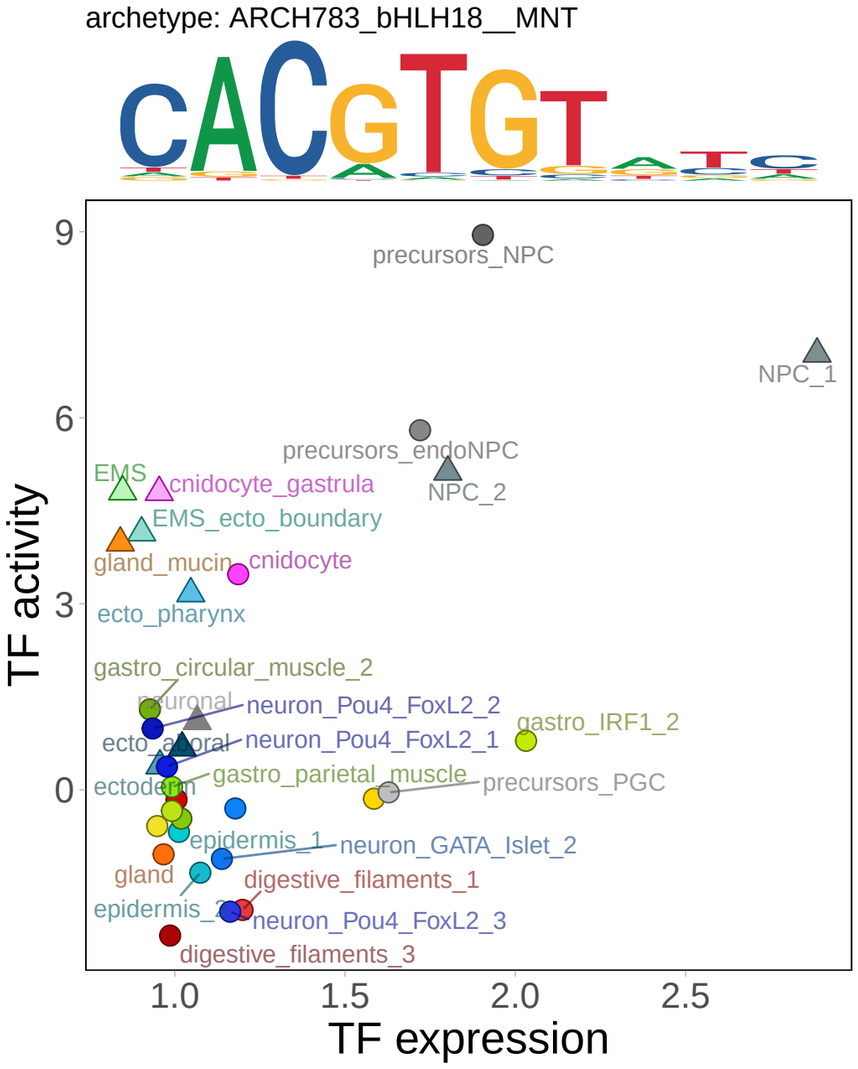
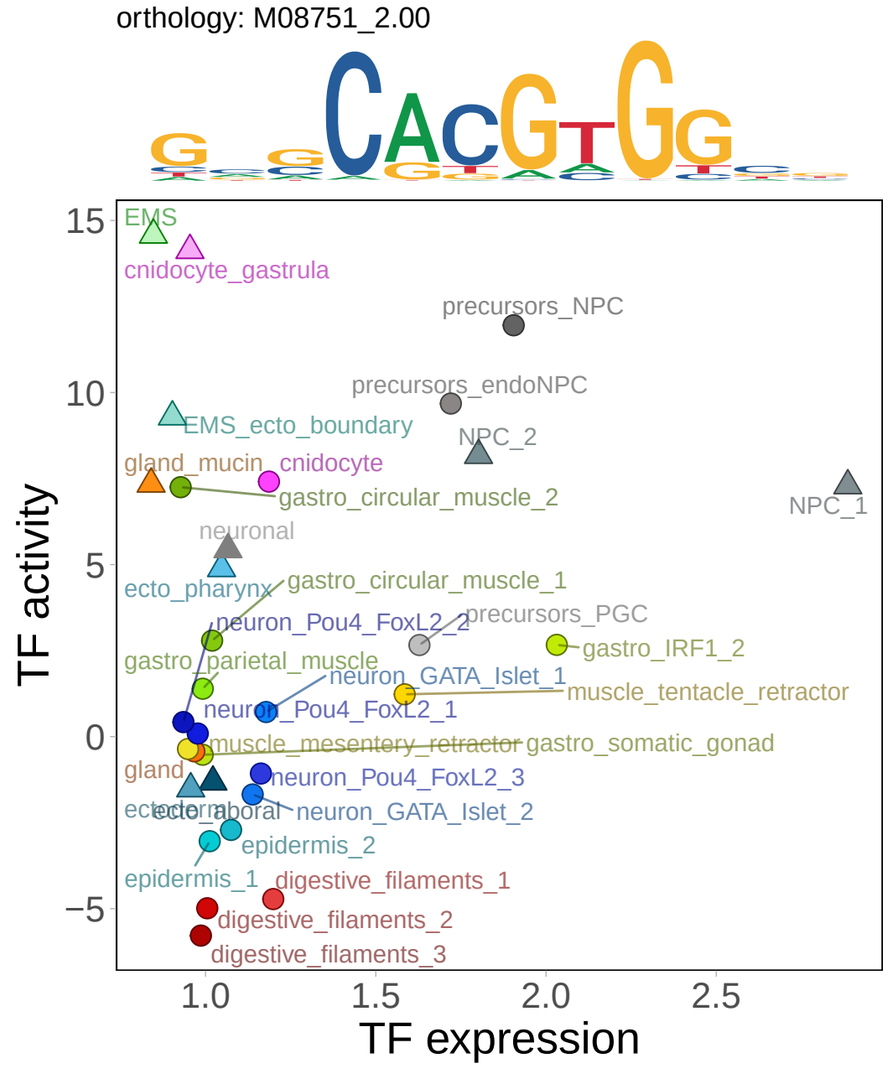
Nvec_vc1.1_XM_032366098.2 (Ptx1)
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH

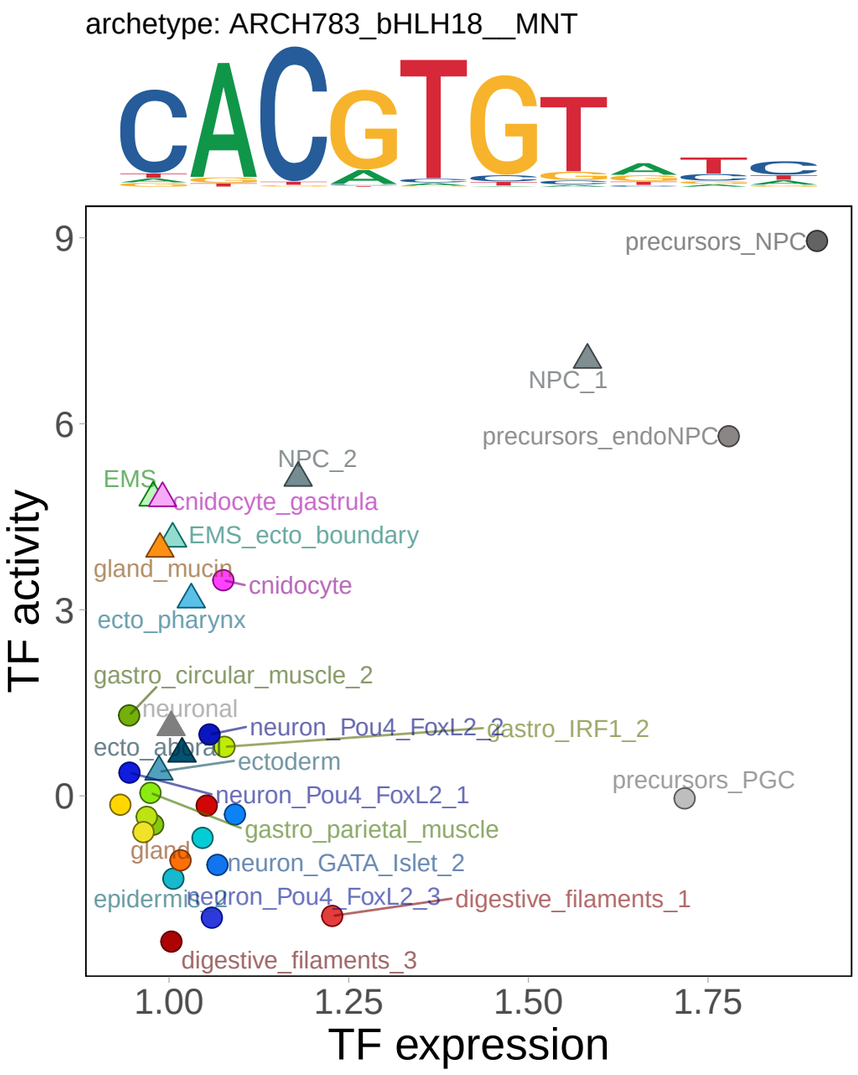
archetype: ARCH783_bHLH18__MNT

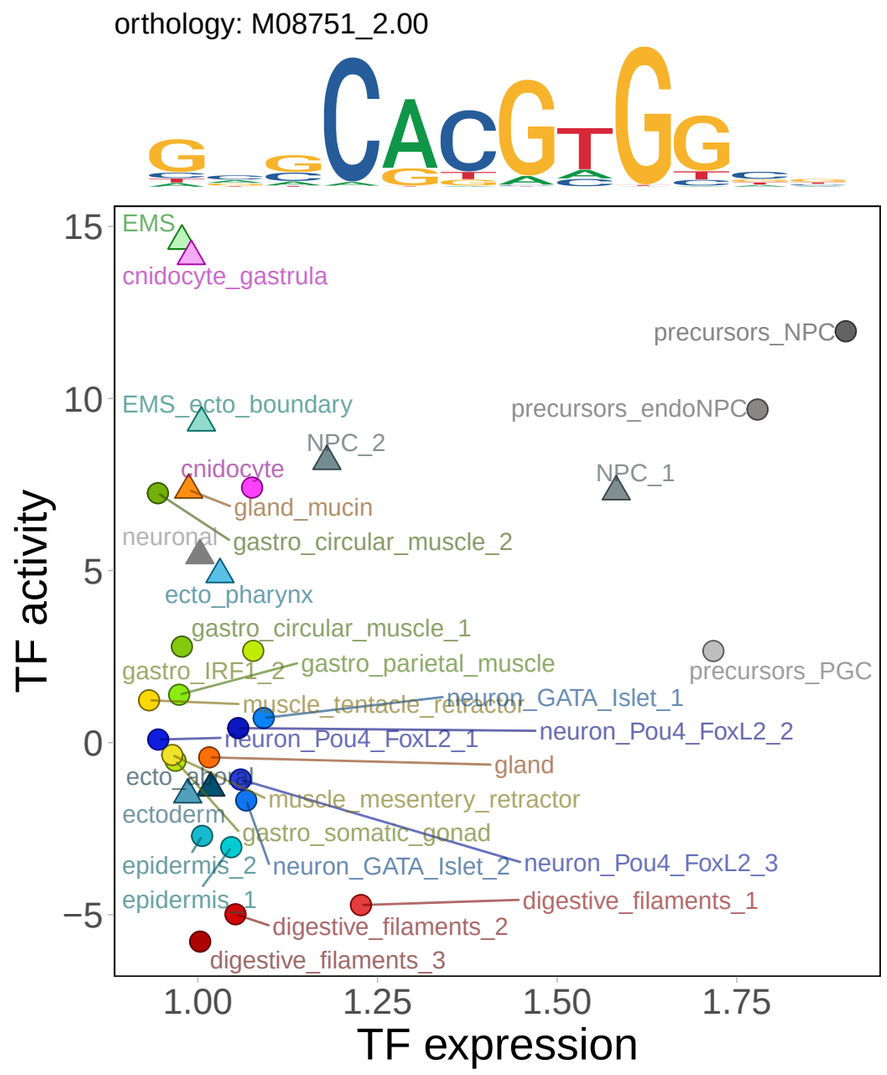


orthology: M08751_2.00



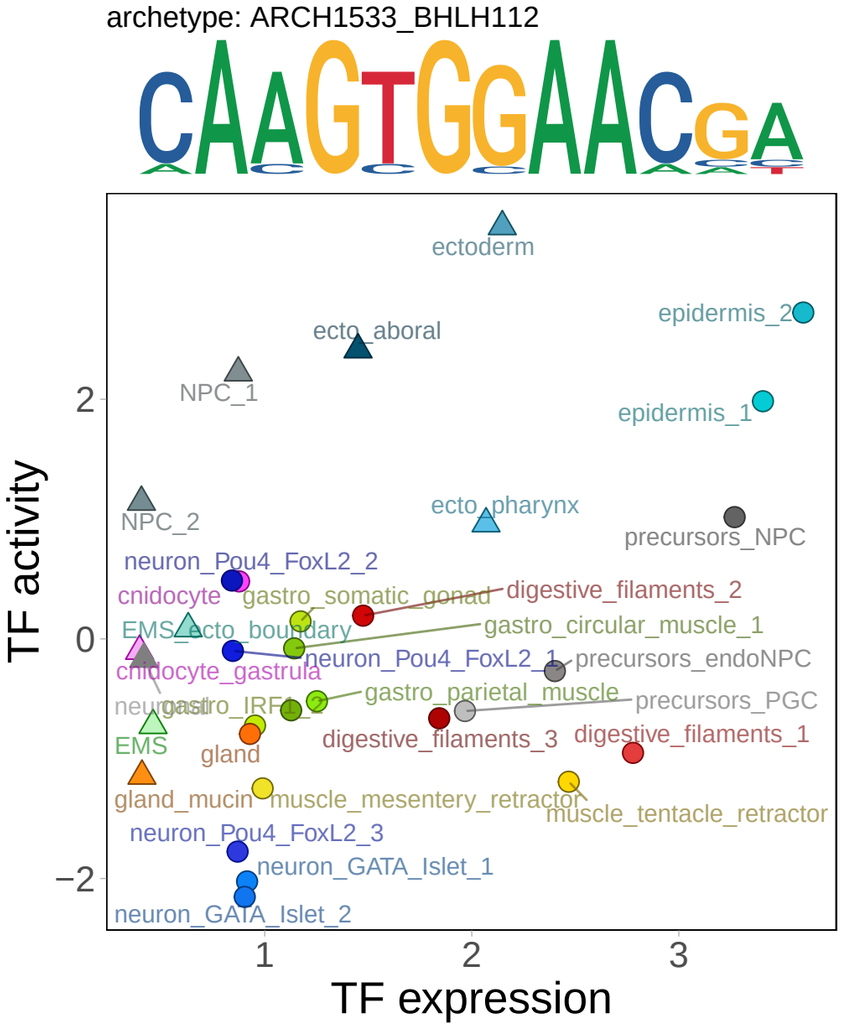
Nvec_vc1.1_XM_001640809.3 (Myc2)
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: Myc_N/HLH



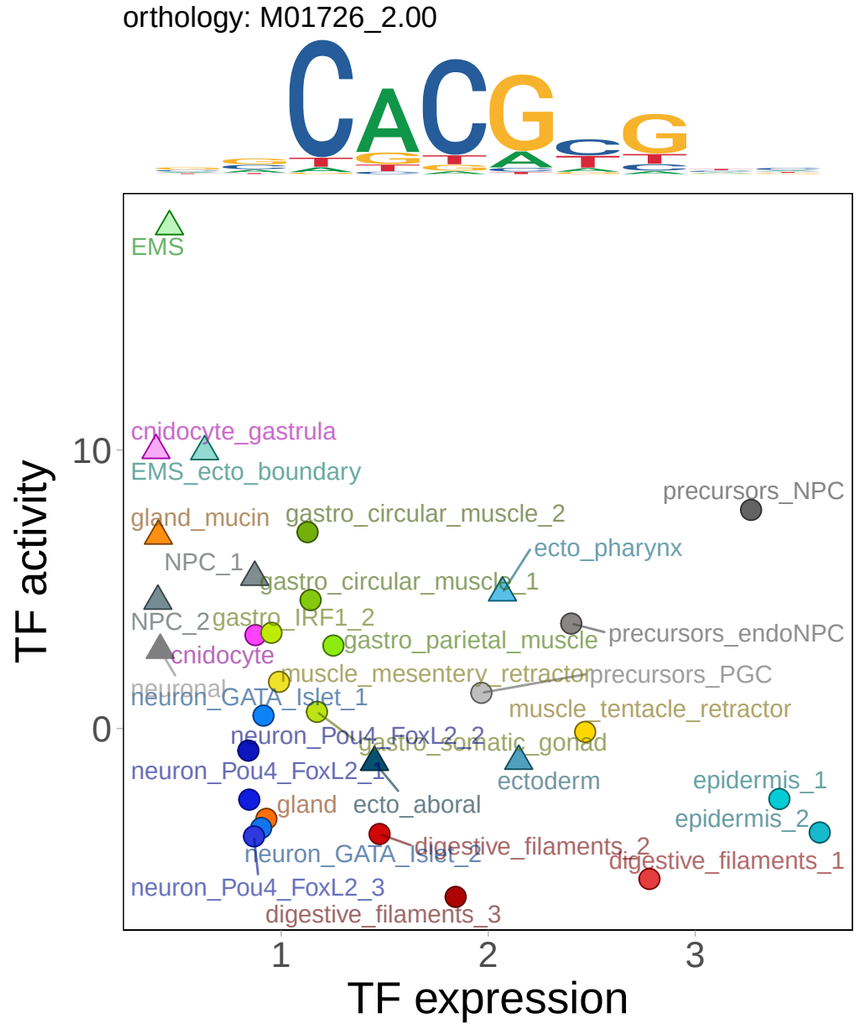


Nvec_vc1.1_XM_032384889.2 (Hes2)
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH/Hairy_orange

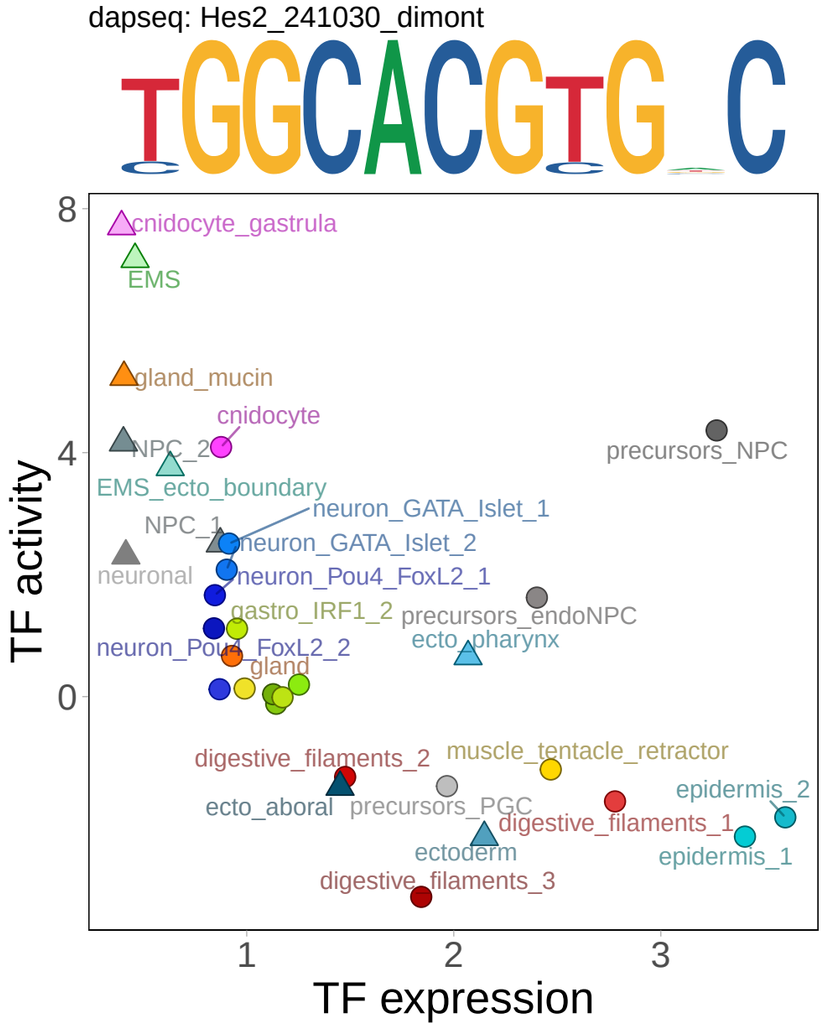
archetype: ARCH1533_BHLH112



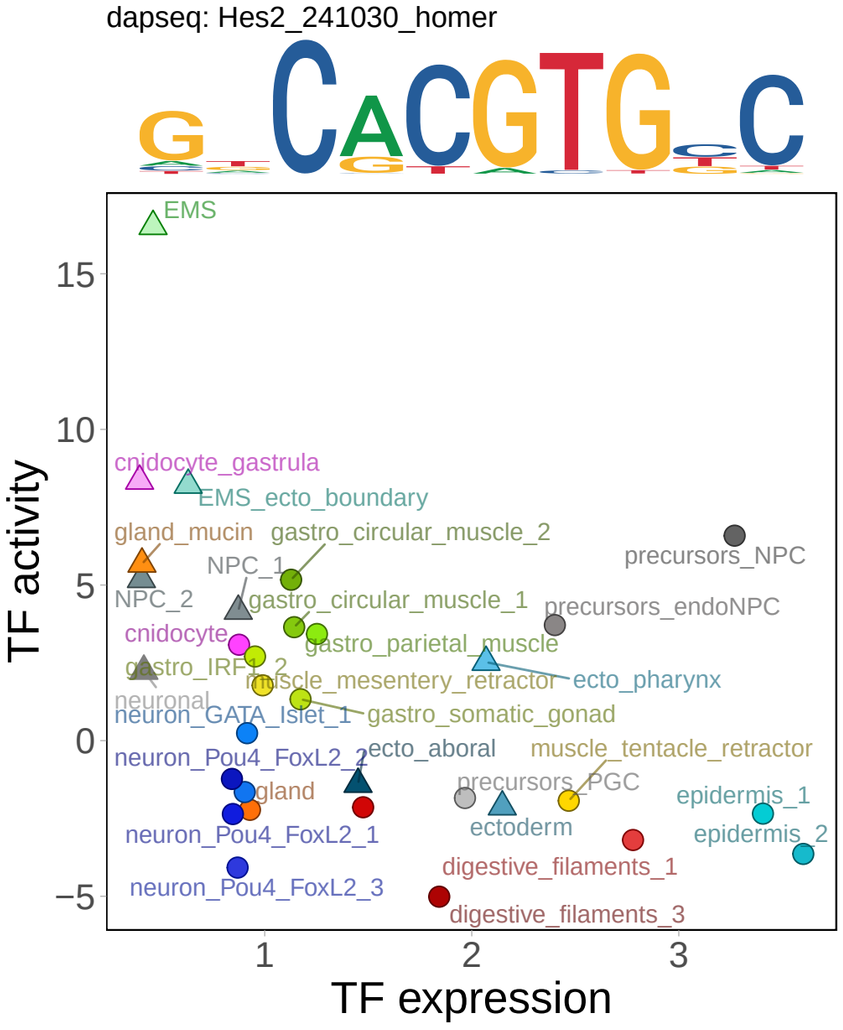
orthology: M01726_2.00



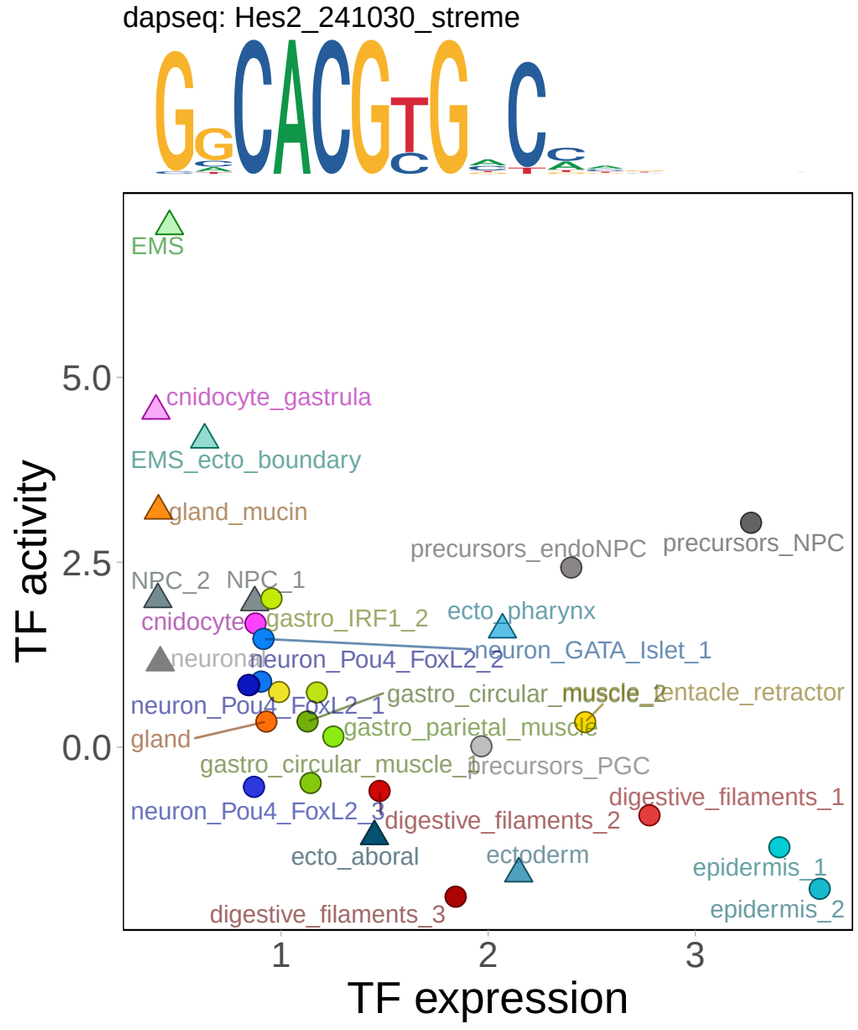
dapseq: Hes2_241030_dimont



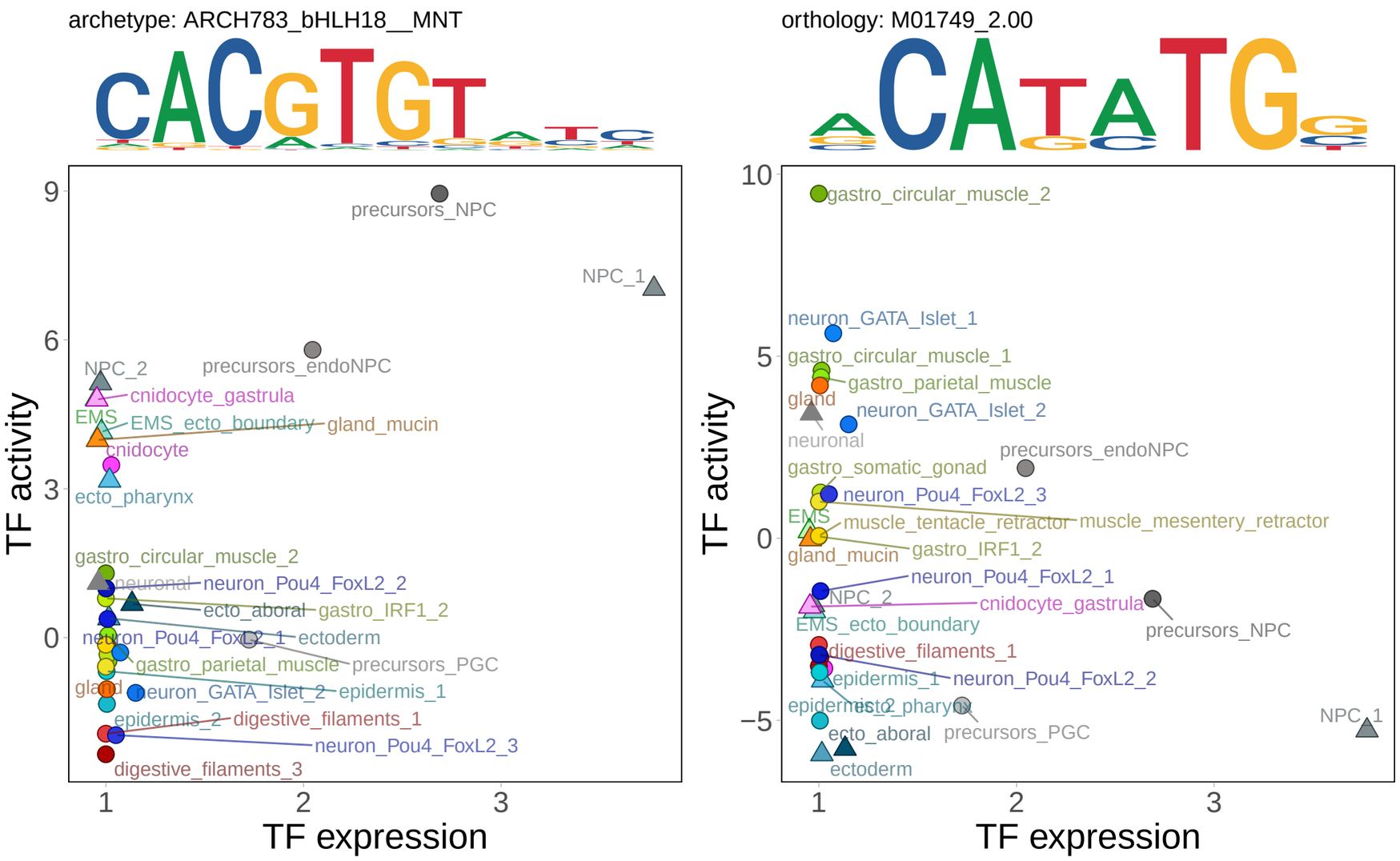
dapseq: Hes2_241030_homer



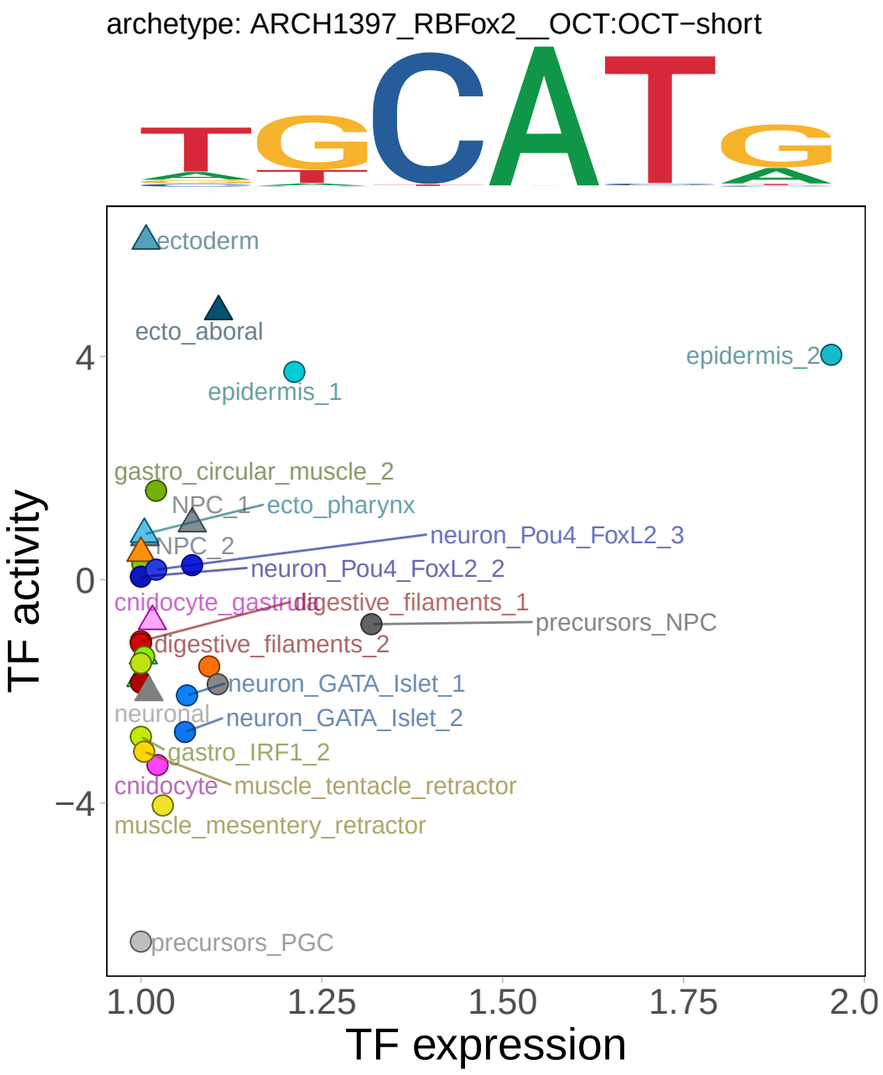
dapseq: Hes2_241030_streme

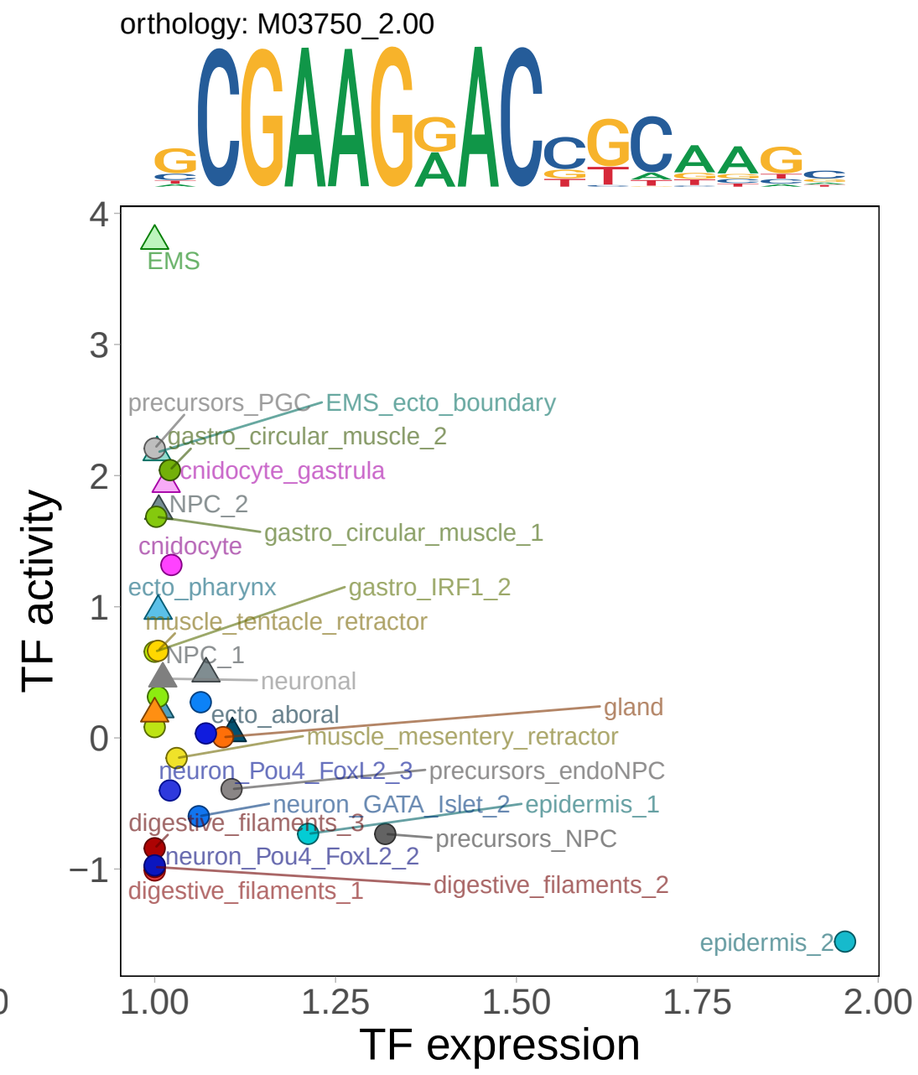


Nvec_vc1.1_XM_032376421.2 (Ath−like)
OG: HLH.HG1.80:like:NEUROD1/NEUROD2/NEUROD4/NEUROD6
PFAM: HLH



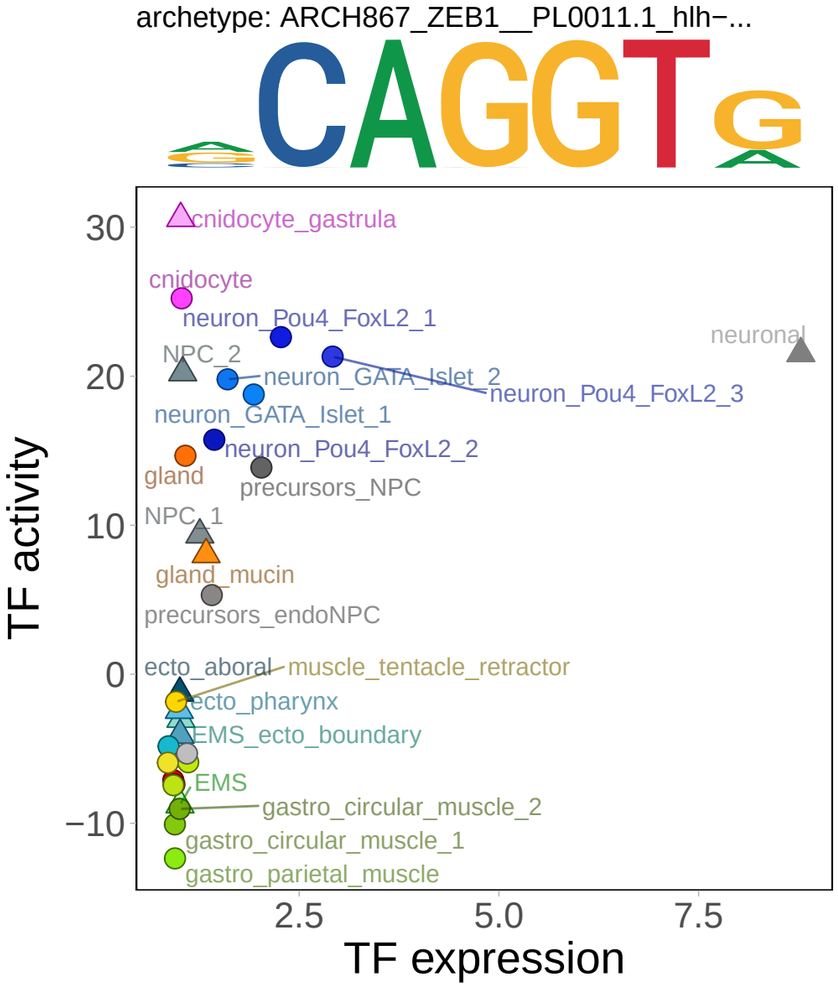
Nvec_vc1.1_XM_032385706.2 (FoxQ2d)
OG: Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2
PFAM: Forkhead



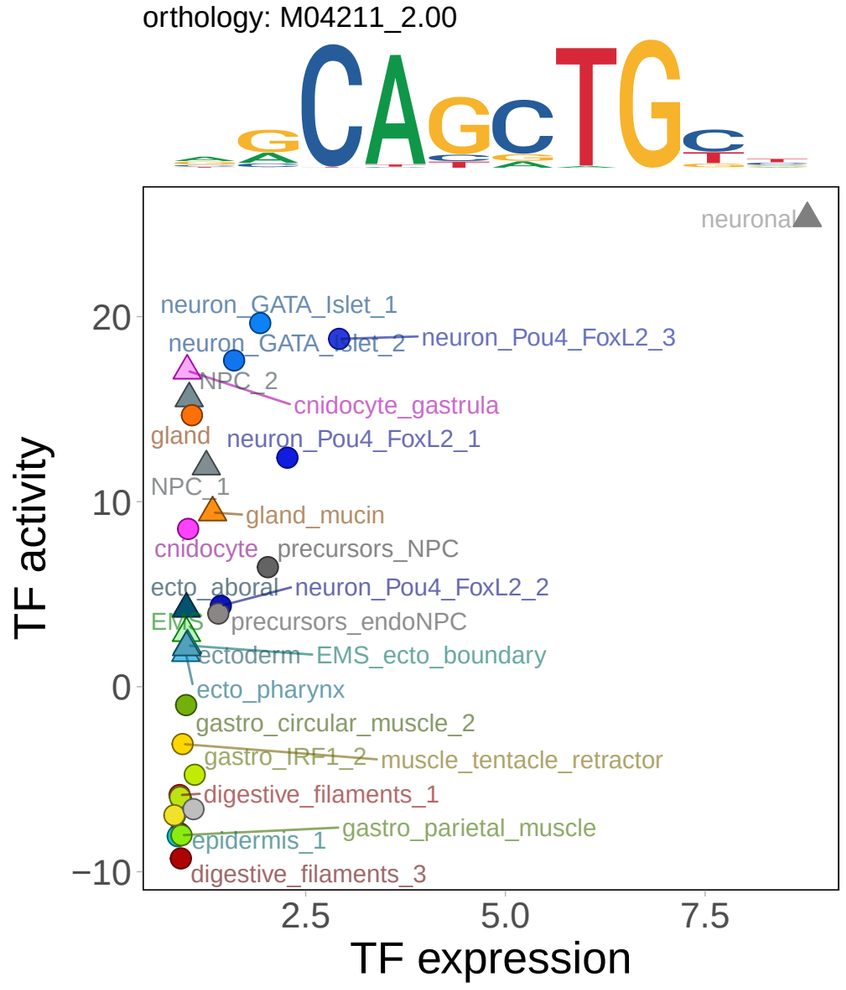


Nvec_vc1.1_XM_032370984.2 (AshA)
OG: HLH.HG1.58:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5
PFAM: HLH

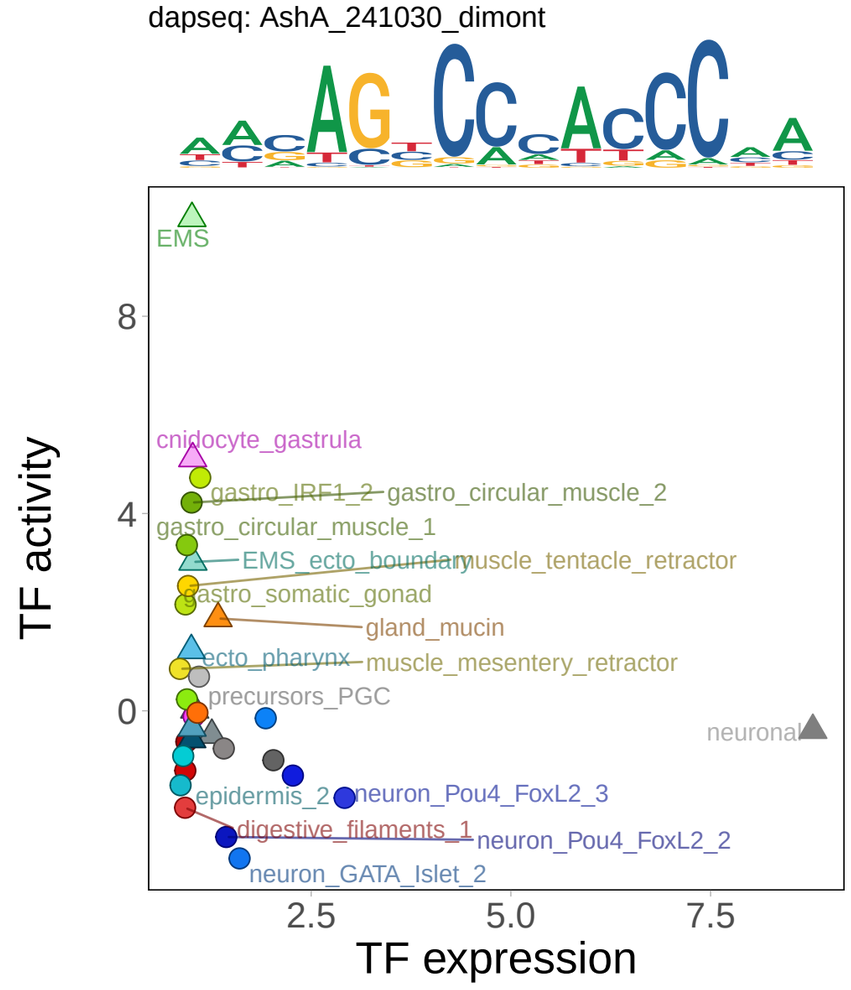
archetype: ARCH867_ZEB1__PL0011.1_hlh−...



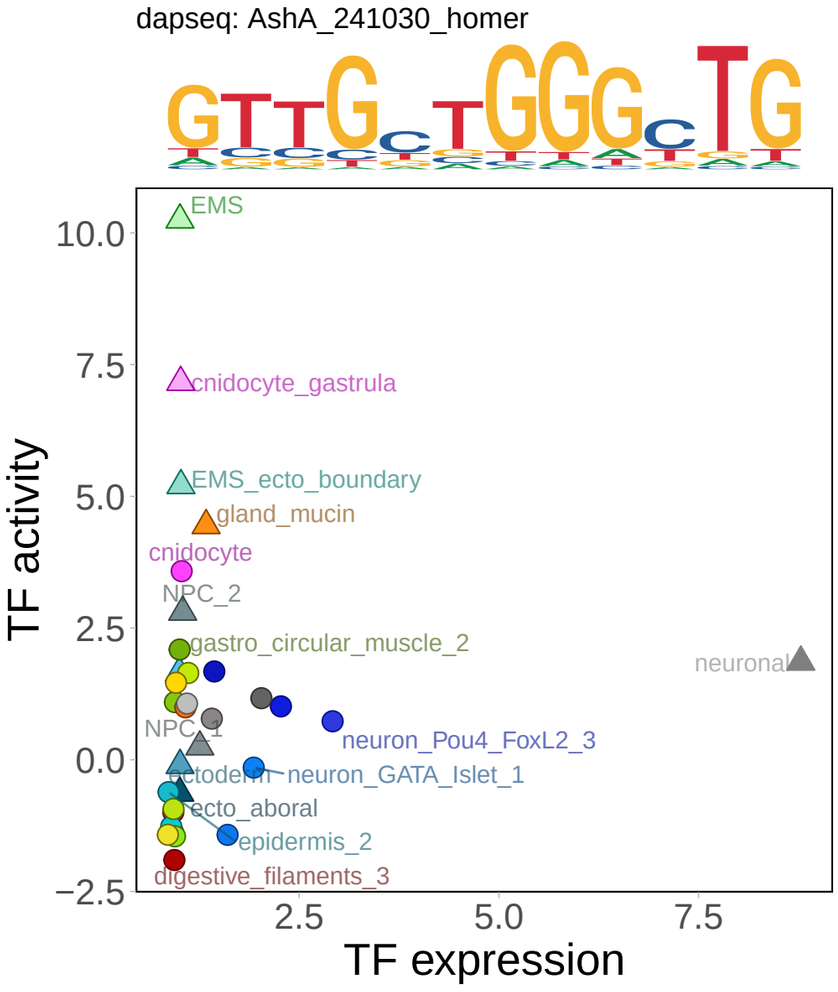
orthology: M04211_2.00



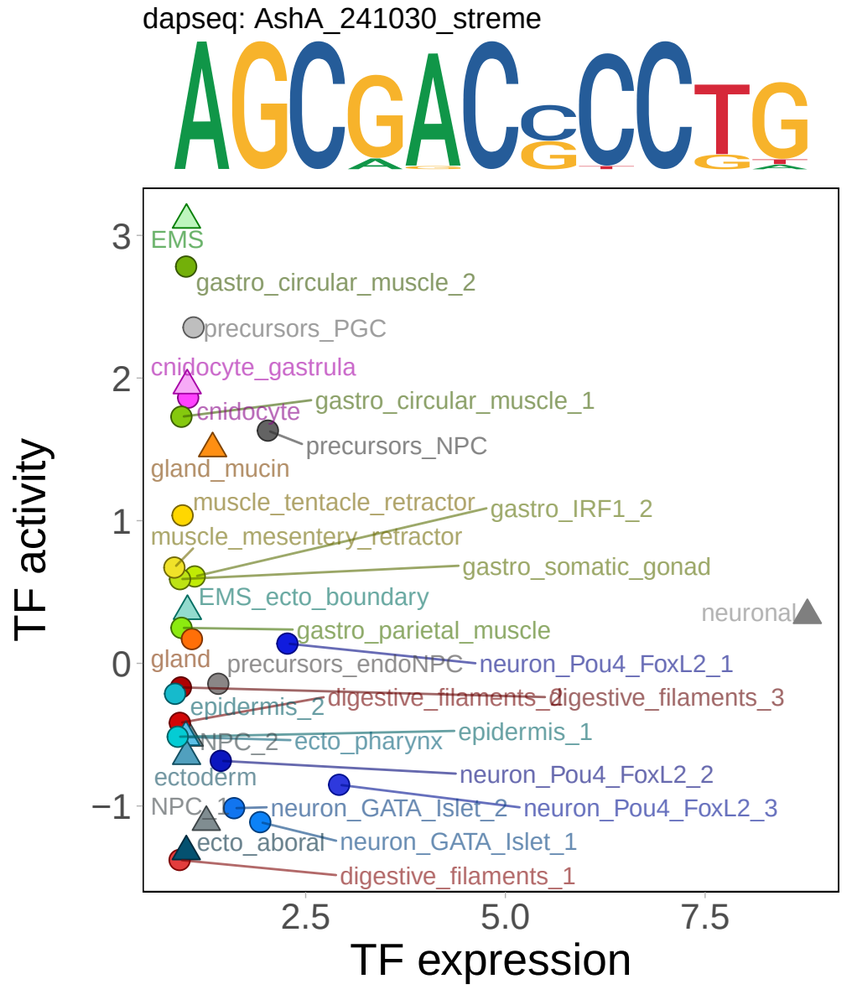
dapseq: AshA_241030_dimont



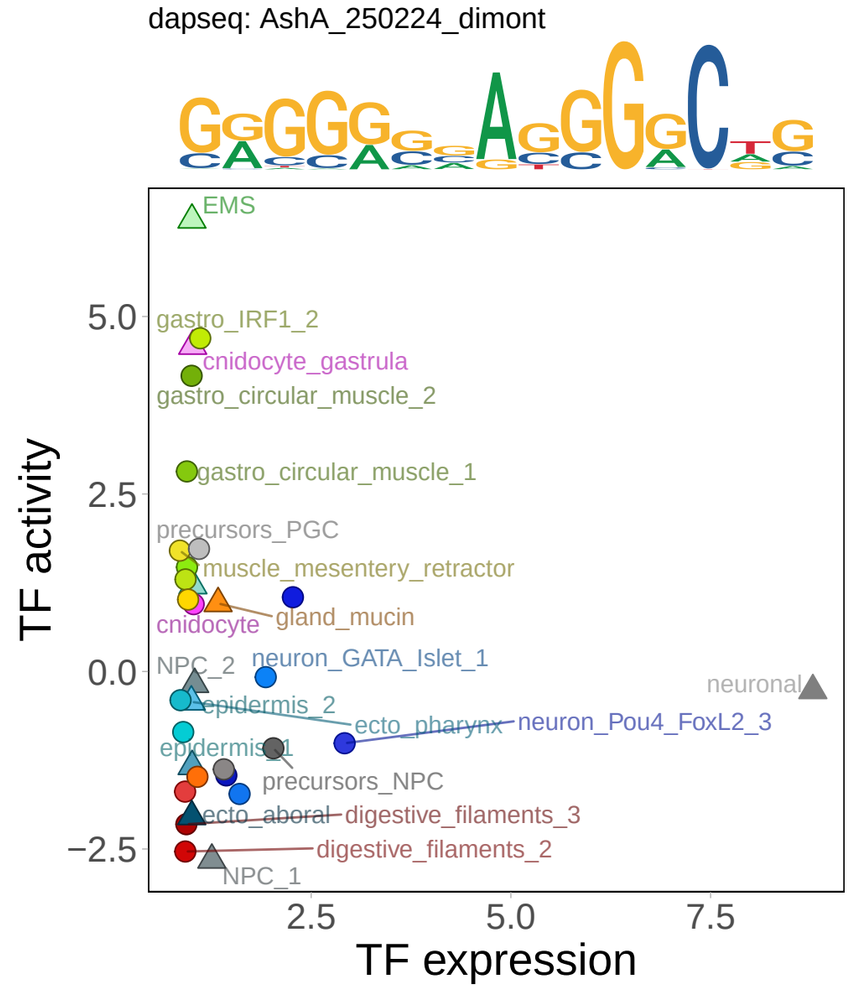
dapseq: AshA_241030_homer



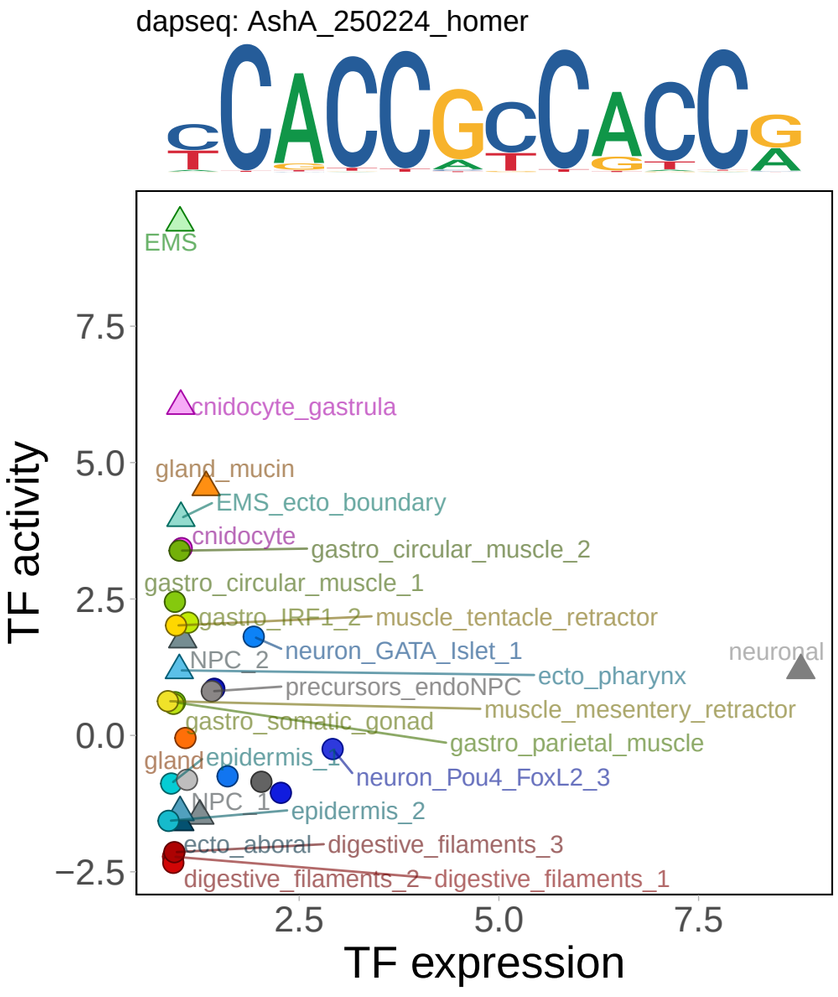
dapseq: AshA_241030_streme



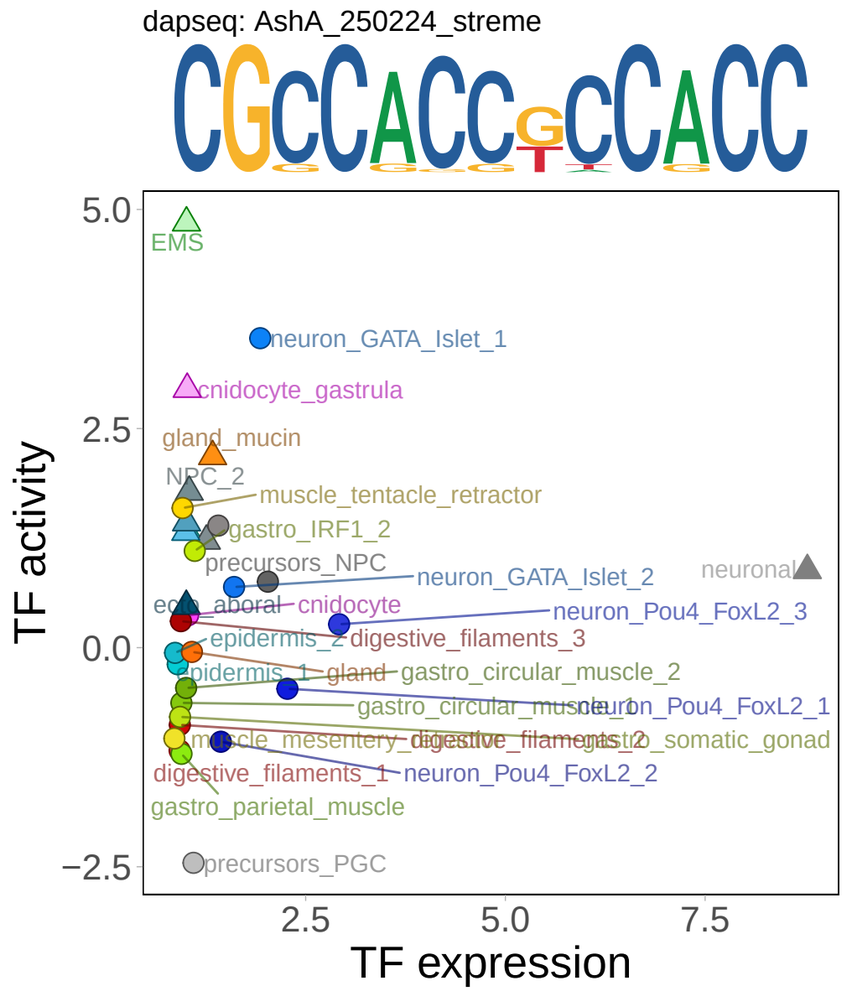
dapseq: AshA_250224_dimont



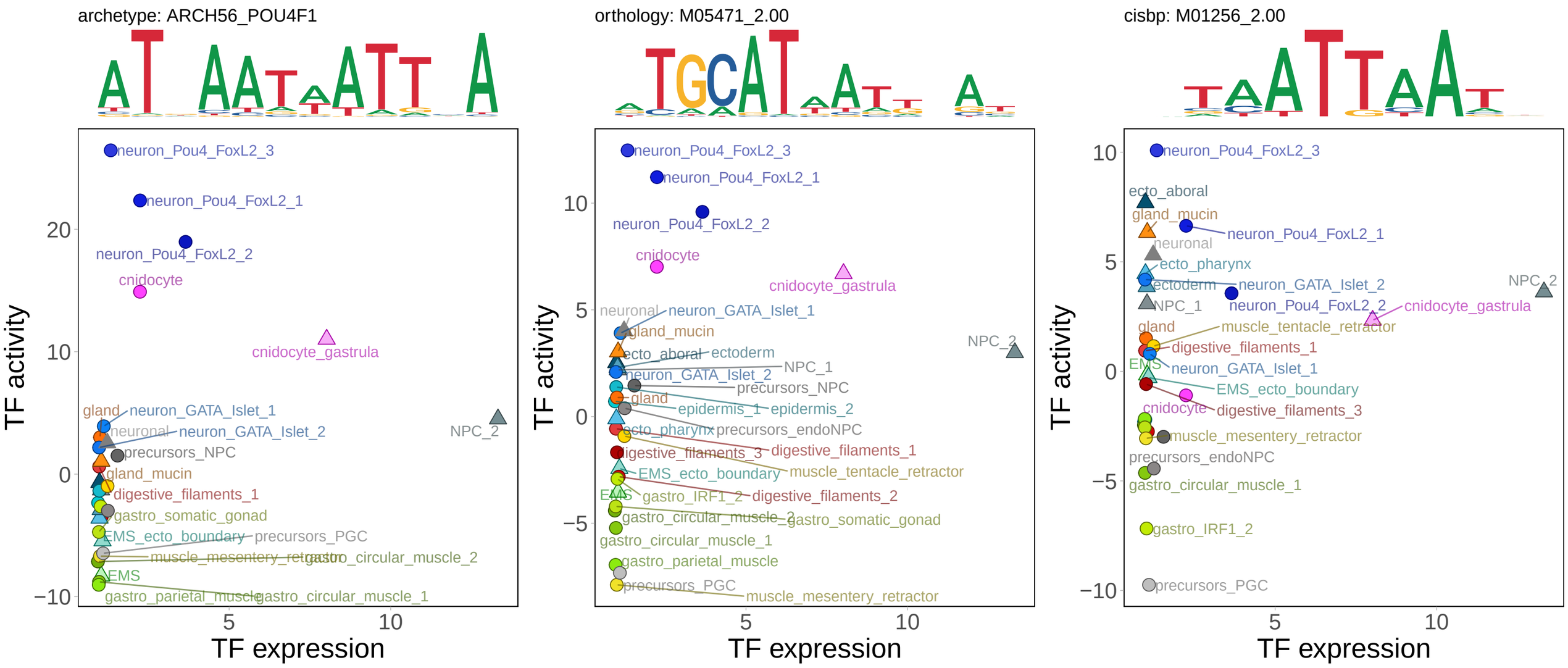
dapseq: AshA_250224_homer



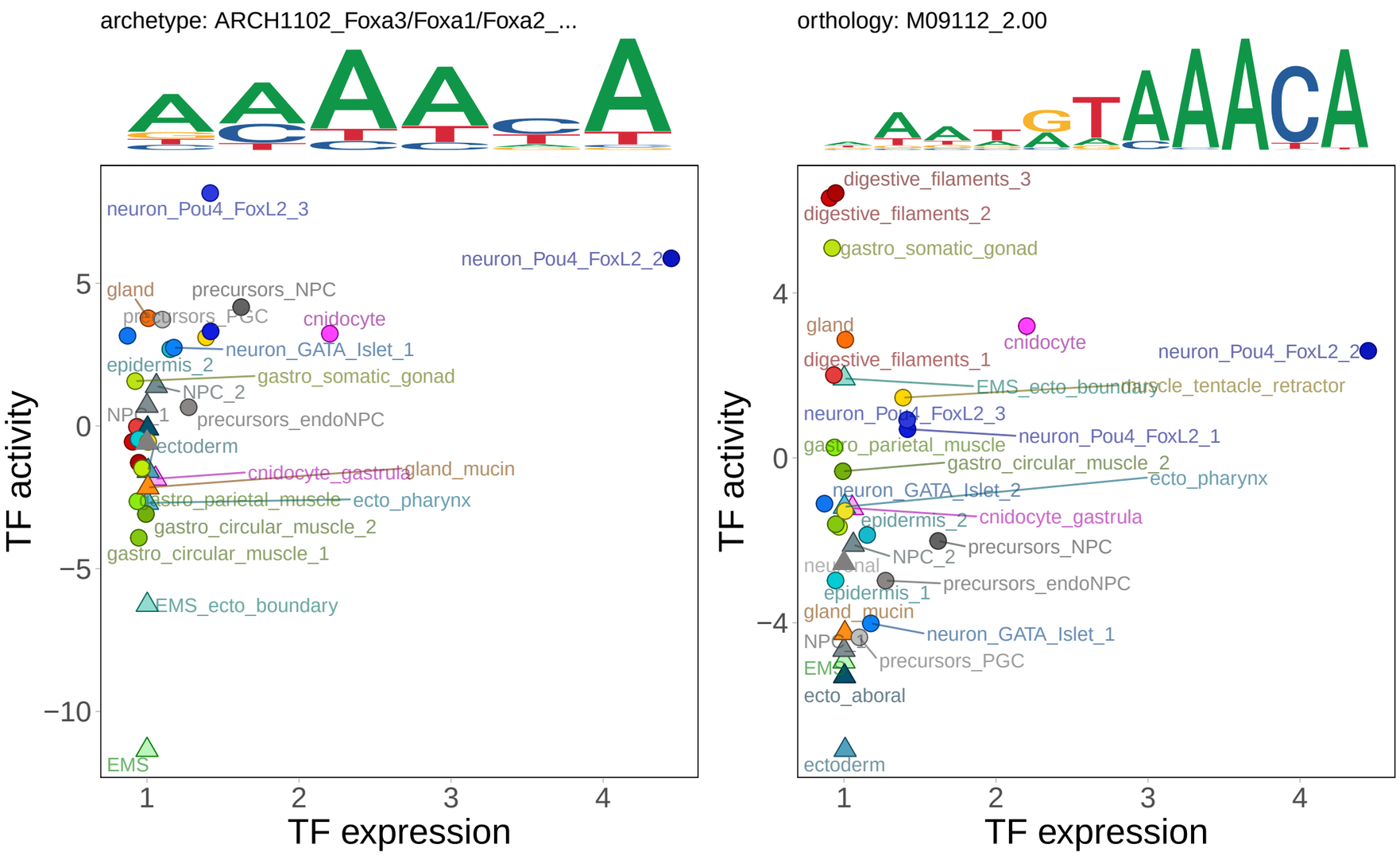
dapseq: AshA_250224_streme



Nvec_vc1.1_XM_032363992.2 (Pou4)
OG: Homeodomains.HG4.6:POU4F1/POU4F2/POU4F3
PFAM: Pou/Homeodomain

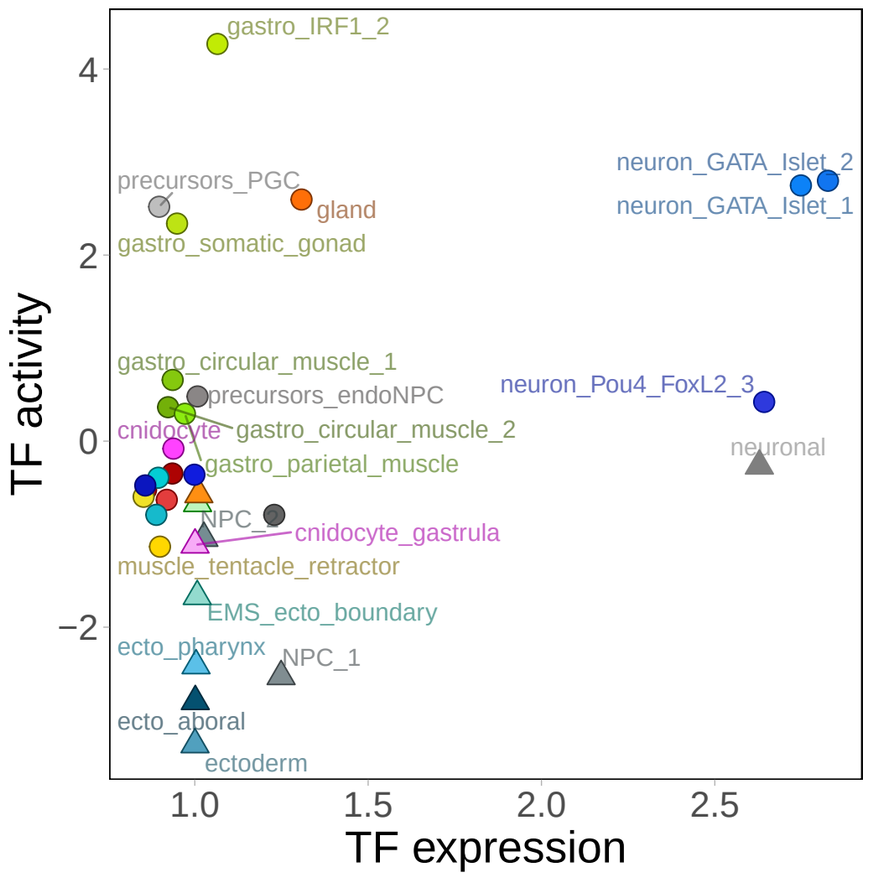


Nvec_vc1.1_XM_032364887.2 (FoxL2)
OG: Forkhead.HG1.20:FOXL2
PFAM: Forkhead

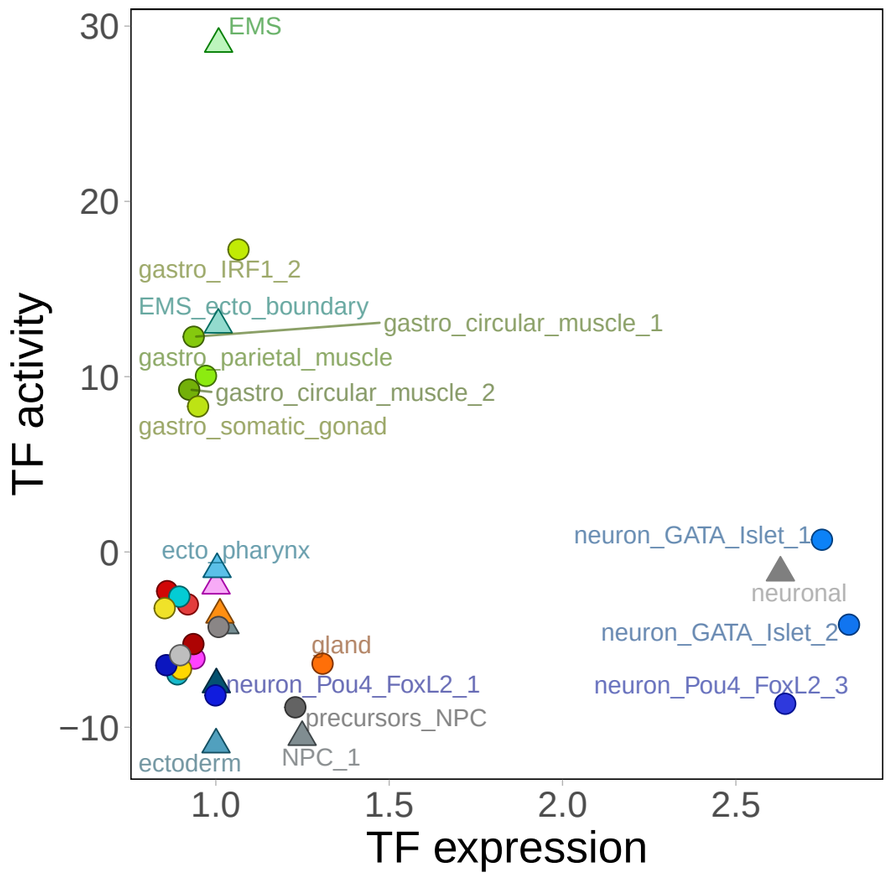


Nvec_vc1.1_XM_032377897.2 (Pea3/Ets)
OG: Ets.HG1.3:ETV1/ETV4/ETV5
PFAM: ETS_PEA3_N/Ets

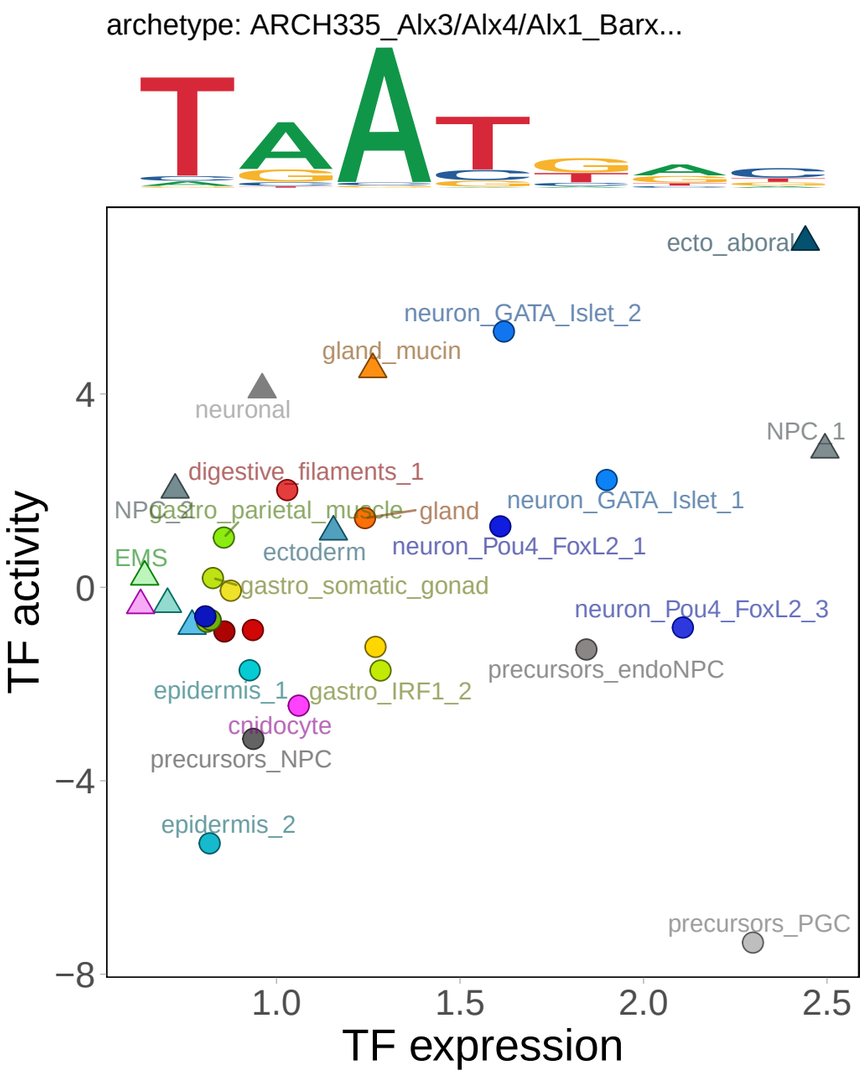
archetype: ARCH593_Elf3/Ehf/Elf5_Erg/F...

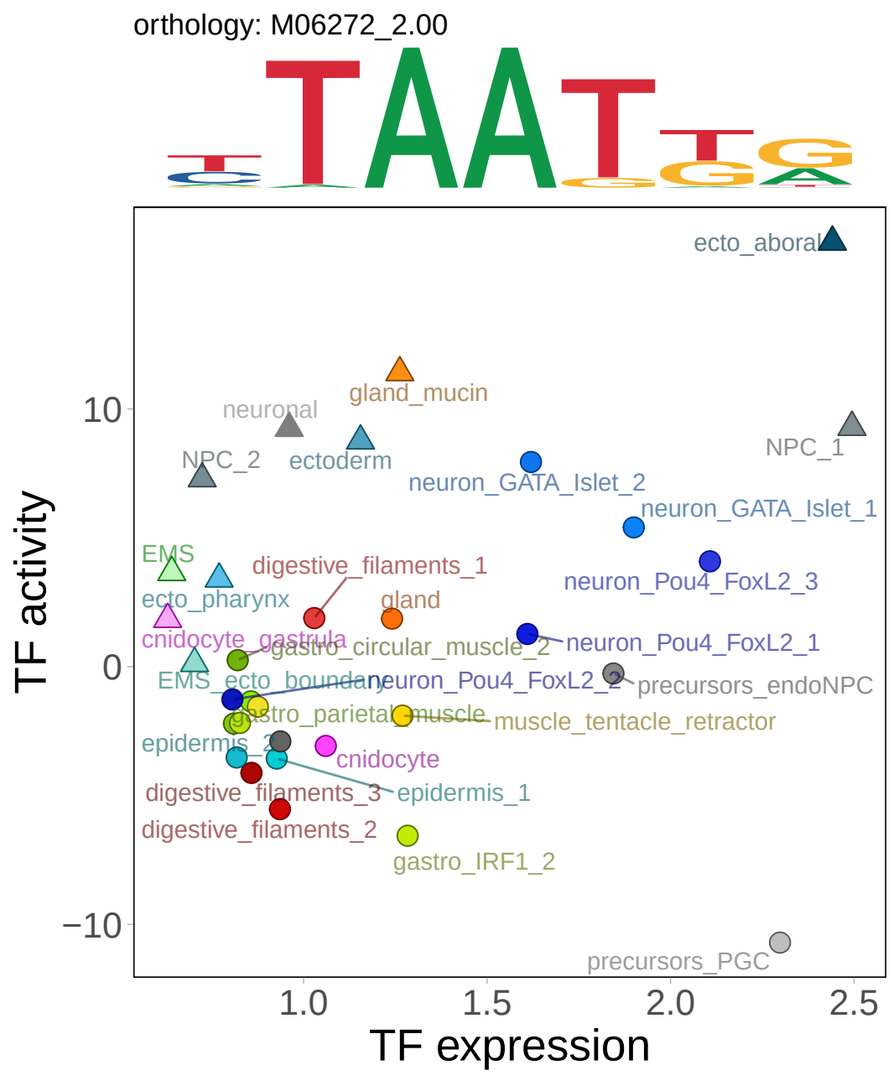


orthology: M04796_2.00



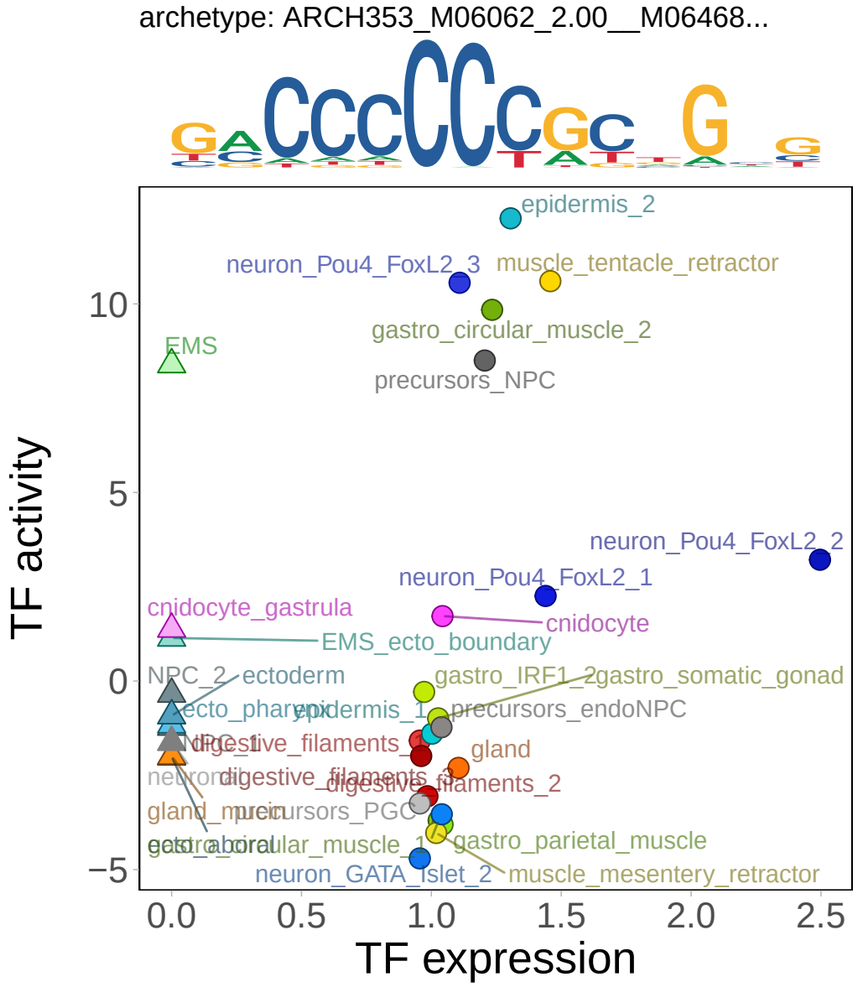
Nvec_vc1.1_XM_032362713.2 (Islet)
OG: Homeodomains.HG2.19:ISL1/ISL2
PFAM: LIM/LIM/Homeodomain



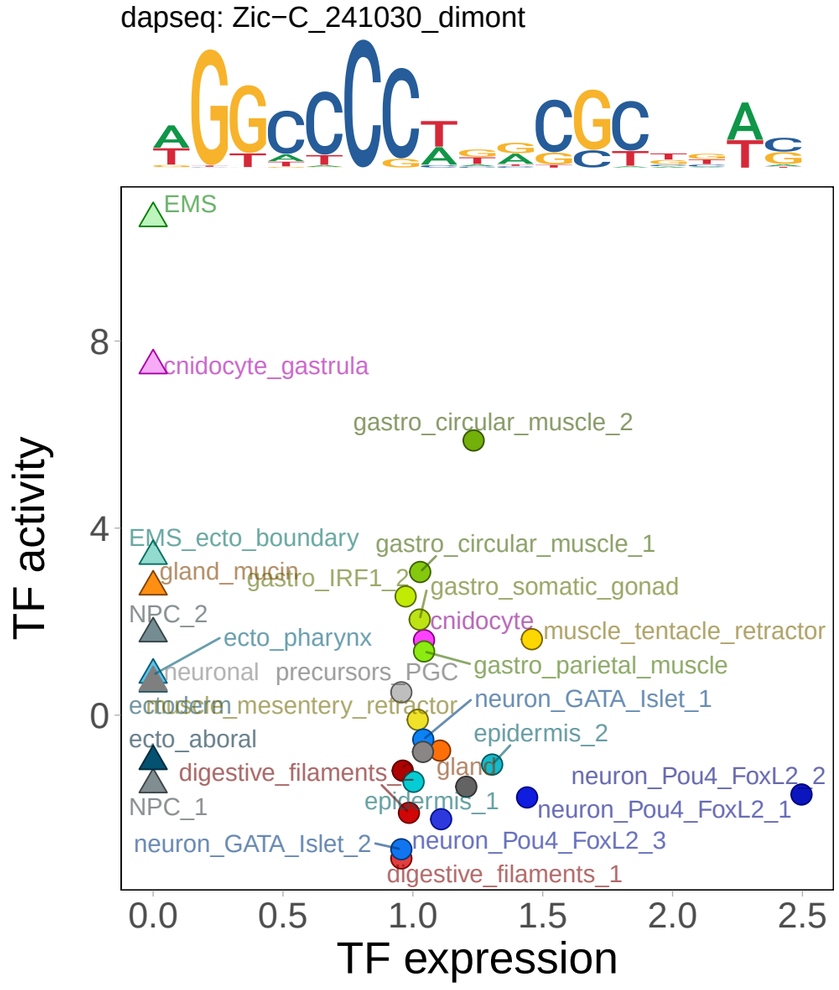


Nvec_vc1.1_XM_048728976.1 (Zic−C)
OG: zf−C2H2.HG4.5:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
PFAM: zf_ZIC/zf−C2H2/zf−C2H2

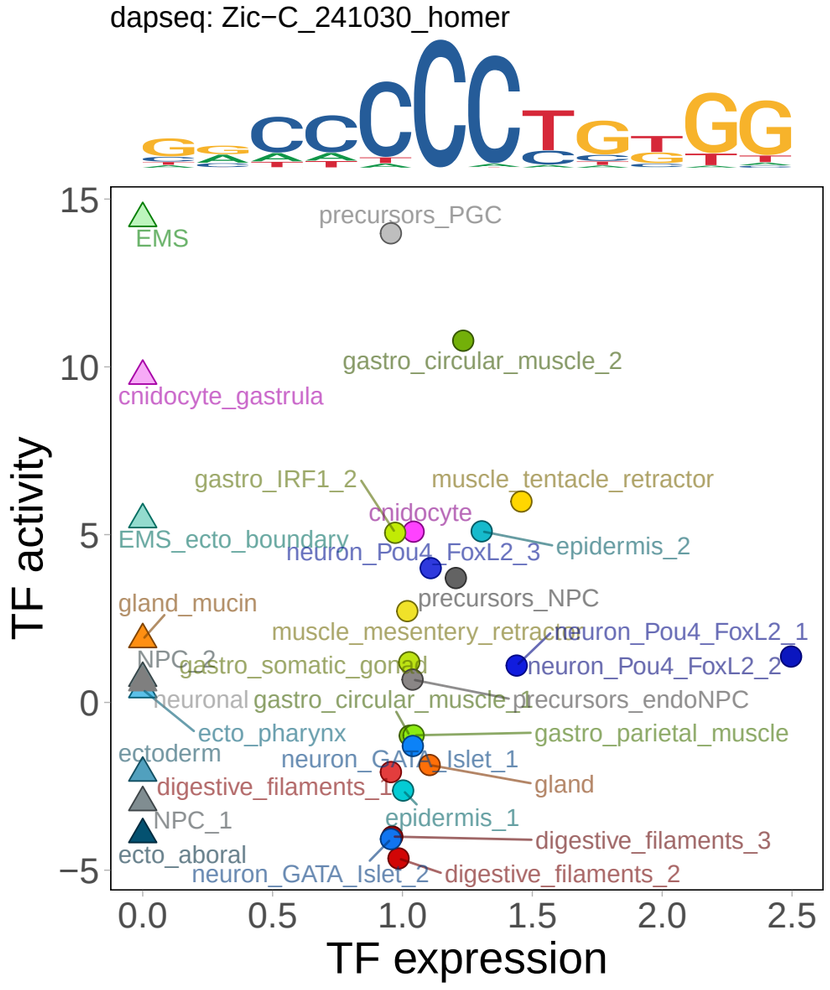
archetype: ARCH353_M06062_2.00__M06468...



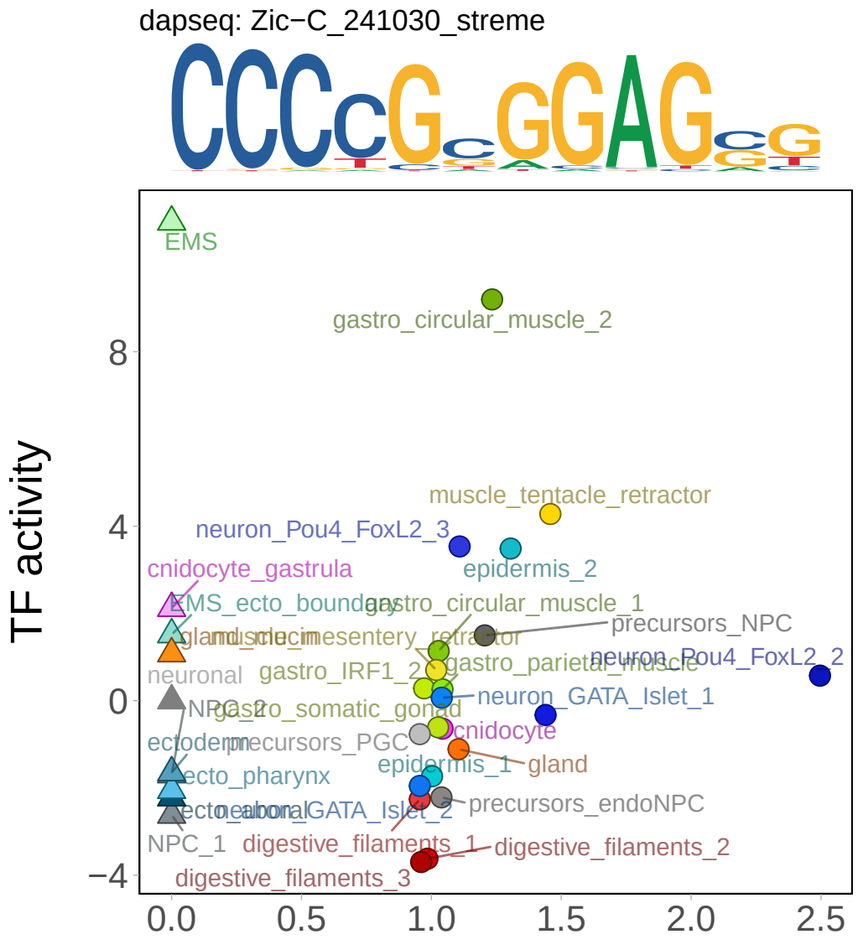
dapseq: Zic−C_241030_dimont



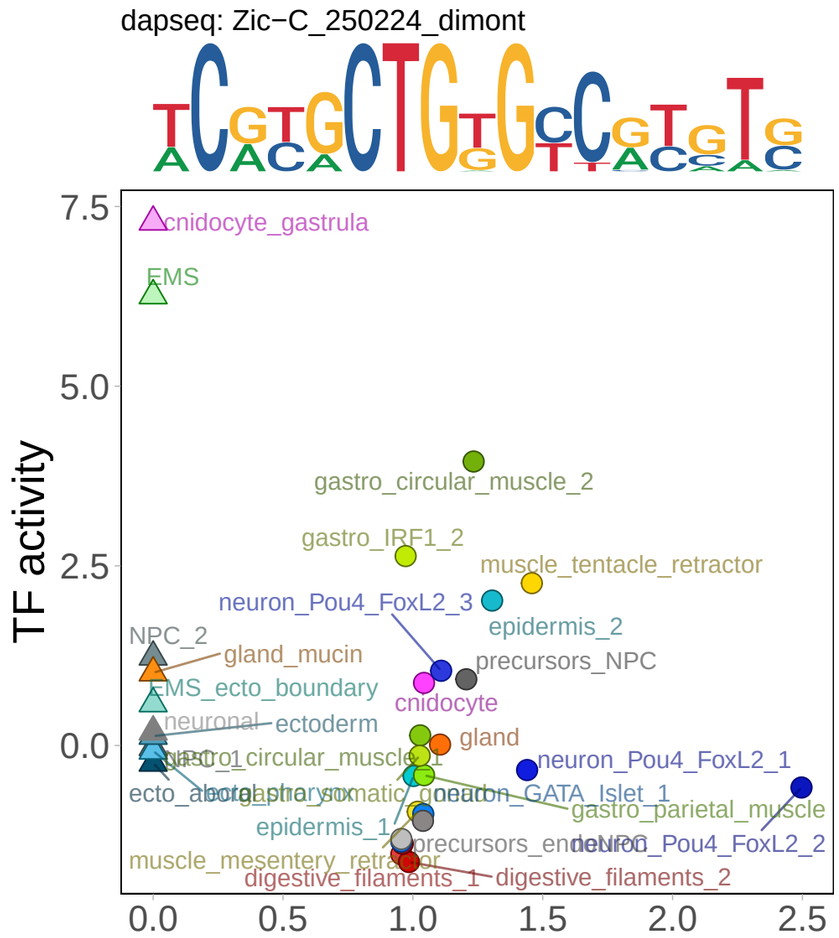
dapseq: Zic−C_241030_homer



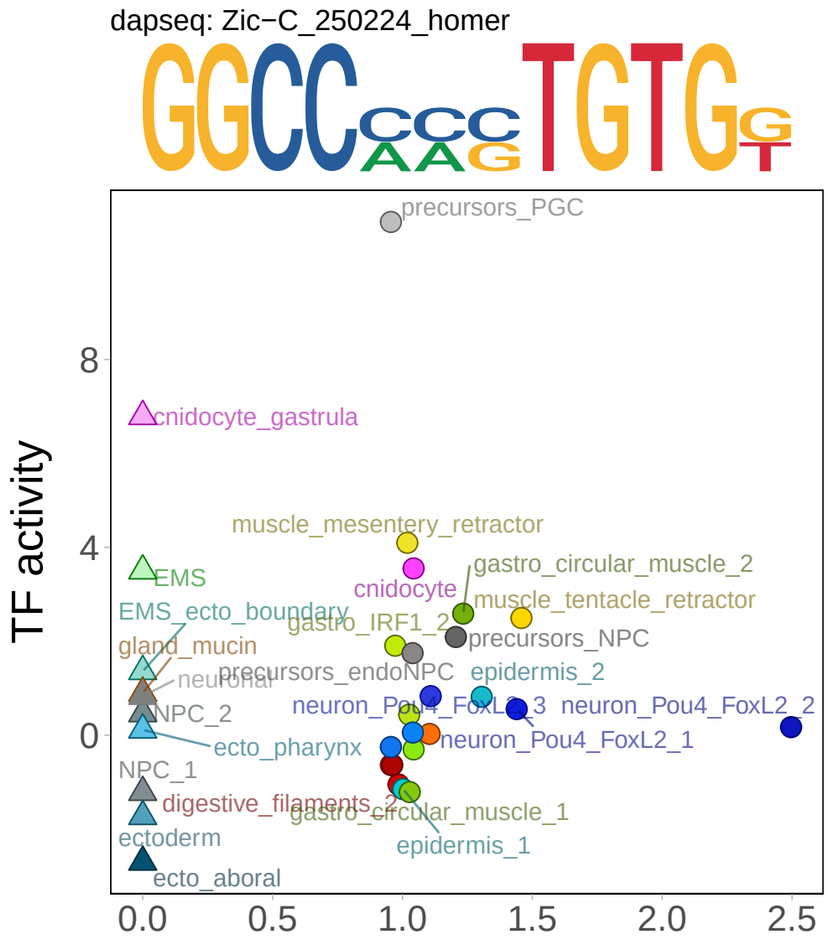
dapseq: Zic−C_241030_streme



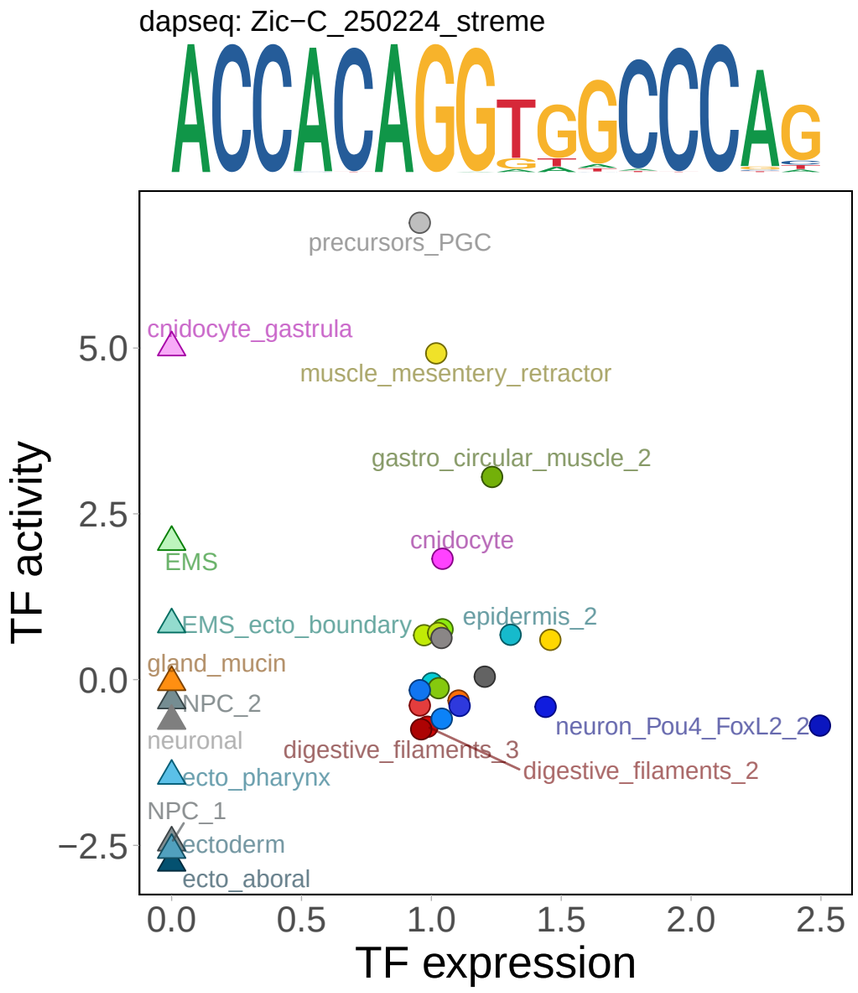
dapseq: Zic−C_250224_dimont



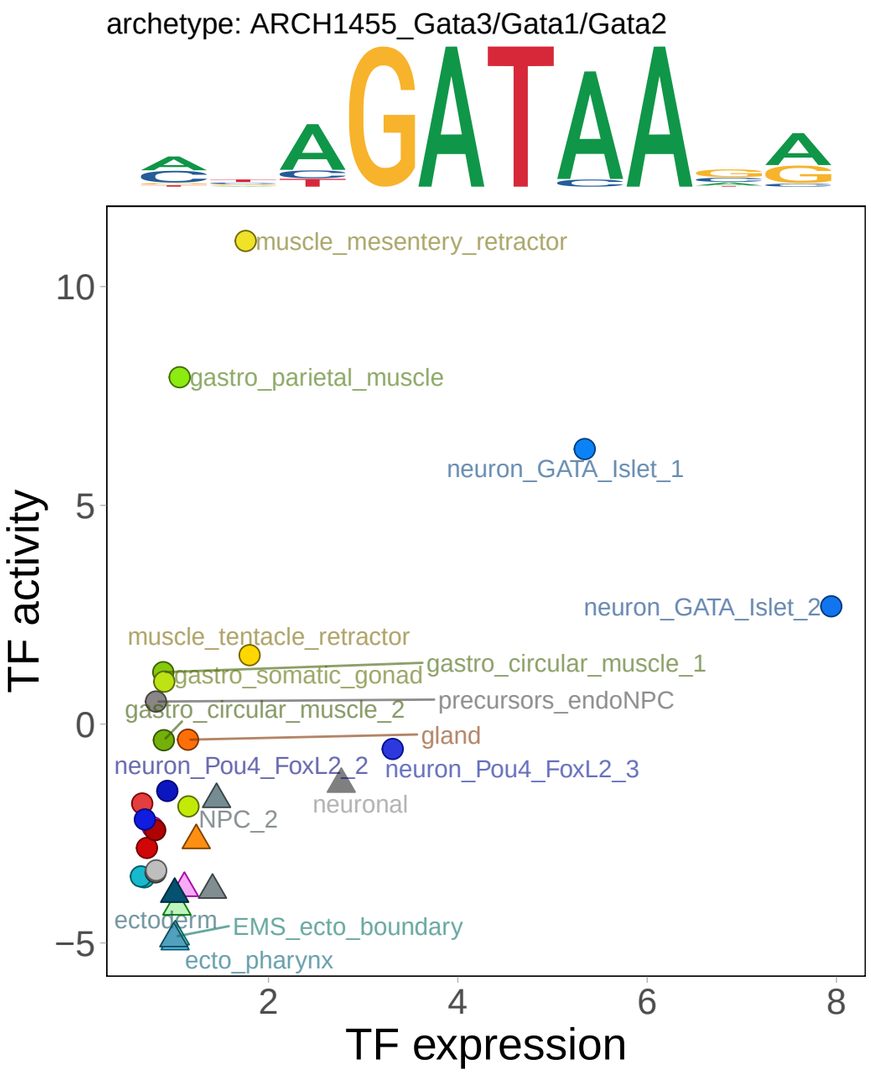
dapseq: Zic−C_250224_homer

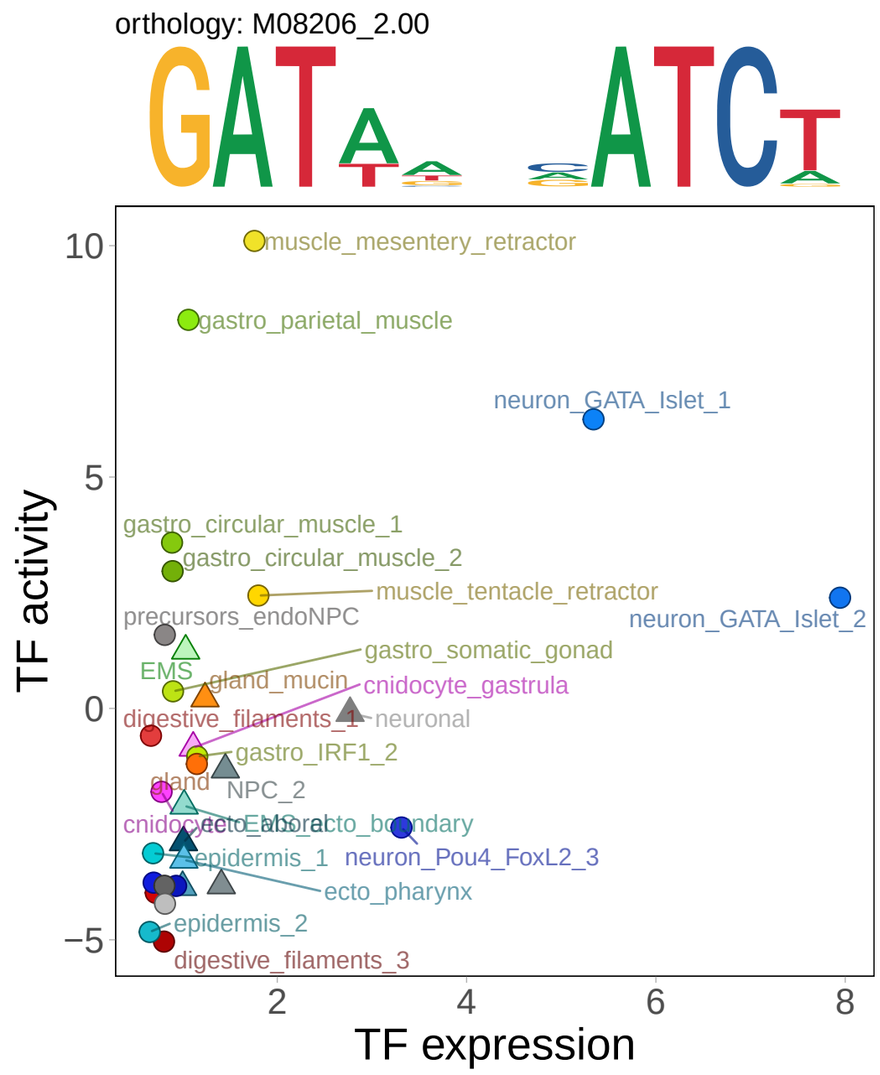


dapseq: Zic−C_250224_streme



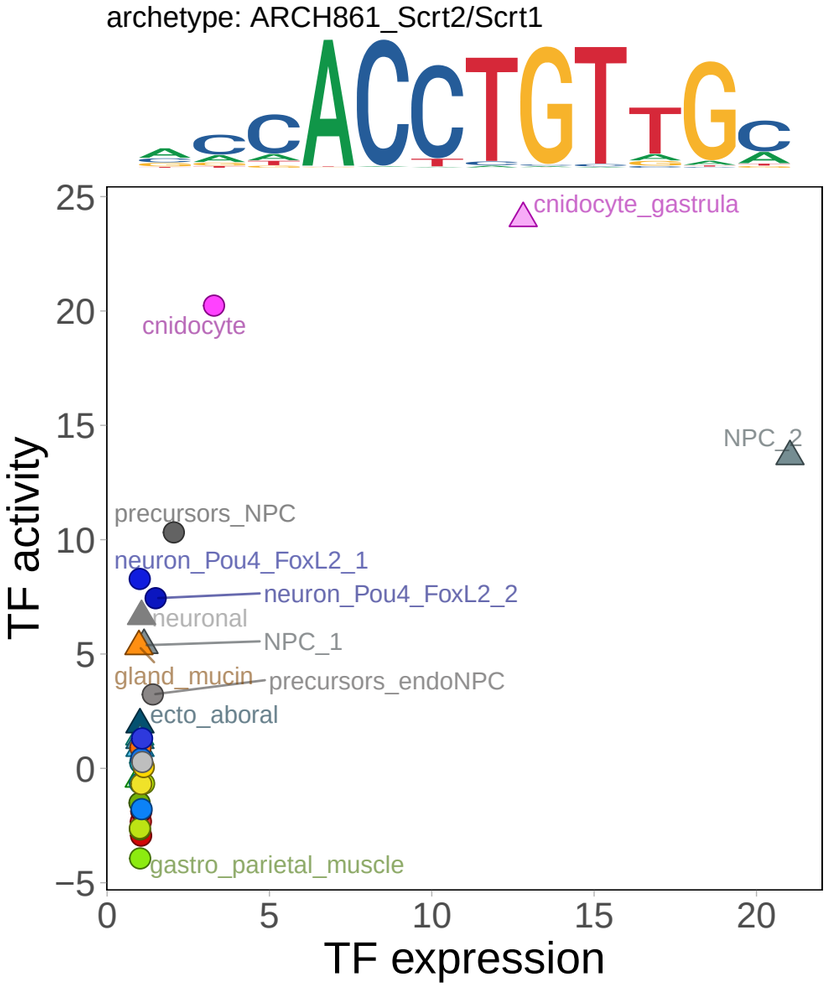
Nvec_vc1.1_XM_032367288.2 (GATA)
OG: GATA.HG1.5:GATA1/GATA2/GATA3/GATA4/GATA5/GATA6/TRPS1
PFAM: GATA/GATA



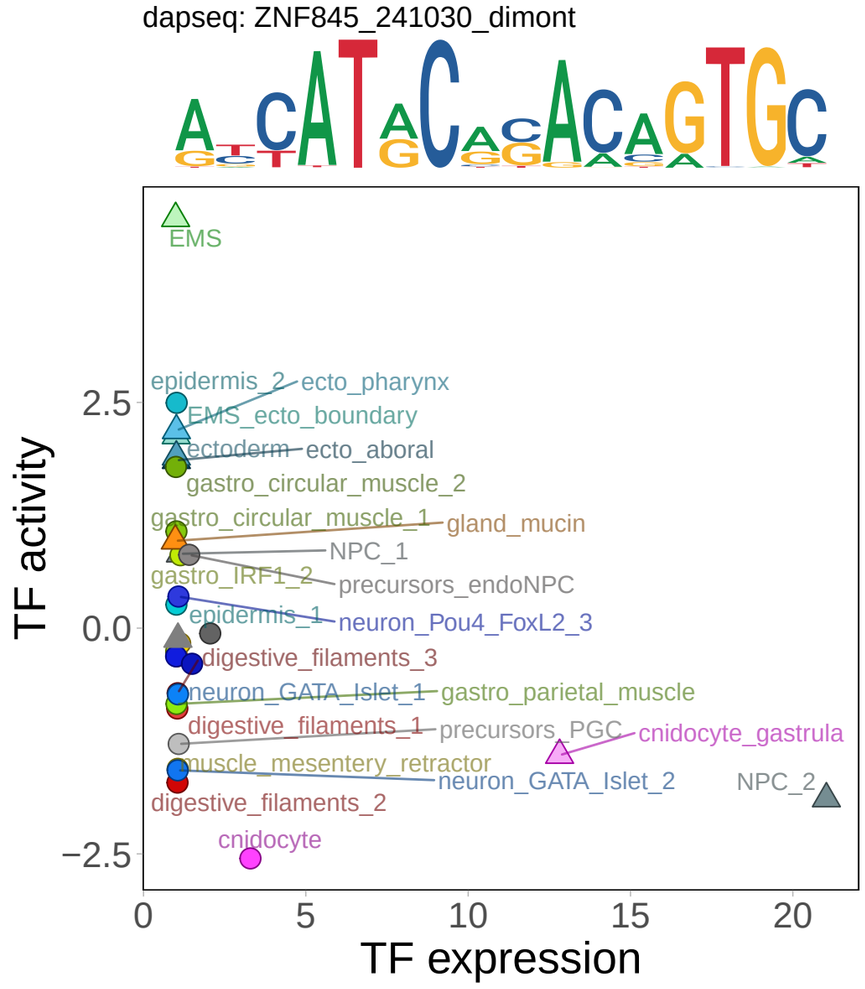


Nvec_vc1.1_XM_001641129.3 (ZNF845)
OG: zf−C2H2.HG3.8:like:ZNF770
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−H2C2_2/zf−C2H2

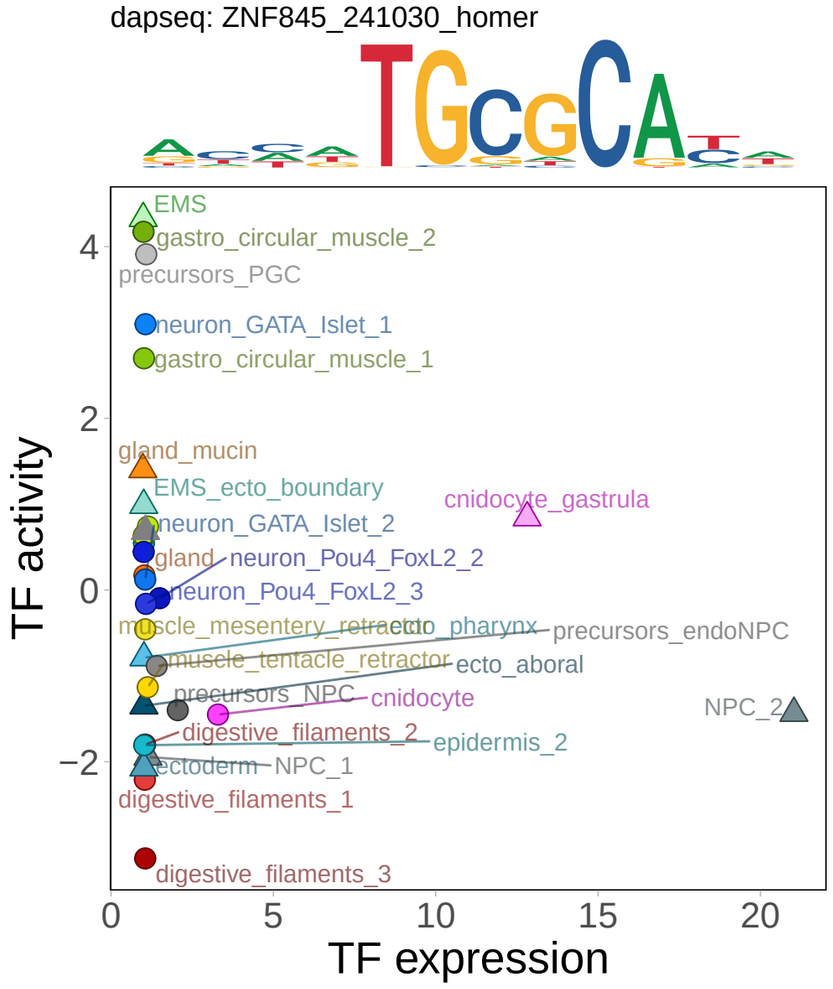
archetype: ARCH861_Scrt2/Scrt1



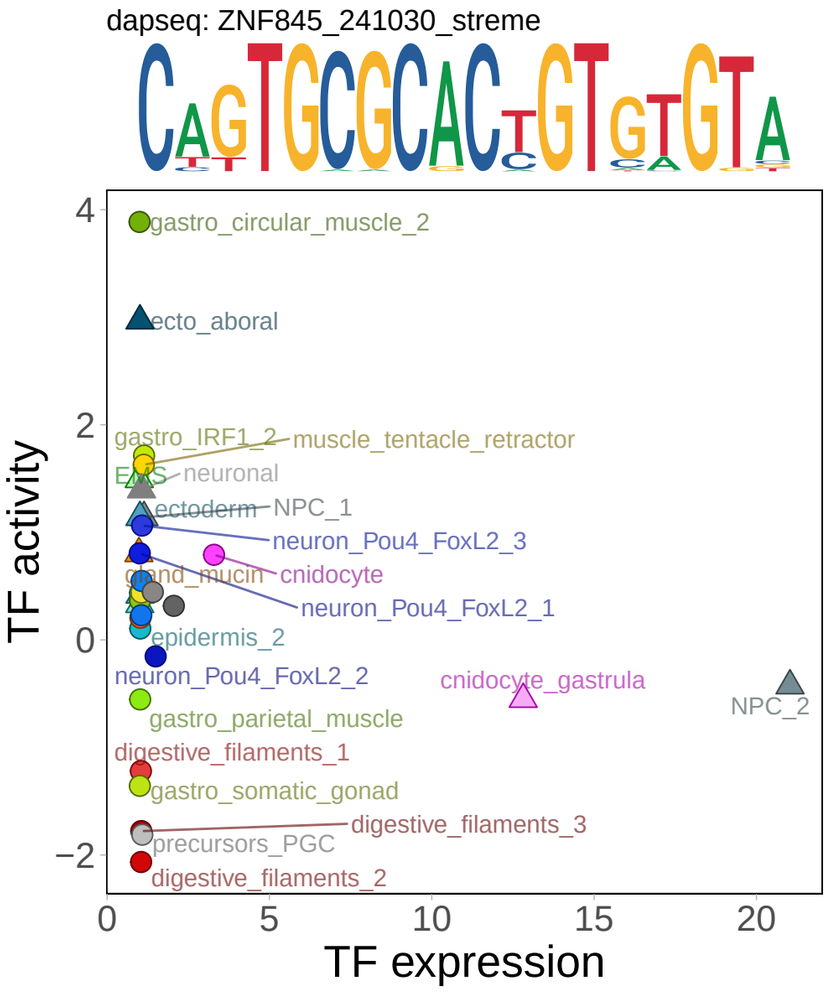
dapseq: ZNF845_241030_dimont



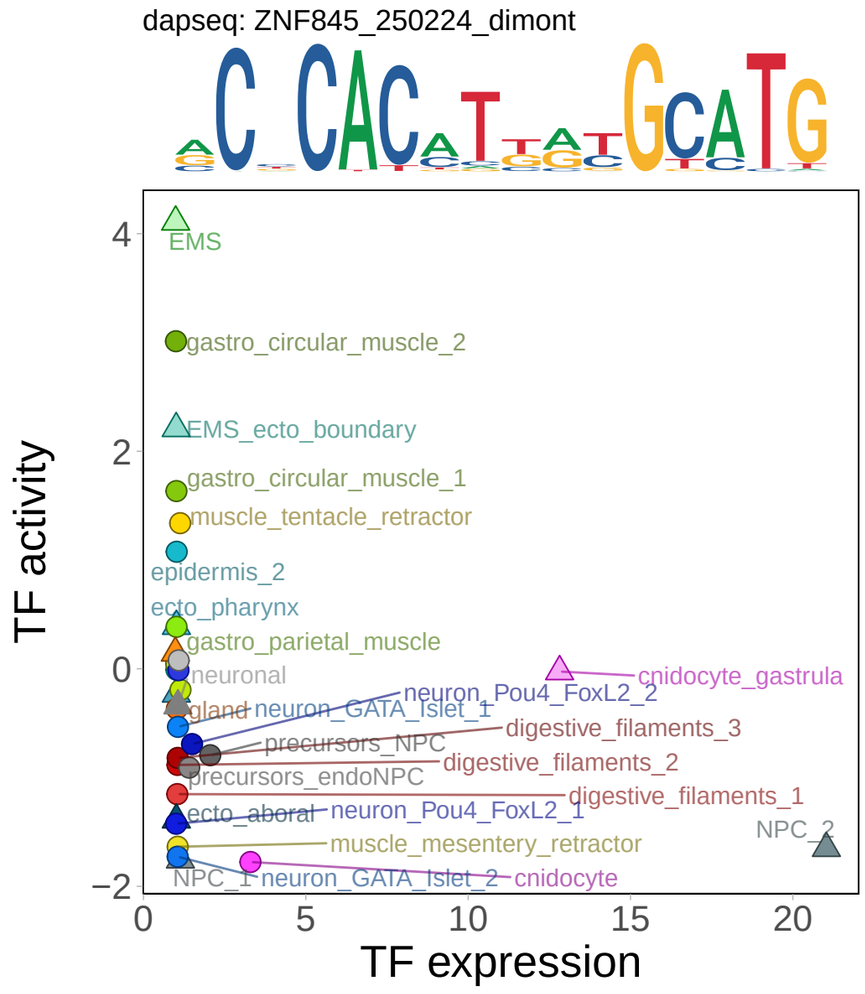
dapseq: ZNF845_241030_homer



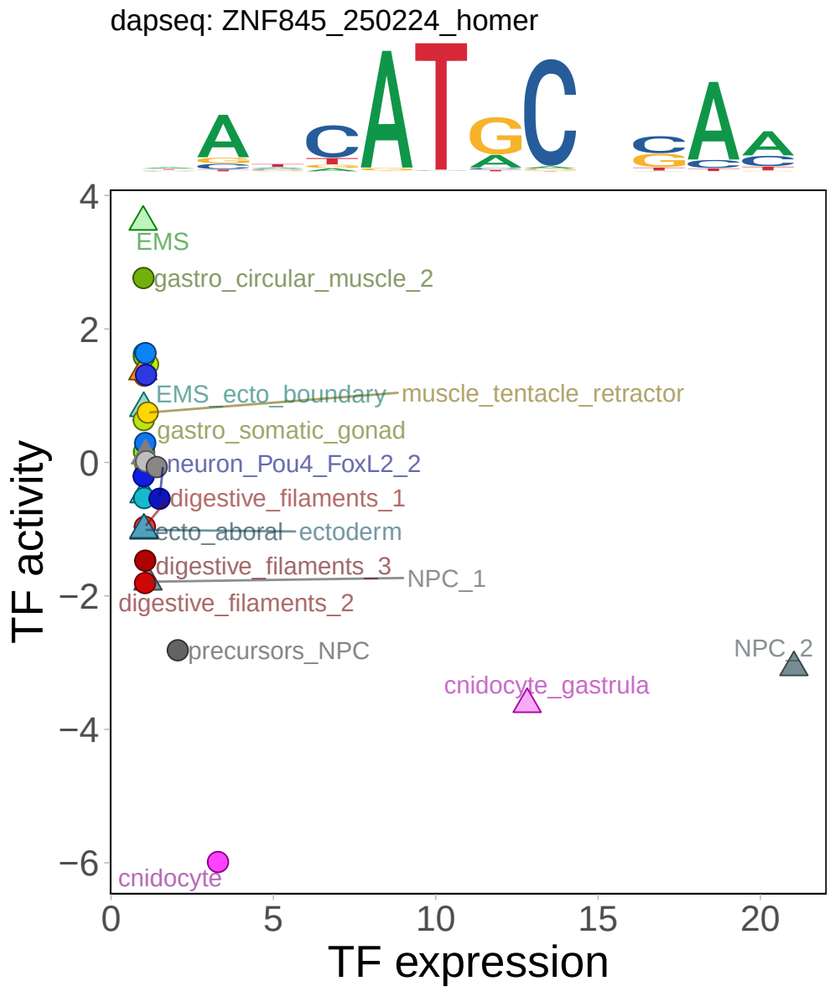
dapseq: ZNF845_241030_streme



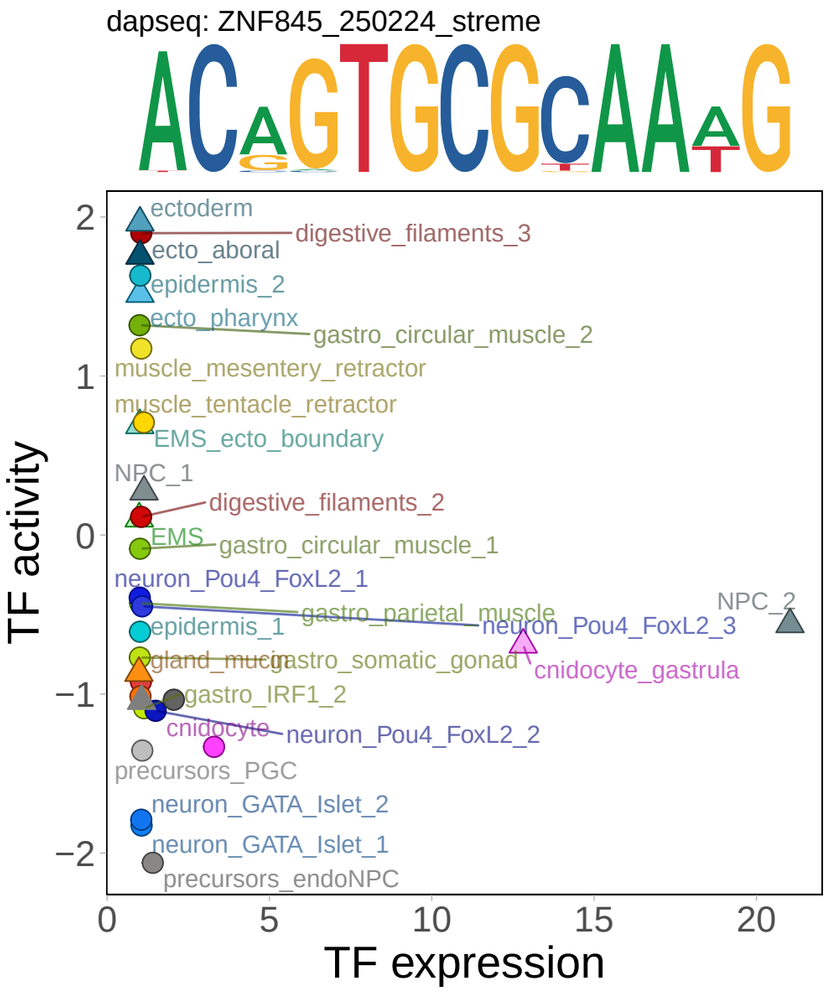
dapseq: ZNF845_250224_dimont



dapseq: ZNF845_250224_homer

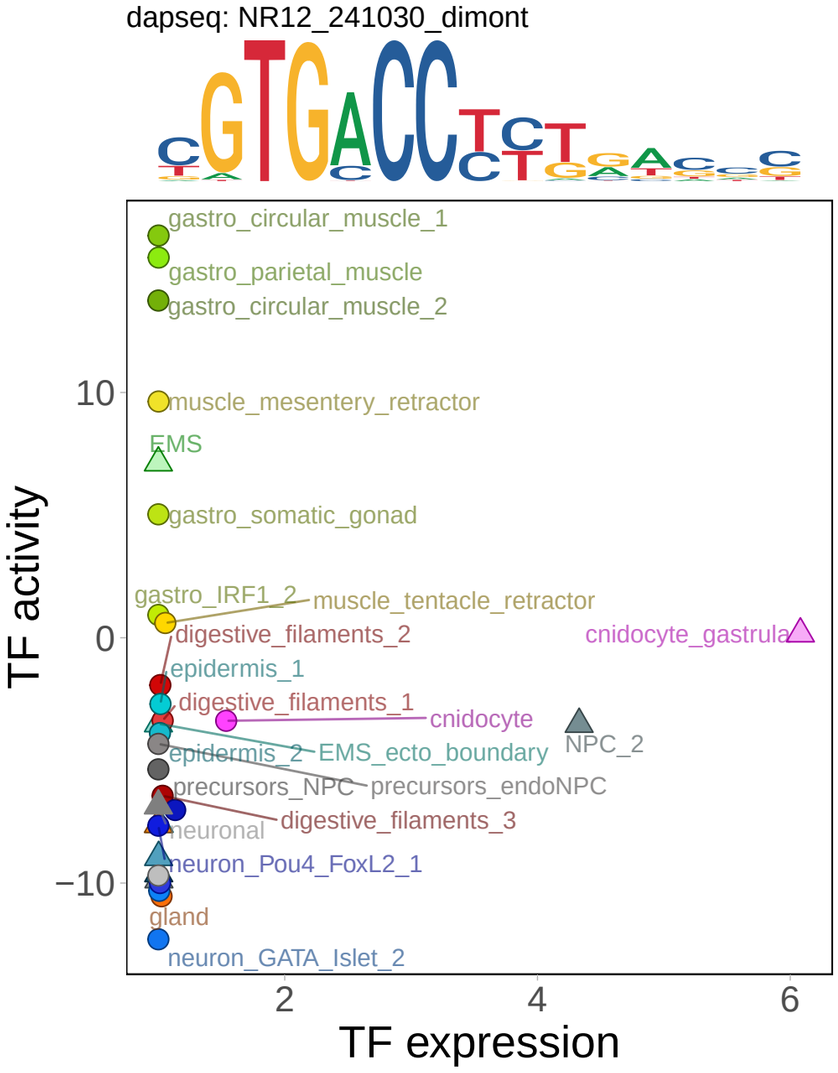


dapseq: ZNF845_250224_streme

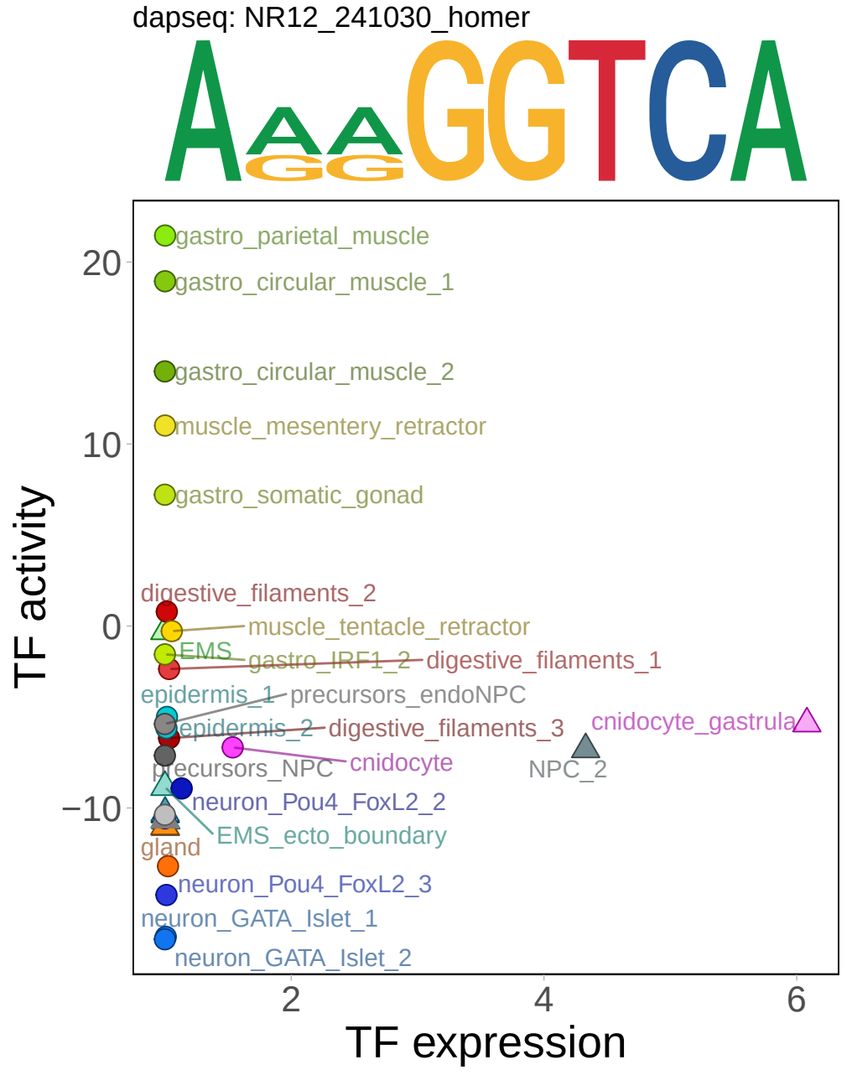


Nvec_vc1.1_XM_001634328.3 (NR12)
OG: zf−C4_Nuclear_receptors.HG1.24:like:NR2F1/NR2F2/NR2F6
PFAM: zf−C4/Hormone_recep

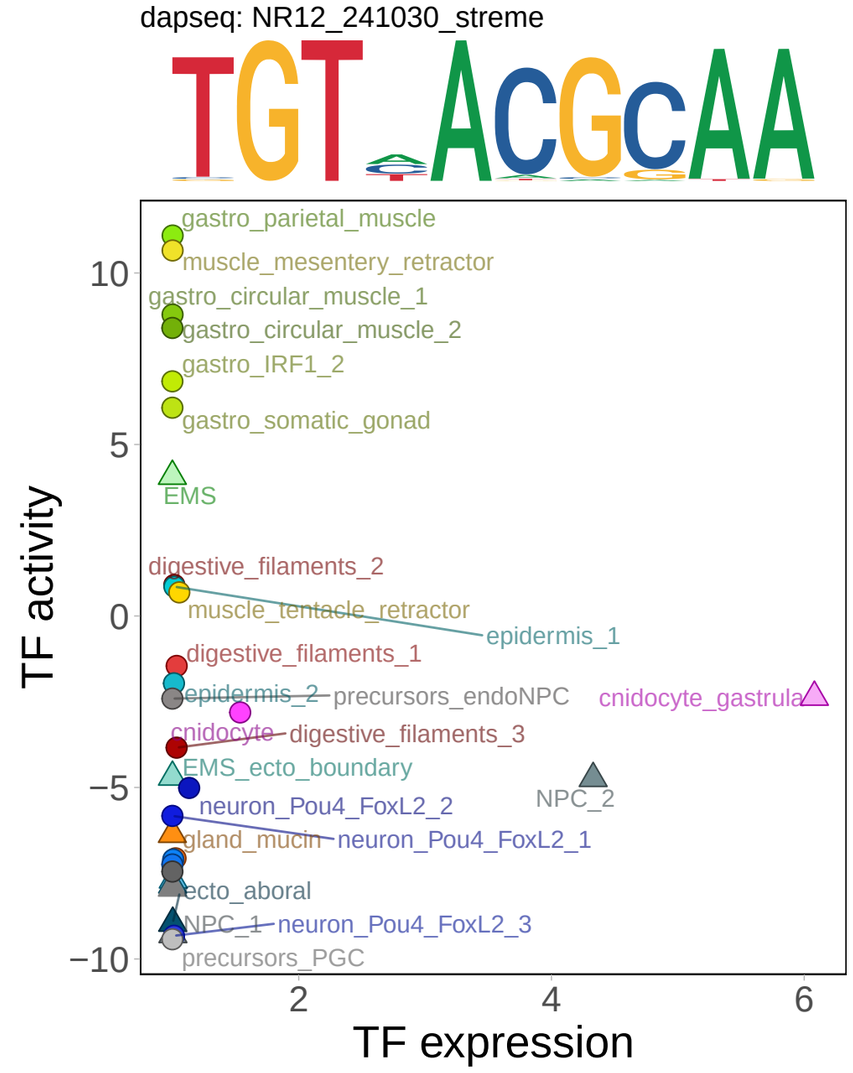
dapseq: NR12_241030_dimont



dapseq: NR12_241030_homer

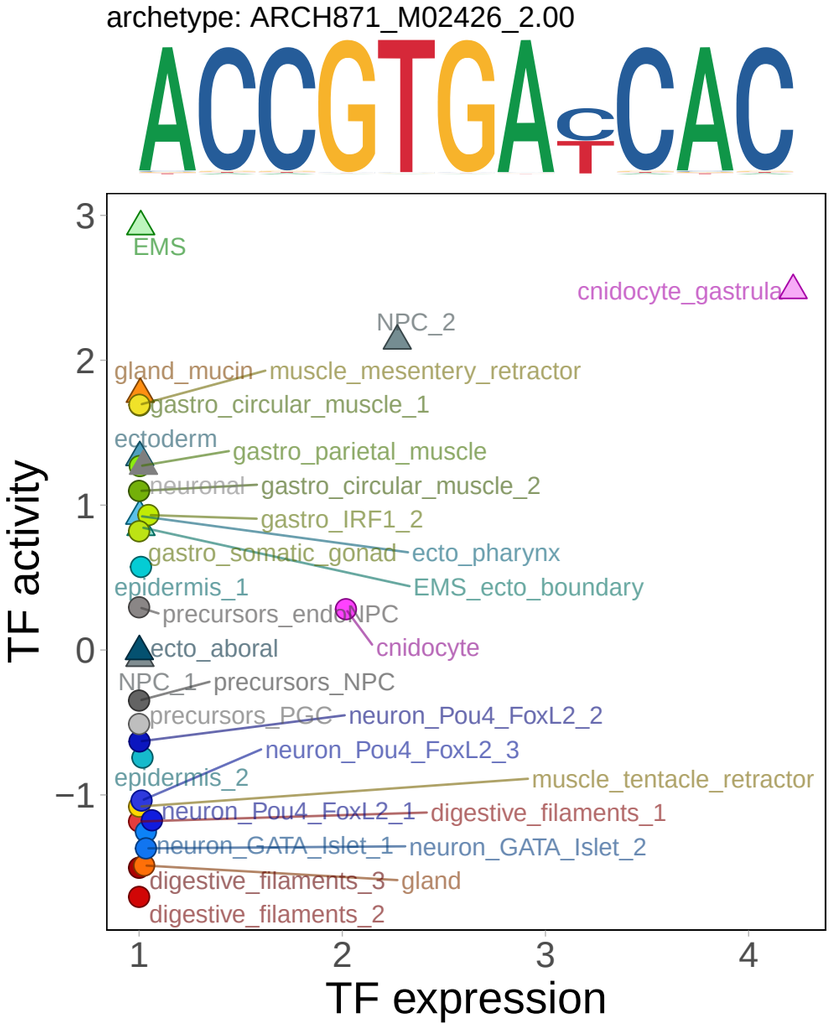


dapseq: NR12_241030_streme

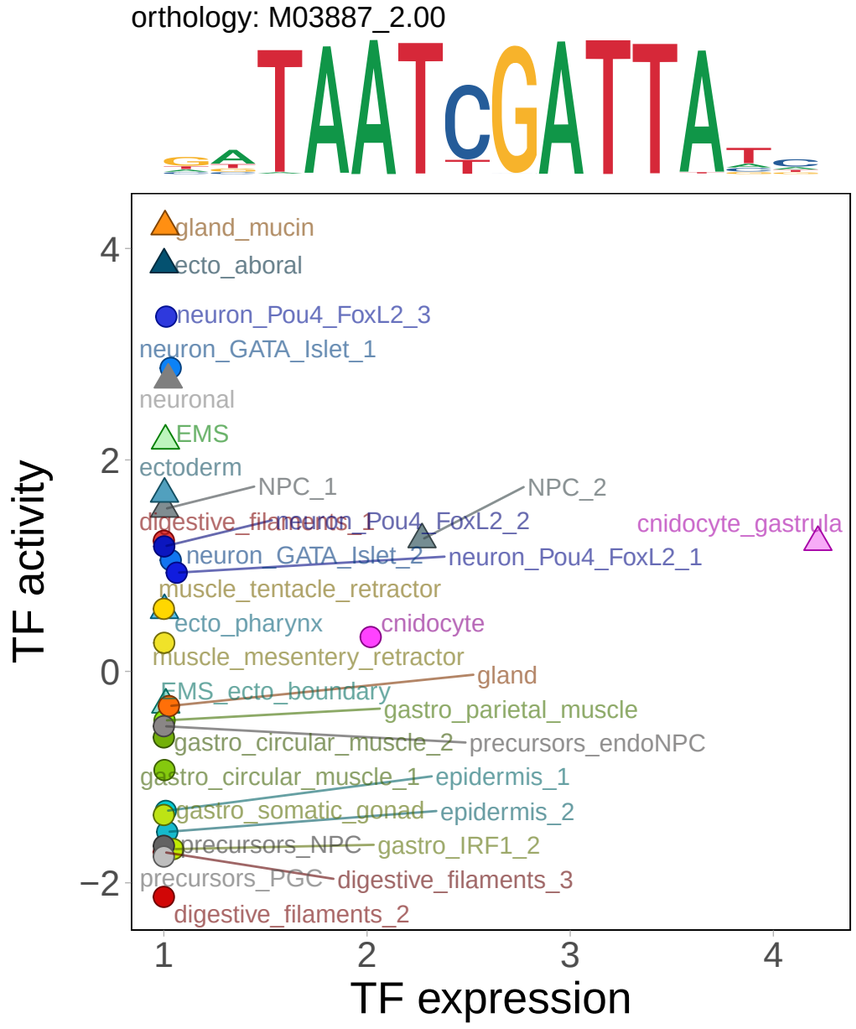


Nvec_vc1.1_XM_001631763.3 (PaxA)
OG: Homeodomains.HG2.49:like:PAX1/PAX9
PFAM: PAX

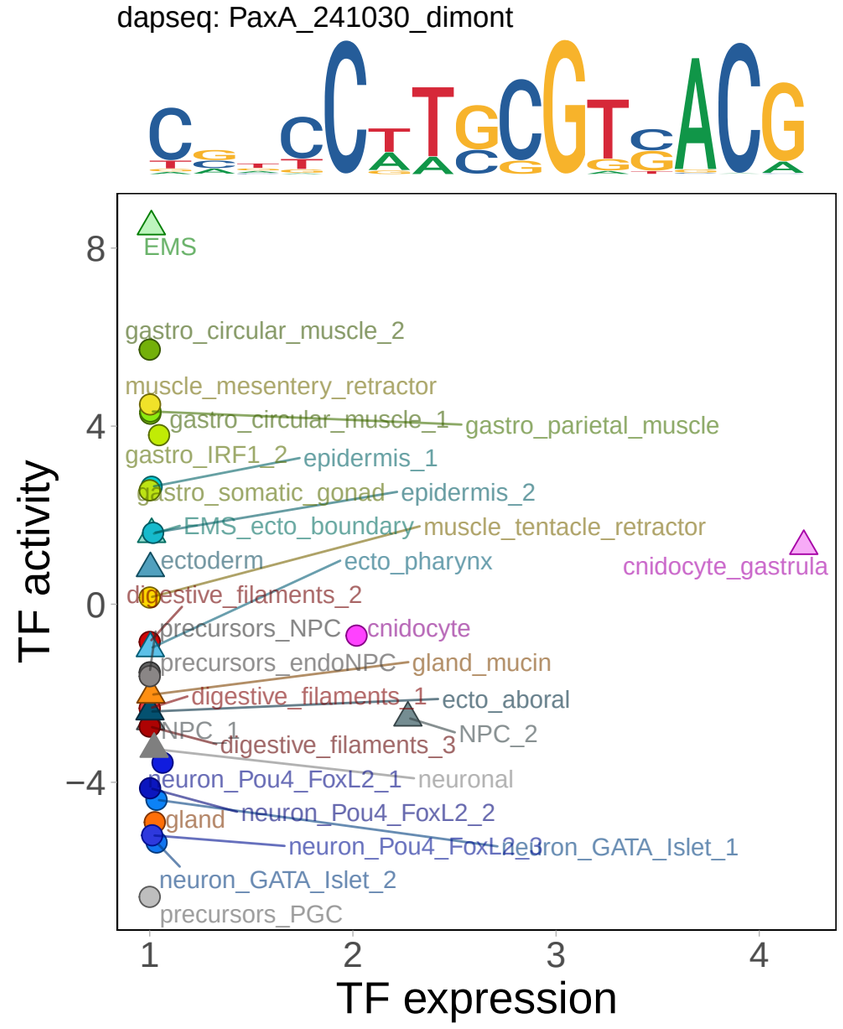
archetype: ARCH871_M02426_2.00



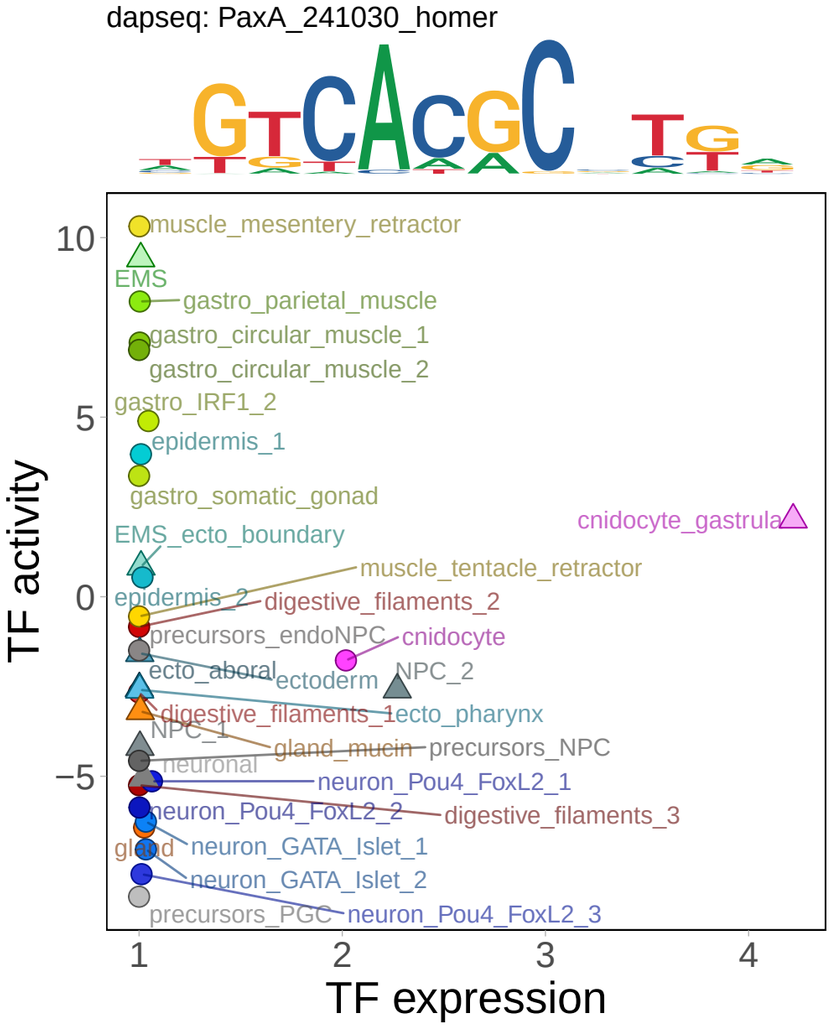
orthology: M03887_2.00



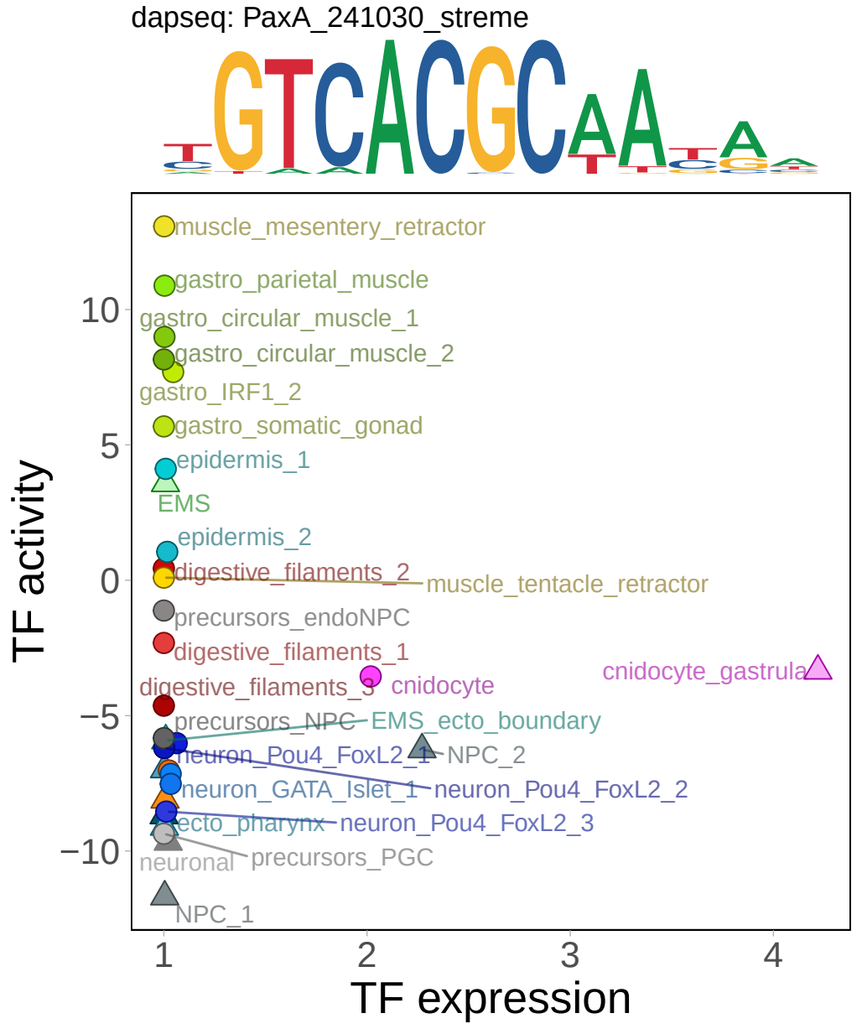
dapseq: PaxA_241030_dimont



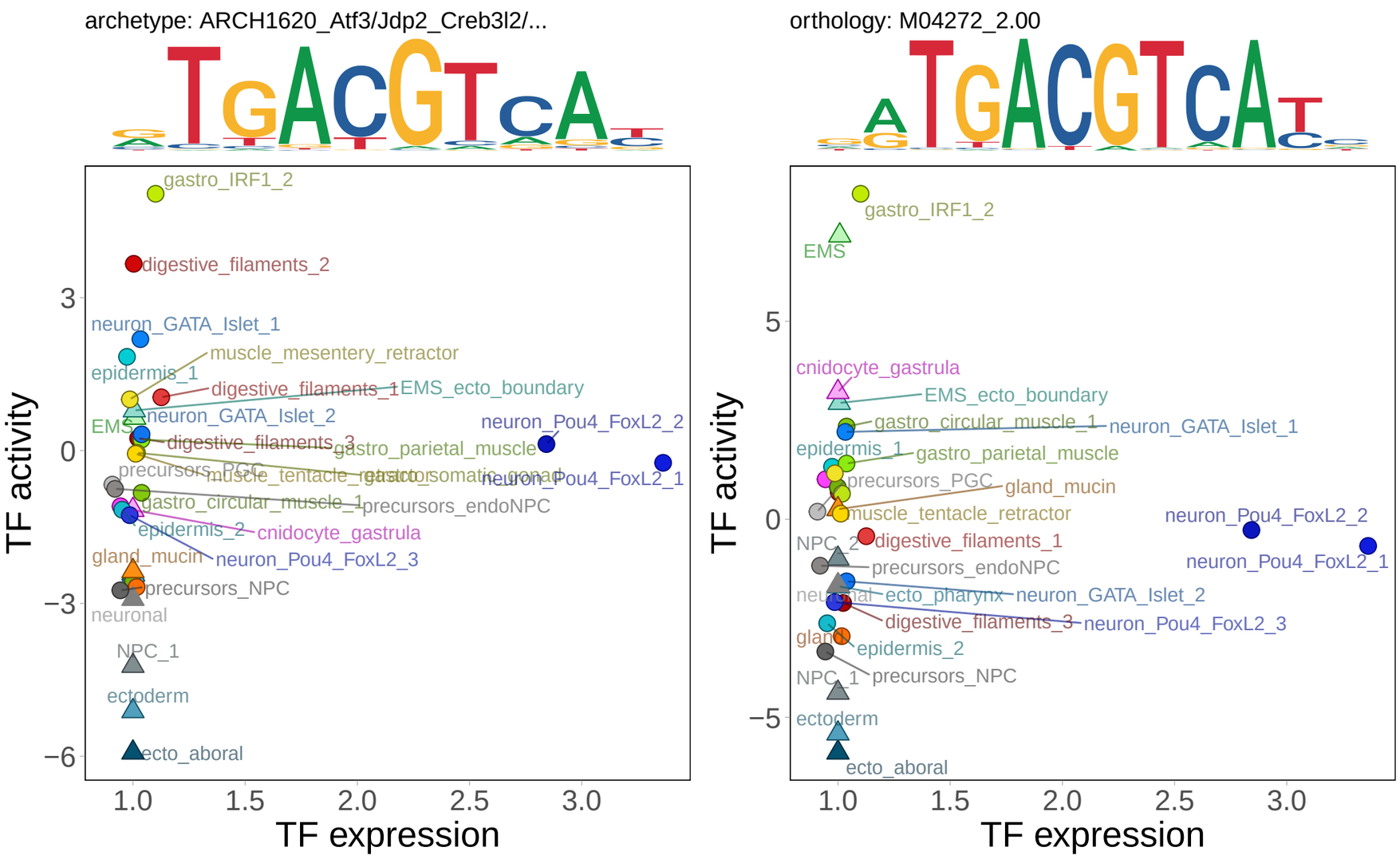
dapseq: PaxA_241030_homer



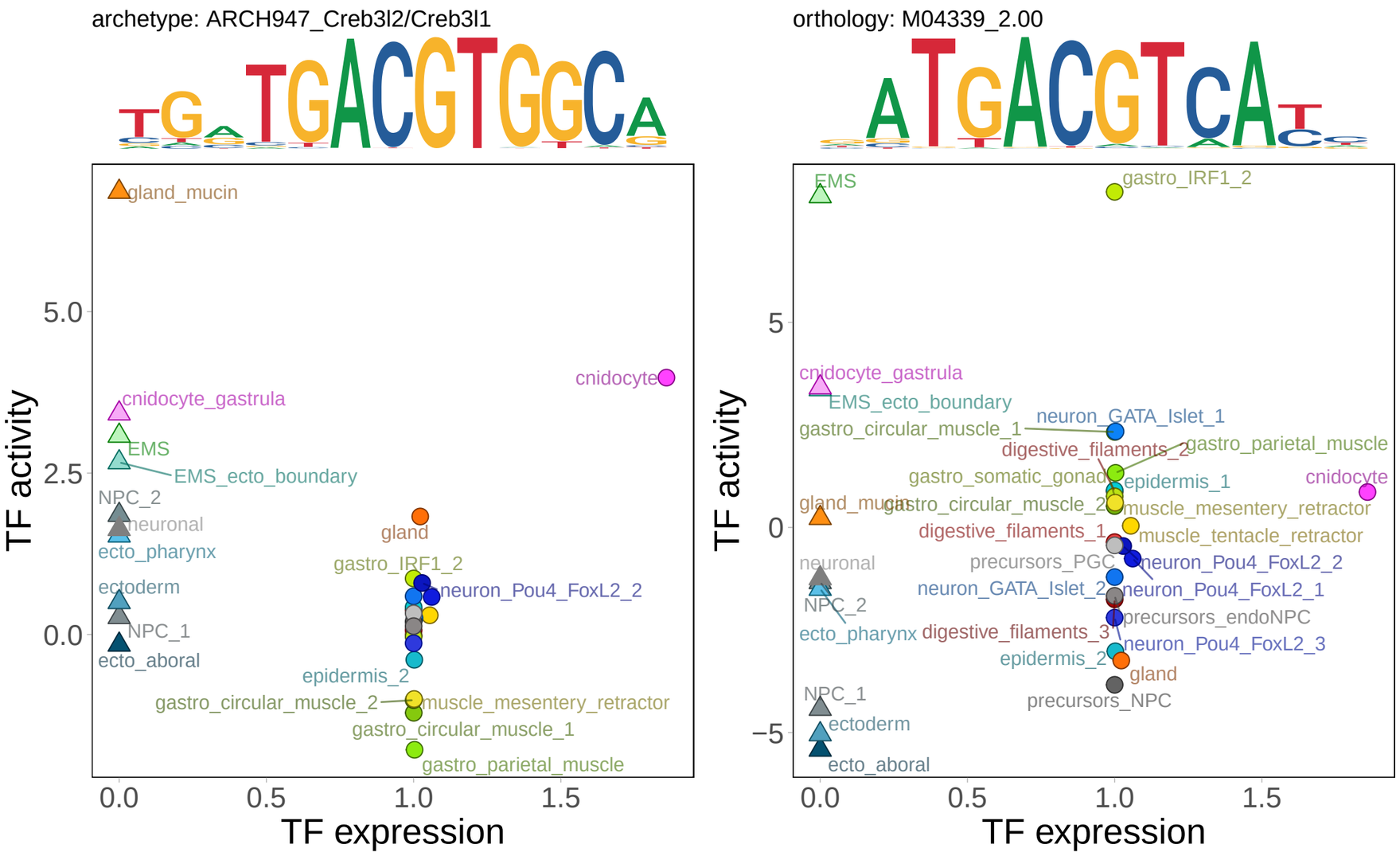
dapseq: PaxA_241030_streme



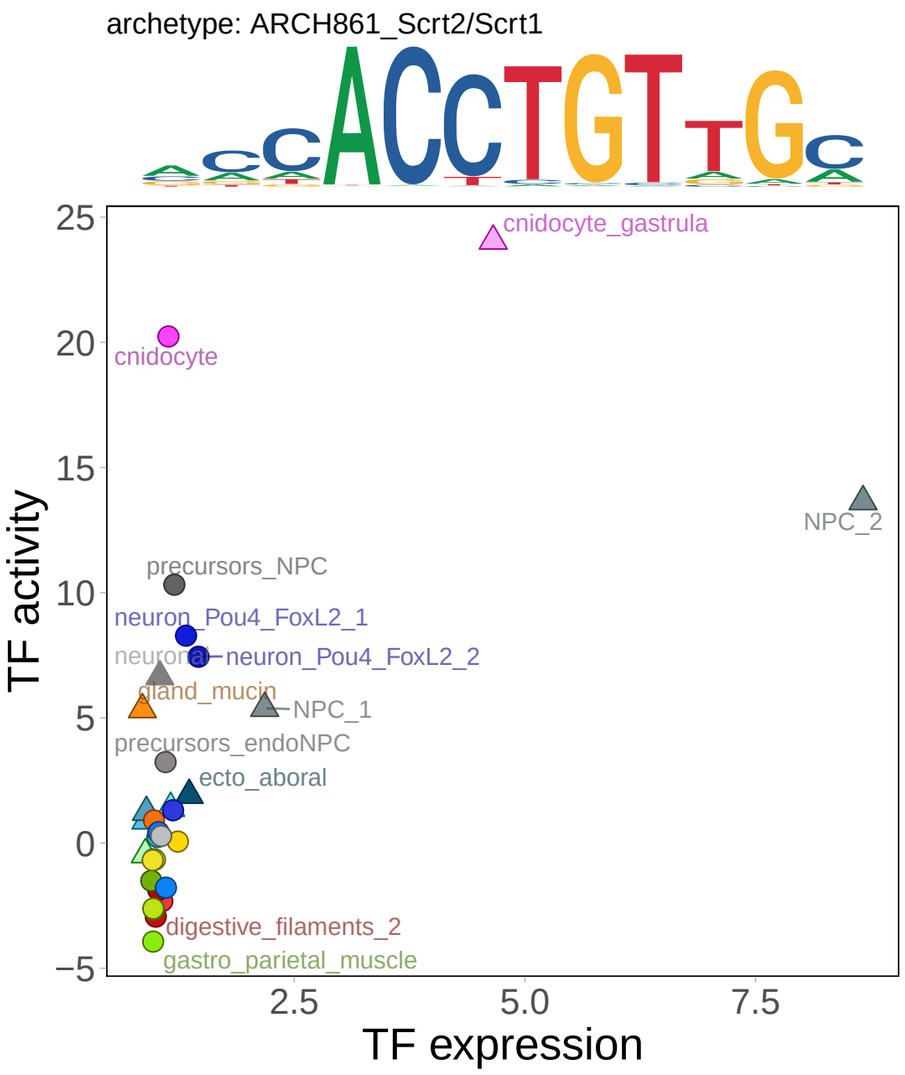
Nvec_vc1.1_XM_048730161.1 (Cnido−Fos1)
OG: bZIP.HG1.9:like:ATF3/ATF4/ATF5/FOS/FOSB/FOSL1/FOSL2/JDP2
PFAM: bZIP_1



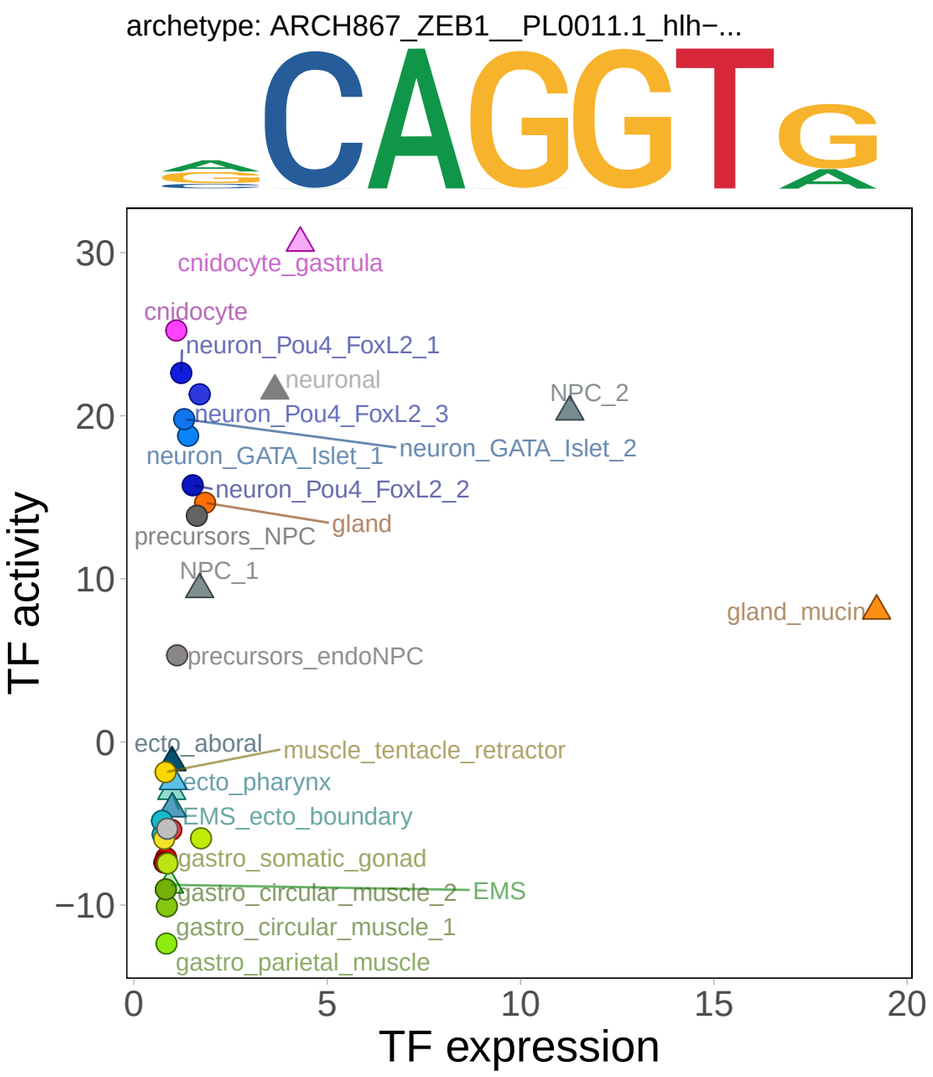
Nvec_vc1.1_XM_032385896.2 (Cnido−Jun)
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1



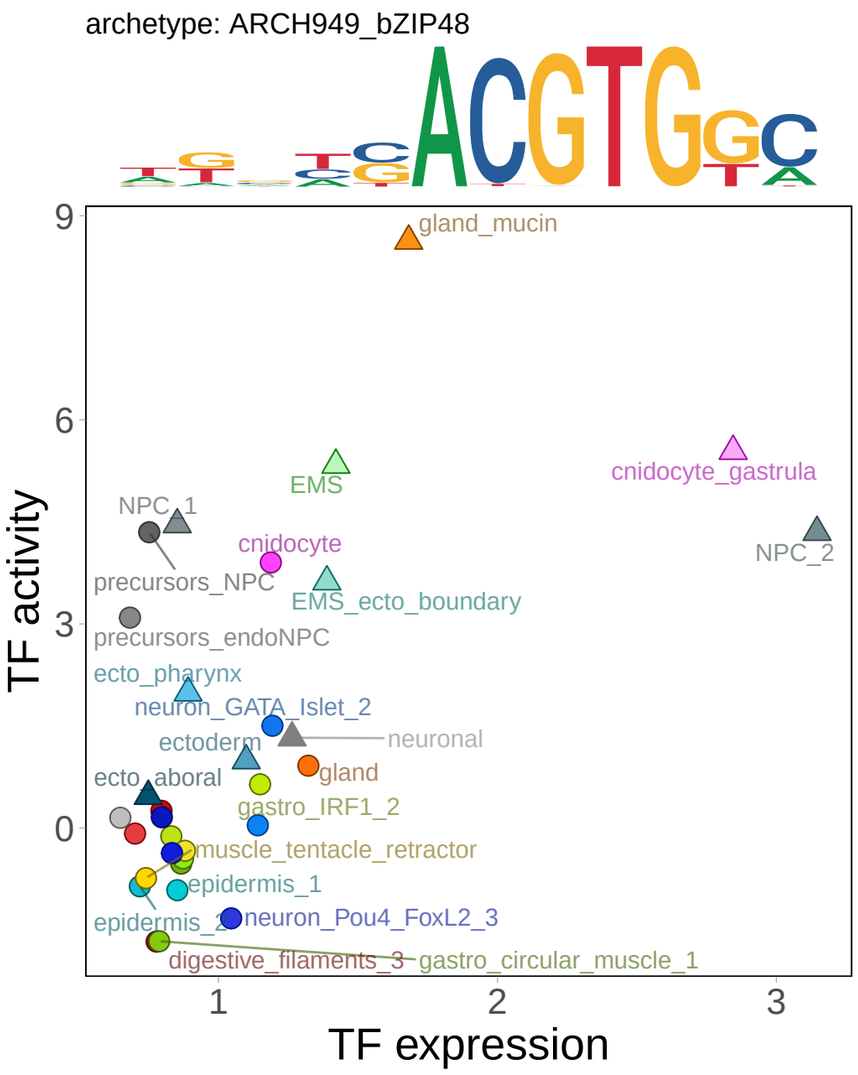
Nvec_v1g19278 (Klf13)
OG: zf−C2H2.HG2.12:KLF9/KLF13/KLF14/KLF16
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

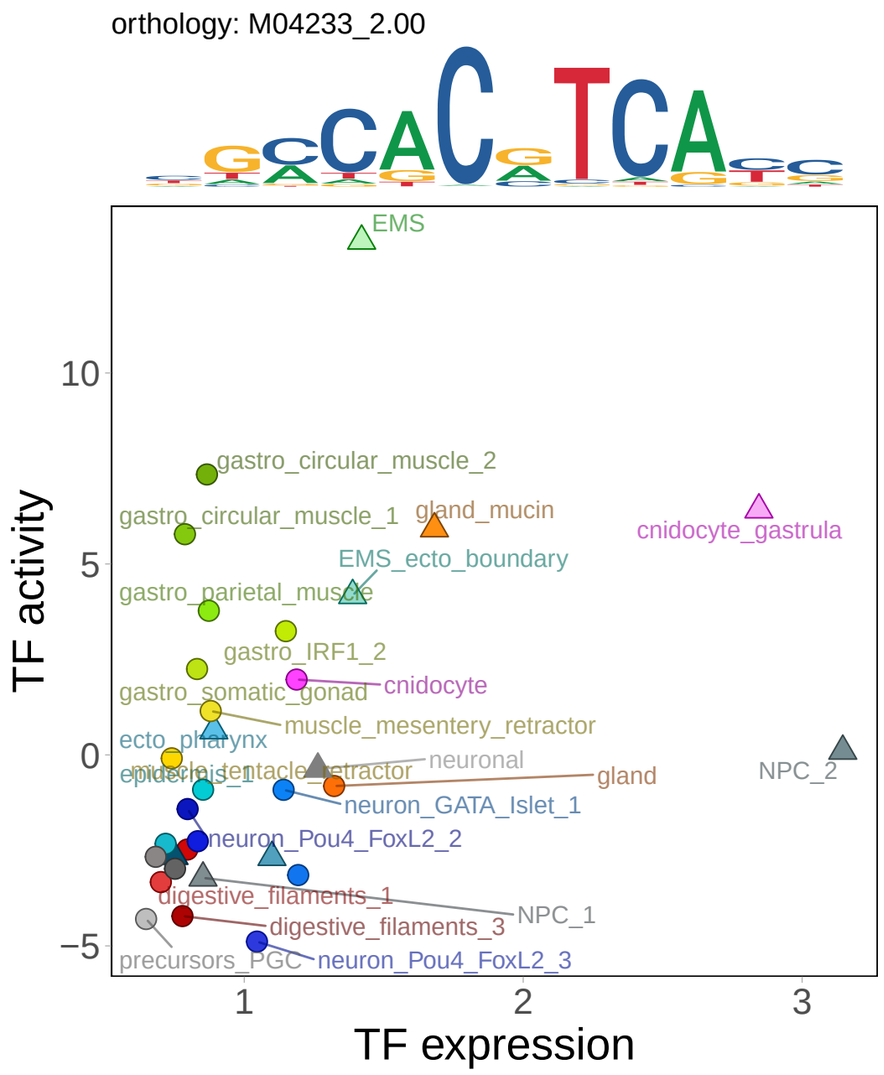


Nvec_vc1.1_XM_001633819.3 (BHMG1)
OG: HLH.HG1.3:BHMG1
PFAM: HLH

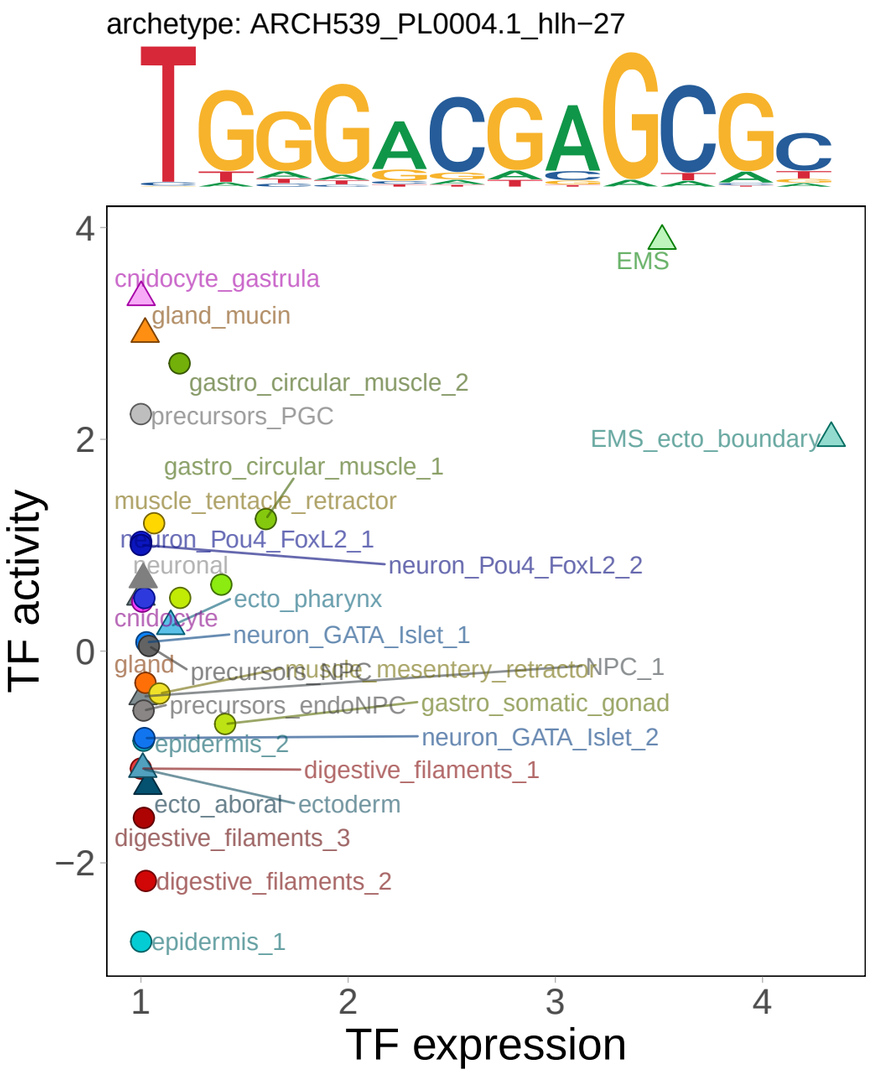


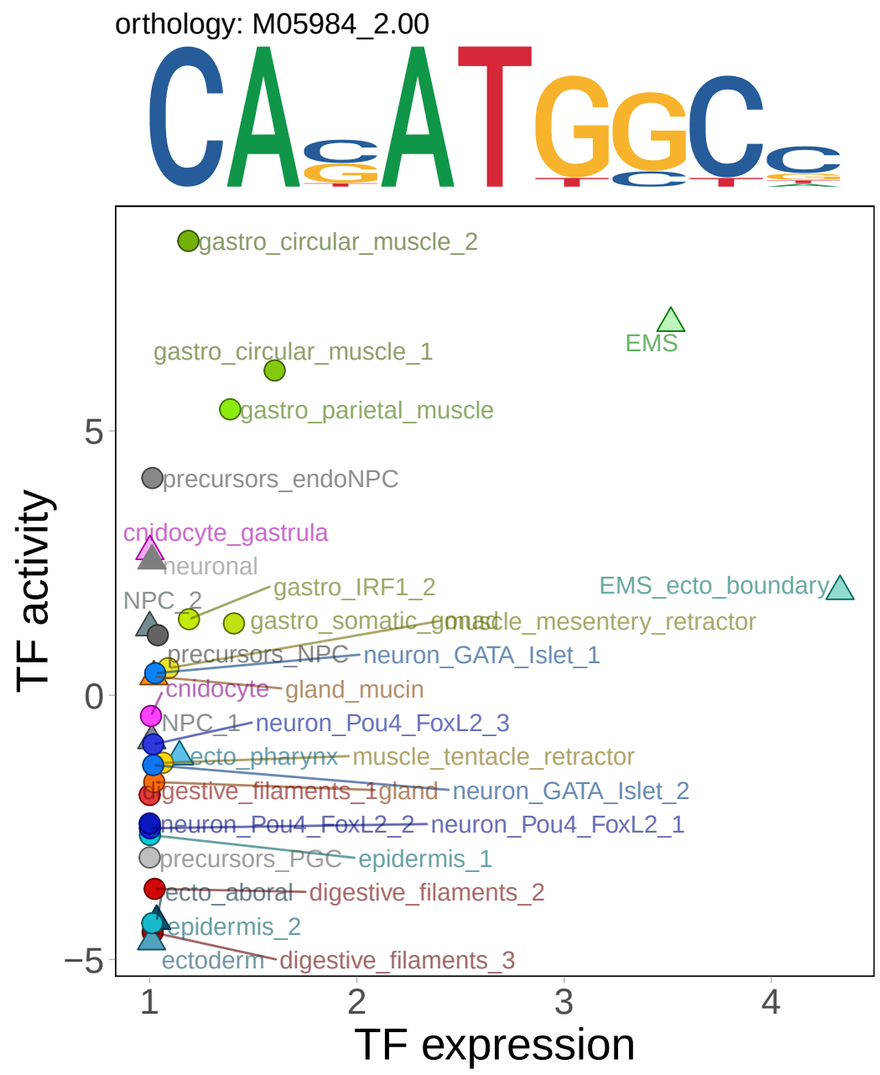
Nvec_vc1.1_XM_001629694.3 (XBP1)
OG: bZIP.HG1.16:XBP1
PFAM: bZIP_1



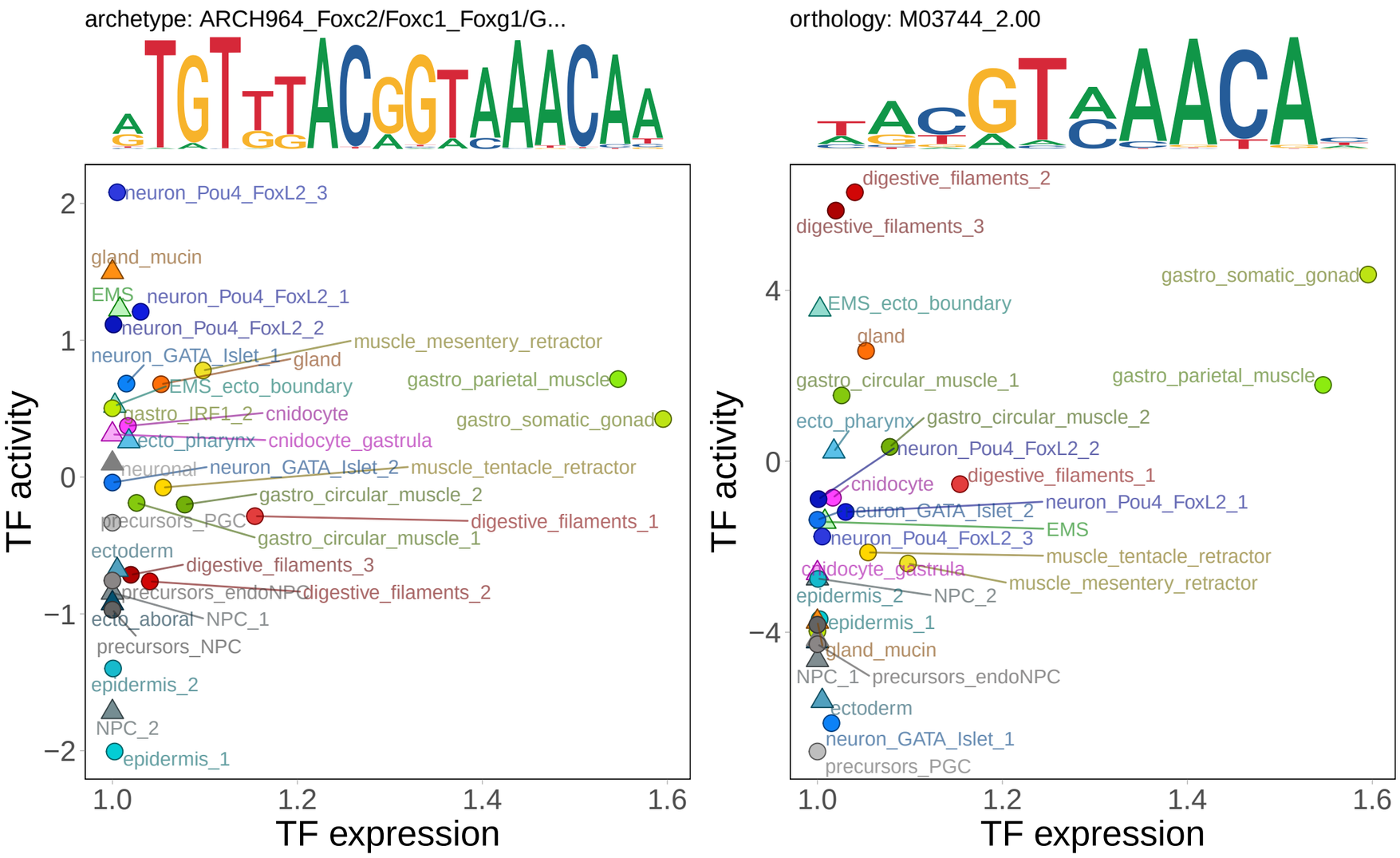


Nvec_vc1.1_XM_032381908.2 (Hand2)
OG: HLH.HG1.66:like:HAND1/HAND2
PFAM: HLH

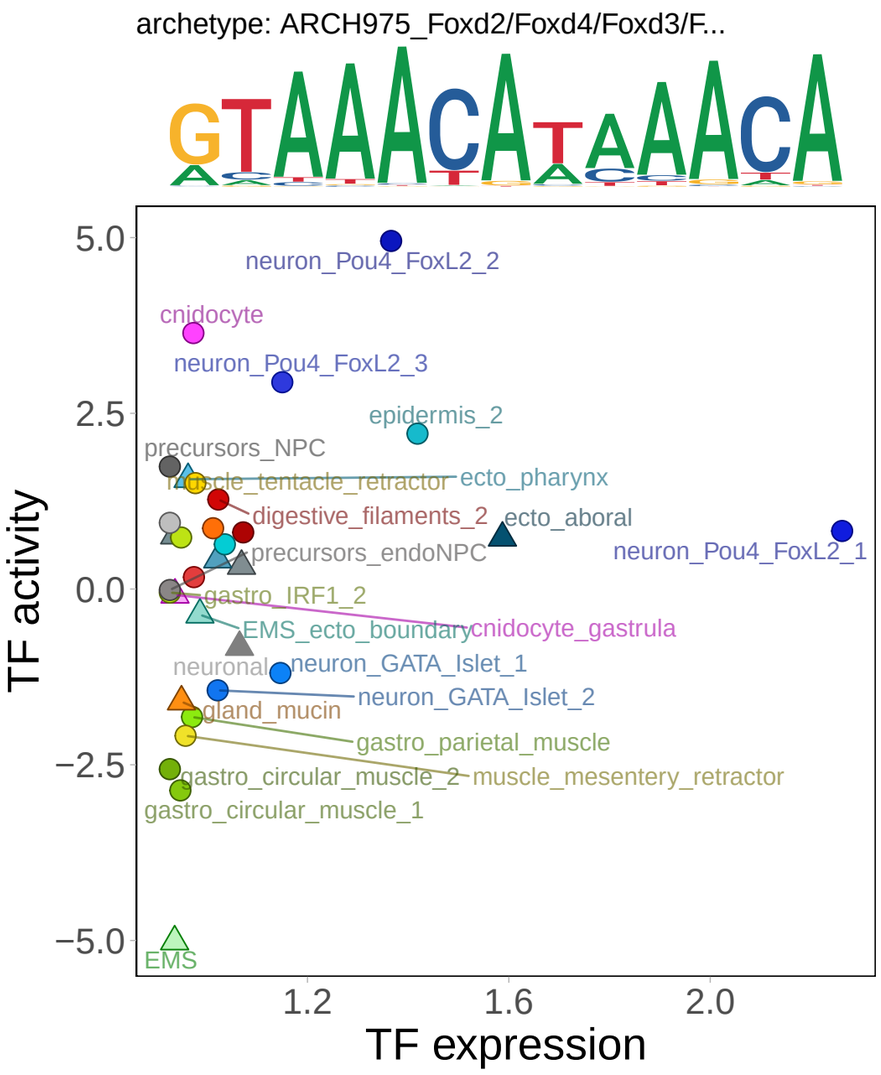


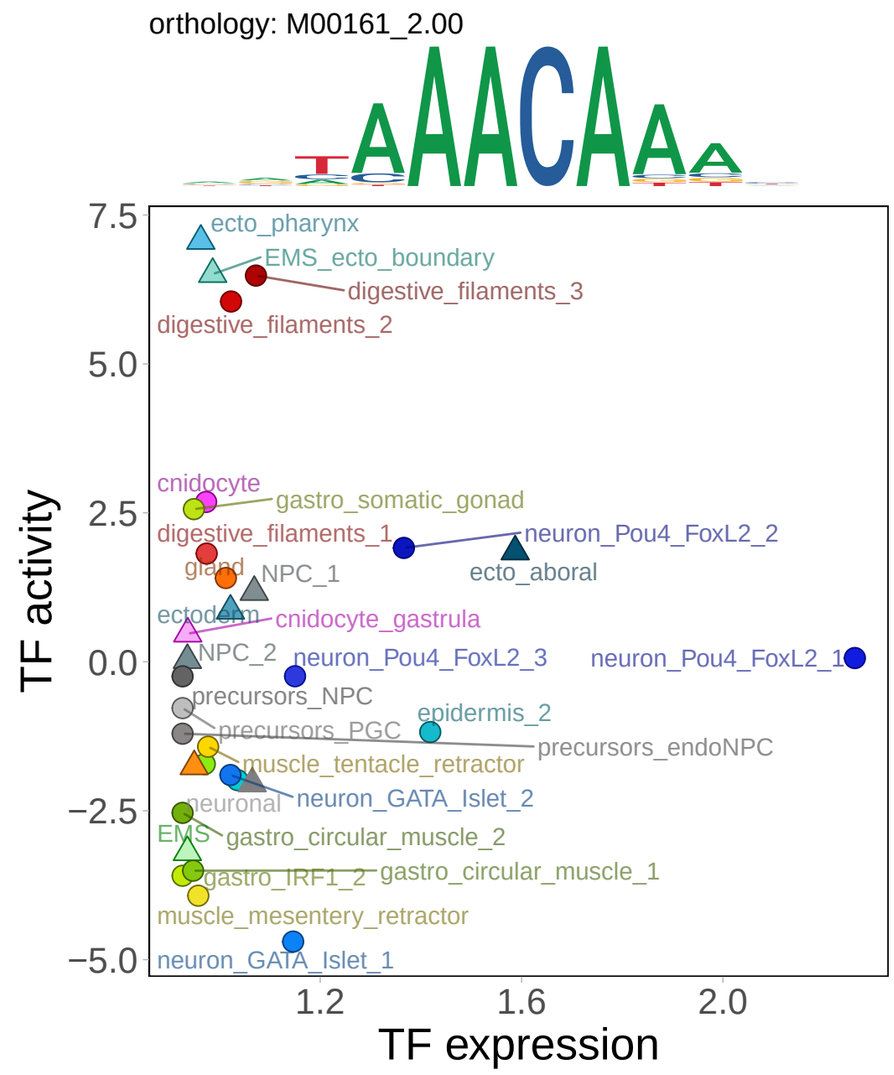


Nvec_vc1.1_XM_001625950.3 (FoxC)
OG: Forkhead.HG1.10:FOXC1/FOXC2
PFAM: Forkhead

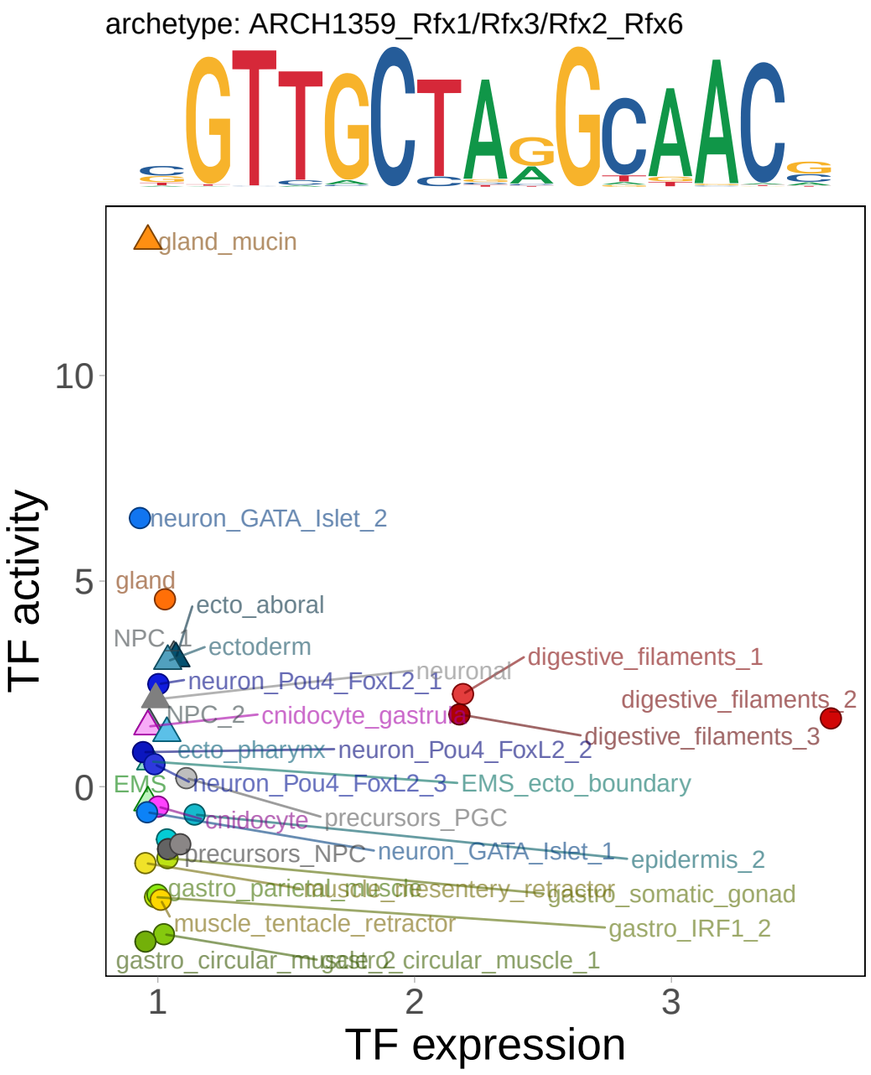


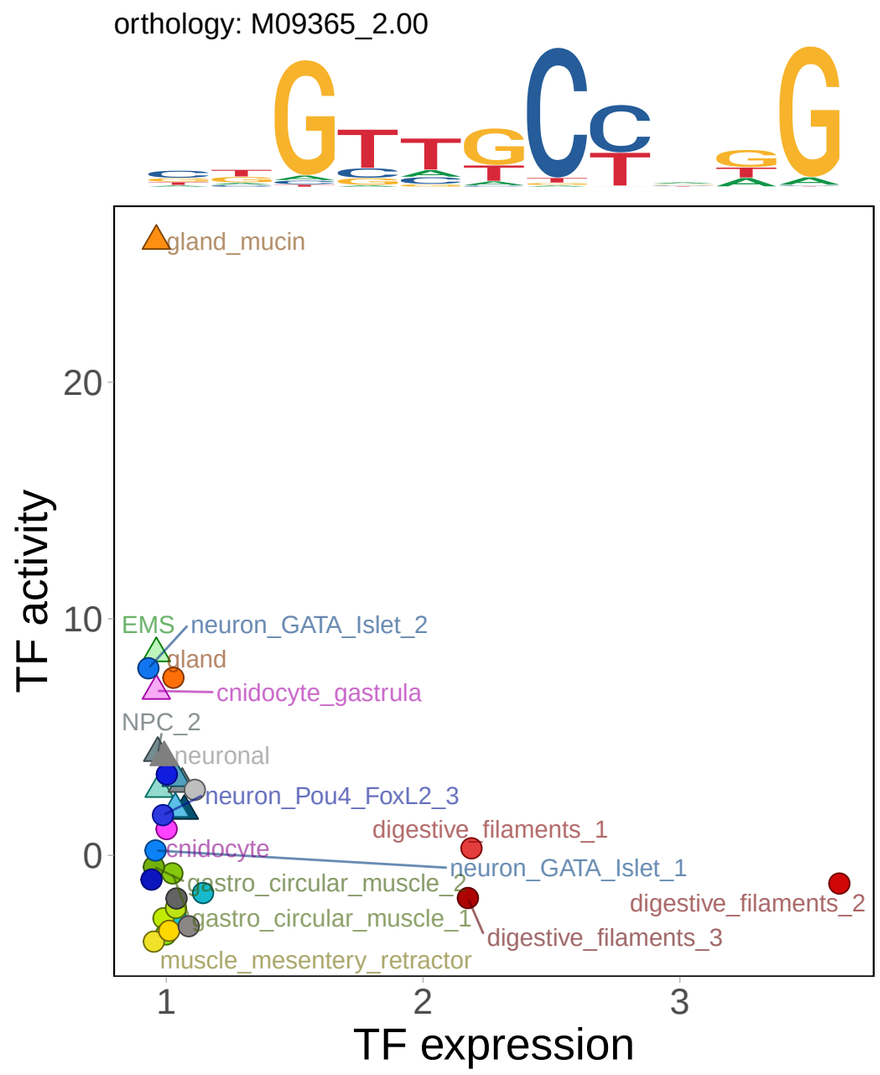
Nvec_vc1.1_XM_001636889.3 (FoxJ1)
OG: Forkhead.HG1.24:FOXJ1
PFAM: Forkhead





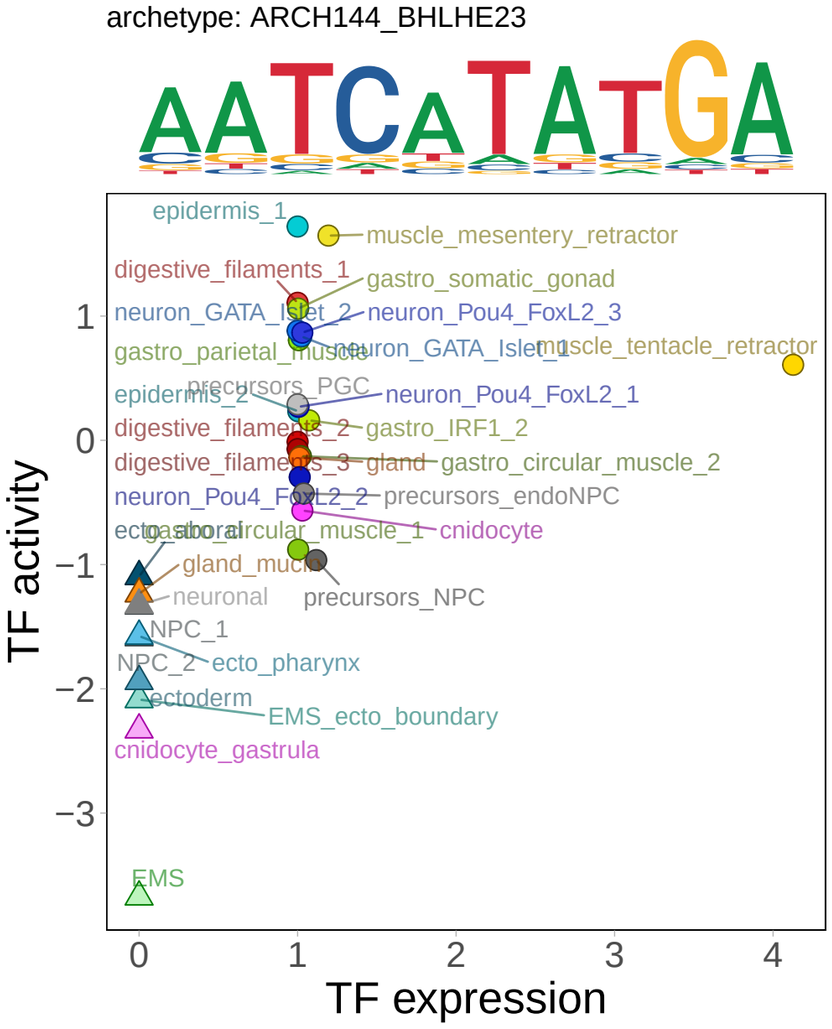
Nvec_vc1.1_XM_032365096.2 (Rfx4/6/8)
OG: RFX.HG1.7:RFX6
PFAM: RFX_DNA_binding



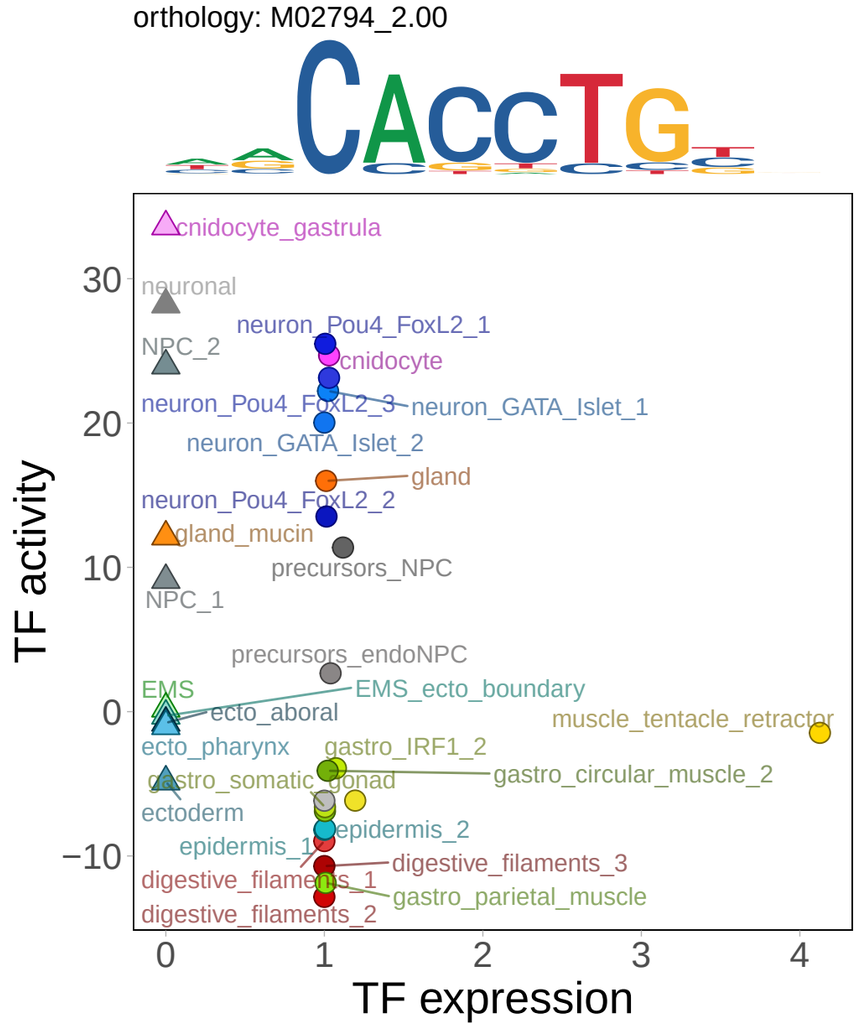


Nvec_vc1.1_XM_001634938.2 (Nem64)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH

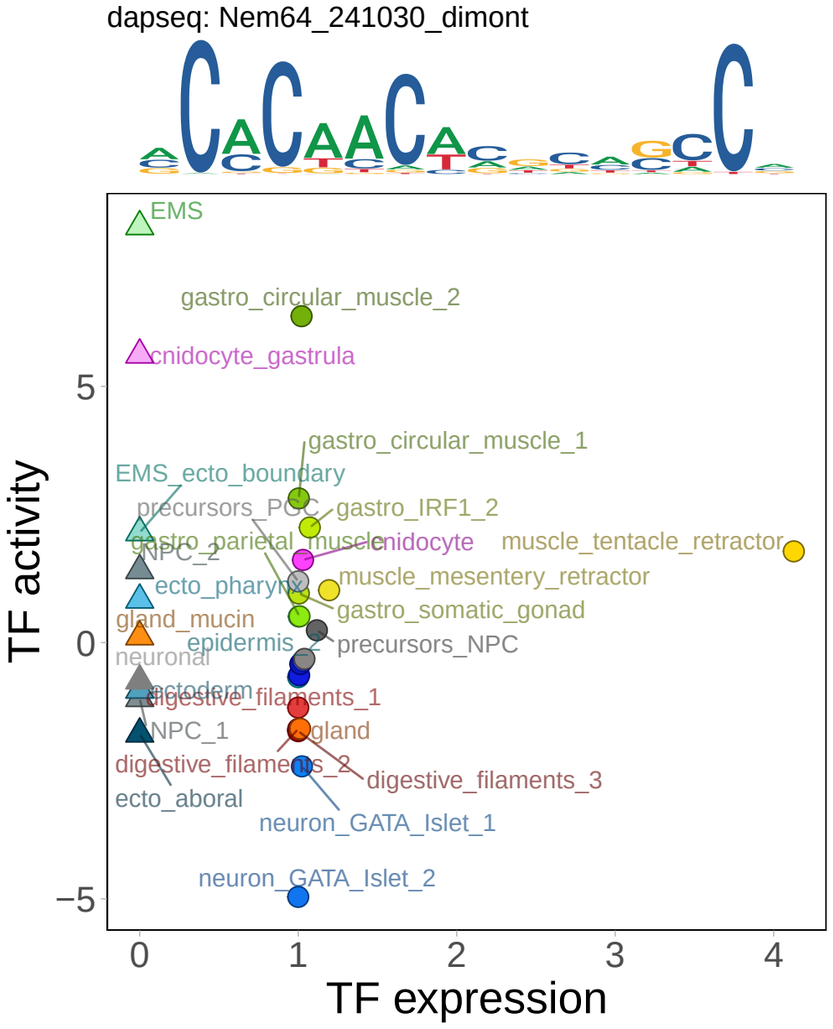
archetype: ARCH144_BHLHE23



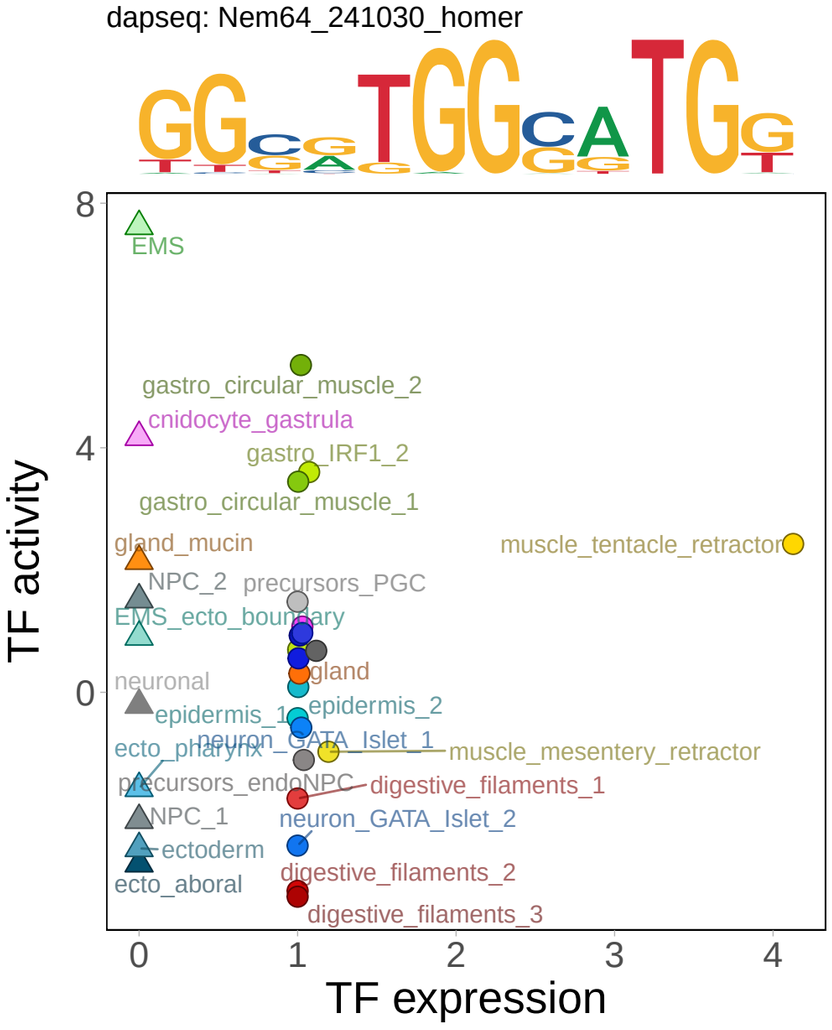
orthology: M02794_2.00



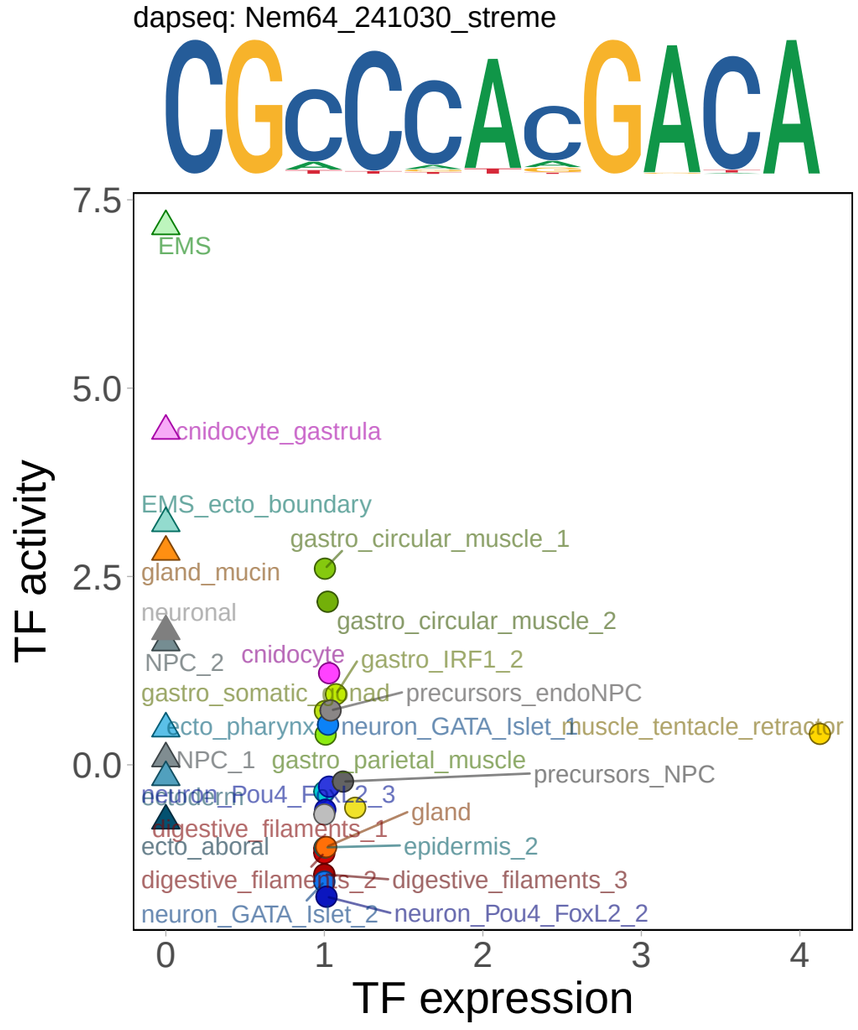
dapseq: Nem64_241030_dimont



dapseq: Nem64_241030_homer

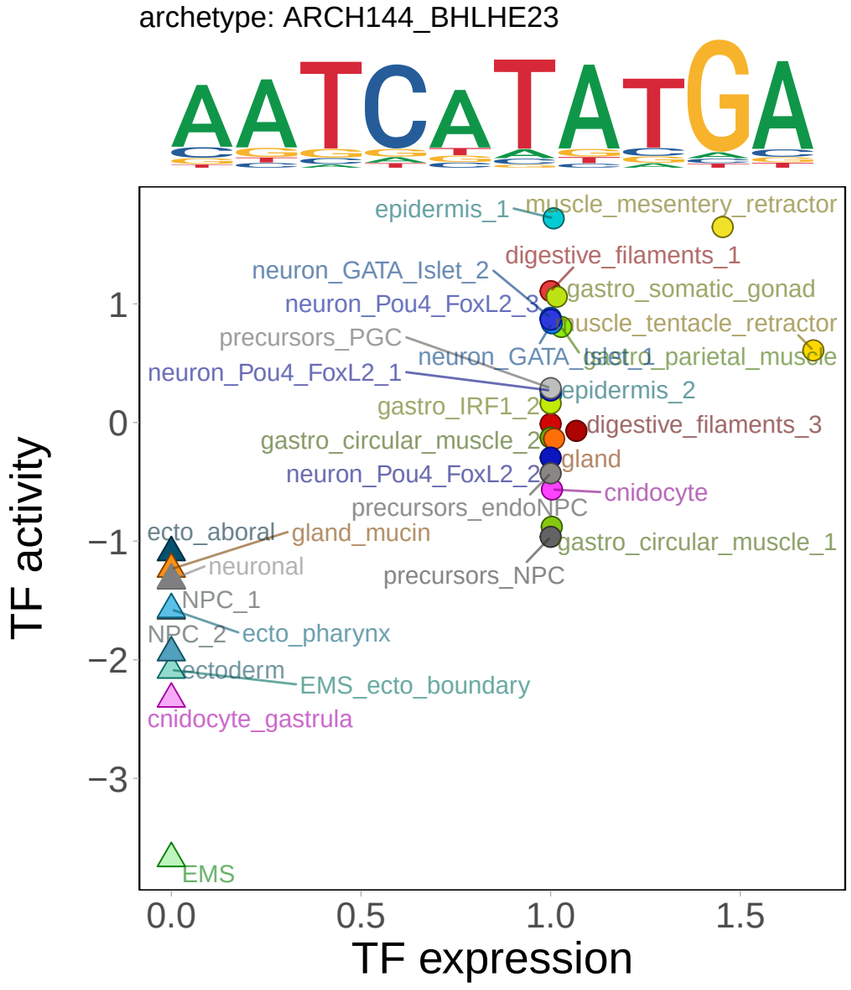


dapseq: Nem64_241030_streme

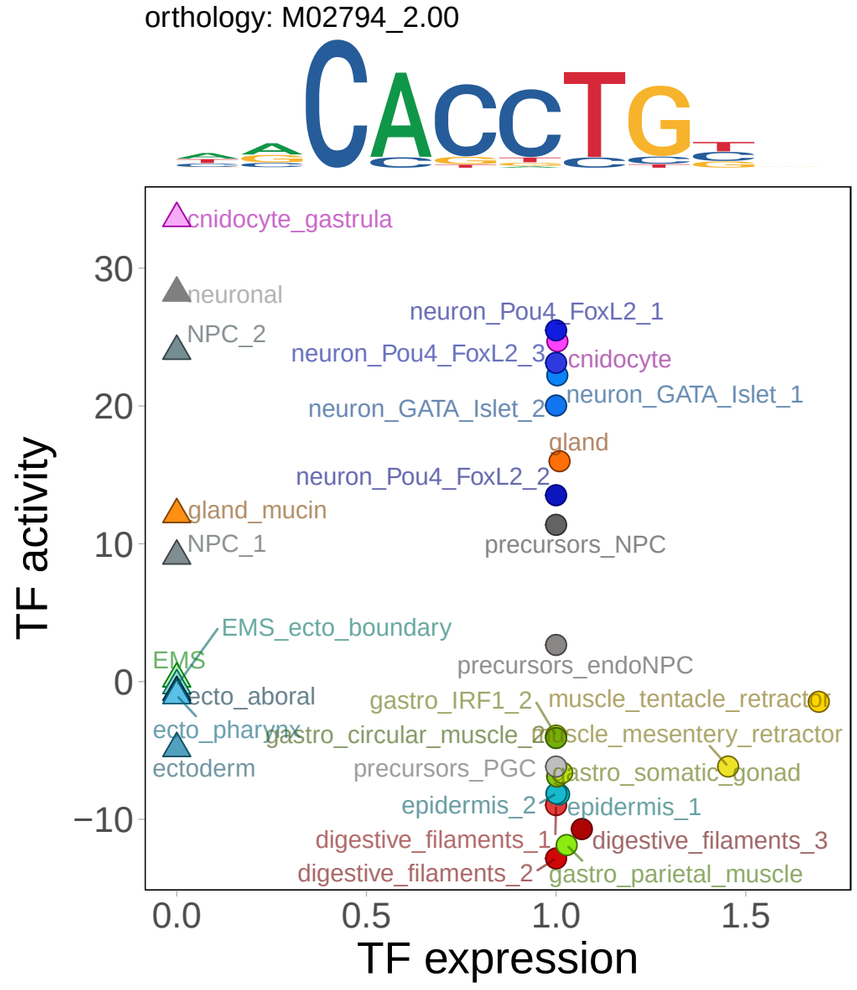


Nvec_vc1.1_XM_032385184.2 (Nem24)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH

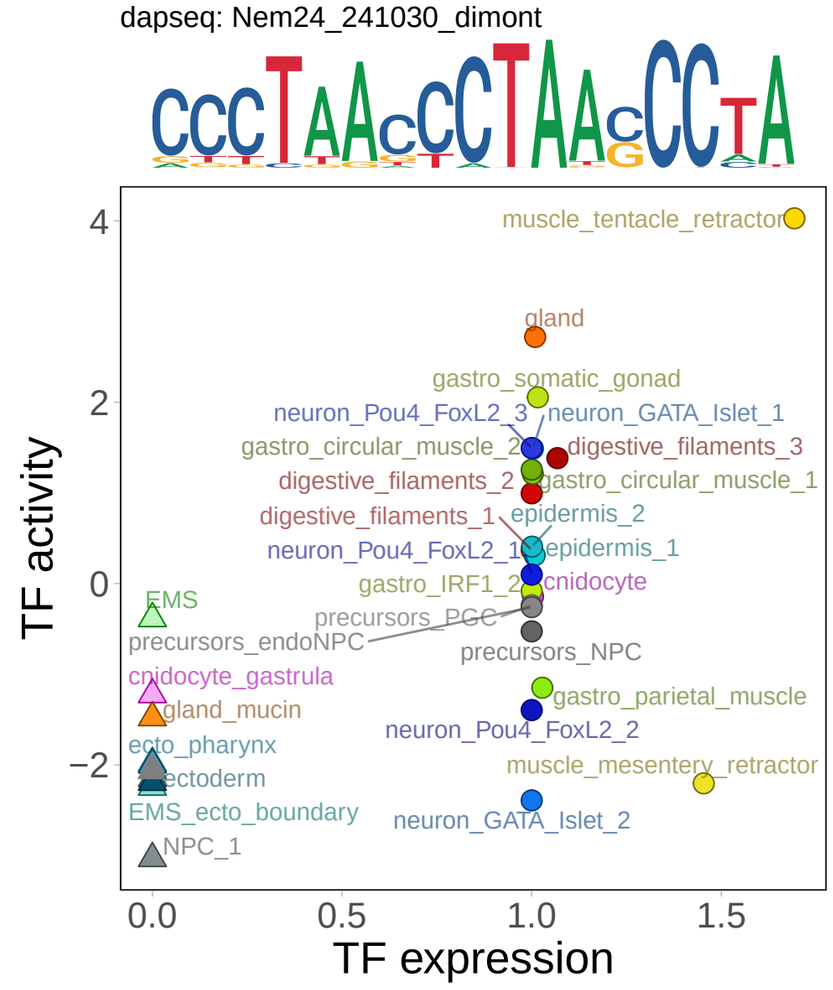
archetype: ARCH144_BHLHE23



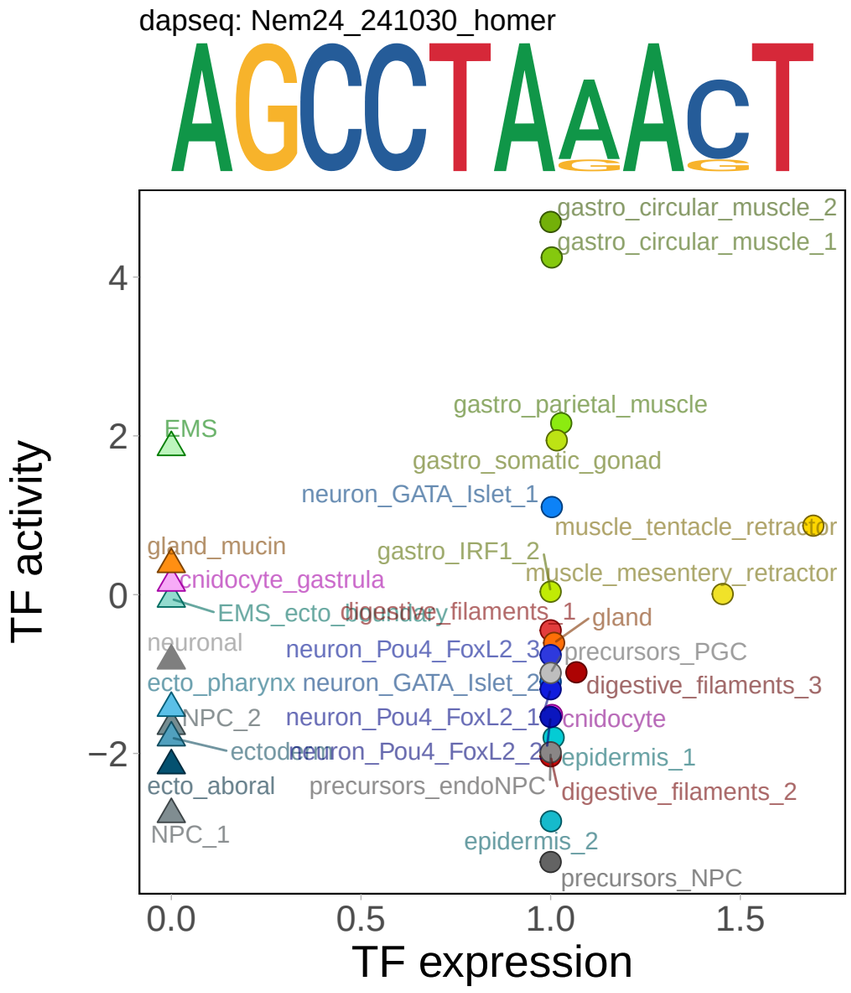
orthology: M02794_2.00



dapseq: Nem24_241030_dimont



dapseq: Nem24_241030_homer



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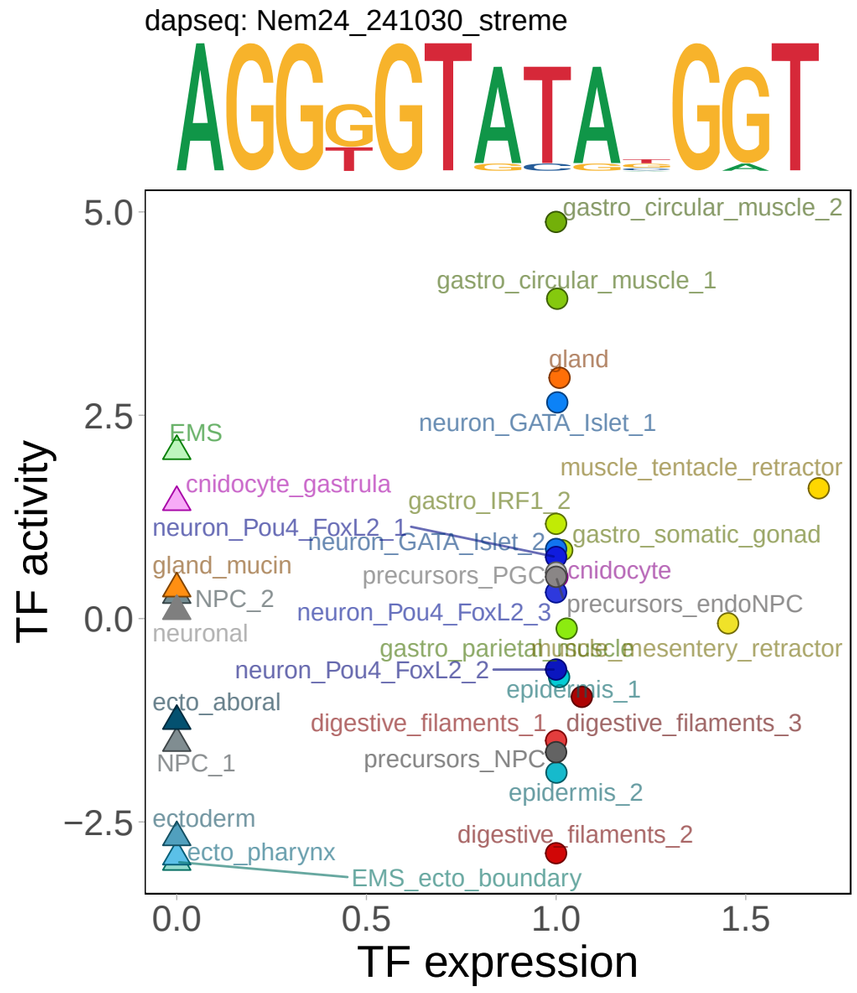
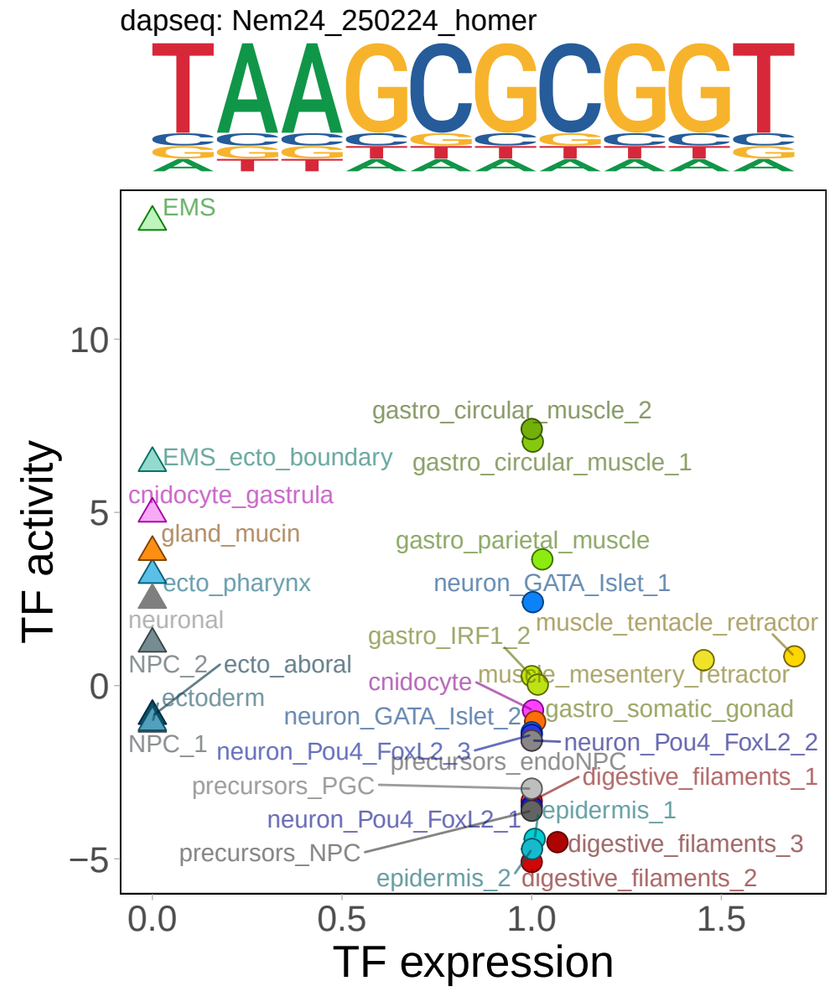
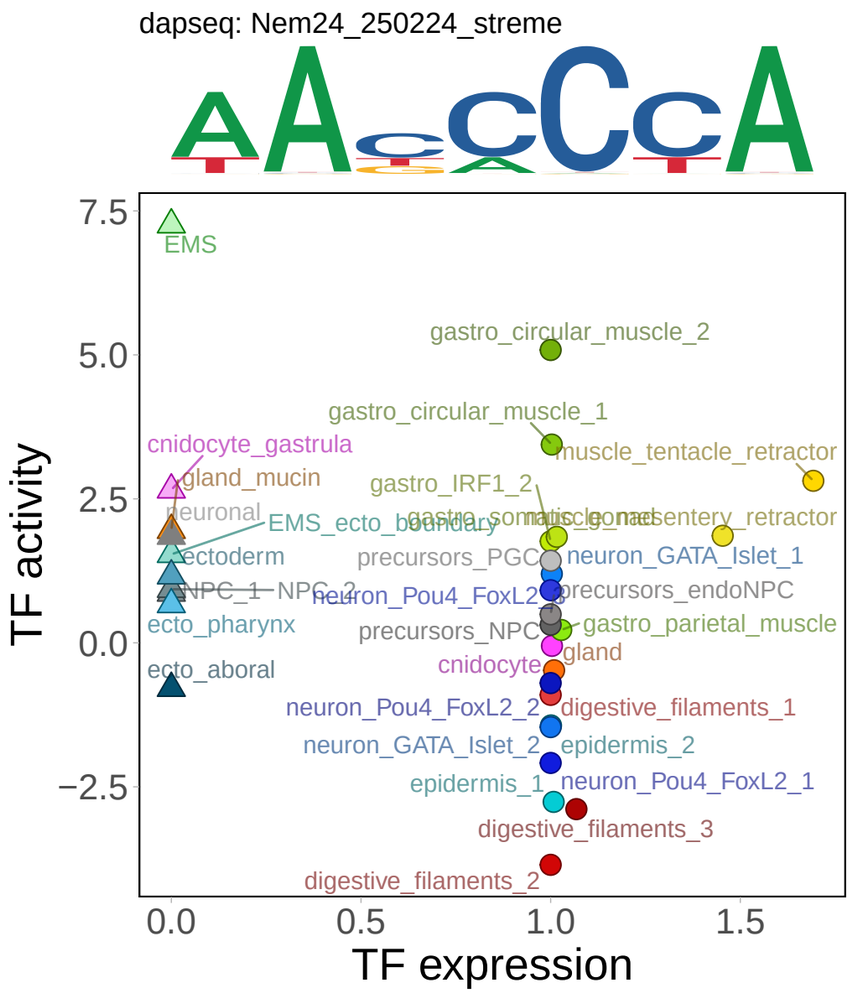


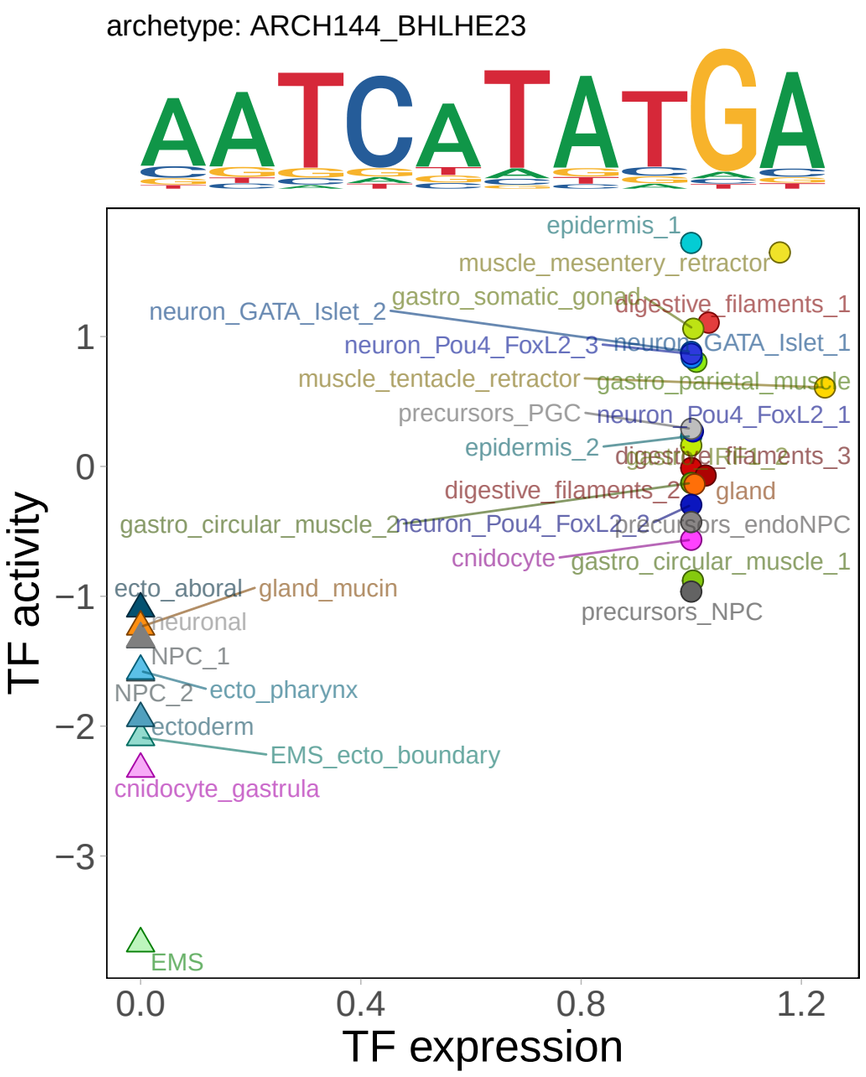
dapseq: Nem24_250224_homer

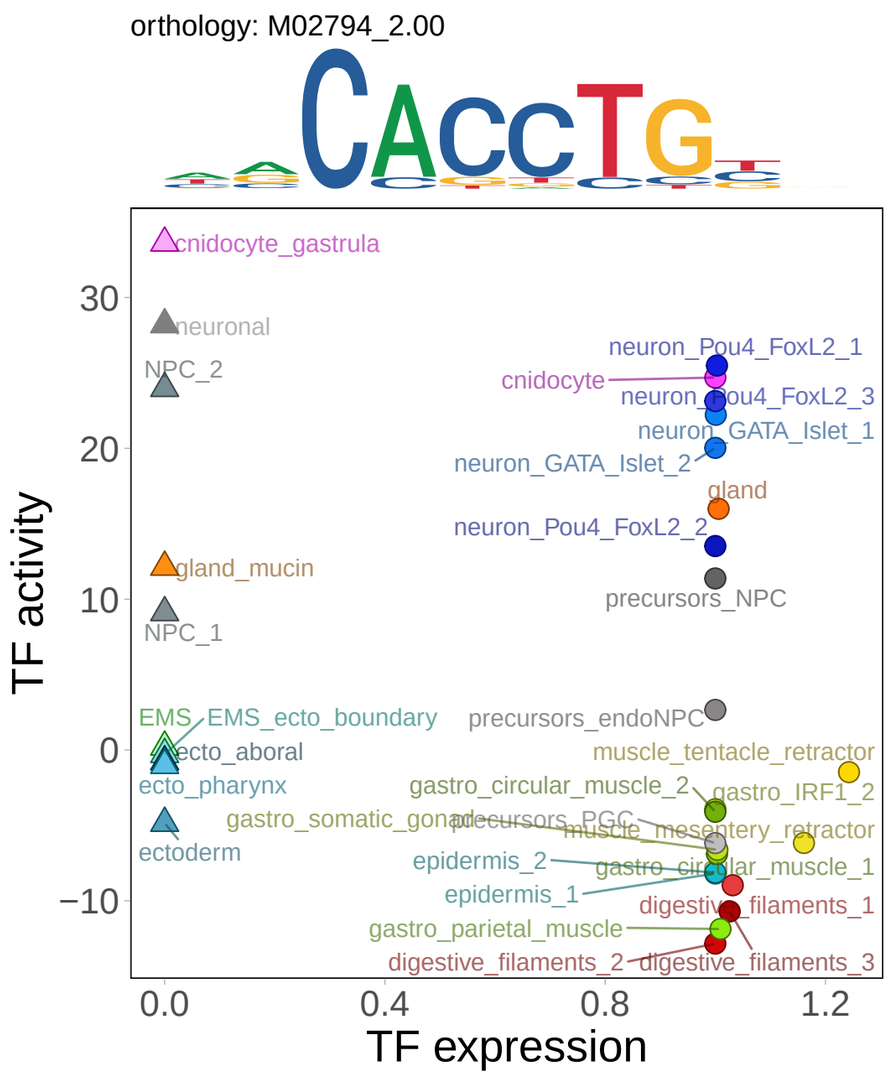


dapseq: Nem24_250224_streme

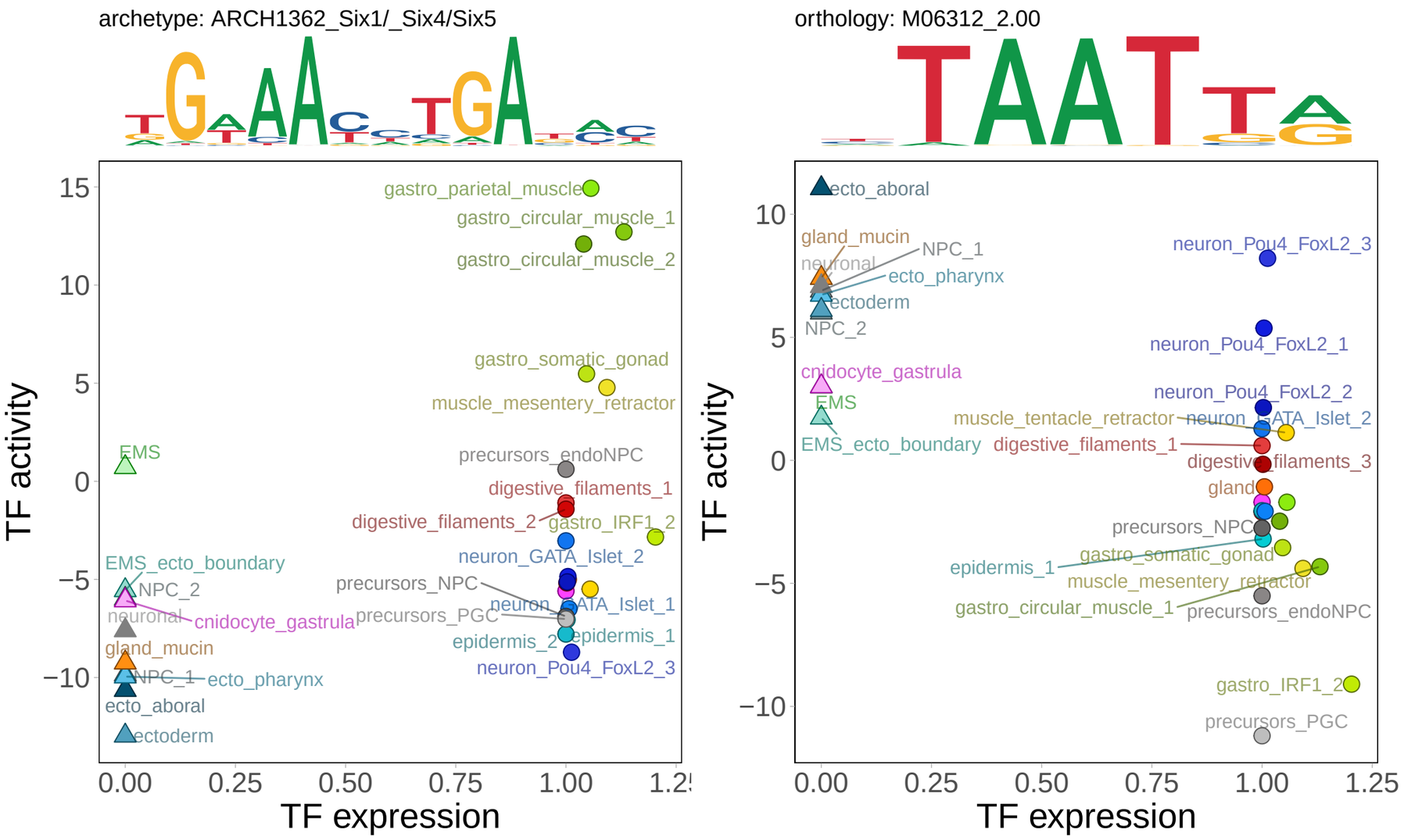


Nvec_vc1.1_XM_032385185.2 (Nem7)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH

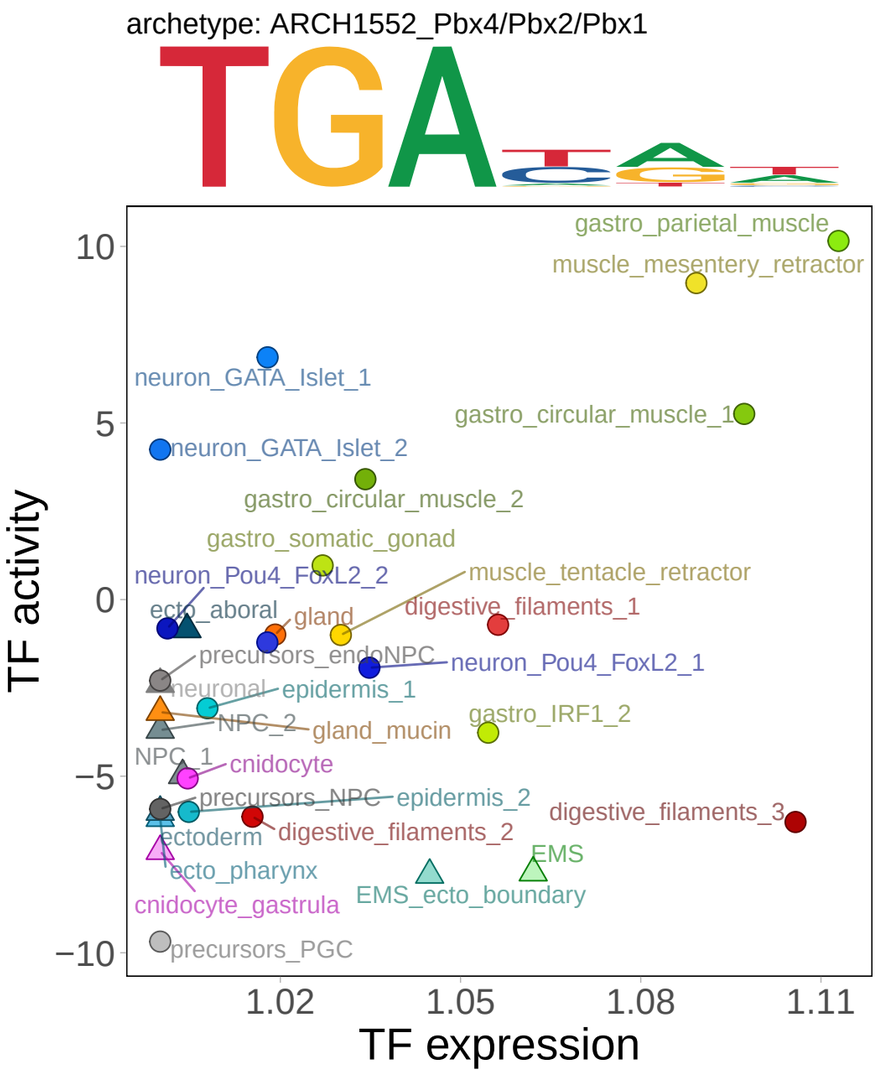


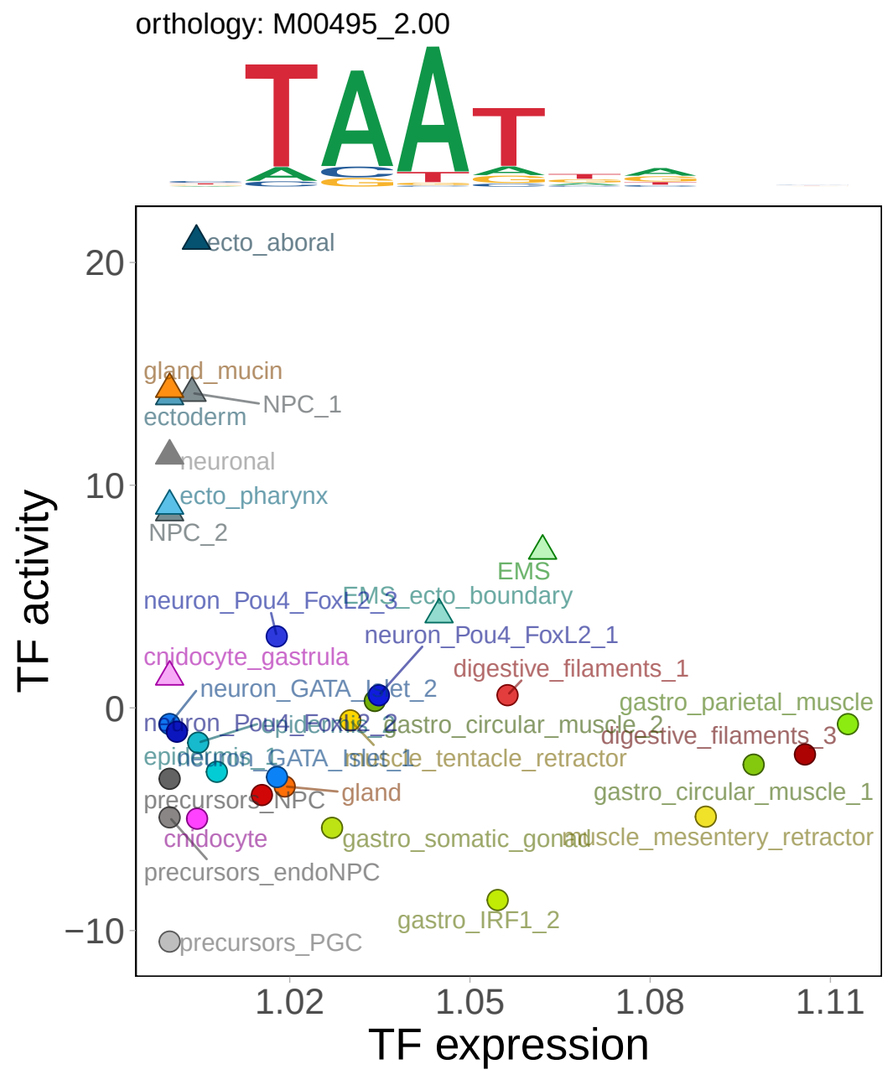


Nvec_vc1.1_XM_032384965.2 (BarH−Like3)
OG: Homeodomains.HG1.39:BARHL1/BARHL2
PFAM: Homeodomain

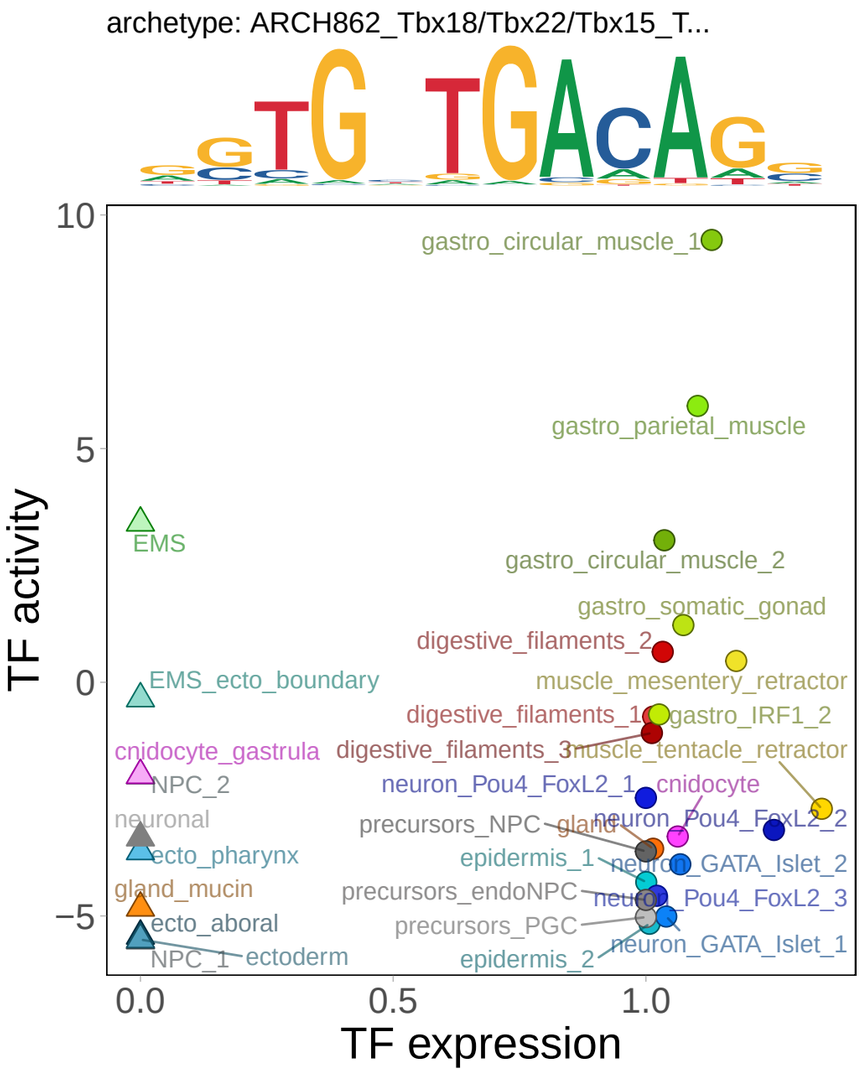


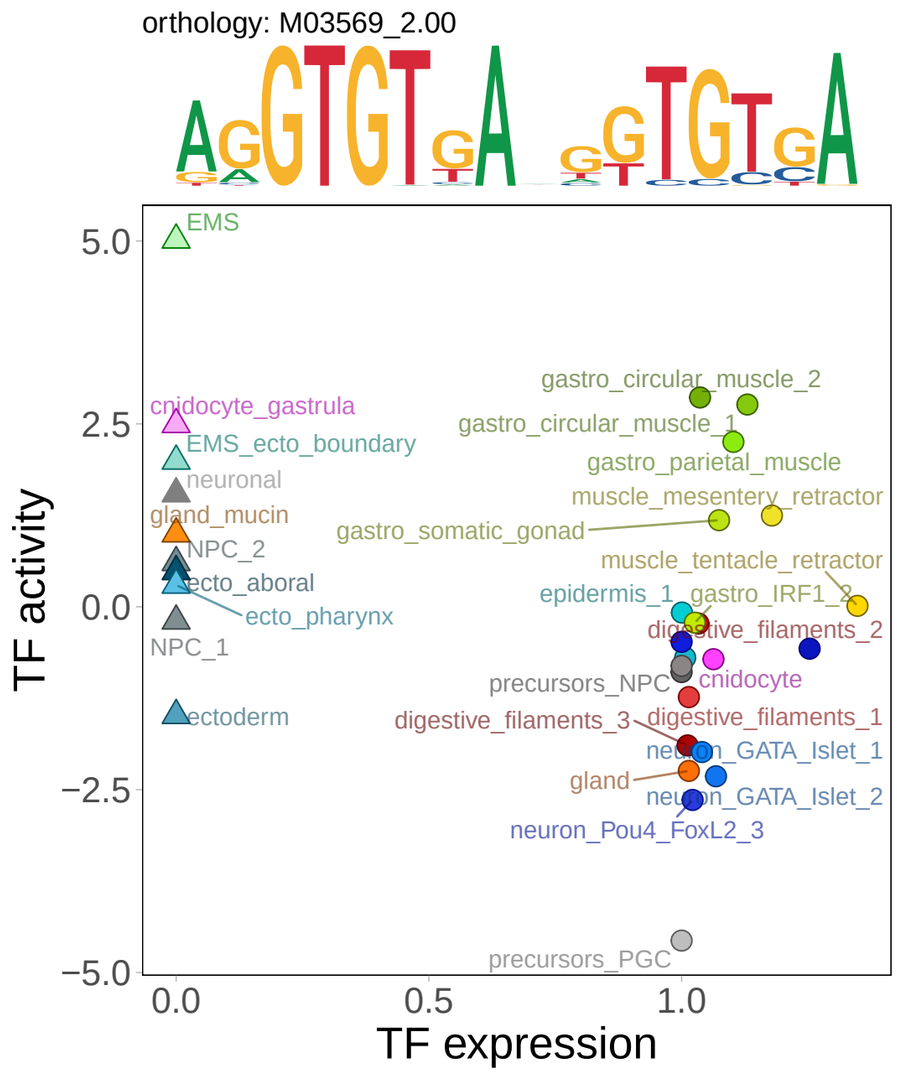
Nvec_vc1.1_XM_032377358.2 (VAx−EMX−Like)
OG: Homeodomains.HG1.42:VAX1/VAX2
PFAM: Homeodomain



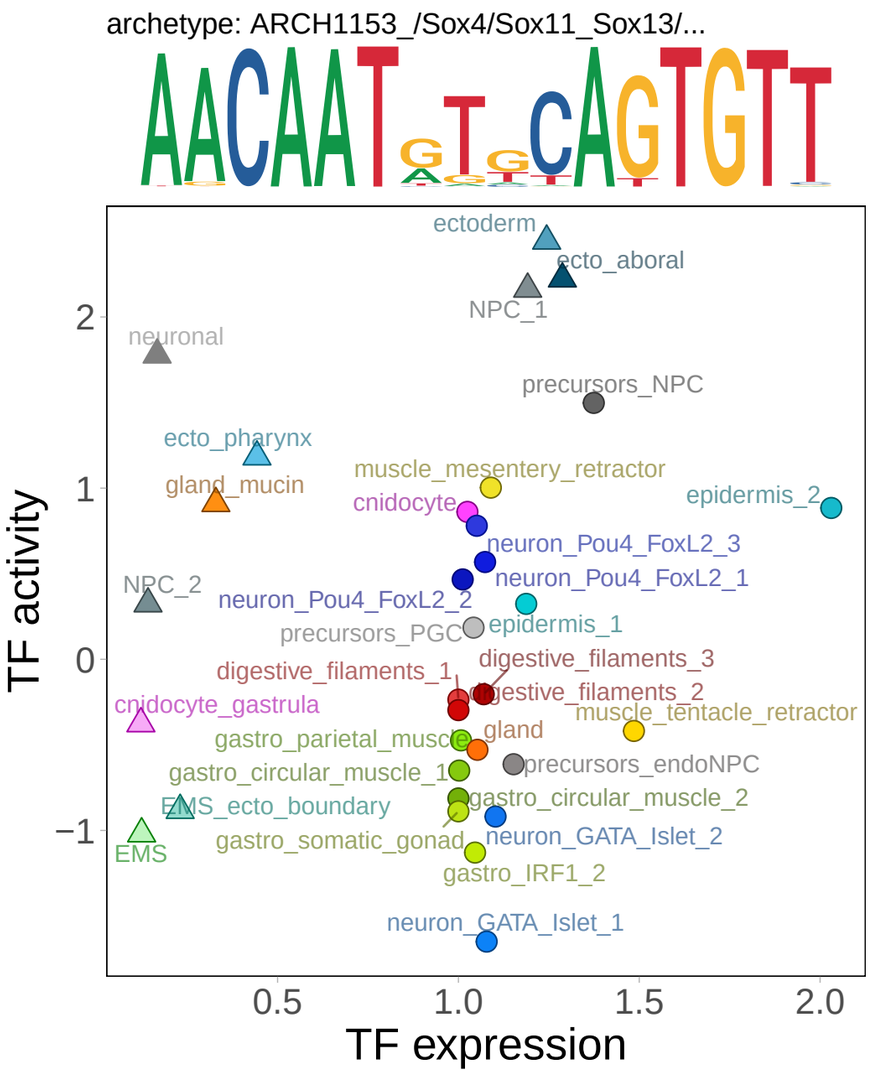


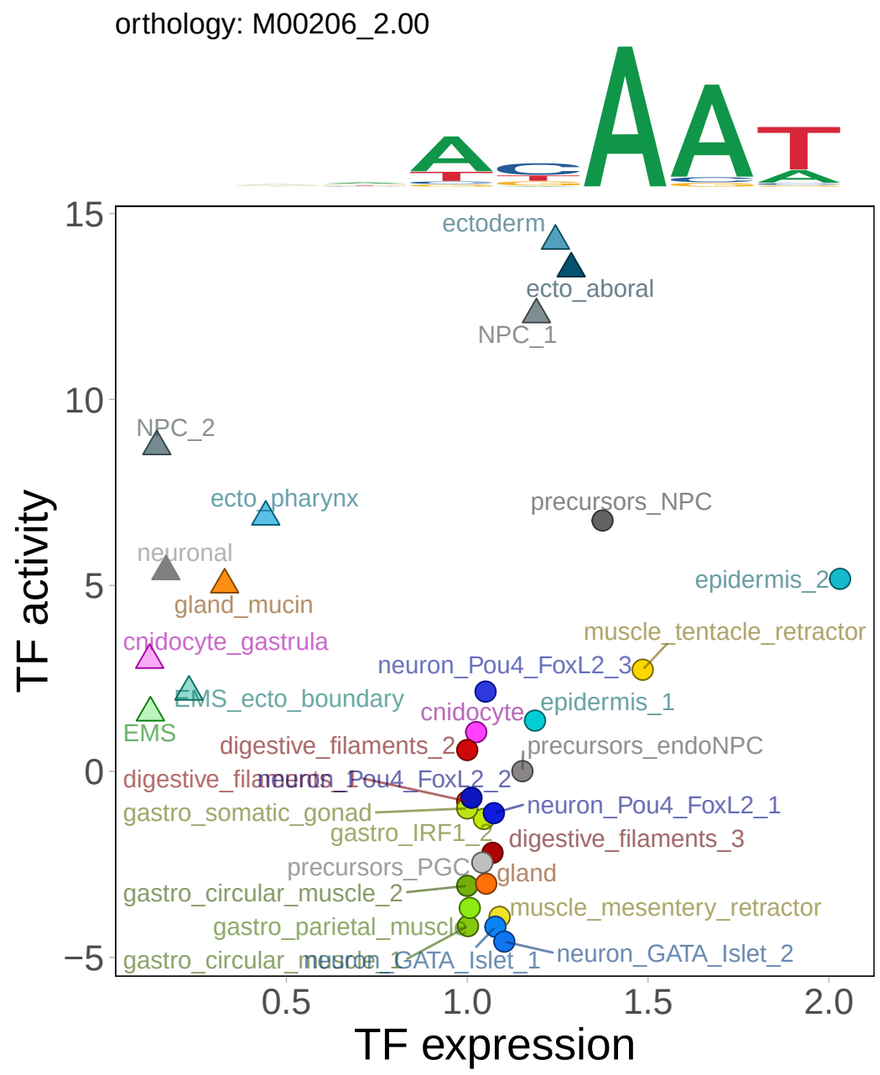
Nvec_vc1.1_XM_001629218.3 (TBX20)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box



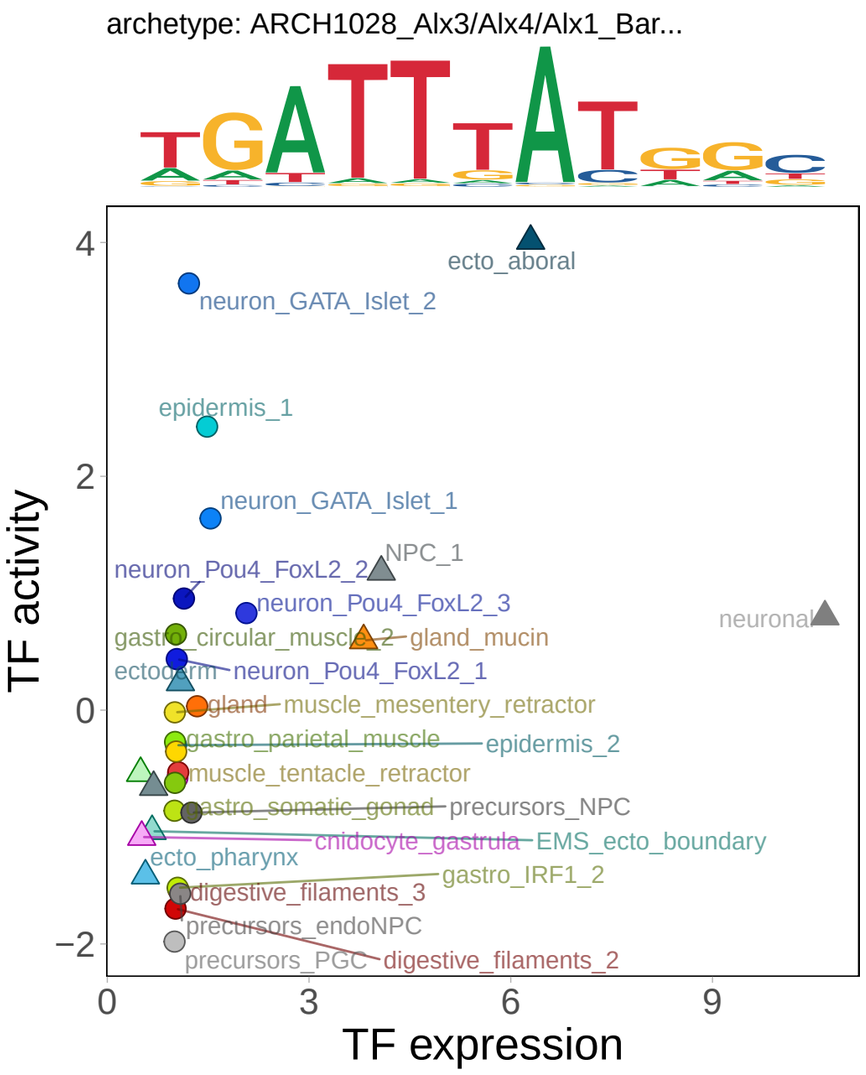


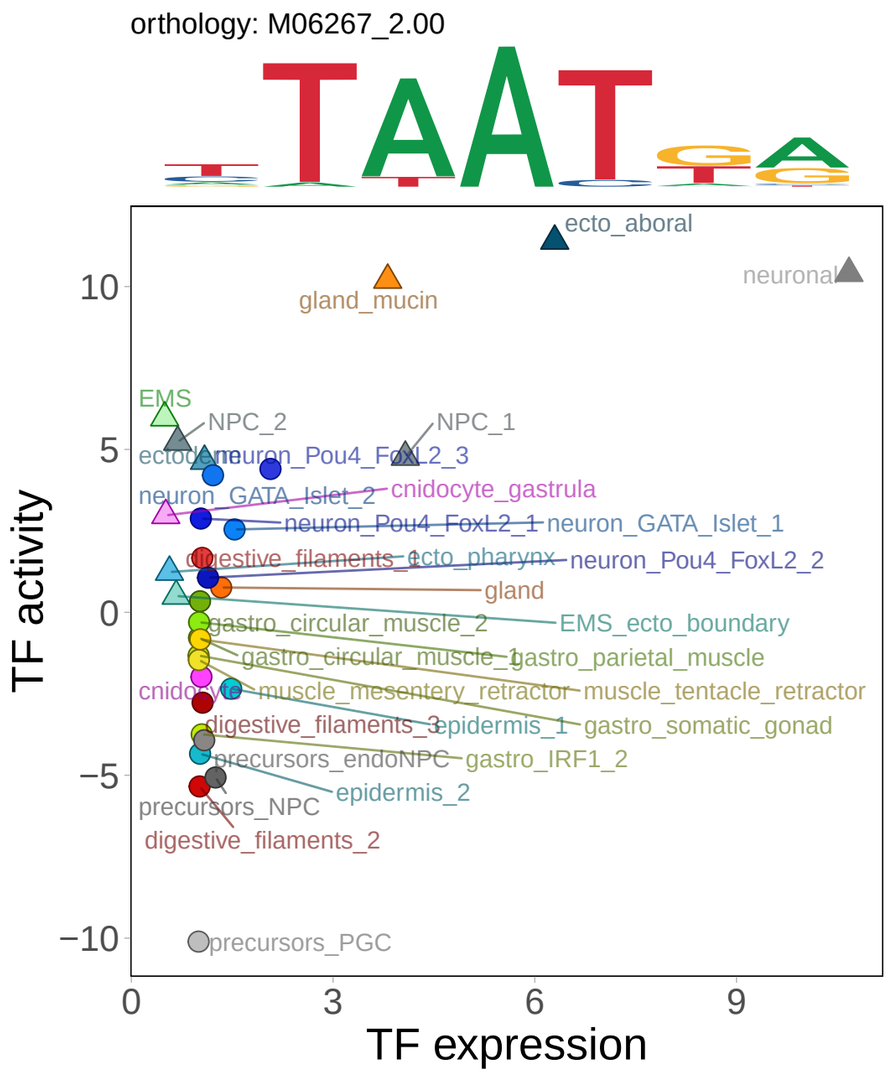
Nvec_NVE23841 (SoxB2/Sox3)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box



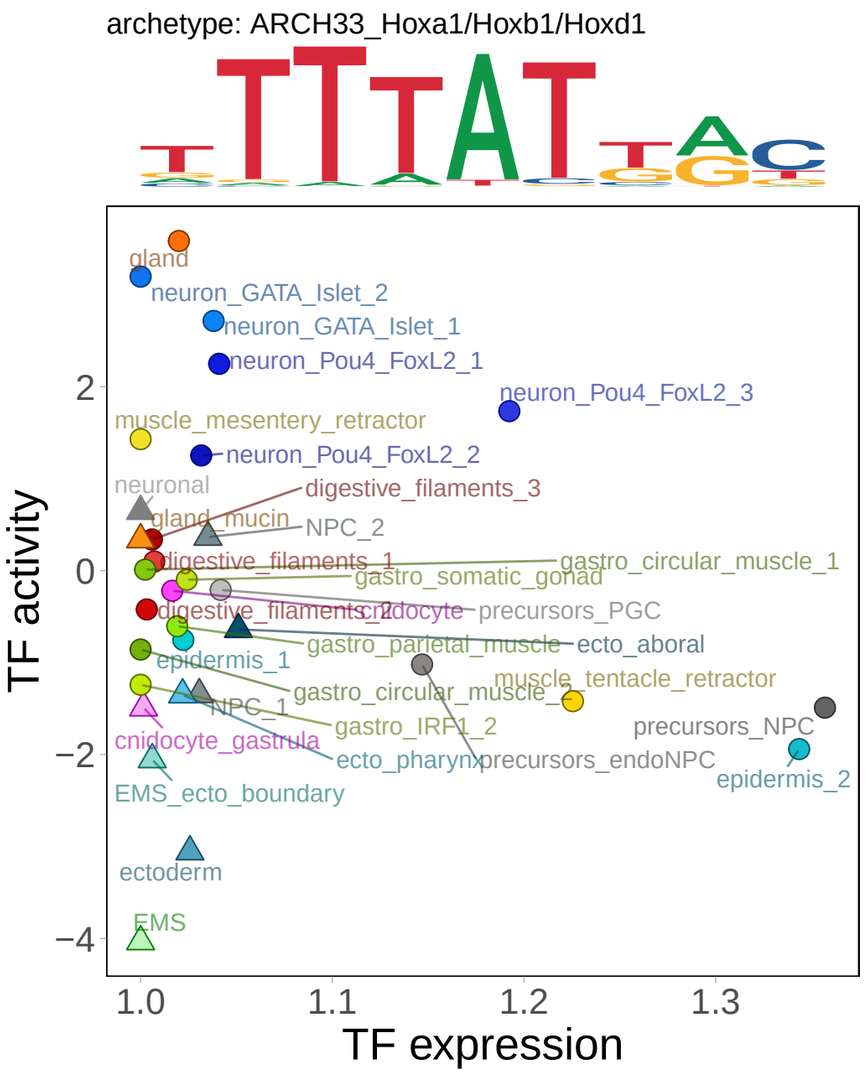


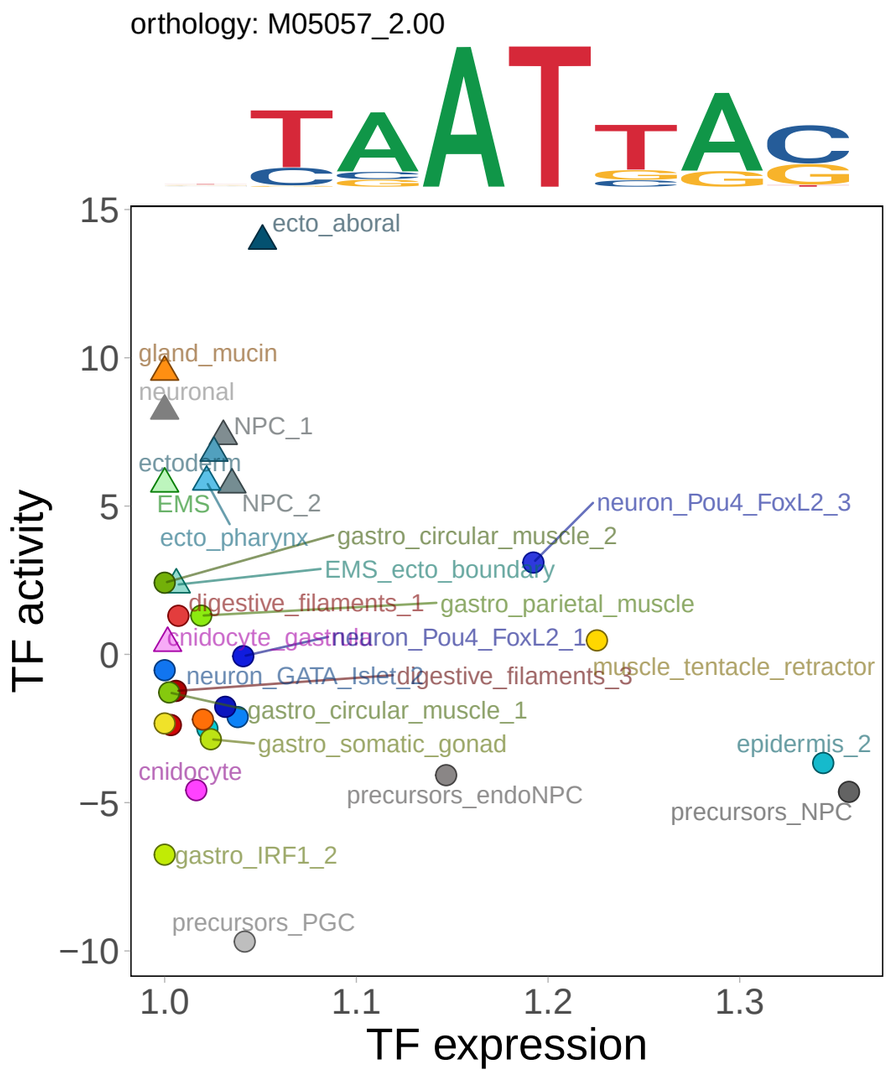
Nvec_vc1.1_XM_032366733.2 (Anthox1/Ax1)
OG: Homeodomains.HG1.68:AC004080.3/AC012531.3/CDX1/CDX2/CDX4/HOXA4/HOXA5/HOXA6/HOXA7
PFAM: Homeodomain



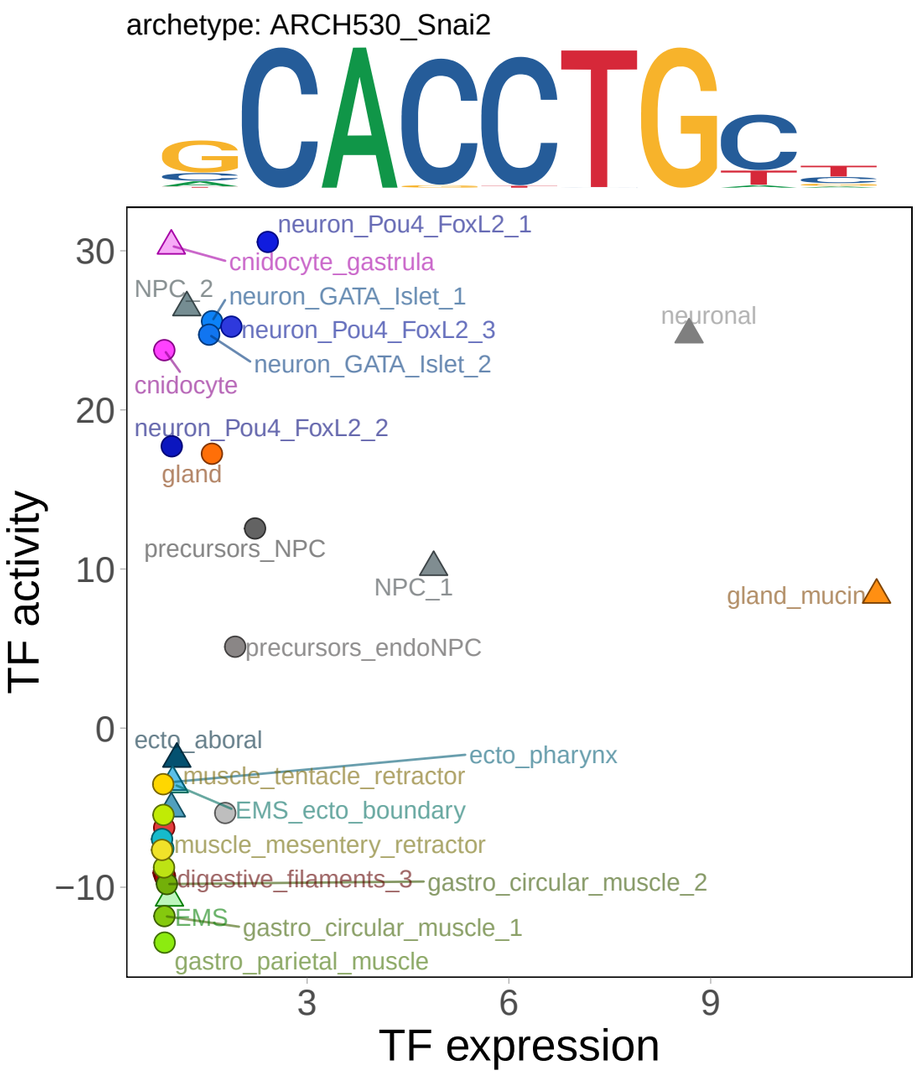


Nvec_vc1.1_XM_001634202.3 (Anthox6/Ax6)
OG: Homeodomains.HG1.58:HOXA1/HOXB1/HOXD1
PFAM: Homeodomain

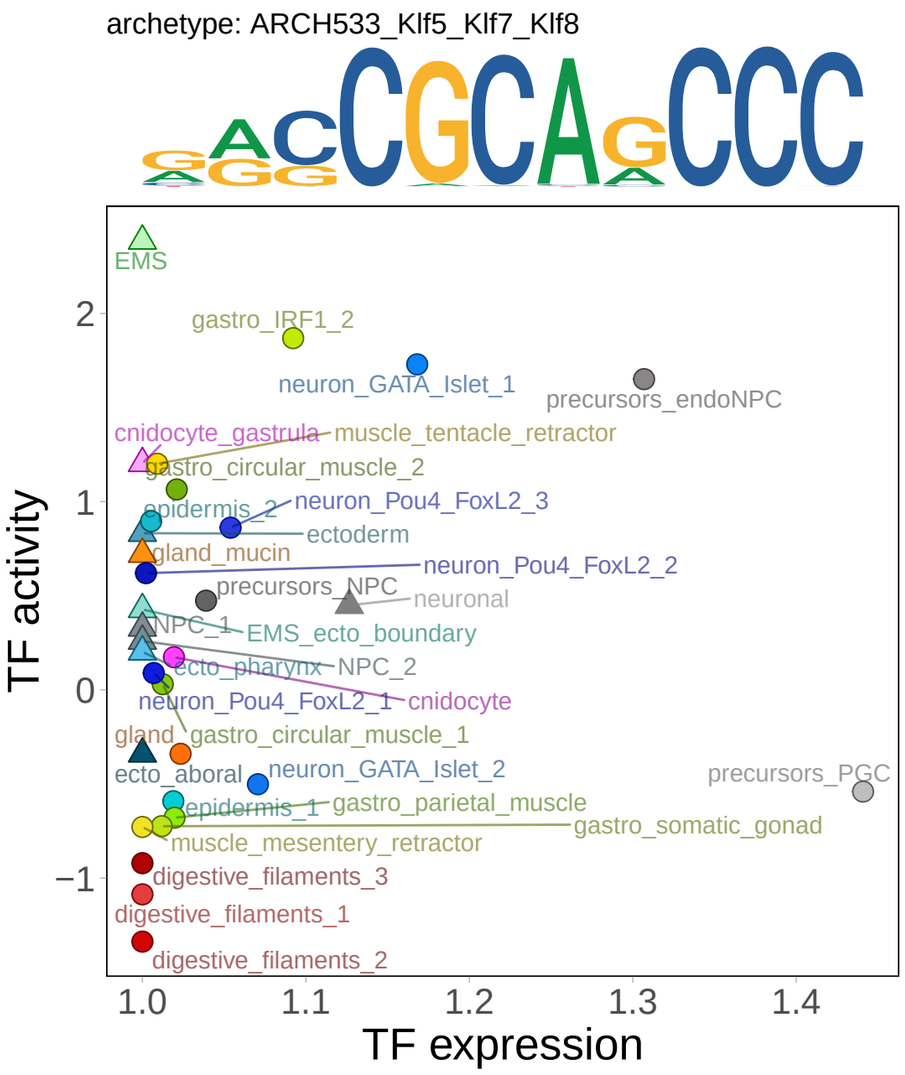




Nvec_vc1.1_XM_032375602.2 (Insm1)
OG: zf−C2H2.HG25.1:INSM1/INSM2
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

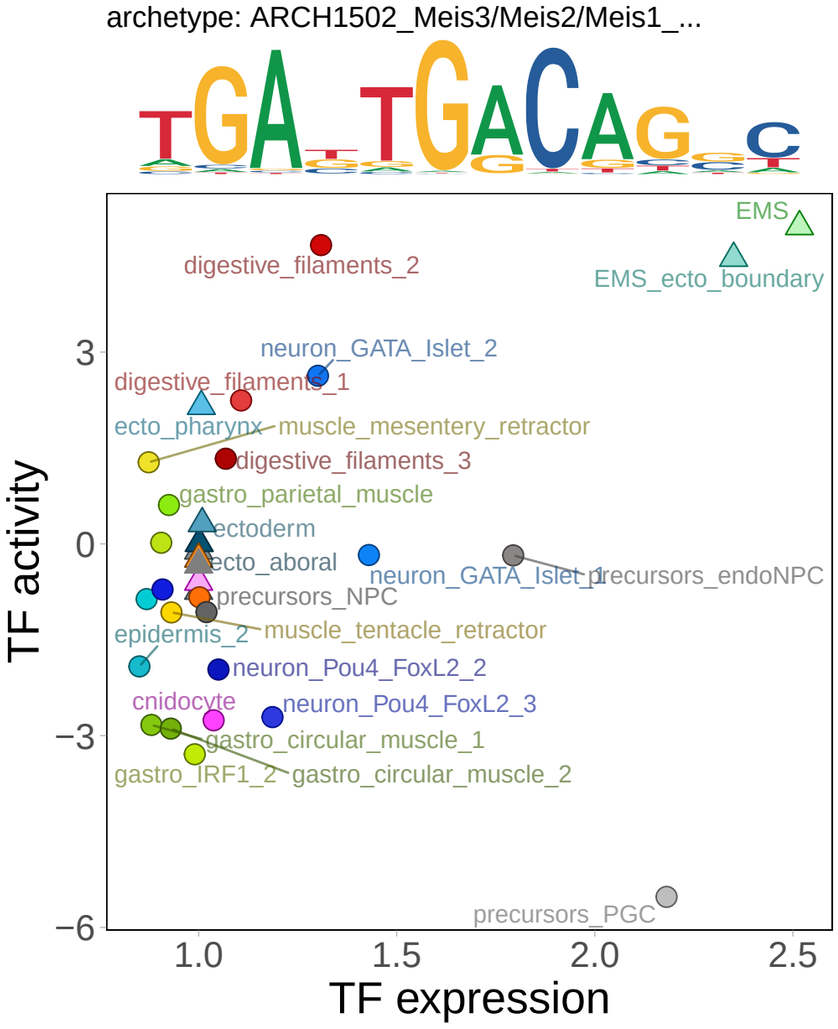


Nvec_vc1.1_XM_032385745.2 (Prdm14d)
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−C2H2/zf−C2H2

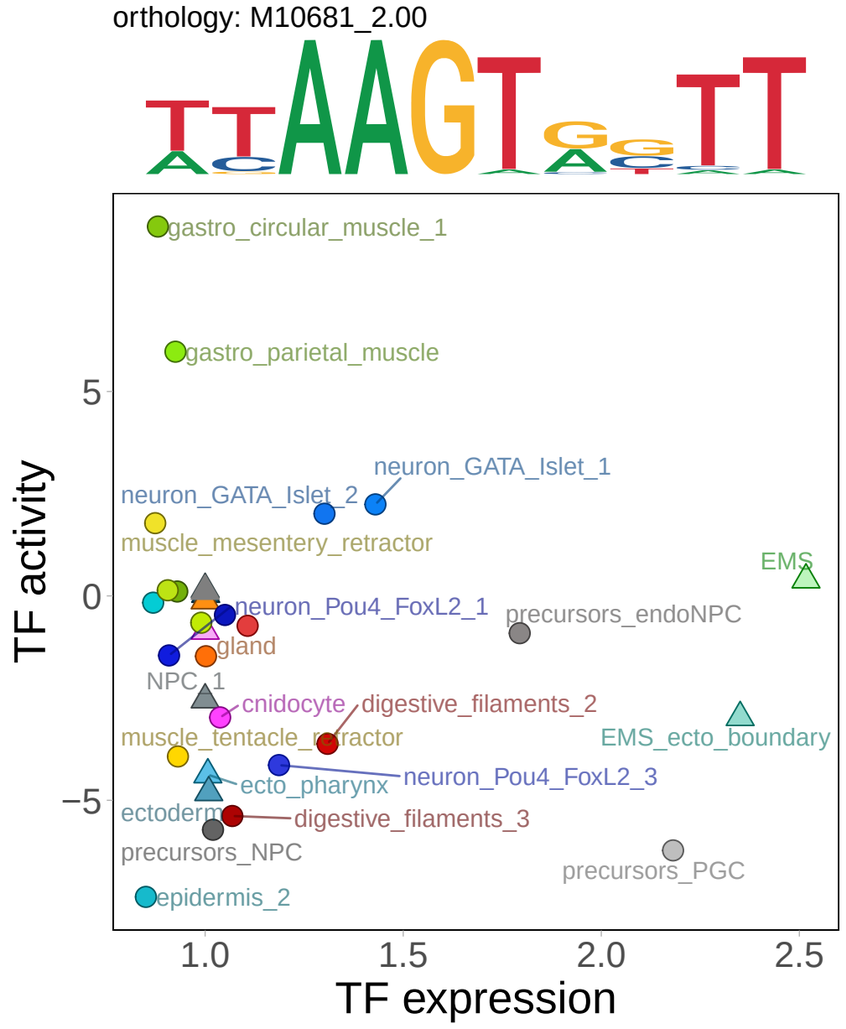


Nvec_vc1.1_XM_032373618.2 (Nkx−2.2a)
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NKX2−8/NKX3−1/NKX
PFAM: Homeodomain

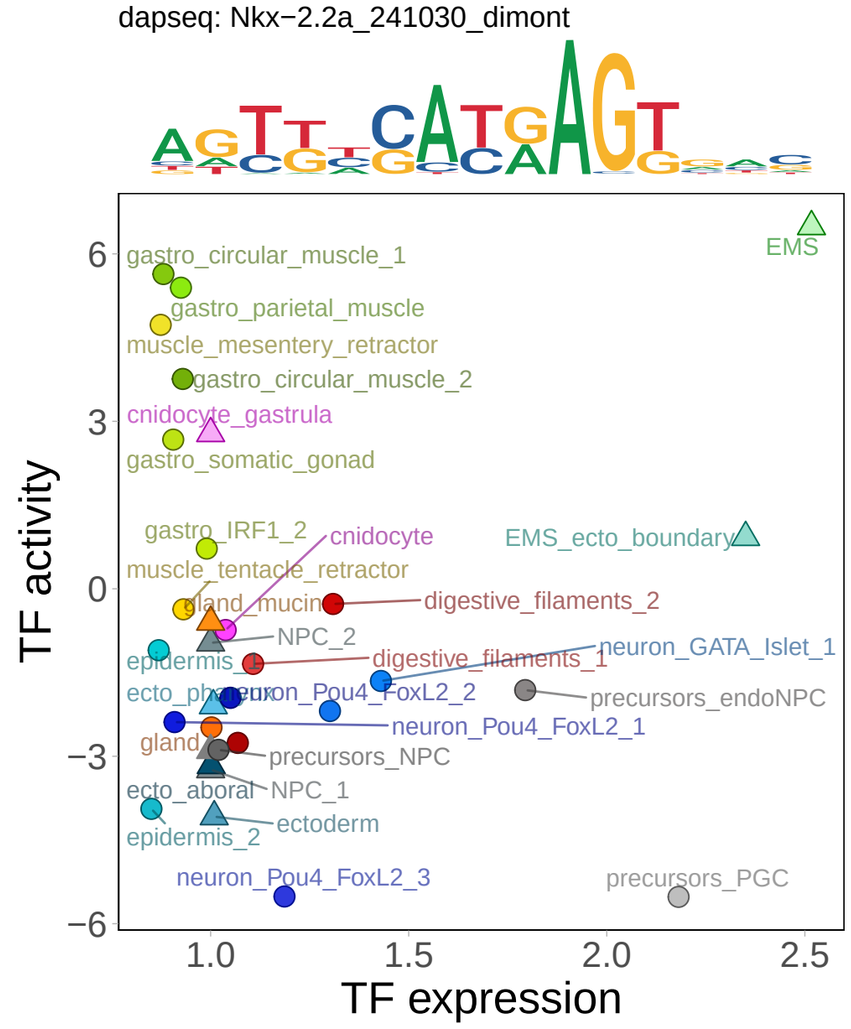
archetype: ARCH1502_Meis3/Meis2/Meis1_...



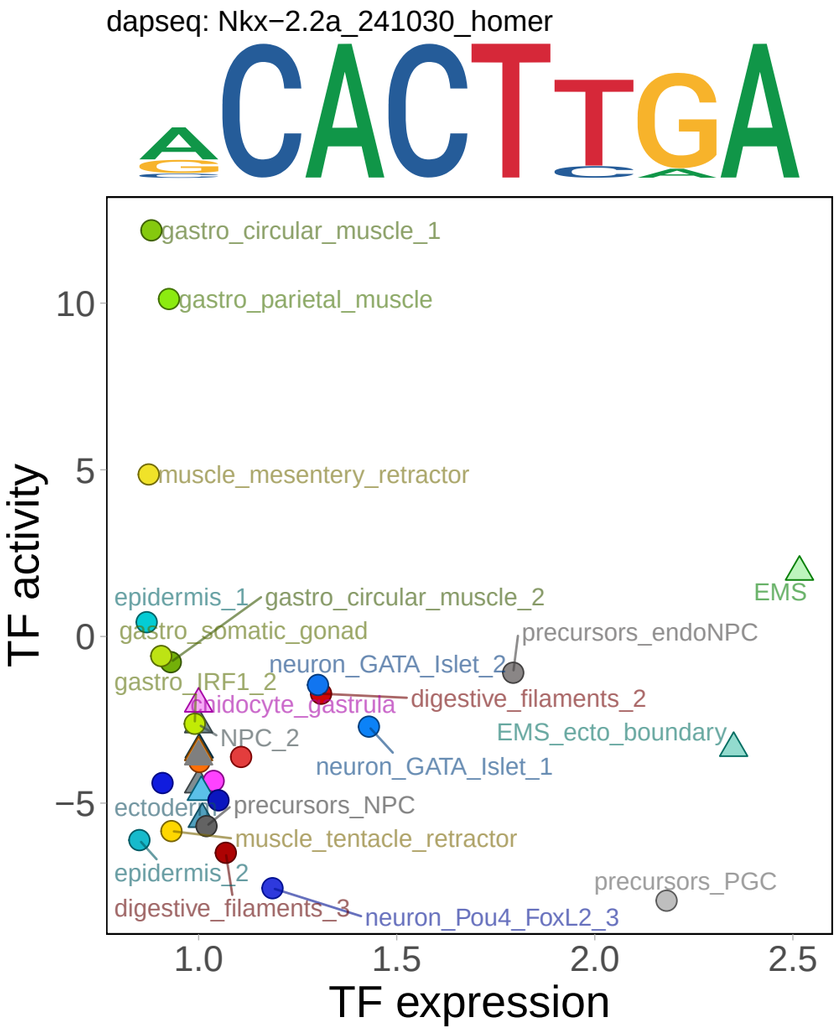
orthology: M10681_2.00



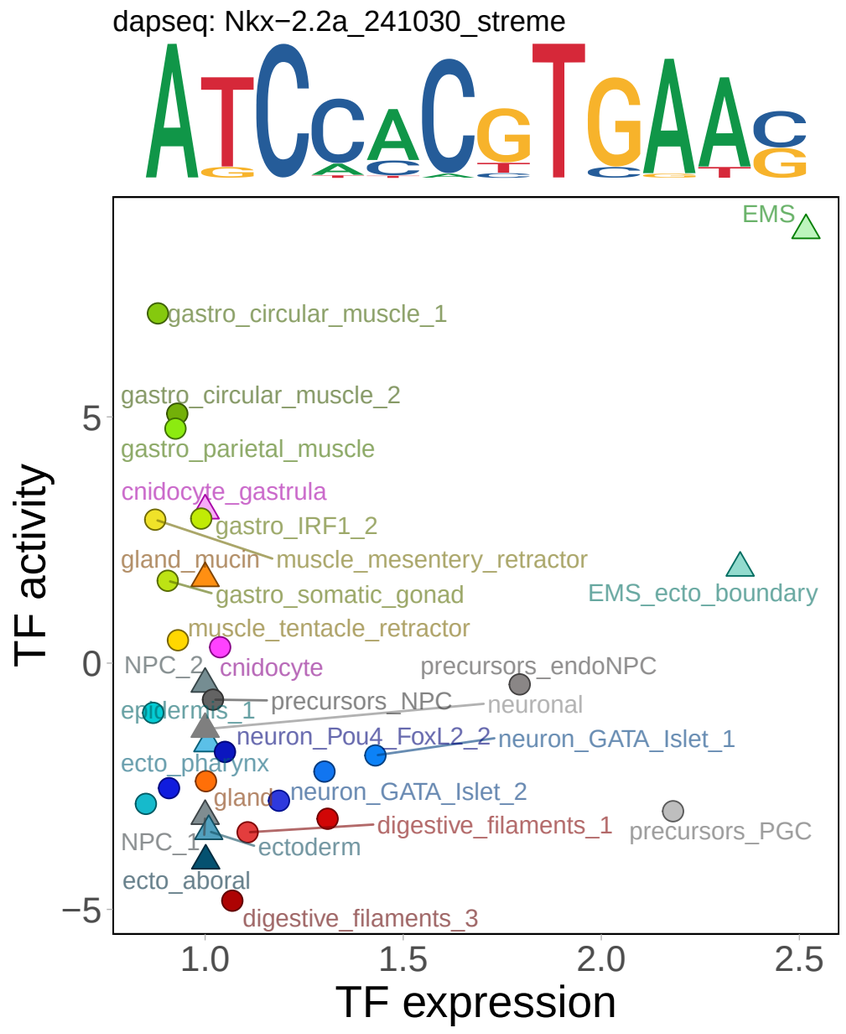
dapseq: Nkx−2.2a_241030_dimont



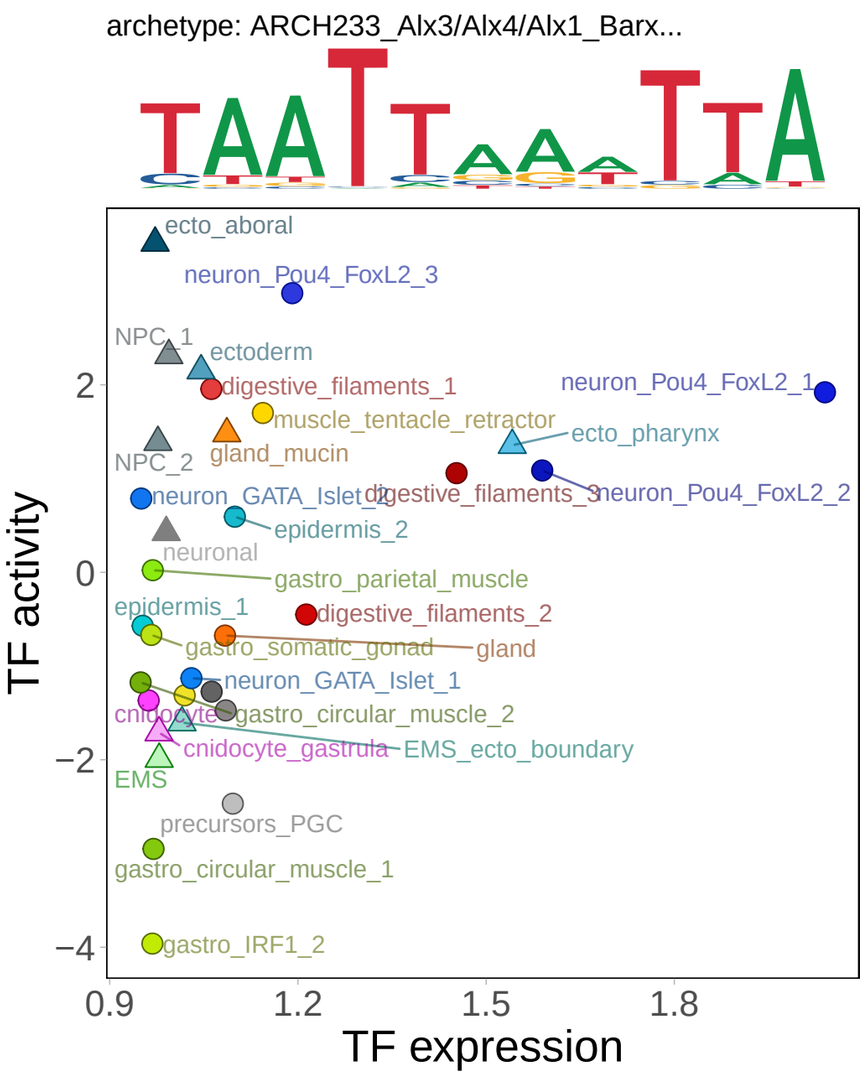
dapseq: Nkx−2.2a_241030_homer

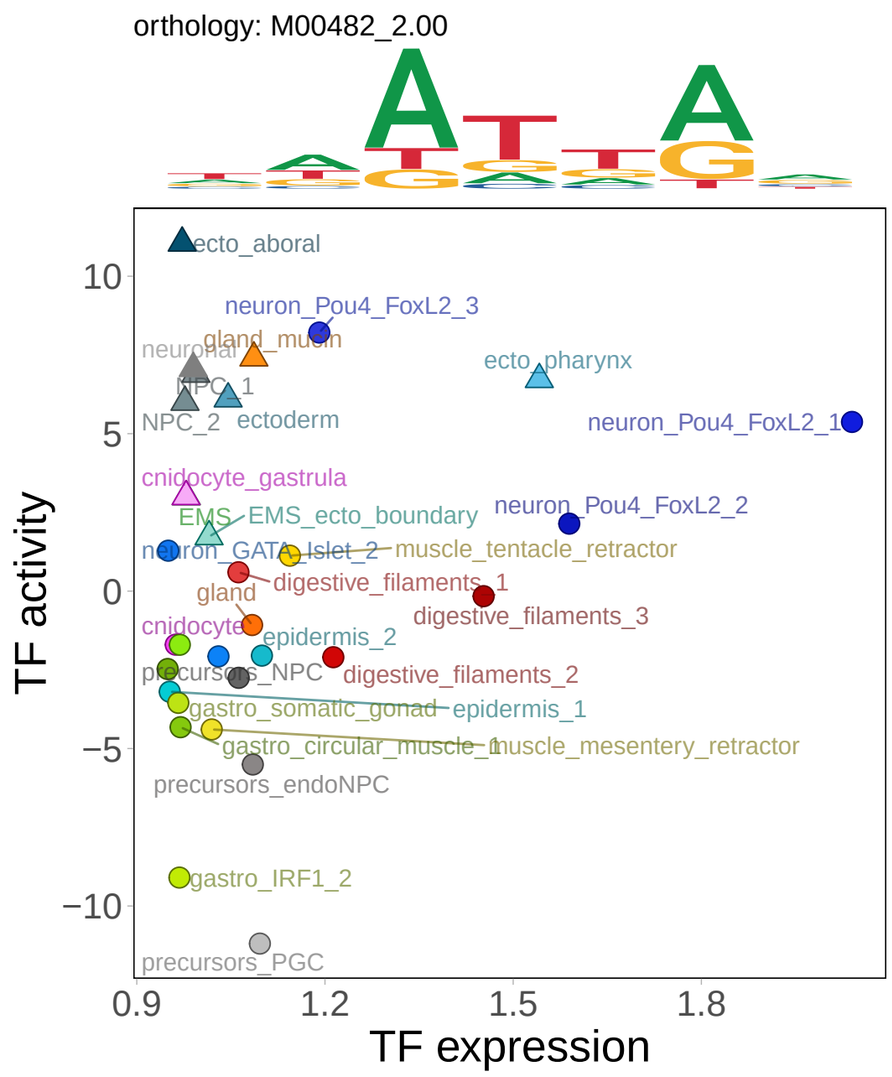


dapseq: Nkx−2.2a_241030_streme

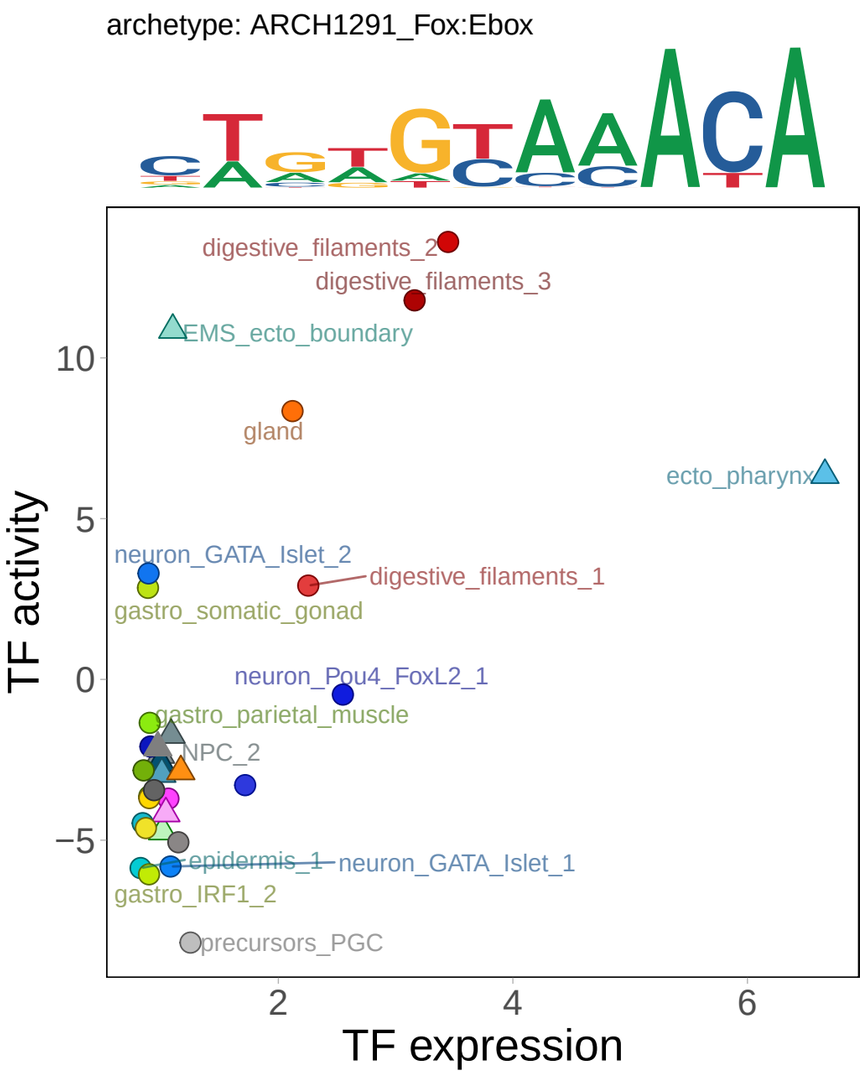


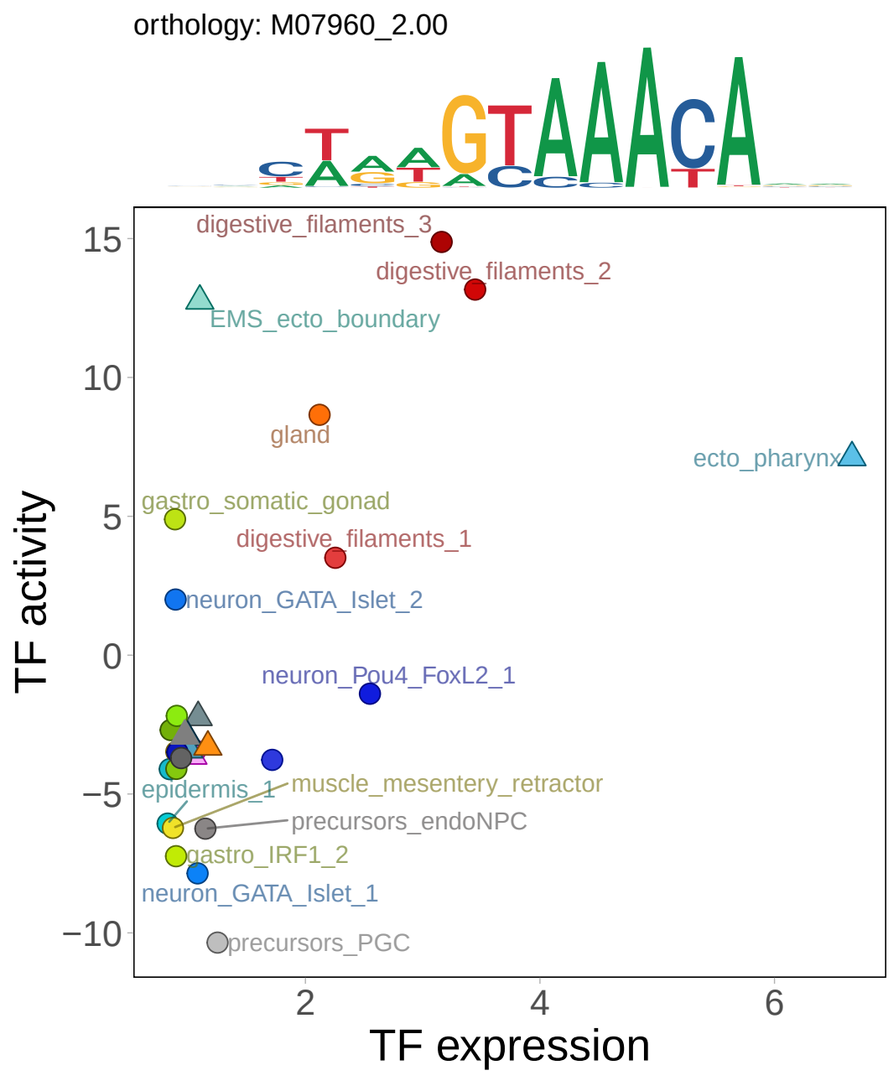
Nvec_vc1.1_XM_048731137.1 (LMX)
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX4/LHX5/LMX1A/LMX1B
PFAM: LIM/LIM/Homeodomain



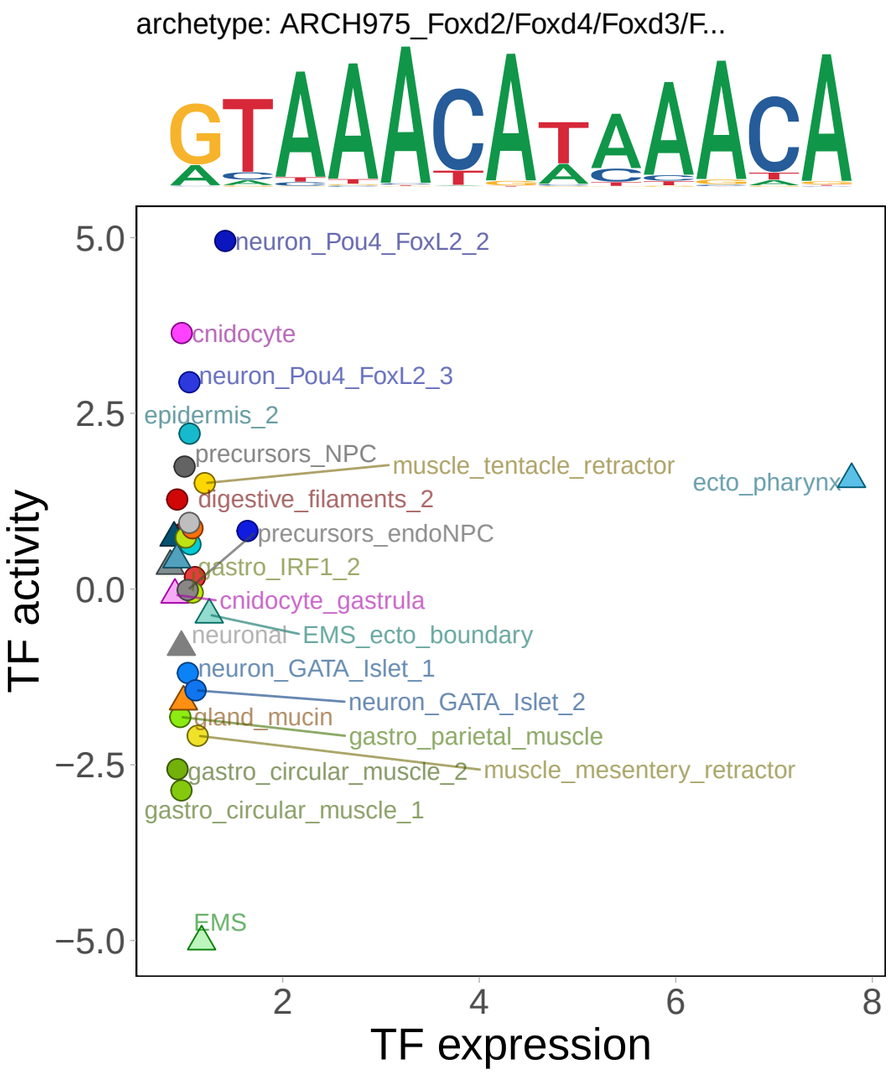


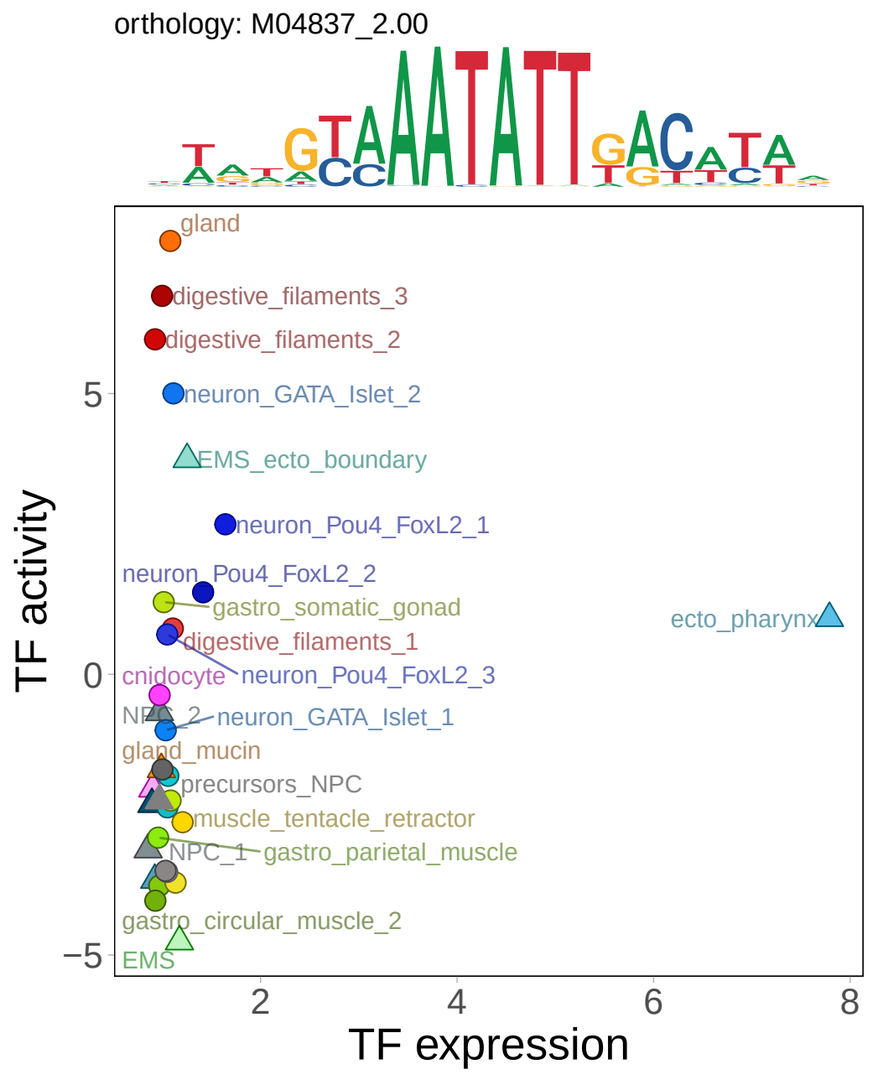
Nvec_vc1.1_XM_001634505.3 (FoxA)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/FOXD4/FOXD4L1/FO
PFAM: Forkhead_N/Forkhead/HNF_C



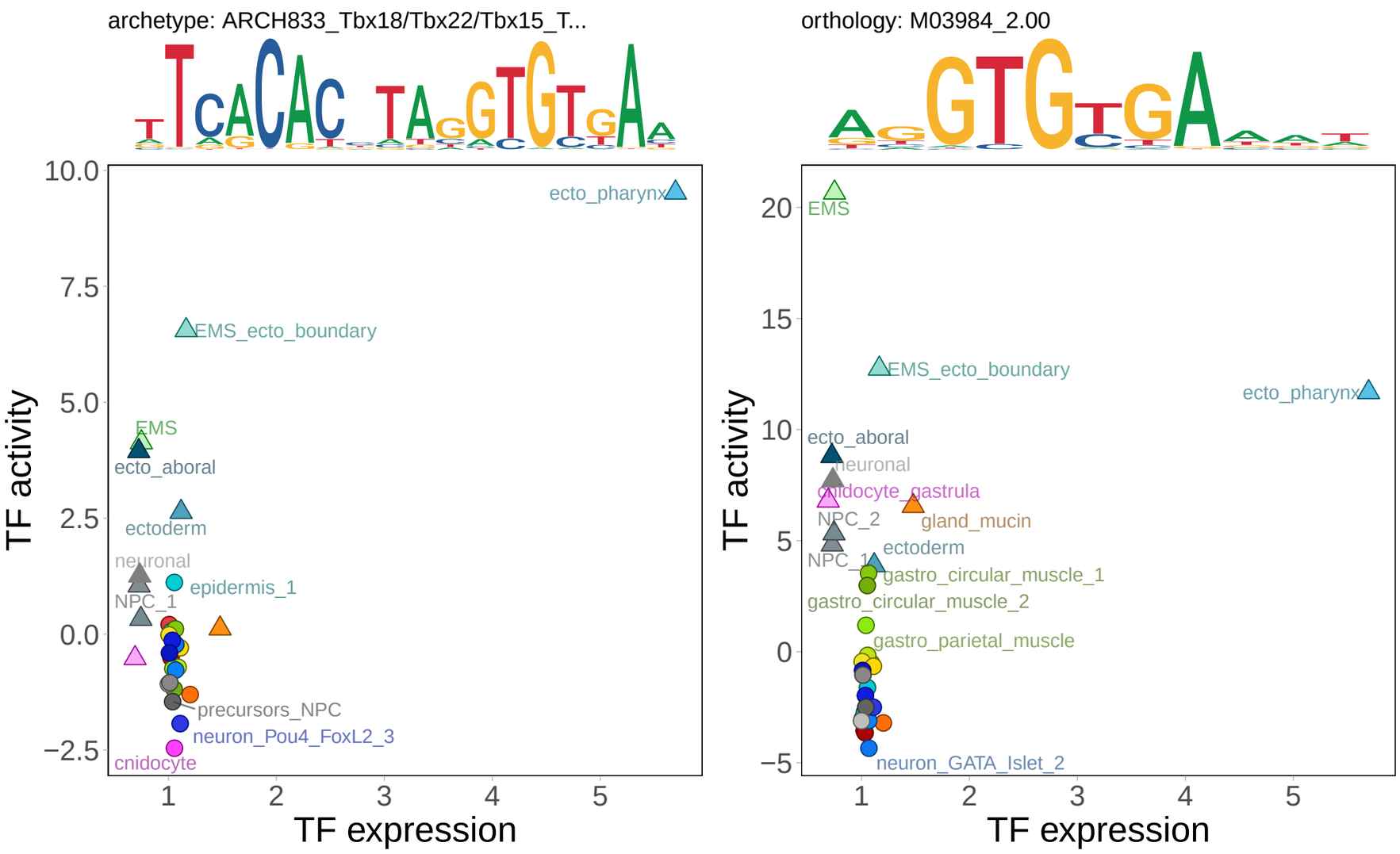


Nvec_vc1.1_XM_048728028.1 (FoxB)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/FOXD4/FOXD4L1/FO
PFAM: Forkhead

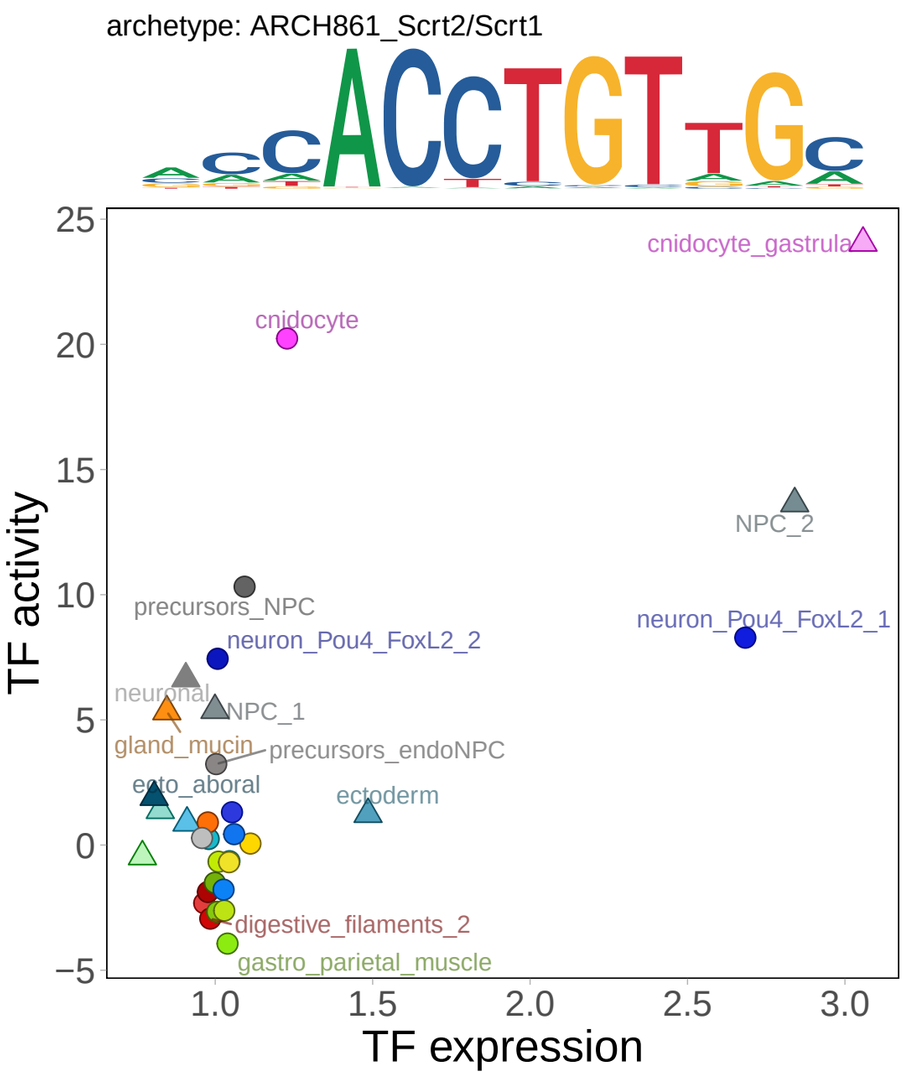




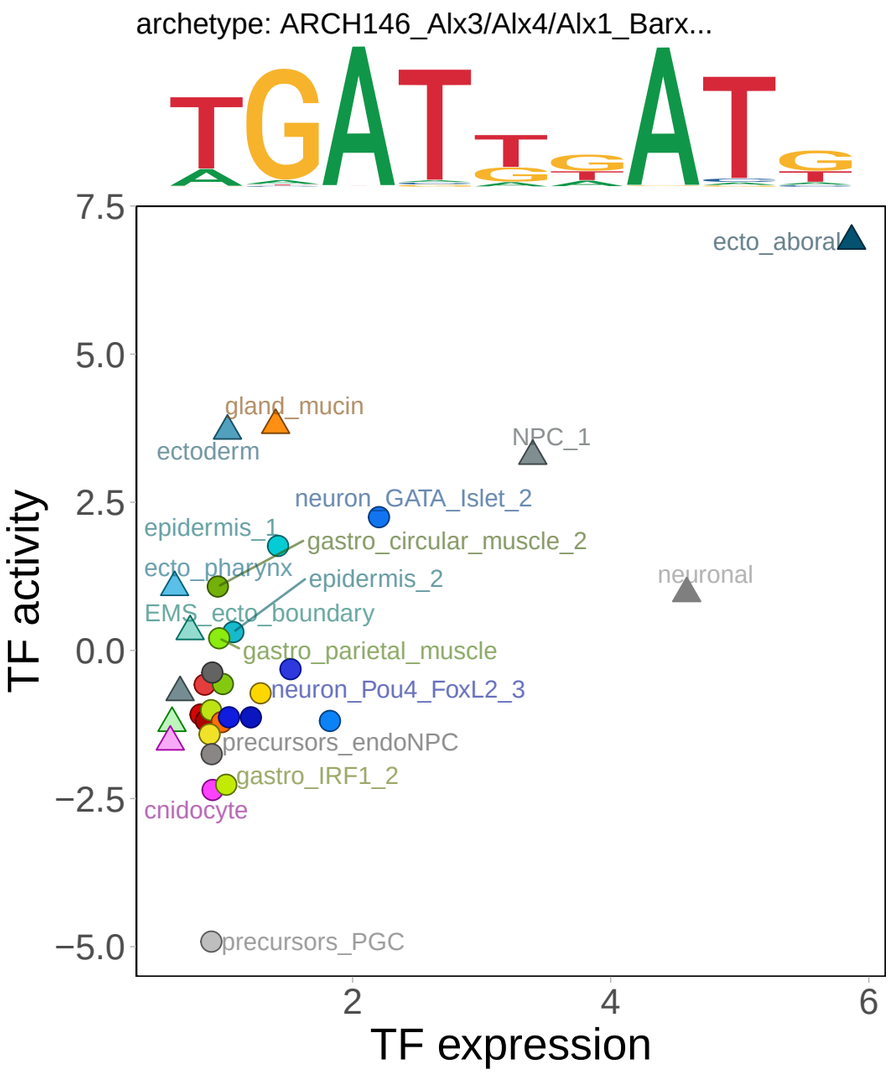
Nvec_vc1.1_XM_032378021.2 (Brachyury)
OG: T−box.HG1.5:TBX19/TBXT
PFAM: T−box

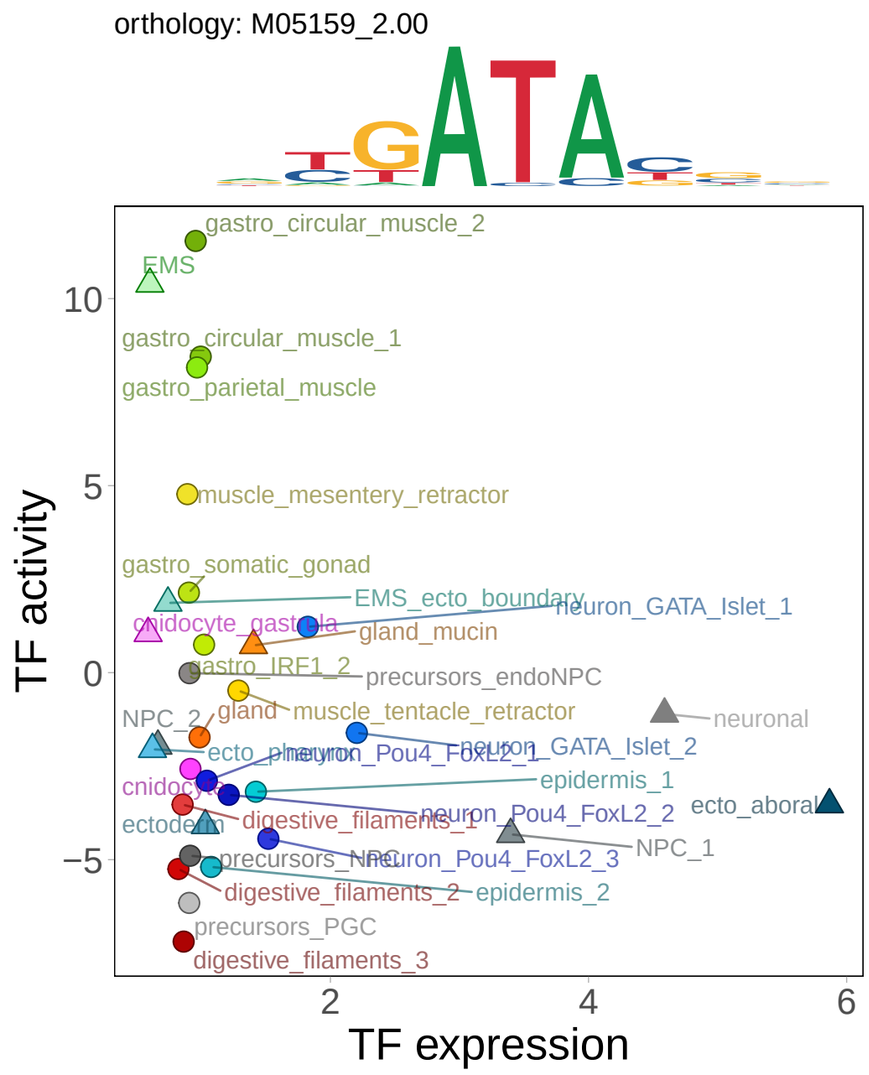


Nvec_vc1.1_XM_032384420.2 (Sp6−9)
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_4

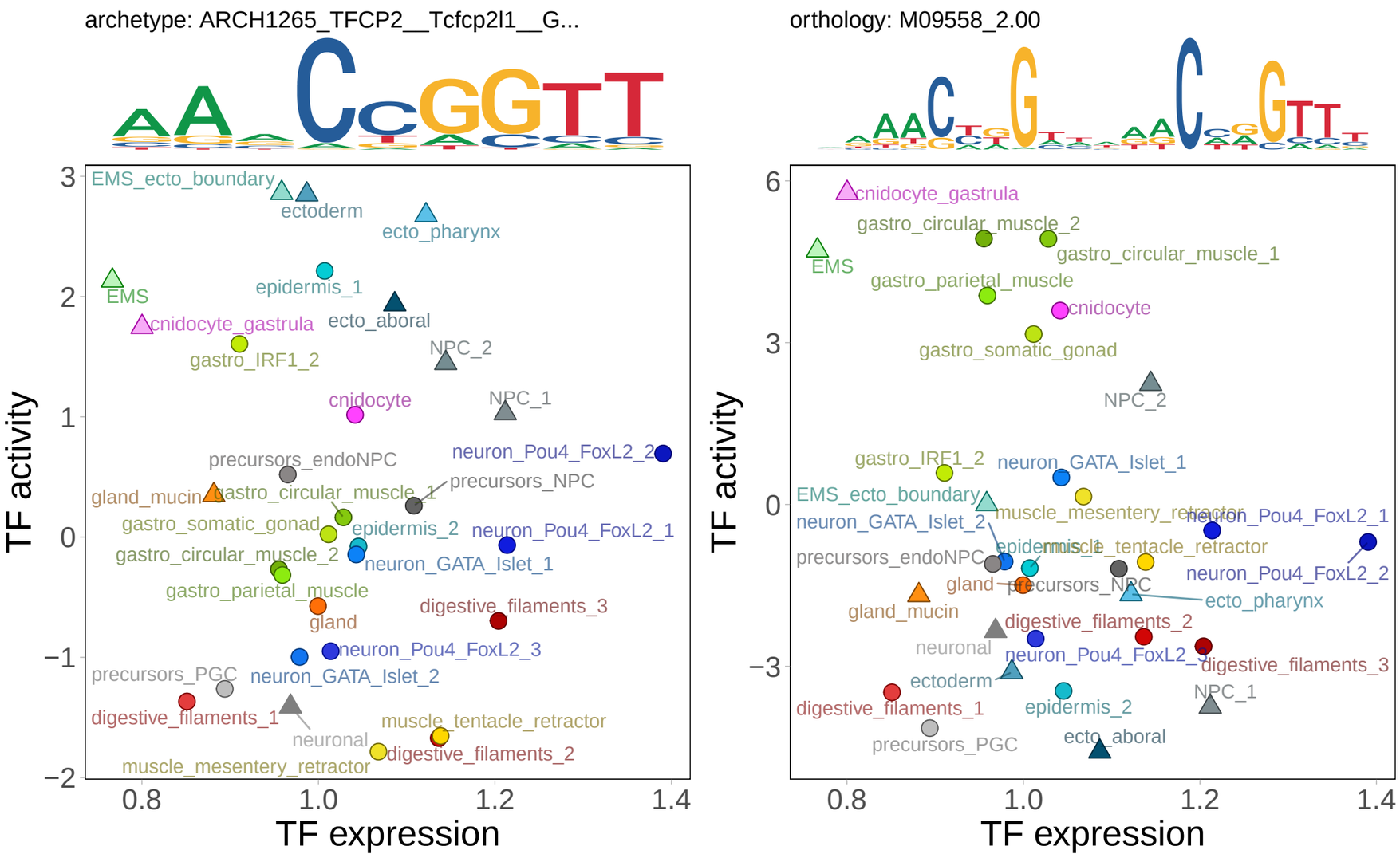


Nvec_vc1.1_XM_001625109.3 (Six3/6)
OG: Homeodomains.HG3.30:SIX3/SIX6
PFAM: SIX1_SD/Homeodomain

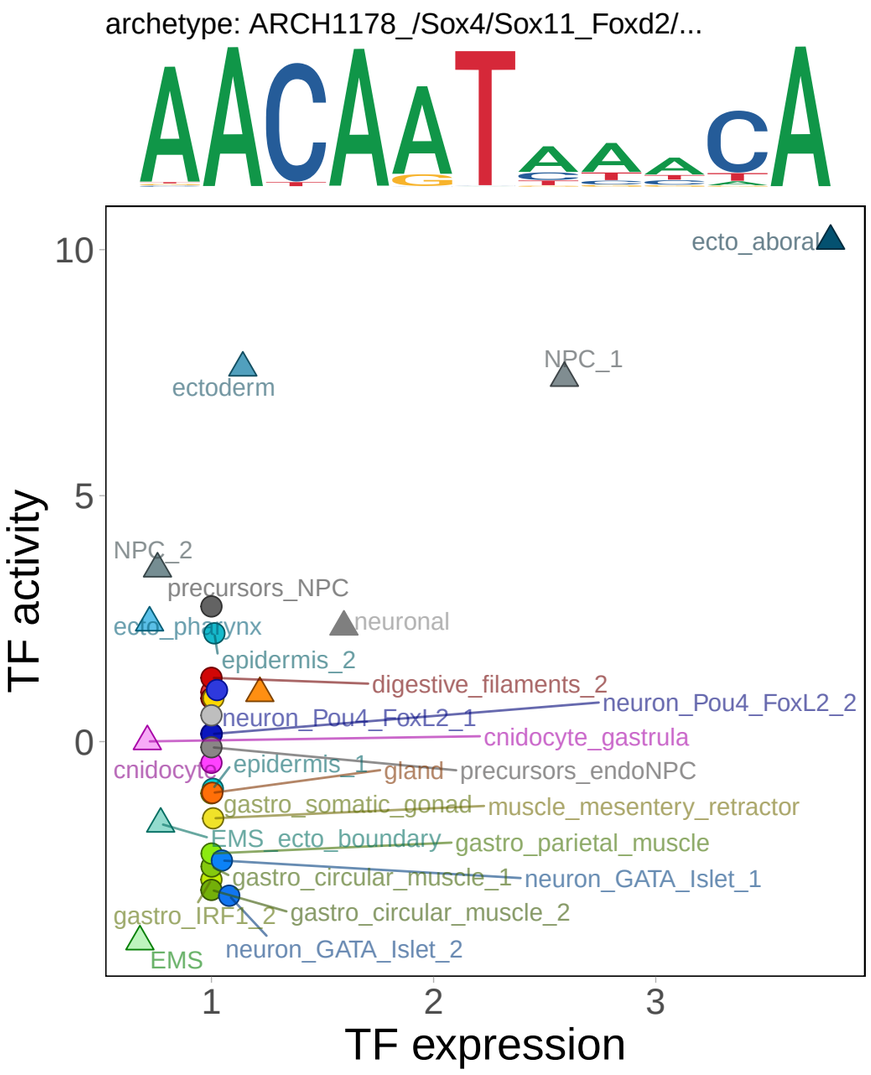


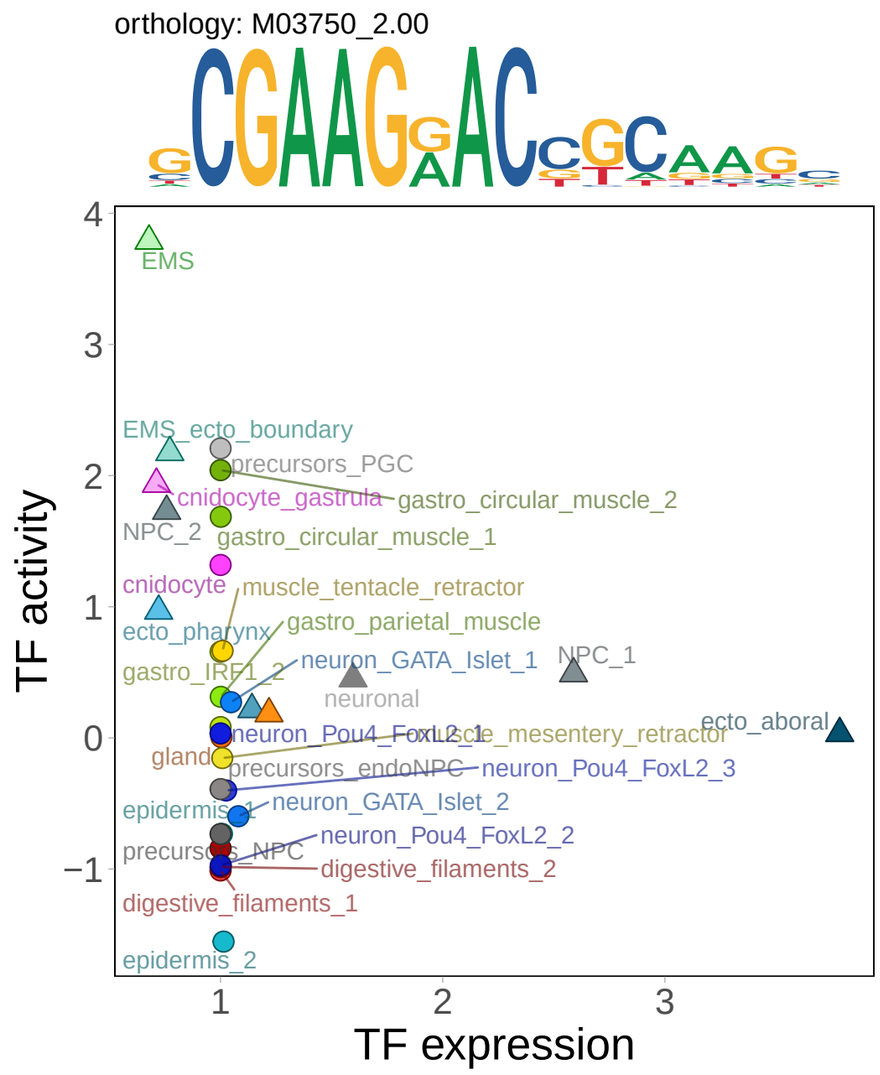


Nvec_vc1.1_XM_032386243.2 (Grainyhead)
OG: Grainyhead_LSF.HG1.1:GRHL1/GRHL2/GRHL3
PFAM: CP2

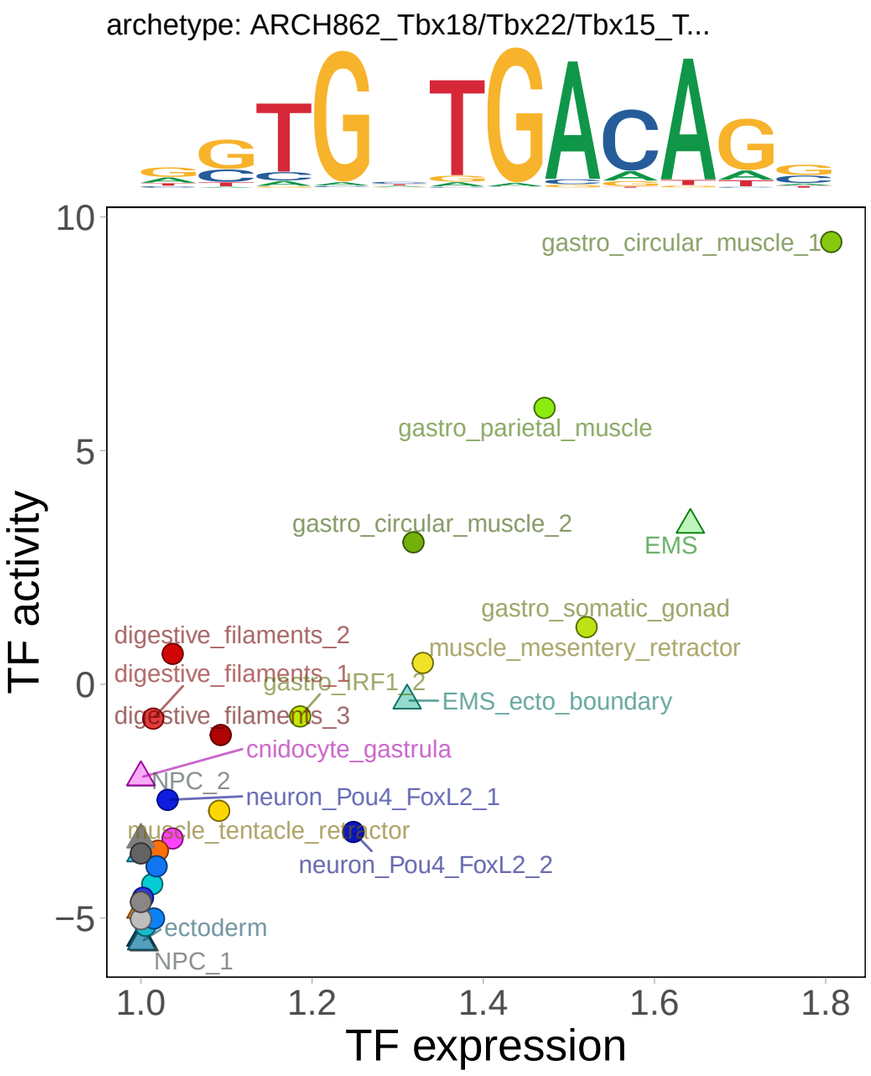


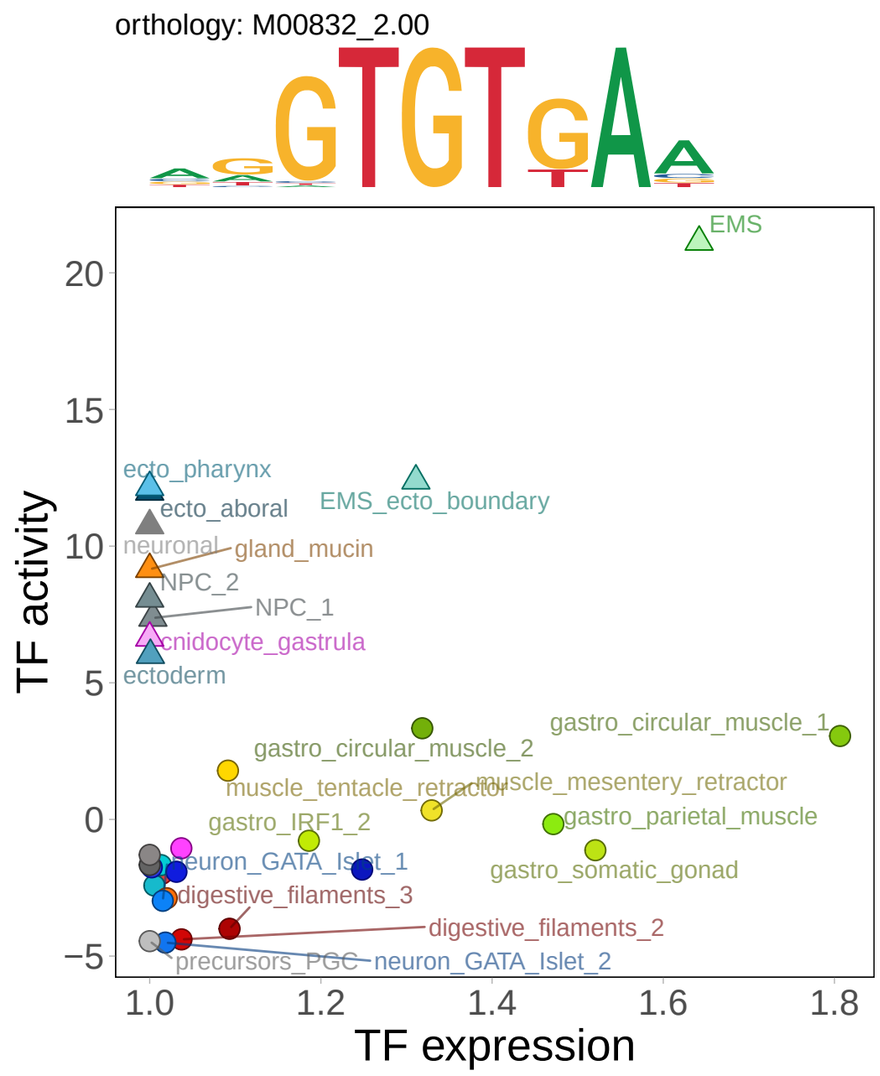
Nvec_vc1.1_XM_032386947.2 (FoxQ2a)
OG: Forkhead.HG1.13:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2
PFAM: Forkhead



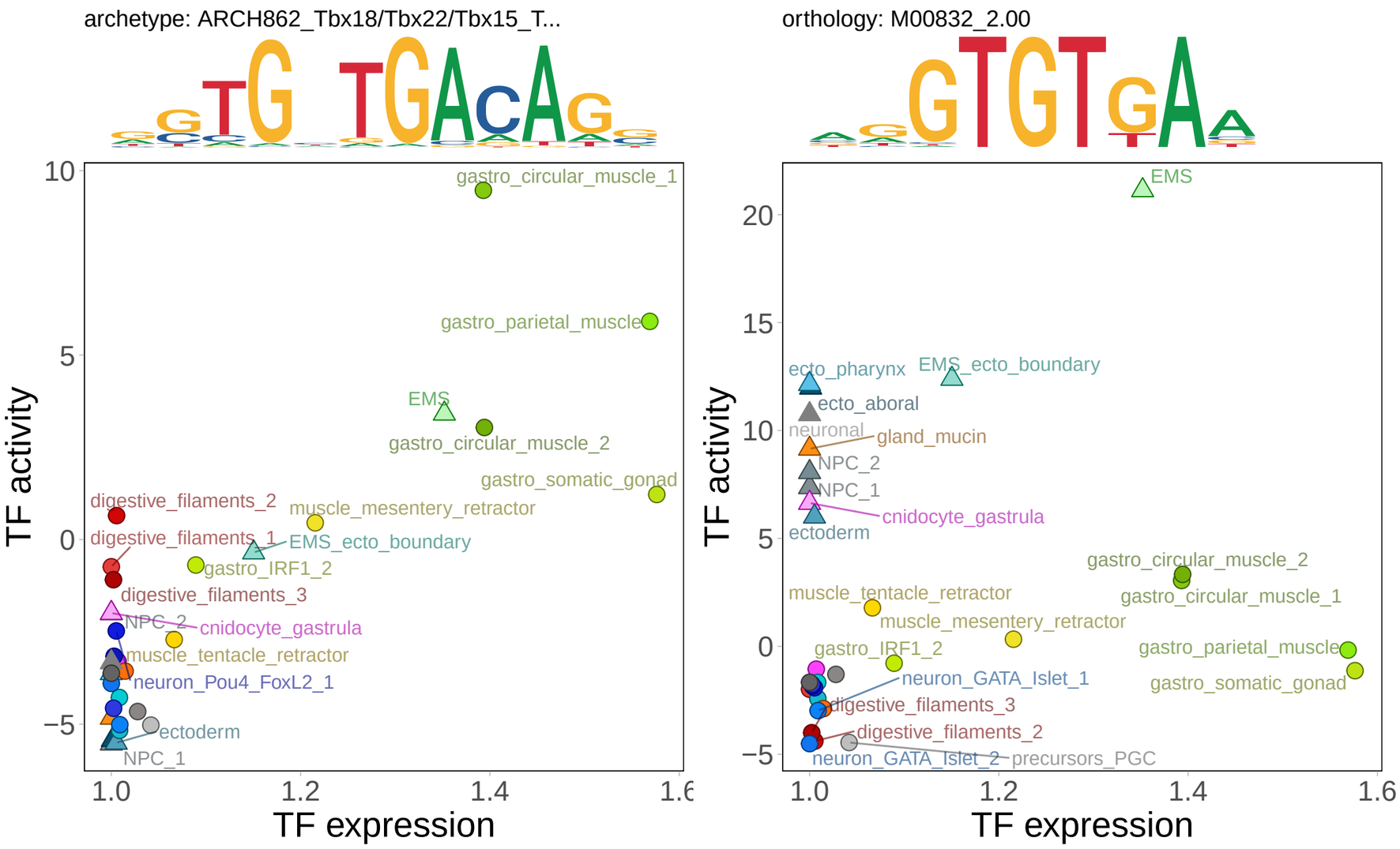


Nvec_vc1.1_XM_032374843.2 (Tbx1/10−1)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box

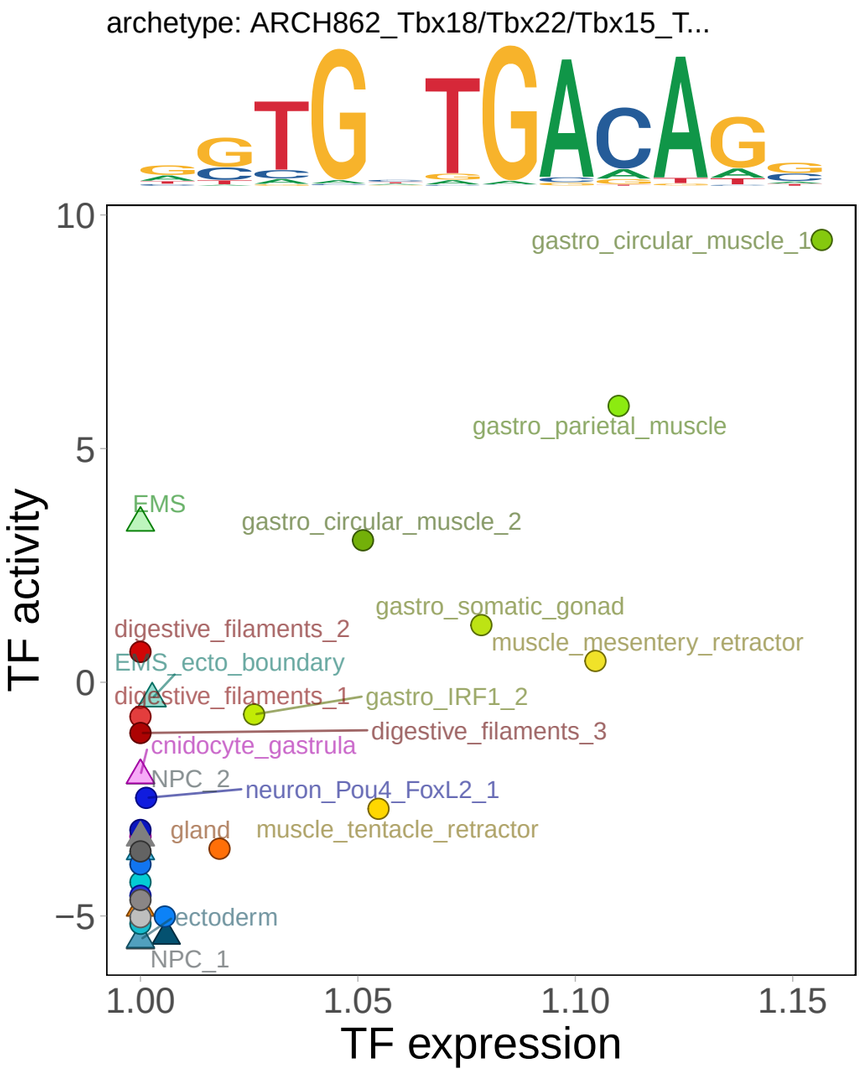


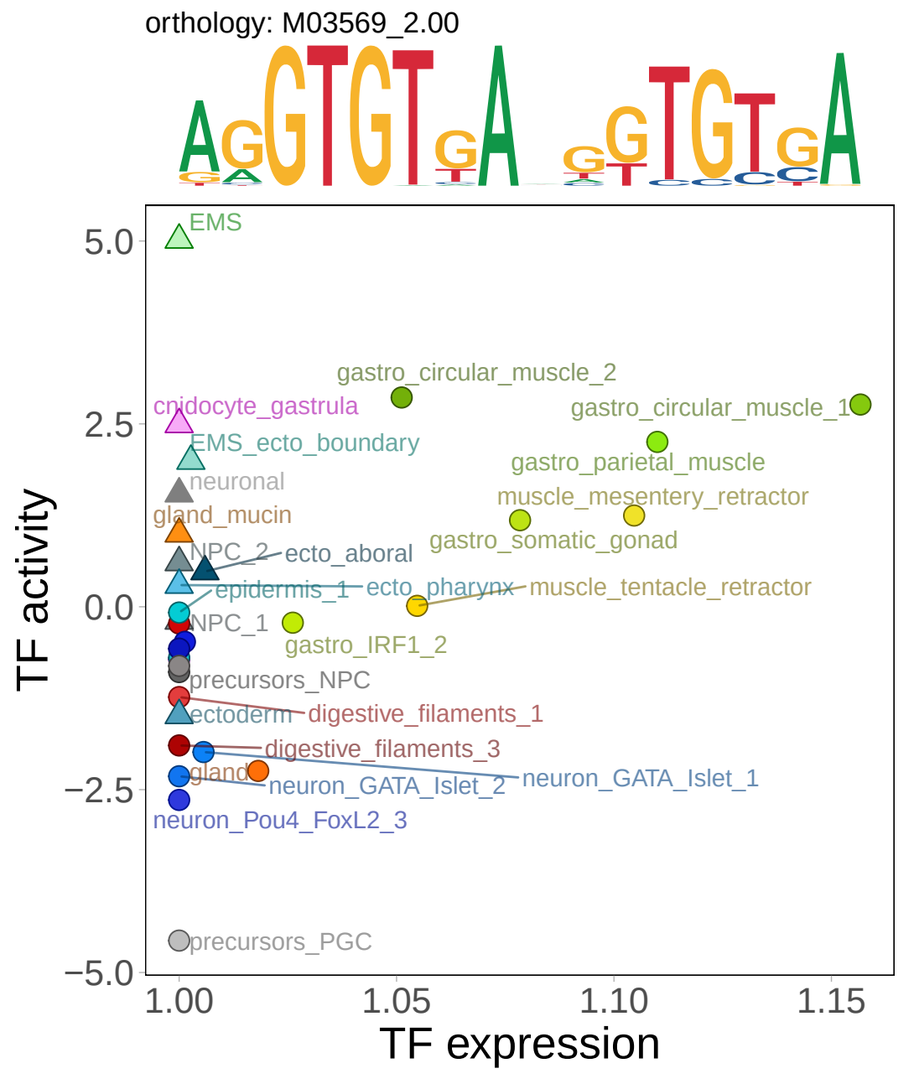


Nvec_vc1.1_XM_001627136.3 (Tbx1/10−2)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box

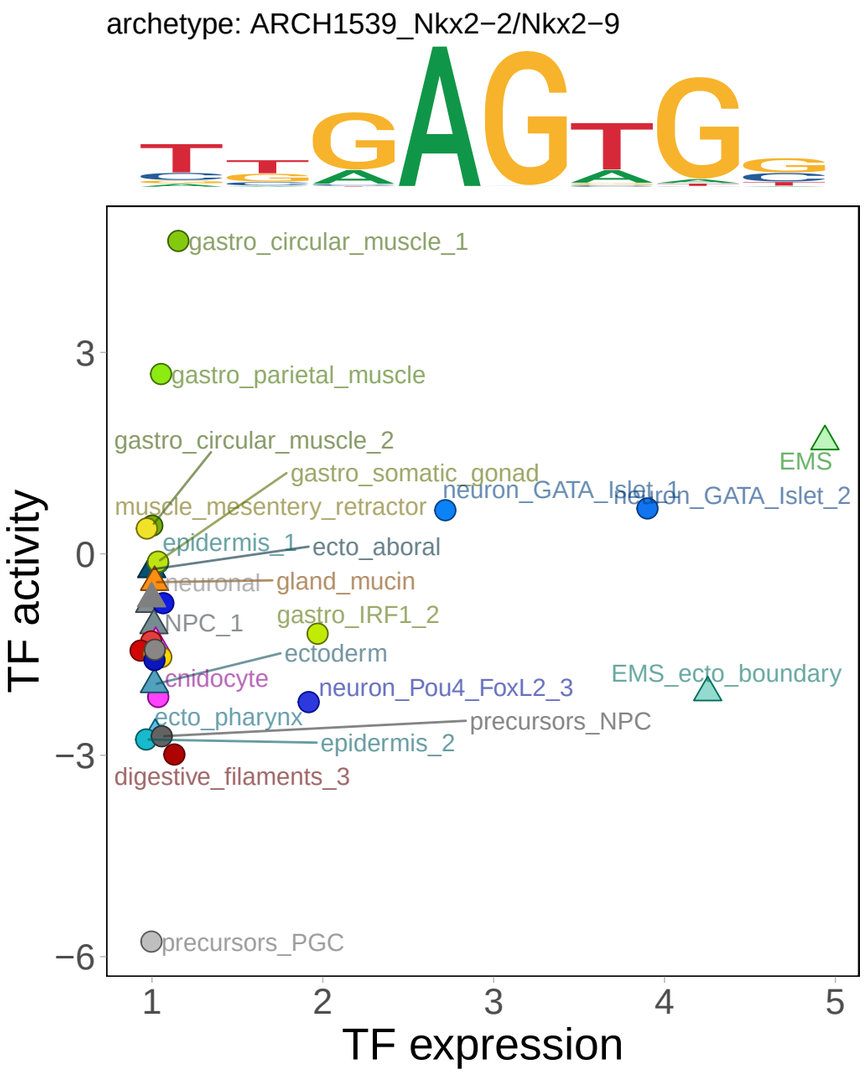


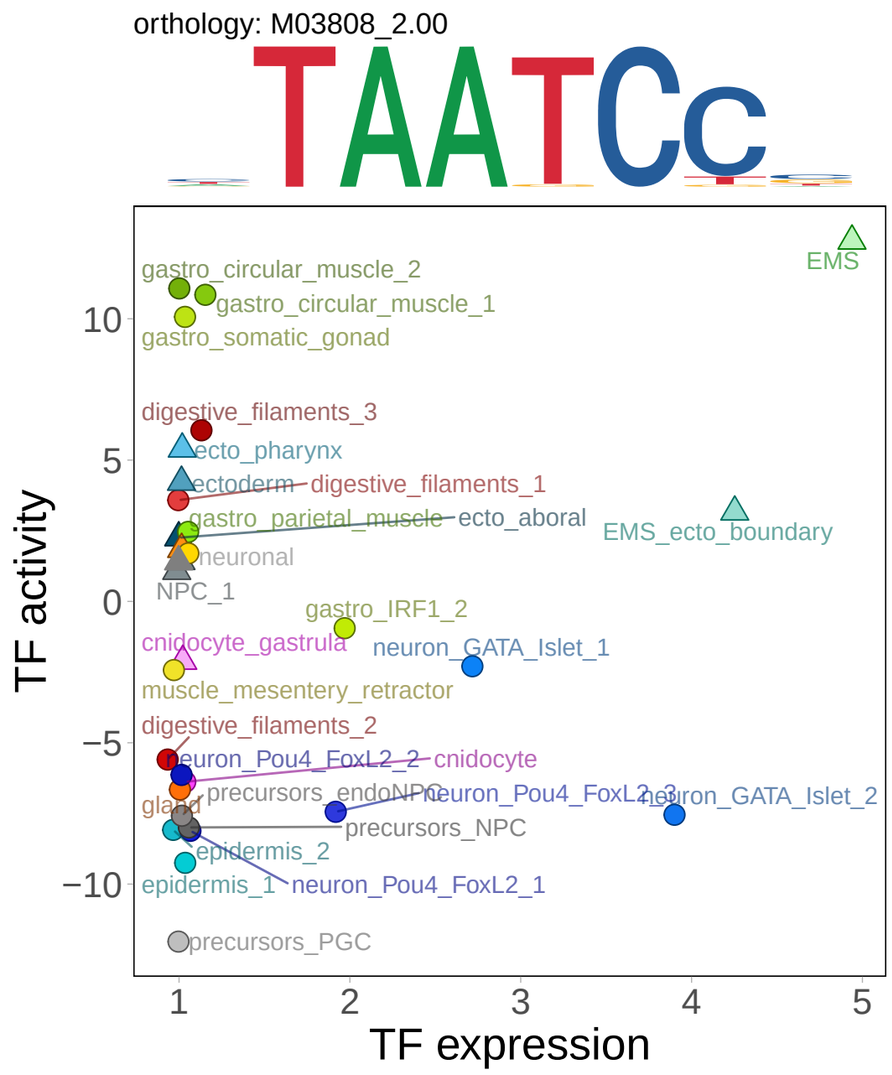
Nvec_vc1.1_XM_032377450.2 (Tbx20−1)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box



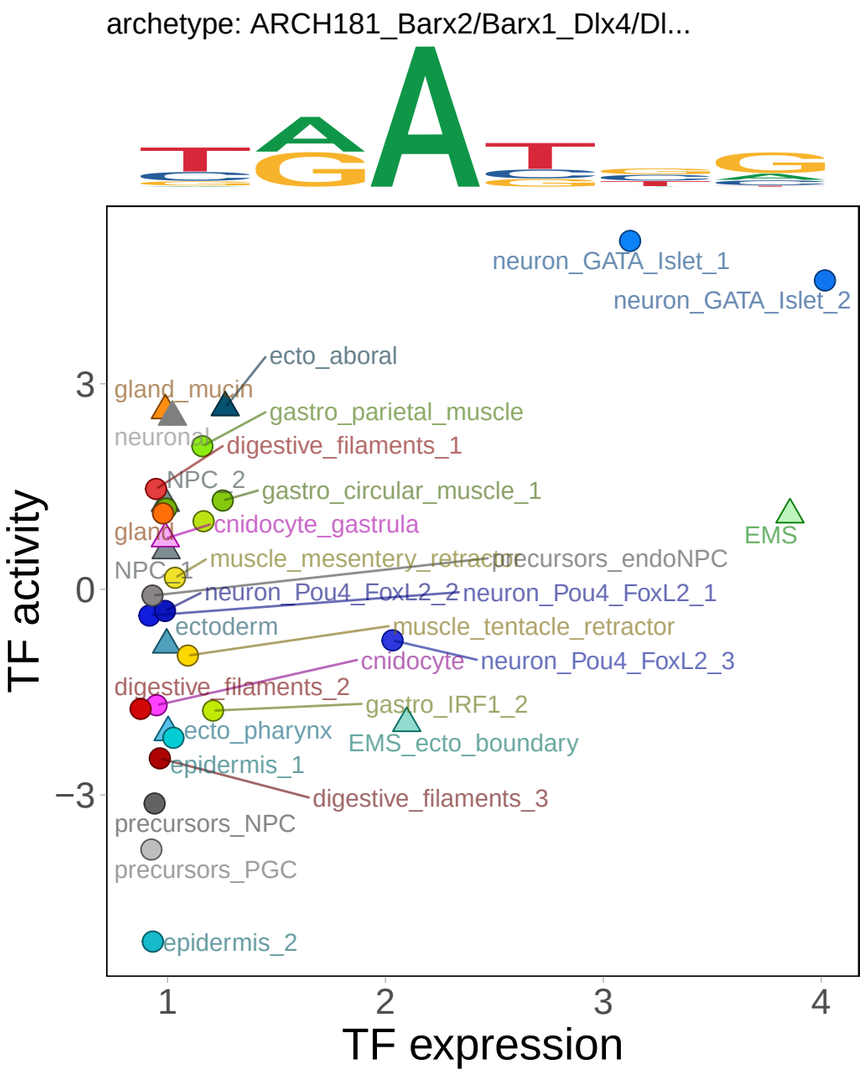


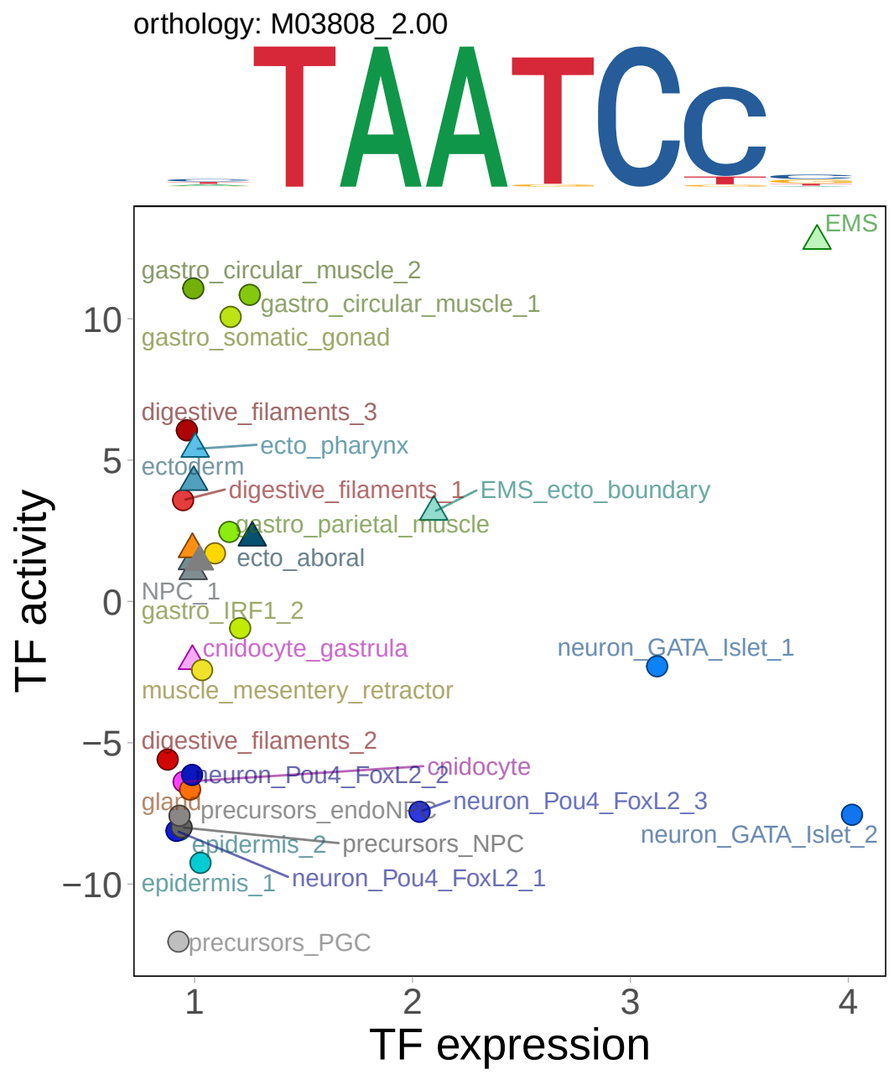
Nvec_vc1.1_XM_032375635.2 (OtxB)
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain





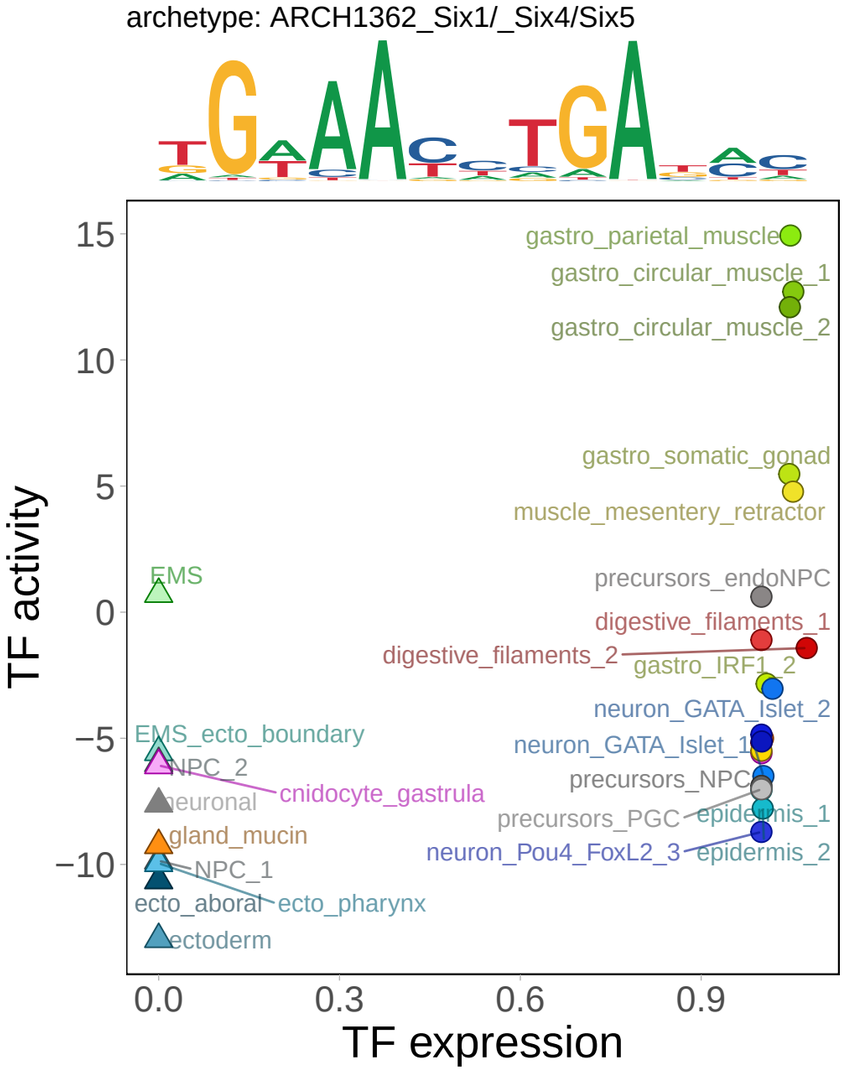
Nvec_vc1.1_XM_001647471.3 (OtxC)
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain



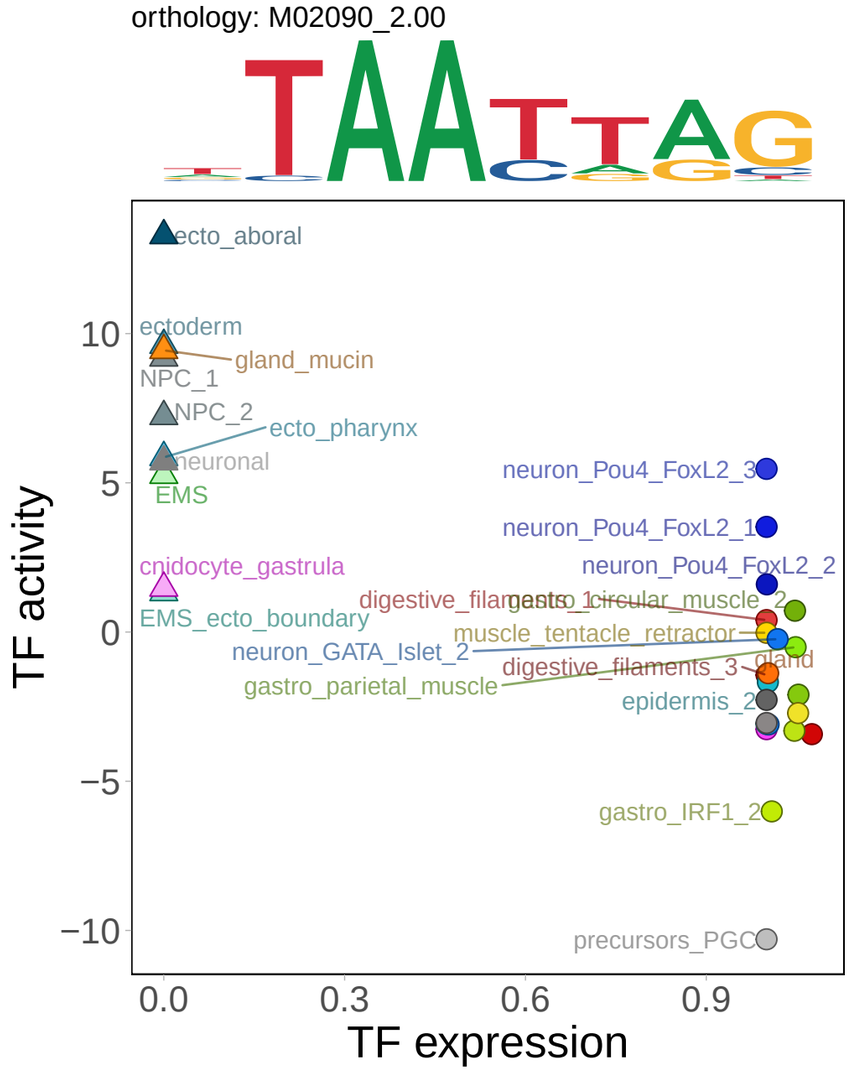


Nvec_vc1.1_XM_001634715.3 (Lbx)
OG: Homeodomains.HG1.29:LBX1/LBX2
PFAM: Homeodomain

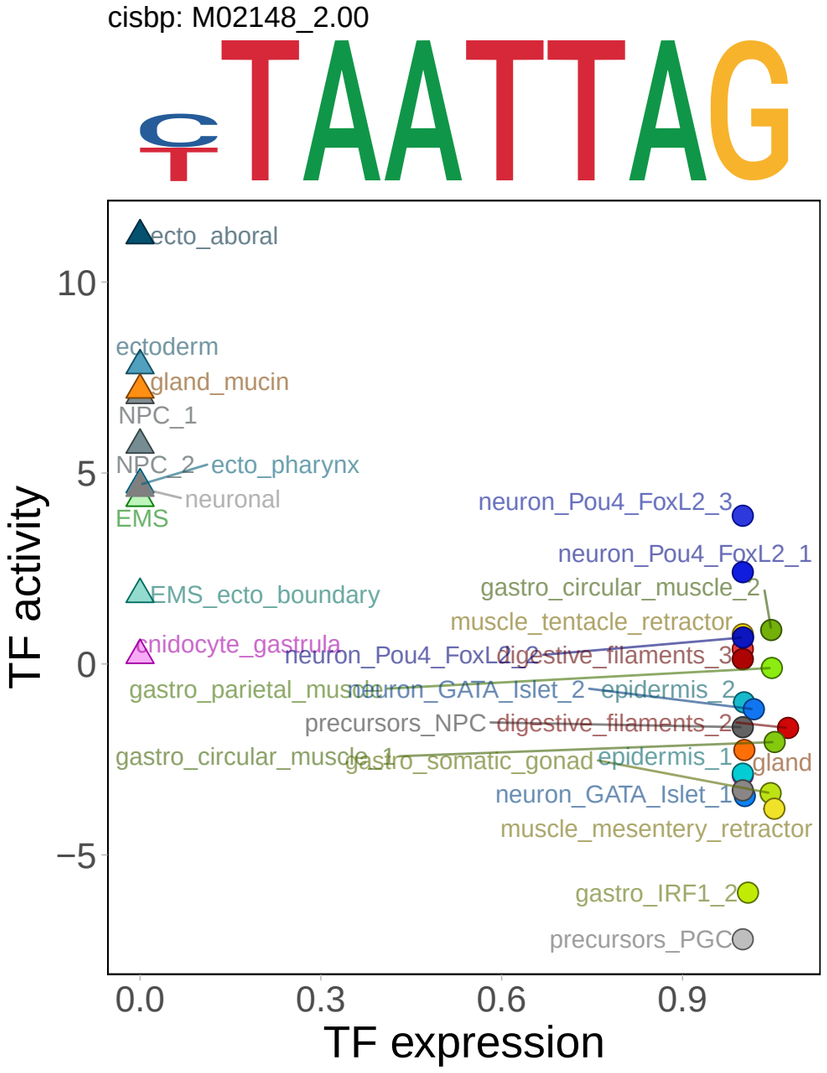
archetype: ARCH1362_Six1/_Six4/Six5



orthology: M02090_2.00

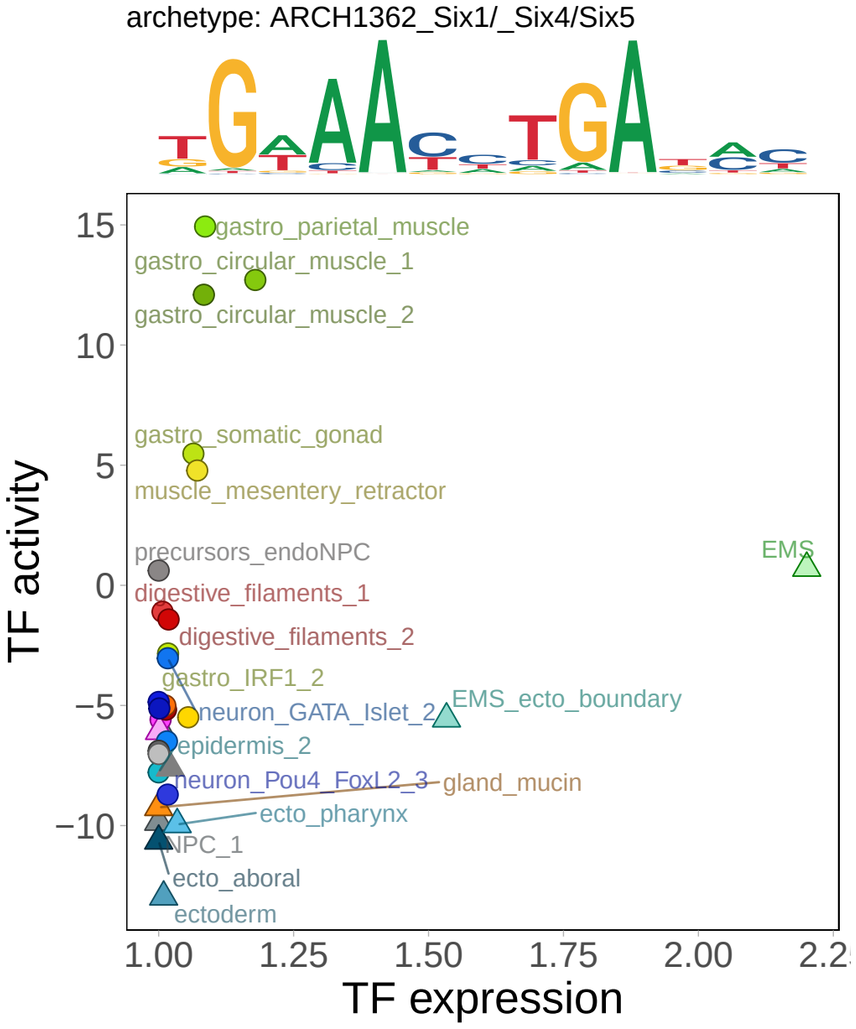


cisbp: M02148_2.00

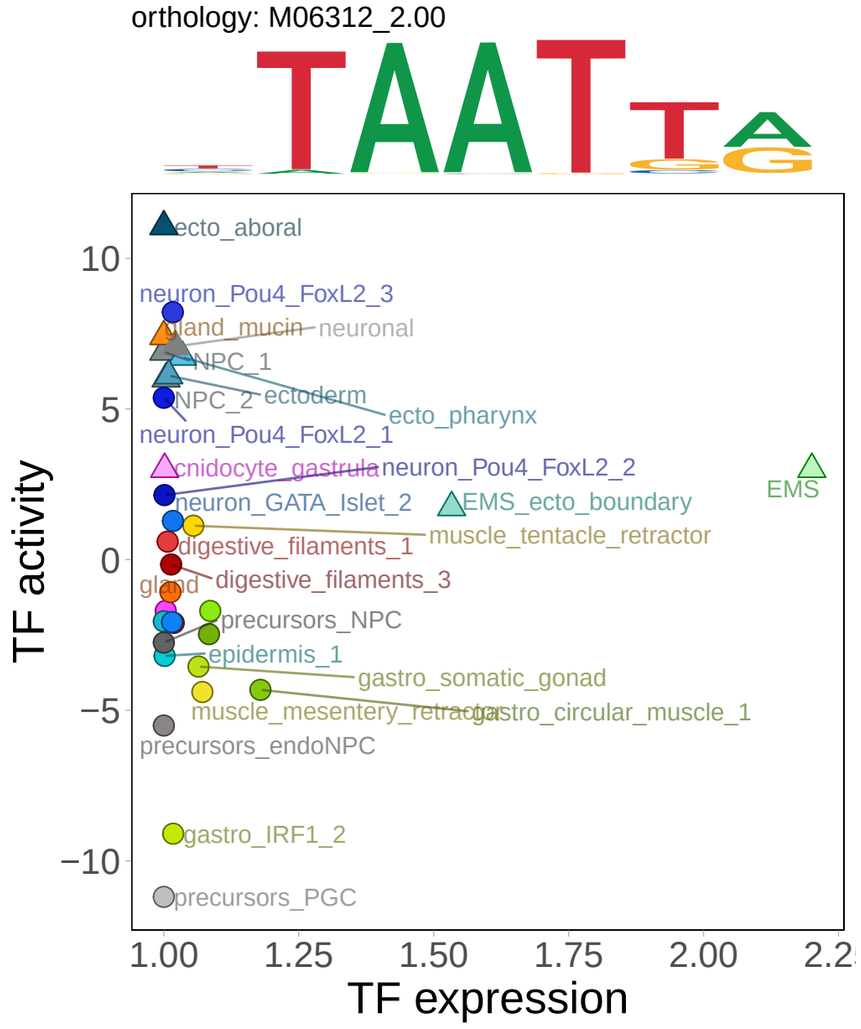


Nvec_vc1.1_XM_032379688.2 (NVHD033−ANTP)
OG: Homeodomains.HG1.39:BARHL1/BARHL2
PFAM: Homeodomain

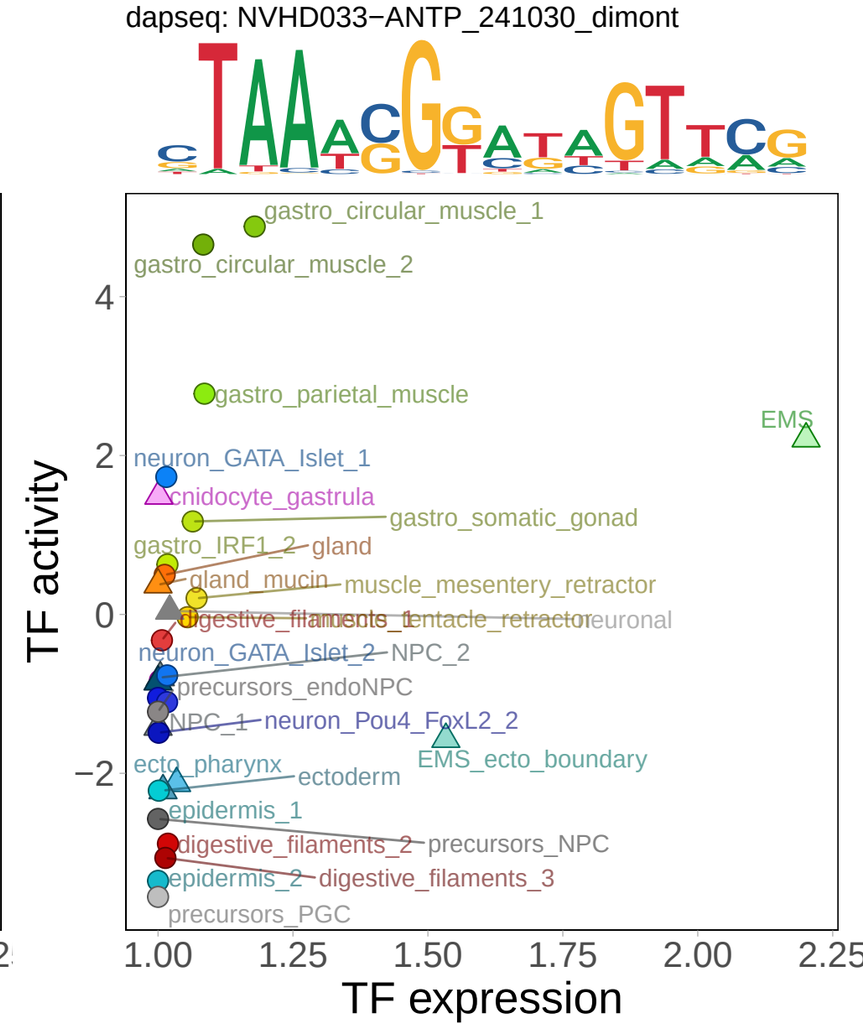
archetype: ARCH1362_Six1/_Six4/Six5



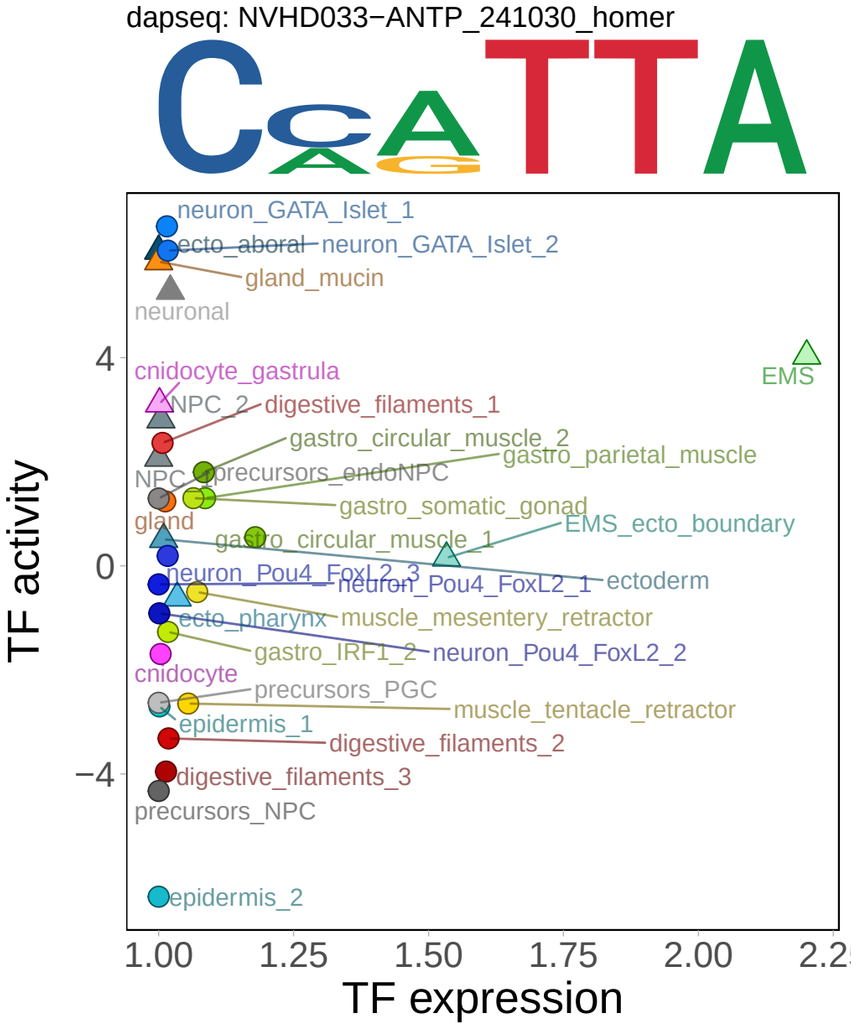
orthology: M06312_2.00



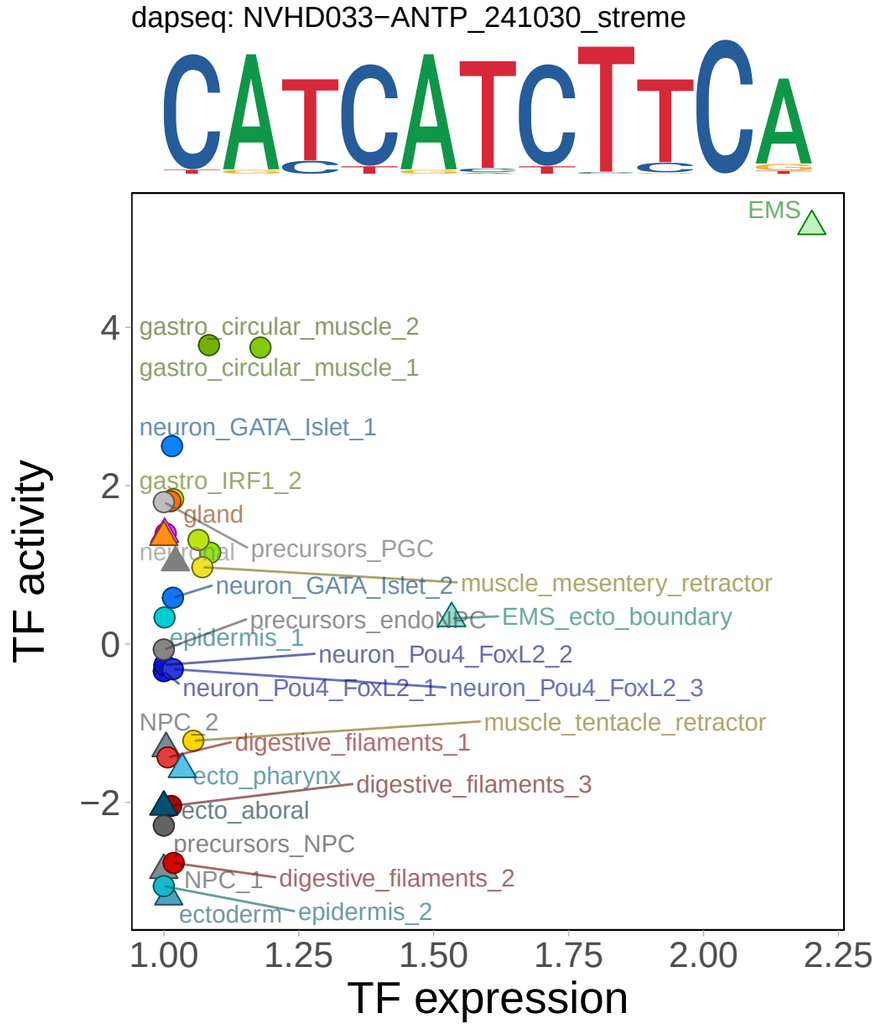
dapseq: NVHD033−ANTP_241030_dimont



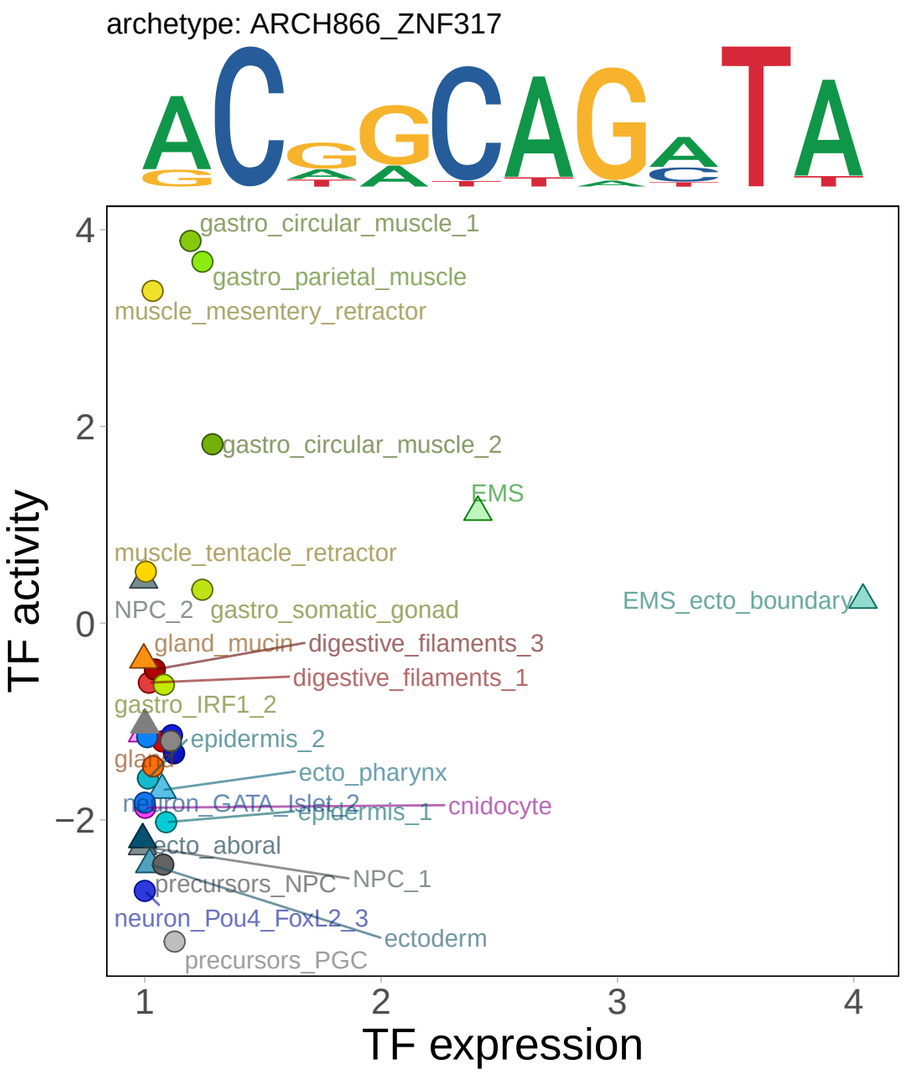
dapseq: NVHD033−ANTP_241030_homer



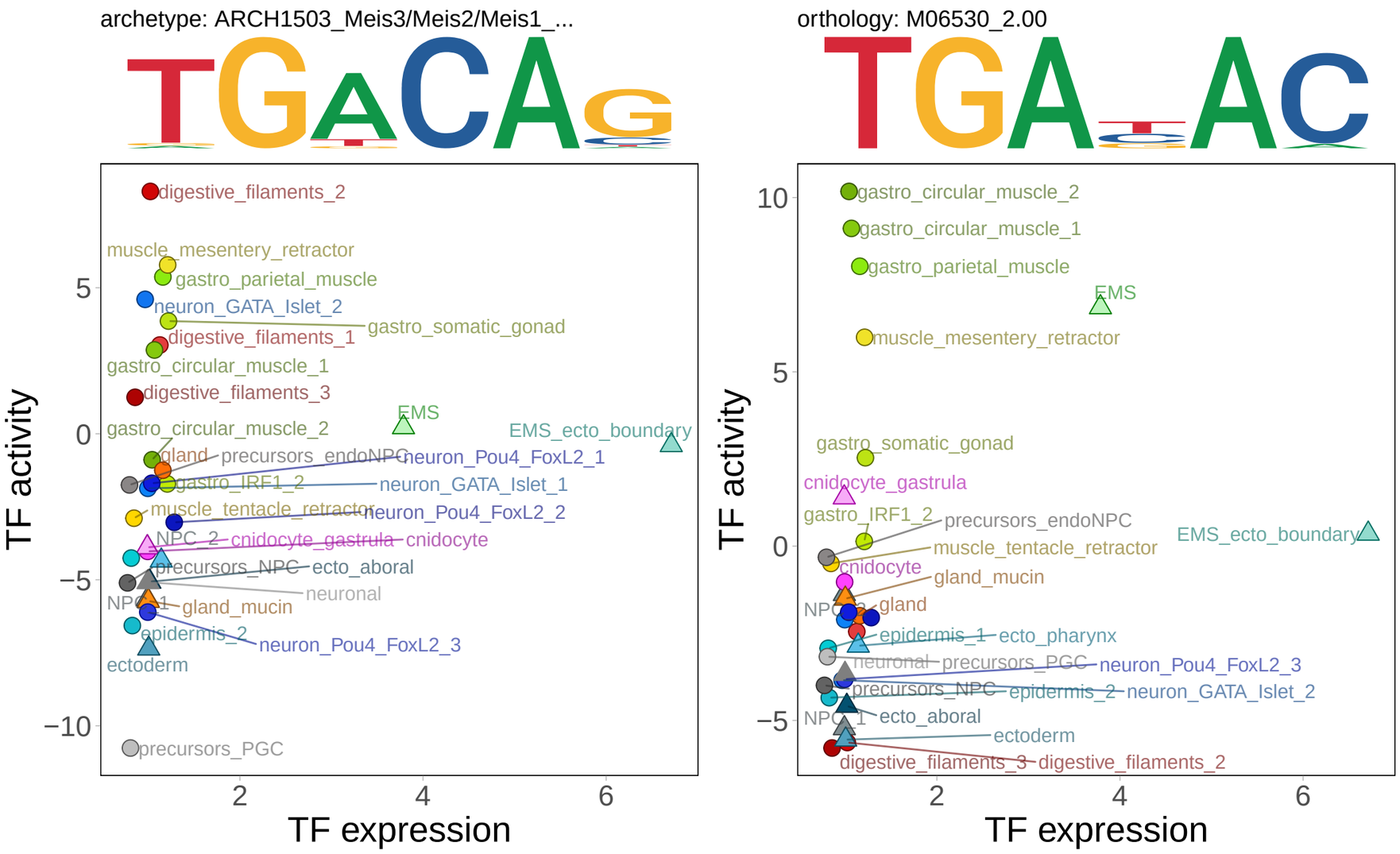
dapseq: NVHD033−ANTP_241030_streme



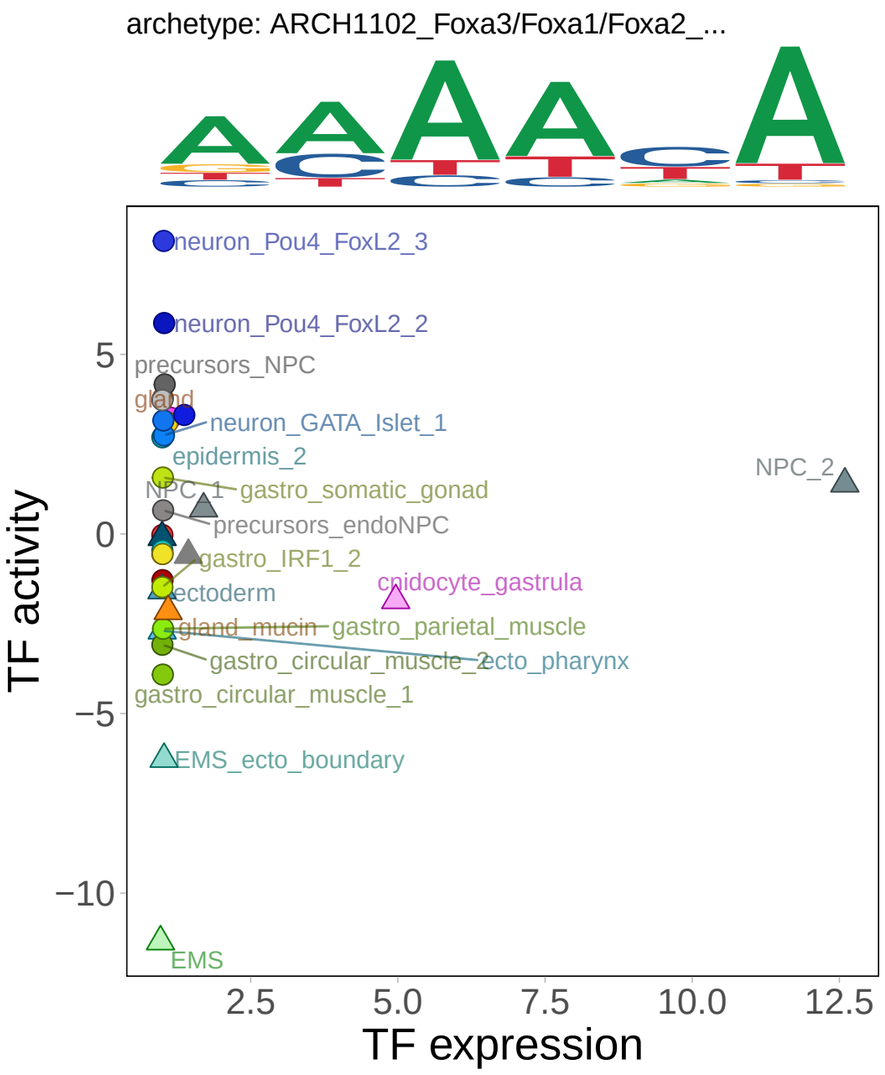
Nvec_vc1.1_XM_032387186.2 (SnailA)
OG: zf−C2H2.HG7.5:SNAI1/SNAI2/SNAI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

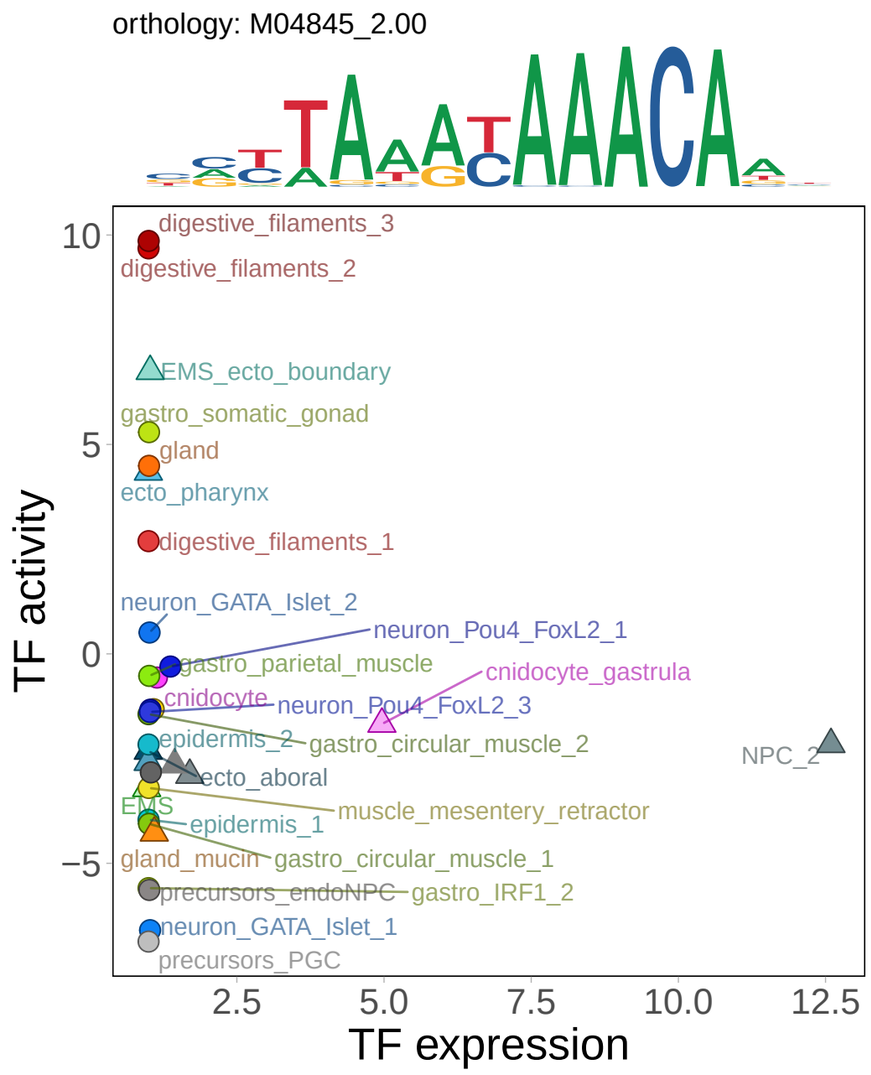


Nvec_vc1.1_XM_001623084.3 (Six4/5)
OG: Homeodomains.HG3.24:SIX4/SIX5
PFAM: SIX1_SD/Homeodomain



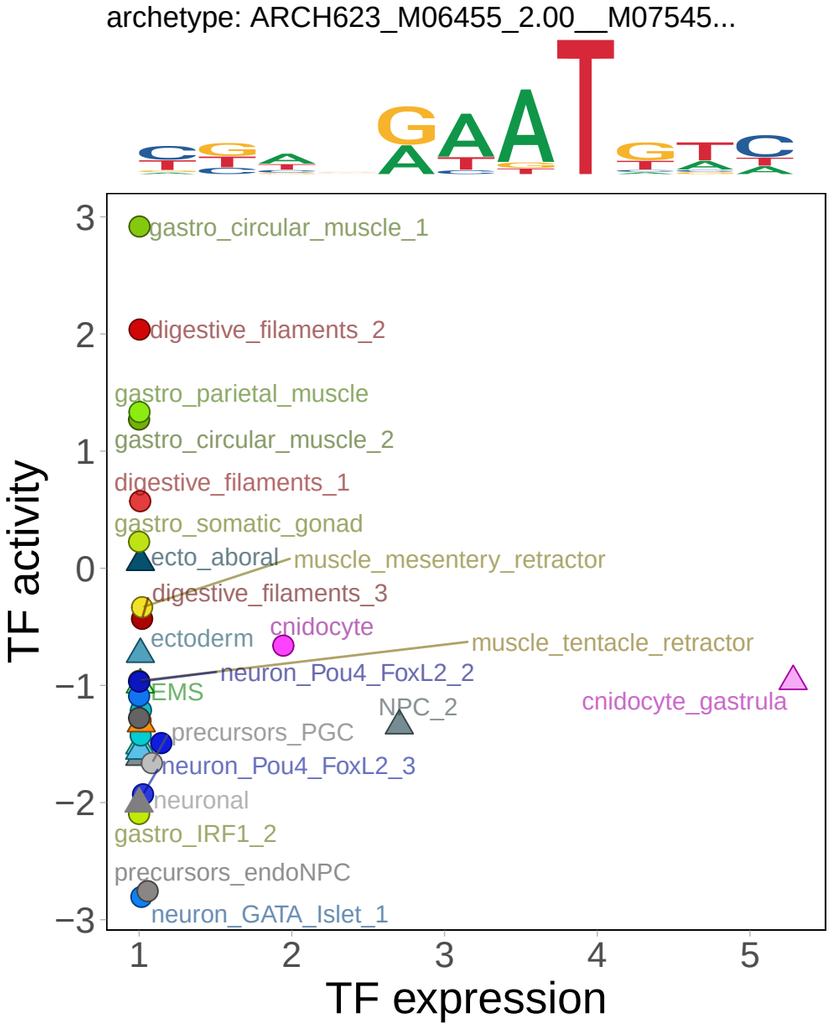
Nvec_vc1.1_XM_032387167.2 (FoxA/D?)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/FOXD4/FOXD4L1/FO
PFAM: Forkhead



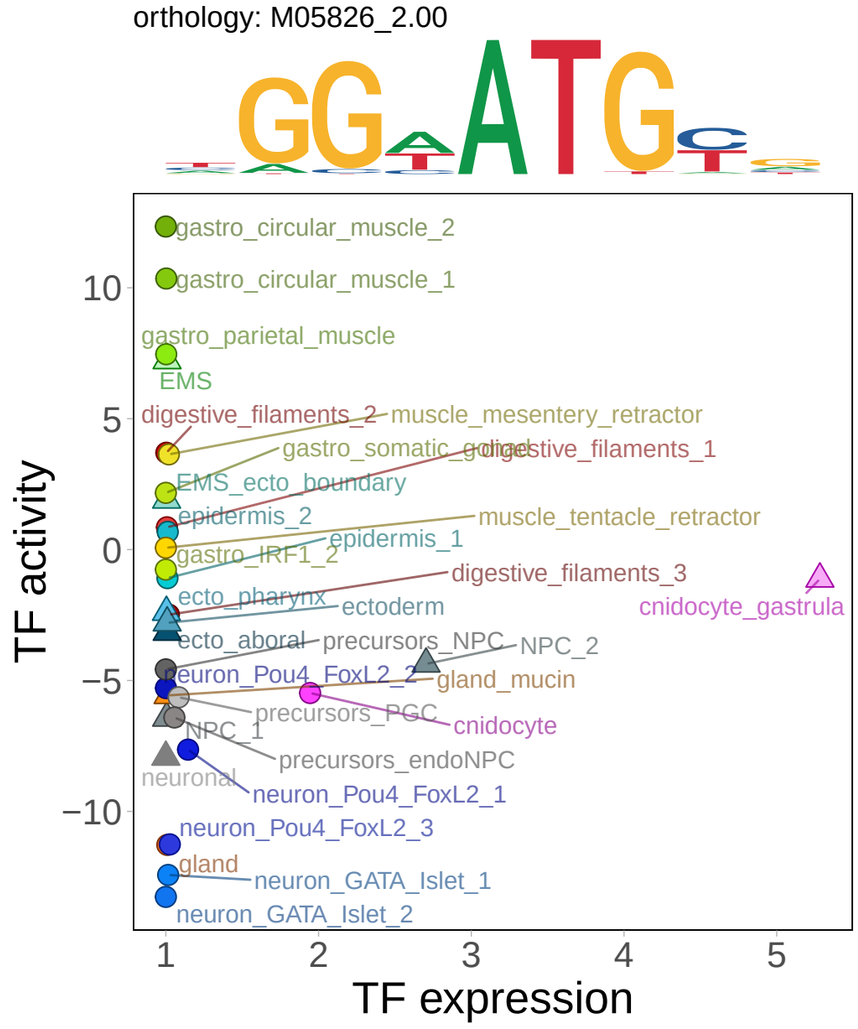


Nvec_vc1.1_XM_032364331.2
OG: TEA.HG1.0:TEAD1/TEAD2/TEAD3/TEAD4
PFAM: TEA

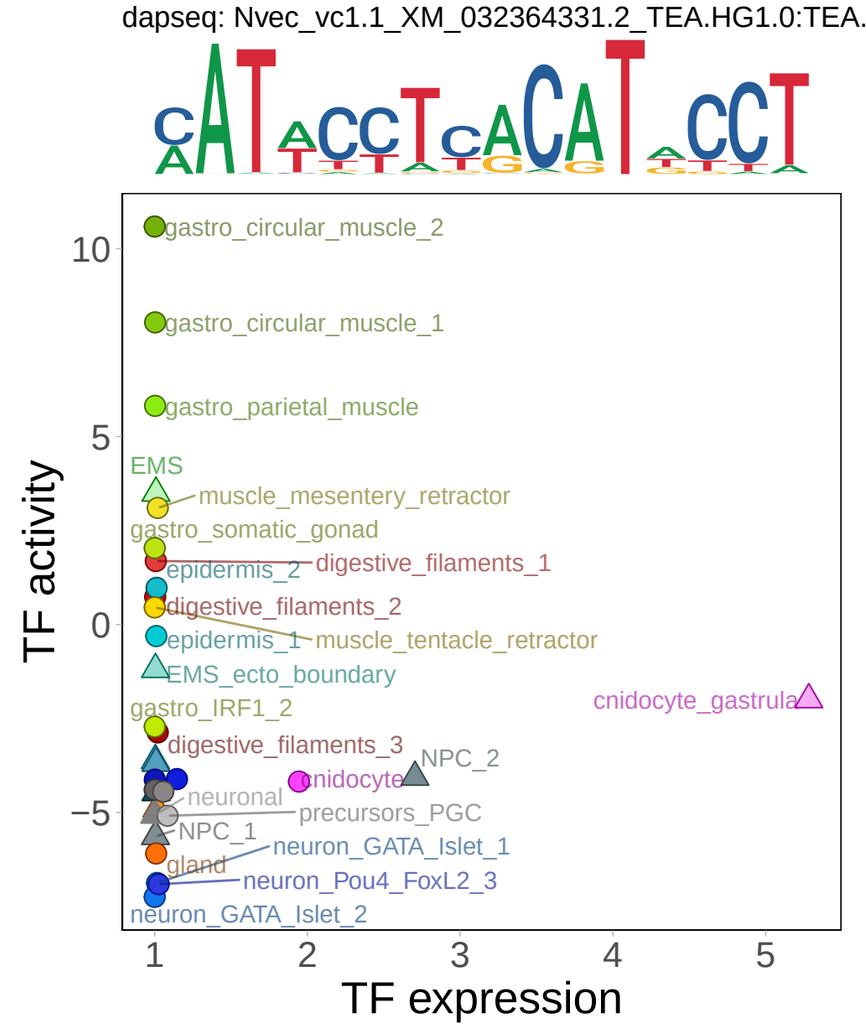
archetype: ARCH623_M06455_2.00__M07545...



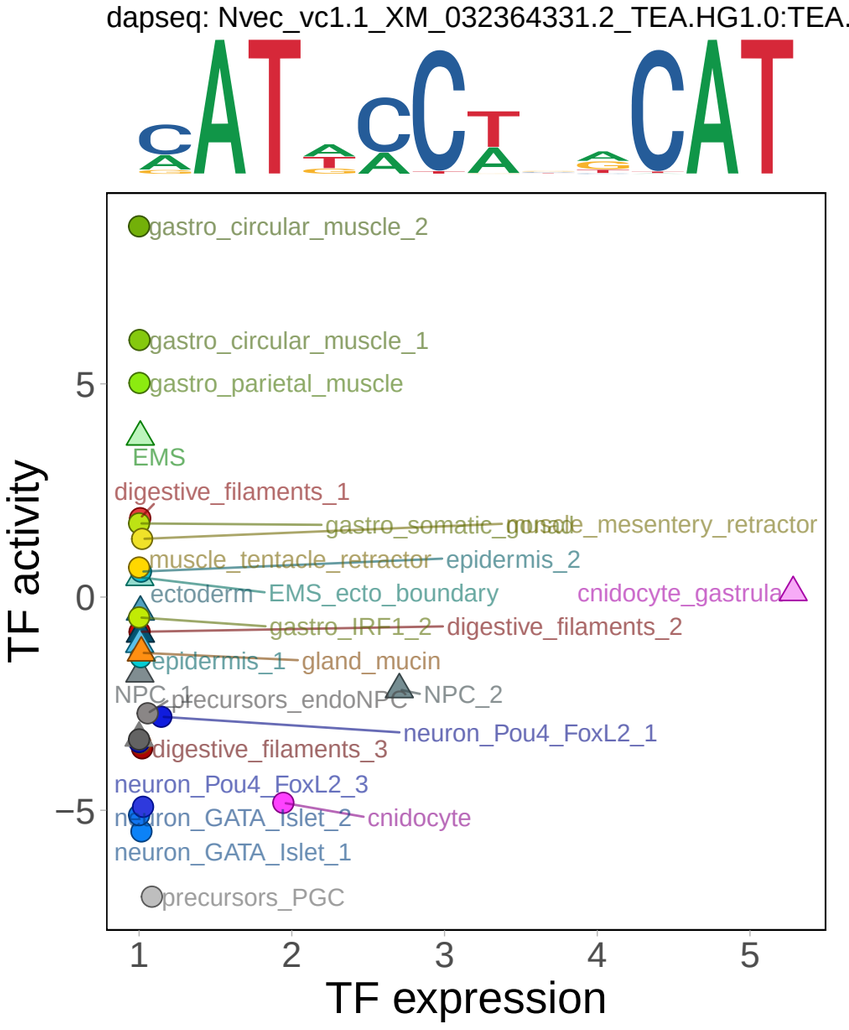
orthology: M05826_2.00



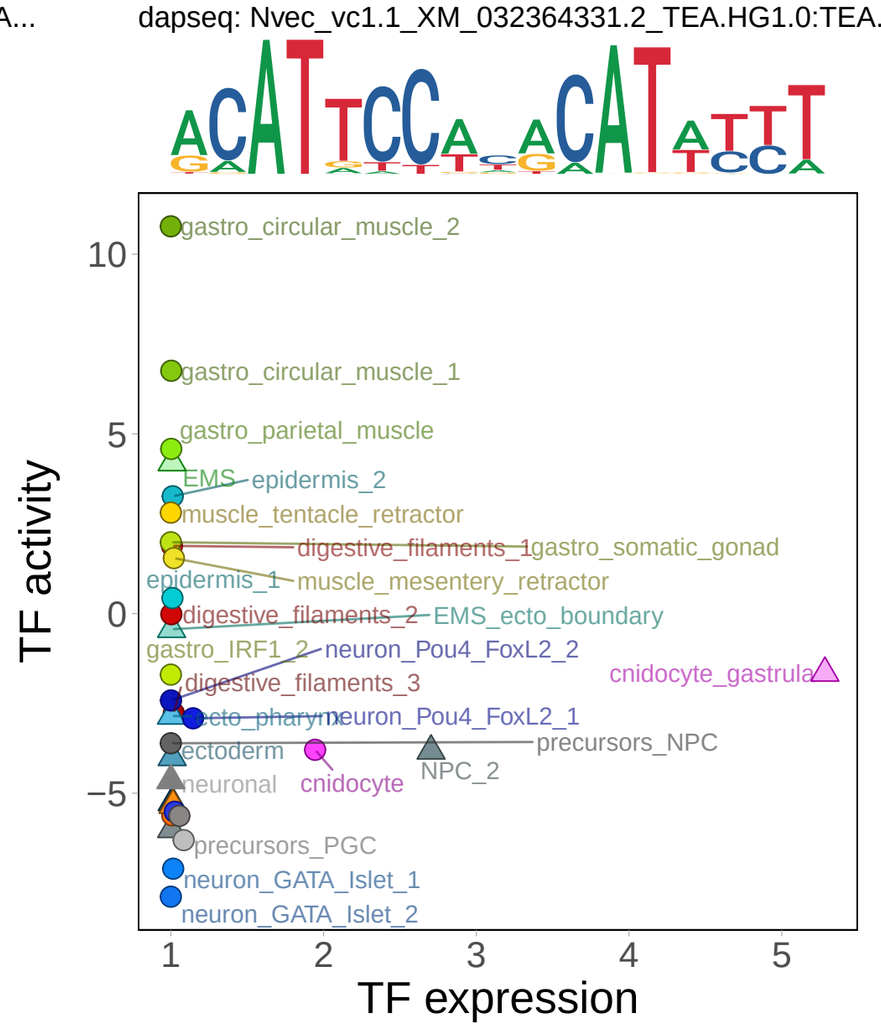
dapseq: Nvec_vc1.1_XM_032364331.2_TEA.HG1.0:TEA.



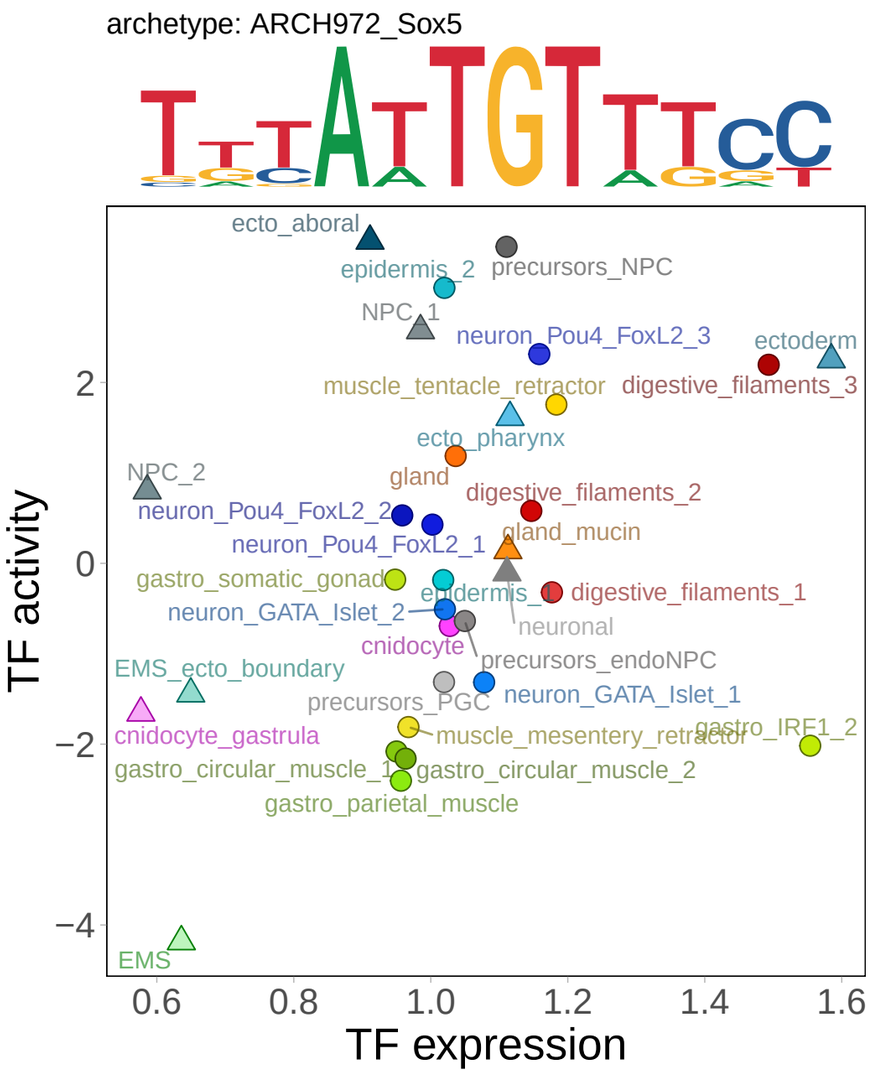
dapseq: Nvec_vc1.1_XM_032364331.2_TEA.HG1.0:TEA...

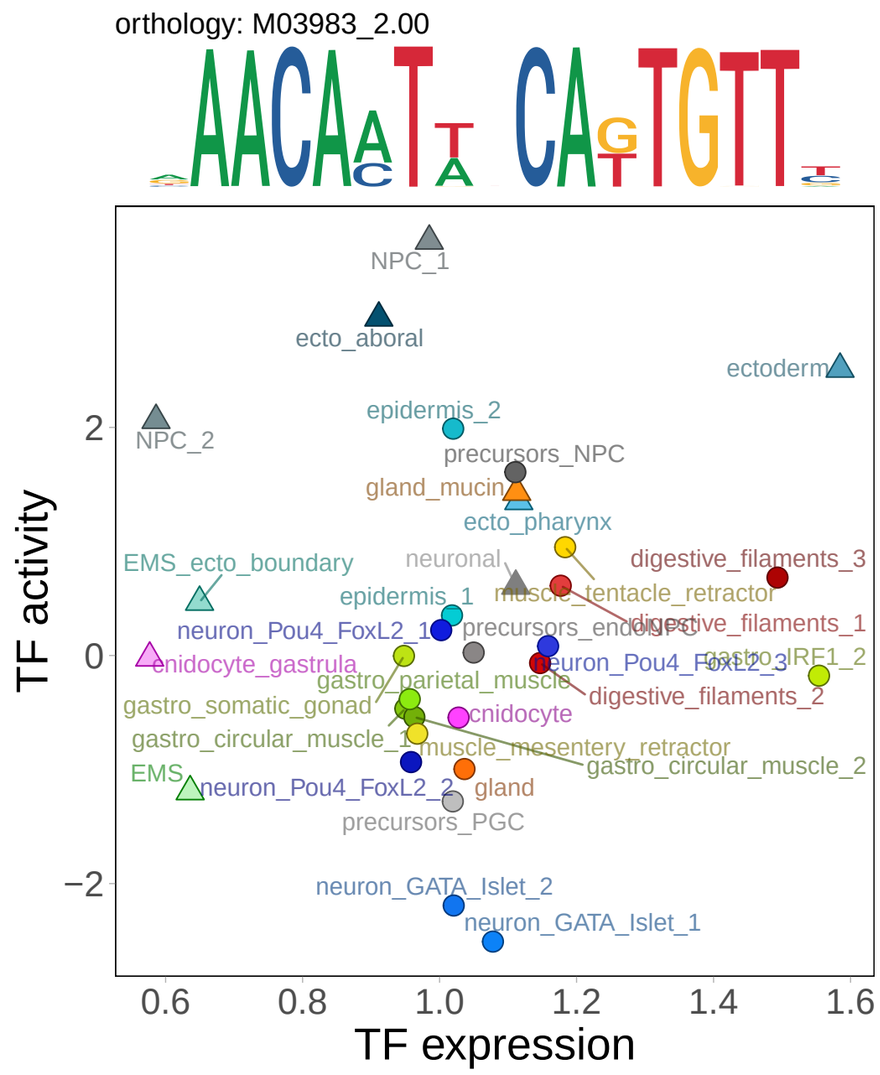


dapseq: Nvec_vc1.1_XM_032364331.2_TEA.HG1.0:TEA...



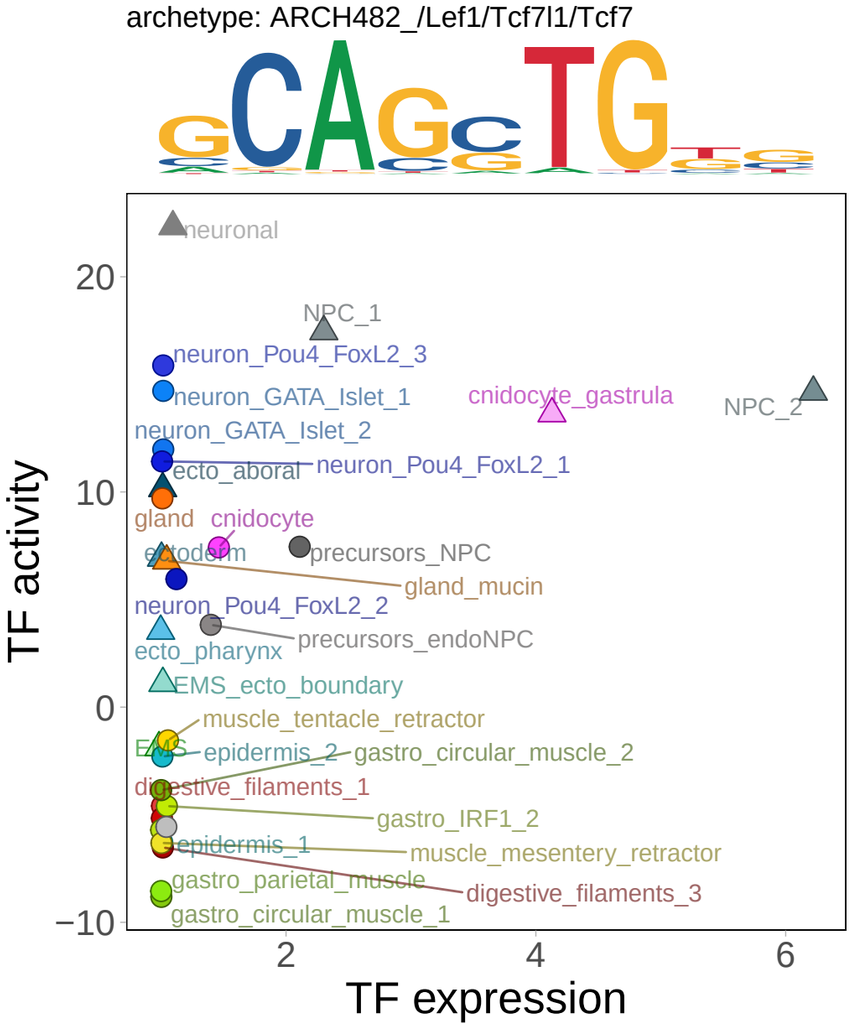
Nvec_vc1.1_XM_001624716.3 (NvSox1)
OG: HMGbox_Sox.HG1.35:SOX1/SOX2/SOX3/SOX14/SOX21
PFAM: HMG_box/SOXp



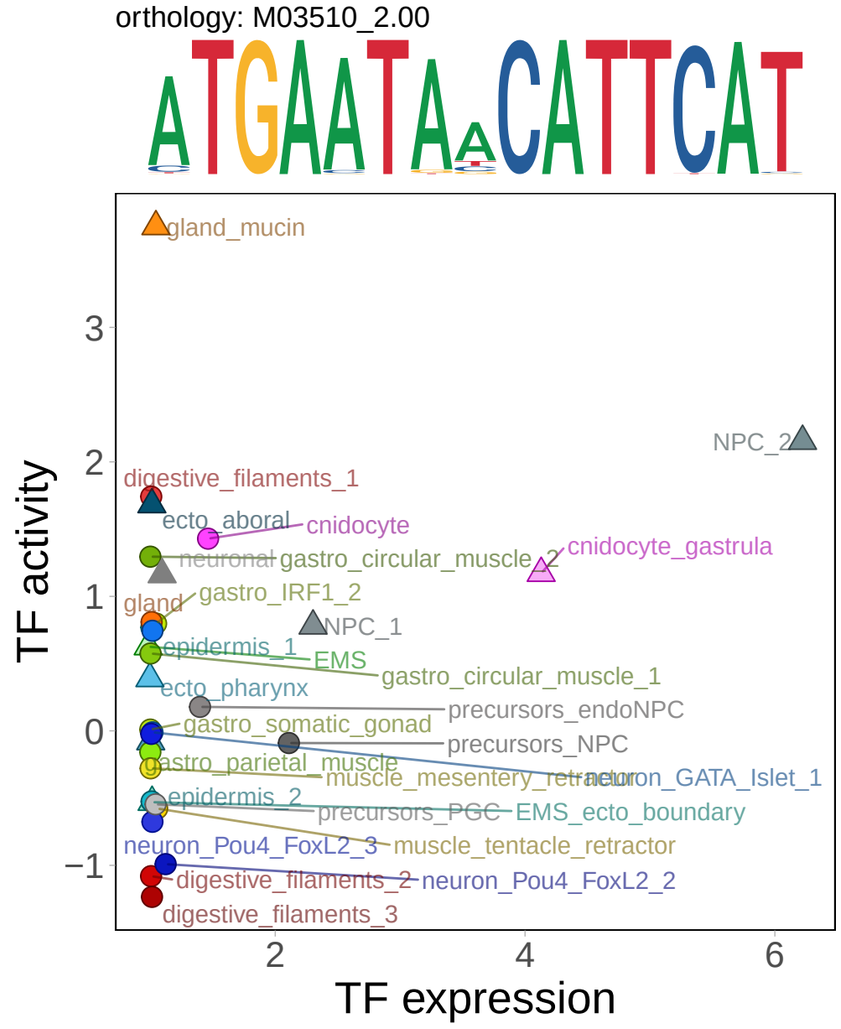


Nvec_vc1.1_XM_001639701.3 (NvSox2)
OG: HMGbox_Sox.HG1.14:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY
PFAM: HMG_box

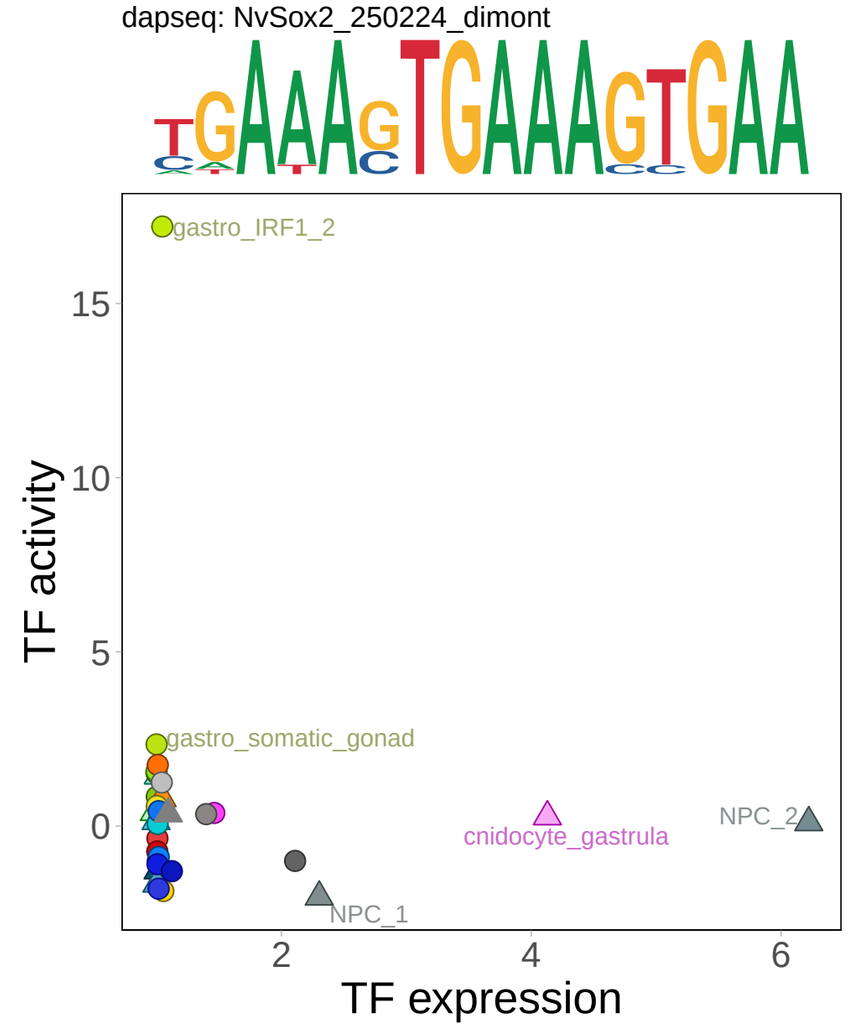
archetype: ARCH482_/Lef1/Tcf7l1/Tcf7



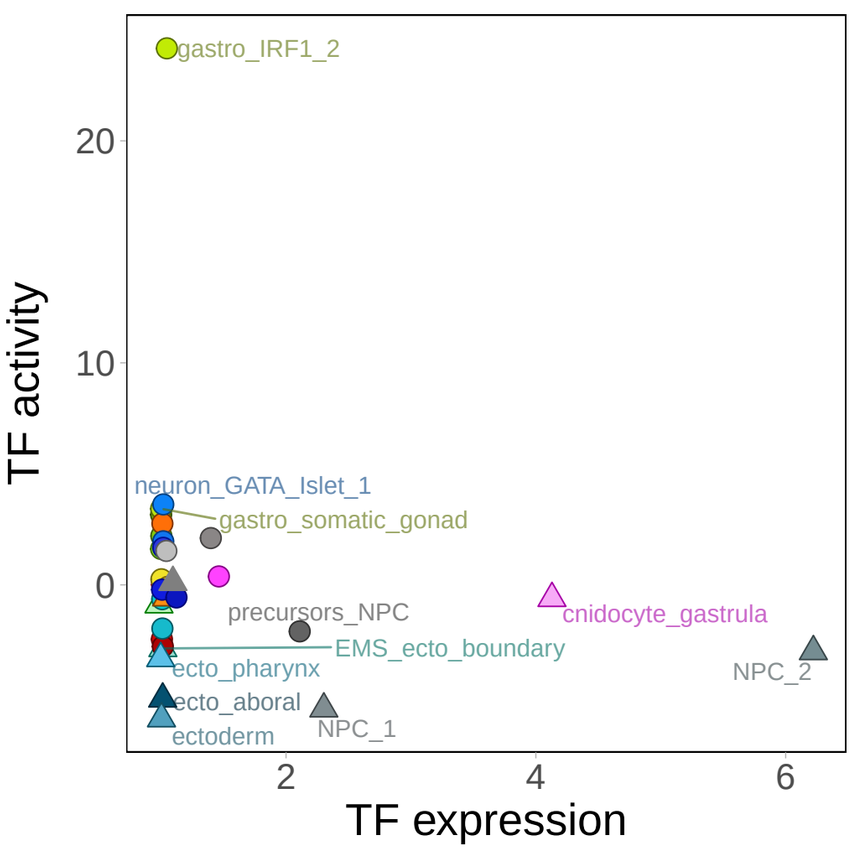
orthology: M03510_2.00



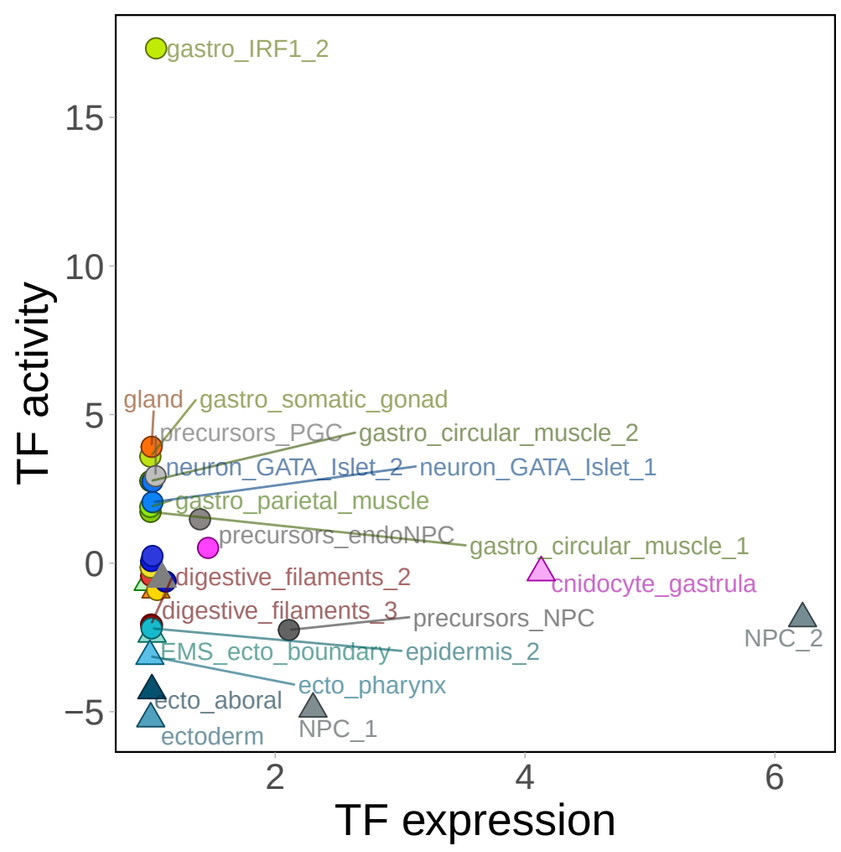
dapseq: NvSox2_250224_dimont



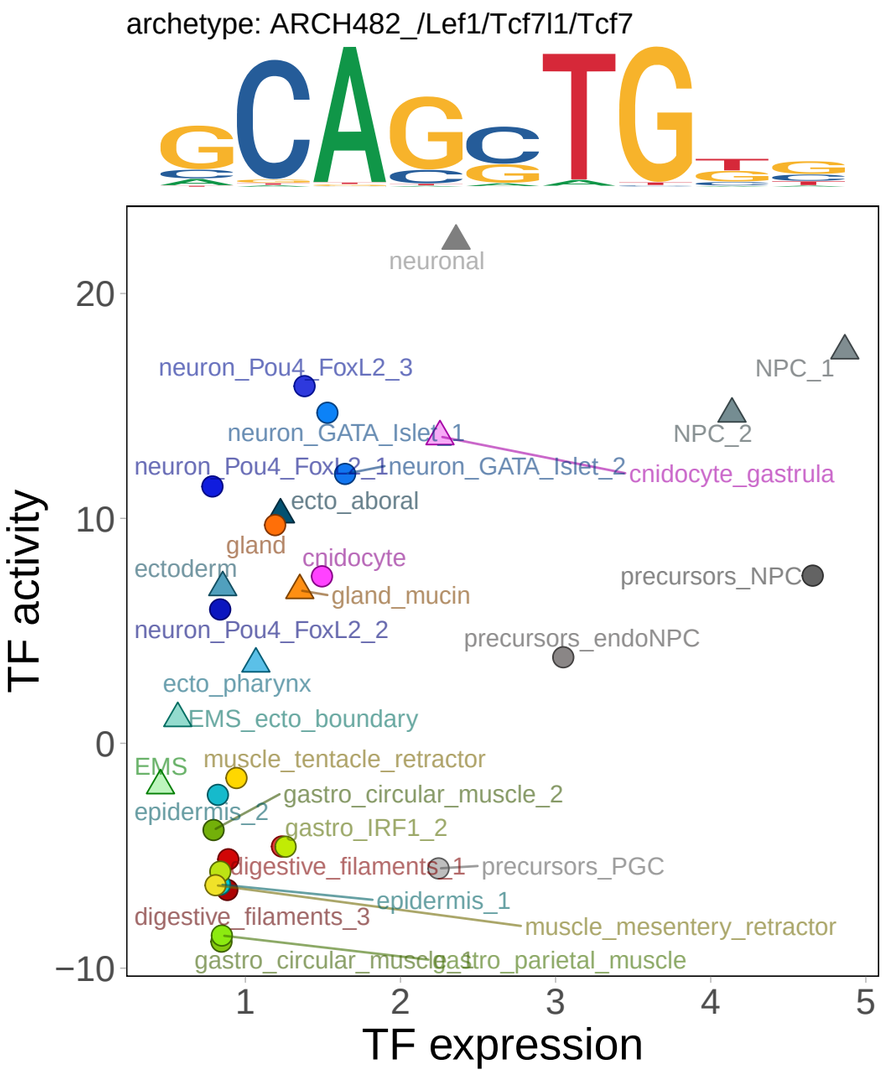
dapseq: NvSox2_250224_homer

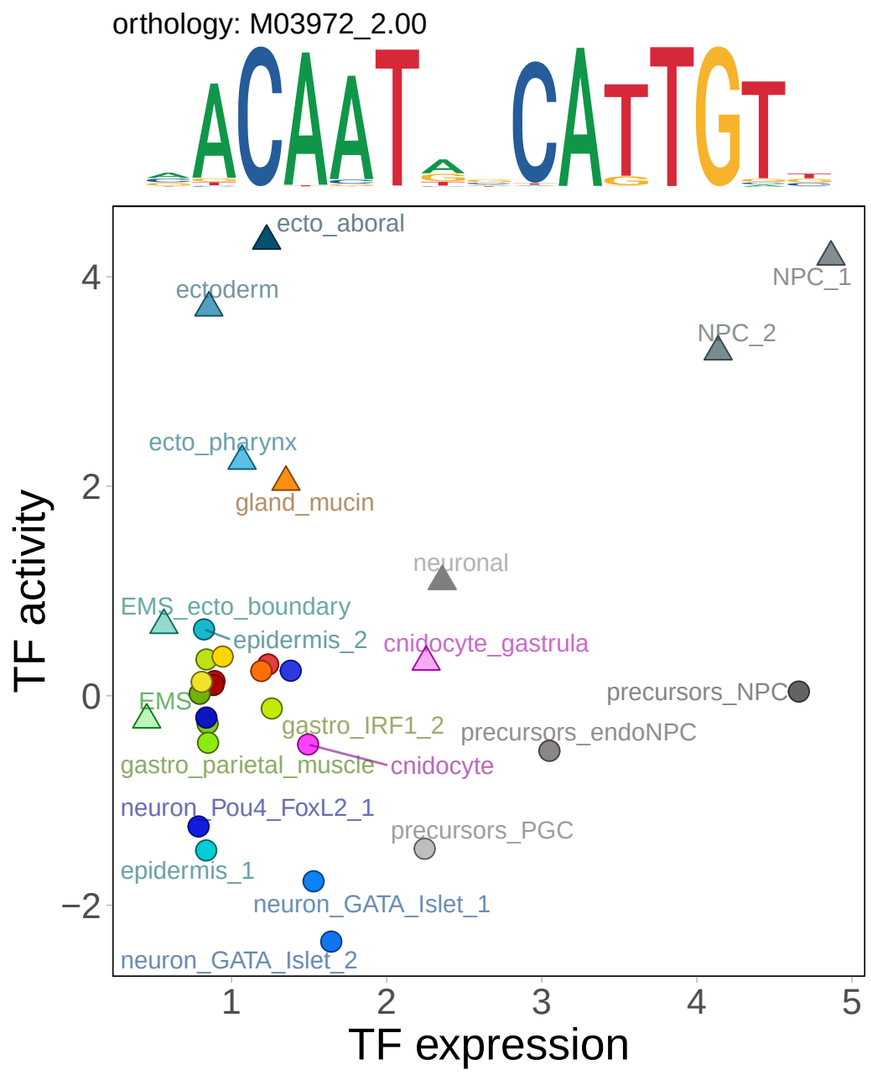


dapseq: NvSox2_250224_streme

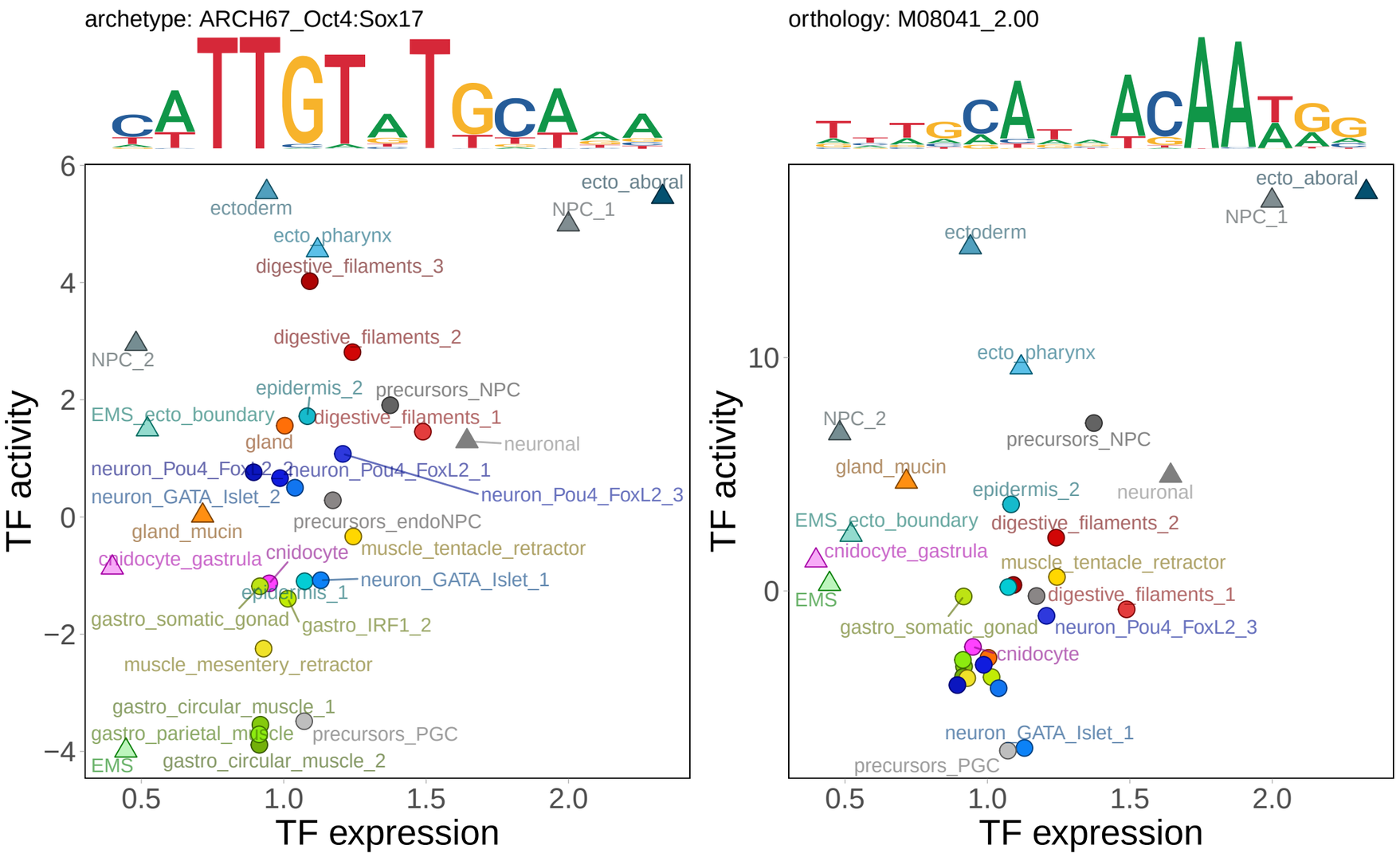


Nvec_vc1.1_XM_032372264.2 (NvSoxC)
OG: HMGbox_Sox.HG1.11:SOX4/SOX11/SOX12
PFAM: HMG_box

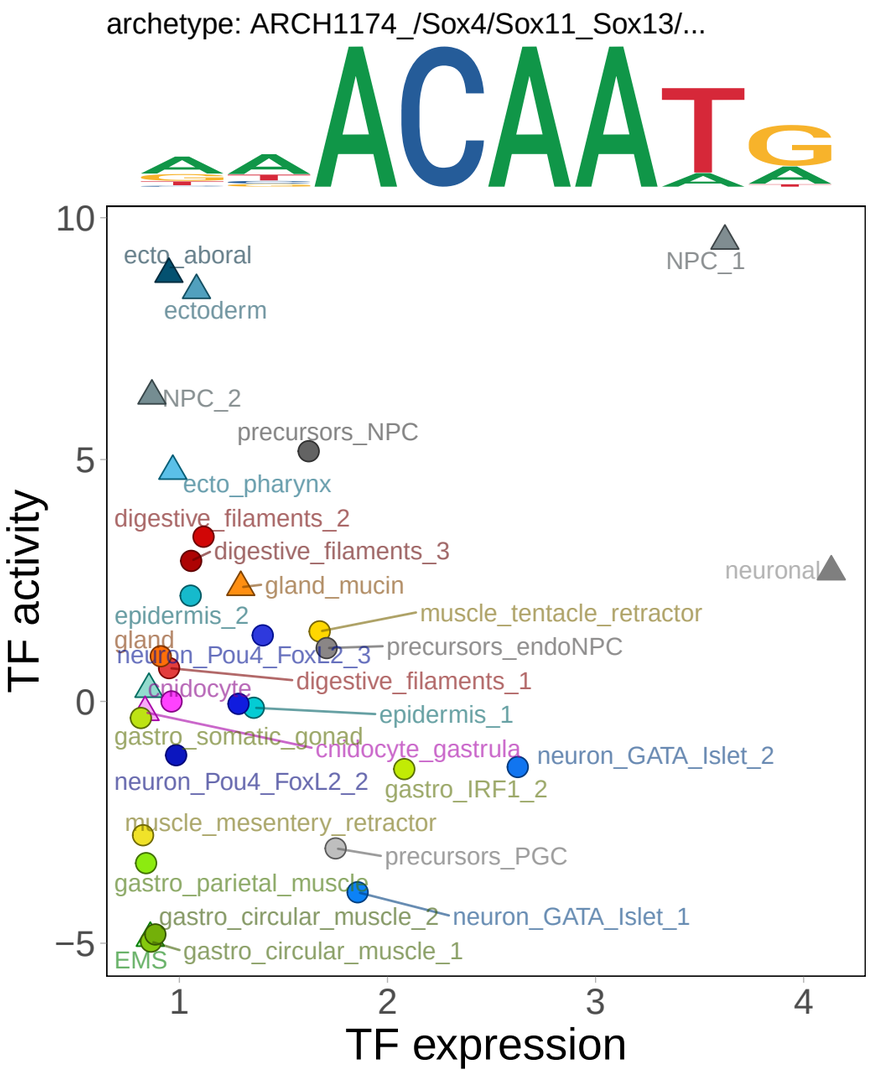


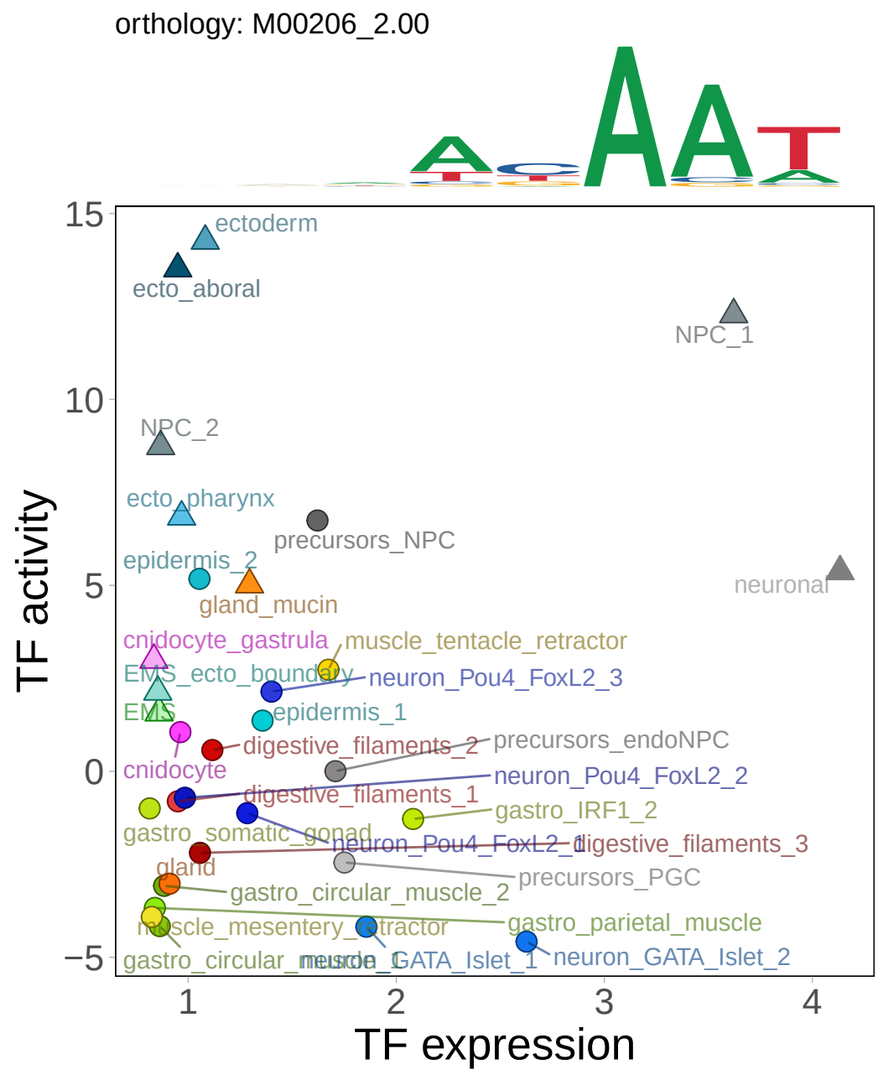


Nvec_vc1.1_XM_001632947.3 (NvSoxB1)
OG: HMGbox_Sox.HG1.35:SOX1/SOX2/SOX3/SOX14/SOX21
PFAM: HMG_box/SOXp

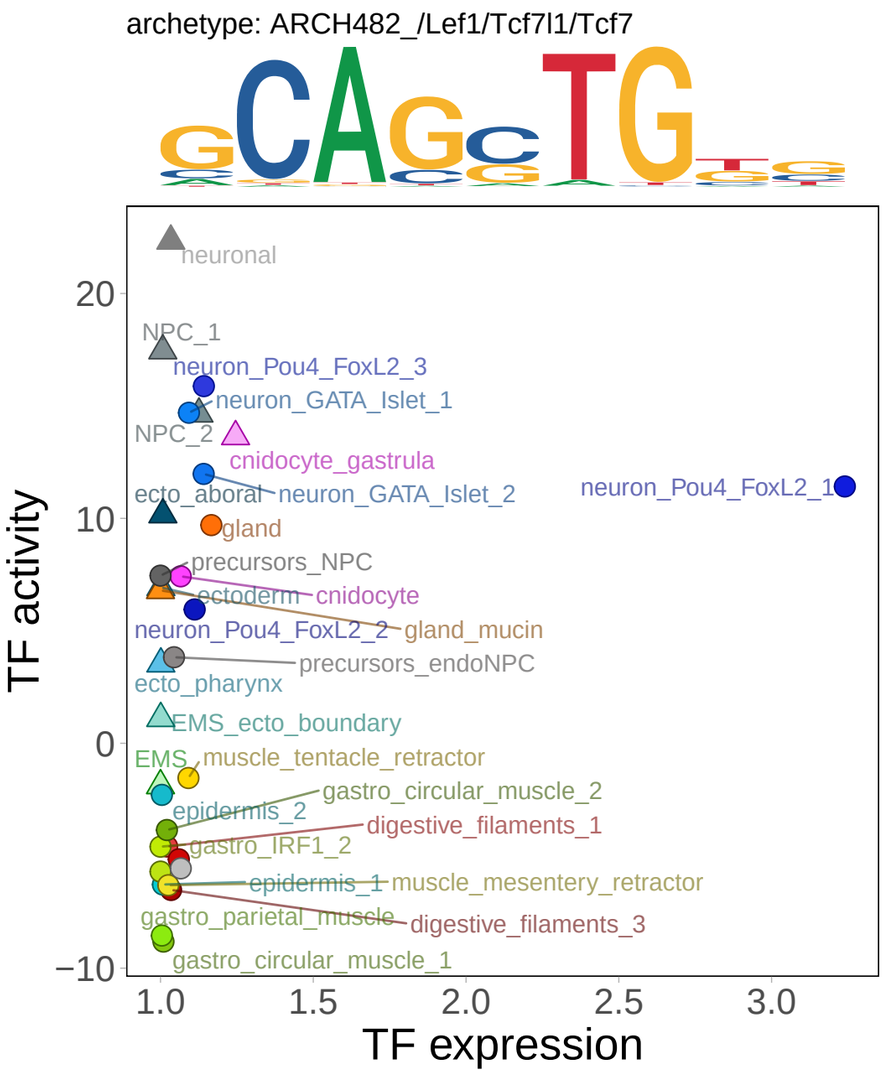


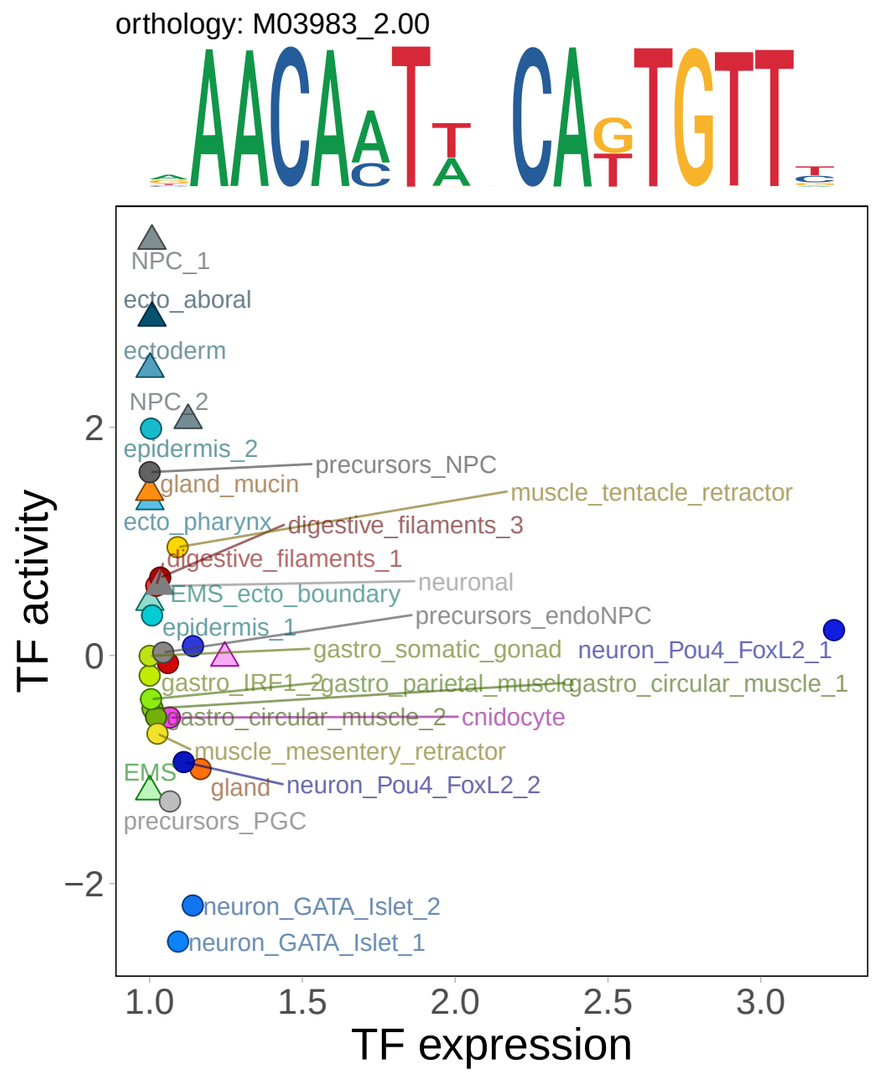
Nvec_vc1.1_XM_001632568.3 (NvSoxB2a)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box



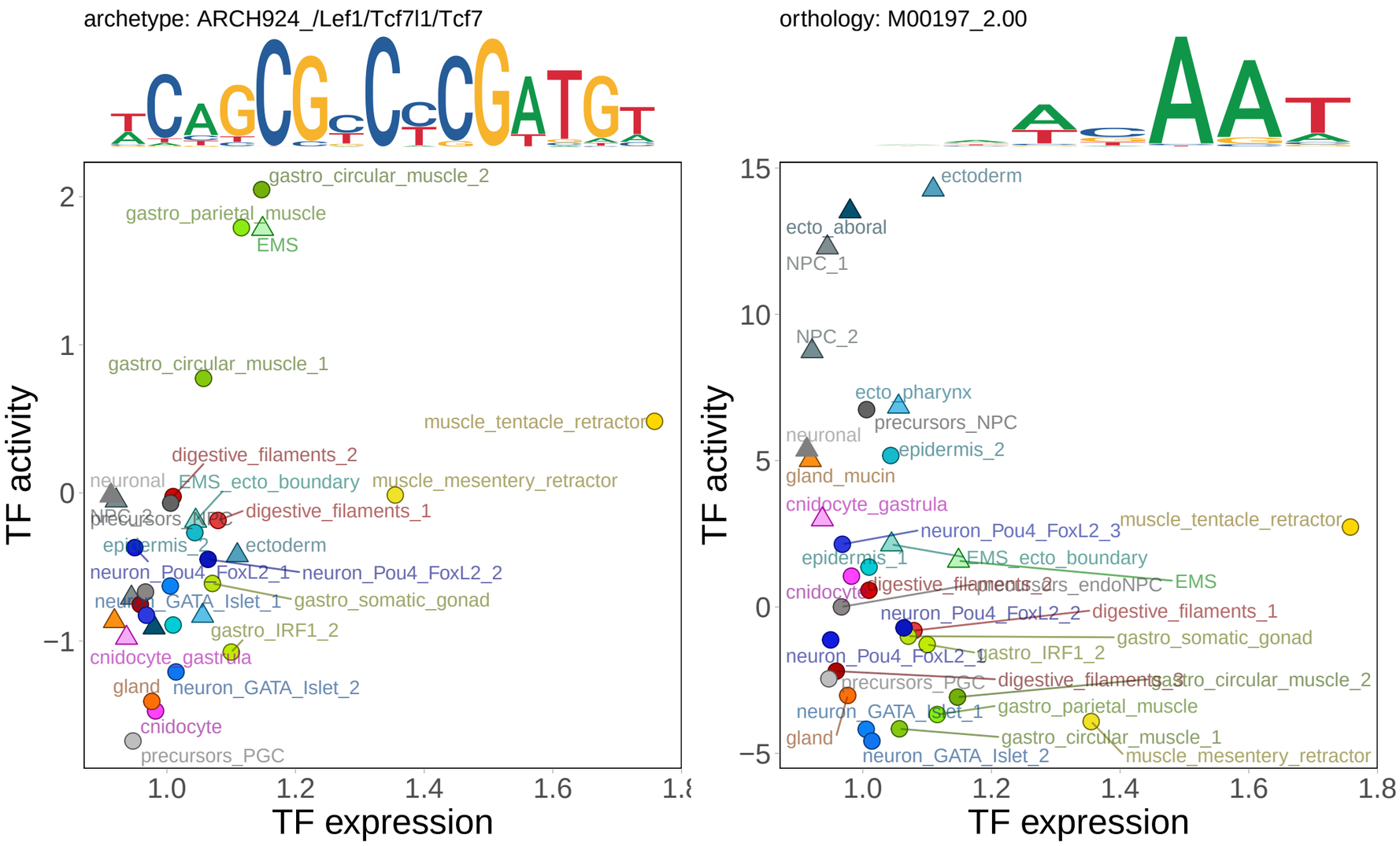


Nvec_vc1.1_XM_032380374.2 (NvSoxA)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box

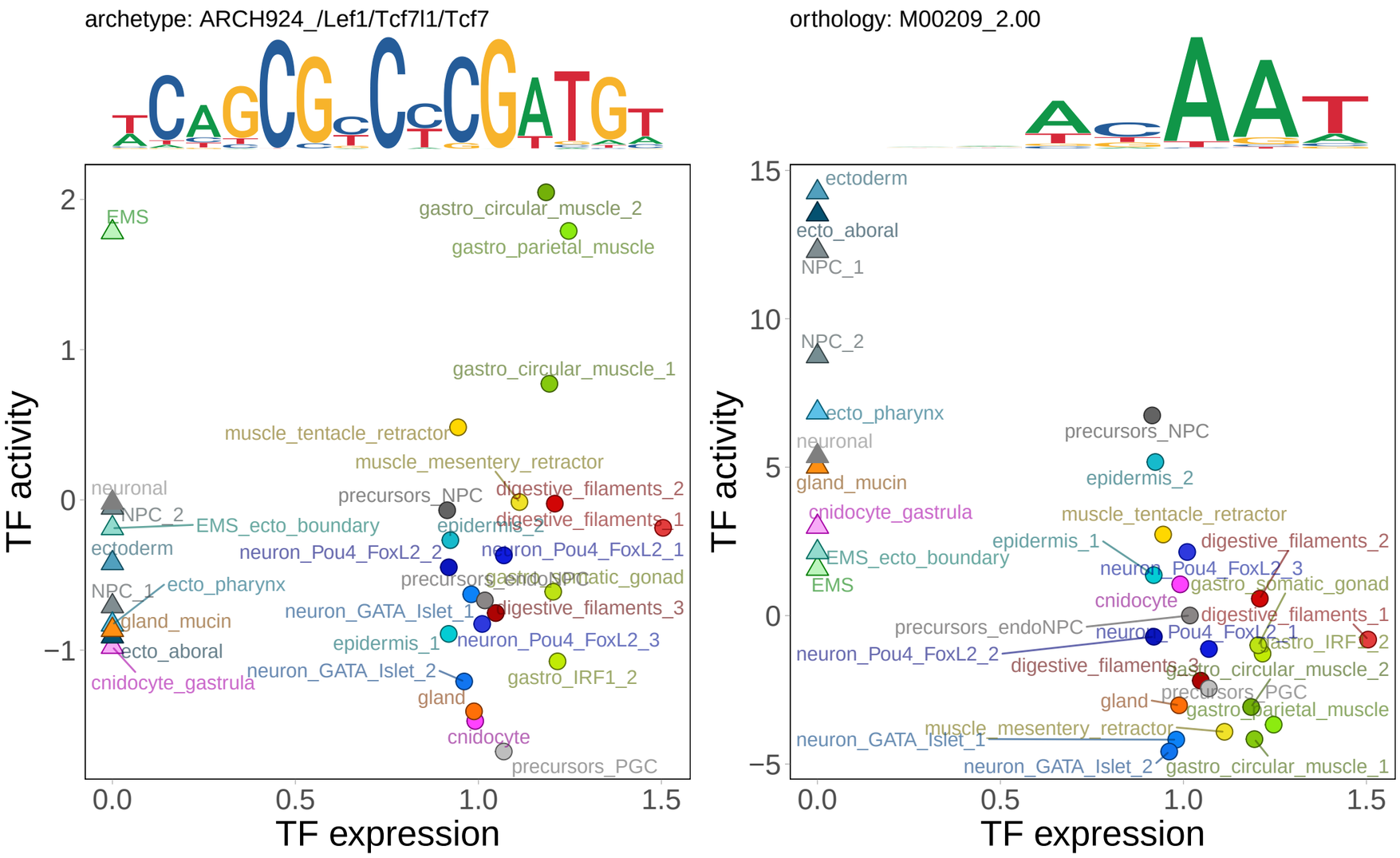




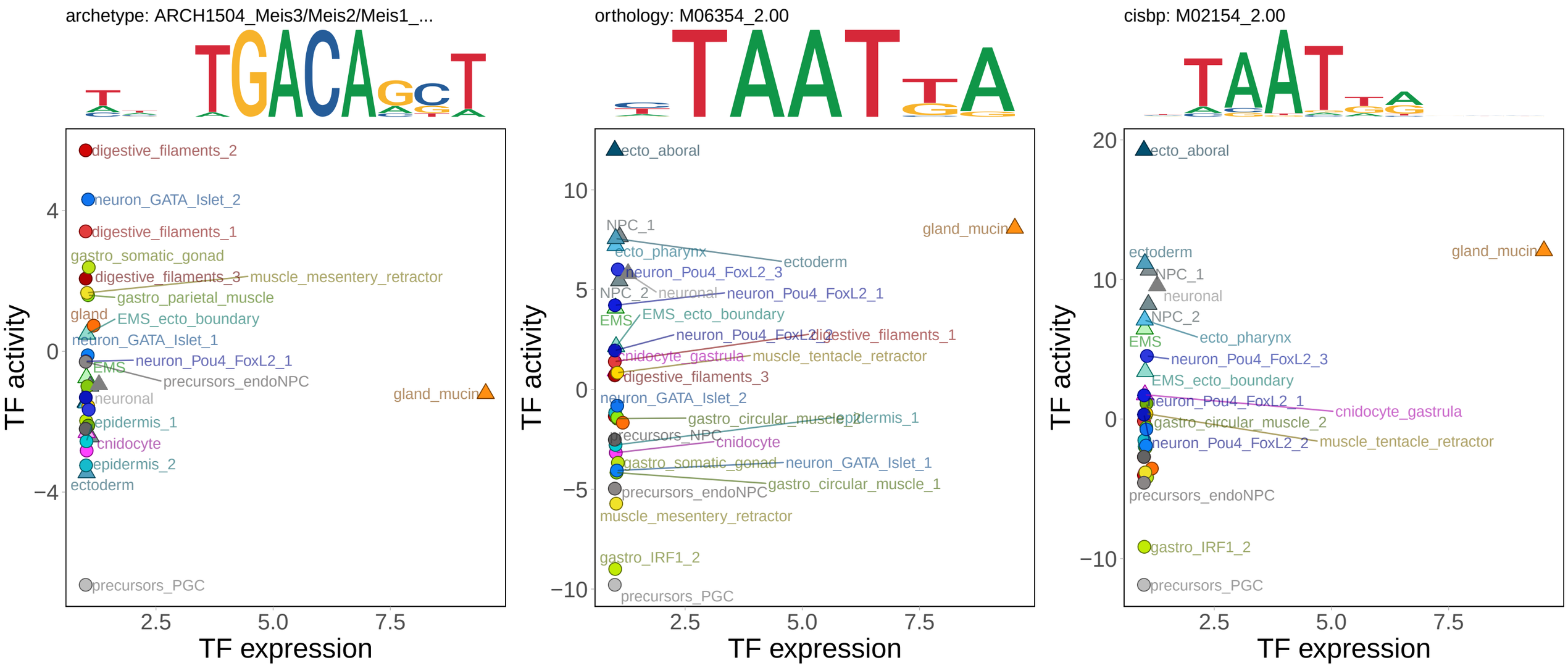
Nvec_vc1.1_XM_001629987.3 (NvSoxE1)
OG: HMGbox_Sox.HG1.42:SOX8/SOX9/SOX10
PFAM: Sox_N/HMG_box



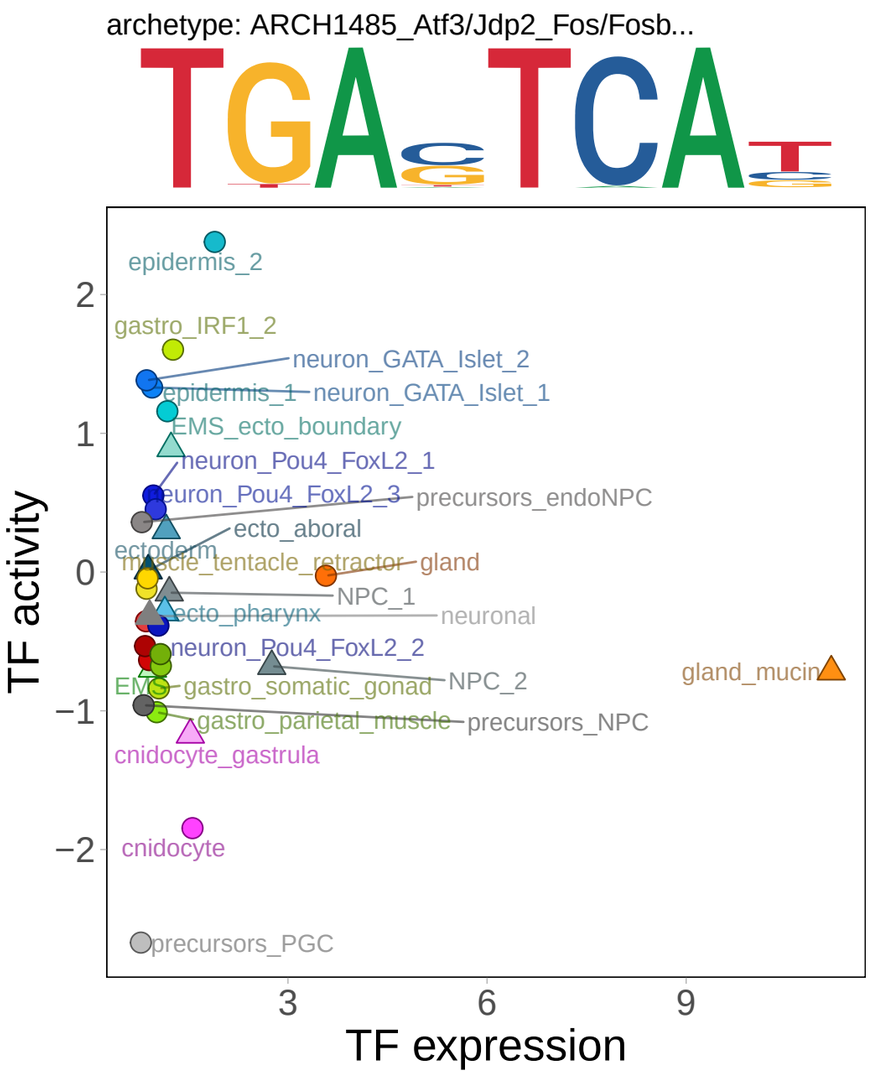
Nvec_vc1.1_XM_001636155.3 (NvSoxF1)
OG: HMGbox_Sox.HG1.16:like:PINX1/SOX7/SOX17/SOX18
PFAM: HMG_box

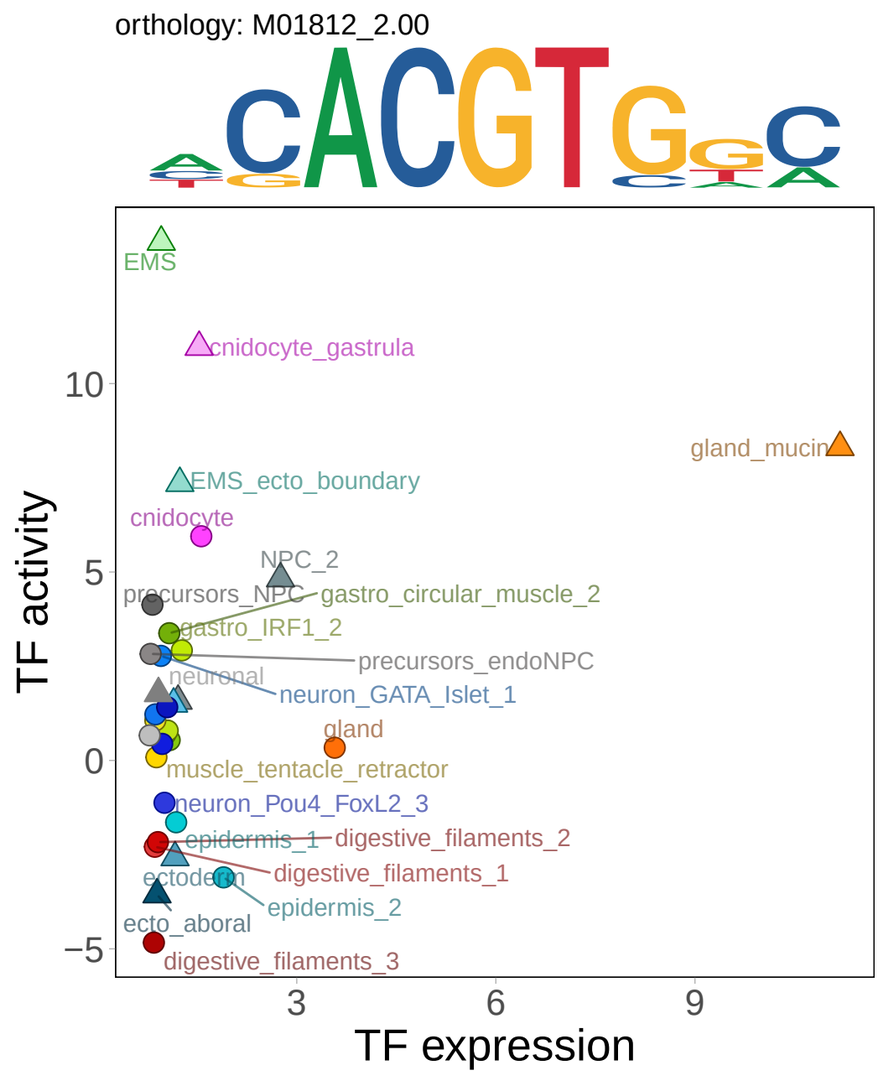


Nvec_vc1.1_XM_032364773.2 (NOTO)
OG: Homeodomains.HG1.59:like:NOTO
PFAM: Homeodomain



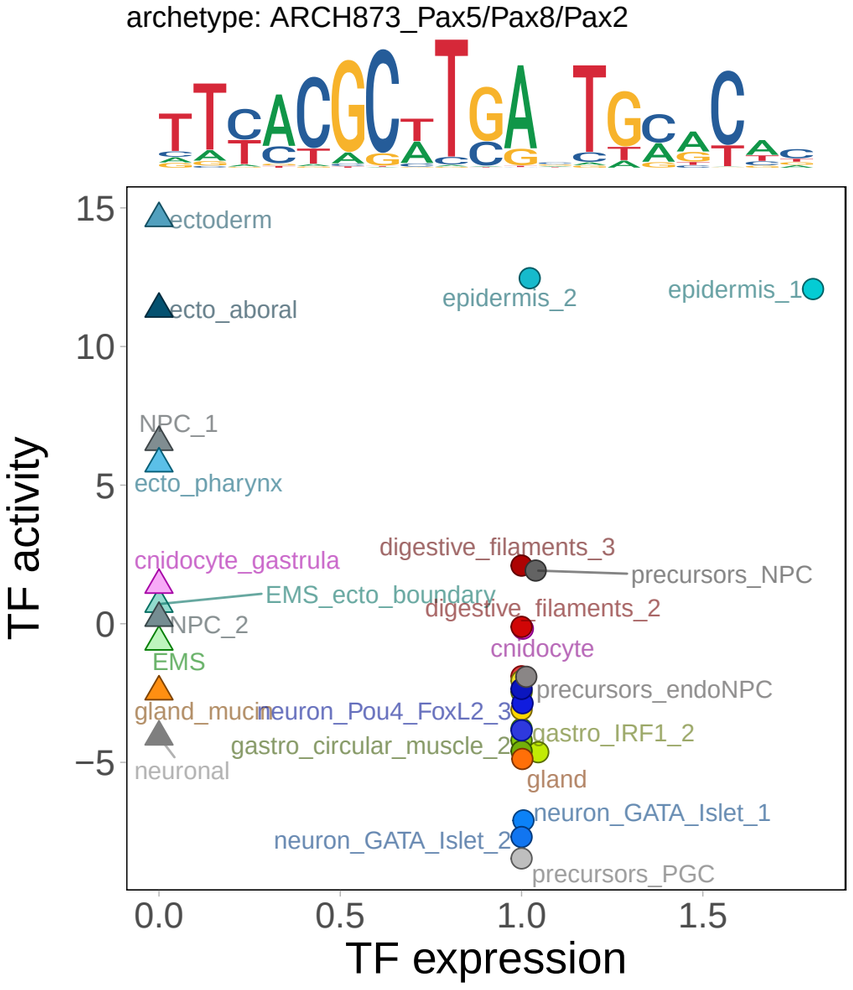
Nvec_vc1.1_XM_032378881.2 (CREB3)
OG: bZIP.HG1.15:CREB3/CREB3L1/CREB3L2/CREB3L3/CREB3L4
PFAM: bZIP_1



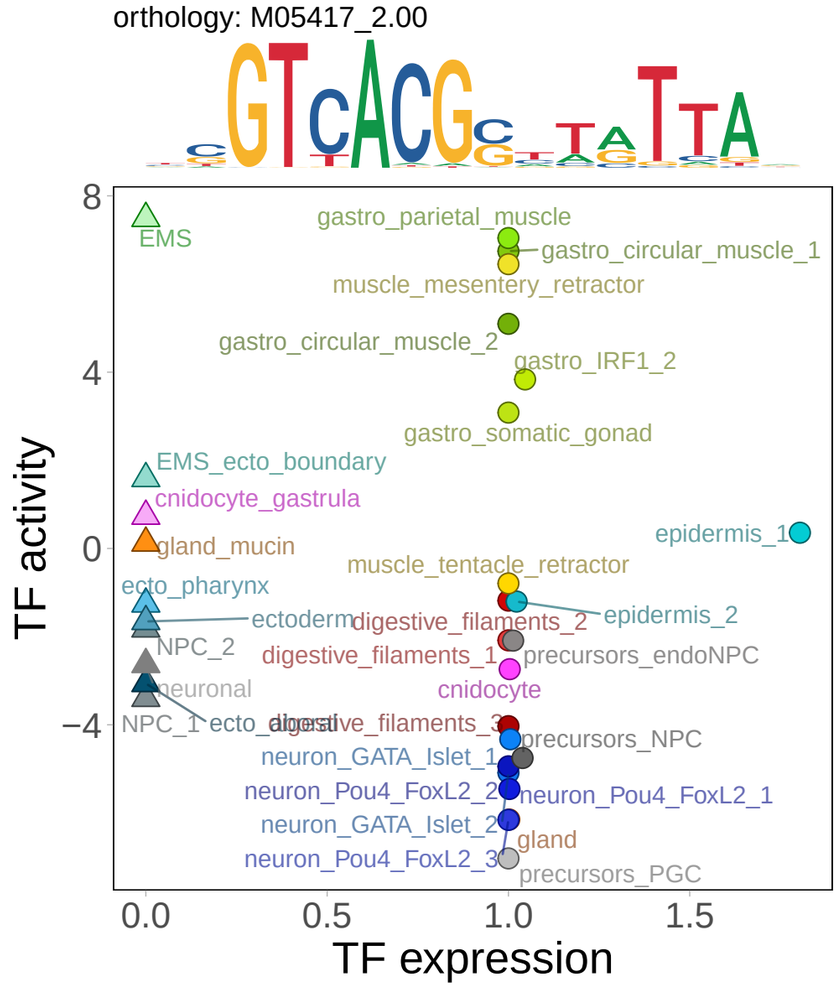


Nvec_vc1.1_XM_001628635.3 (PAX3/7)
OG: Homeodomains.HG2.28:PAX3/PAX7
PFAM: PAX/Homeodomain

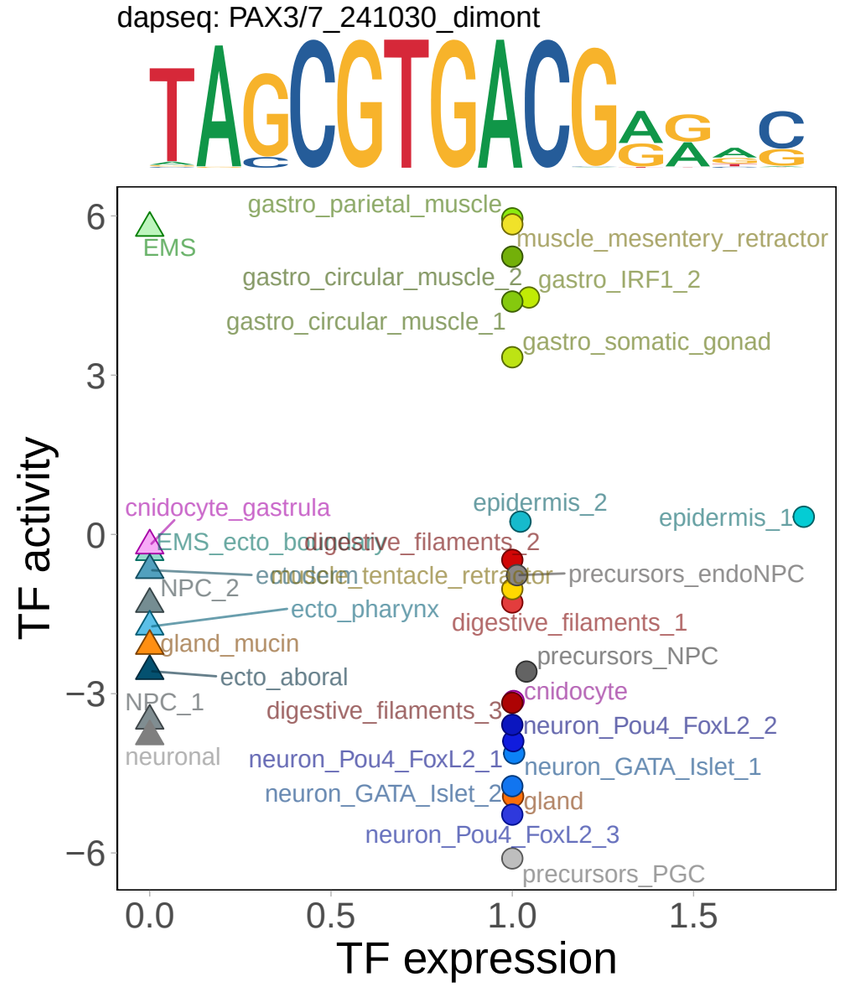
archetype: ARCH873_Pax5/Pax8/Pax2



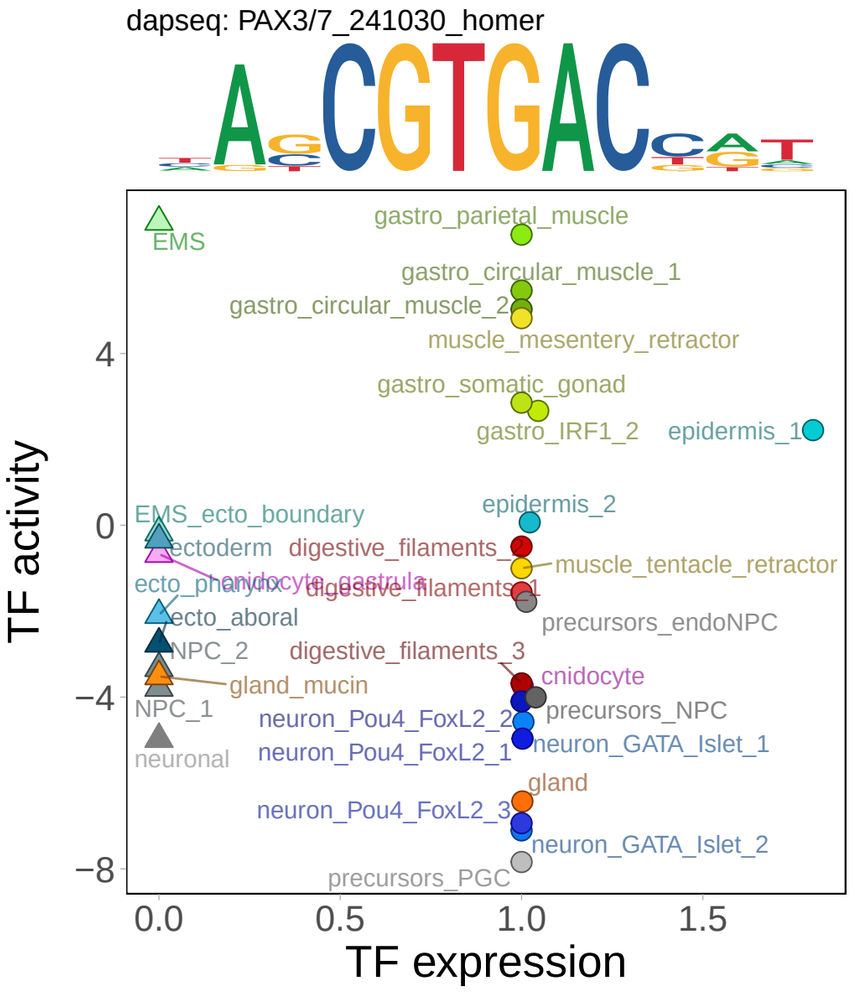
orthology: M05417_2.00



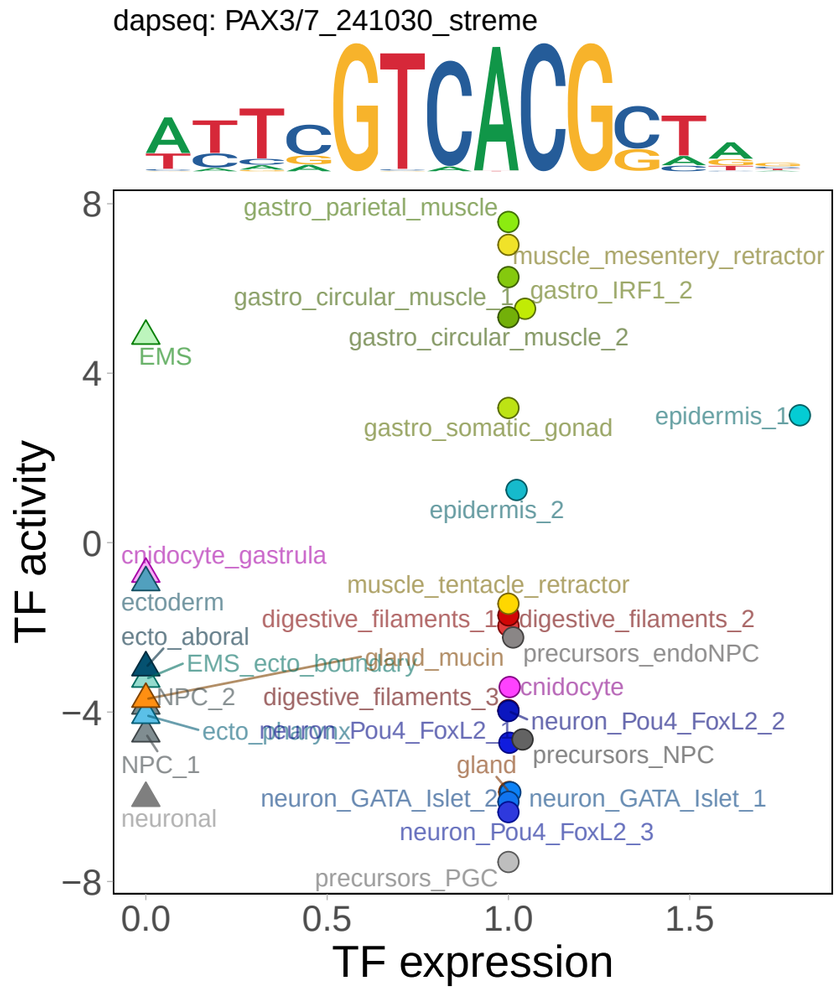
dapseq: PAX3/7_241030_dimont



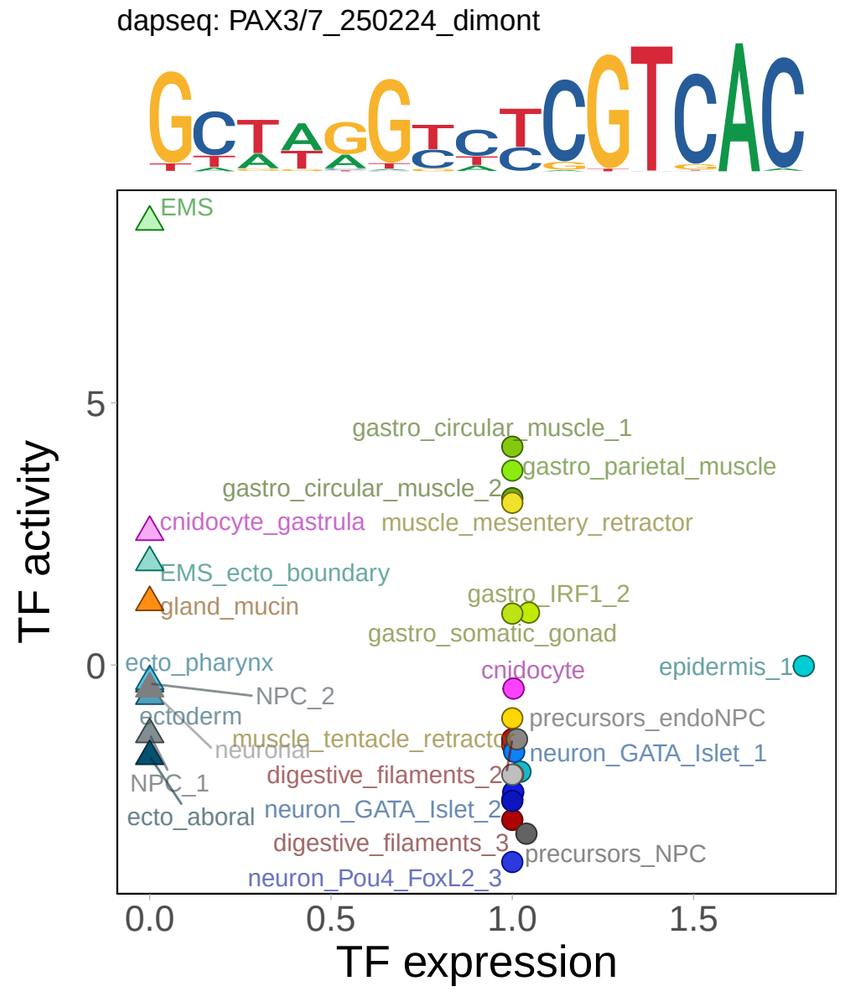
dapseq: PAX3/7_241030_homer



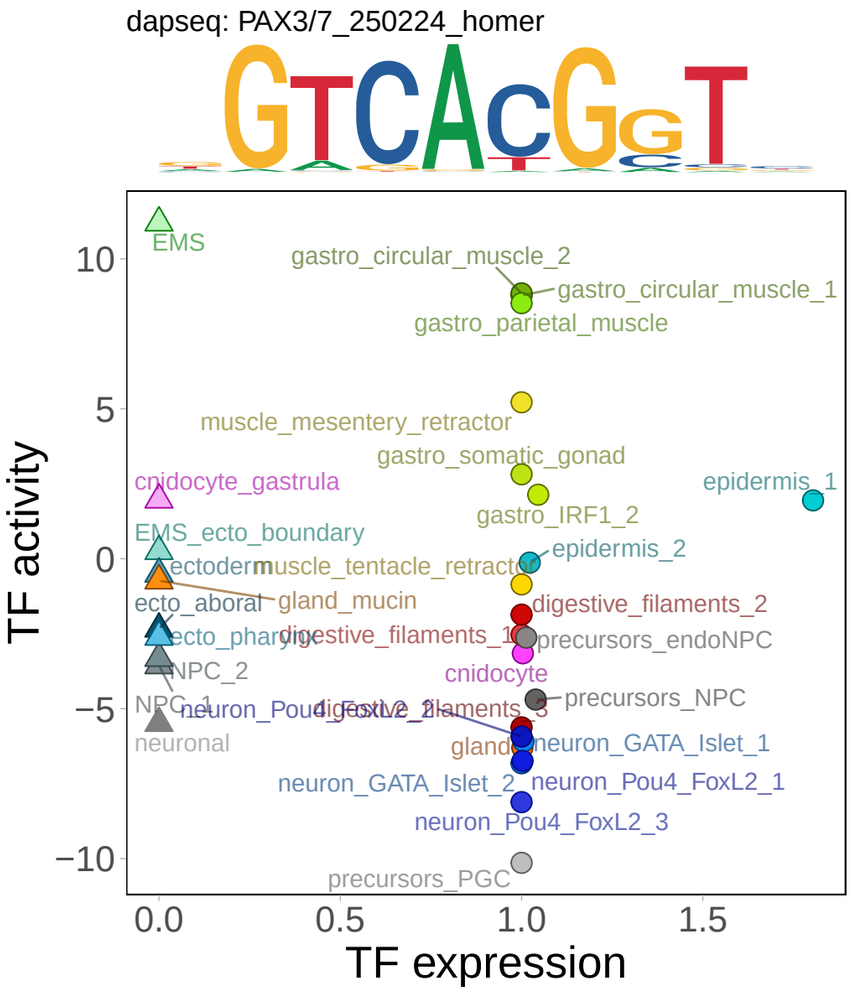
dapseq: PAX3/7_241030_streme



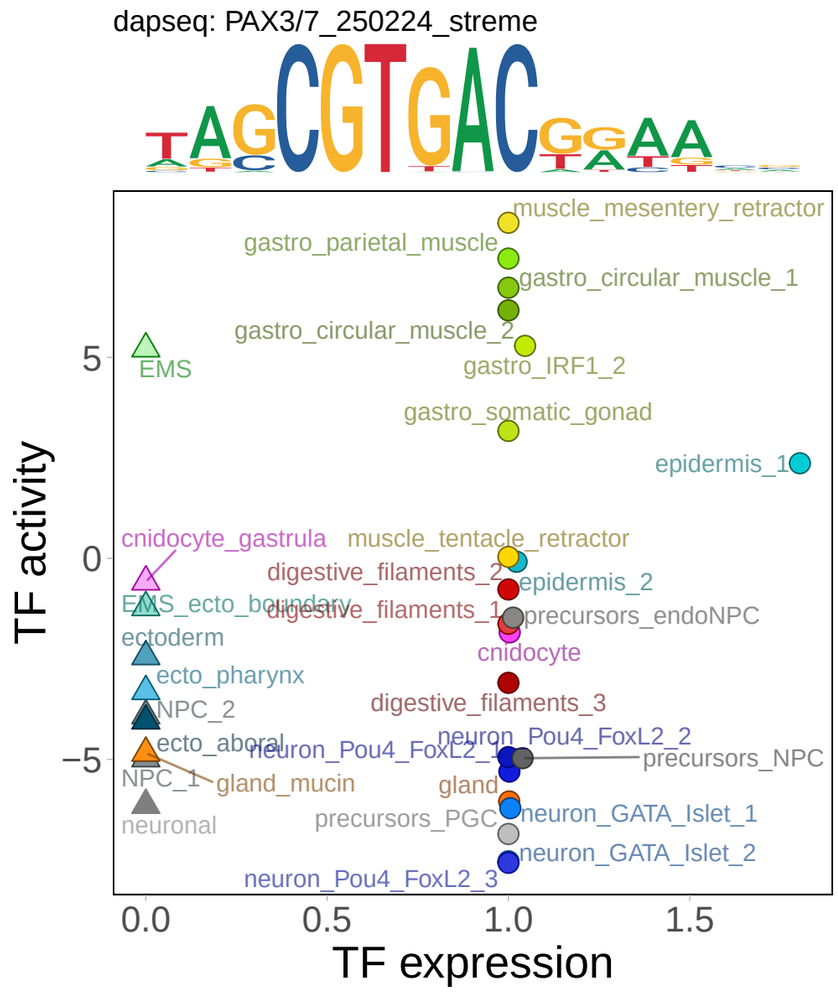
dapseq: PAX3/7_250224_dimont



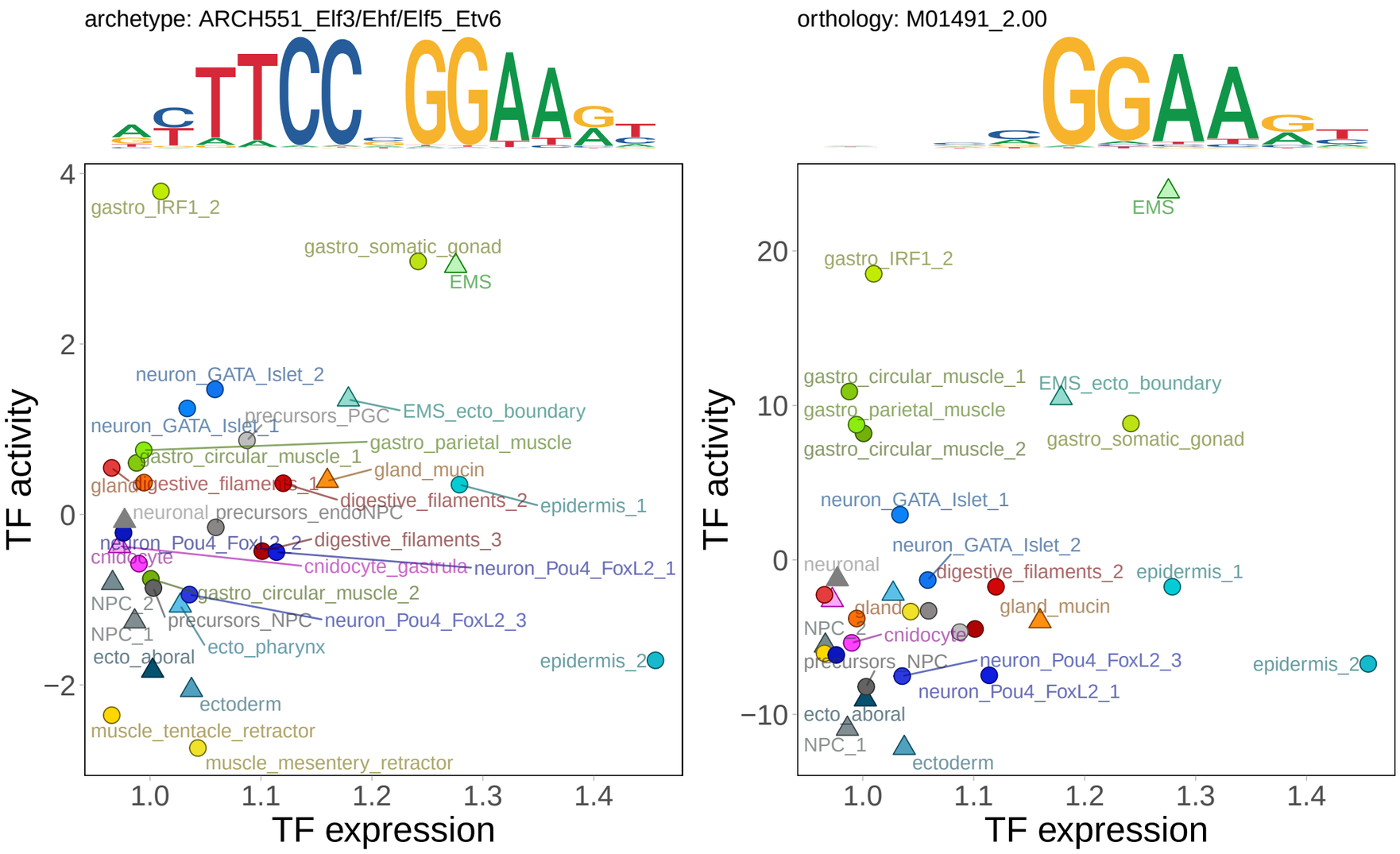
dapseq: PAX3/7_250224_homer



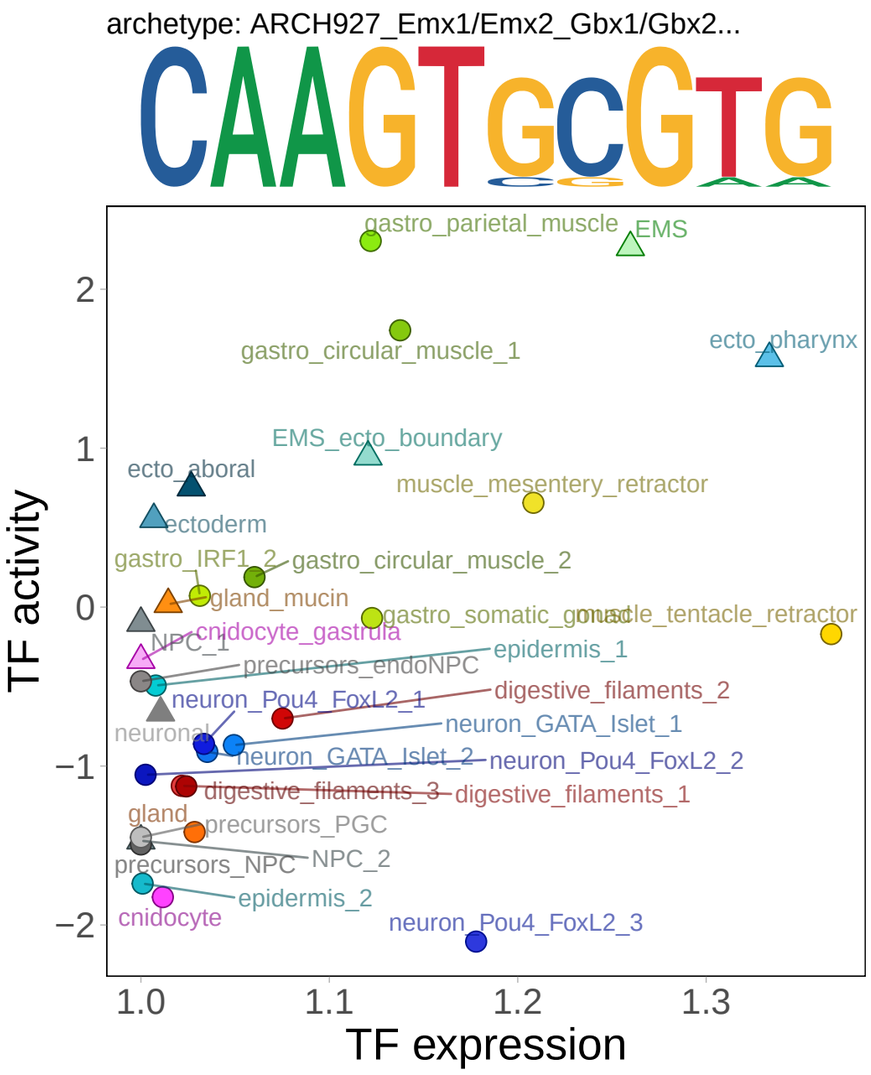
dapseq: PAX3/7_250224_streme

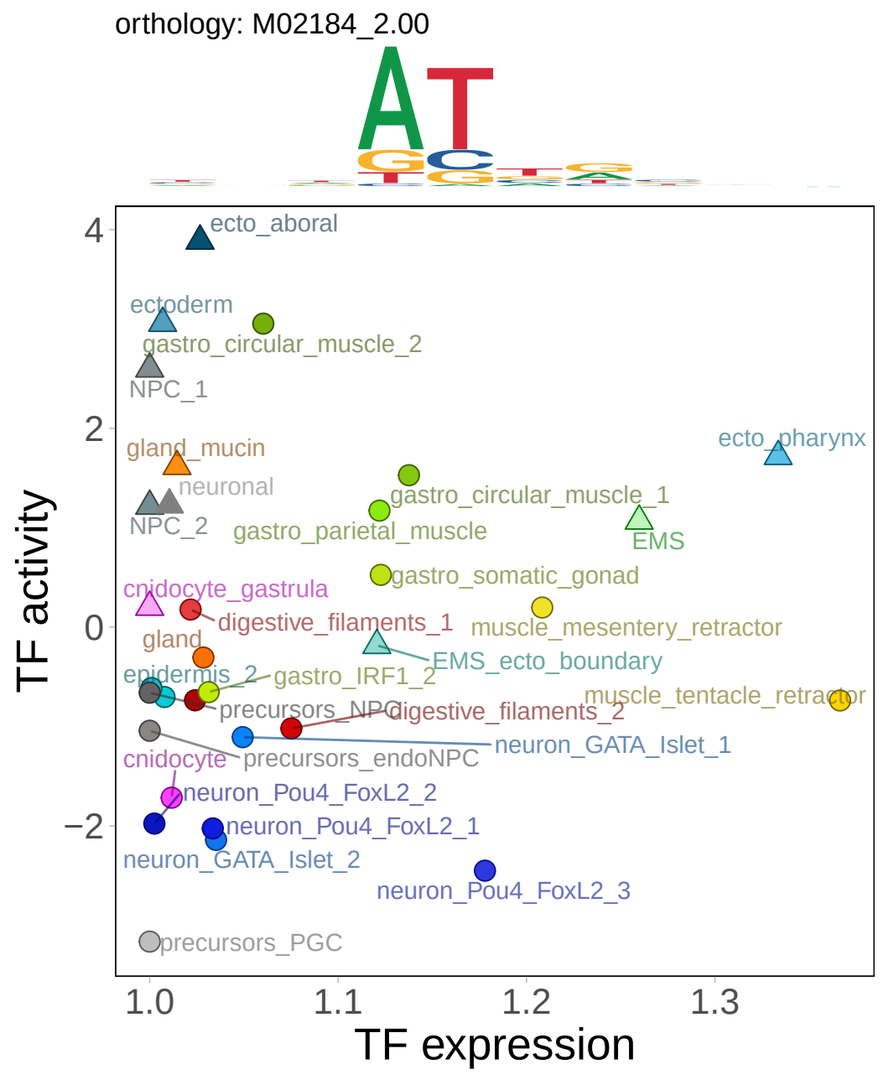


Nvec_vc1.1_XM_032384221.2 (ETV6/7)
OG: Ets.HG1.13:ETV6/ETV7
PFAM: Ets

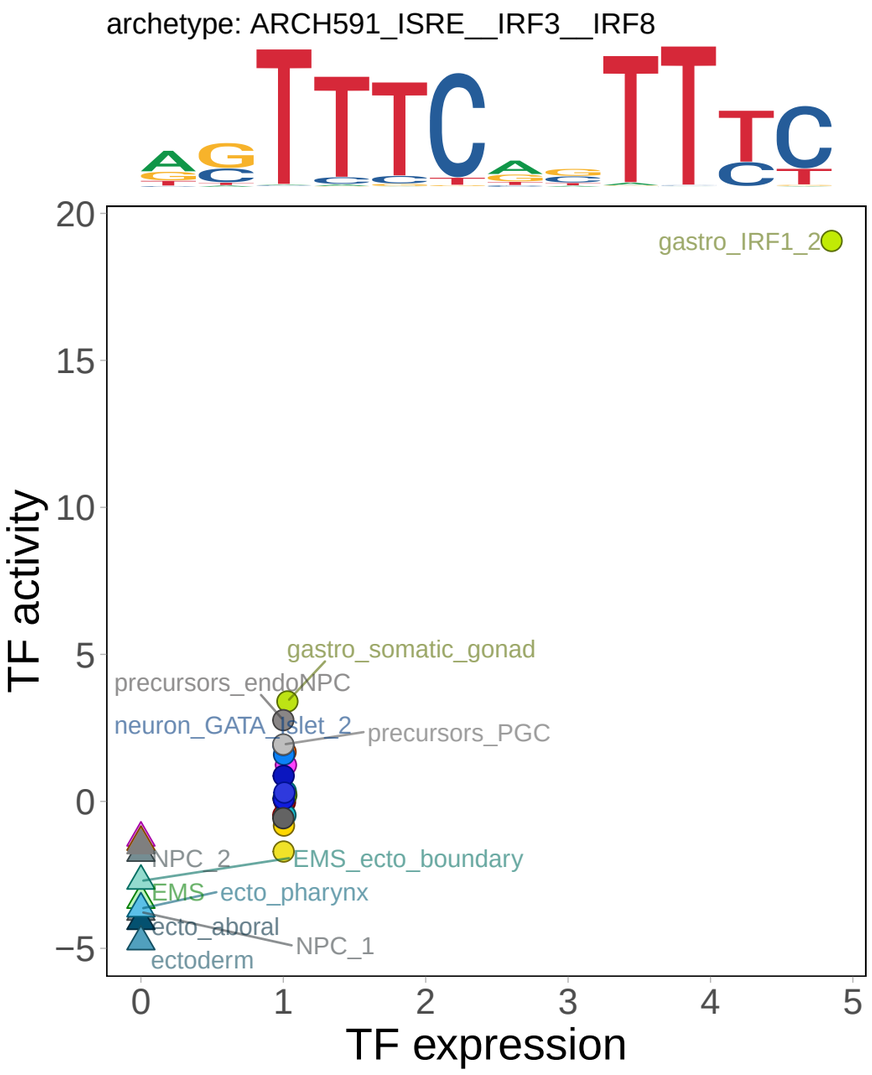


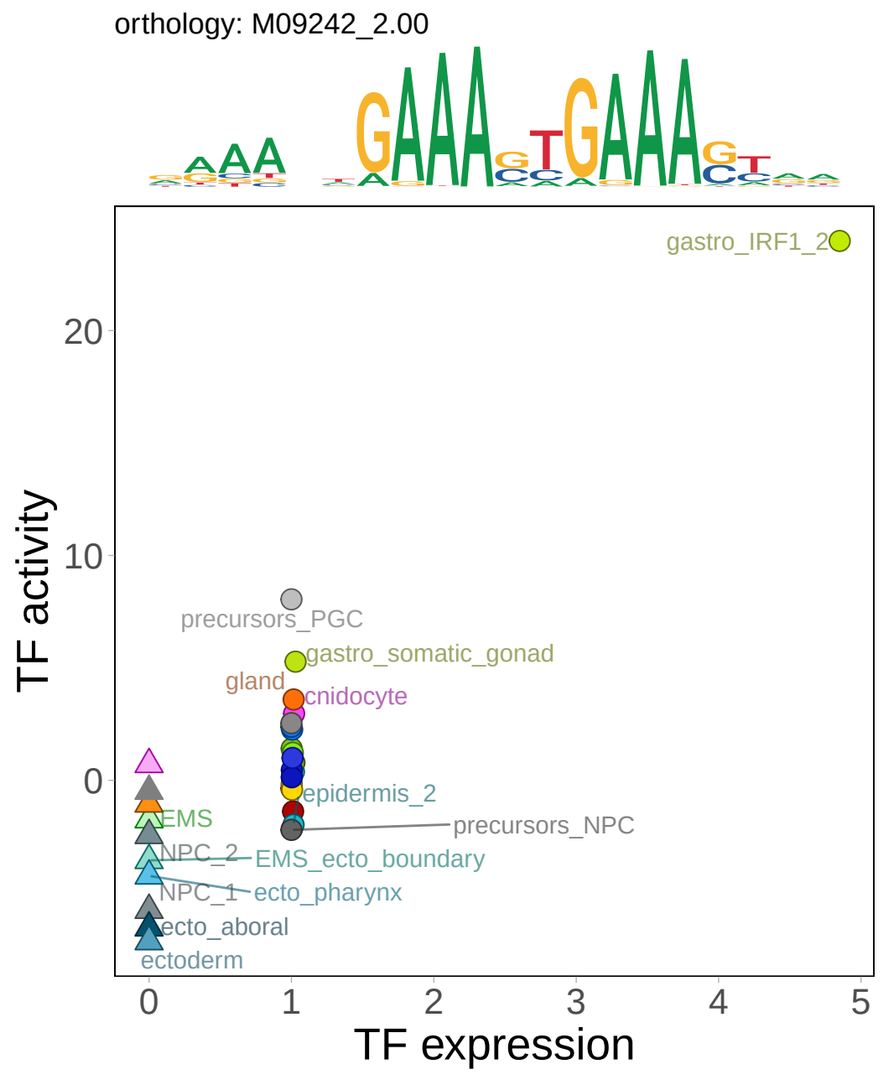
Nvec_vc1.1_XM_032364784.2 (Hhex)
OG: Homeodomains.HG1.28:HHEX
PFAM: Homeodomain



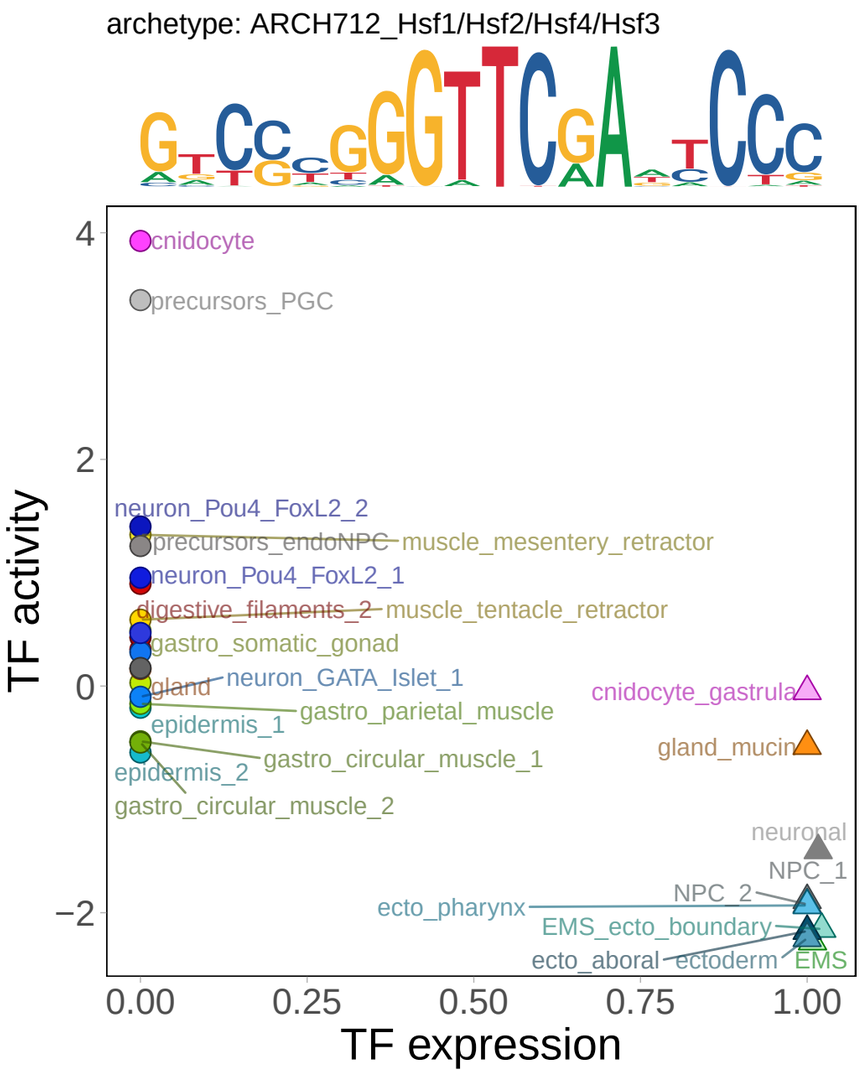


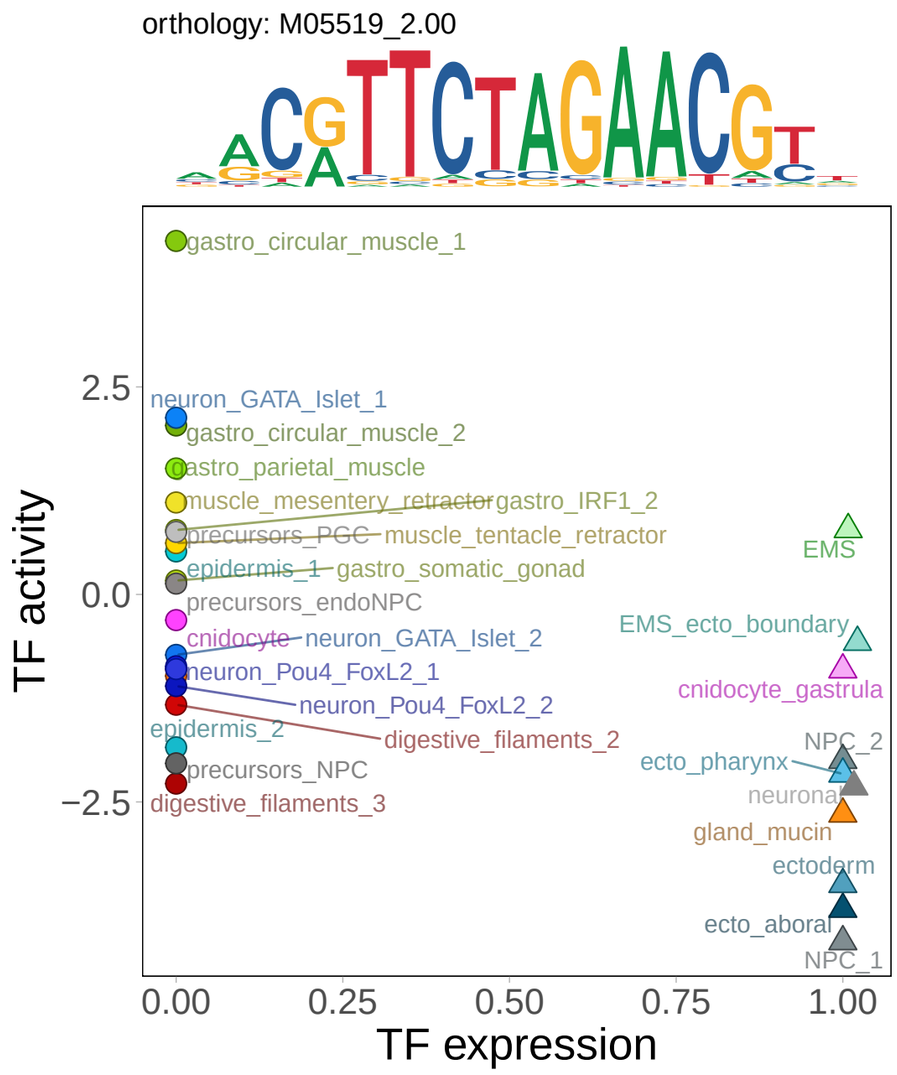
Nvec_vc1.1_XM_001622271.3 (IRF1−2c)
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9
PFAM: IRF



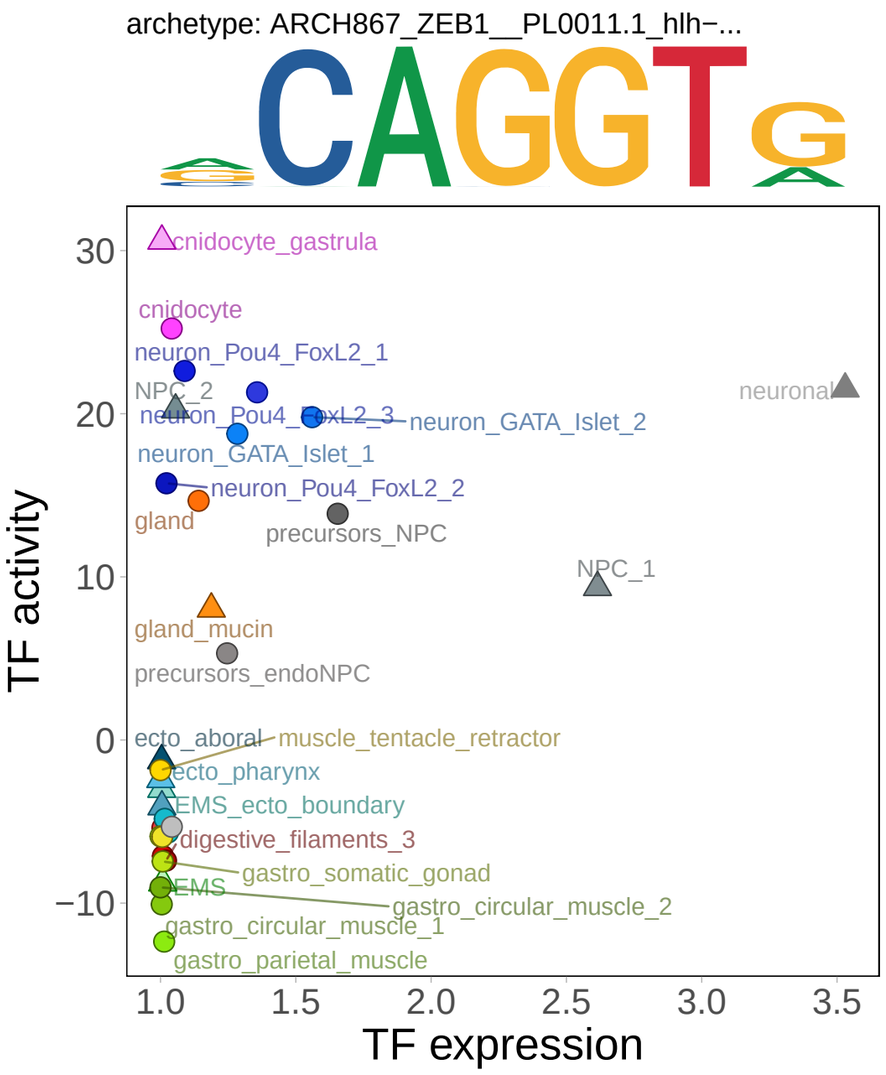


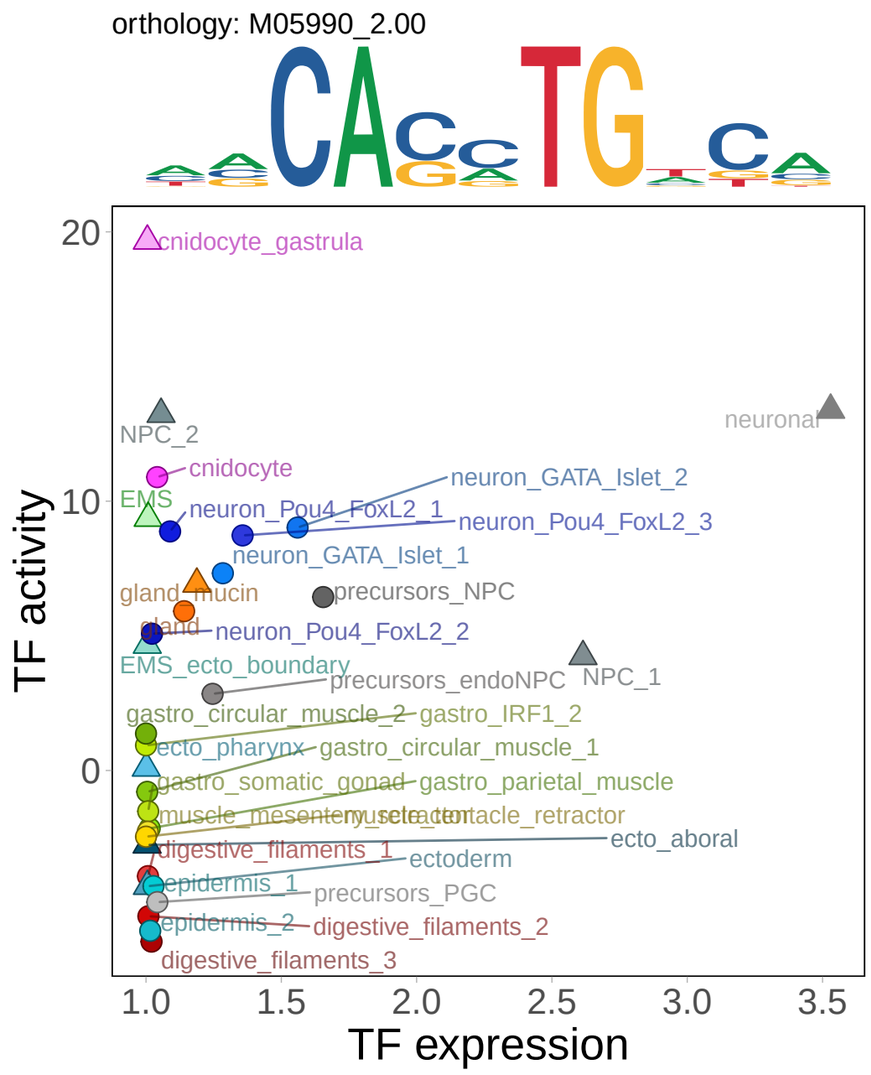
Nvec_vc1.1_XM_001633014.3 (HSF−like)
OG: HSF.HG1.4:like:HSF1/HSF2/HSF4
PFAM: HSF_DNA−bind





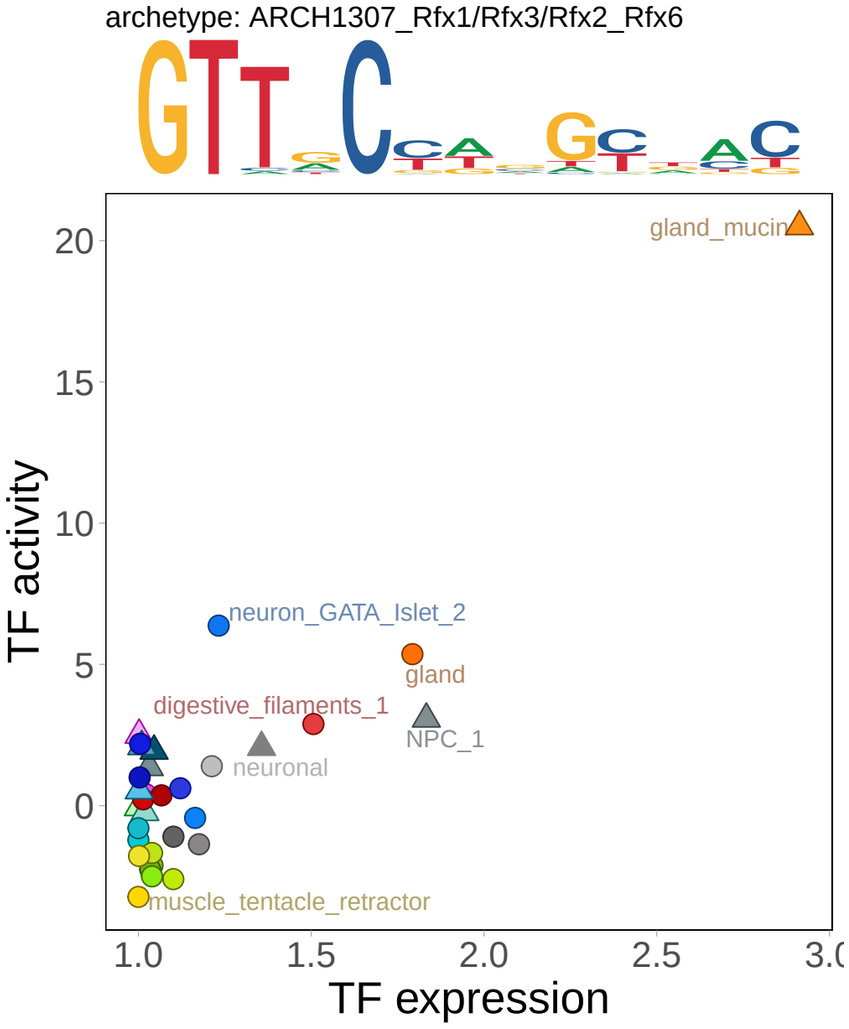
Nvec_vc1.1_XM_032385496.2 (PTF1a)
OG: HLH.HG1.91:like:FERD3L/PTF1A
PFAM: HLH



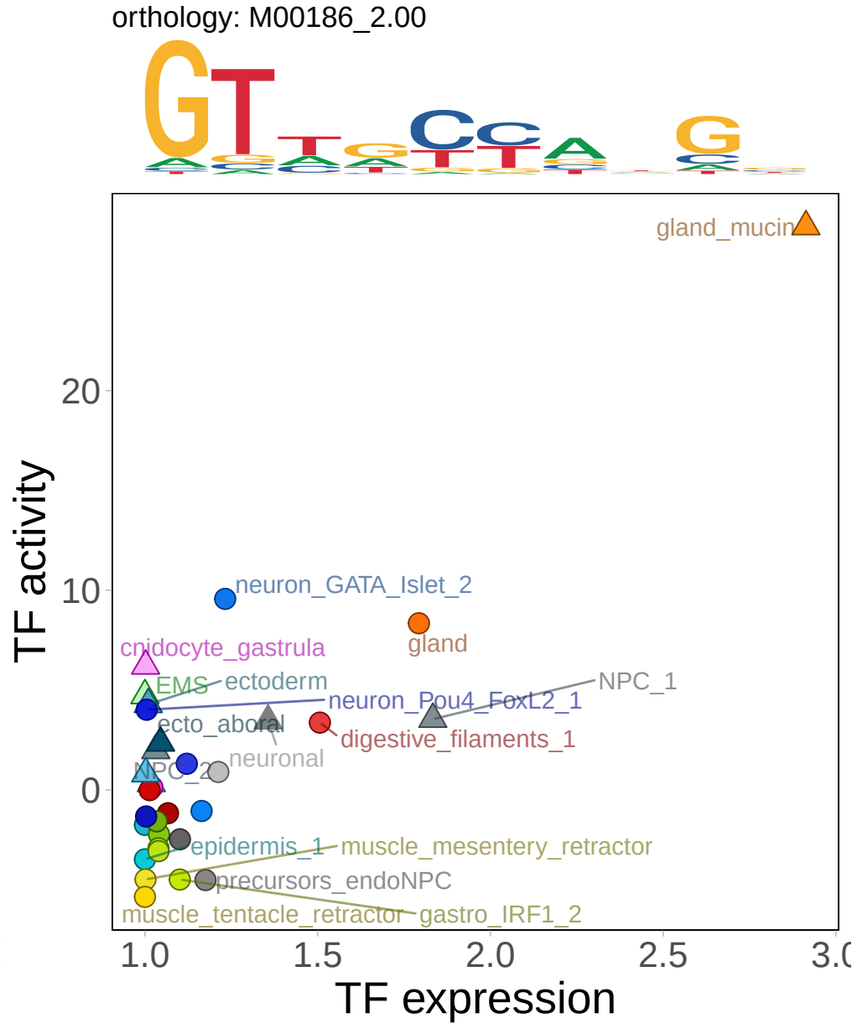


Nvec_vc1.1_XM_032375228.2 (Rfx4)
OG: RFX.HG1.3:like:RFX4/RFX6/RFX8
PFAM: RFX_DNA_binding

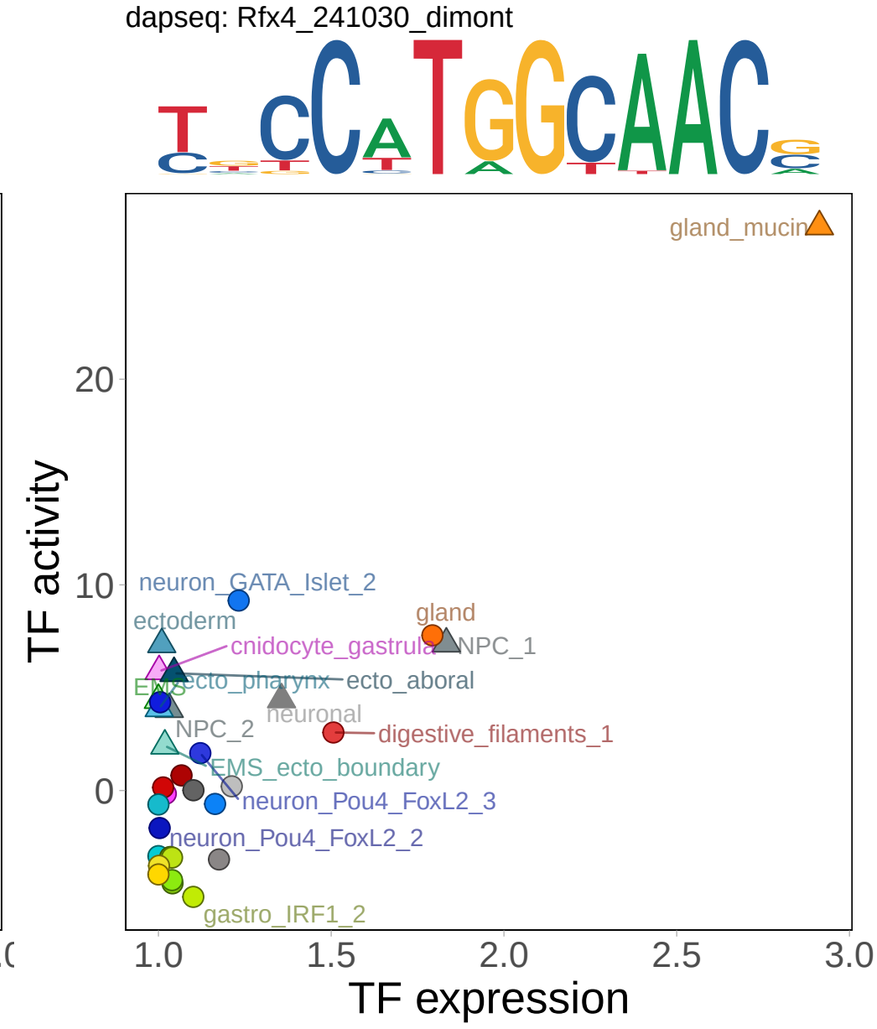
archetype: ARCH1307_Rfx1/Rfx3/Rfx2_Rfx6



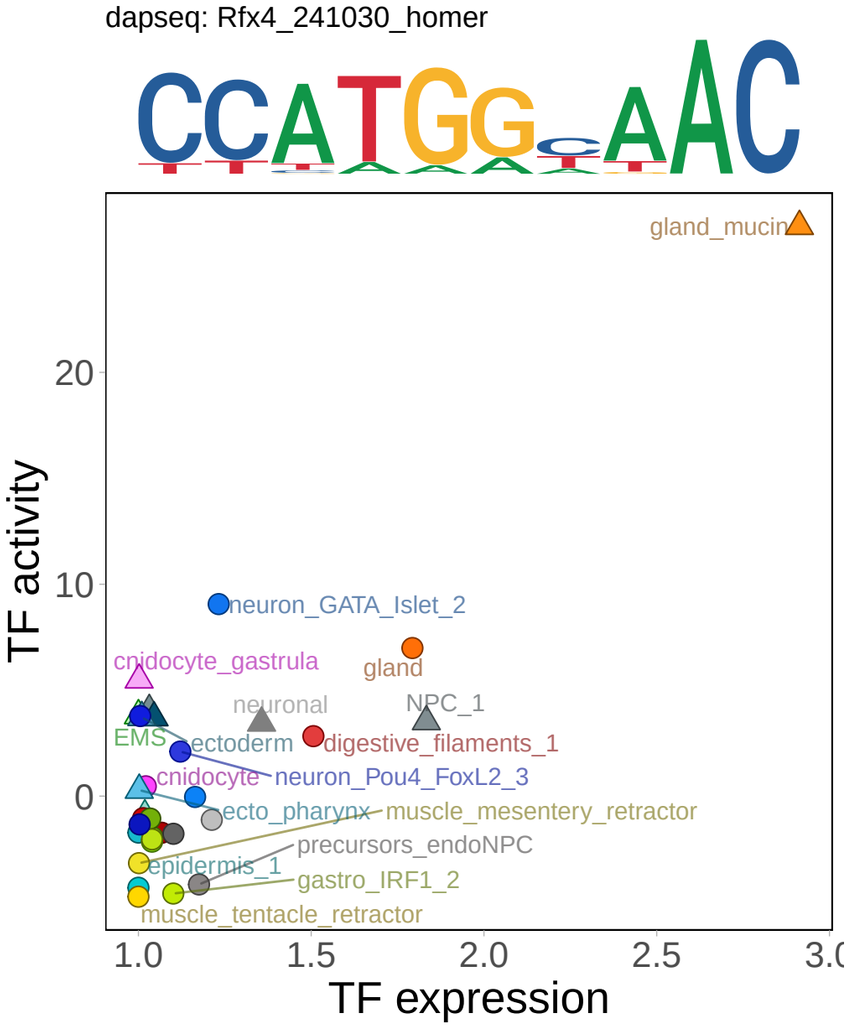
orthology: M00186_2.00



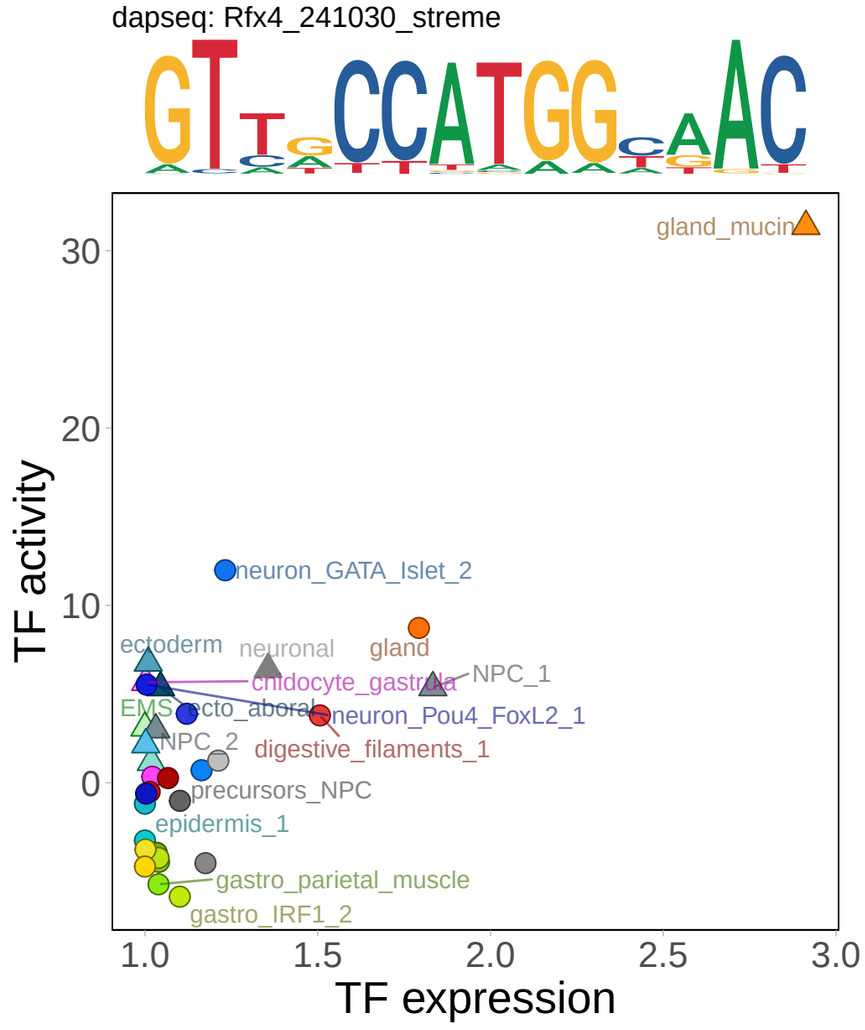
dapseq: Rfx4_241030_dimont



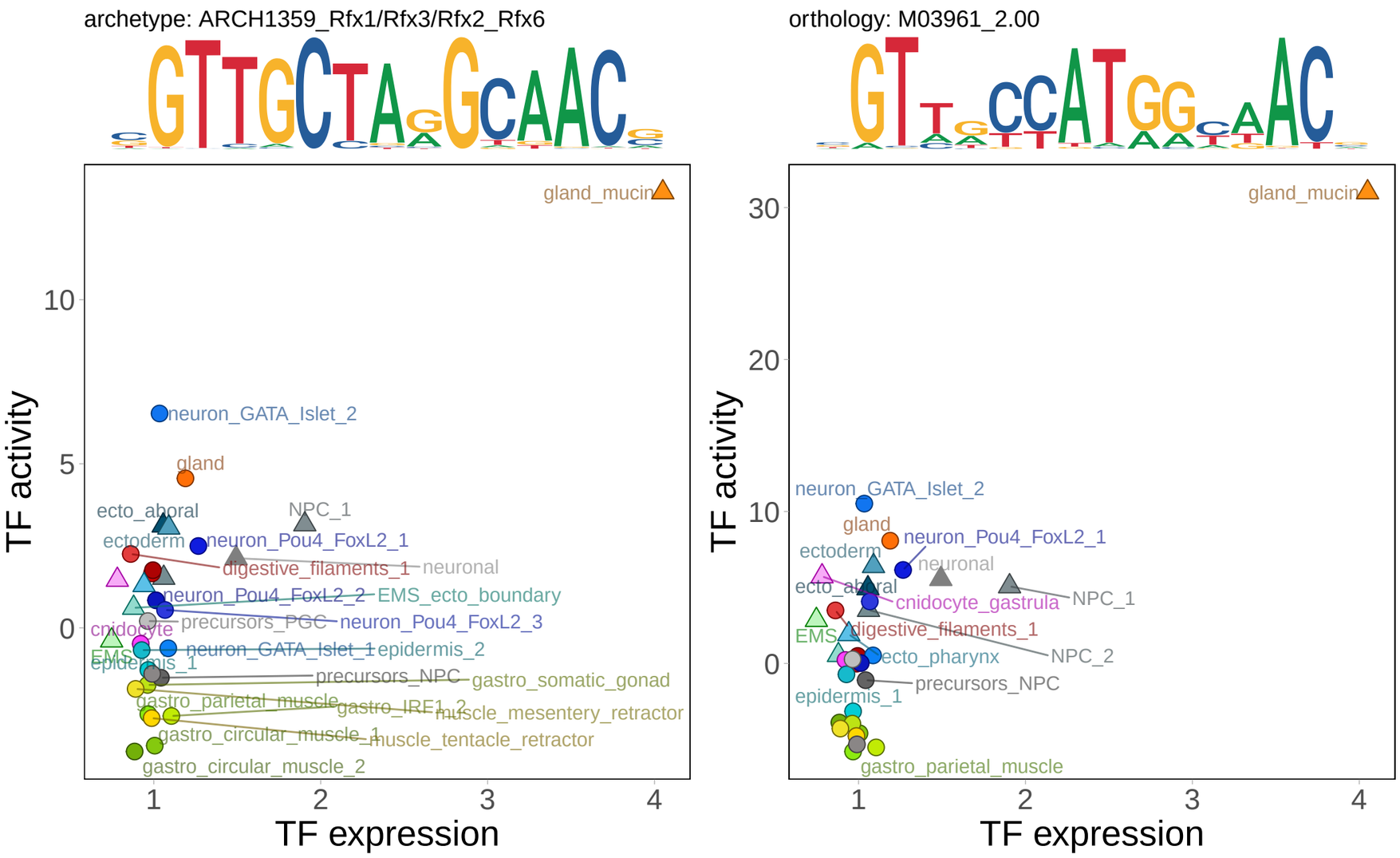
dapseq: Rfx4_241030_homer



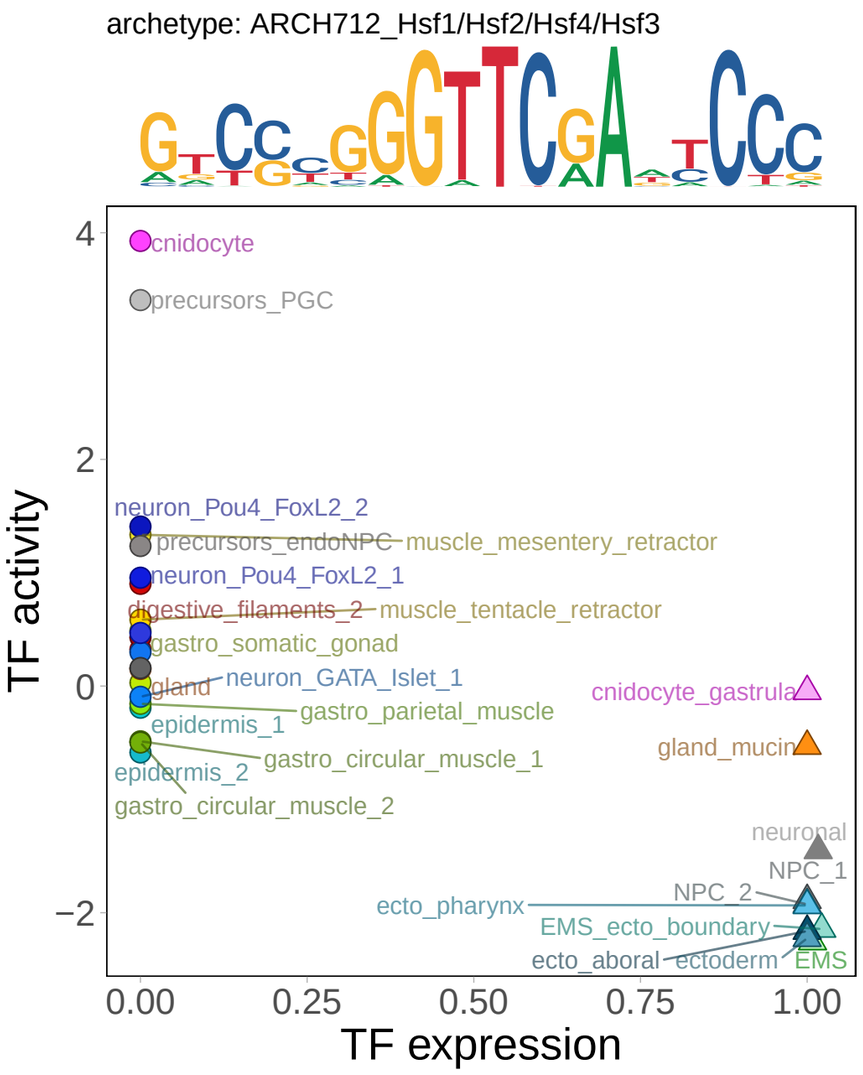
dapseq: Rfx4_241030_streme

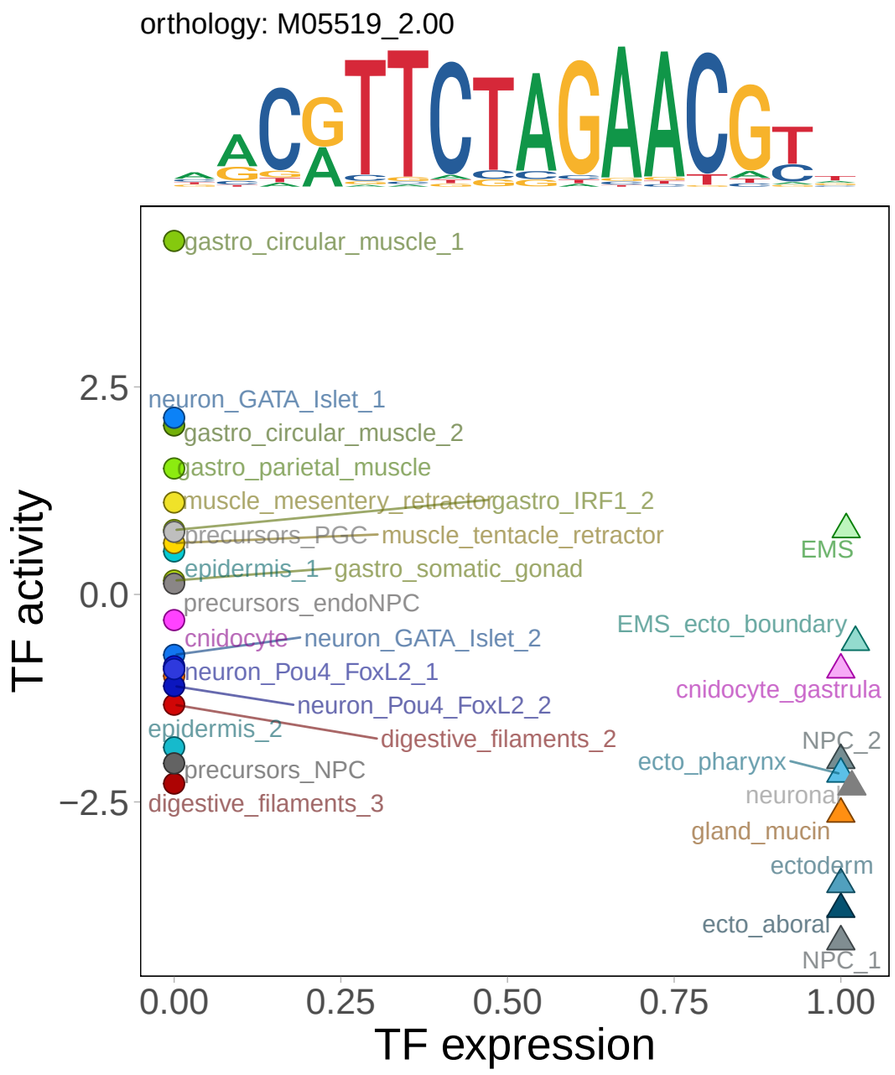


Nvec_vc1.1_XM_032385647.2 (RFX1/2/3)
OG: RFX.HG1.2:RFX1/RFX2/RFX3
PFAM: RFX_DNA_binding



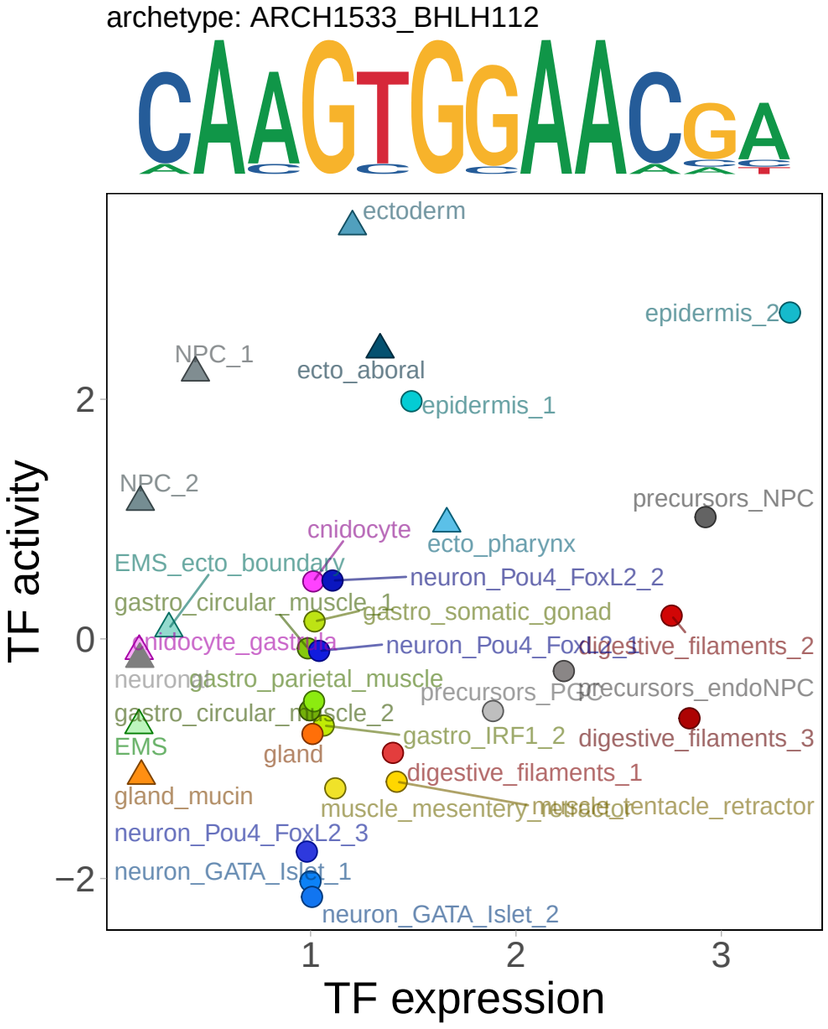
Nvec_vc1.1_XM_001633014.3 (HSF−like)
OG: HSF.HG1.4:like:HSF1/HSF2/HSF4
PFAM: HSF_DNA−bind



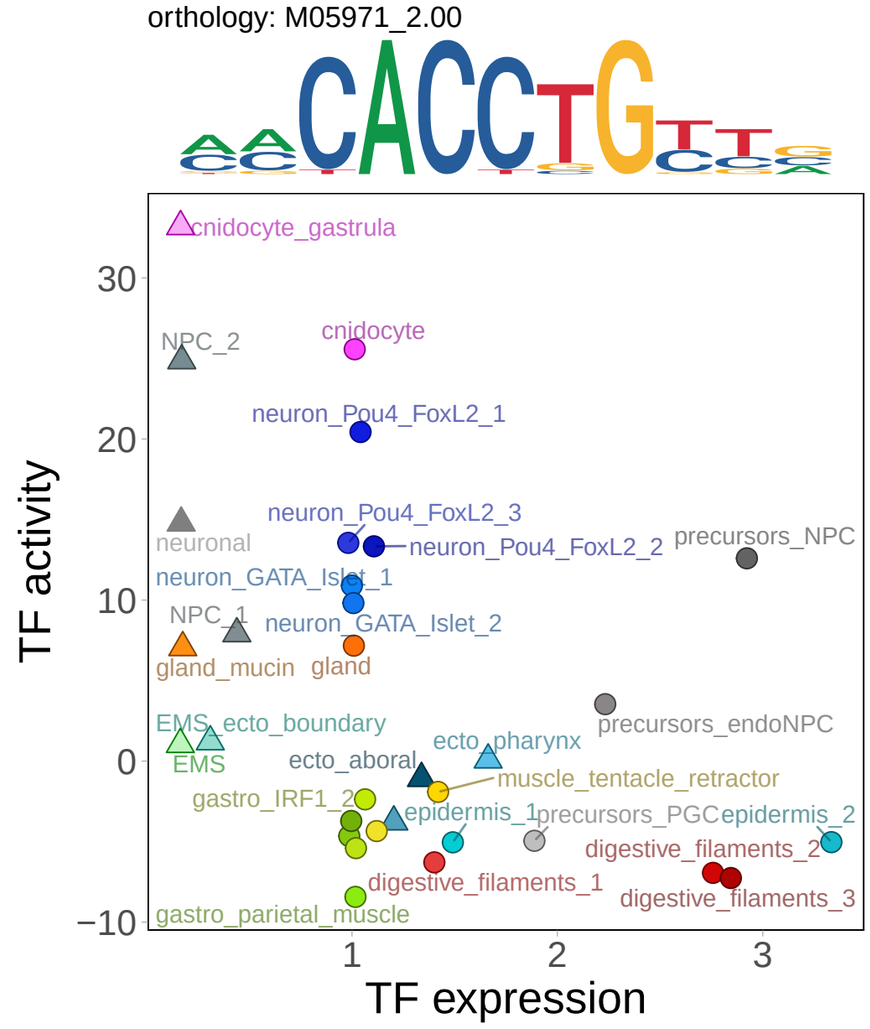


Nvec_NVE19743
OG: HLH.HG1.55:like:TCF23/TCF24
PFAM: HLH

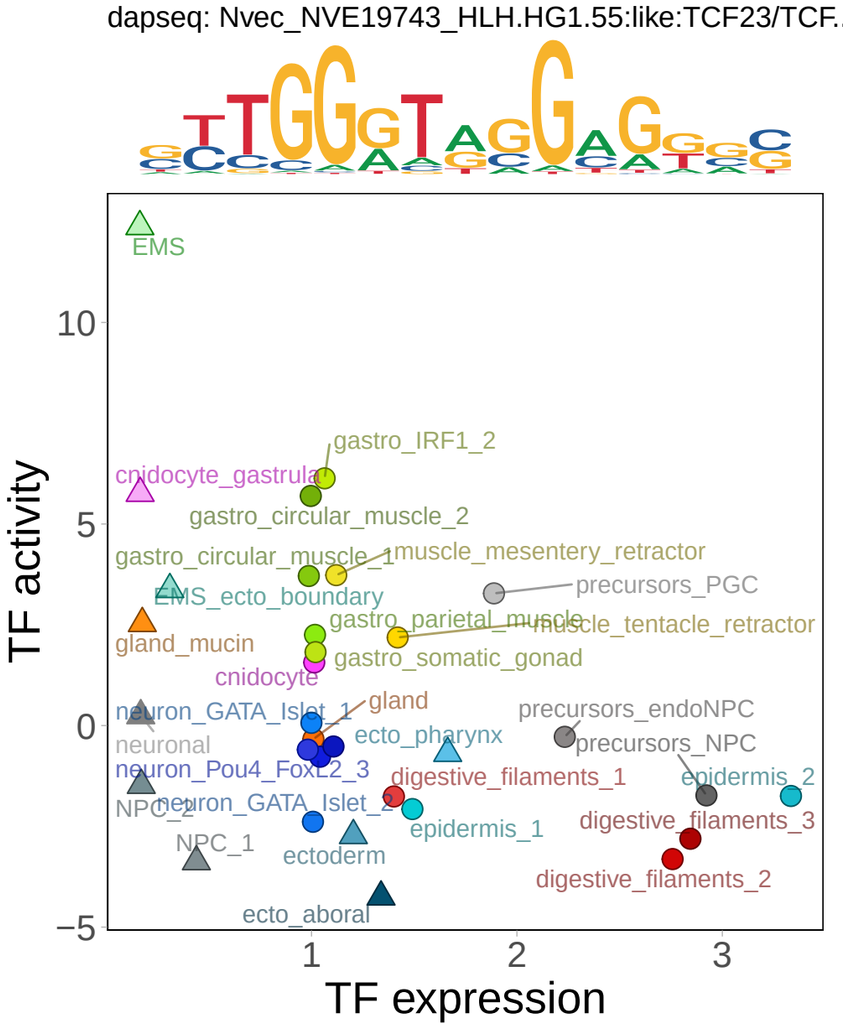
archetype: ARCH1533_BHLH112



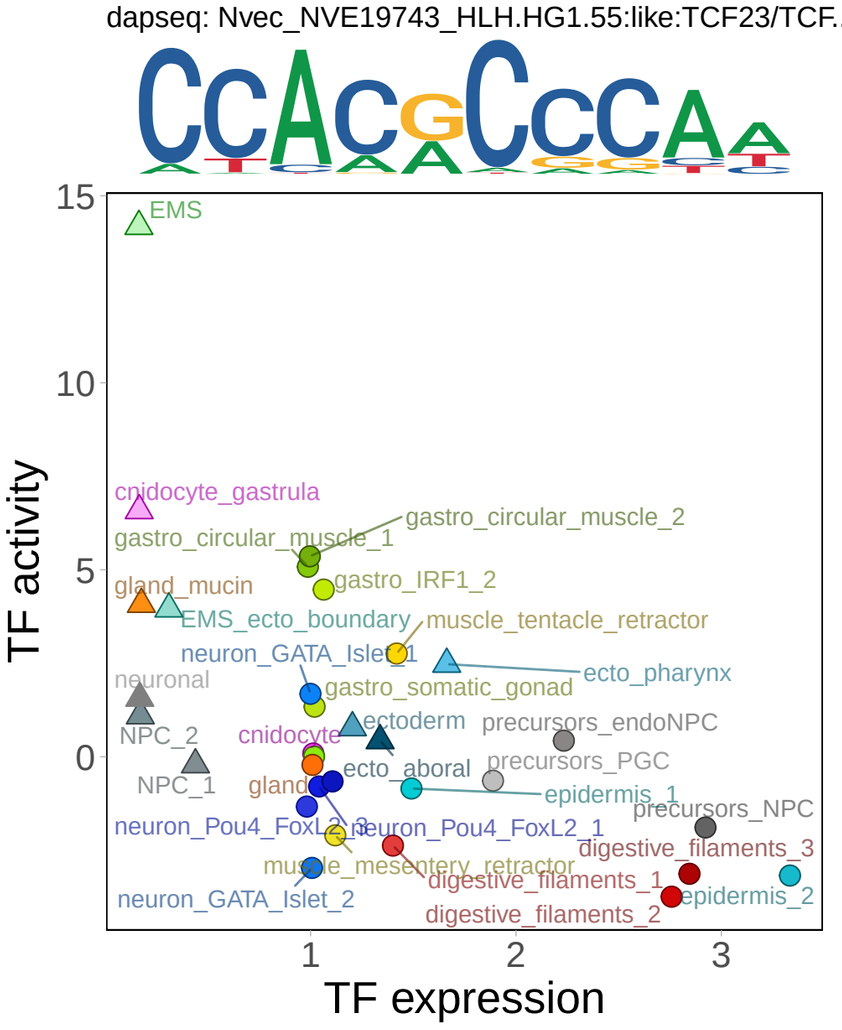
orthology: M05971_2.00



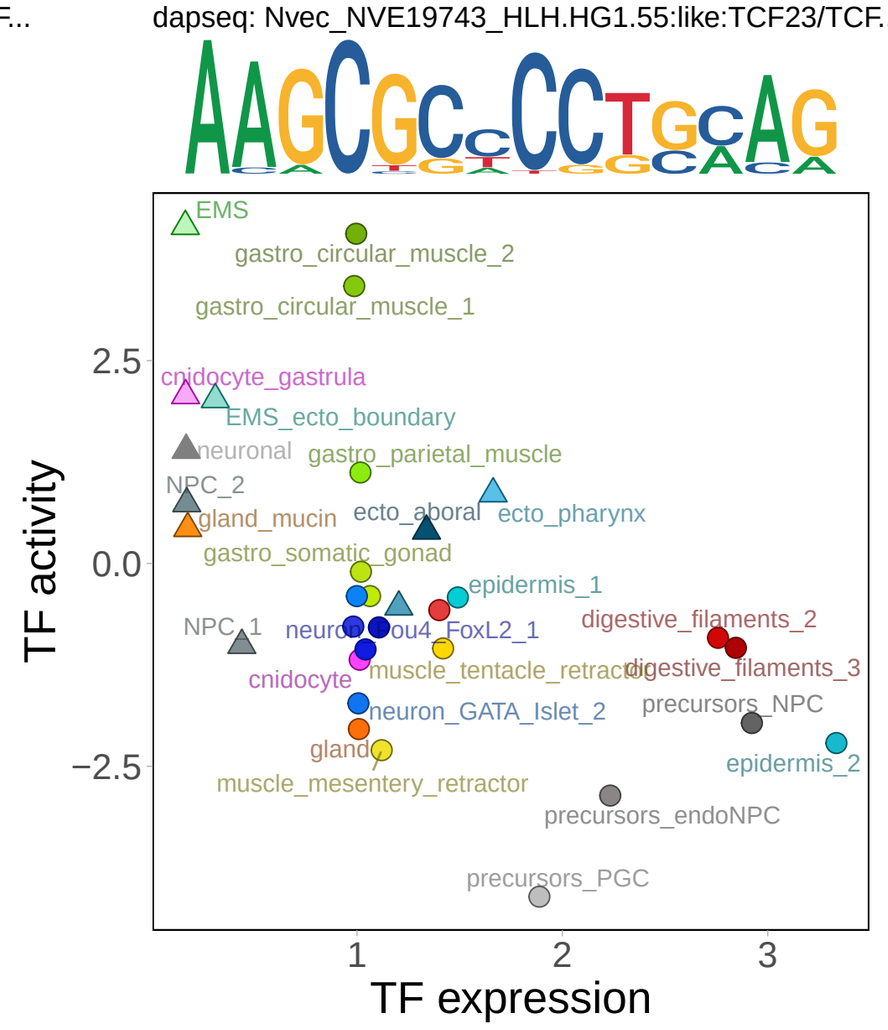
dapseq: Nvec_NVE19743_HLH.HG1.55:like:TCF23/TCF...



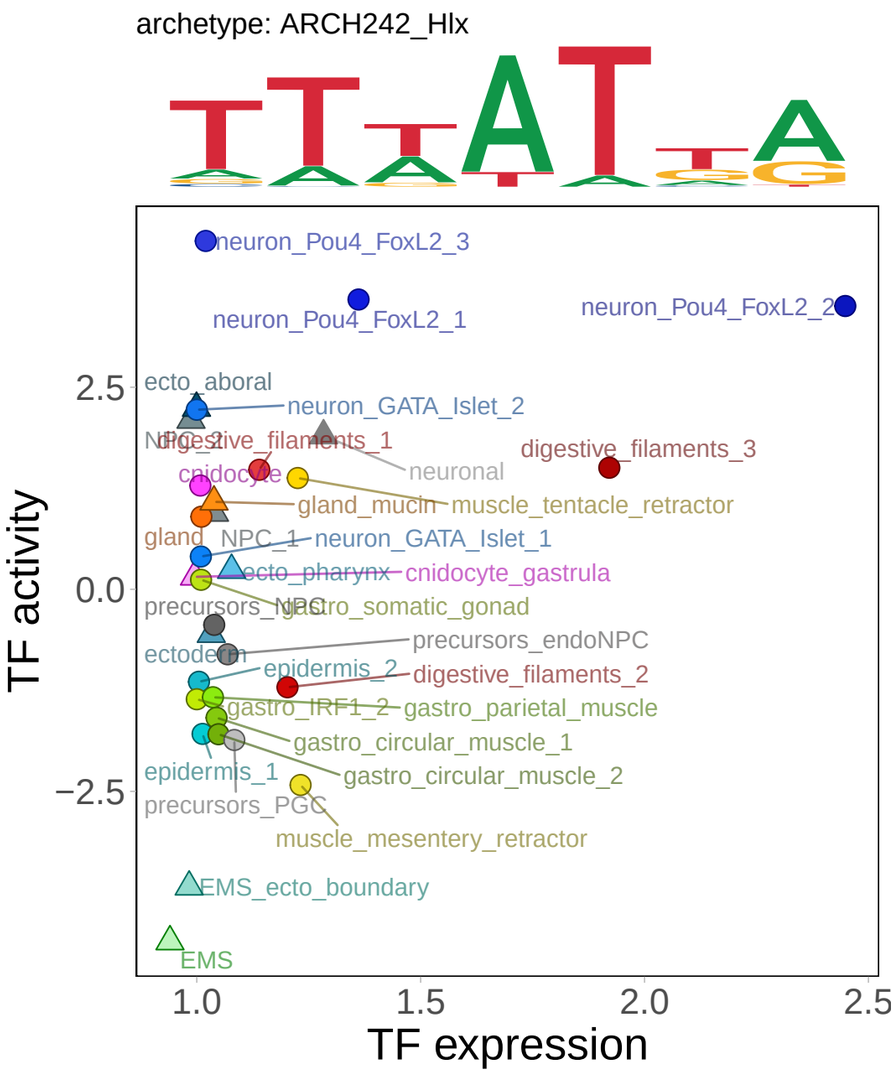
dapseq: Nvec_NVE19743_HLH.HG1.55:like:TCF23/TCF...

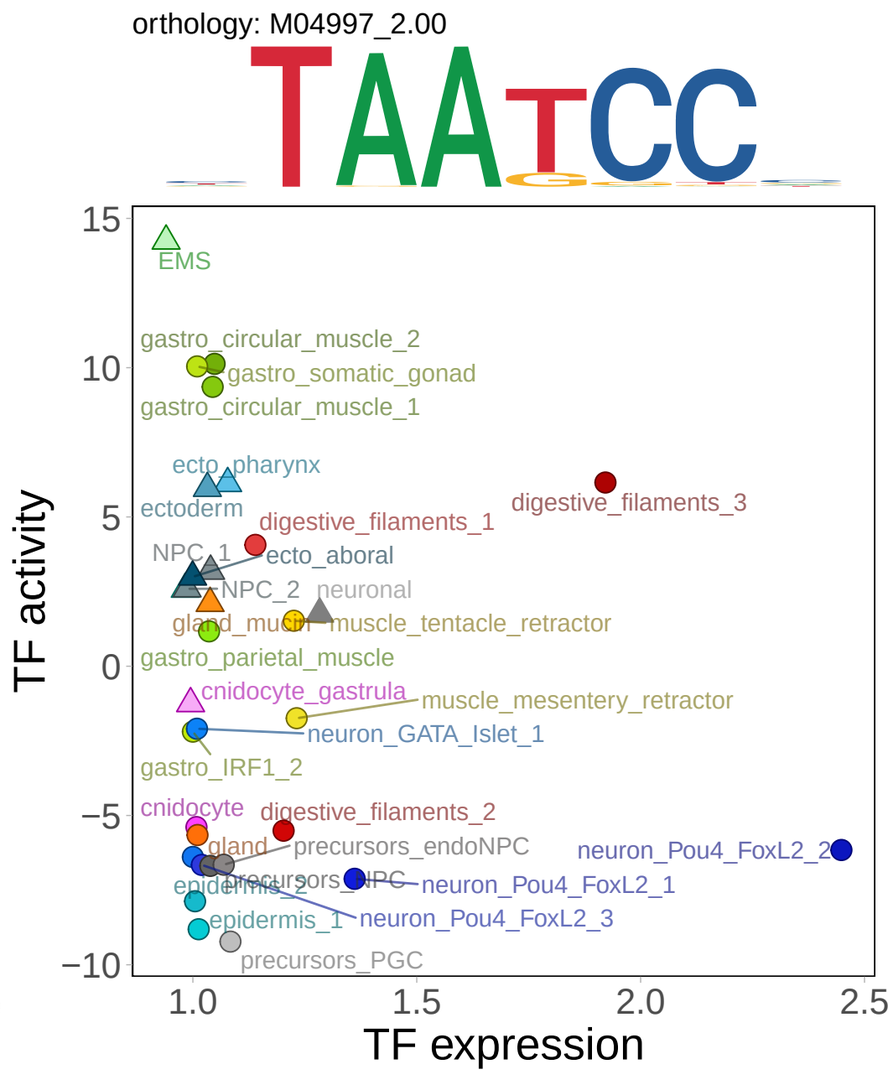


dapseq: Nvec_NVE19743_HLH.HG1.55:like:TCF23/TCF...

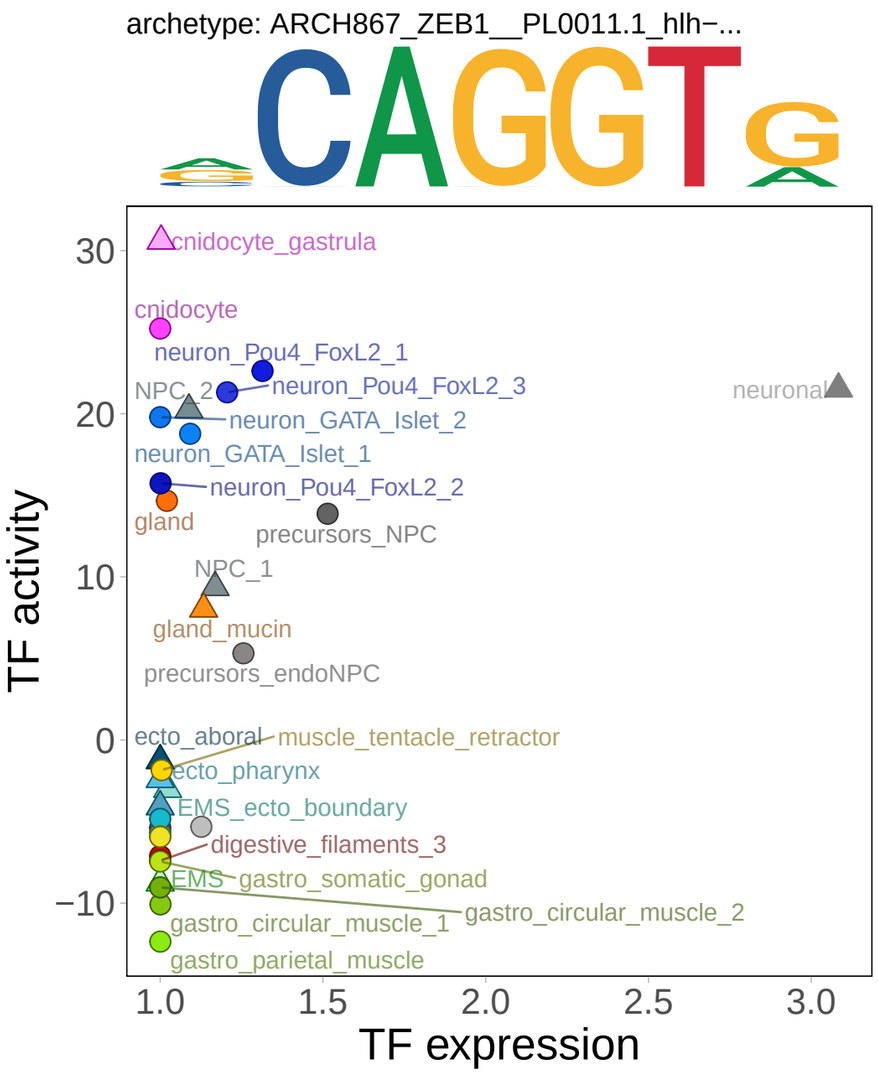


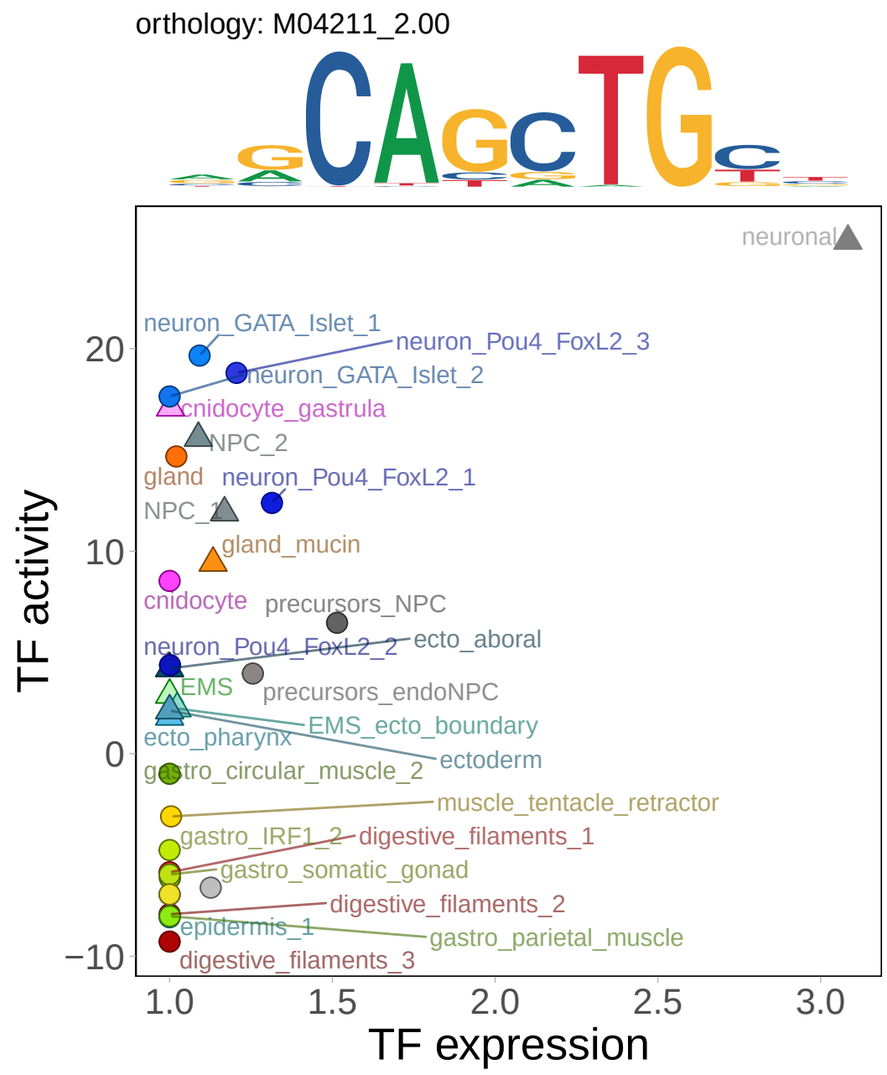
Nvec_NVE7697
OG: Homeodomains.HG2.24:like:LEUTX
PFAM: Homeodomain



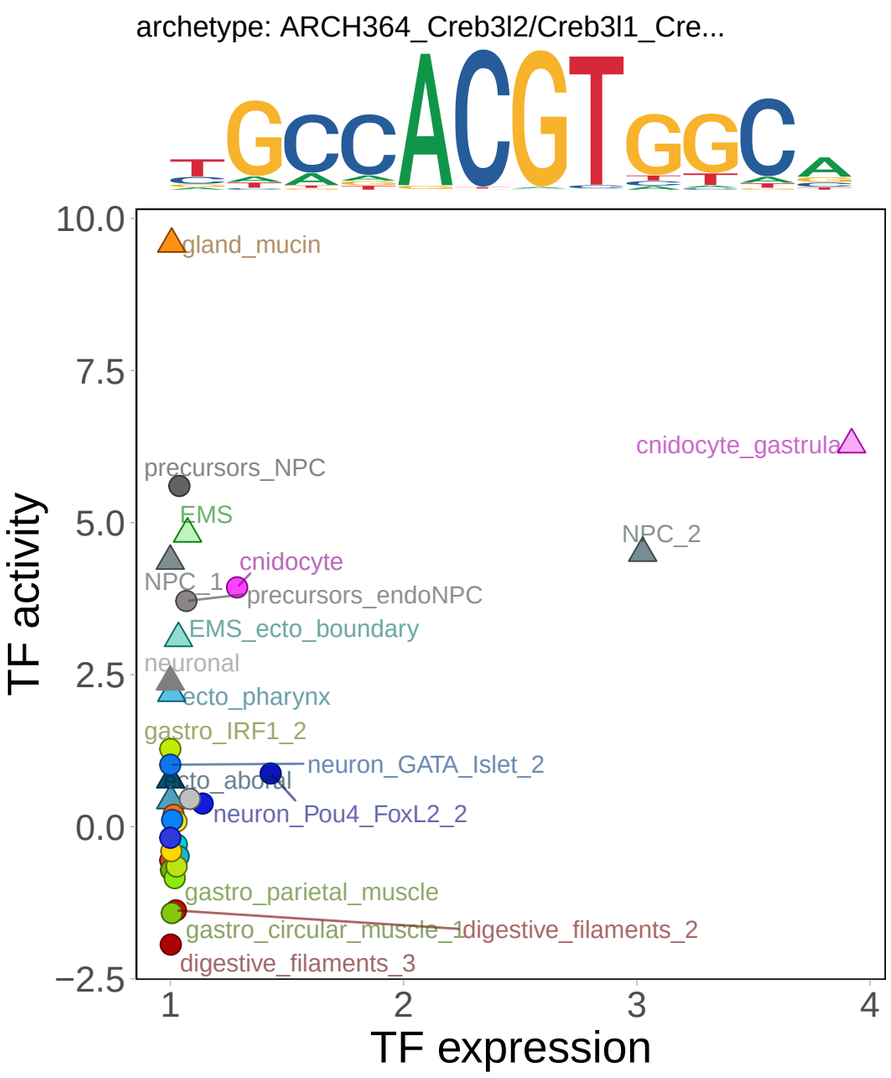


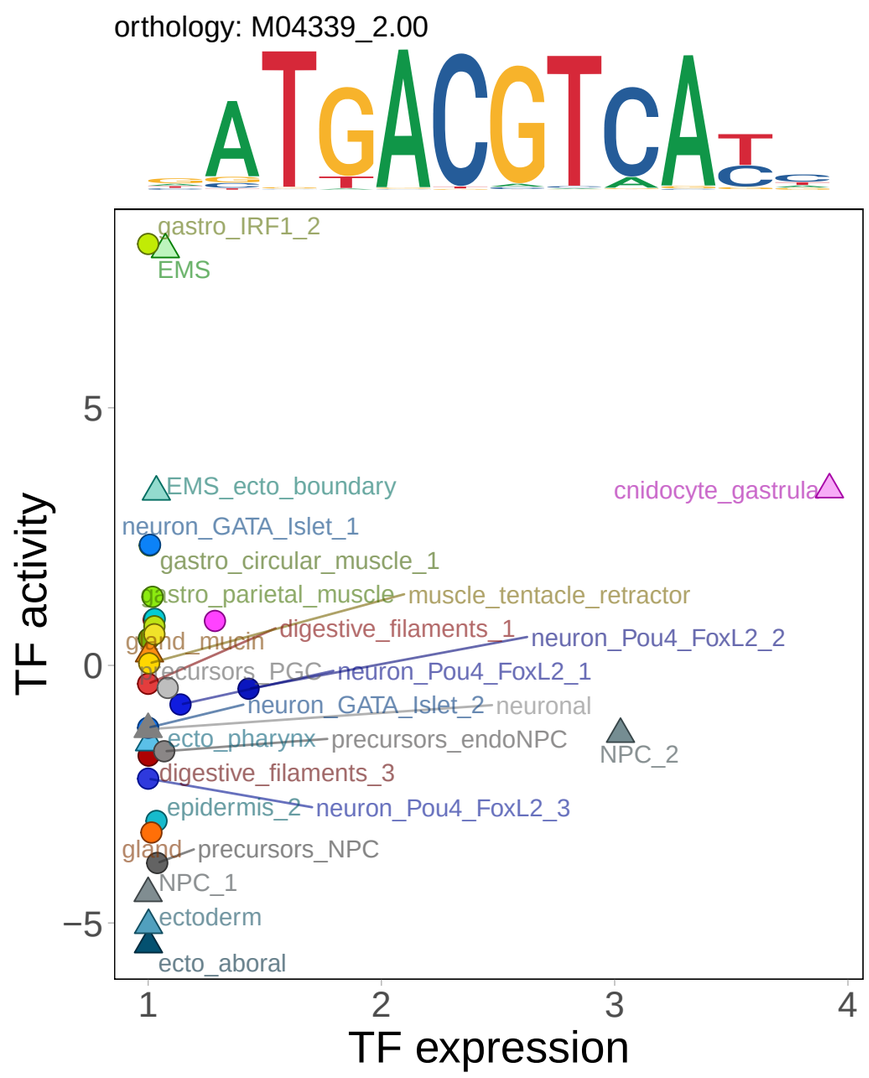
Nvec_v1g210540
OG: HLH.HG1.68:like:ASCL3/ASCL4/ASCL5
PFAM: HLH



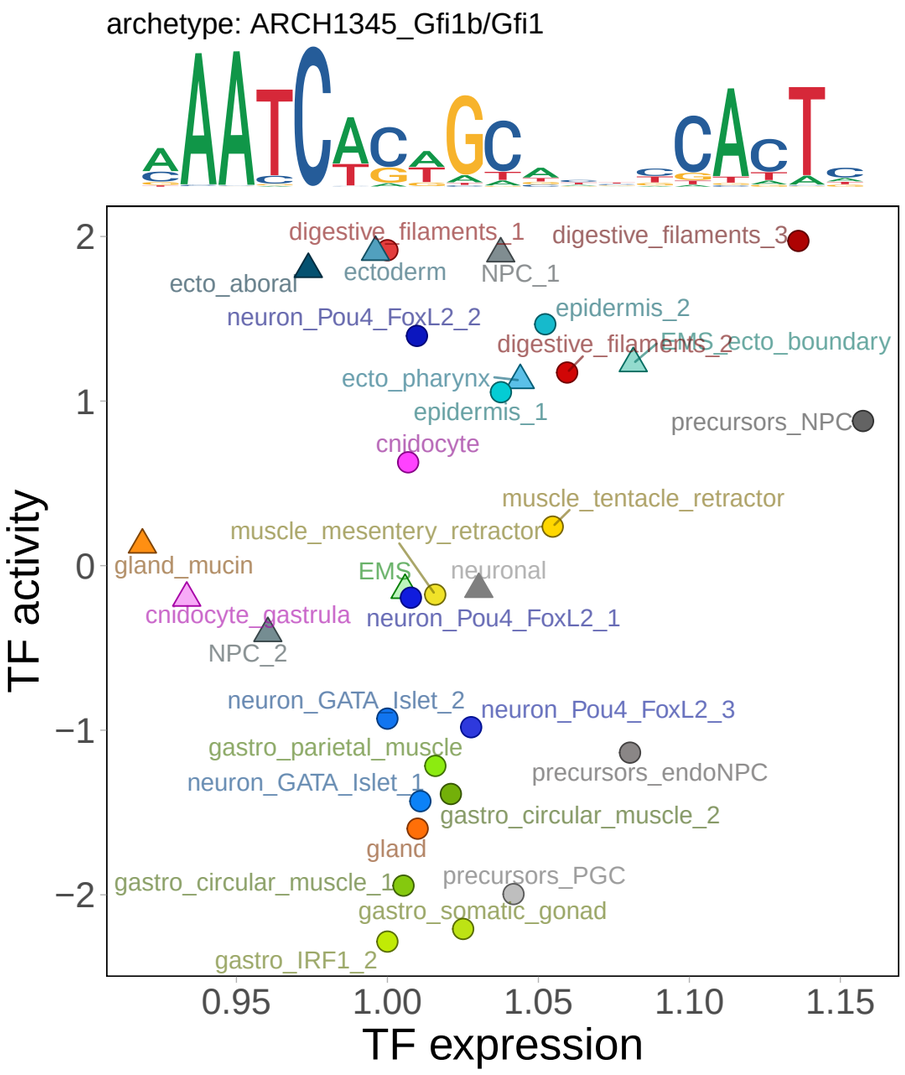


Nvec_v1g241767
OG: bZIP.HG1.3:like:JUN/JUNB/JUND
PFAM: Jun



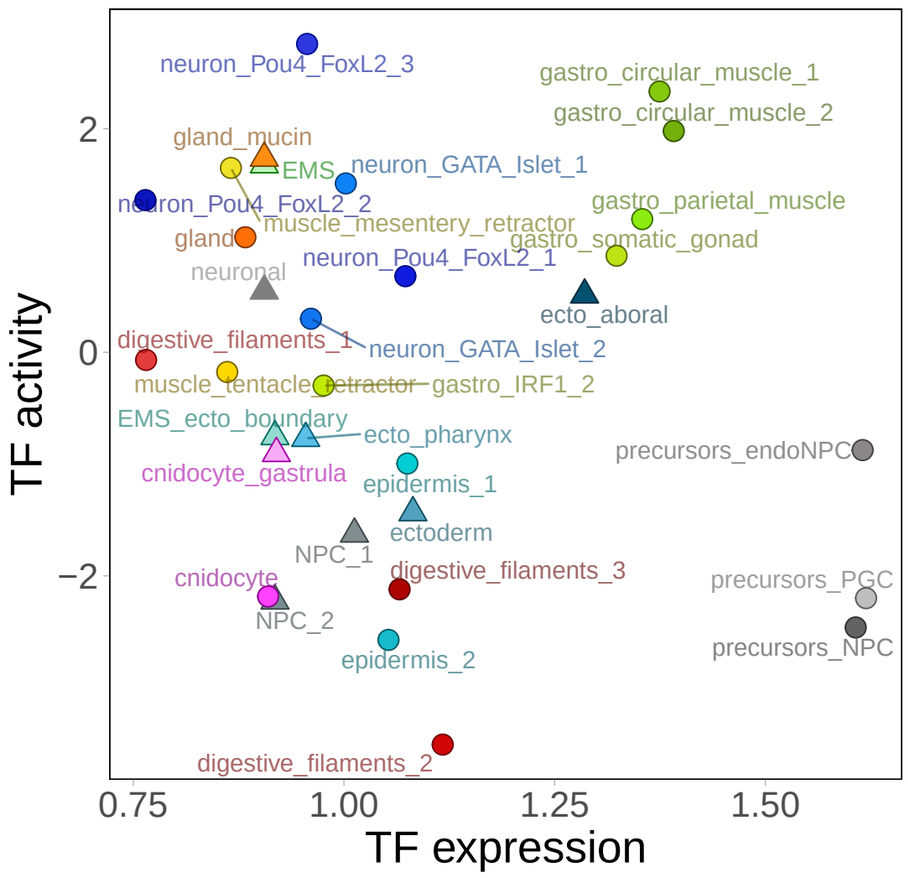


Nvec_v1g244929
OG: zf−C2H2.HG1.14:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2

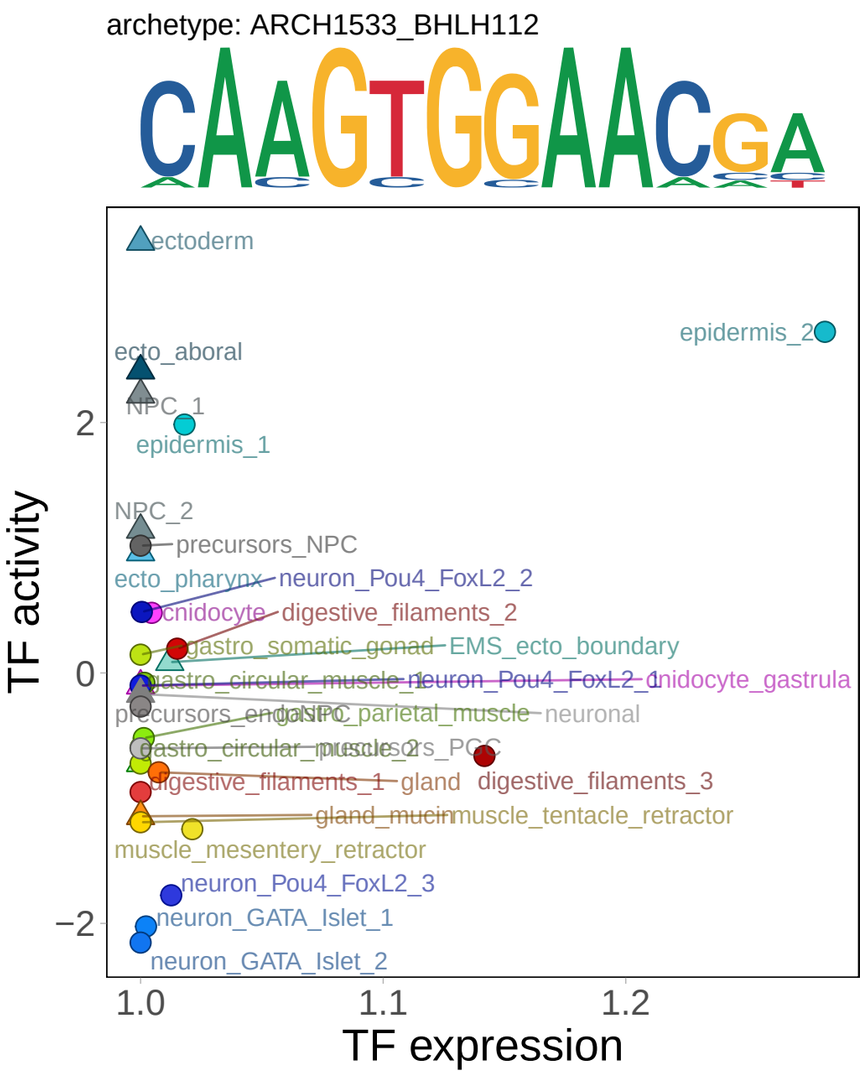


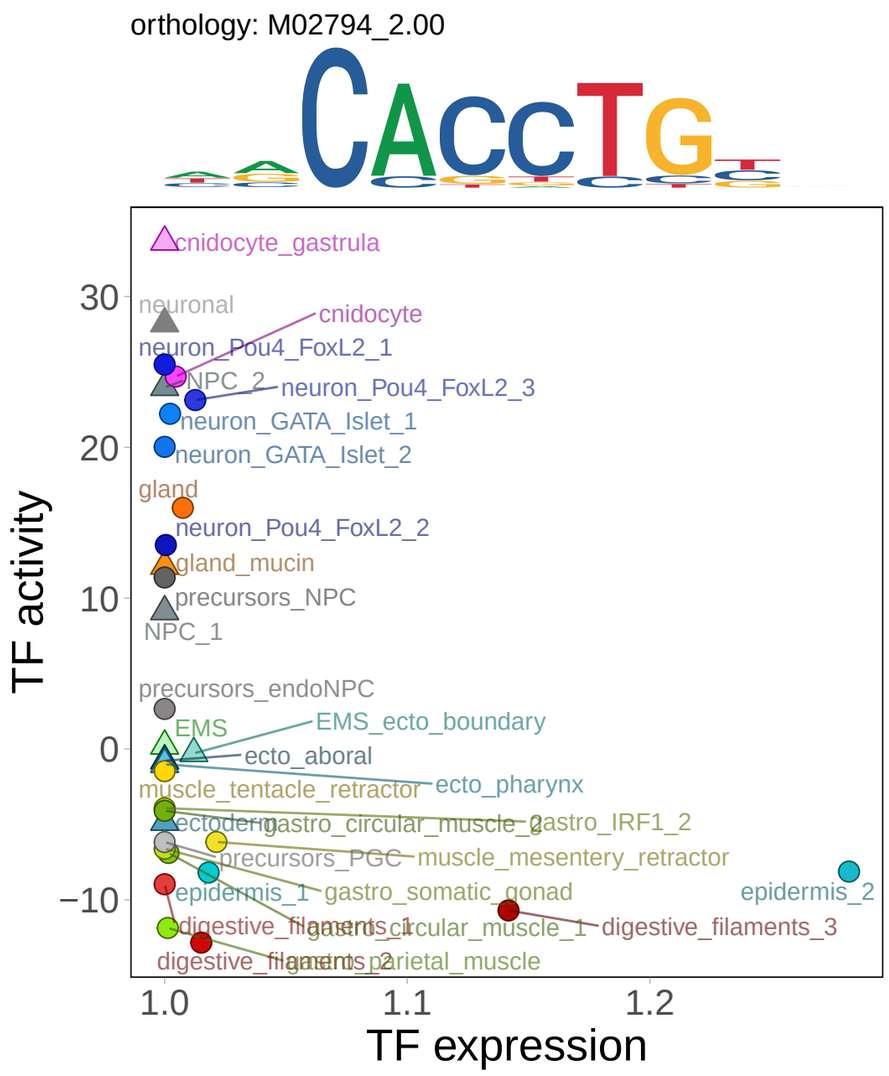
Nvec_v1g90177
OG: AT_hook.HG1.0:HMGA2
PFAM: AT_hook/AT_hook/AT_hook/AT_hook

orthology: M00751_2.00

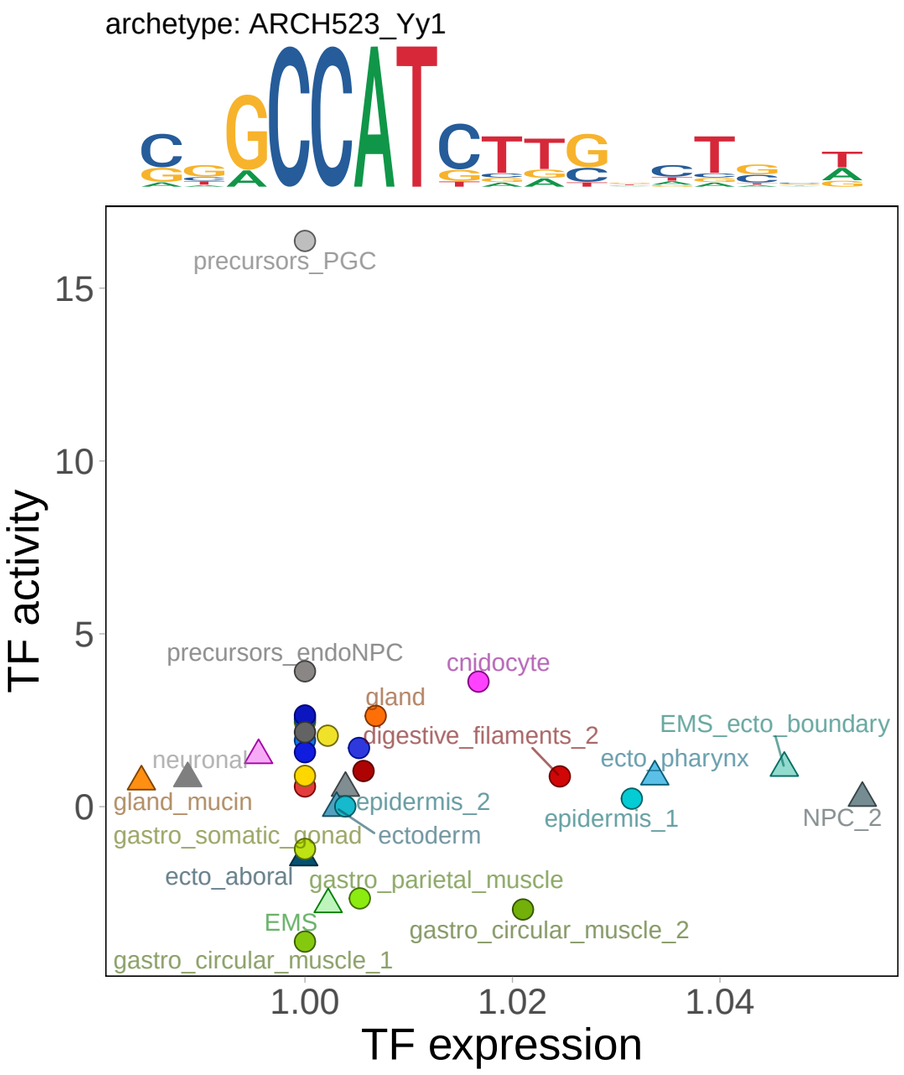


Nvec_v1g99666
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH

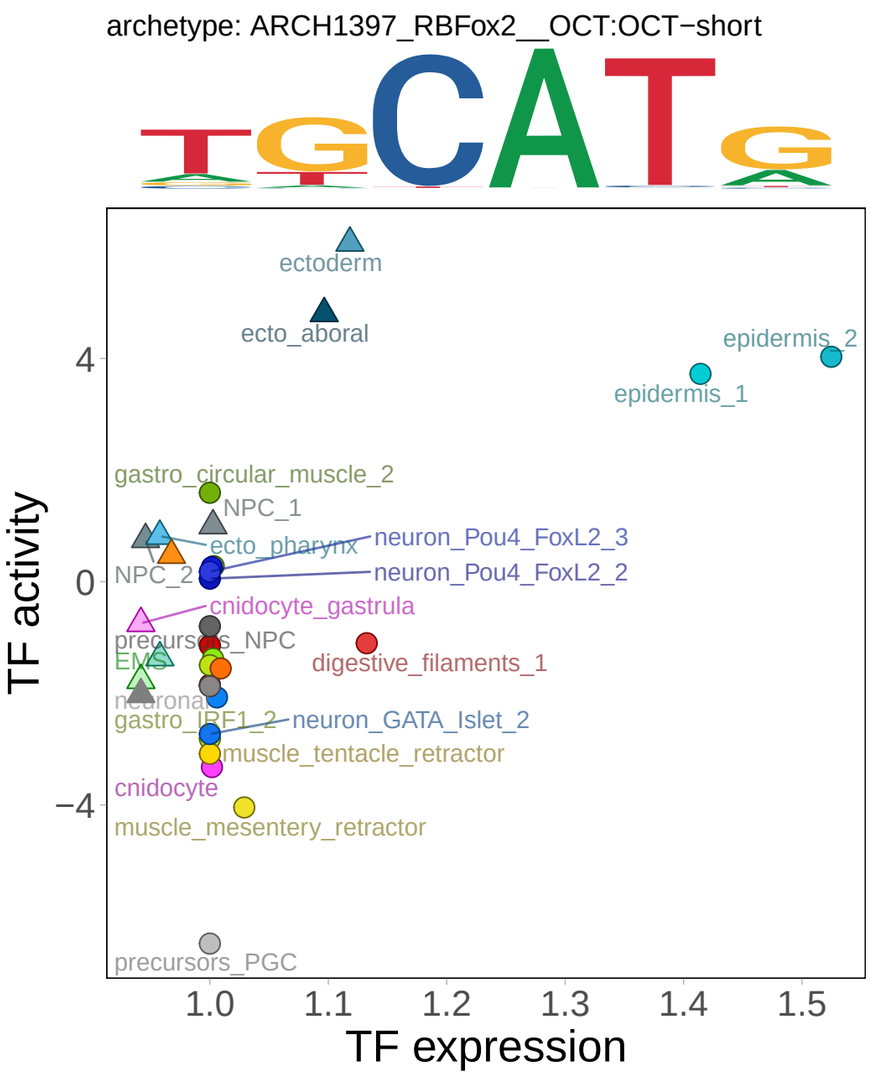


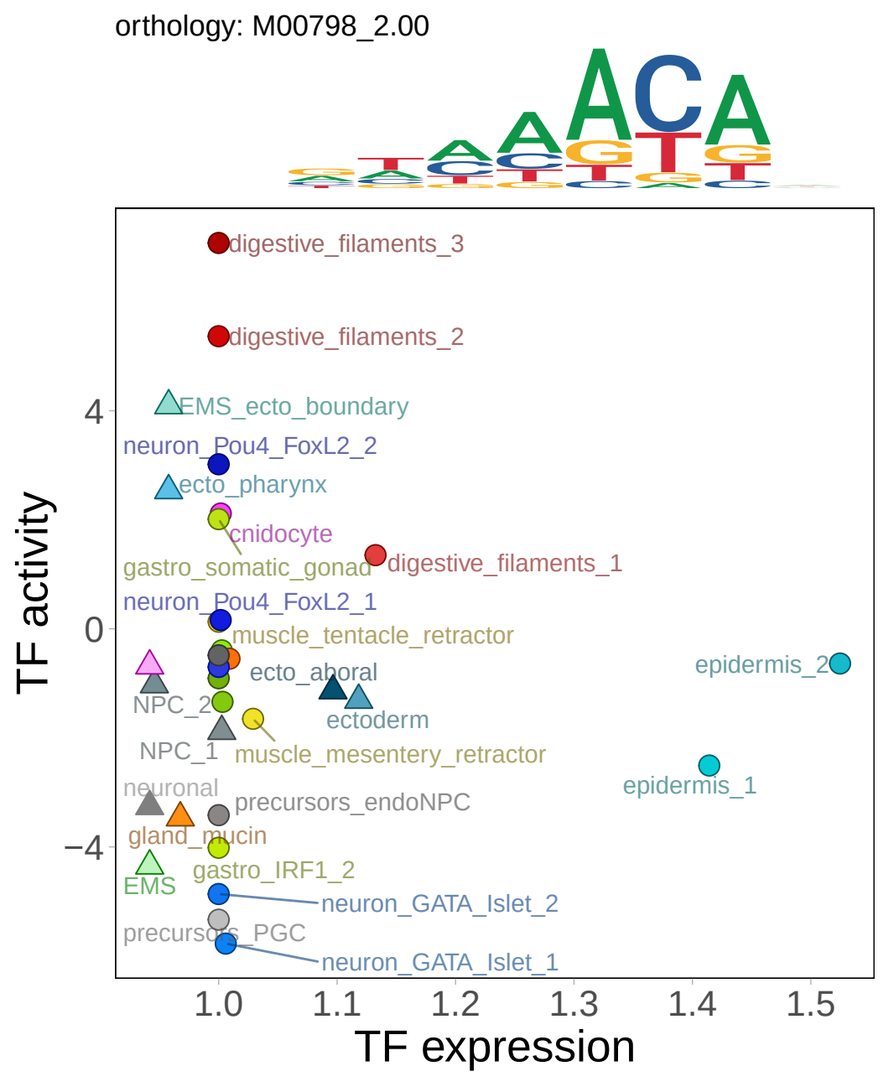


Nvec_vc1.1_XM_001618929.3
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H

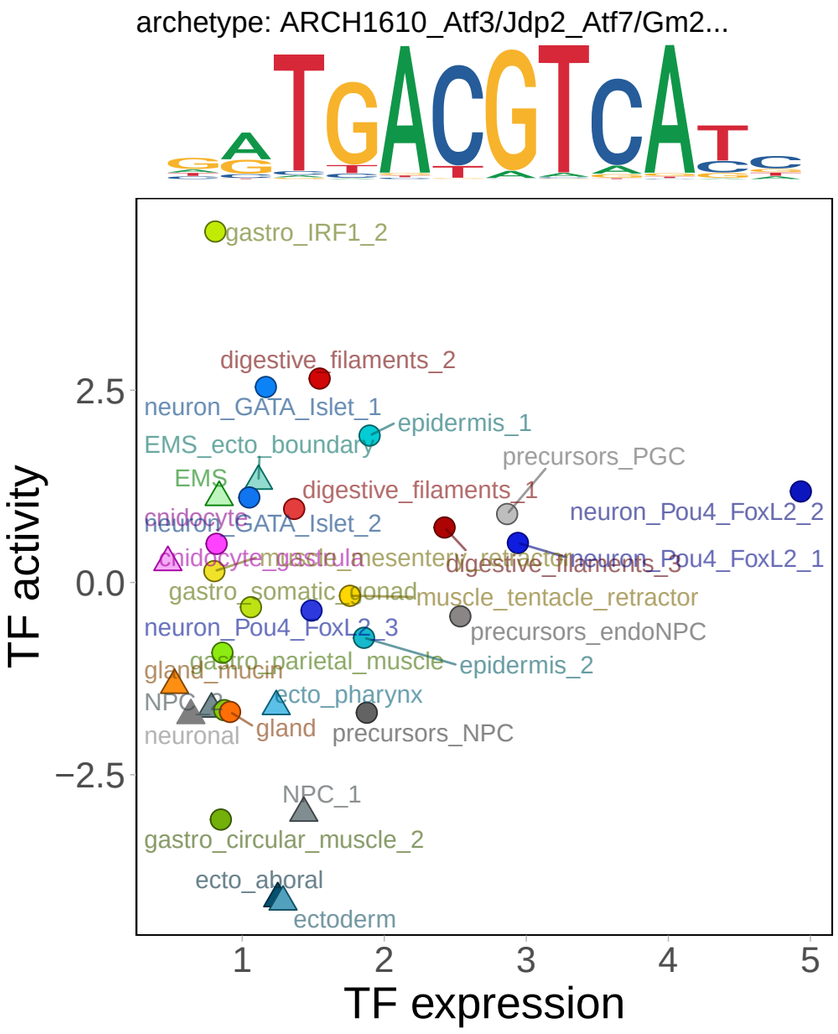


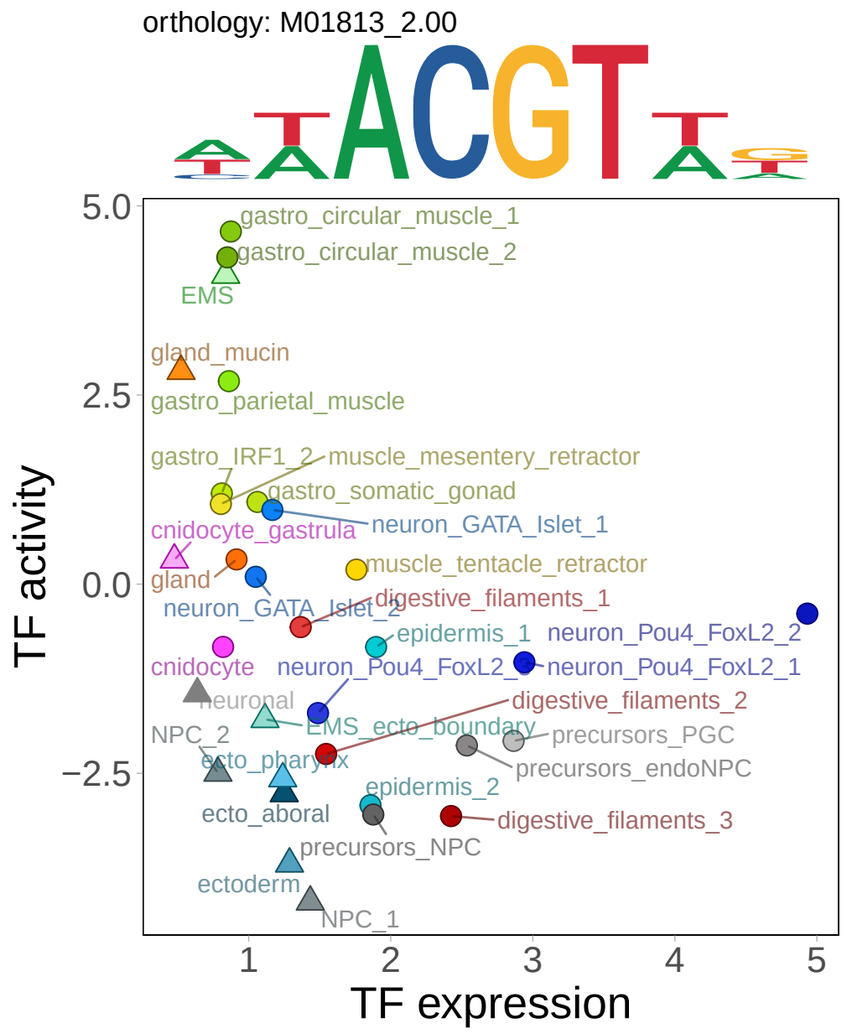
Nvec_vc1.1_XM_001623127.3
OG: Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6
PFAM: Forkhead

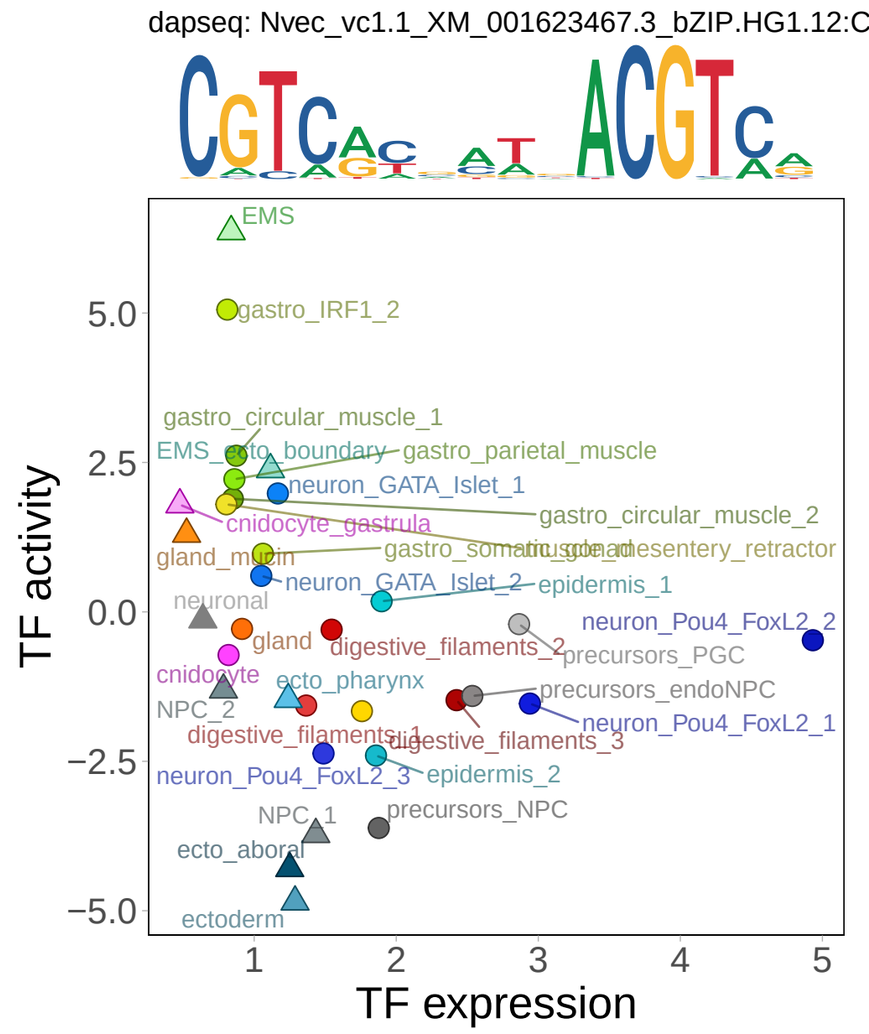


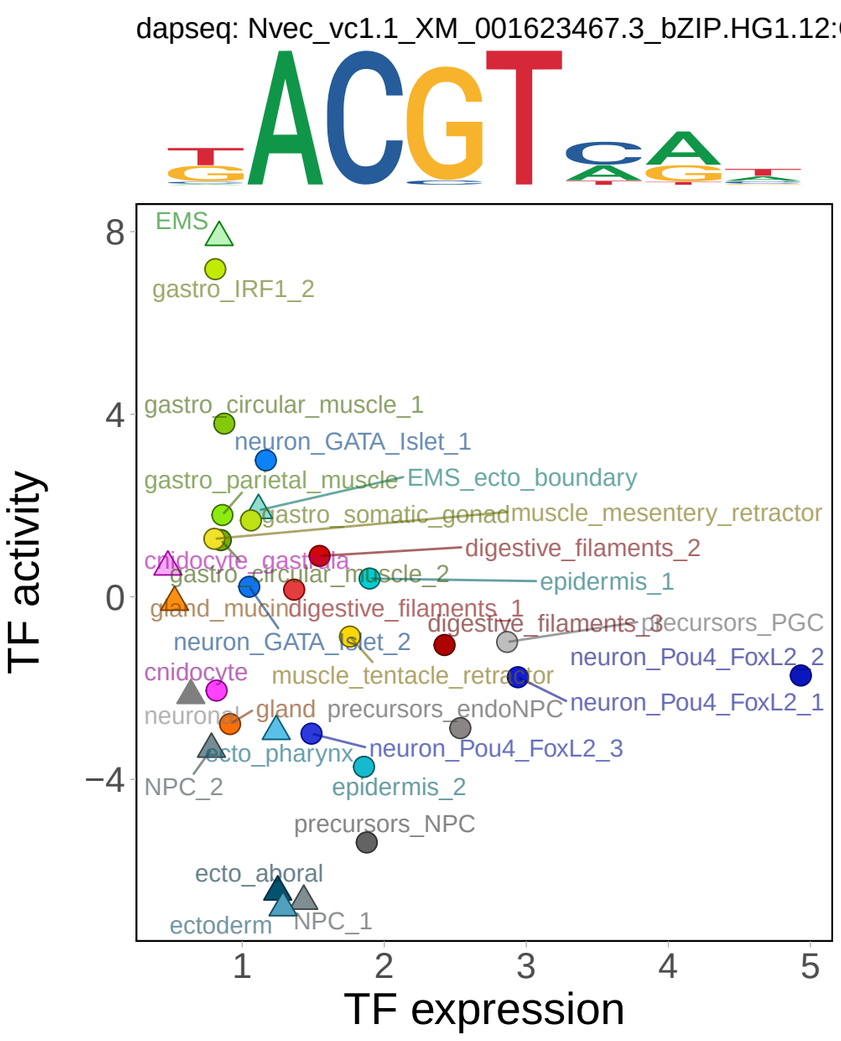


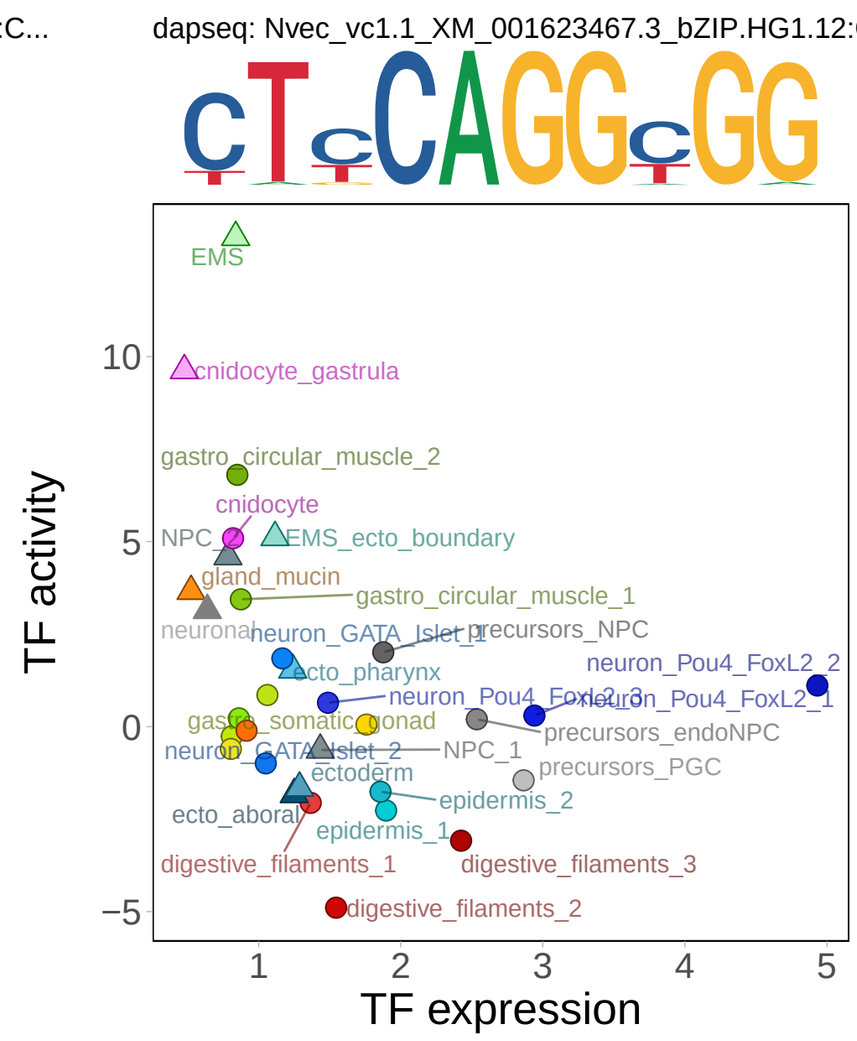
Nvec_vc1.1_XM_001623467.3
OG: bZIP.HG1.12:CREBZF
PFAM: bZIP_2



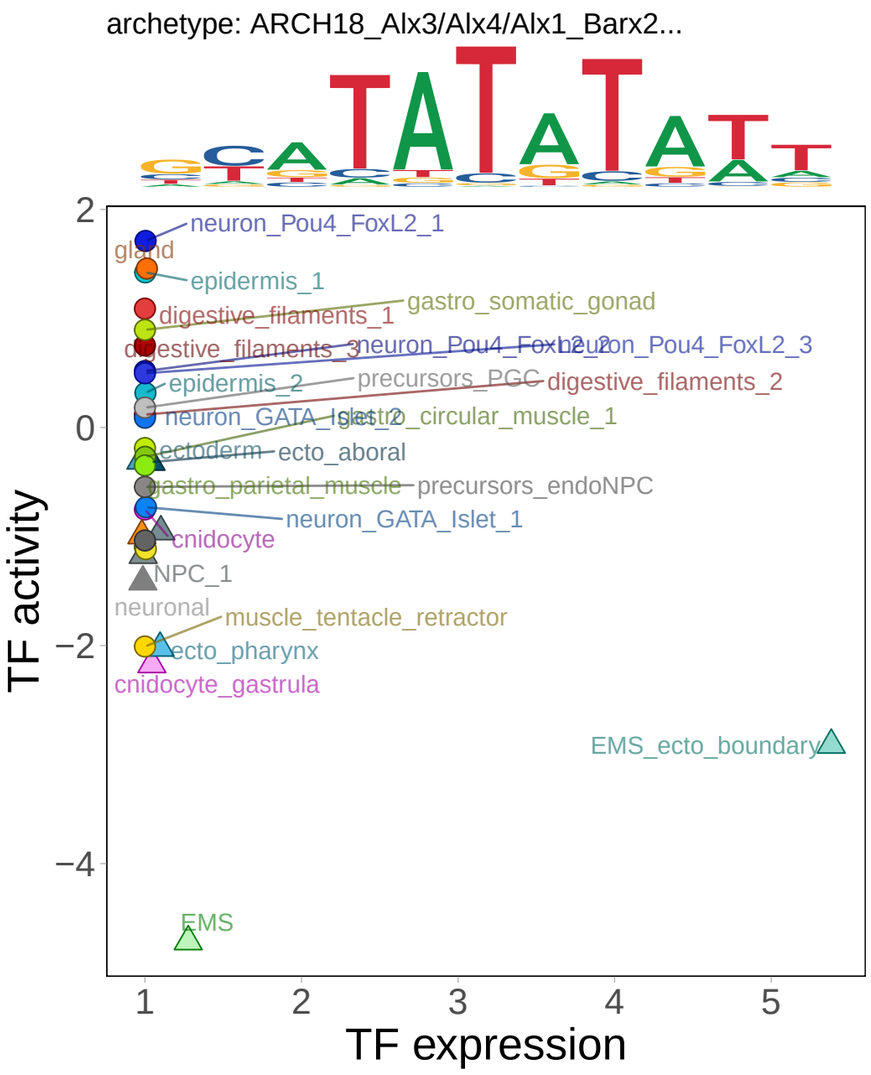


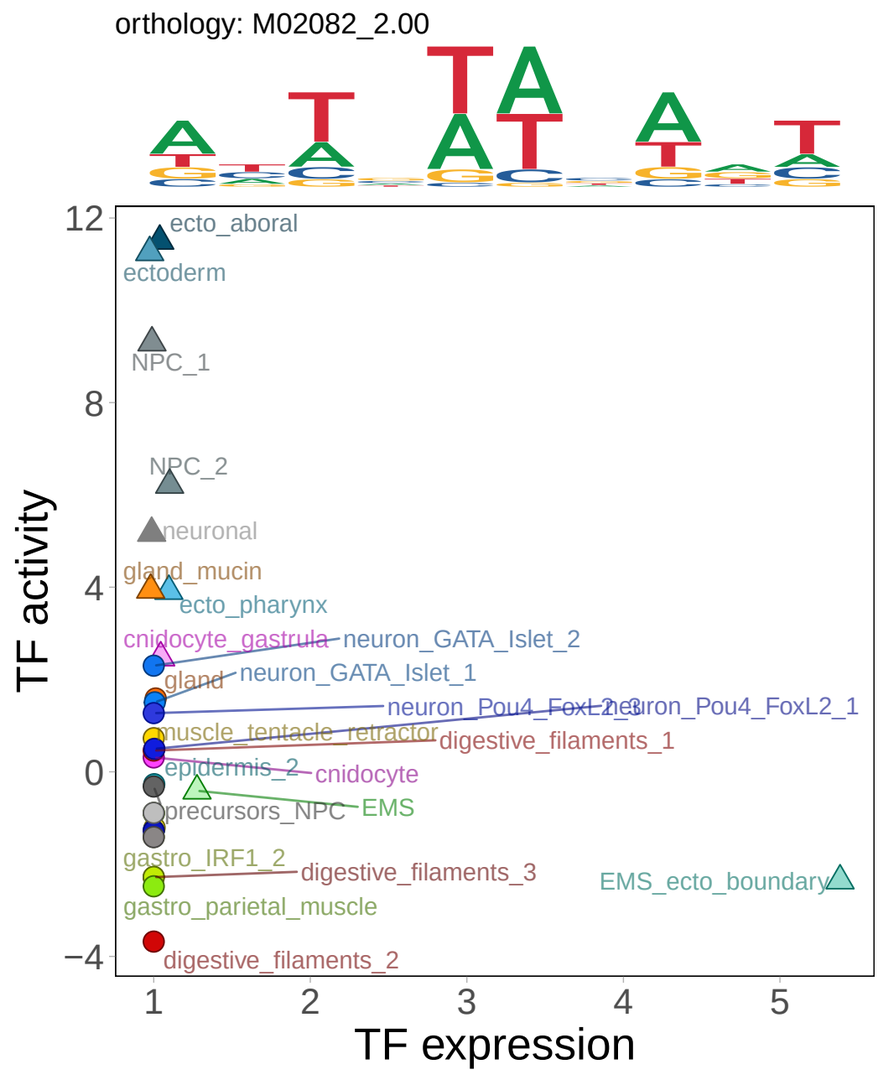




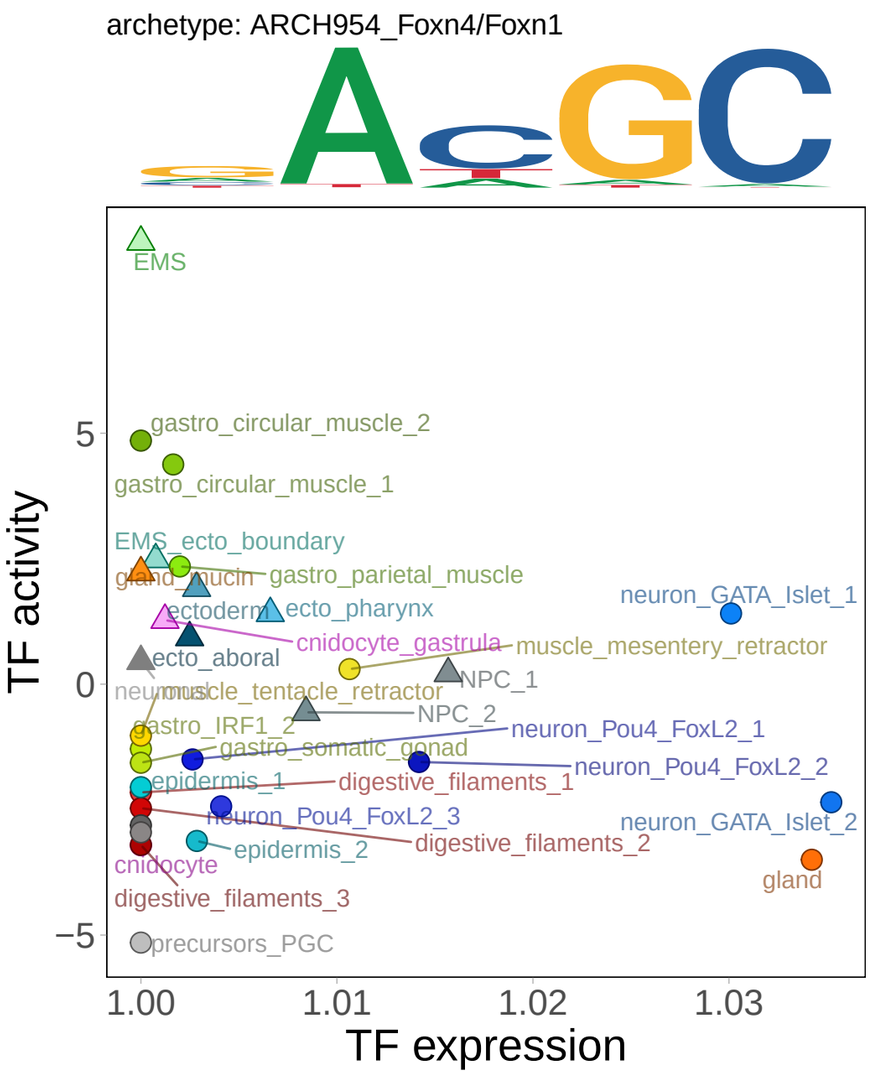


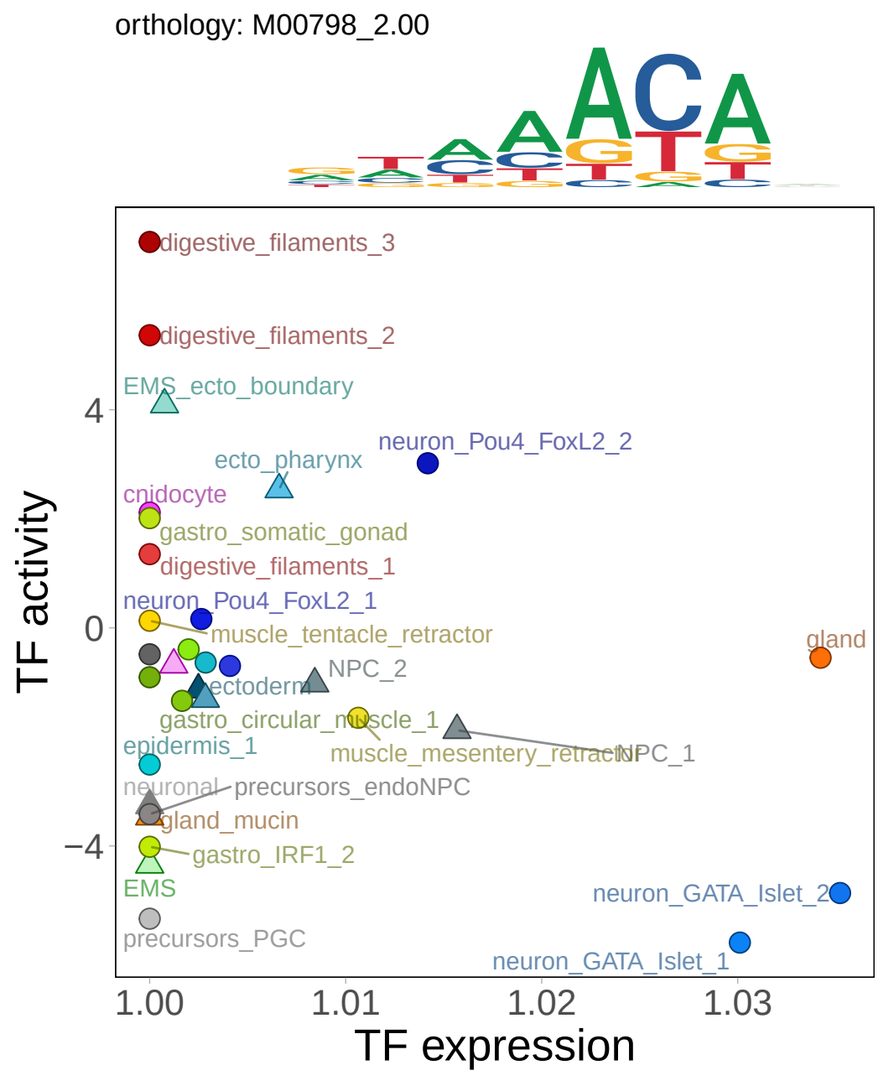
Nvec_vc1.1_XM_001623946.3
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB
PFAM: Homeodomain



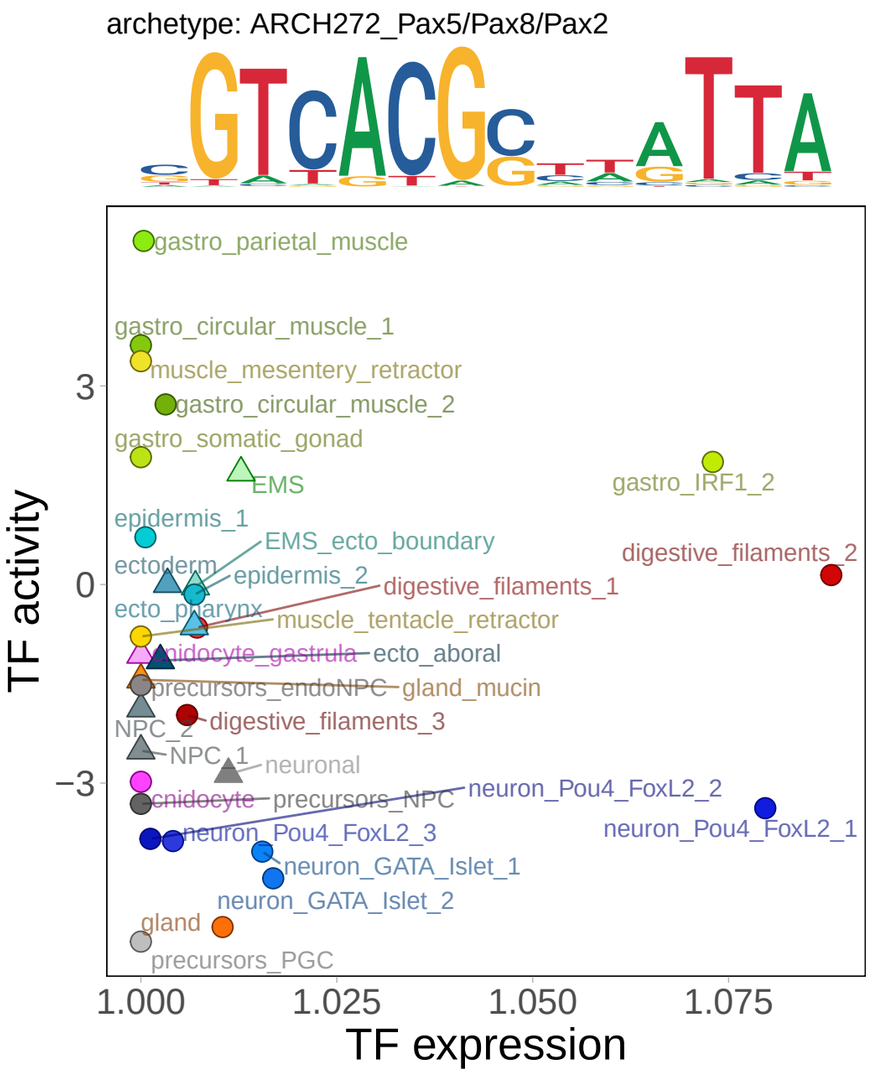


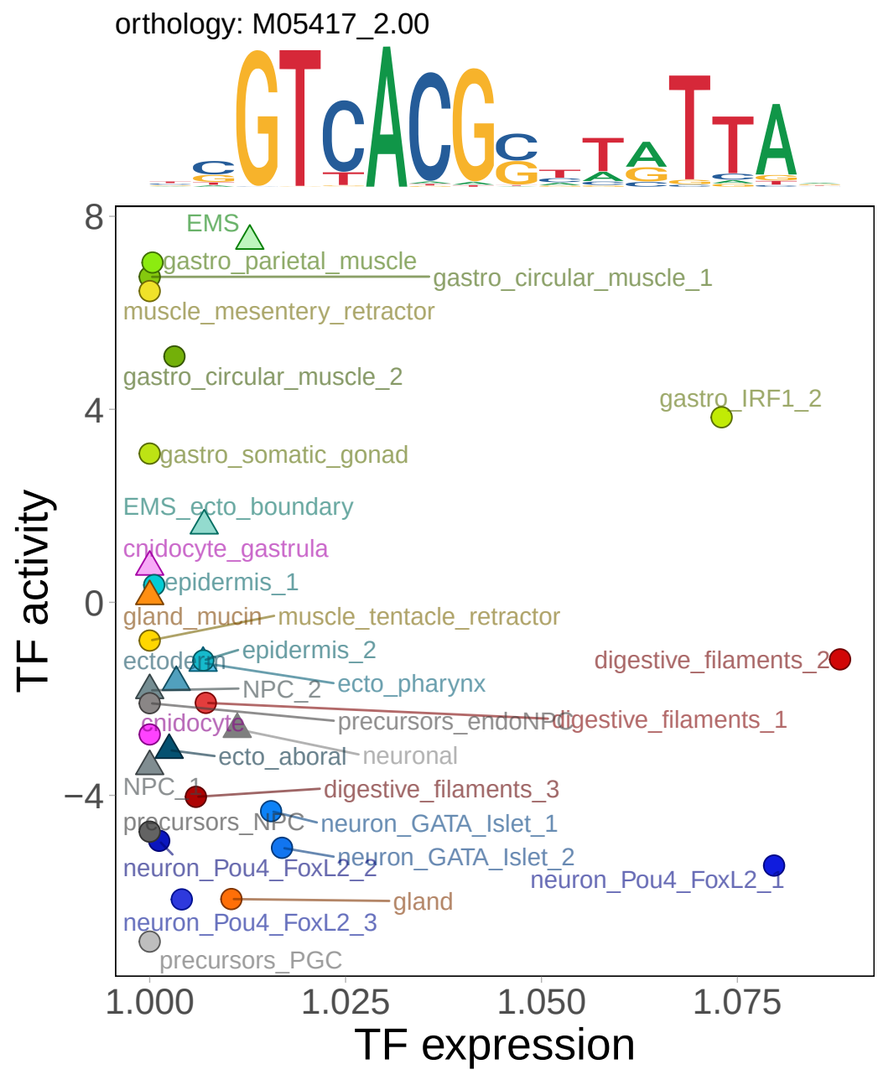
Nvec_vc1.1_XM_001624046.3
OG: Forkhead.HG1.33:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6
PFAM: Forkhead



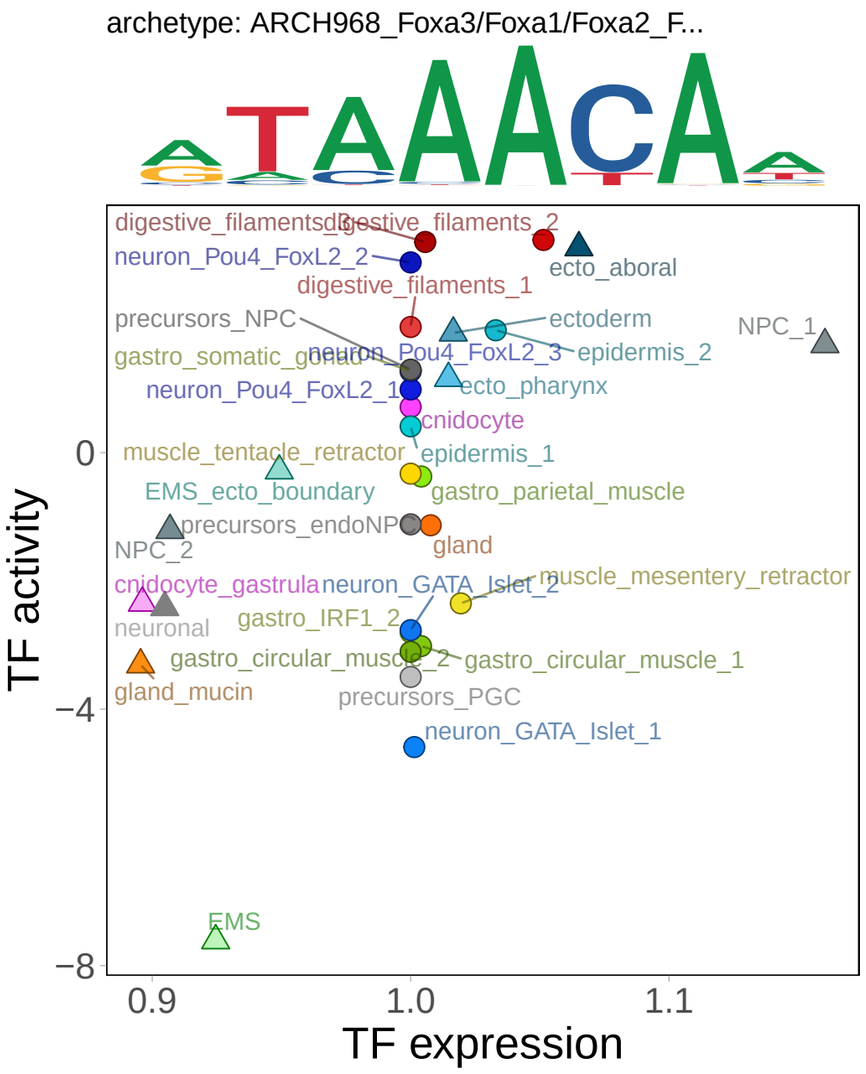


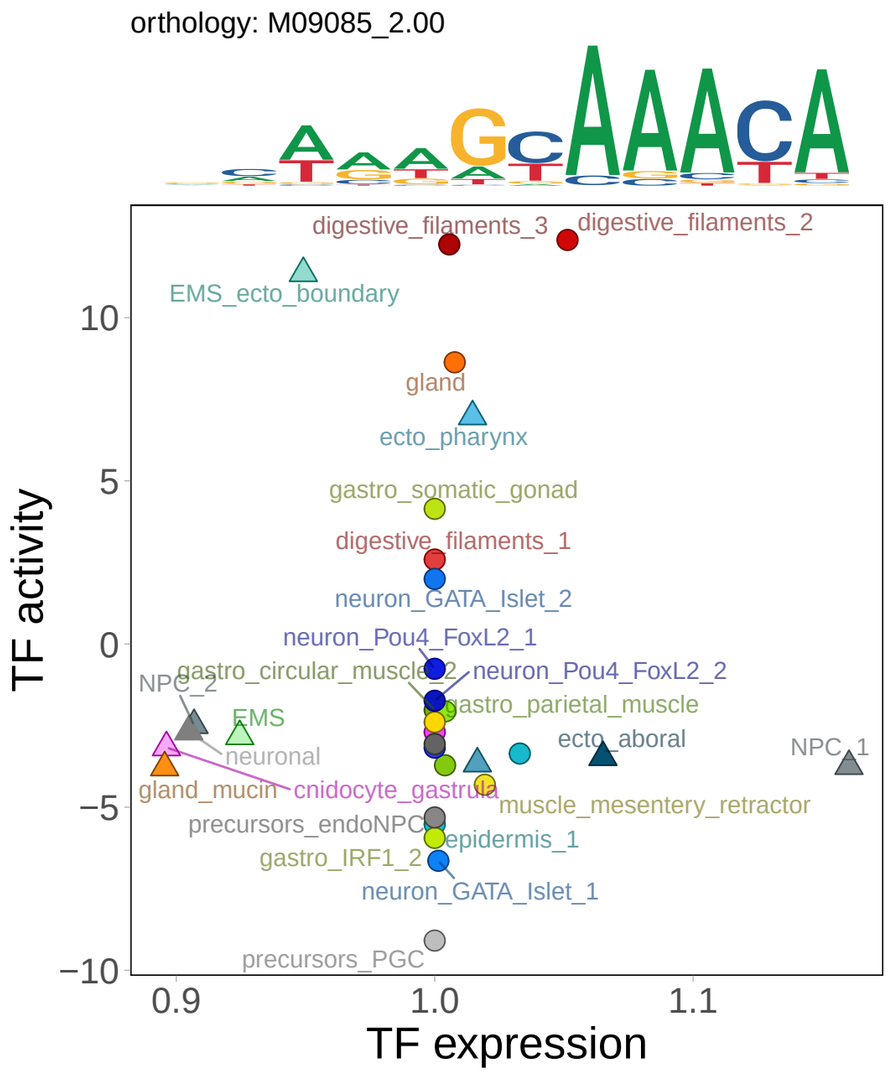
Nvec_vc1.1_XM_001624560.3
OG: Homeodomains.HG2.3:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/CRX/DMBX1/DPRX/D
PFAM: PAX/Homeodomain



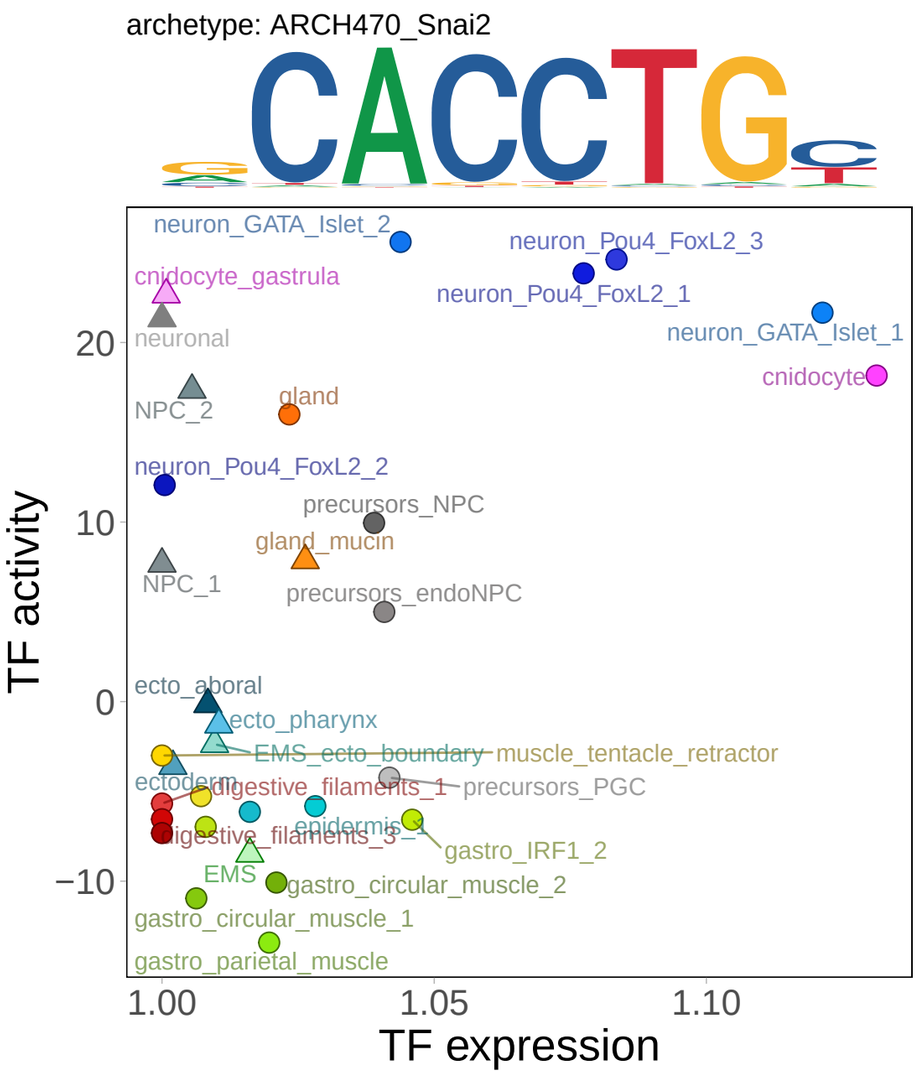


Nvec_vc1.1_XM_001624689.3
OG: Forkhead.HG1.26:FOXM1
PFAM: Forkhead

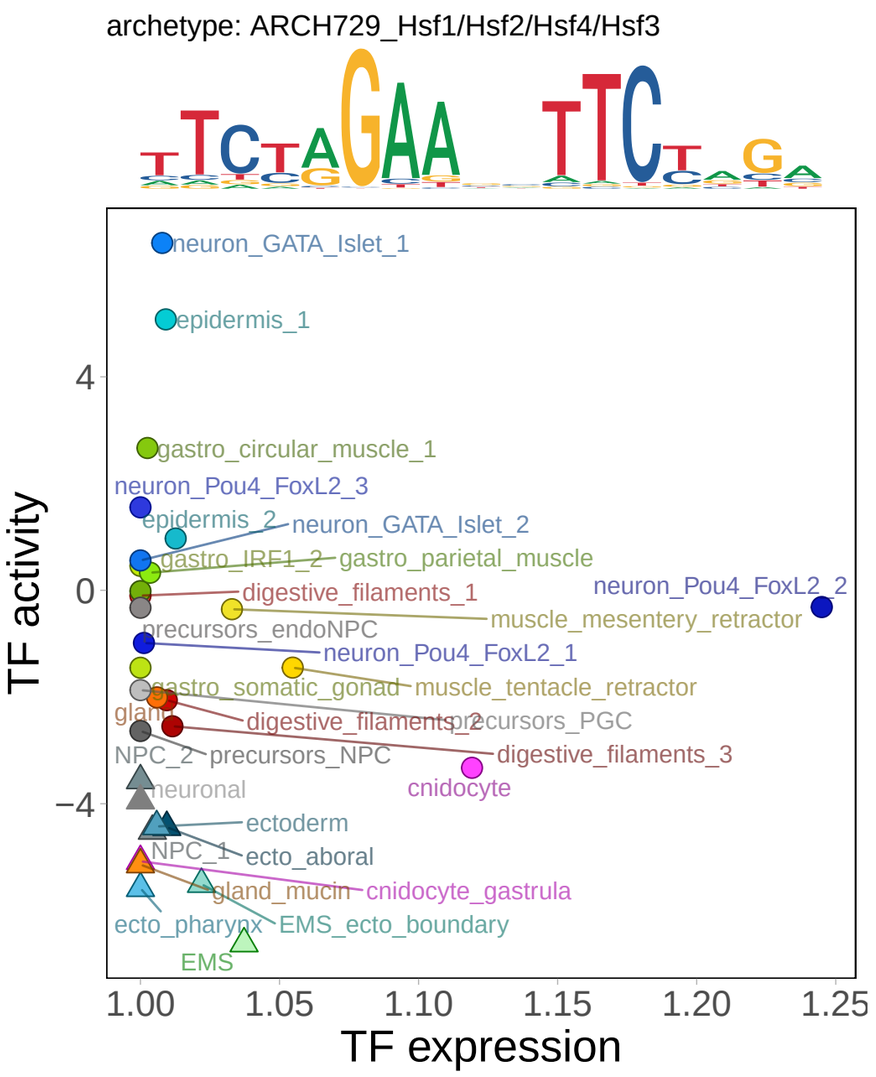


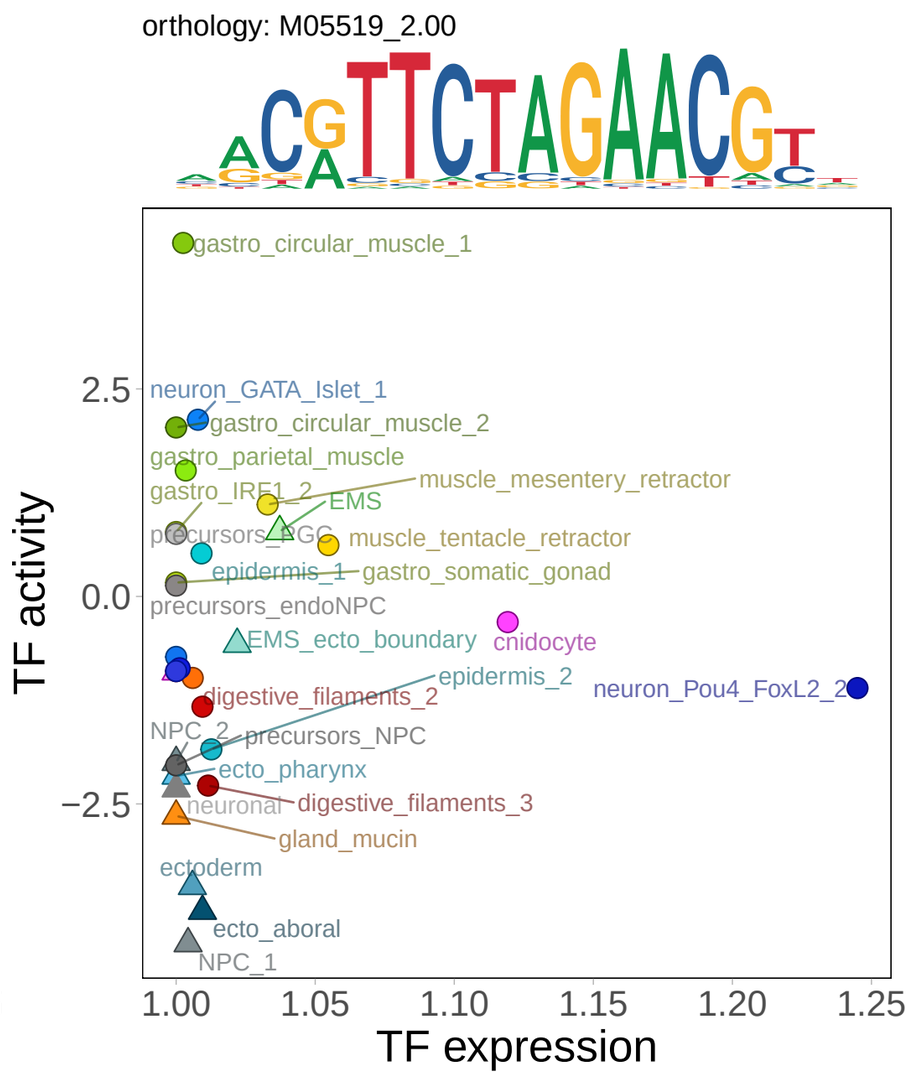


Nvec_vc1.1_XM_001624941.3
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

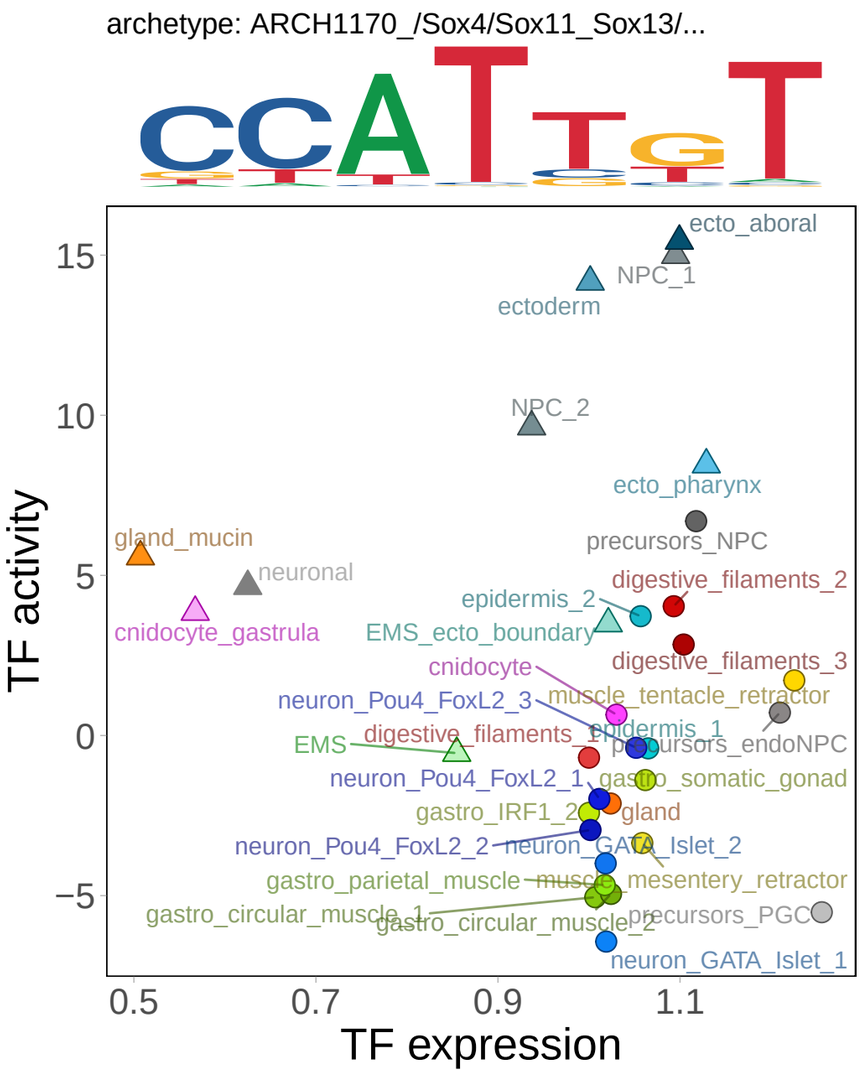


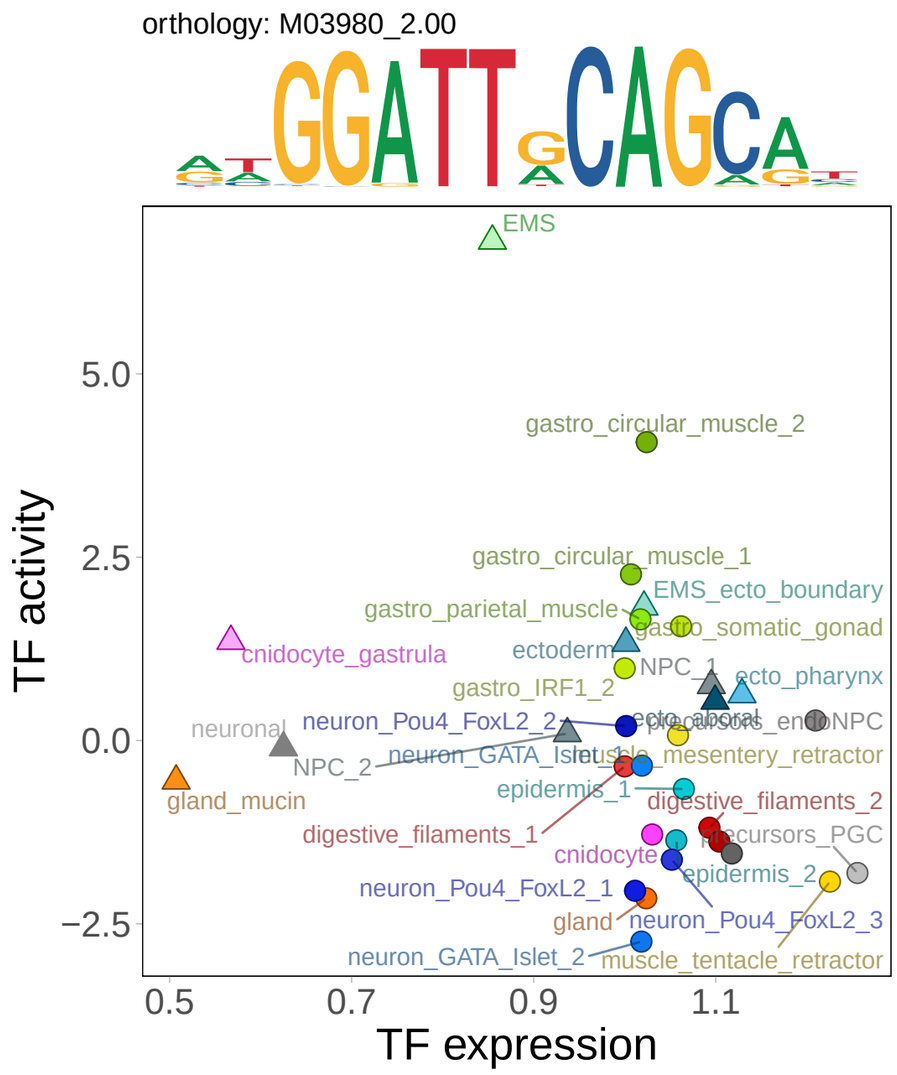
Nvec_vc1.1_XM_001625118.3
OG: HSF.HG1.0:like:HSF1/HSF2/HSF4/HSF5/HSFX1/HSFX2/HSFX3/HSFX4/HSFY1/HSFY2
PFAM: HSF_DNA−bind



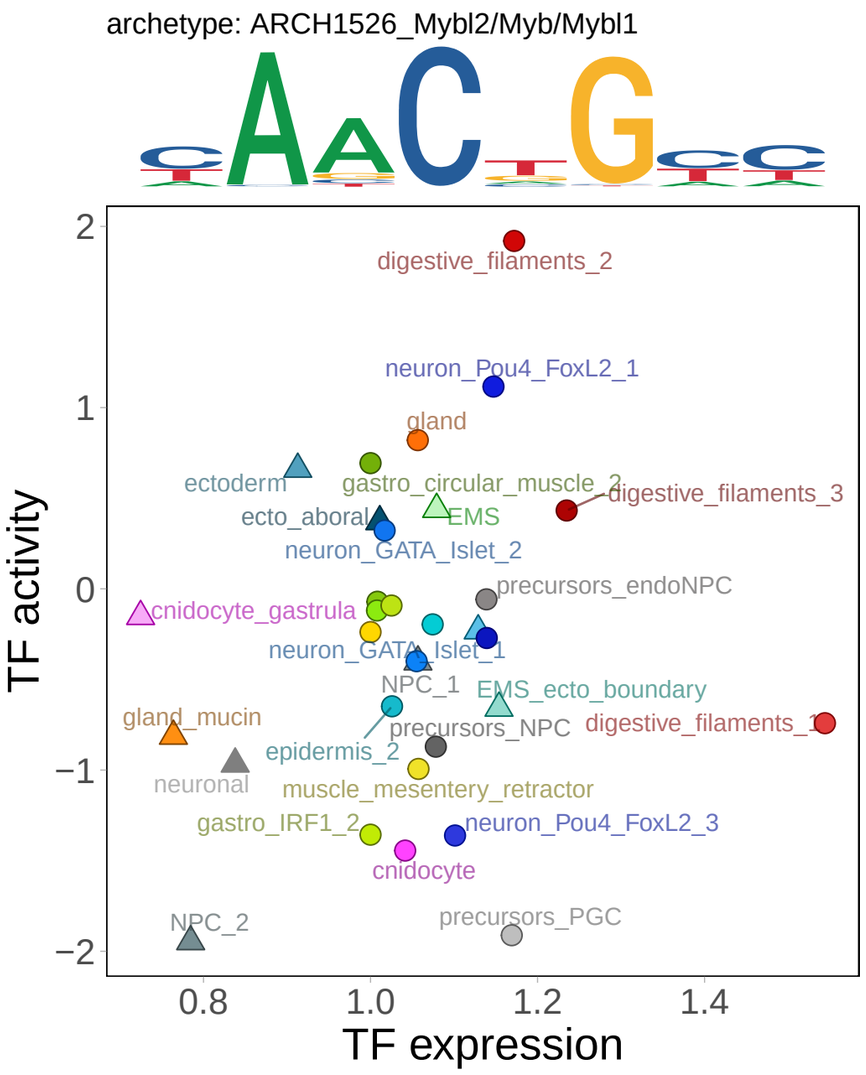


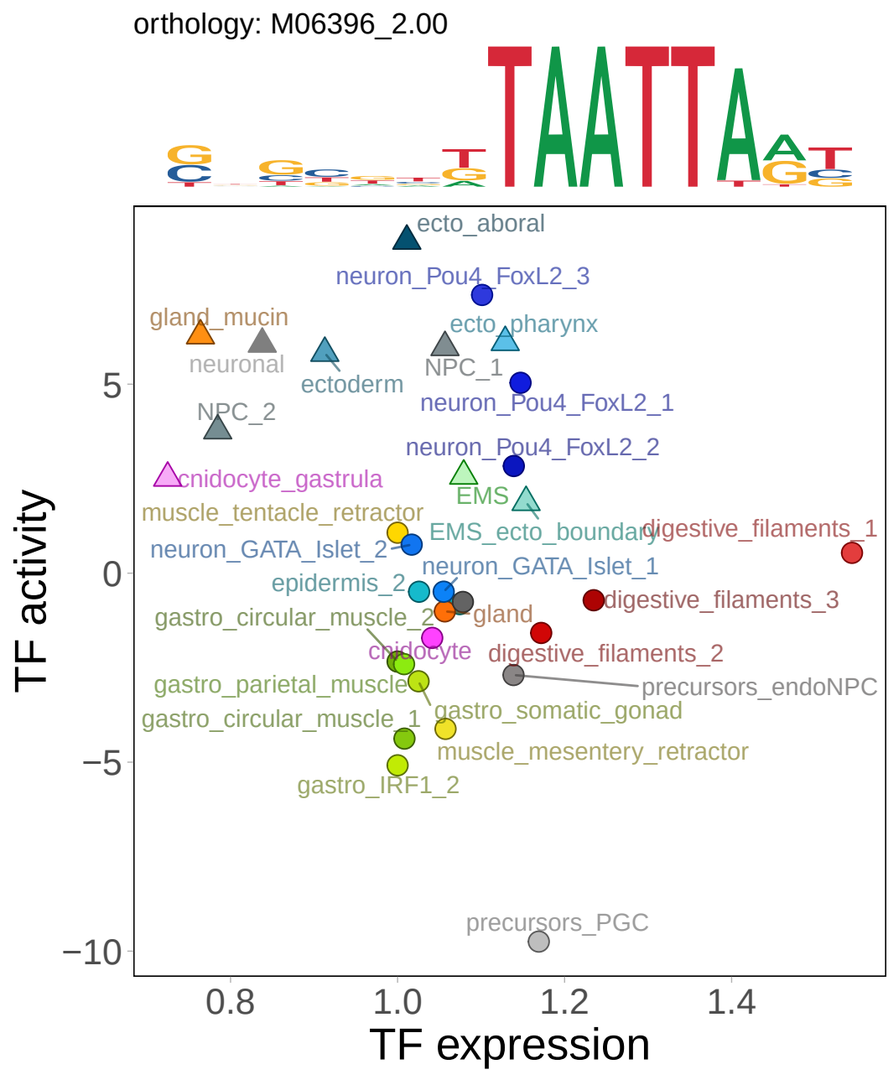
Nvec_vc1.1_XM_001625254.3
OG: HMGbox_Sox.HG1.55:TFAM/UBTFL1
PFAM: HMG_box/HMG_box



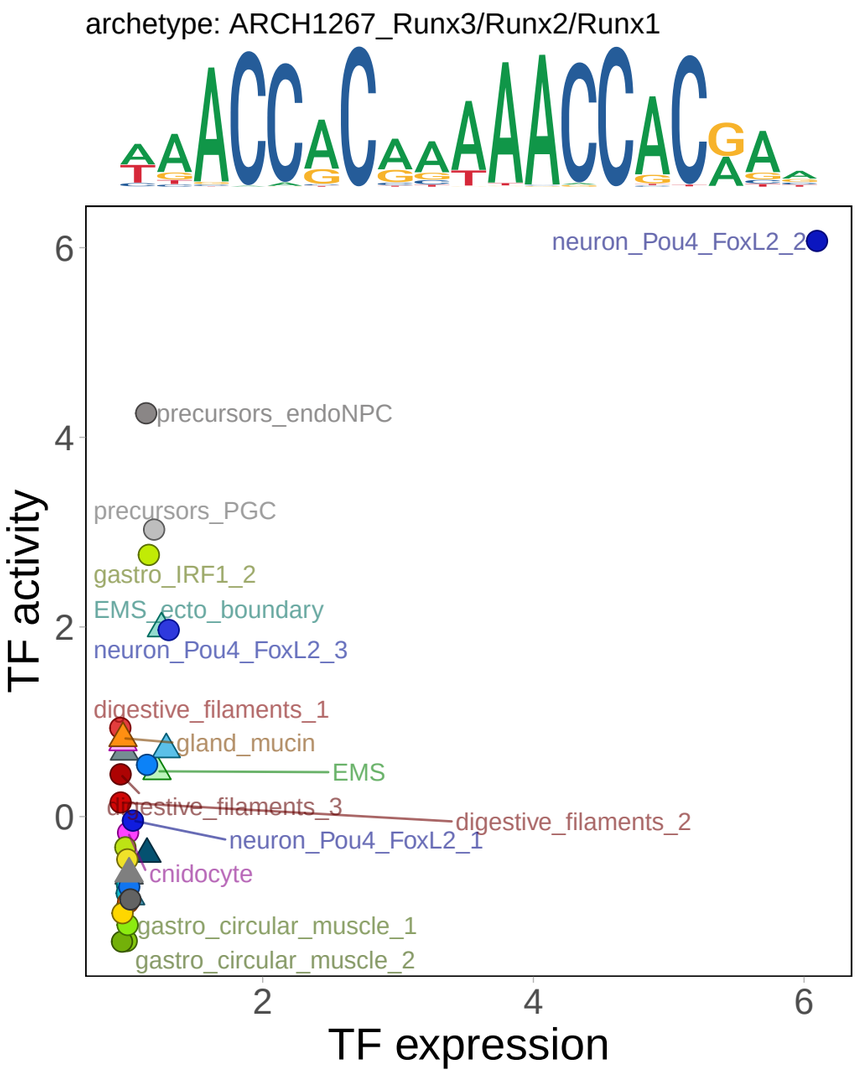


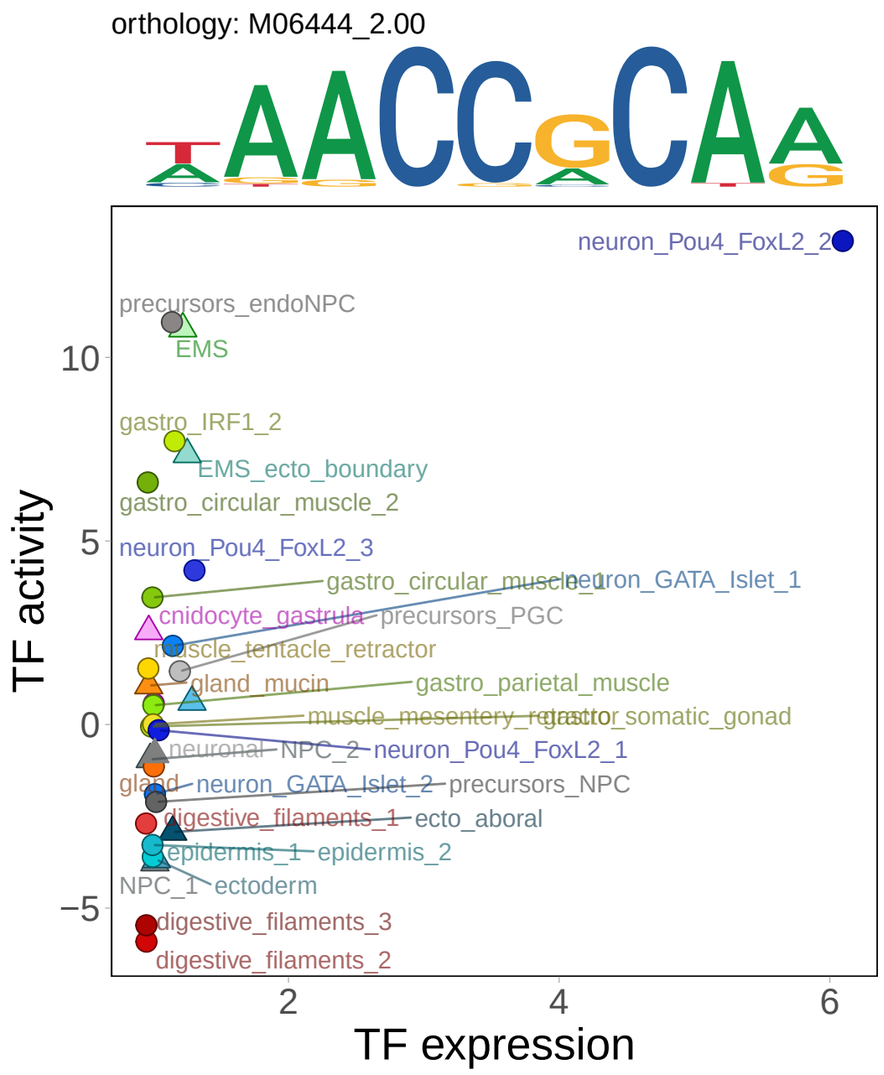
Nvec_vc1.1_XM_001625437.3
OG: Myb.HG2.3:NA
PFAM: MADF_DNA_bdg



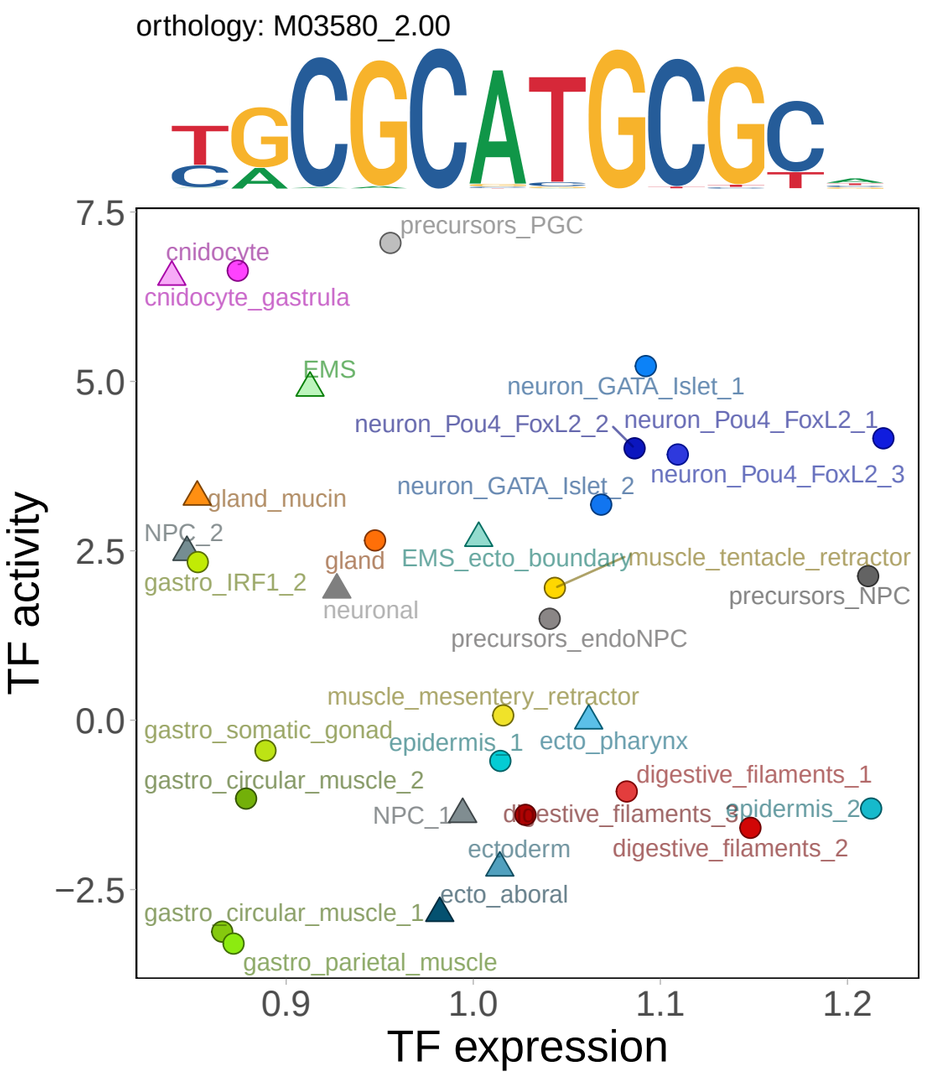


Nvec_vc1.1_XM_001625588.3
OG: Runt_Runx.HG1.0:RUNX1/RUNX2/RUNX3
PFAM: Runt

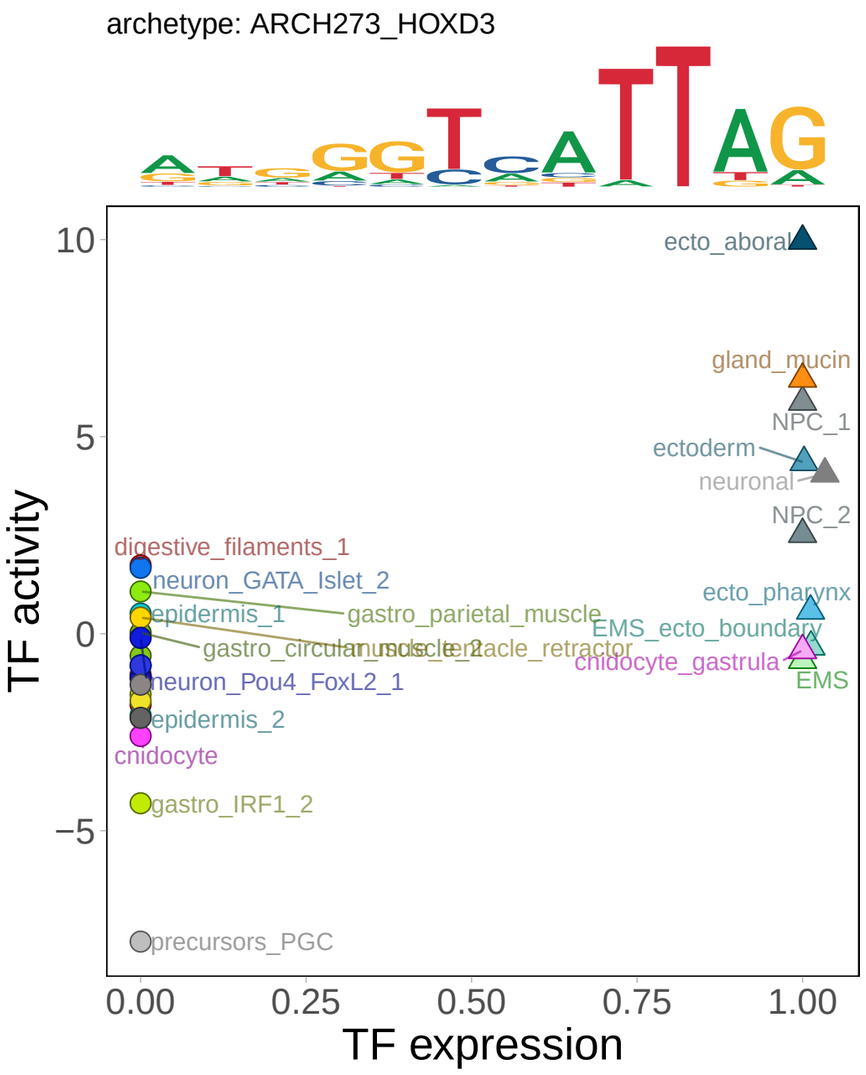


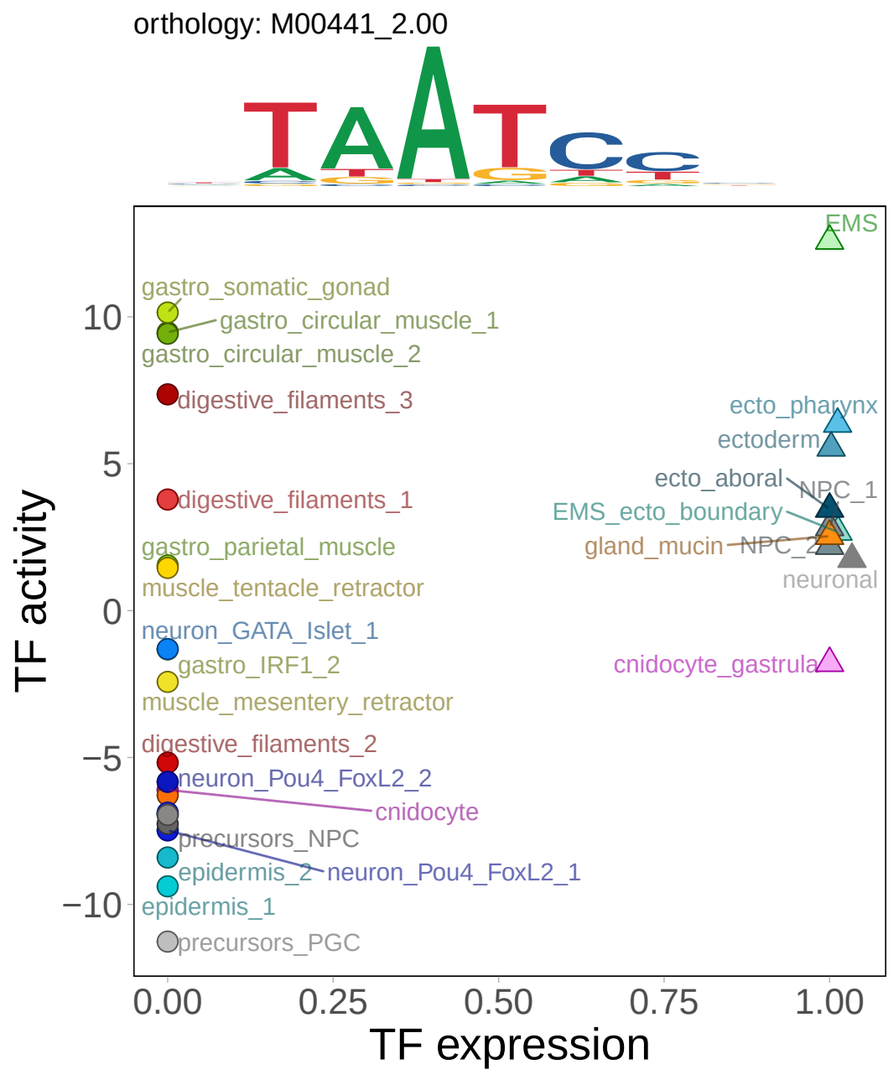


Nvec_vc1.1_XM_001625700.3
OG: NRF1.HG1.2:NRF1
PFAM: Nrf1_DNA−bind/Nrf1_activ_bdg

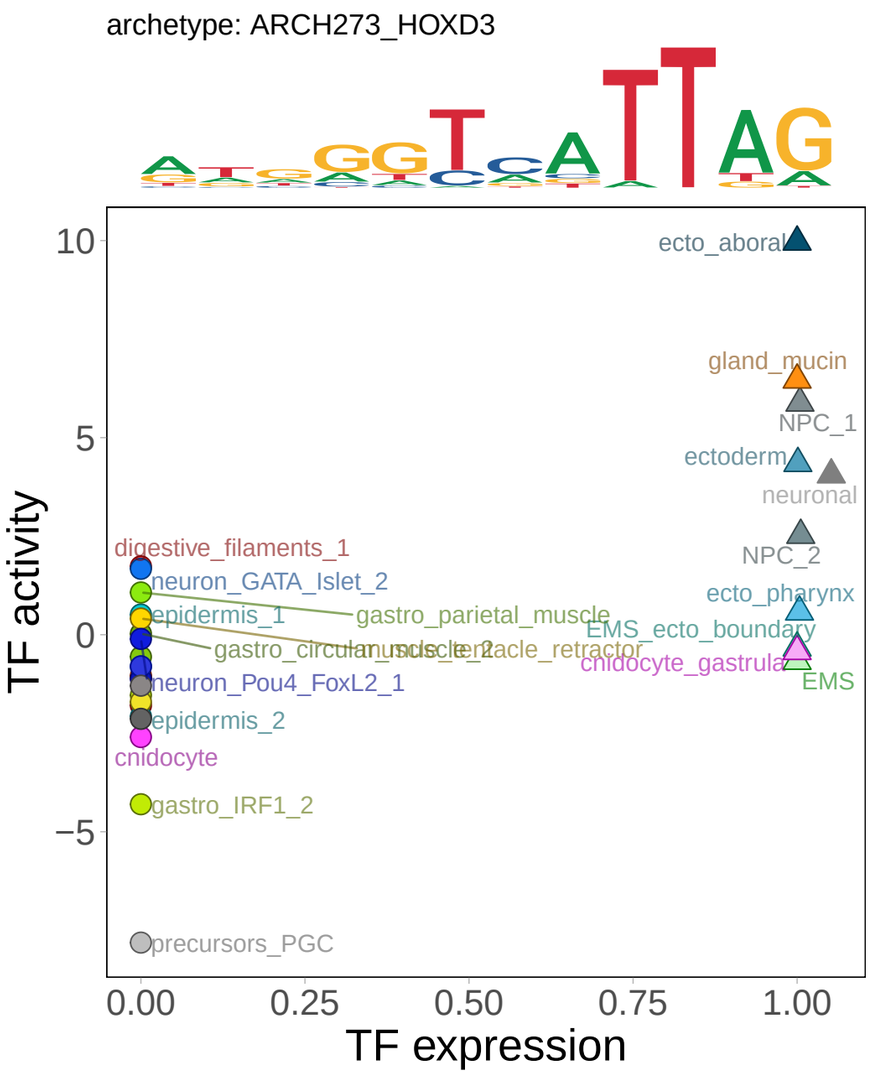


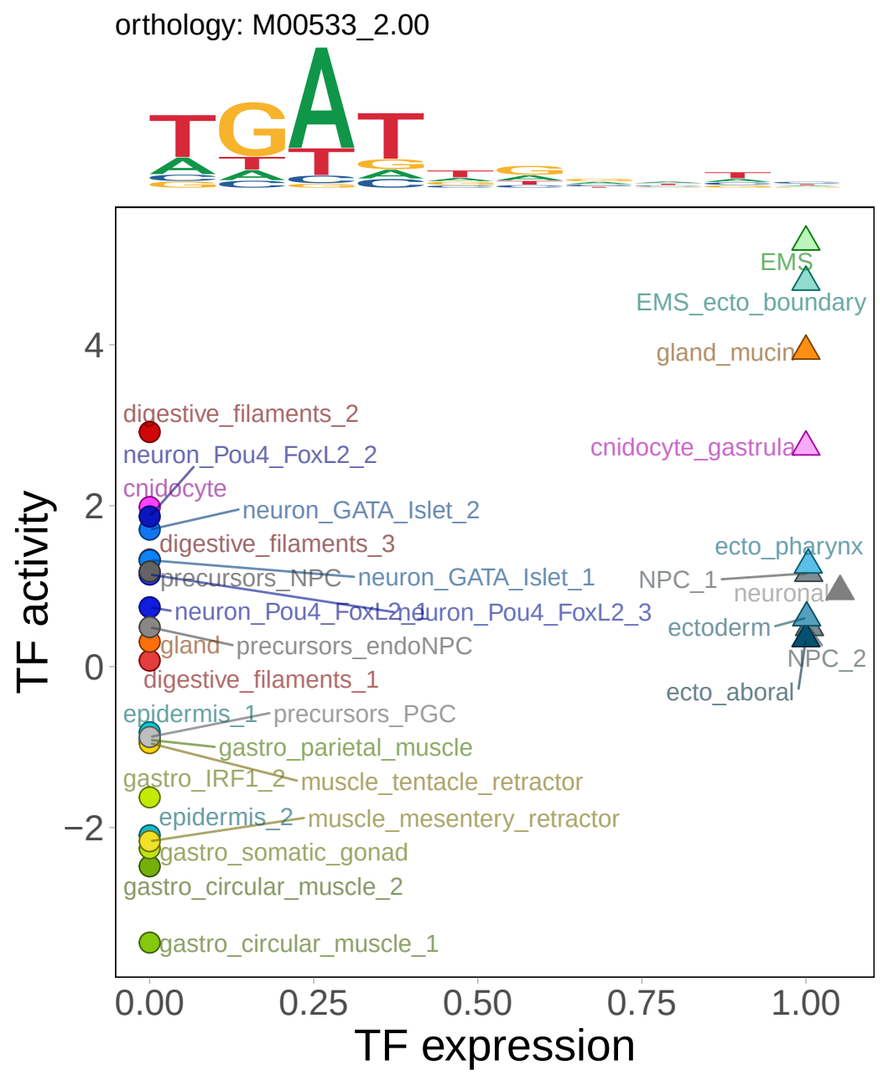
Nvec_vc1.1_XM_001625754.3
OG: Homeodomains.HG2.6:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/CRX/DMBX1/DPRX/D
PFAM: Homeodomain



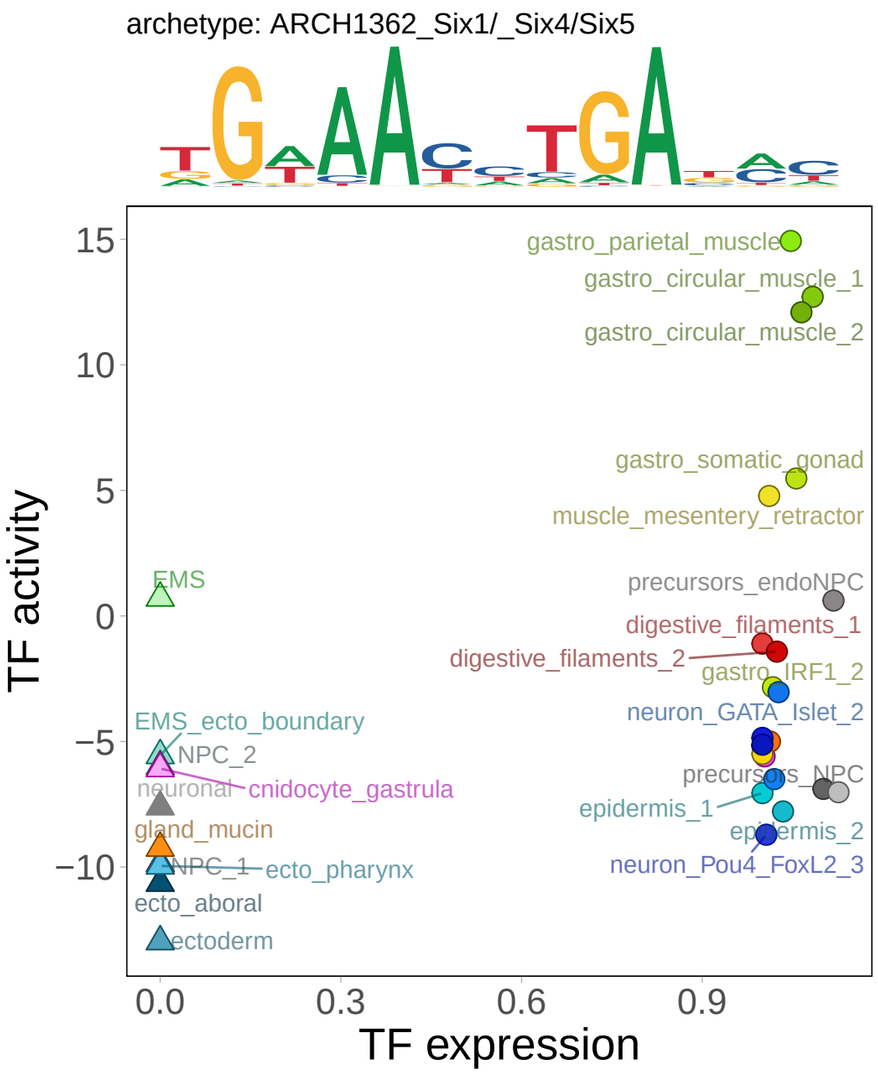


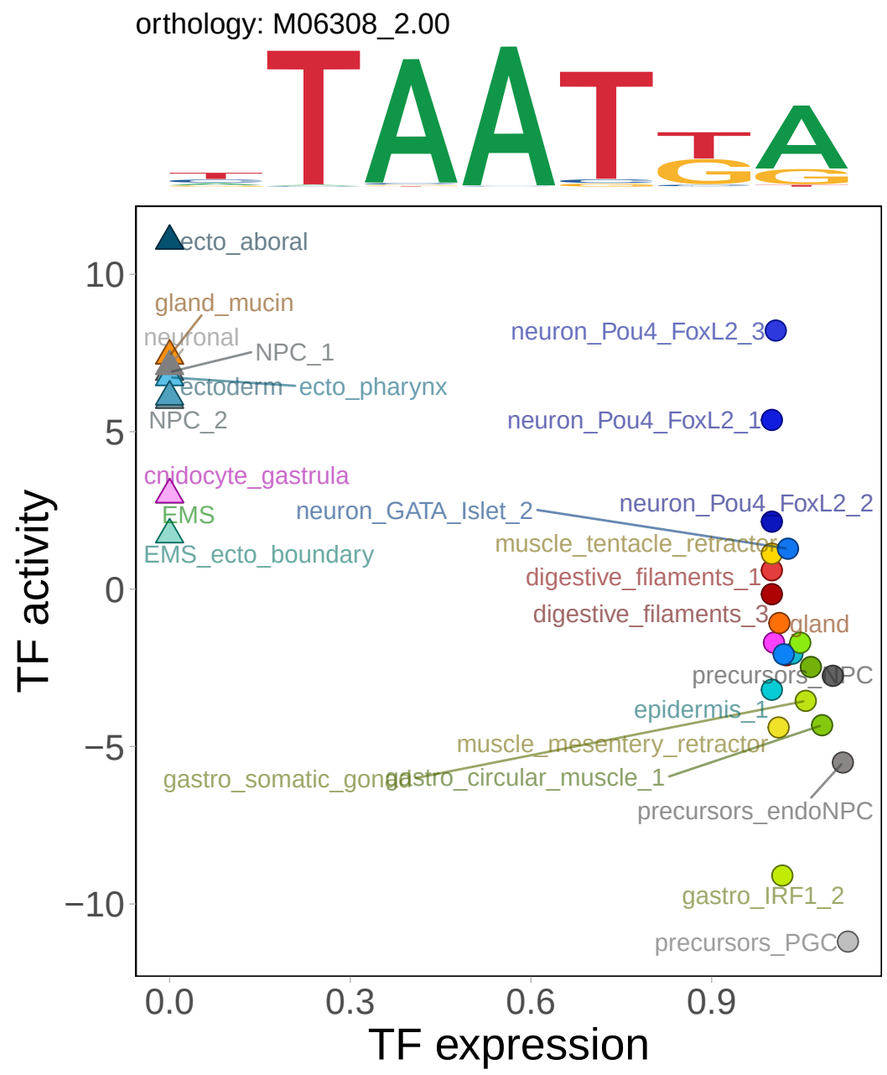
Nvec_vc1.1_XM_001625768.3
OG: Homeodomains.HG1.5:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/BARX2/BSX/CDX1/CD
PFAM: Homeodomain



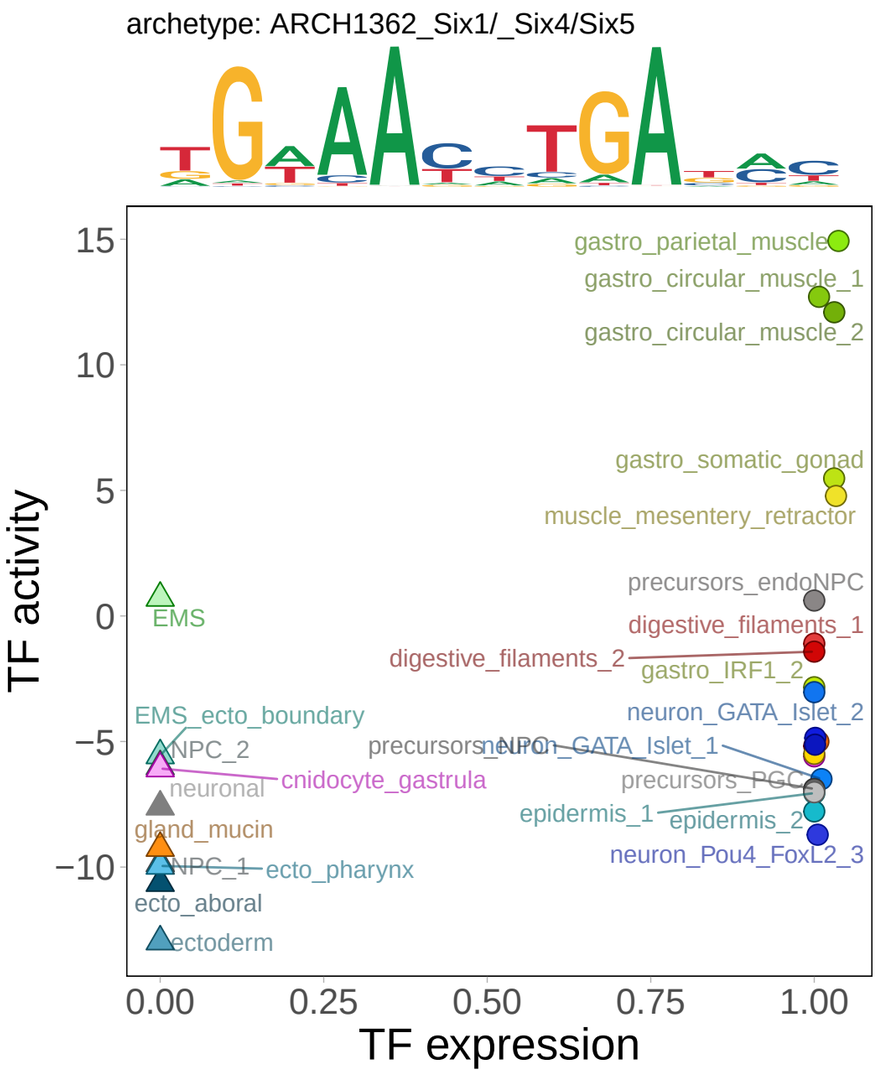


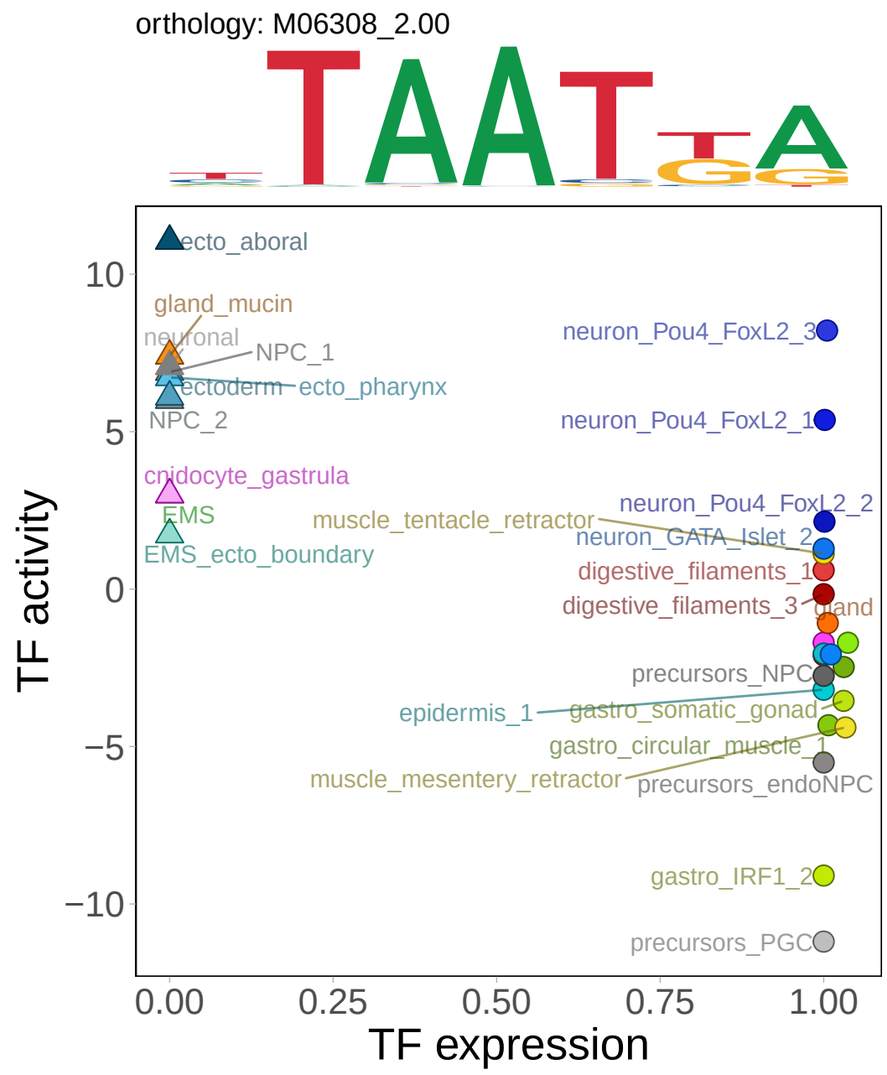
Nvec_vc1.1_XM_001625898.3
OG: Homeodomains.HG1.62:like:MEOX1/MEOX2
PFAM: Homeodomain



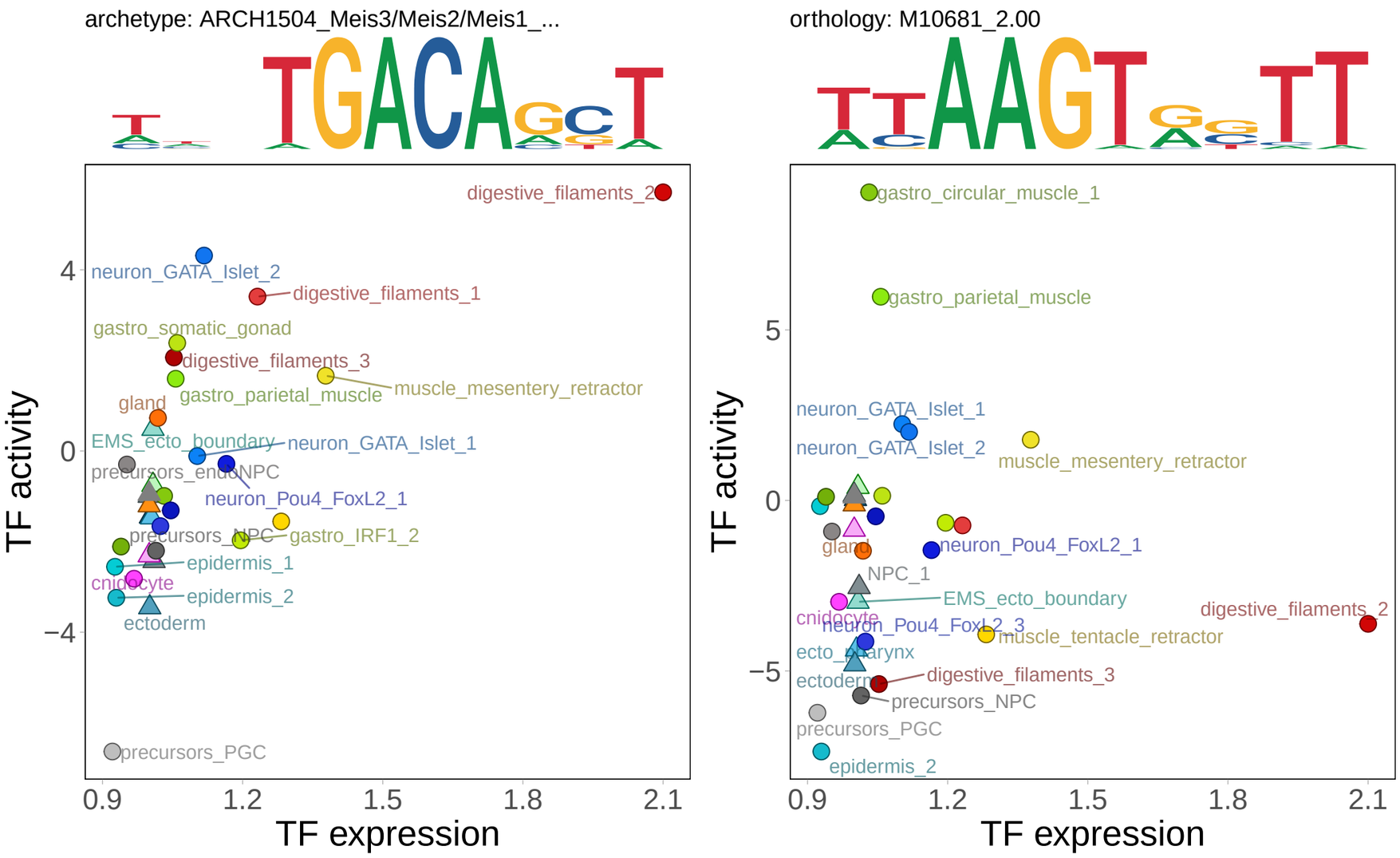


Nvec_vc1.1_XM_001625899.3
OG: Homeodomains.HG1.65:like:MEOX1/MEOX2
PFAM: Homeodomain

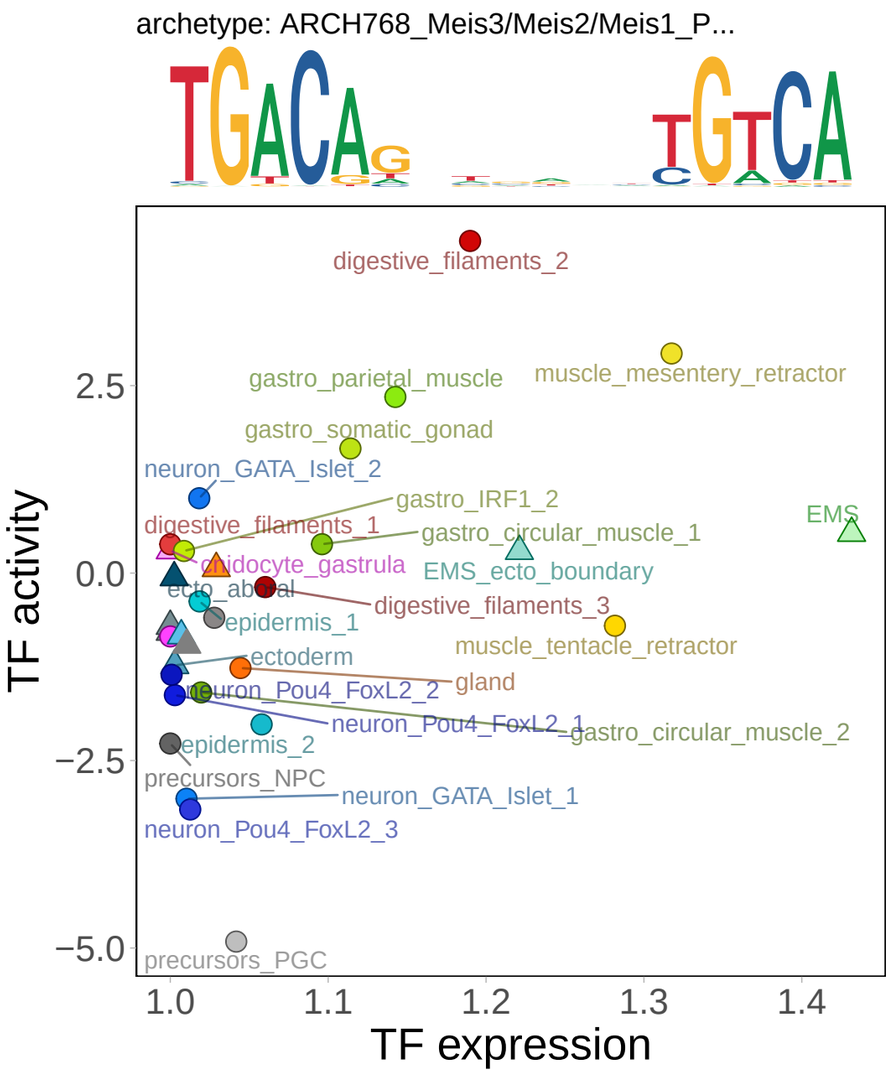


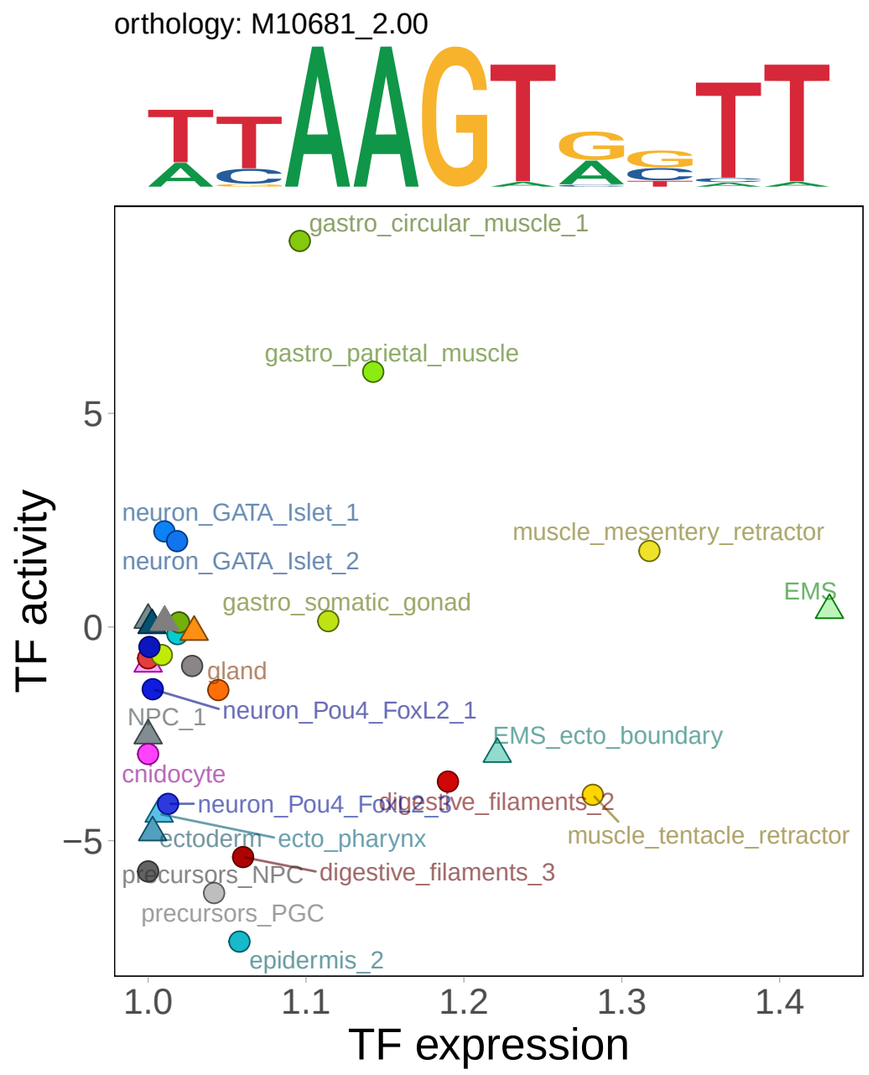


Nvec_vc1.1_XM_001625997.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NKX2−8/NKX3−1/NKX
PFAM: Homeodomain

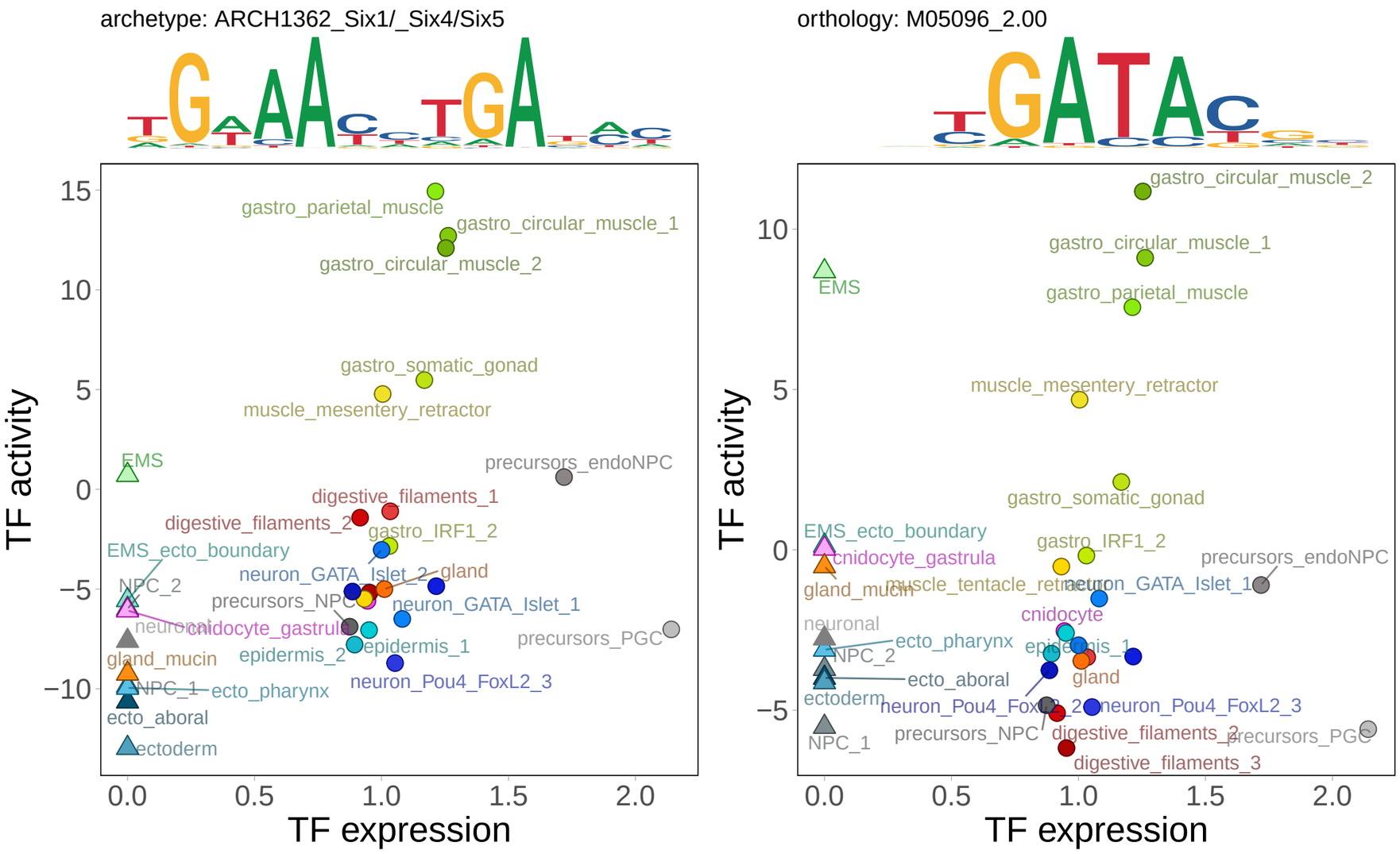


Nvec_vc1.1_XM_001625998.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NKX2−8/NKX3−1/NKX
PFAM: Homeodomain



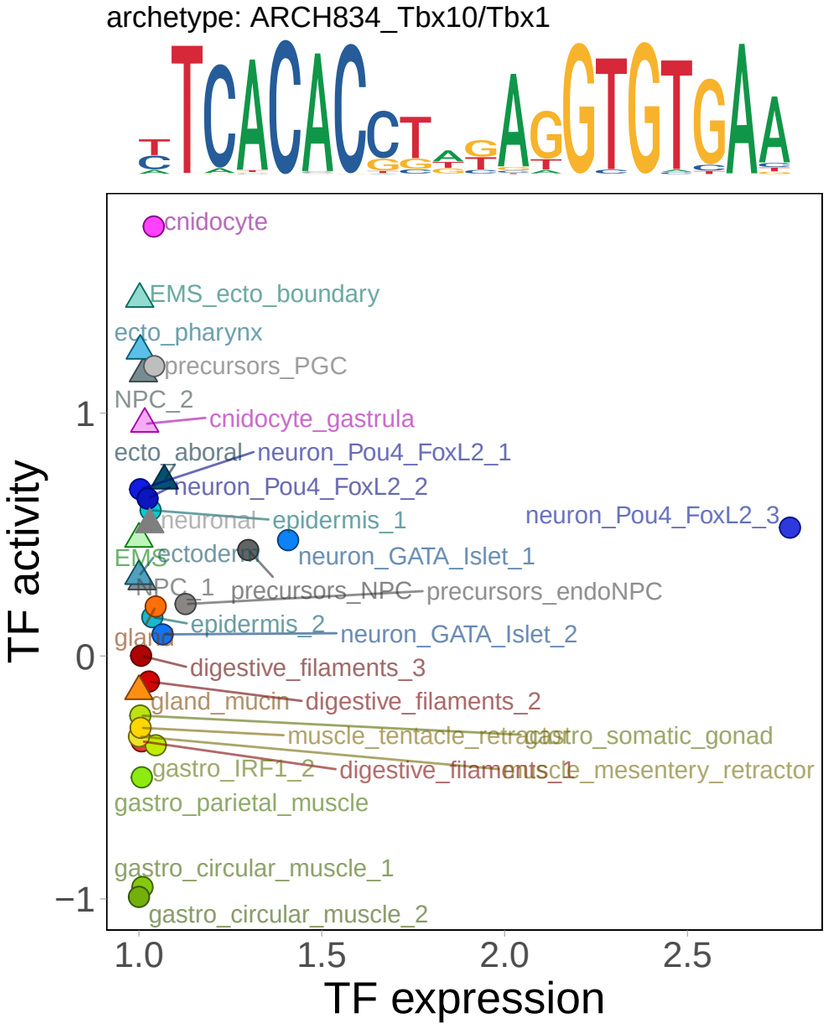


Nvec_vc1.1_XM_001626384.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain

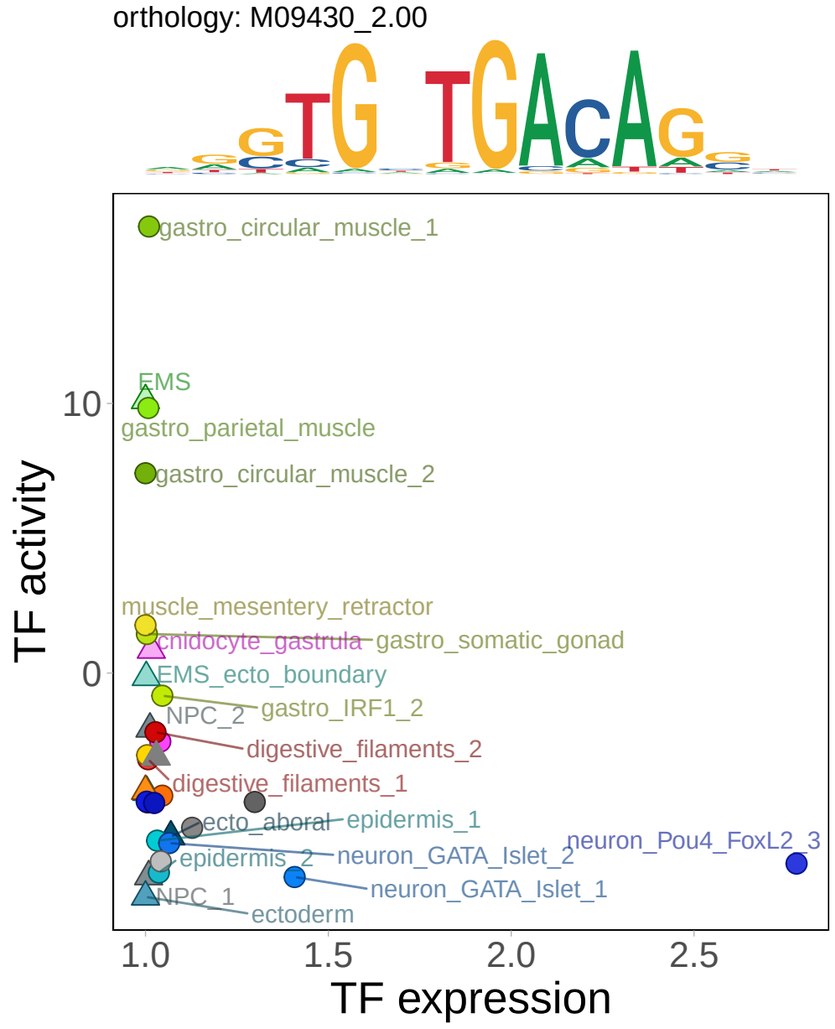


Nvec_vc1.1_XM_001626717.3
OG: T−box.HG1.4:like:EOMES/TBR1/TBX19/TBX21/TBXT
PFAM: T−box

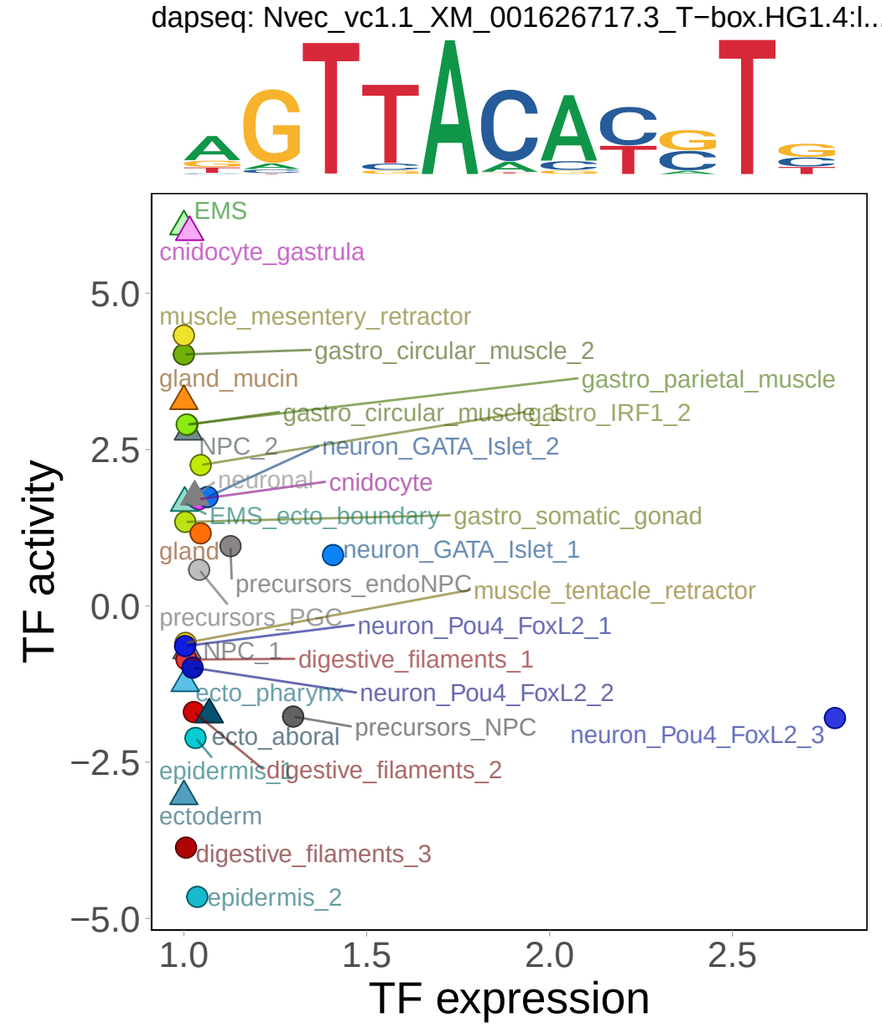
archetype: ARCH834_Tbx10/Tbx1



orthology: M09430_2.00



dapseq: Nvec_vc1.1_XM_001626717.3_T−box.HG1.4:l...



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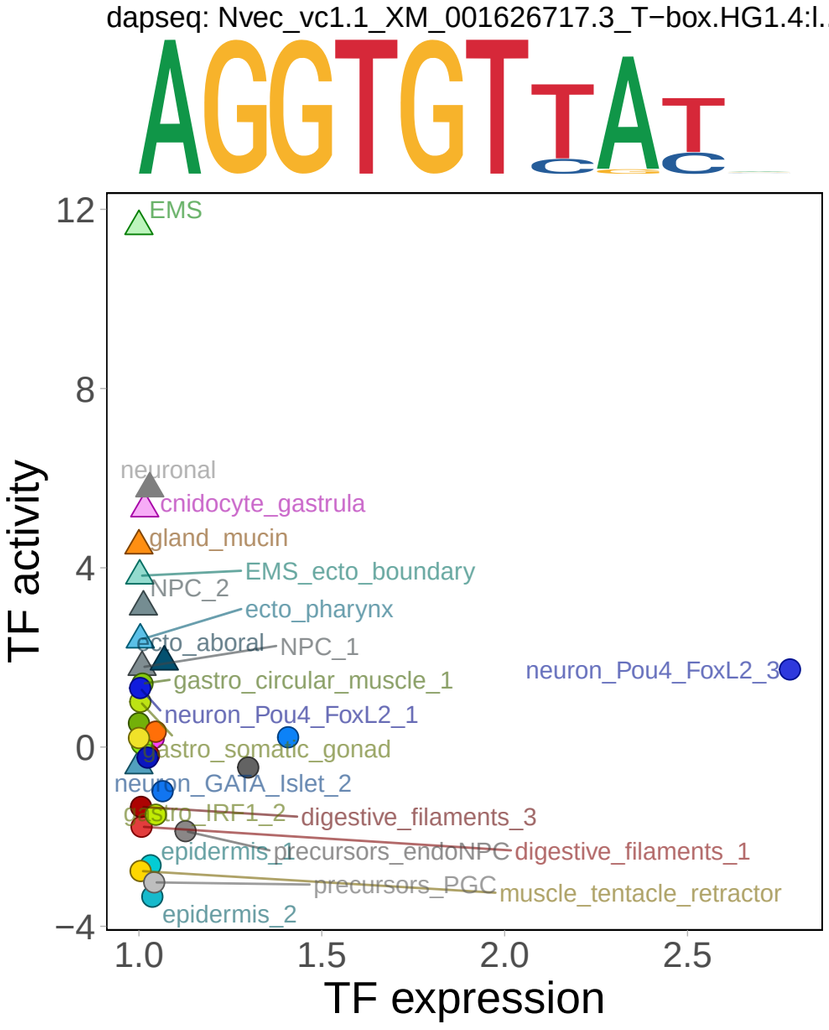
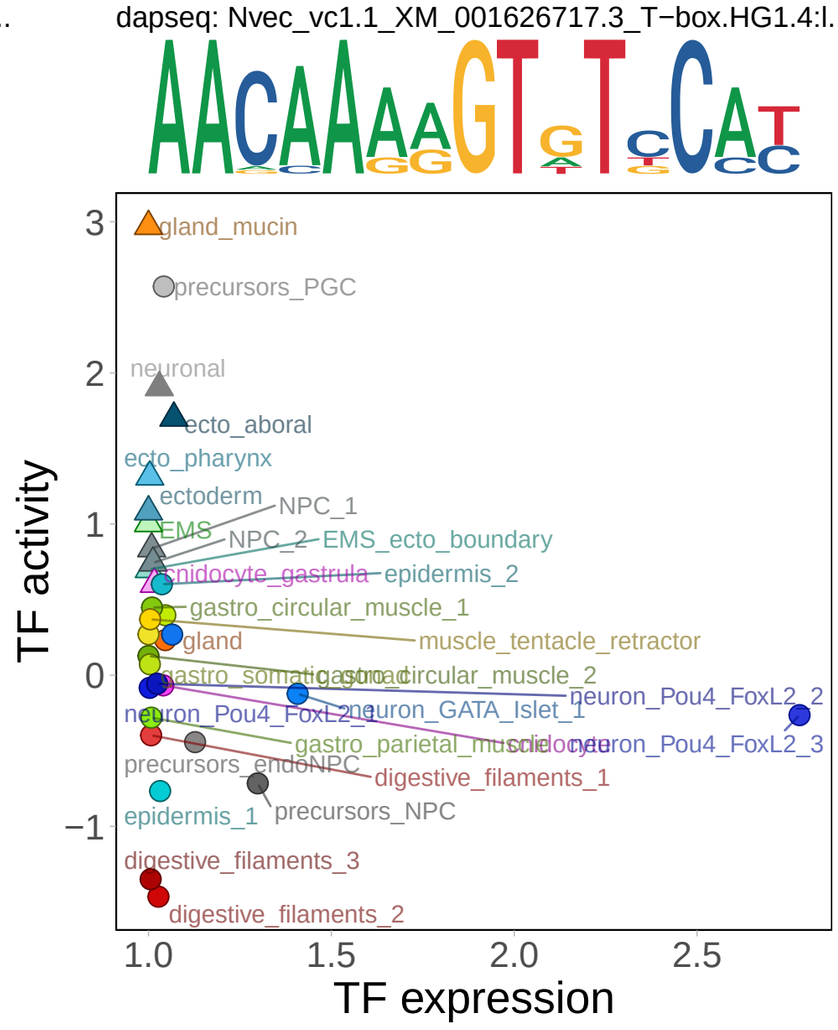
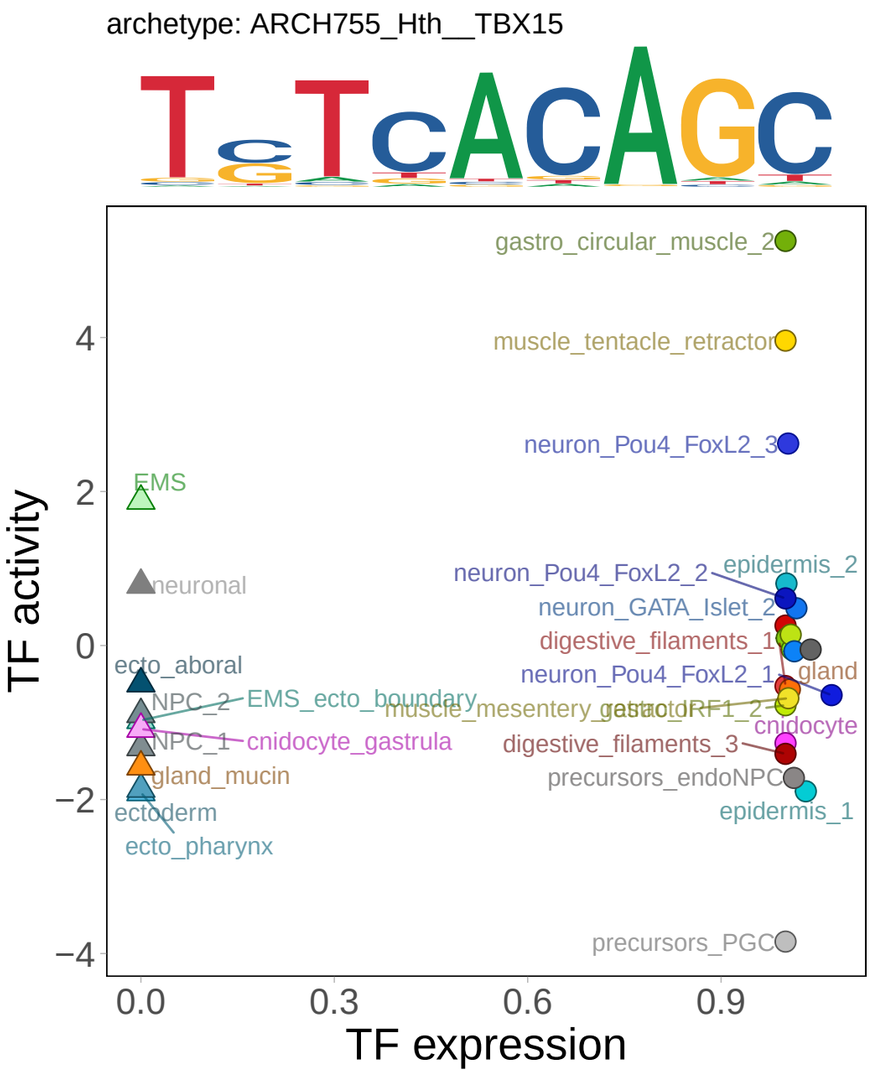
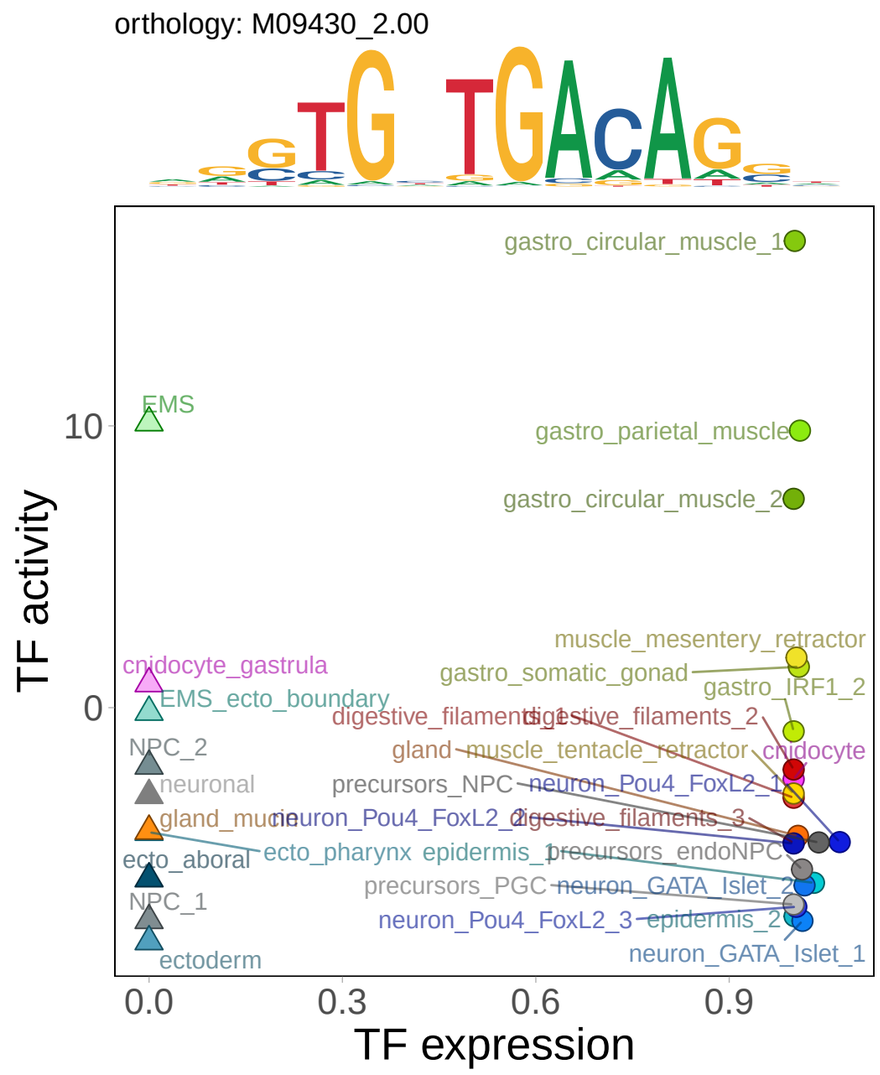


dapseq: Nvec_vc1.1_XM_001626717.3_T−box.HG1.4:l...



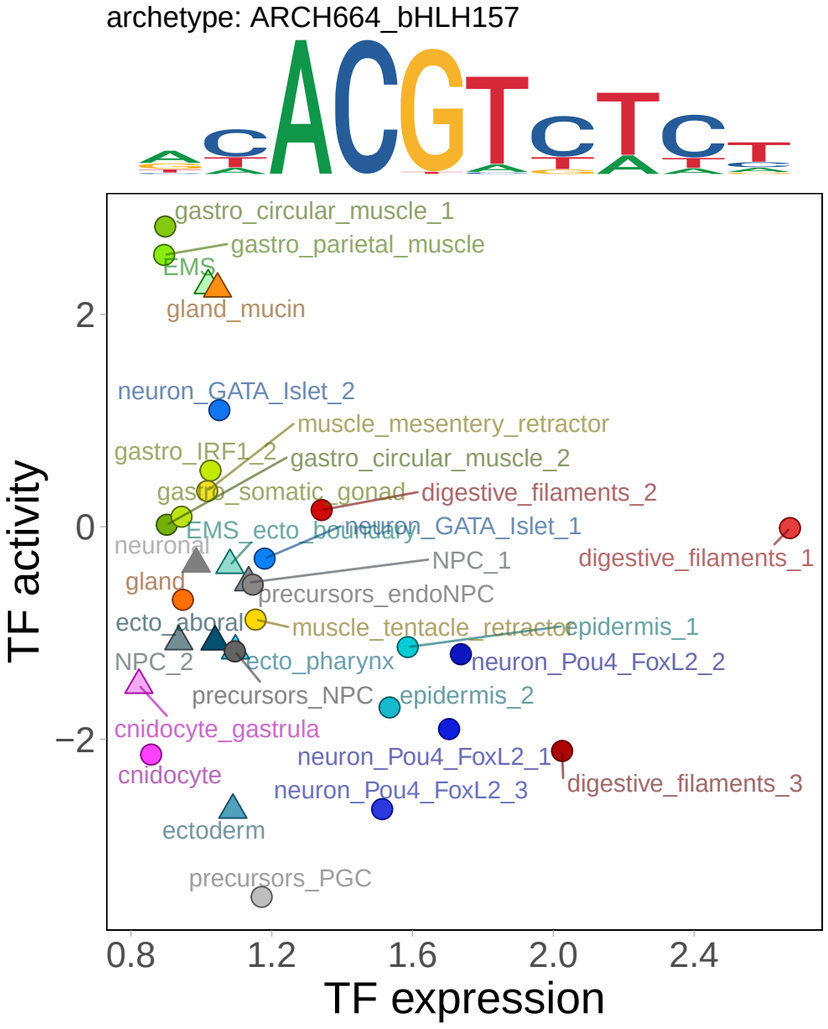
Nvec_vc1.1_XM_001626820.3
OG: T−box.HG1.2:like:MGA/TBX1/TBX2/TBX3/TBX4/TBX5/TBX6/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box



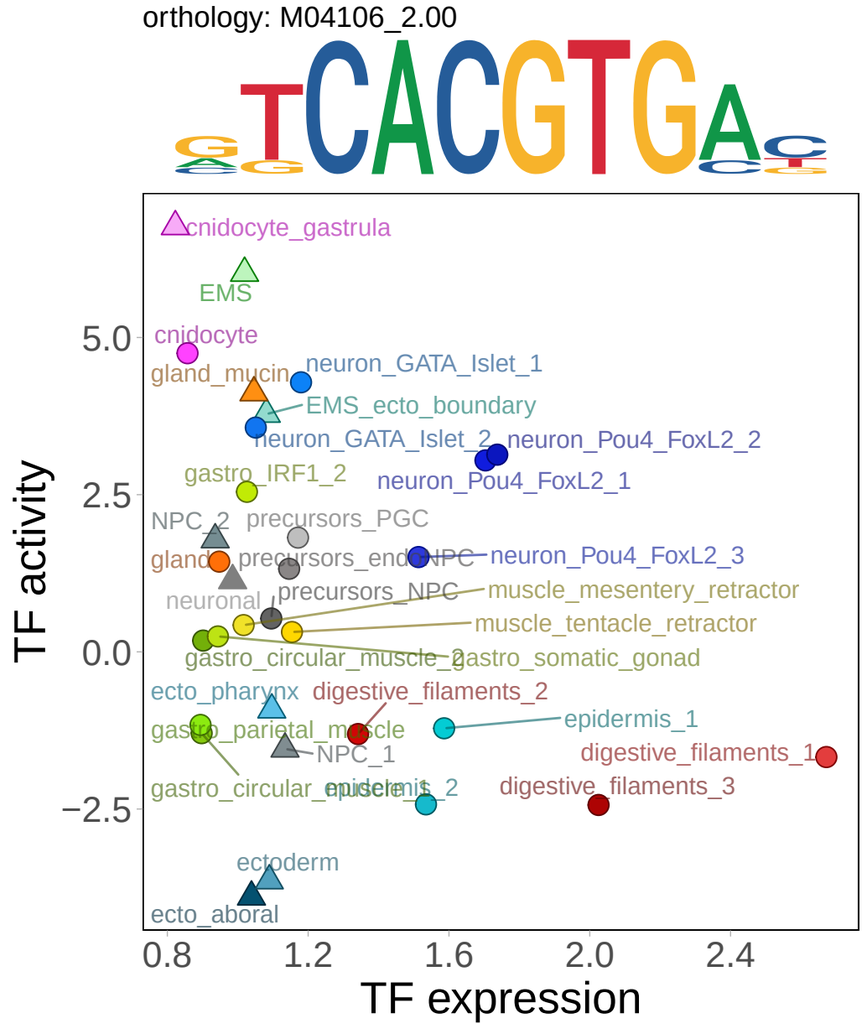


Nvec_vc1.1_XM_001627049.3
OG: HLH.HG1.19:HELT
PFAM: HLH/Hairy_orange

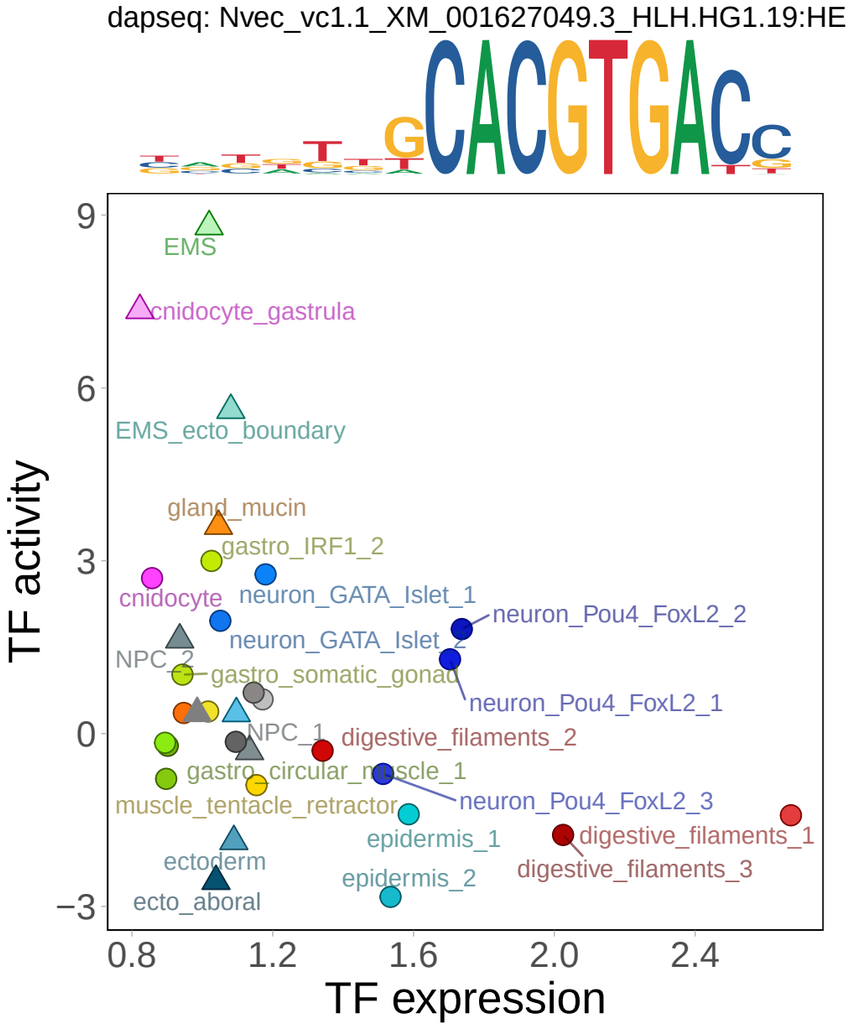
archetype: ARCH664_bHLH157



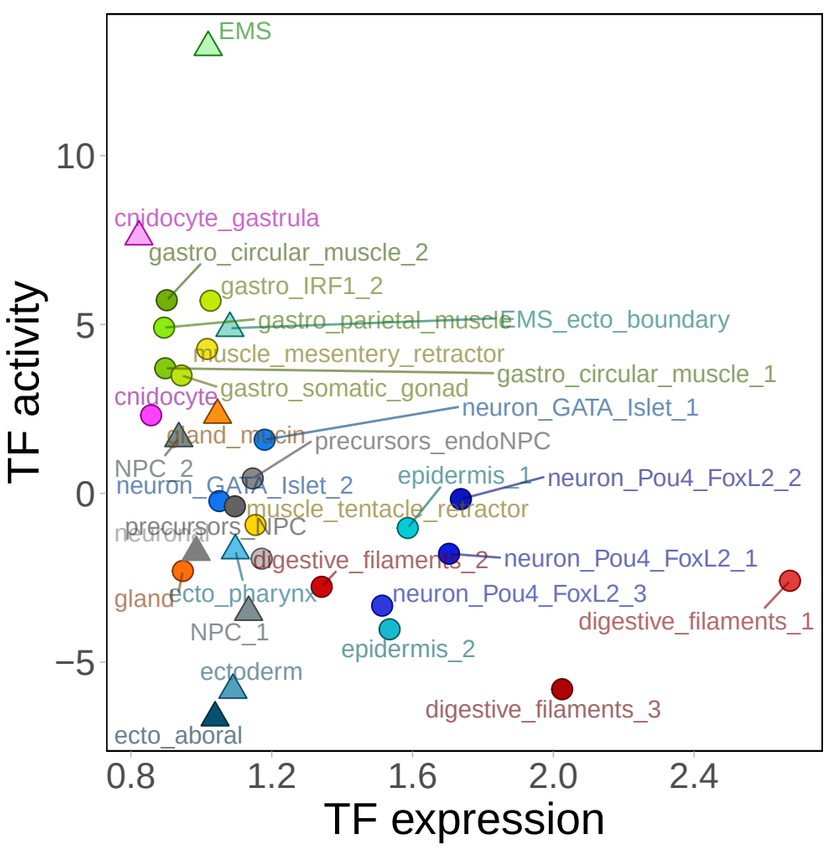
orthology: M04106_2.00



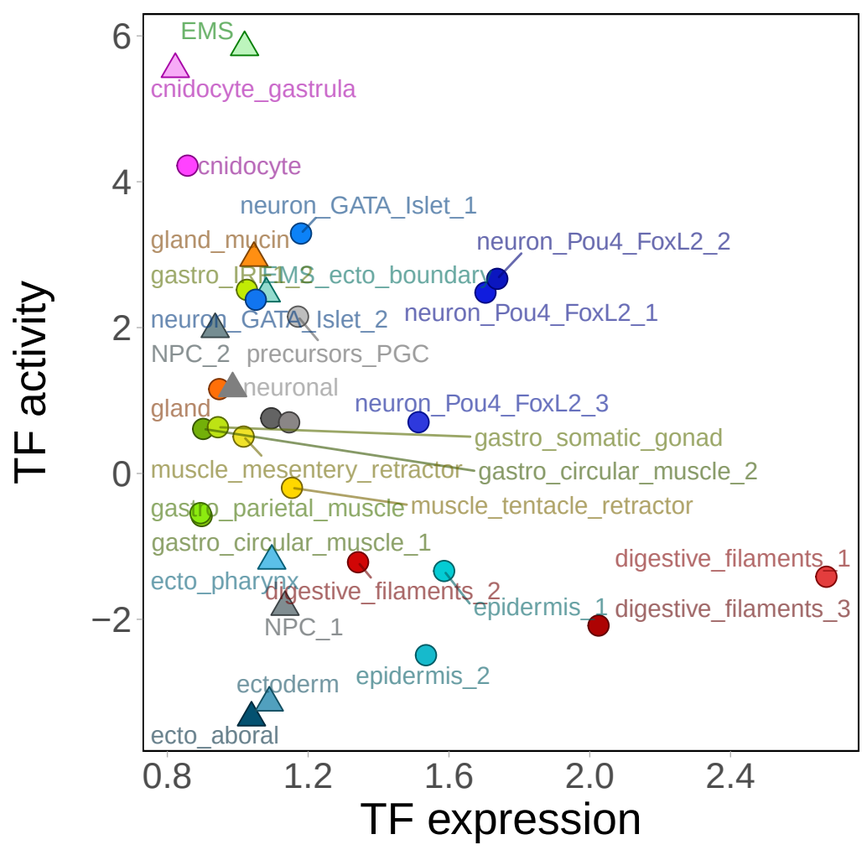
dapseq: Nvec_vc1.1_XM_001627049.3_HLH.HG1.19:HE



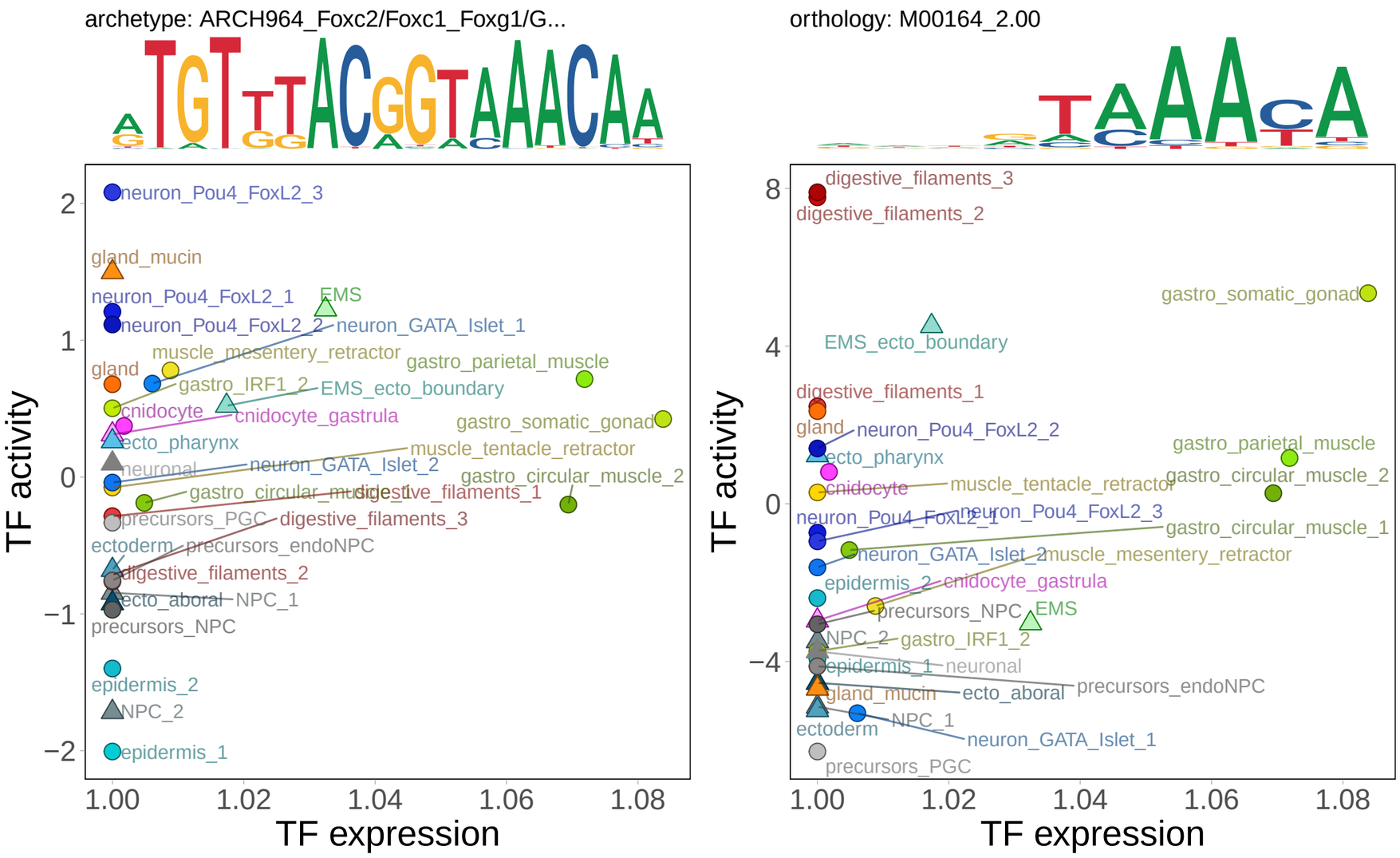
dapseq: Nvec_vc1.1_XM_001627049.3_HLH.HG1.19:HE...



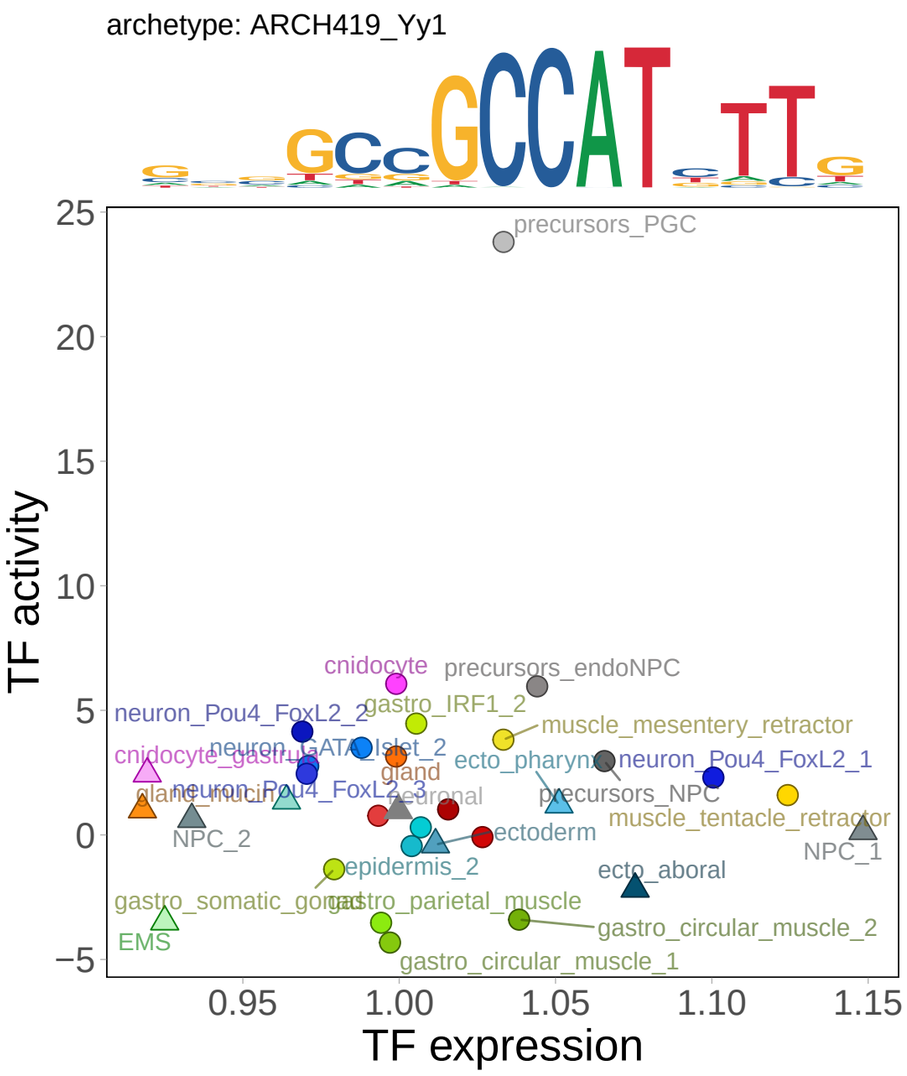
dapseq: Nvec_vc1.1_XM_001627049.3_HLH.HG1.19:HE...



Nvec_vc1.1_XM_001627072.3
OG: Forkhead.HG1.17:like:FOXI1/FOXI2/FOXI3/FOXL3
PFAM: Forkhead

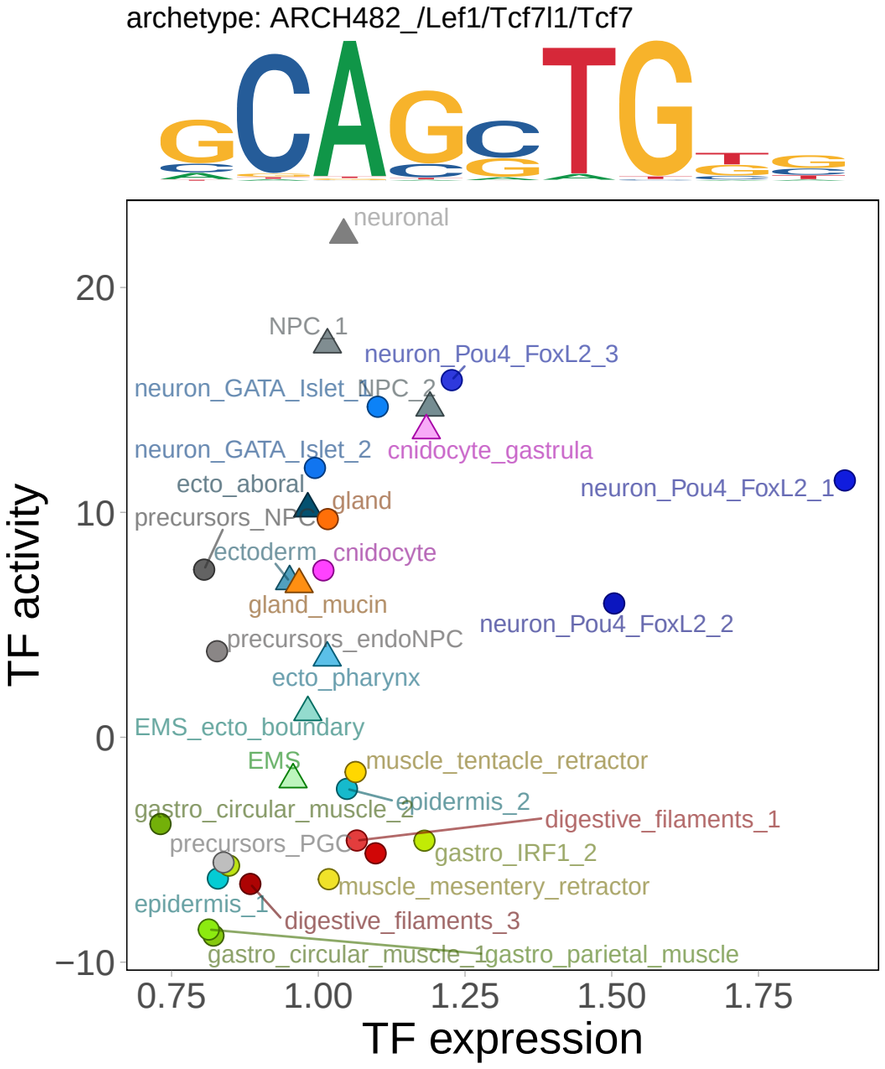


Nvec_vc1.1_XM_001627361.3
OG: zf−C2H2.HG74.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

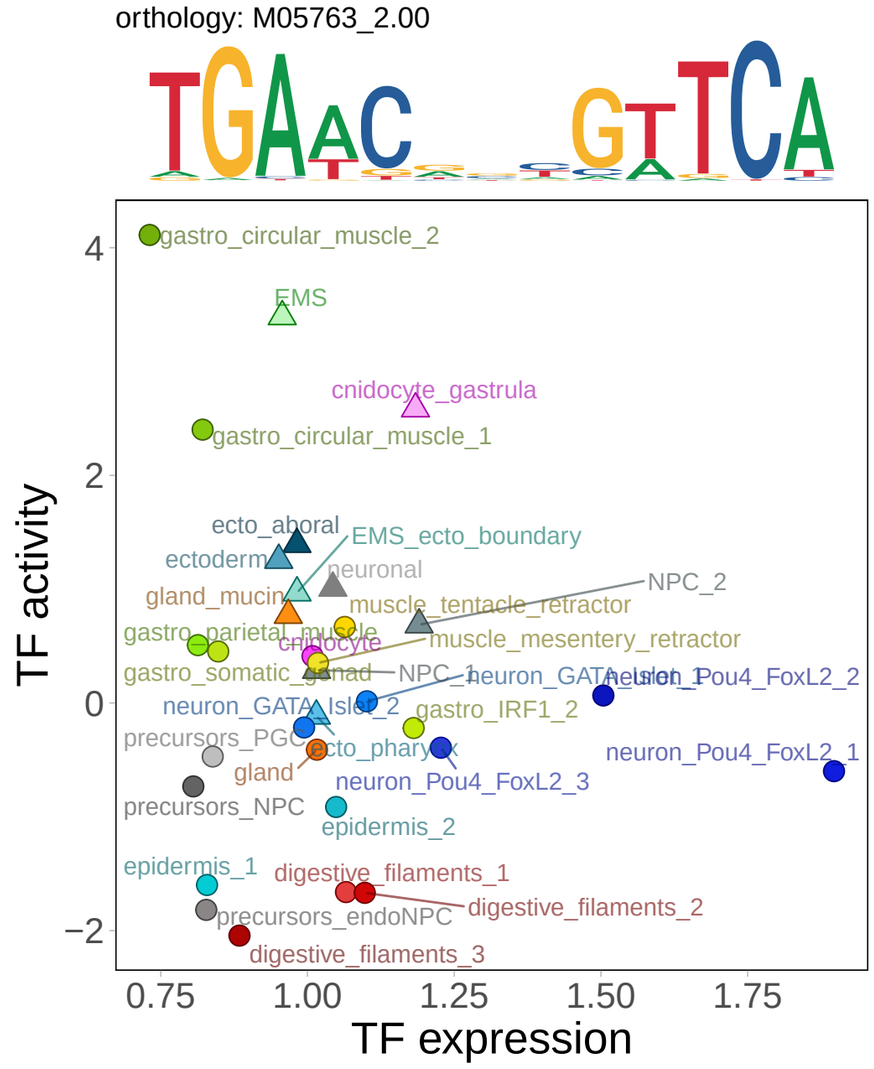


Nvec_vc1.1_XM_001627423.3
OG: HMGbox_Sox.HG1.10:BBX
PFAM: HMG_box

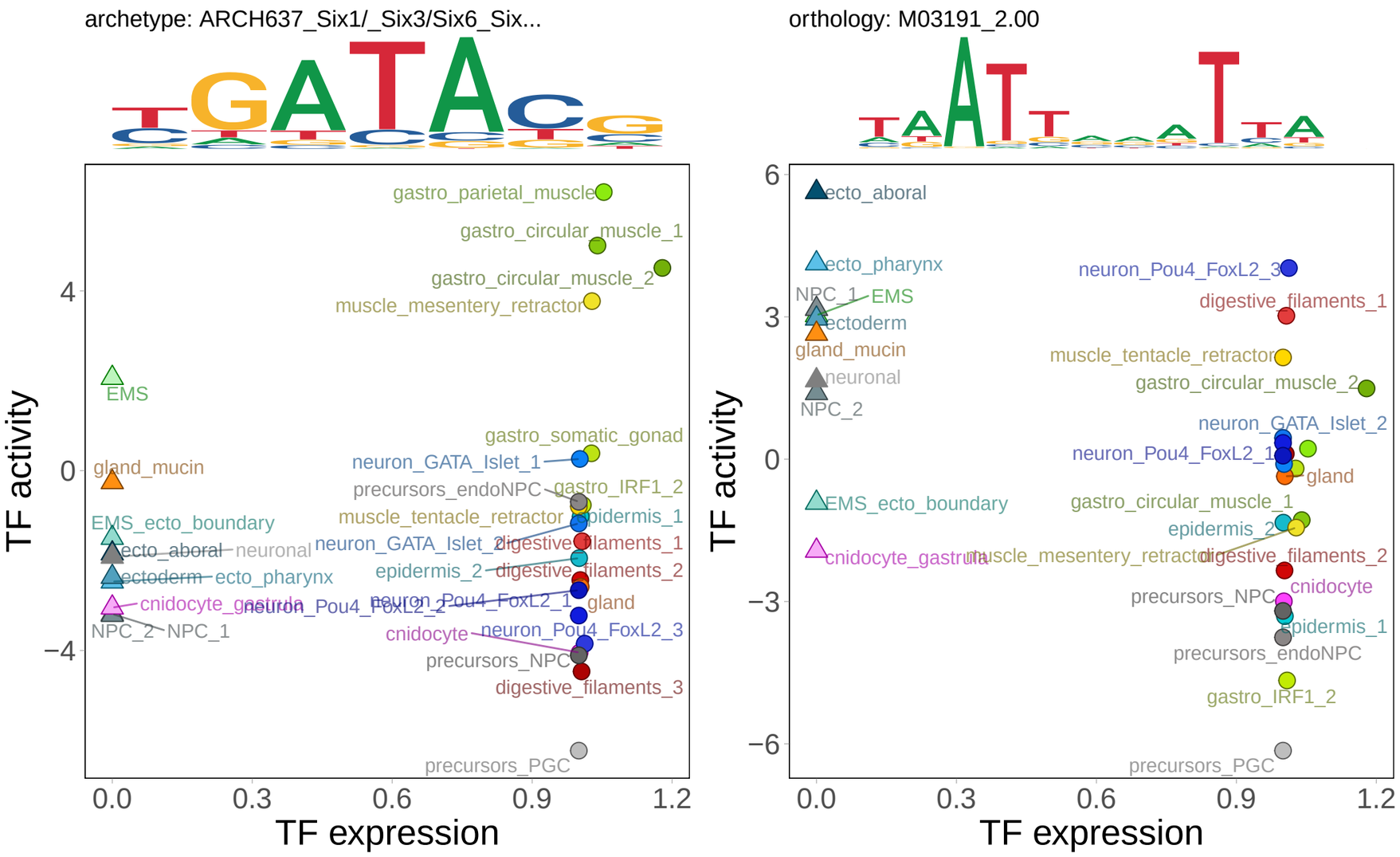
archetype: ARCH482_/Lef1/Tcf7l1/Tcf7



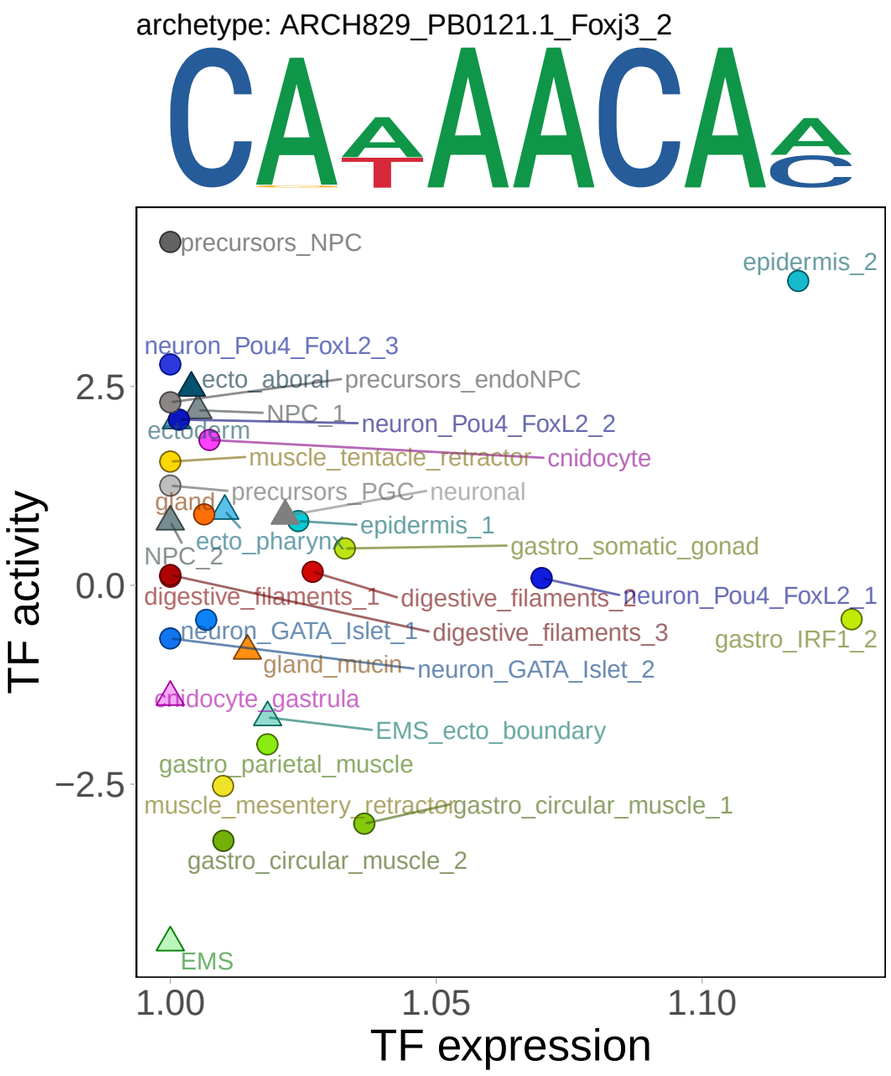
orthology: M05763_2.00

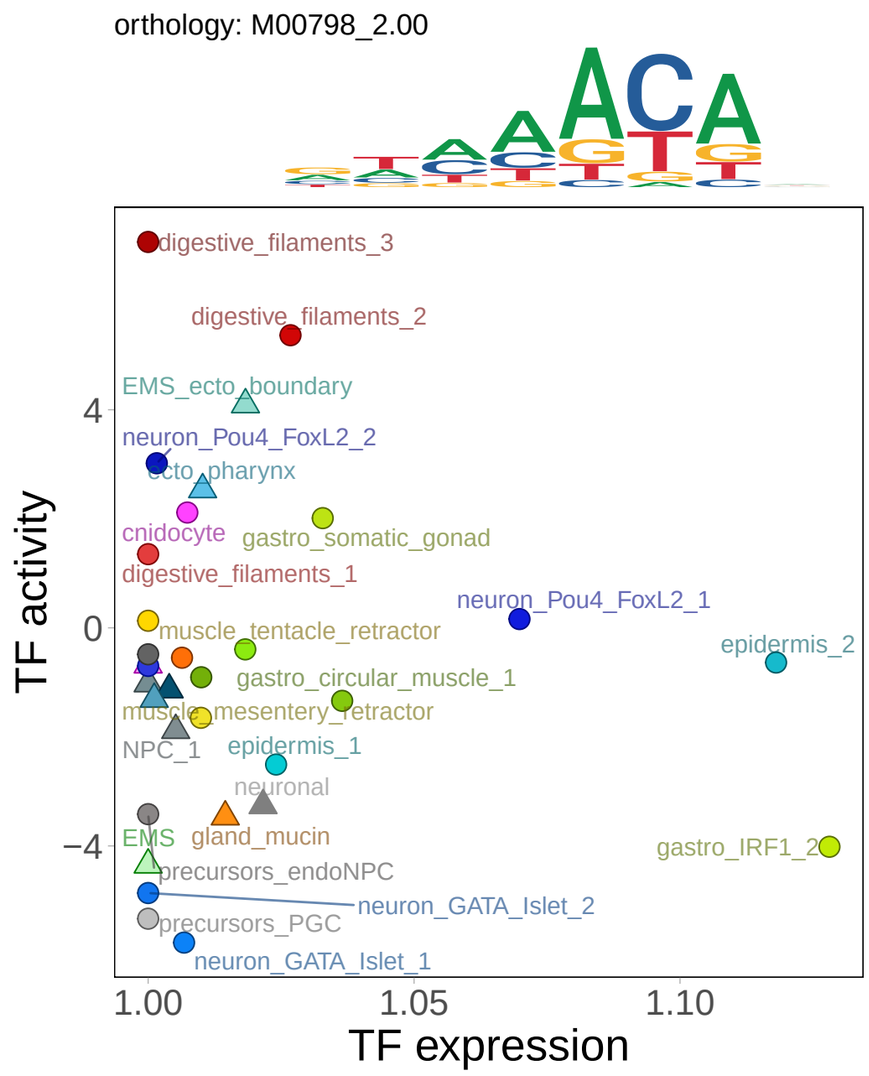


Nvec_vc1.1_XM_001627544.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain

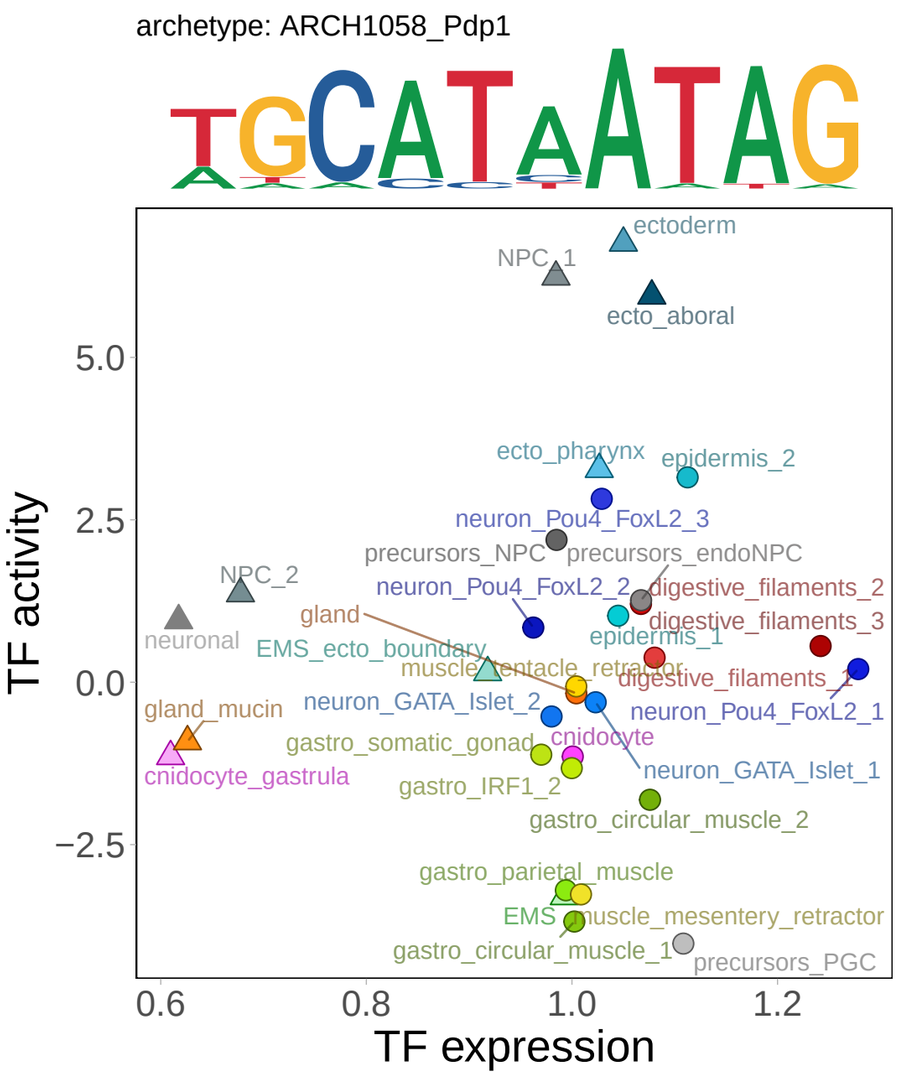


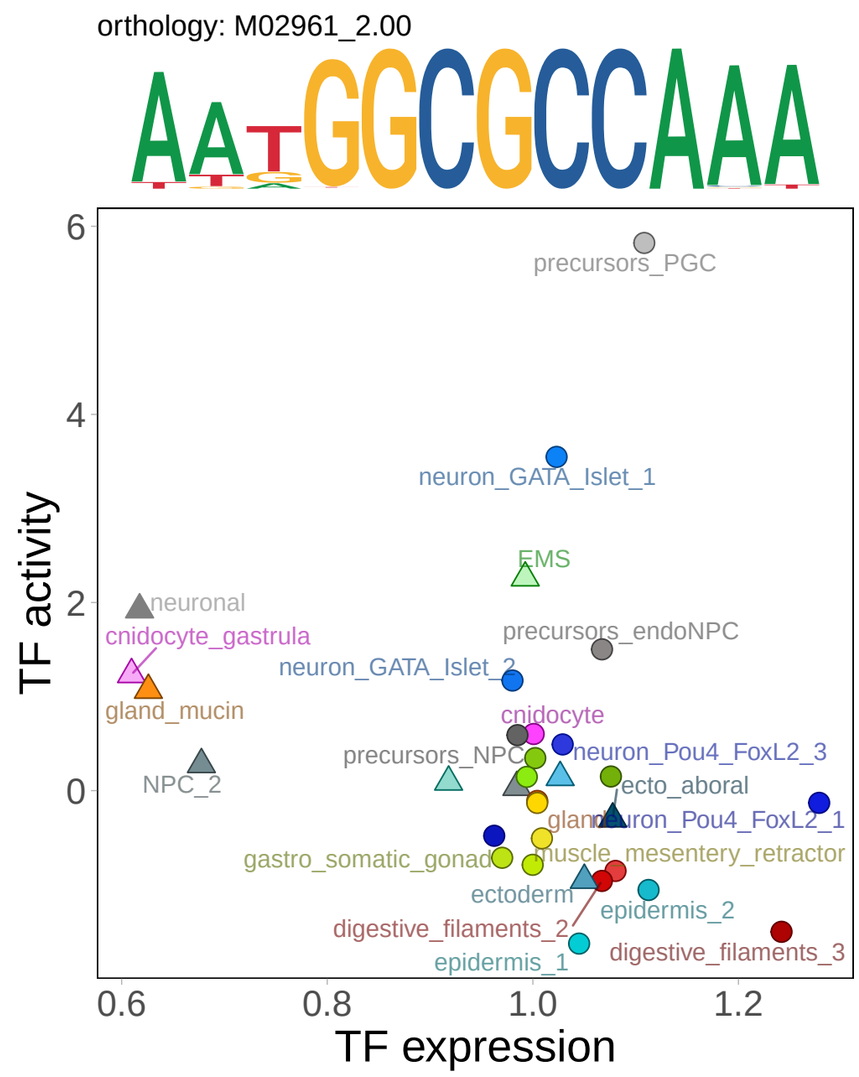
Nvec_vc1.1_XM_001627629.3
OG: Forkhead.HG1.30:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6
PFAM: Forkhead



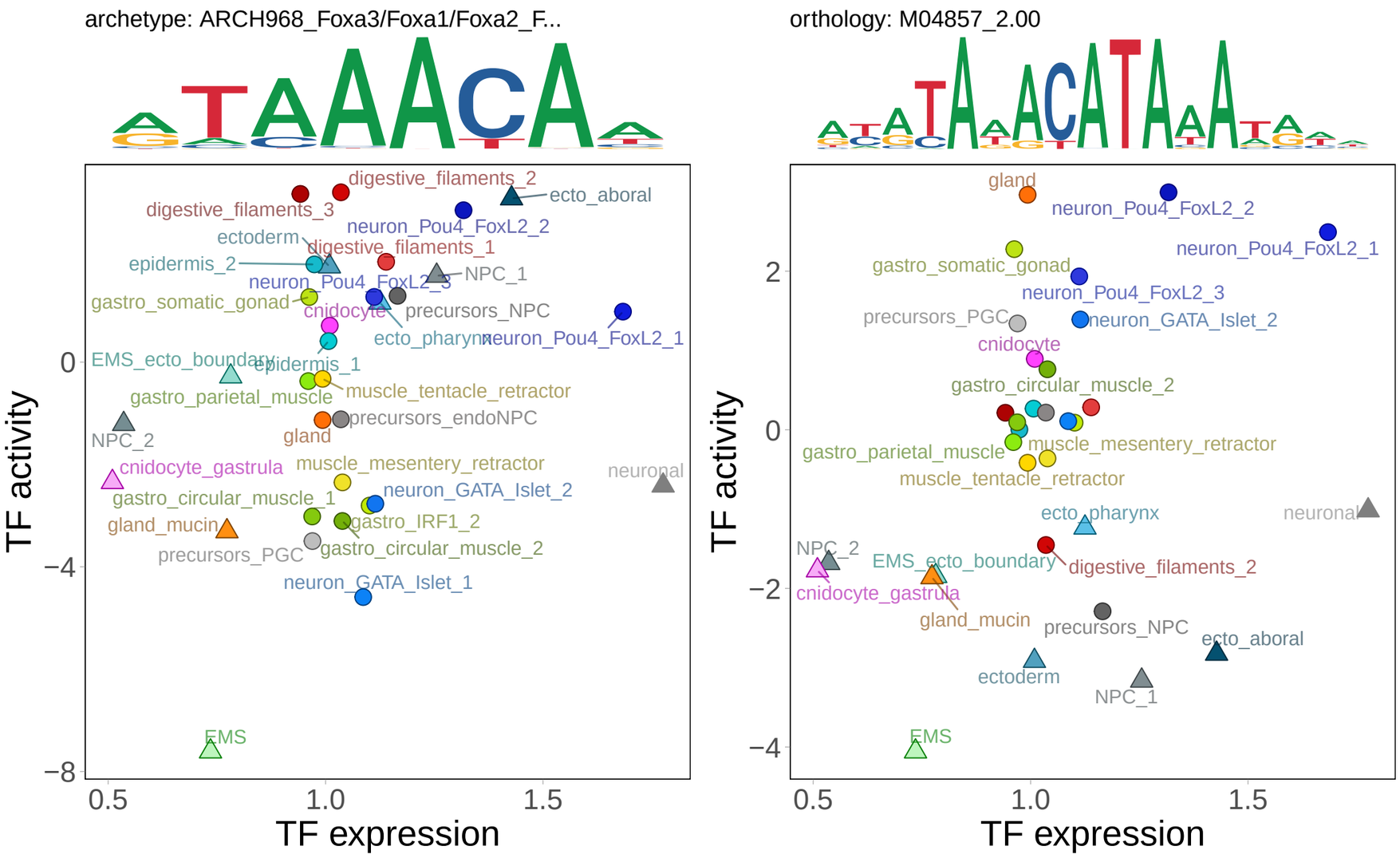


Nvec_vc1.1_XM_001627662.3
OG: E2F_TDP.HG1.3:E2F4/E2F5
PFAM: E2F_TDP/E2F_CC−MB

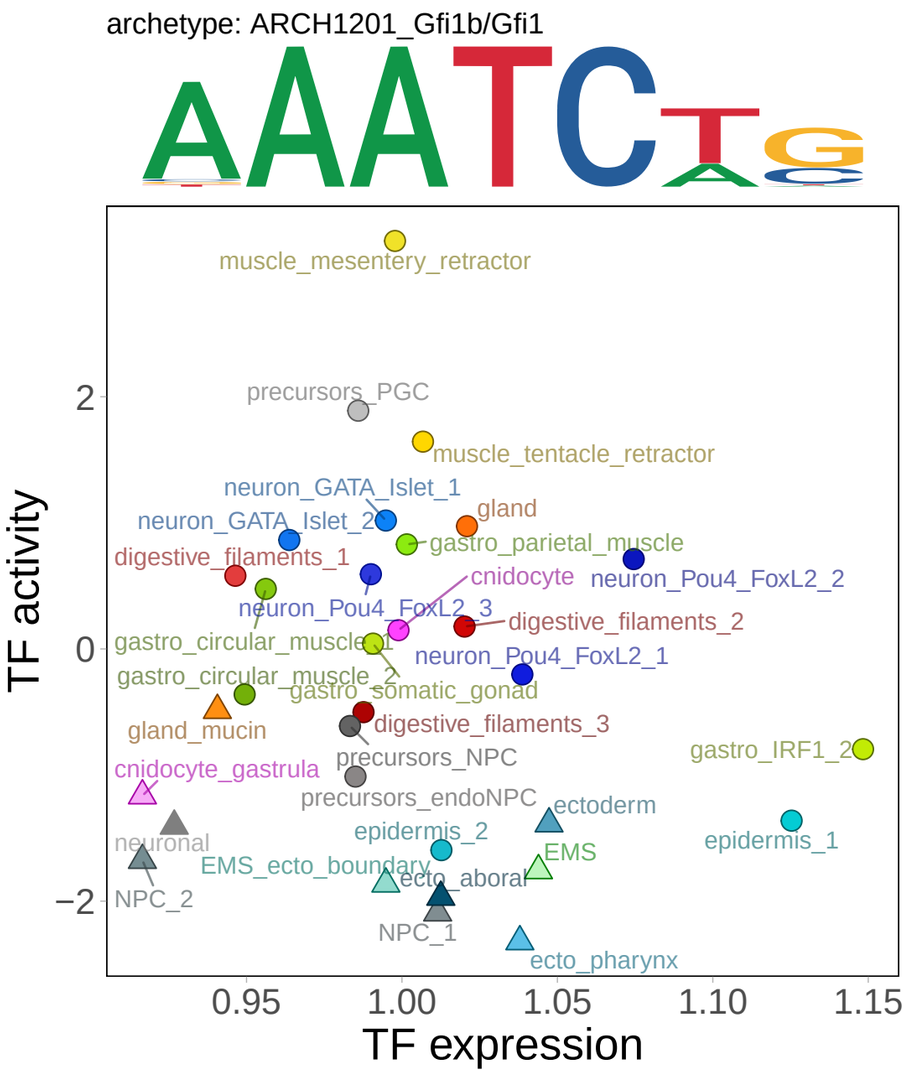




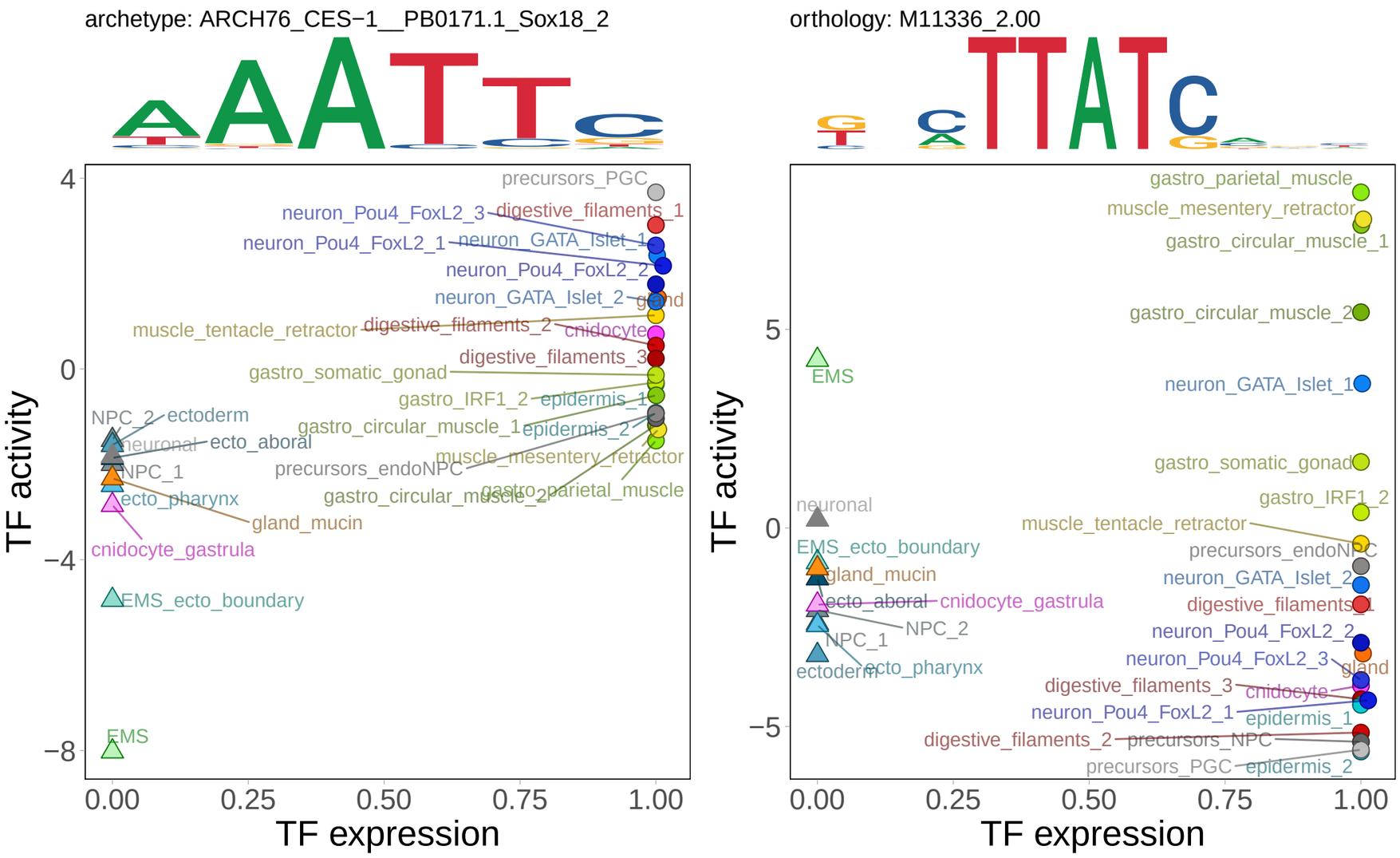
Nvec_vc1.1_XM_001627792.3
OG: Forkhead.HG1.12:FOXN1/FOXN4/FOXR1/FOXR2
PFAM: Forkhead



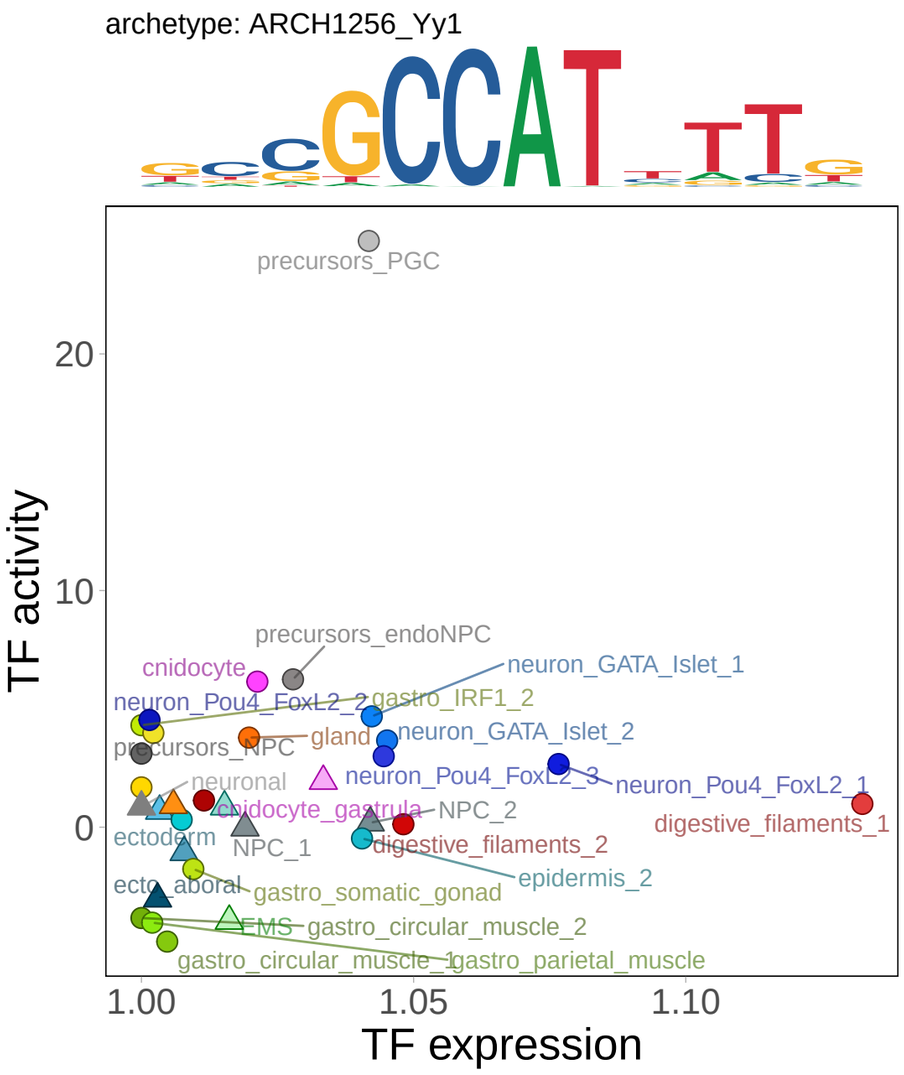
Nvec_vc1.1_XM_001627907.3
OG: zf−C2H2.HG1.8:ZNF18/ZNF513/ZNF784/ZSCAN4/ZSCAN5A/ZSCAN5B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



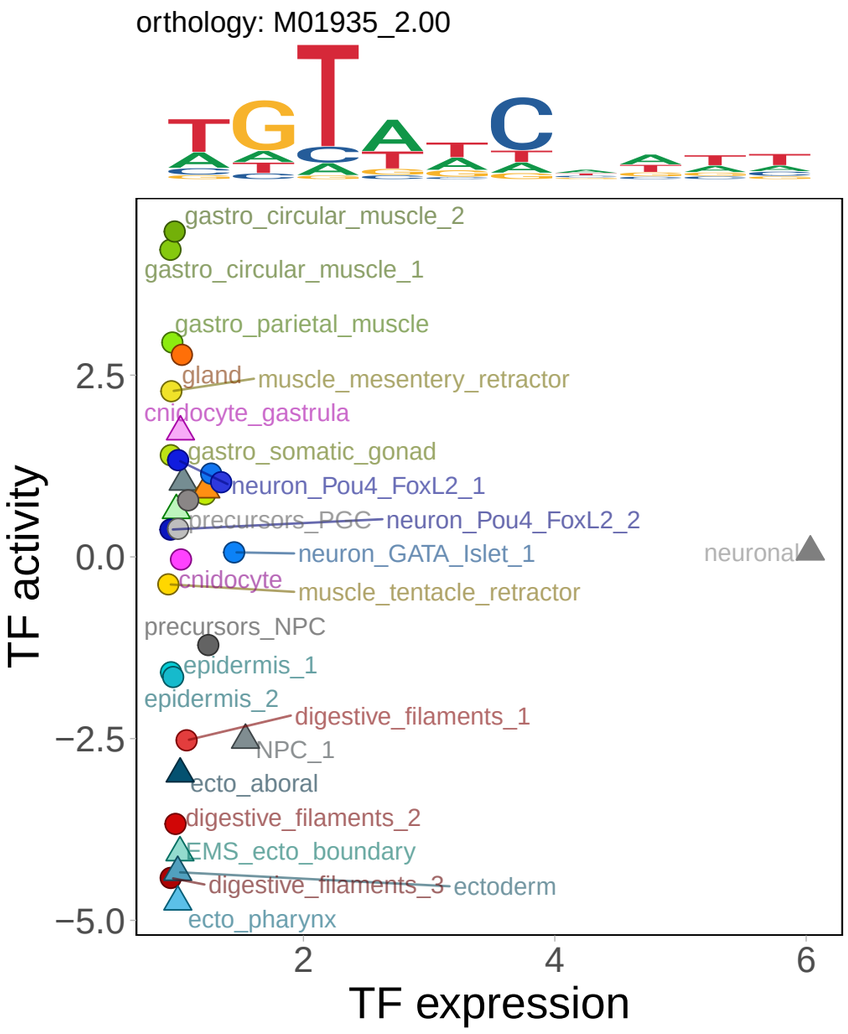
Nvec_vc1.1_XM_001628041.3
OG: HMGbox_Sox.HG1.24:HMGB1/HMGB2/HMGB3
PFAM: HMG_box_2/HMG_box

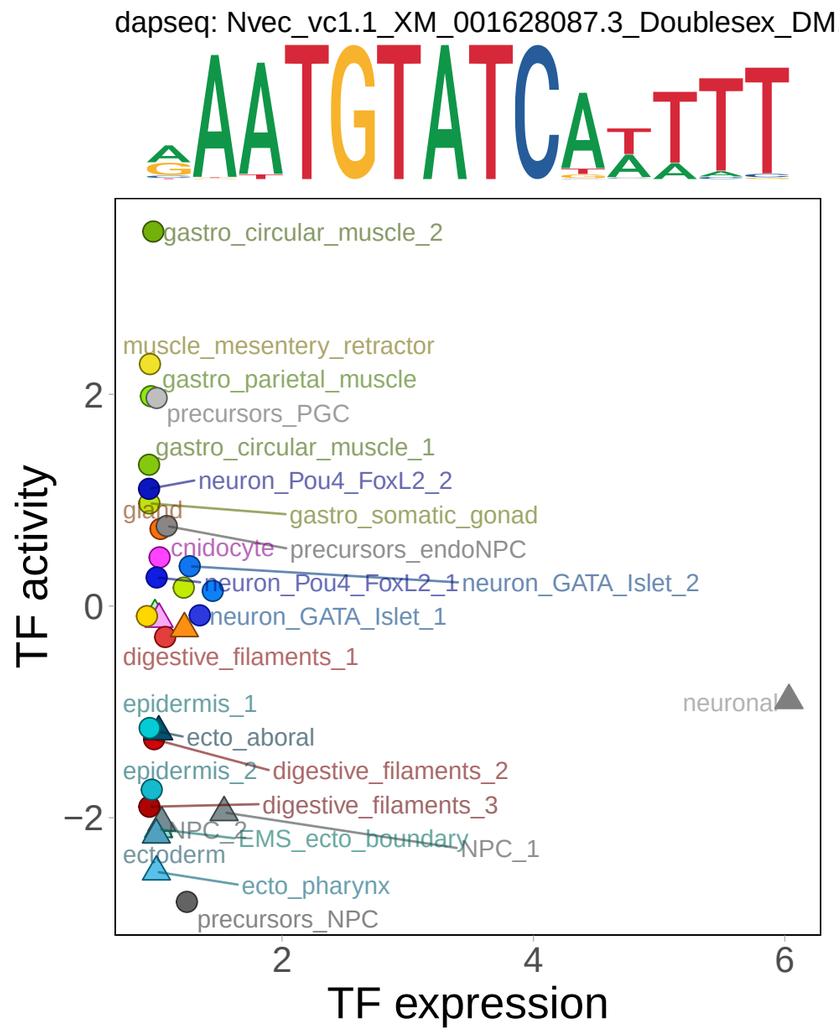


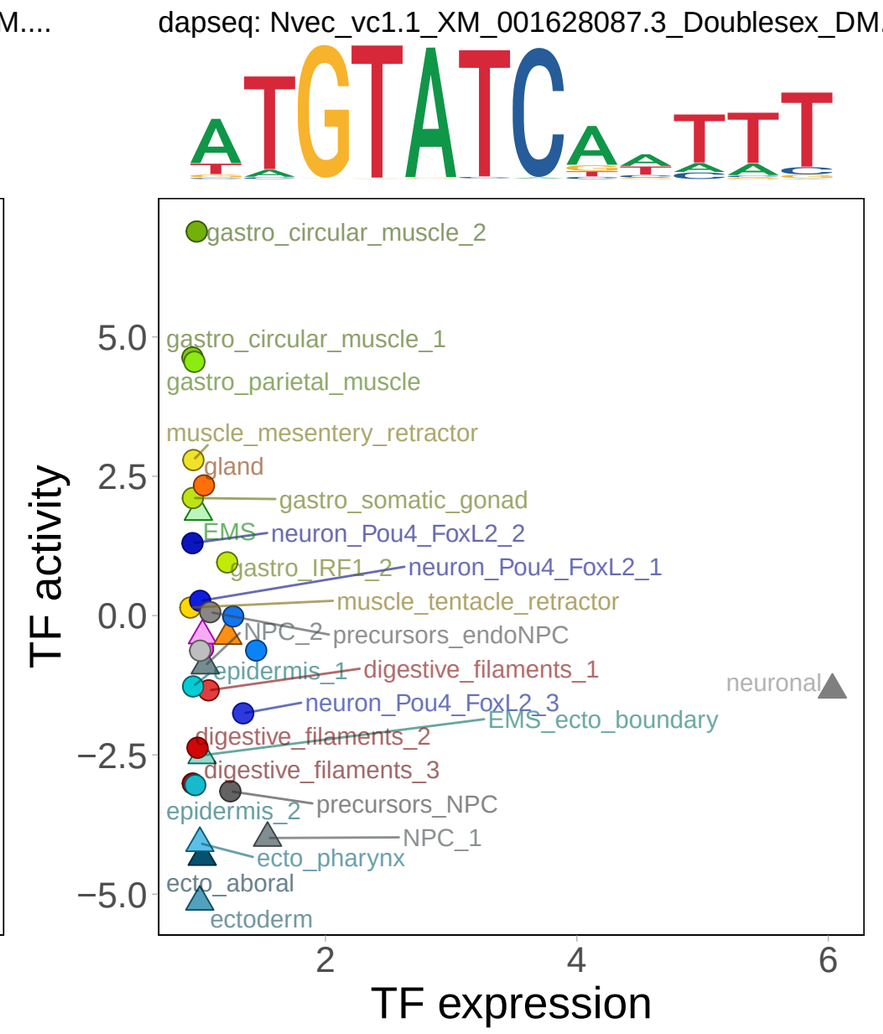
Nvec_vc1.1_XM_001628045.2
OG: zf−C2H2.HG2.4:MTF1/ZNF76/ZNF143
PFAM: zf−C2H2/zf−C2H2

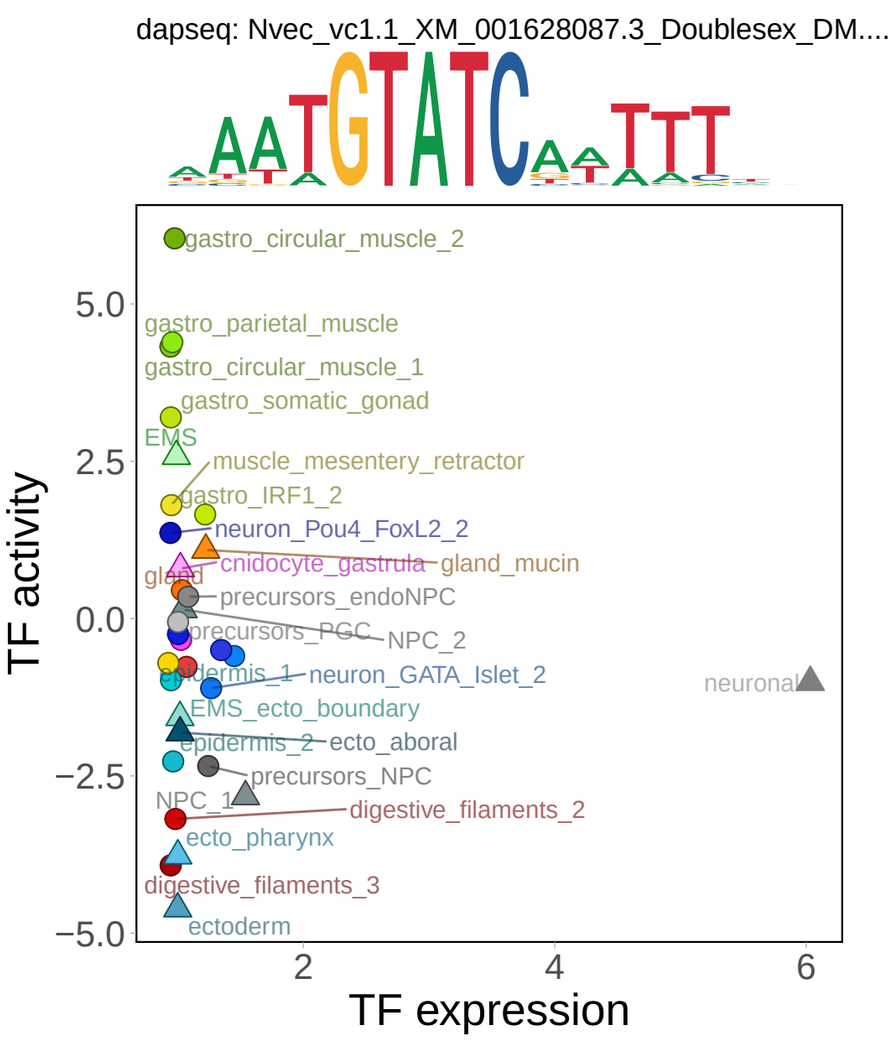


Nvec_vc1.1_XM_001628087.3
OG: Doublesex_DM.HG1.12:DMRTA1/DMRTA2/DMRTB1
PFAM: DM/DMA

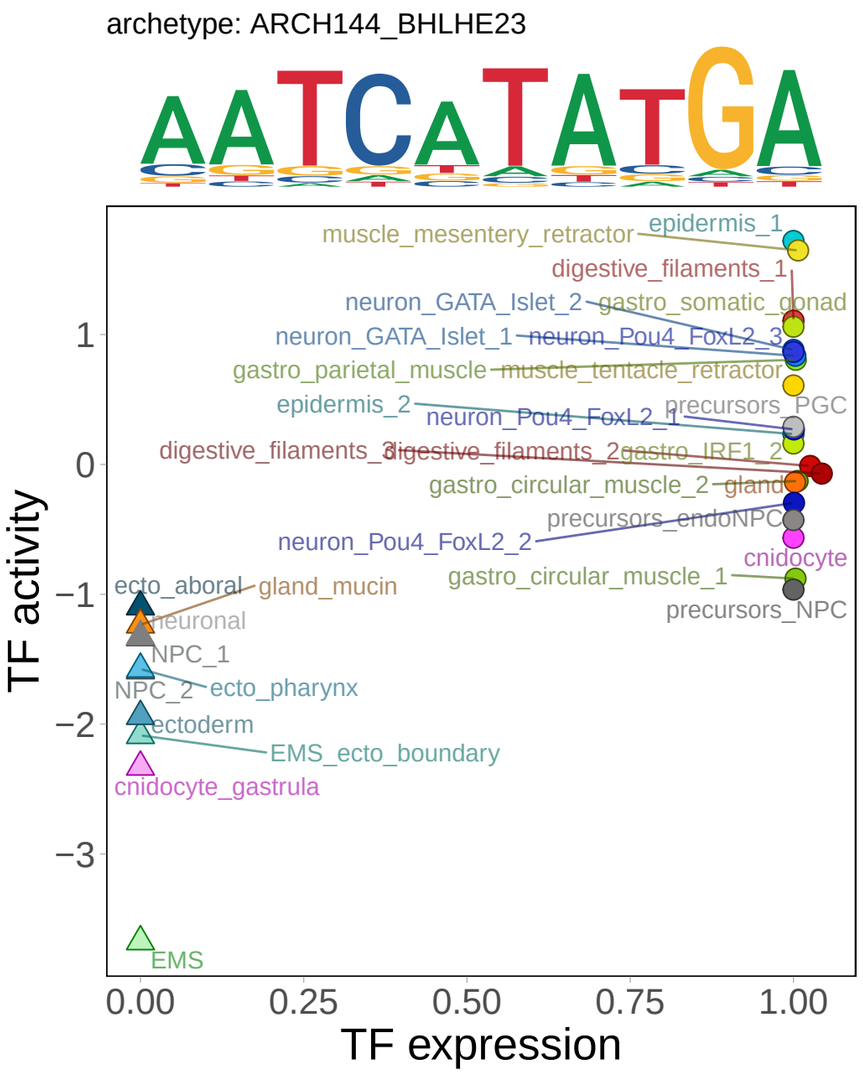


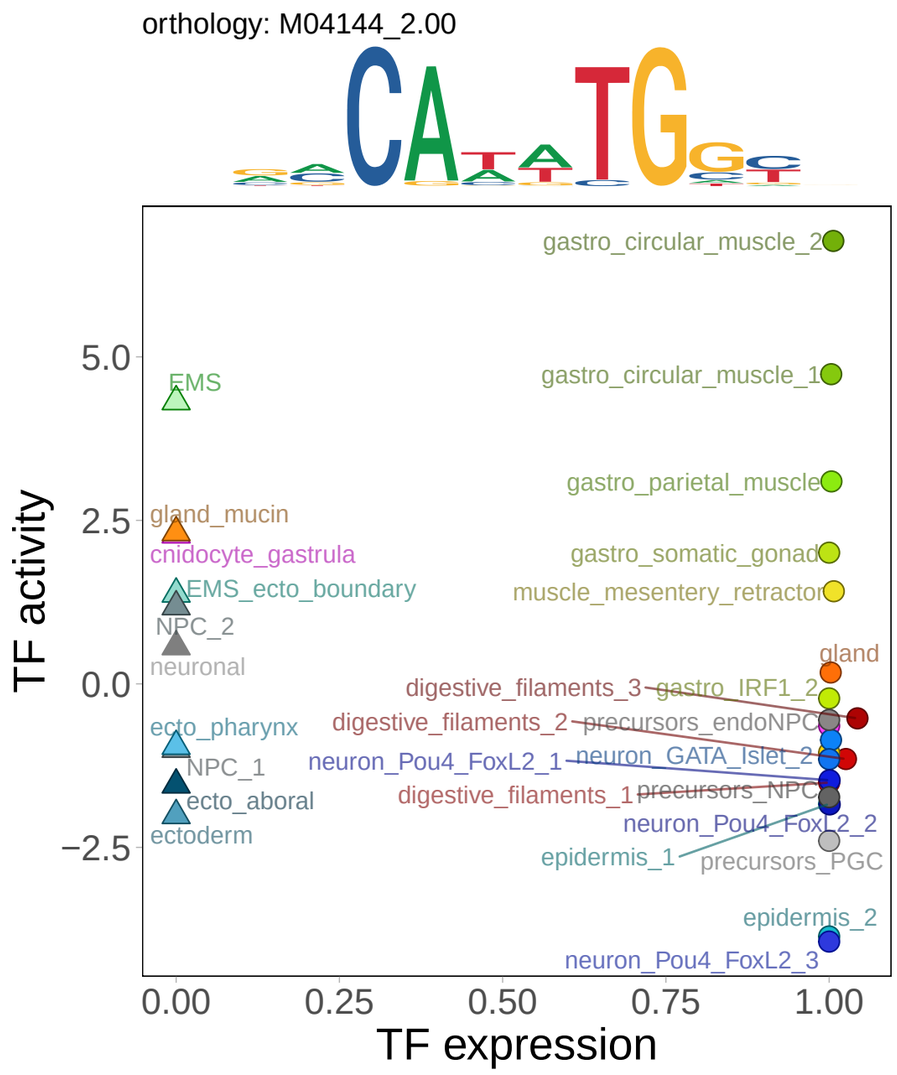




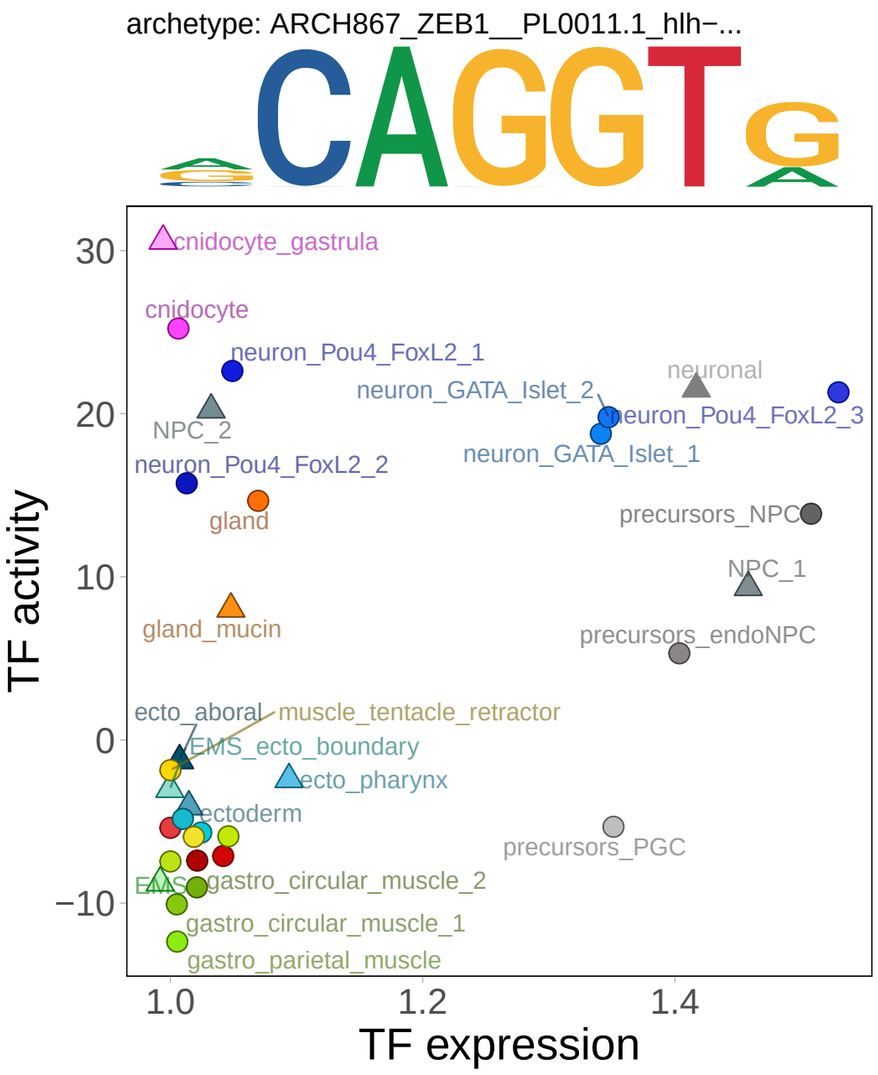


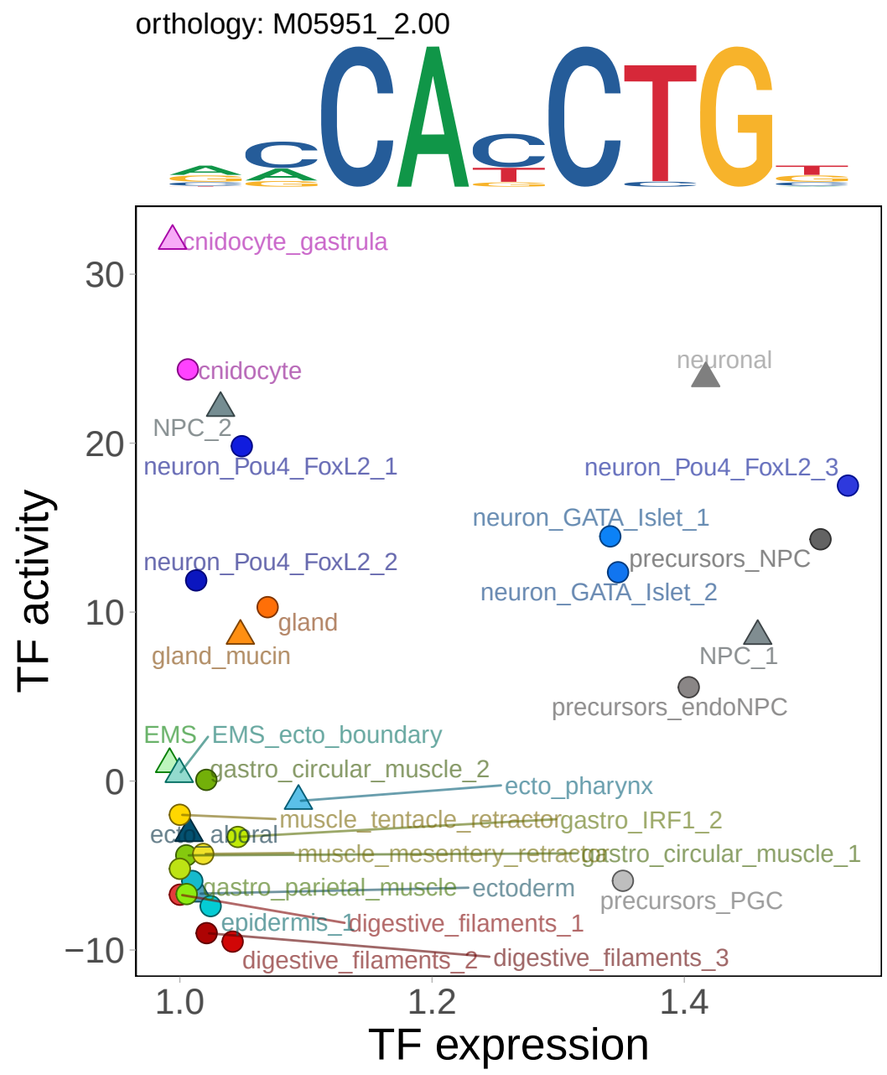
Nvec_vc1.1_XM_001628278.3
OG: HLH.HG1.75:like:ATOH8
PFAM: HLH



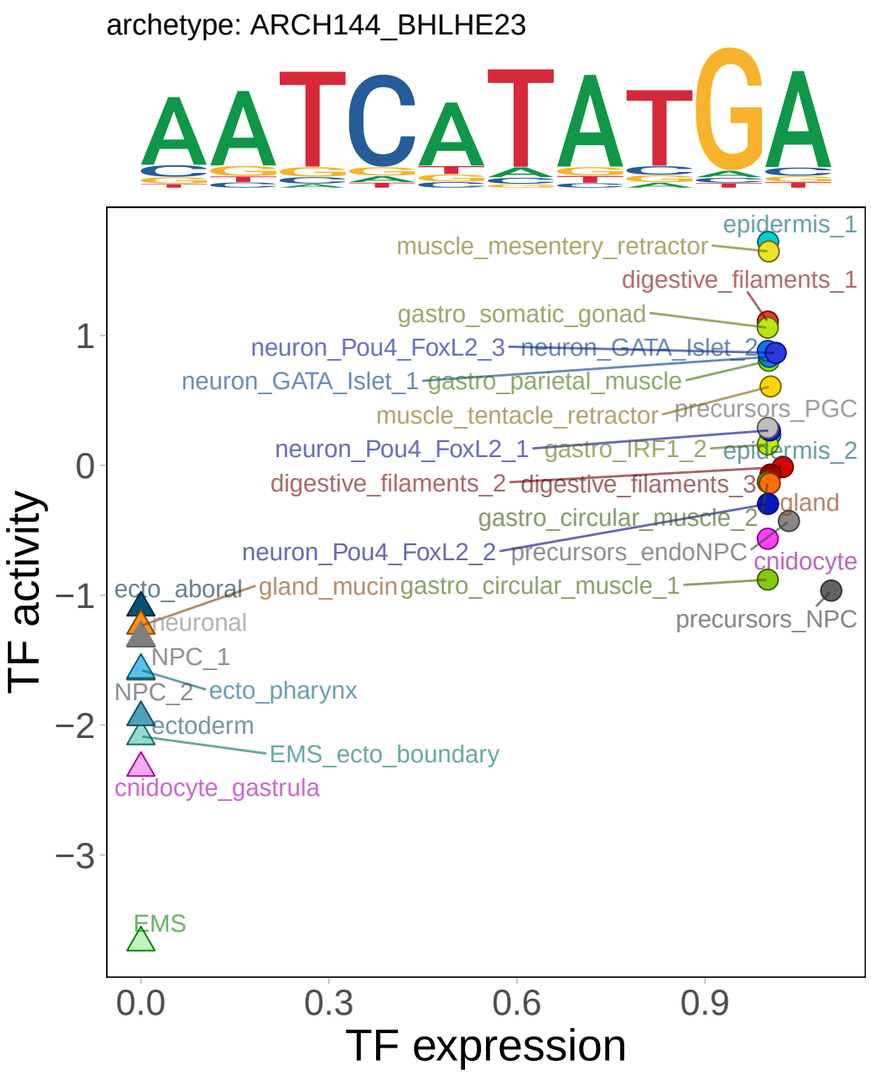


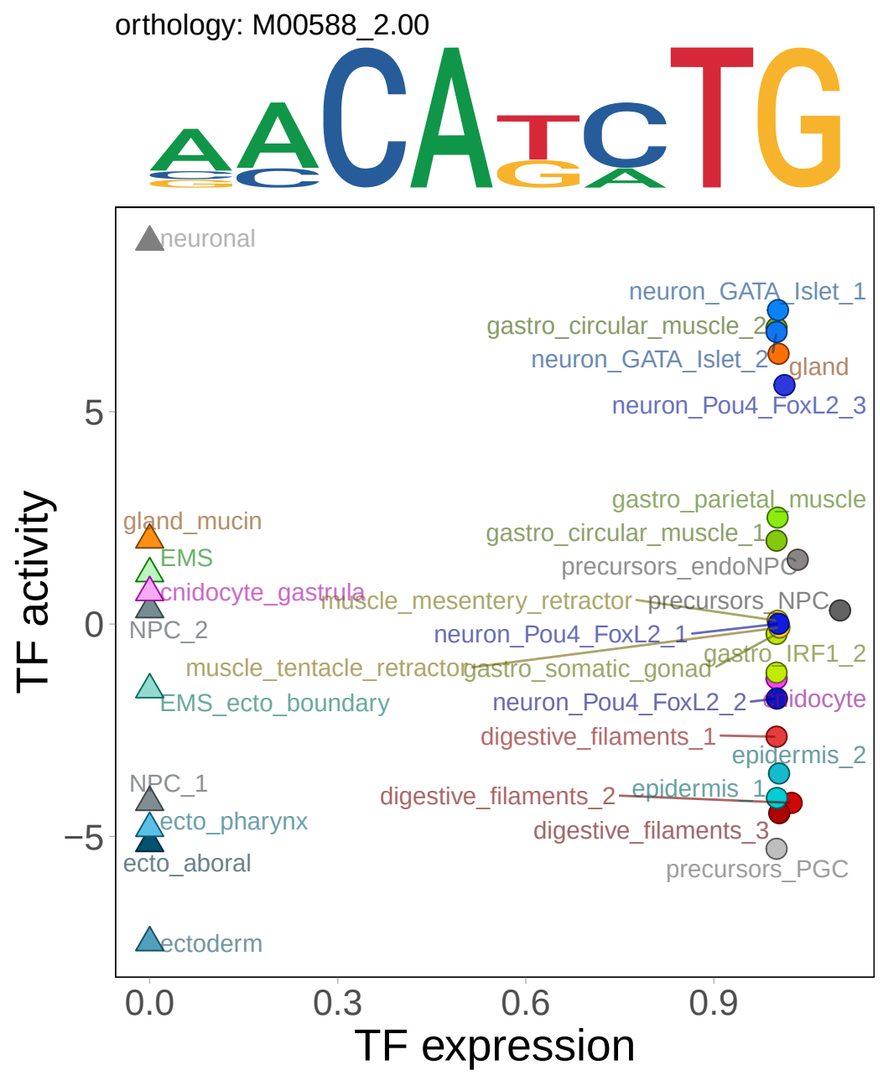
Nvec_vc1.1_XM_001628279.3
OG: HLH.HG1.76:ATOH8
PFAM: HLH



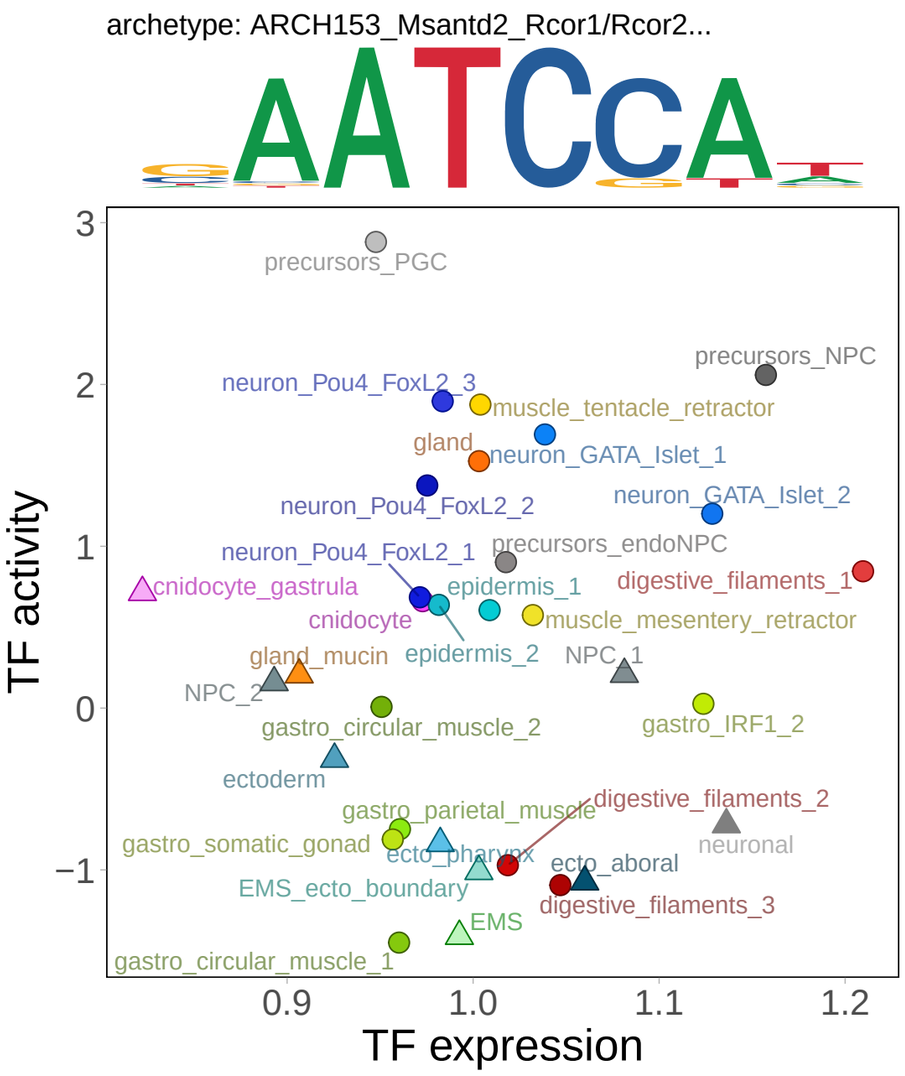


Nvec_vc1.1_XM_001628300.3
OG: HLH.HG1.84:NEUROG1/NEUROG2/NEUROG3
PFAM: HLH

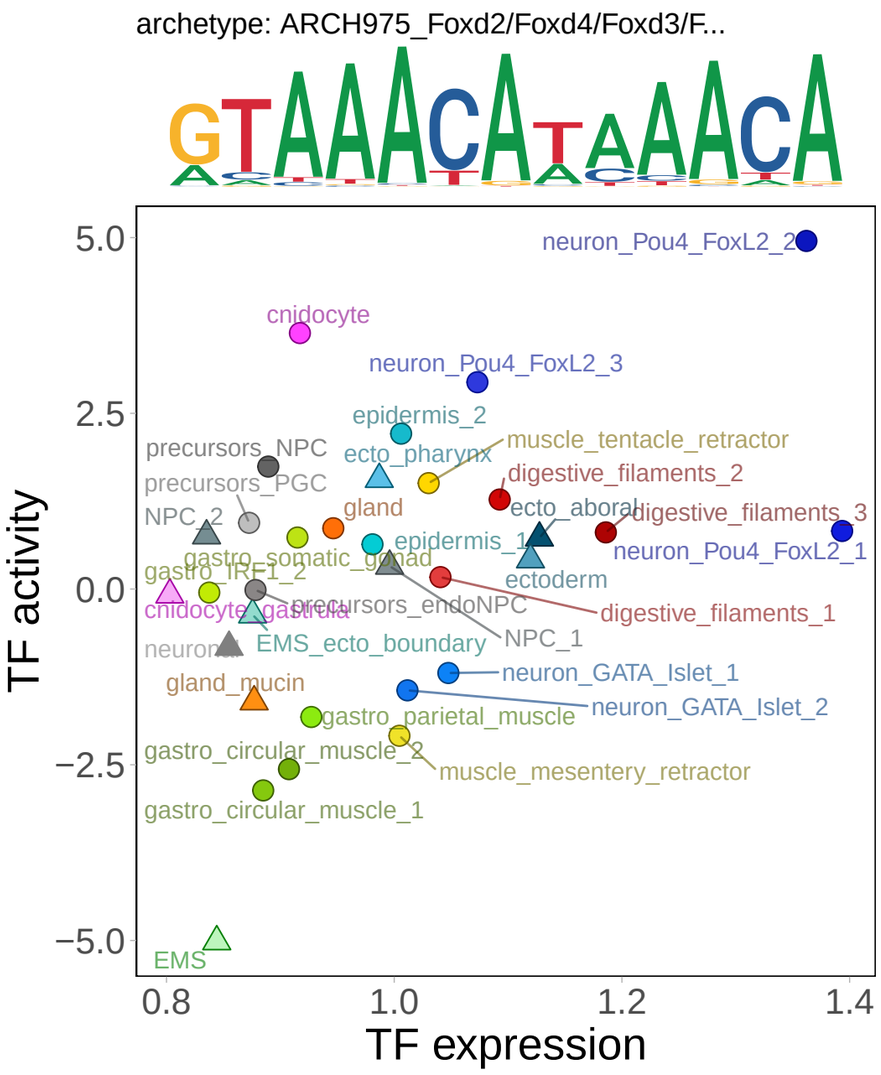


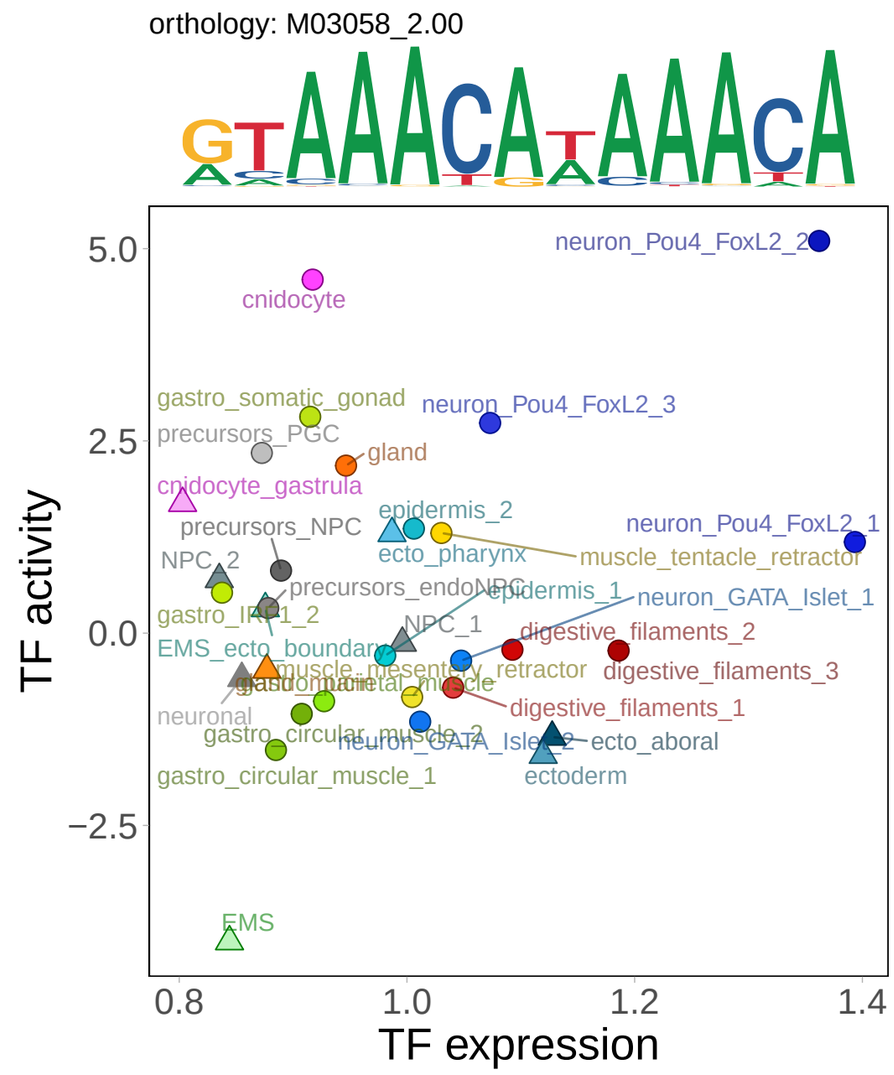


Nvec_vc1.1_XM_001628318.3
OG: Myb.HG2.2:NA
PFAM: MADF_DNA_bdg

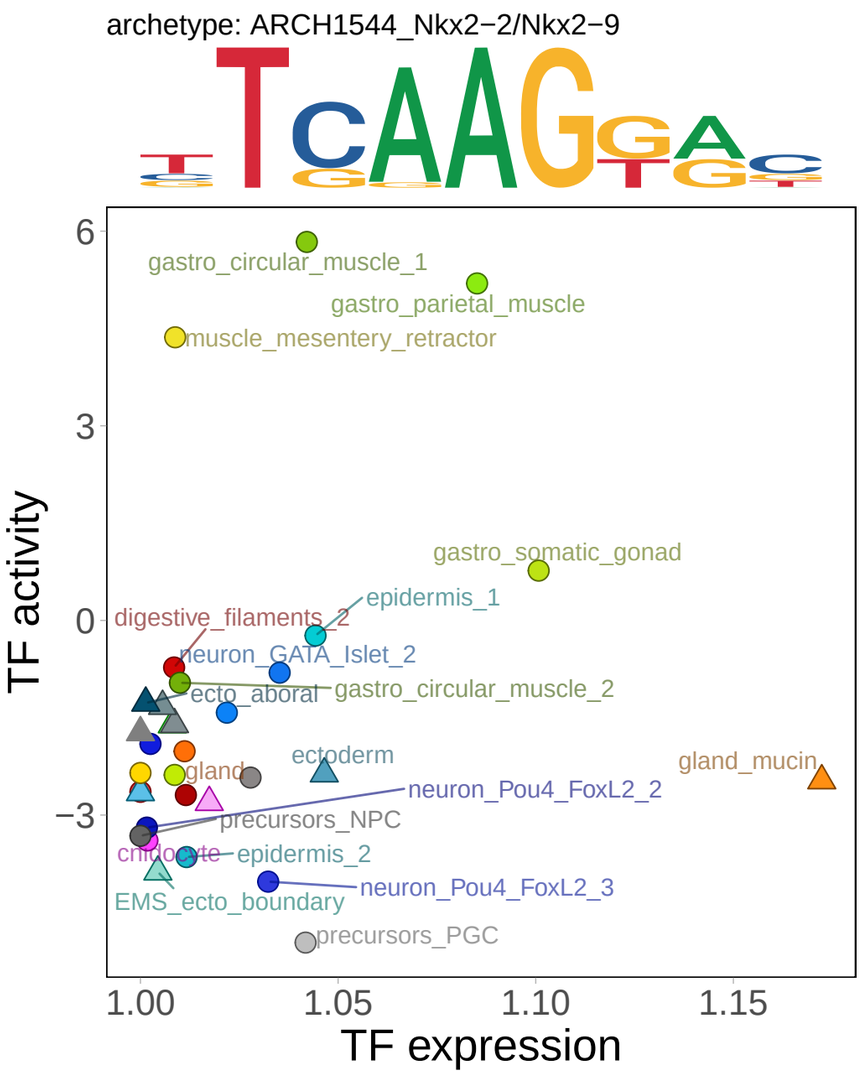


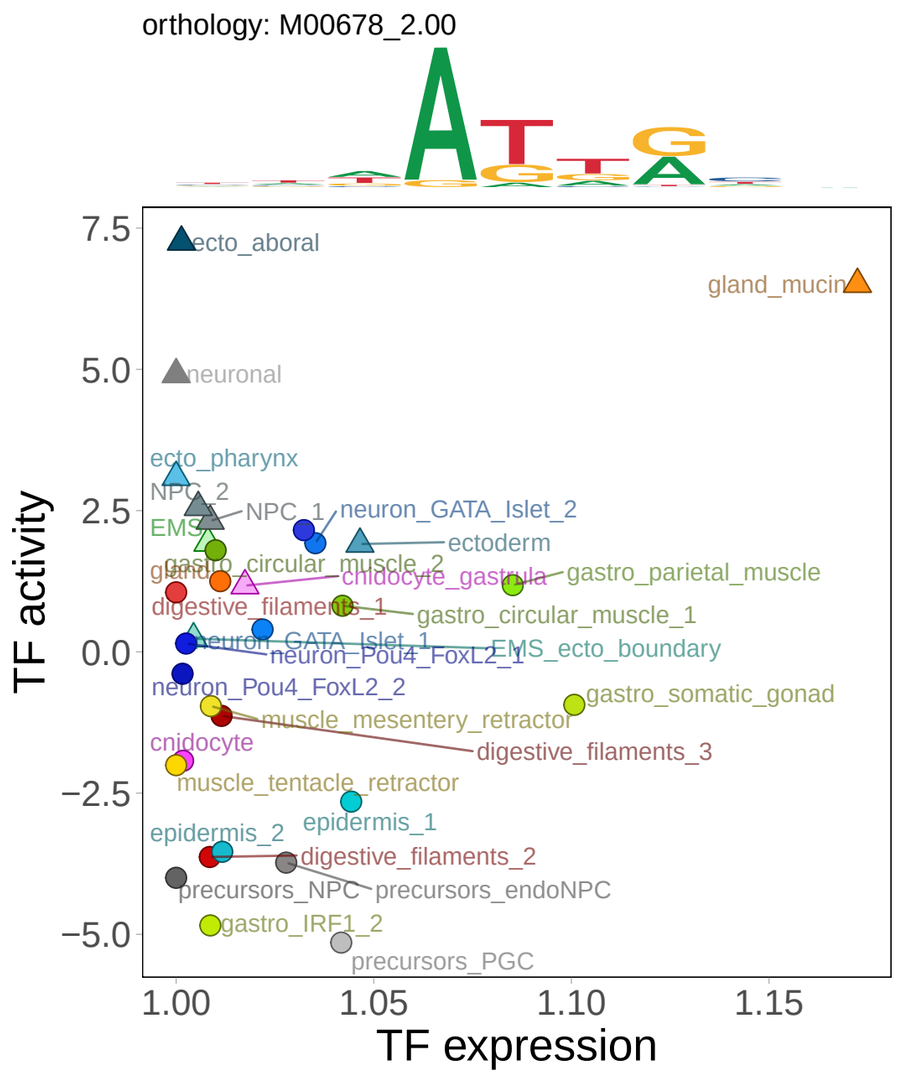
Nvec_vc1.1_XM_001628319.3
OG: Forkhead.HG1.25:FOXJ2/FOXJ3
PFAM: Forkhead



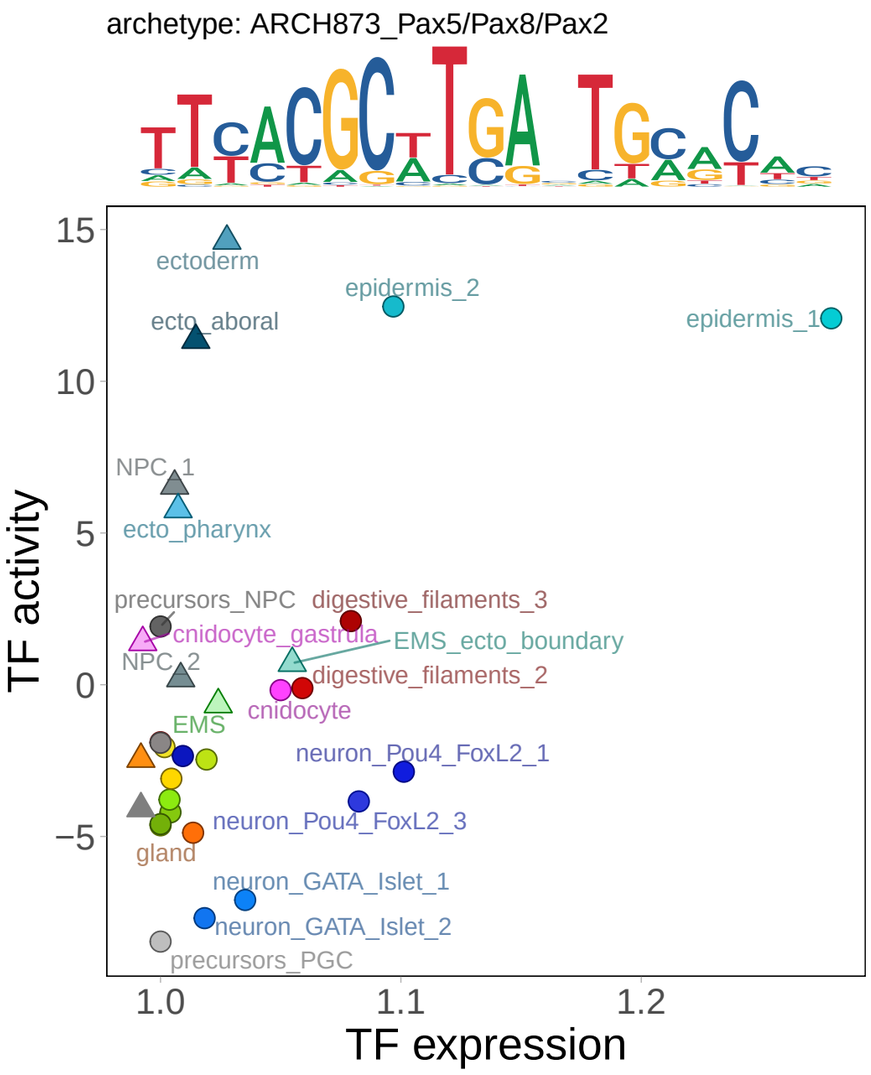


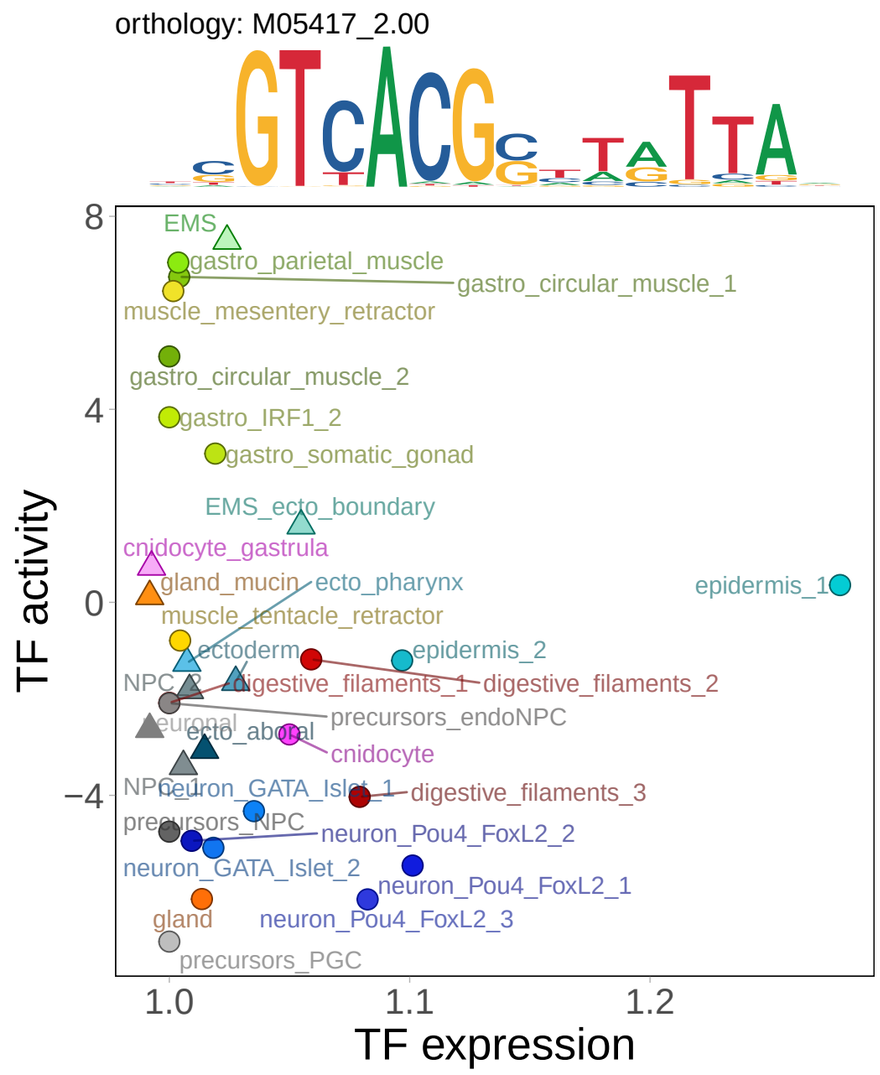
Nvec_vc1.1_XM_001628481.3
OG: Homeodomains.HG1.72:like:NOTO
PFAM: Homeodomain



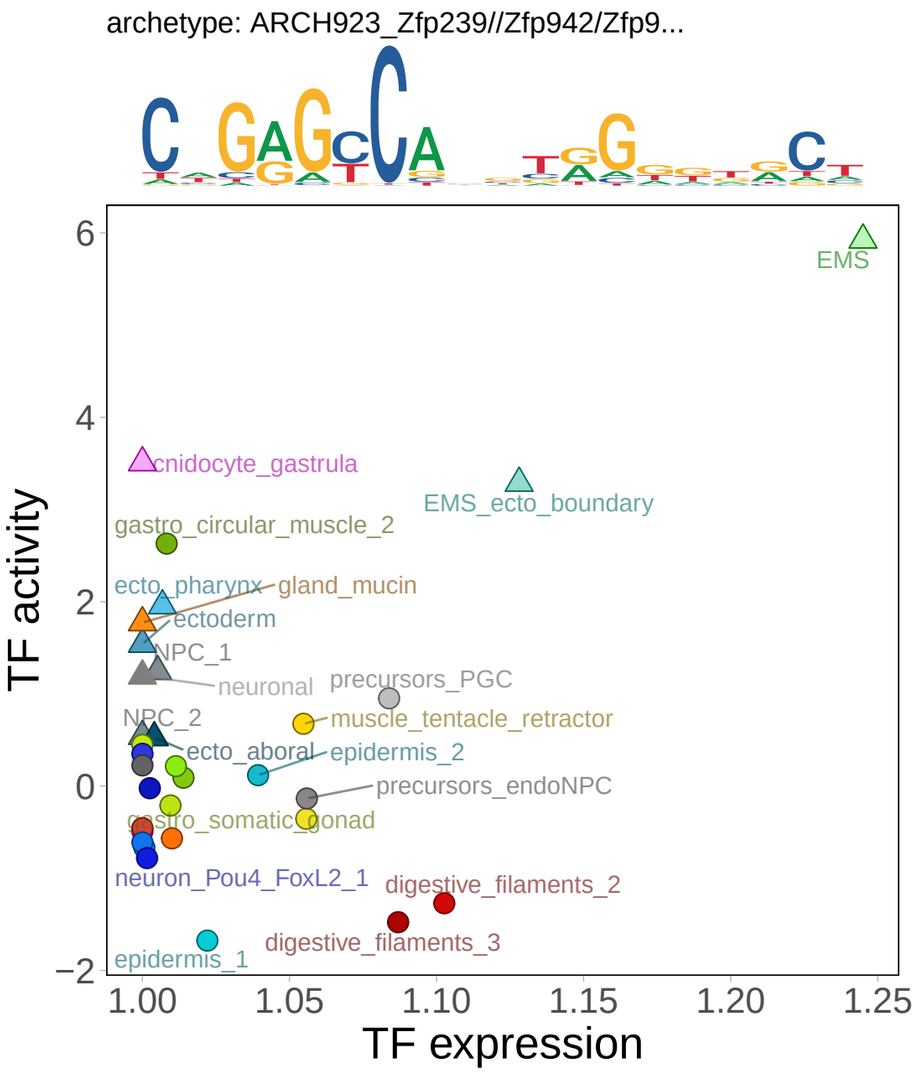


Nvec_vc1.1_XM_001628634.3
OG: Homeodomains.HG2.28:PAX3/PAX7
PFAM: PAX/Homeodomain

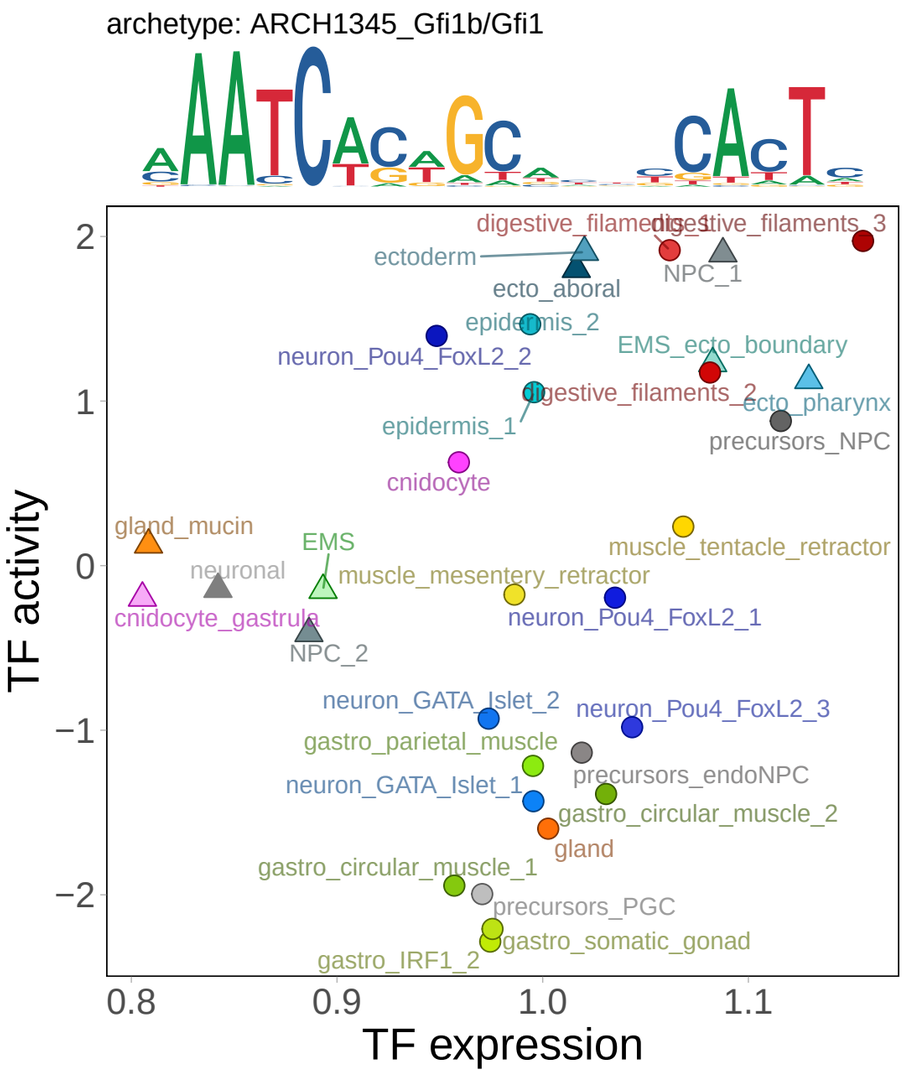




Nvec_vc1.1_XM_001628645.3
OG: zf−C2H2.HG1.88:MYNN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−H2C2_2/zf−C2H2/zf−C2H2

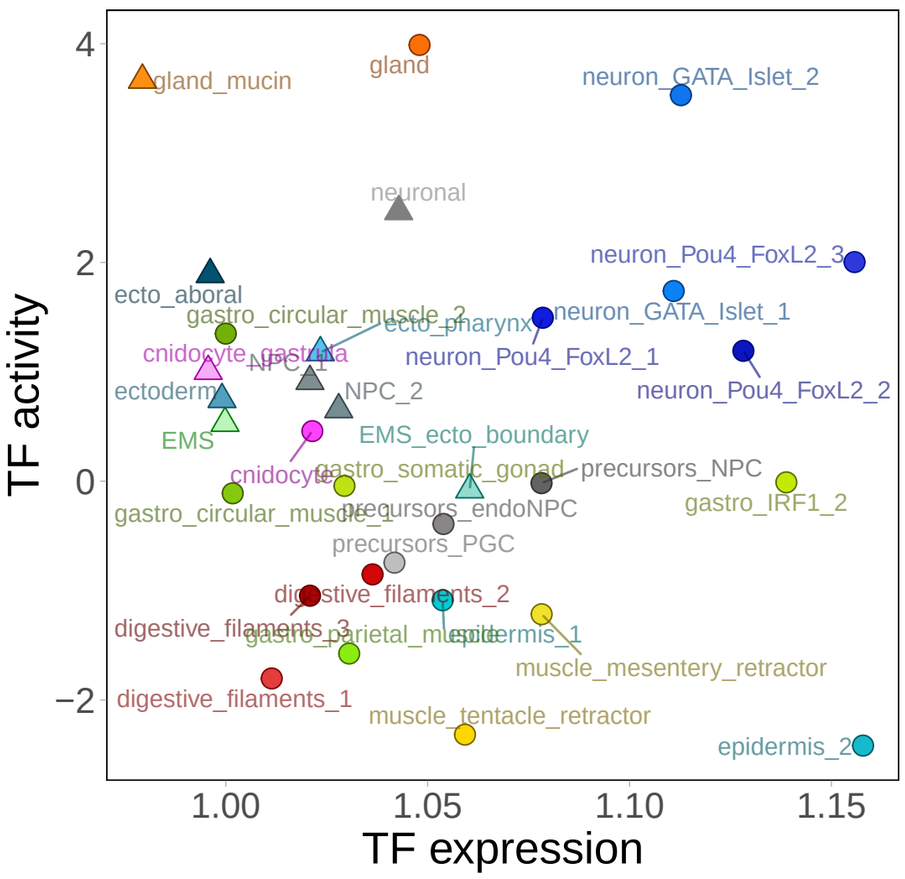


Nvec_vc1.1_XM_001628705.3
OG: zf−C2H2.HG1.119:PRDM4
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

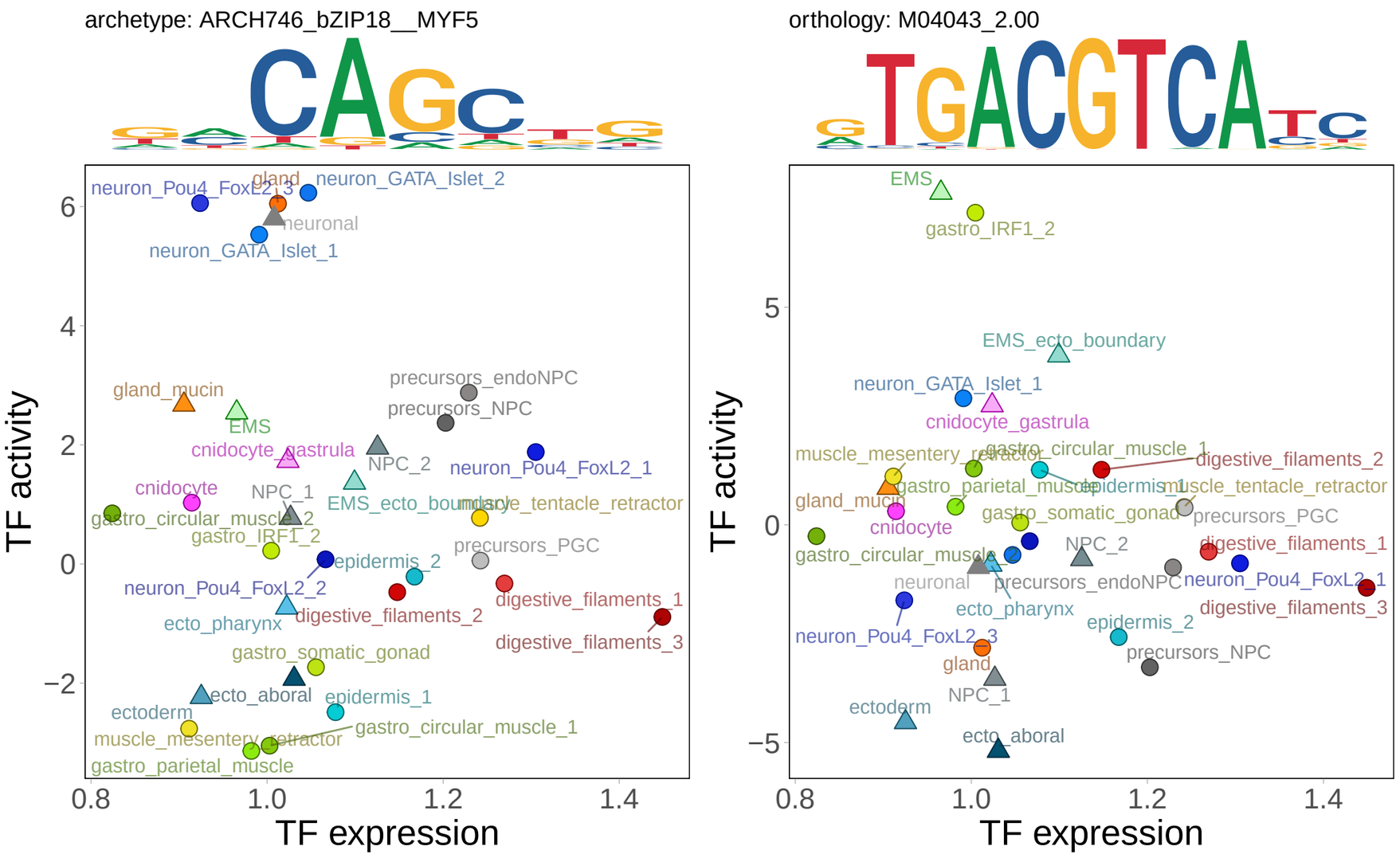


Nvec_vc1.1_XM_001628892.3
OG: Pipsqueak.HG1.0:NA
PFAM: HTH_psq/HTH_psq/HTH_psq/HTH_psq/HTH_psq/DDE_1

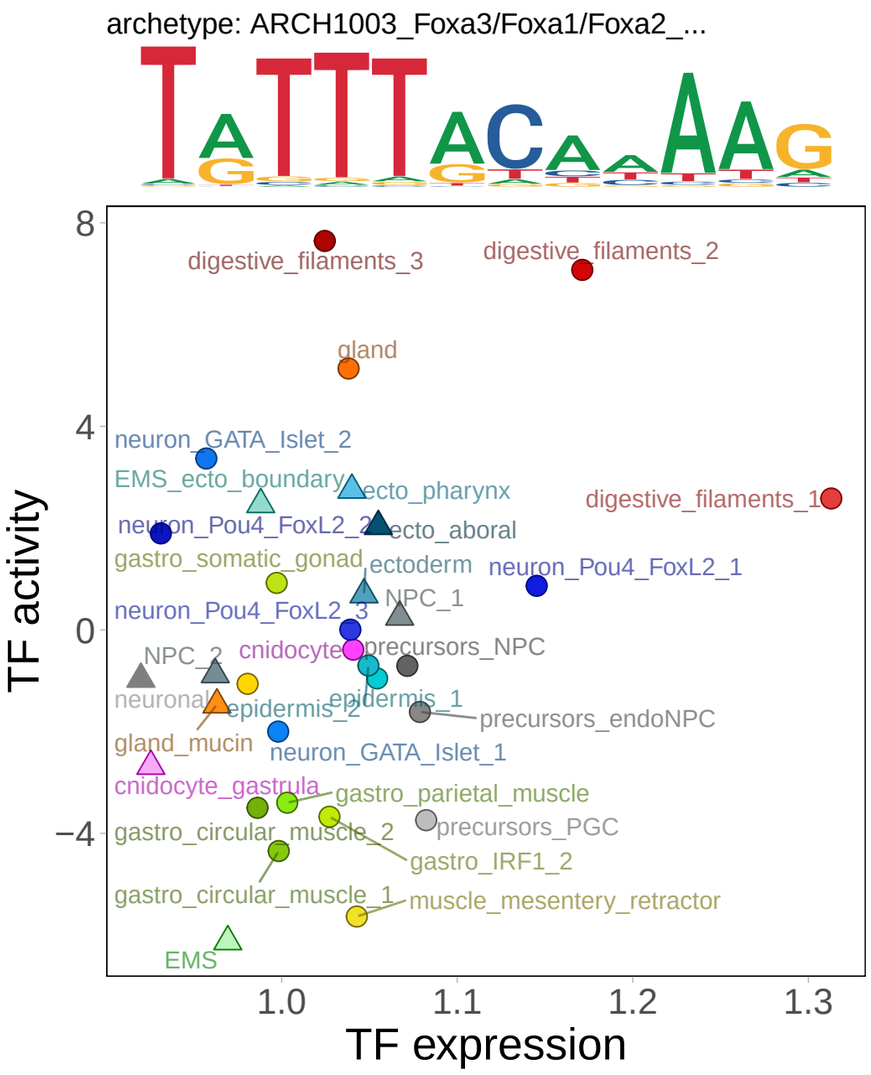
orthology: M03950_2.00

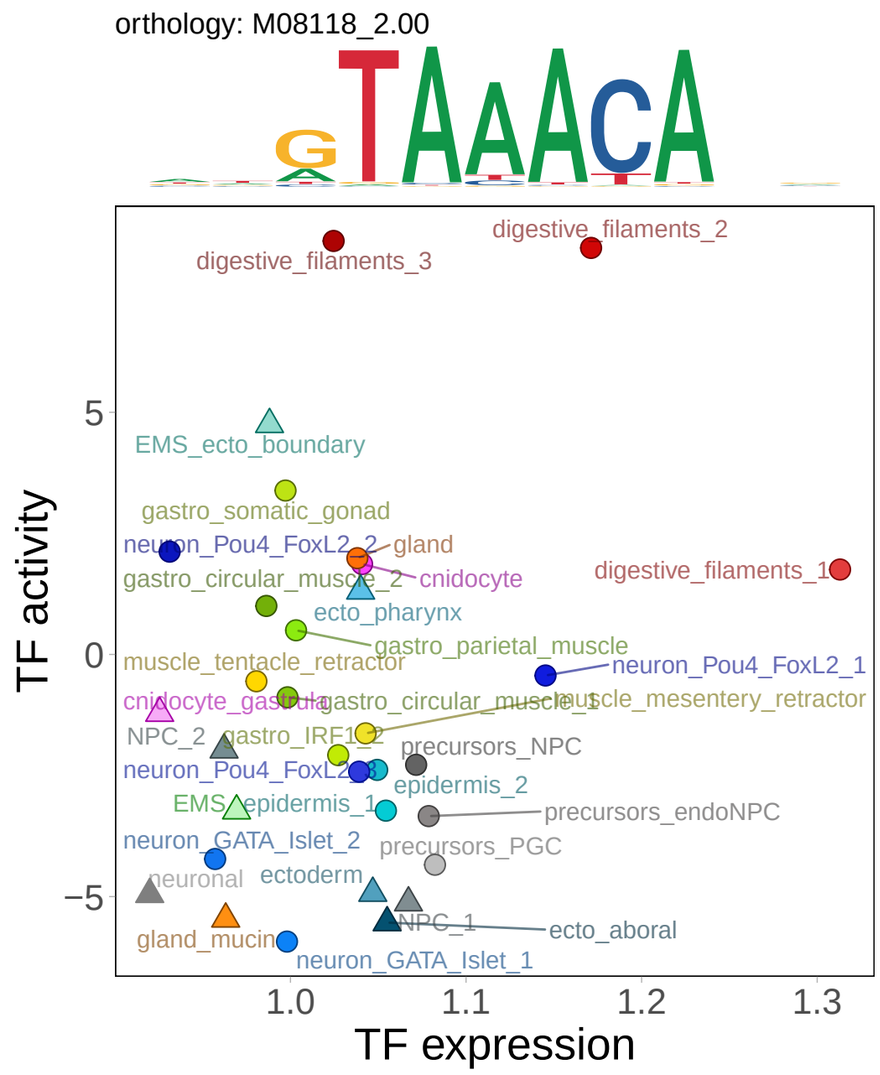


Nvec_vc1.1_XM_001628946.3
OG: bZIP.HG1.19:ATF6/ATF6B
PFAM: bZIP_1

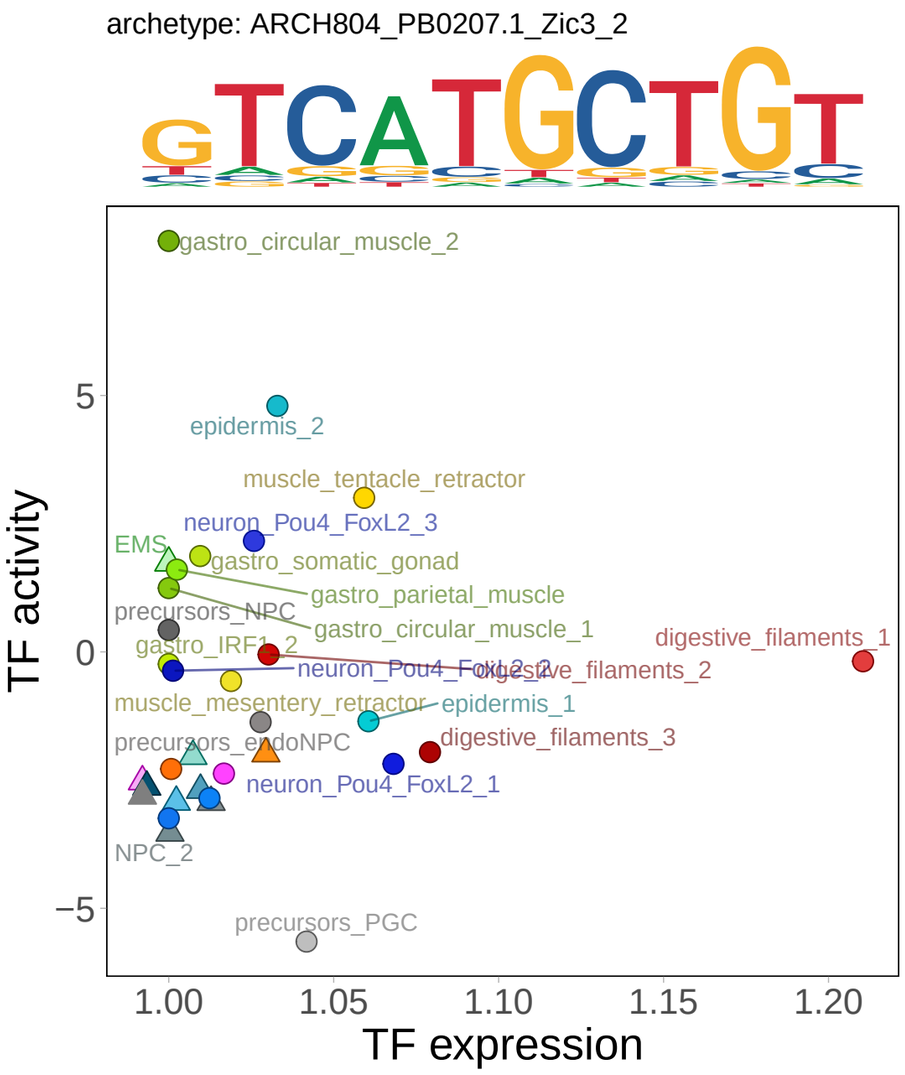


Nvec_vc1.1_XM_001628964.3
OG: Forkhead.HG1.23:FOXK1/FOXK2
PFAM: FHA/Forkhead

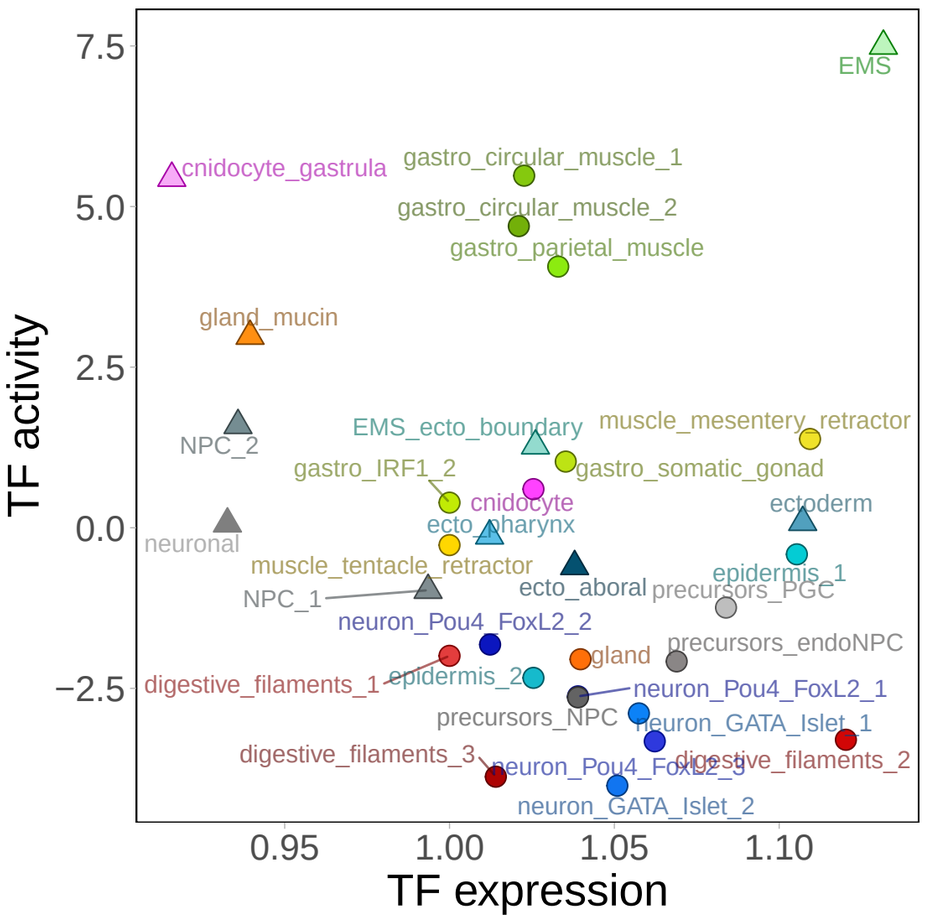




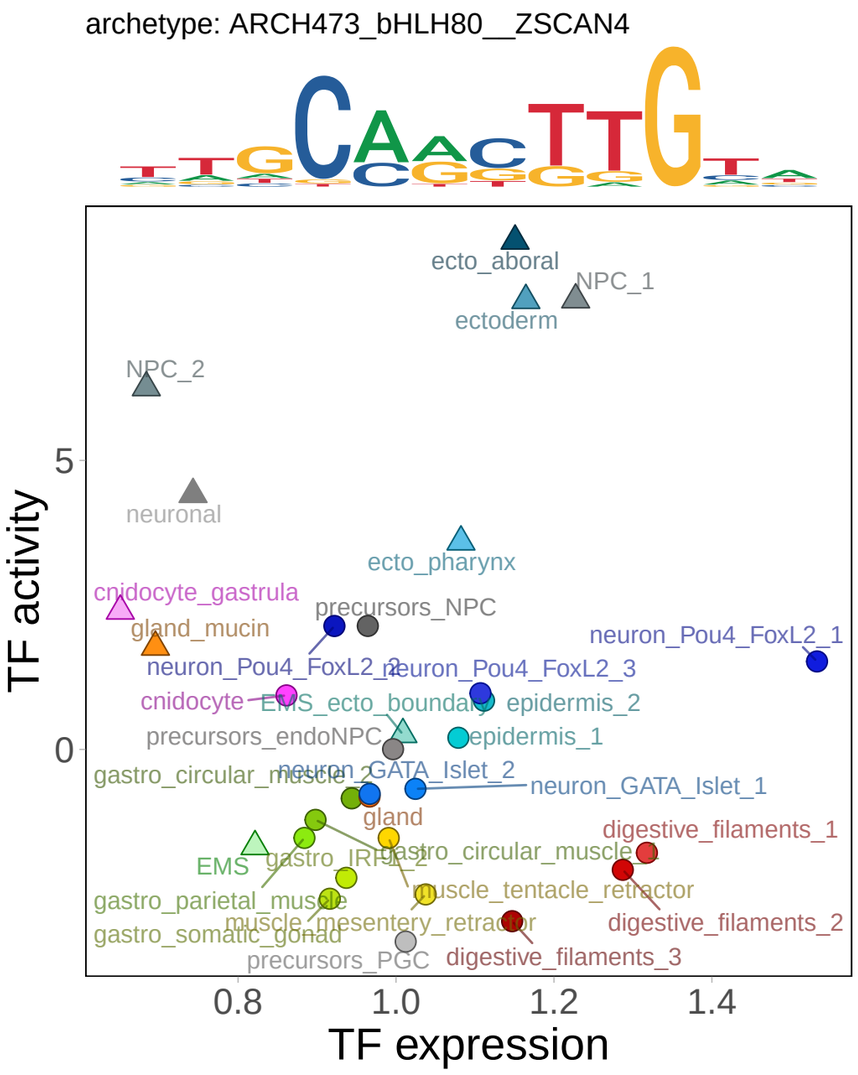
Nvec_vc1.1_XM_001628971.3
OG: zf−C2H2.HG1.87:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−met/zf−C2H2/zf−C2H2_4/zf−C2H2/zf−met/zf−C2H2_4/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C

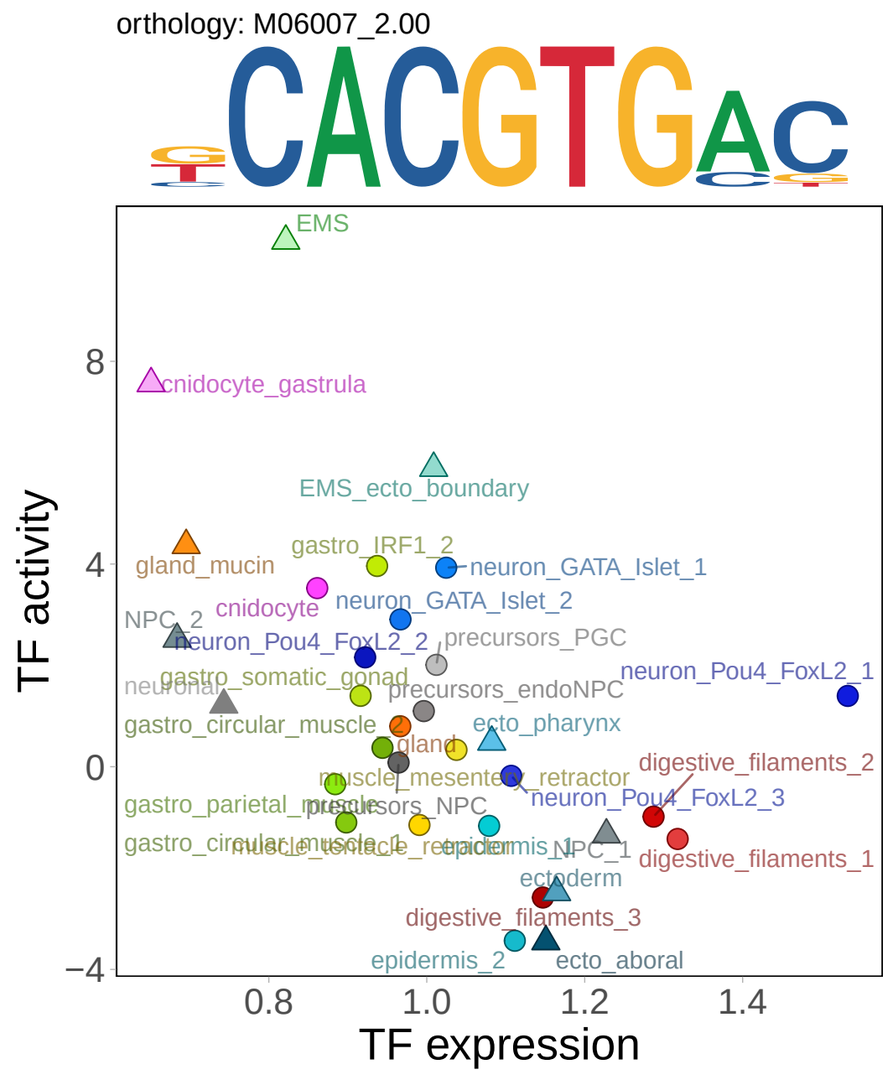


orthology: M04007_2.00

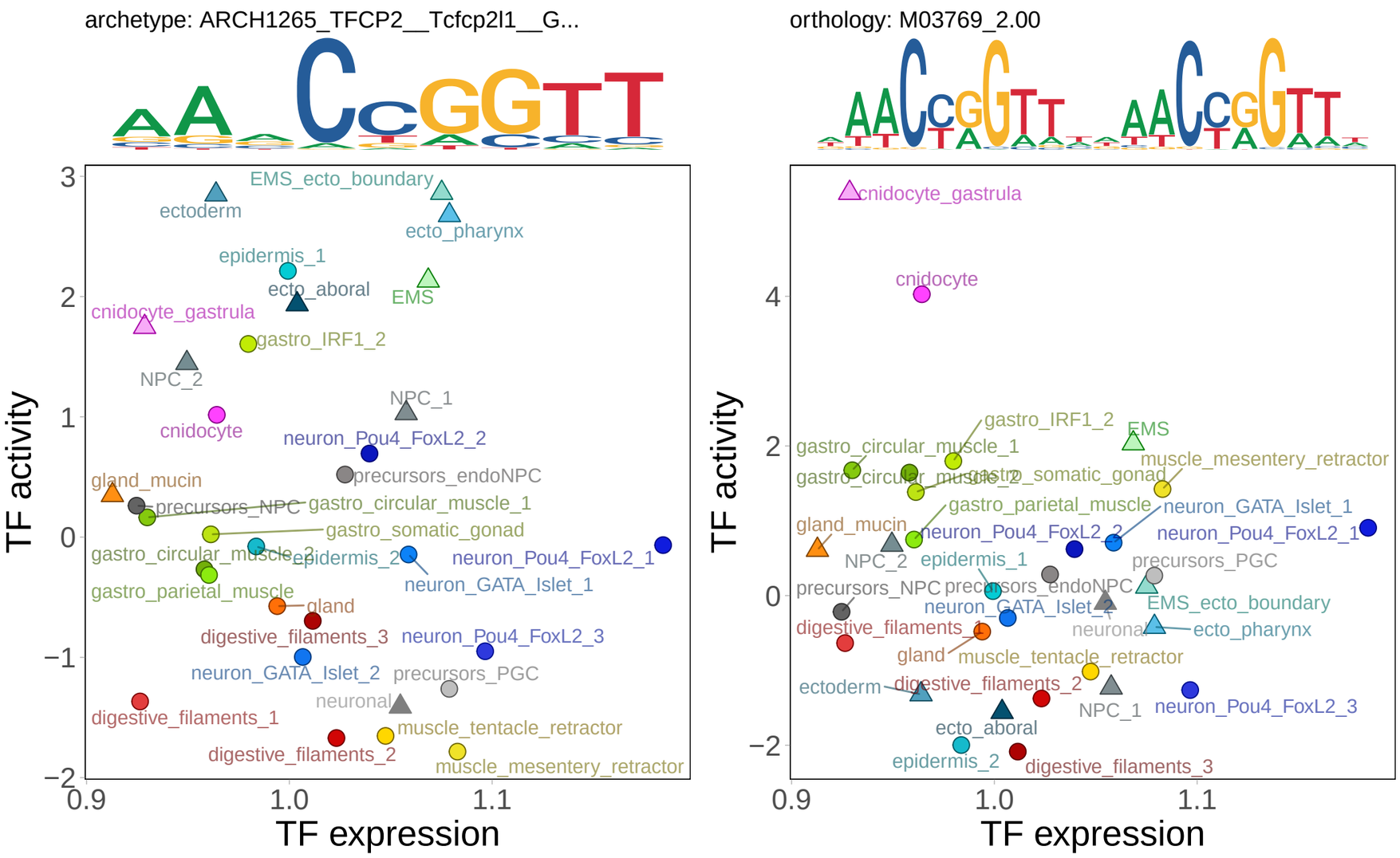


Nvec_vc1.1_XM_001629480.3
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCOA1/NPAS1/NPAS2/S
PFAM: HLH/PAS/PAS_11

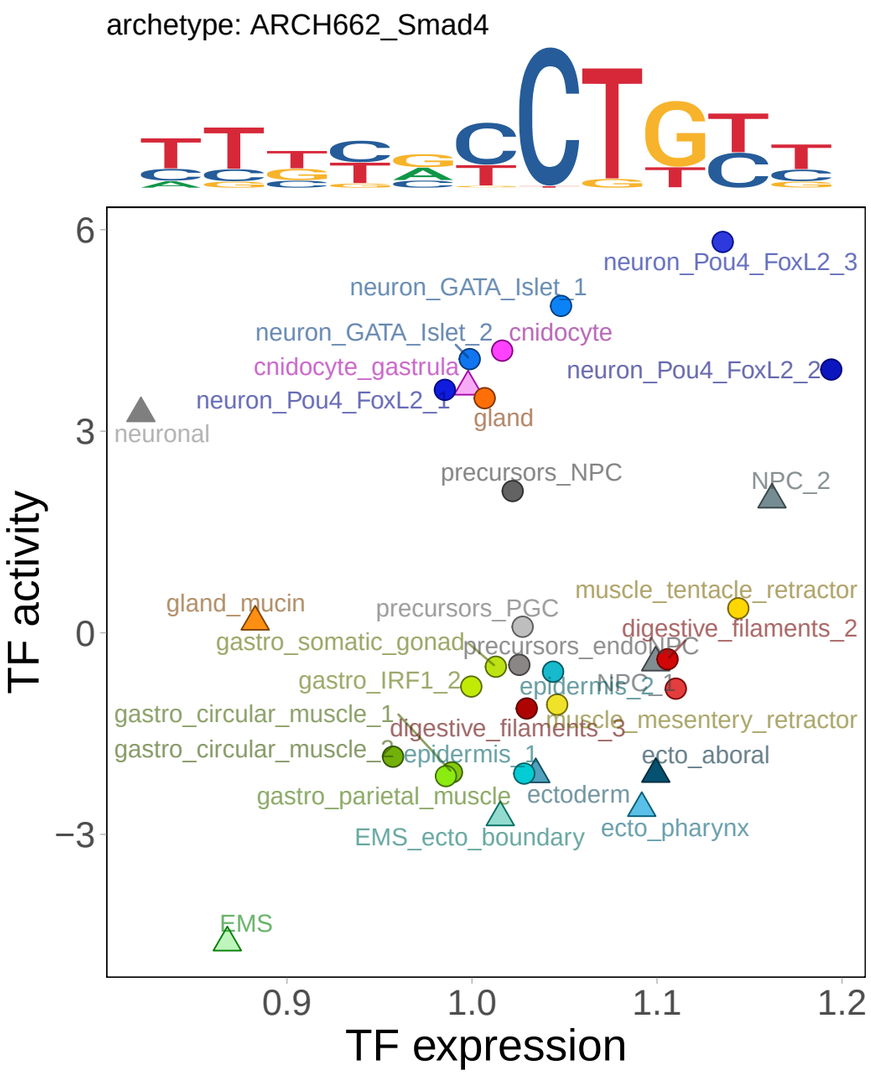


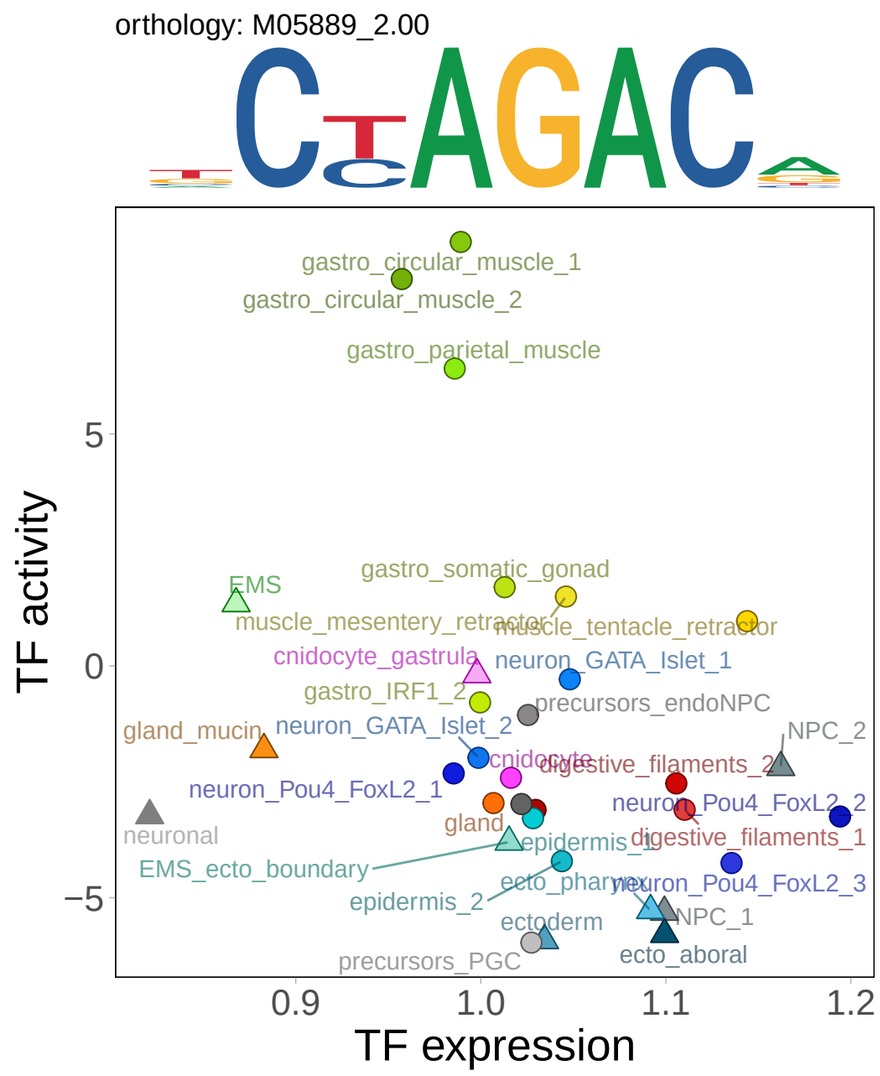


Nvec_vc1.1_XM_001629572.3
OG: Grainyhead_LSF.HG1.0:TFCP2/TFCP2L1/UBP1
PFAM: CP2/SAM_3

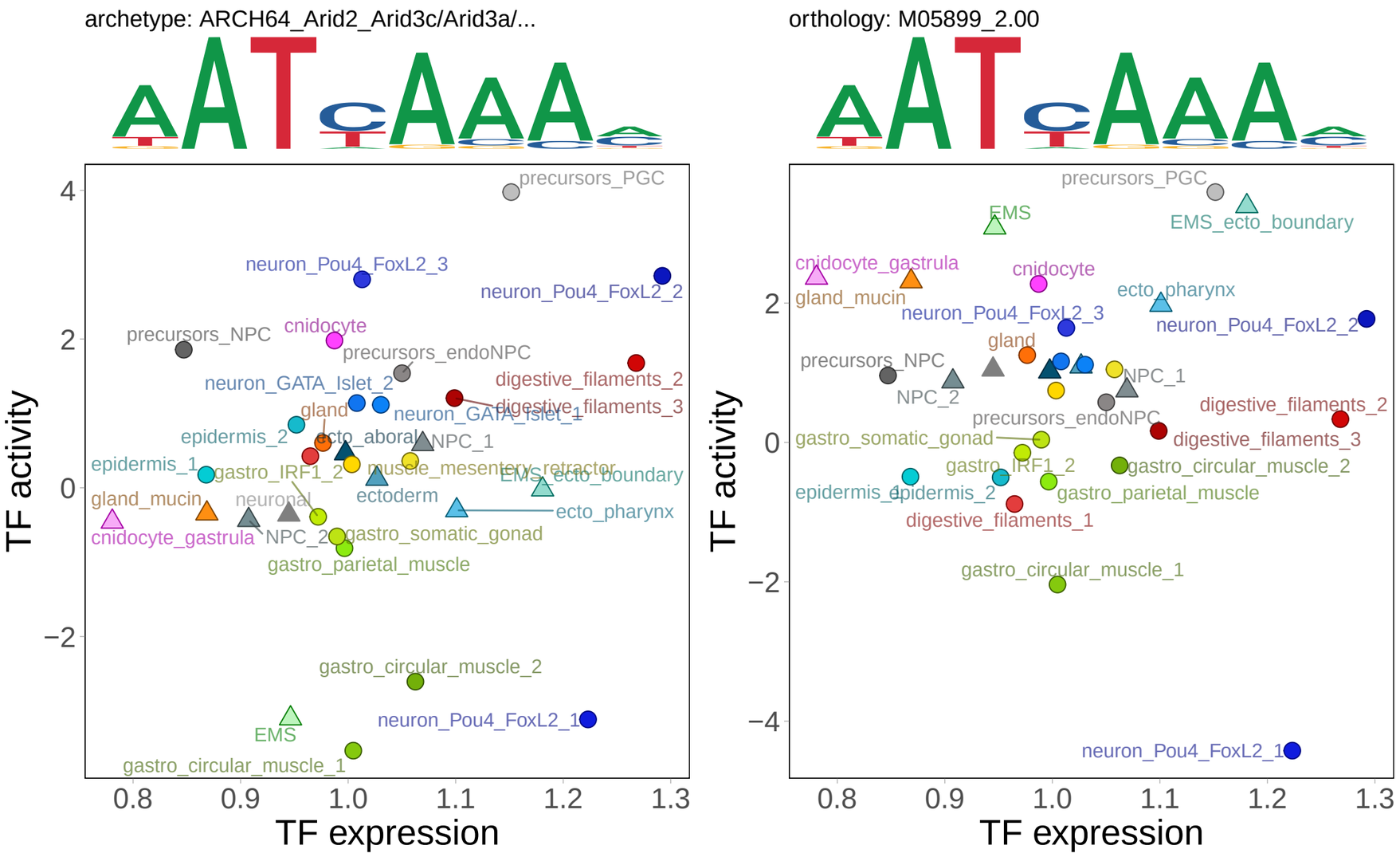


Nvec_vc1.1_XM_001629605.3
OG: SMAD_MH1.HG1.2:like:SMAD4
PFAM: MH1/MH1/zf−HC5HC2H_2/PHD/PHD

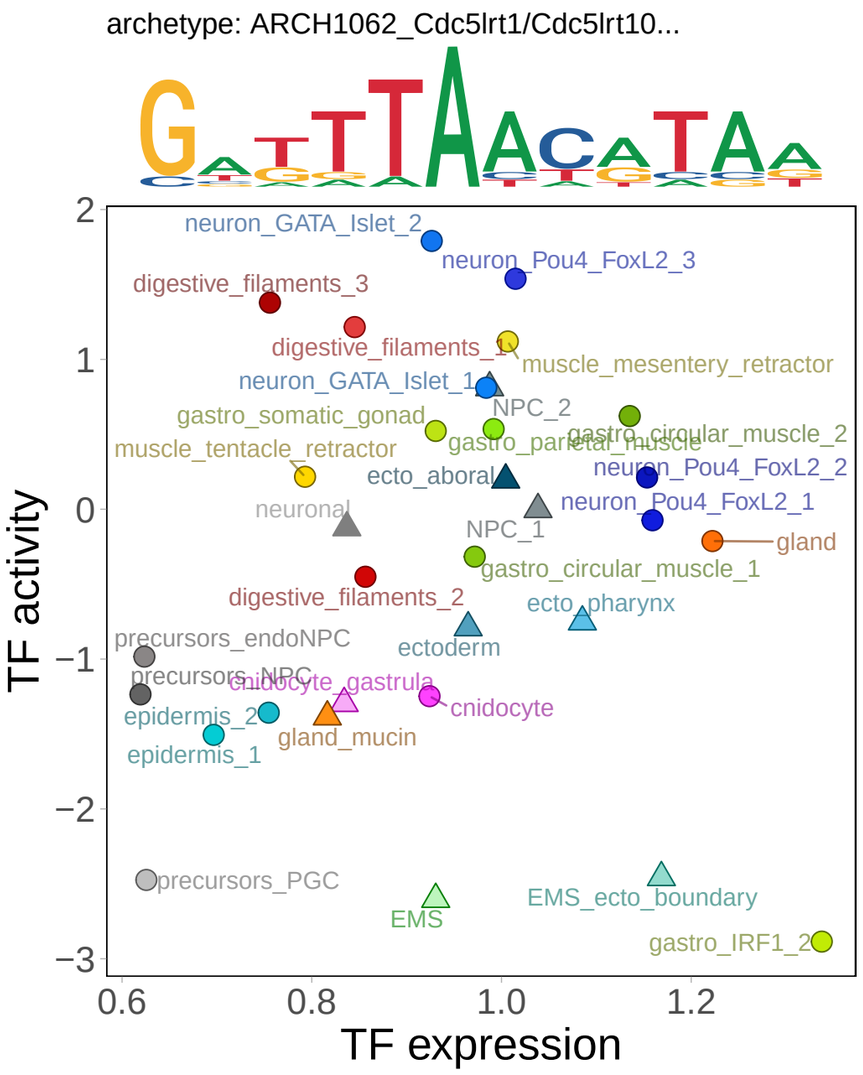


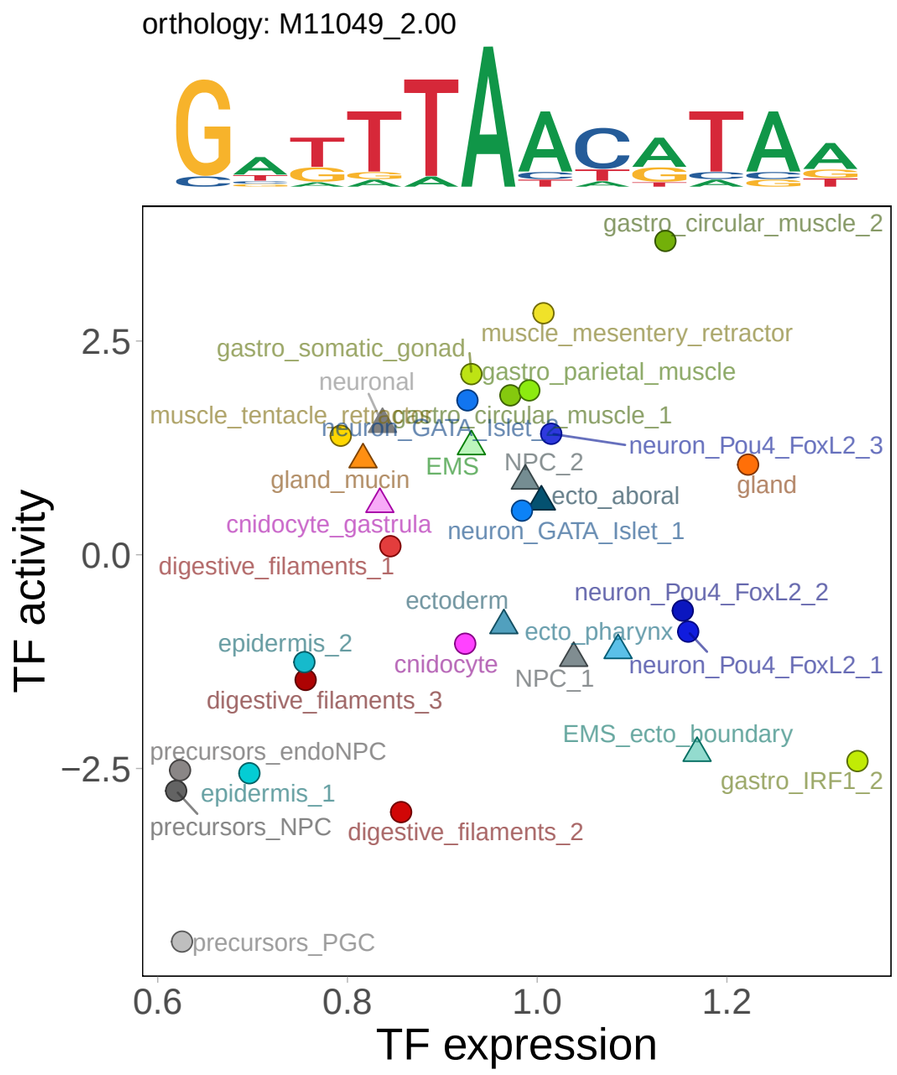


Nvec_vc1.1_XM_001630131.3
OG: ARID_BRIGHT.HG1.2:ARID4A/ARID4B
PFAM: RBB1NT/ARID/Tudor−knot

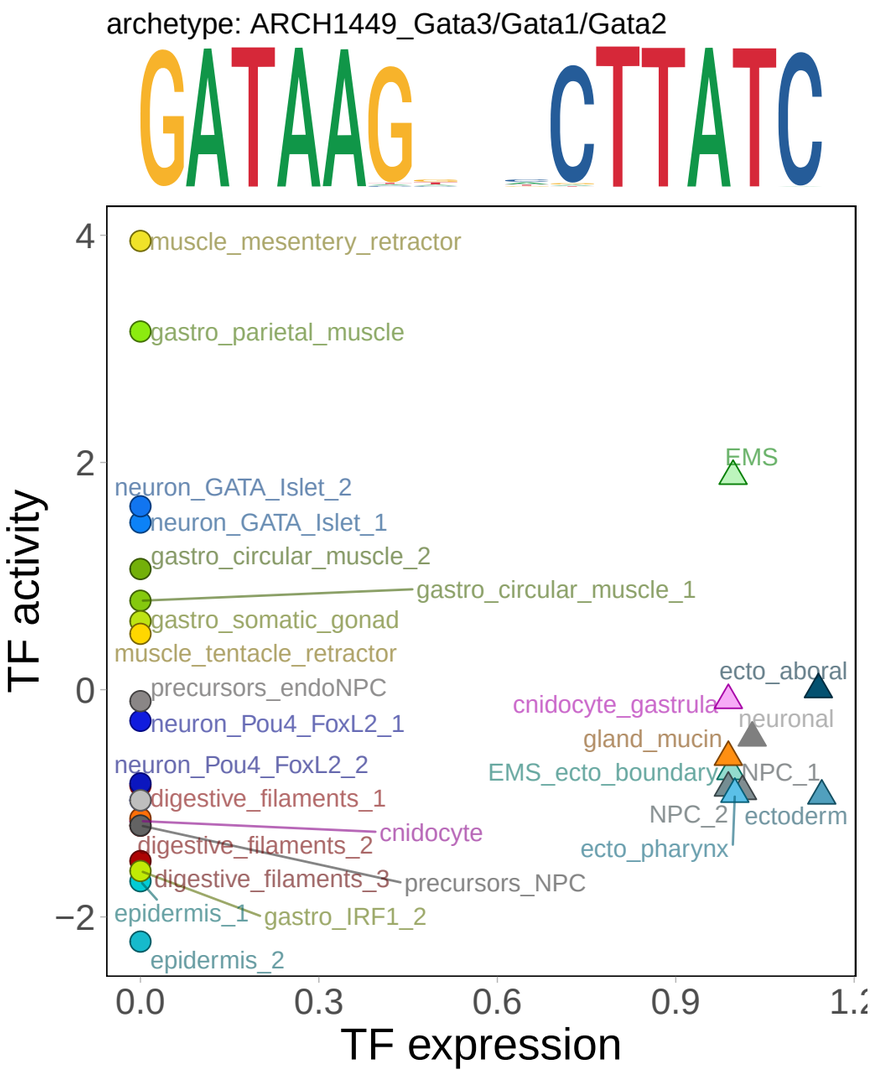


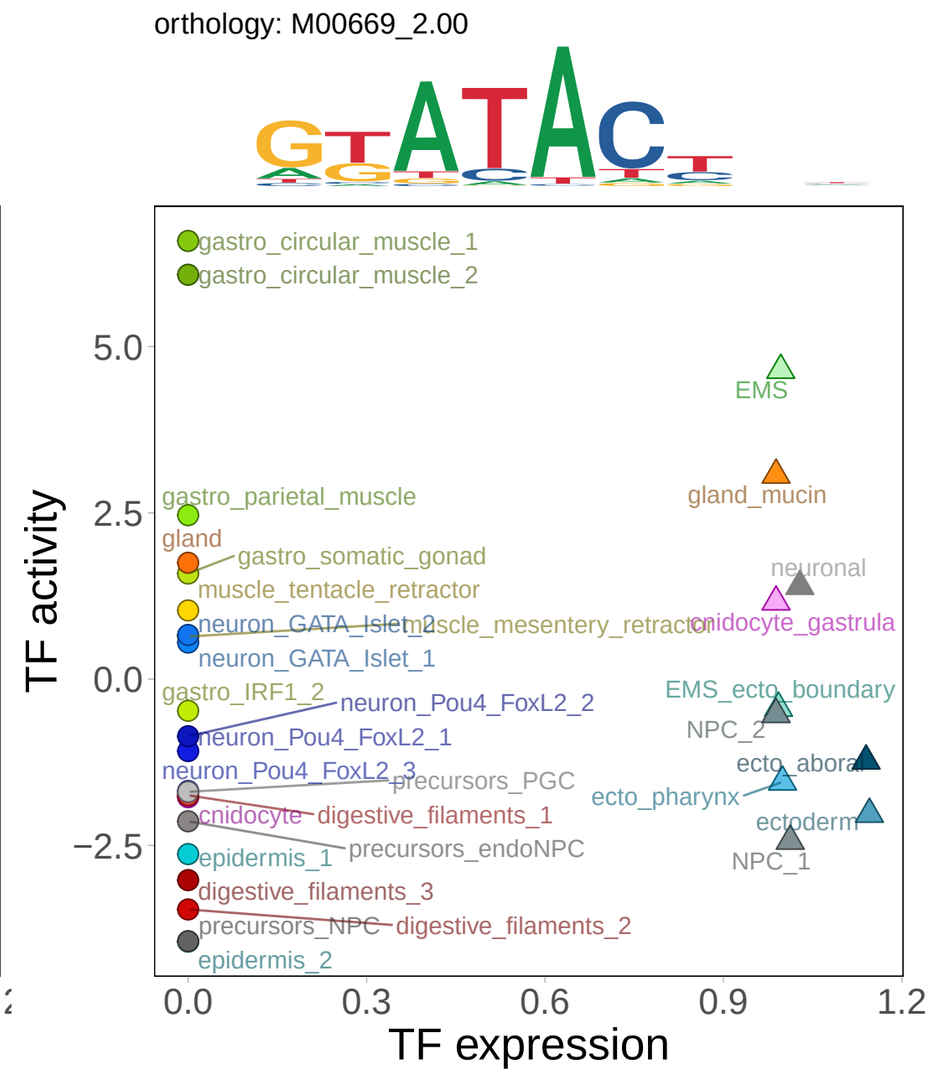
Nvec_vc1.1_XM_001630333.3
OG: Myb.HG1.0:CDC5L
PFAM: Myb_DNA−bind_6/Myb_Cef



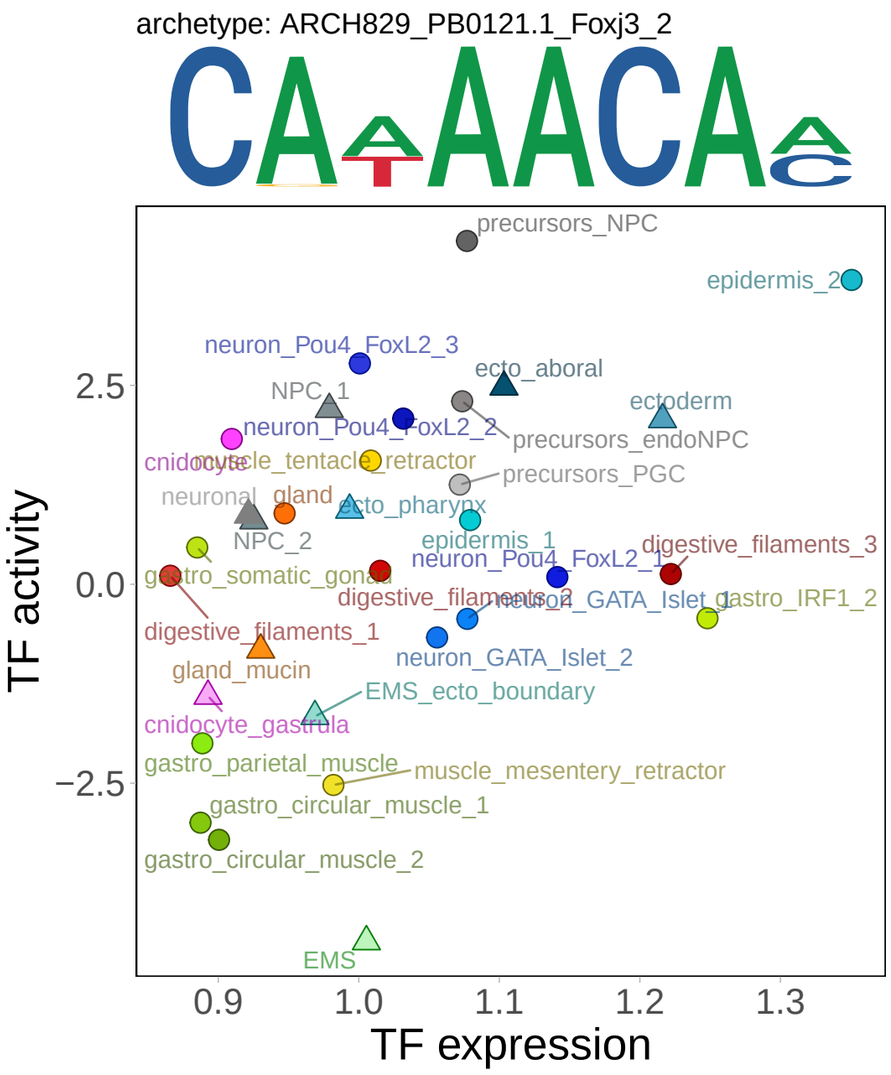


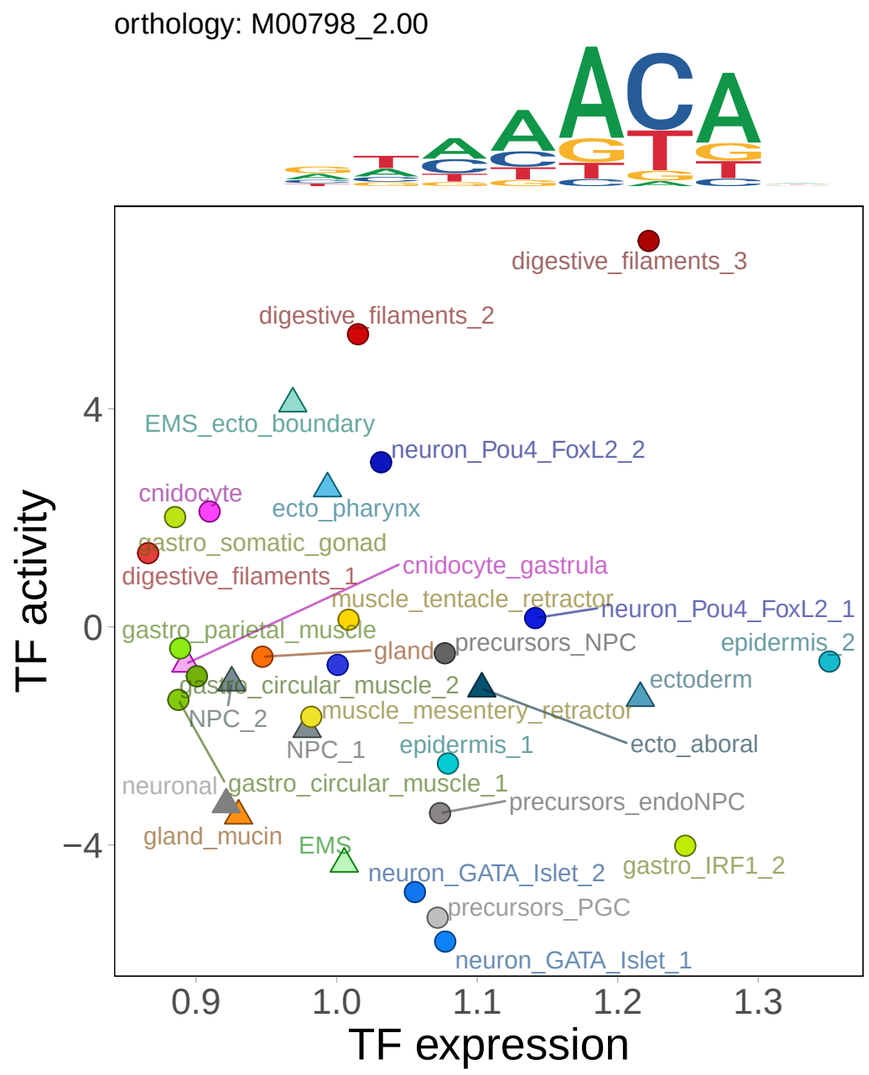
Nvec_vc1.1_XM_001630356.3
OG: GATA.HG1.4:ZGLP1
PFAM: GATA



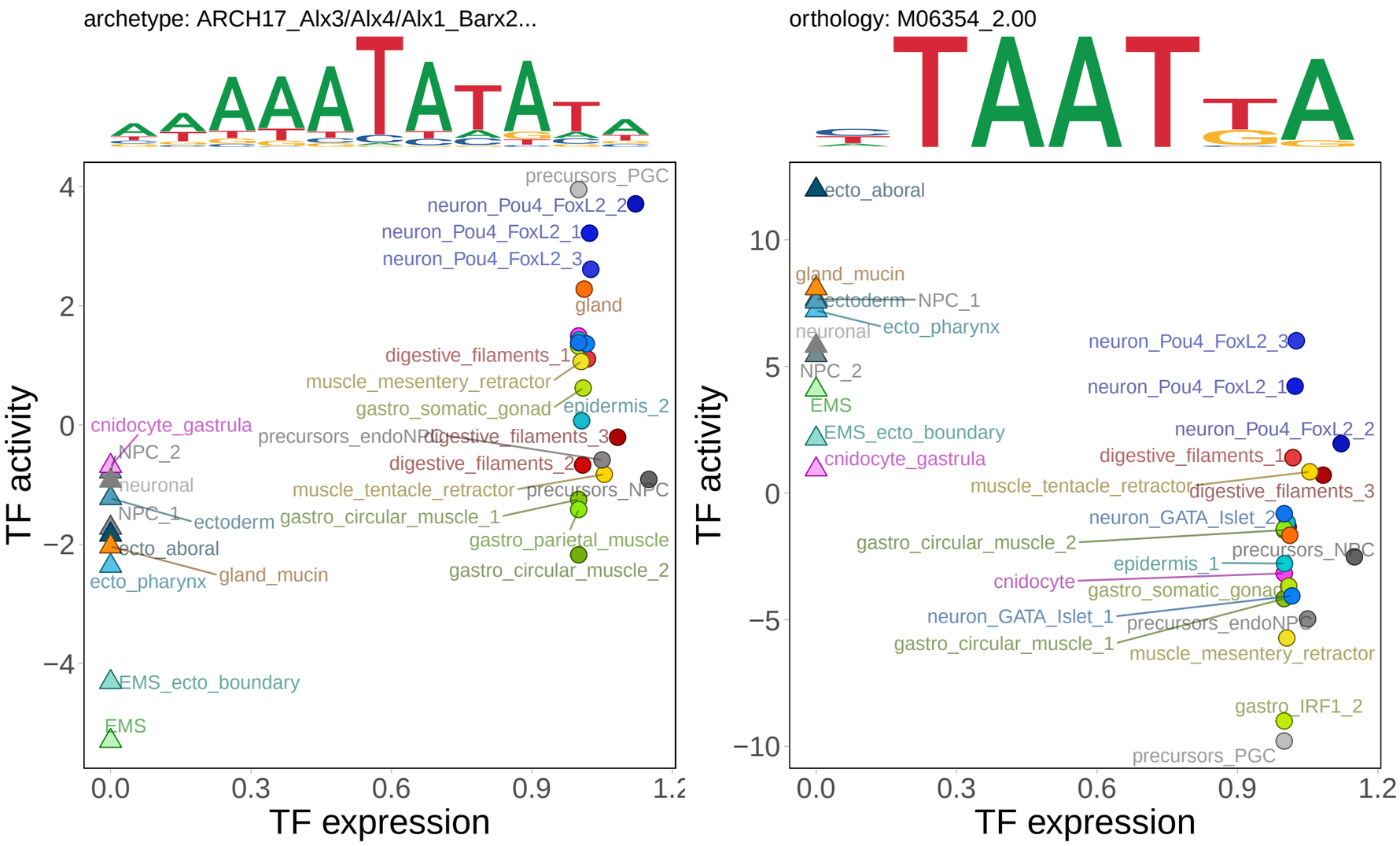


Nvec_vc1.1_XM_001630363.3
OG: Forkhead.HG1.29:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6
PFAM: Forkhead/FOXO−TAD

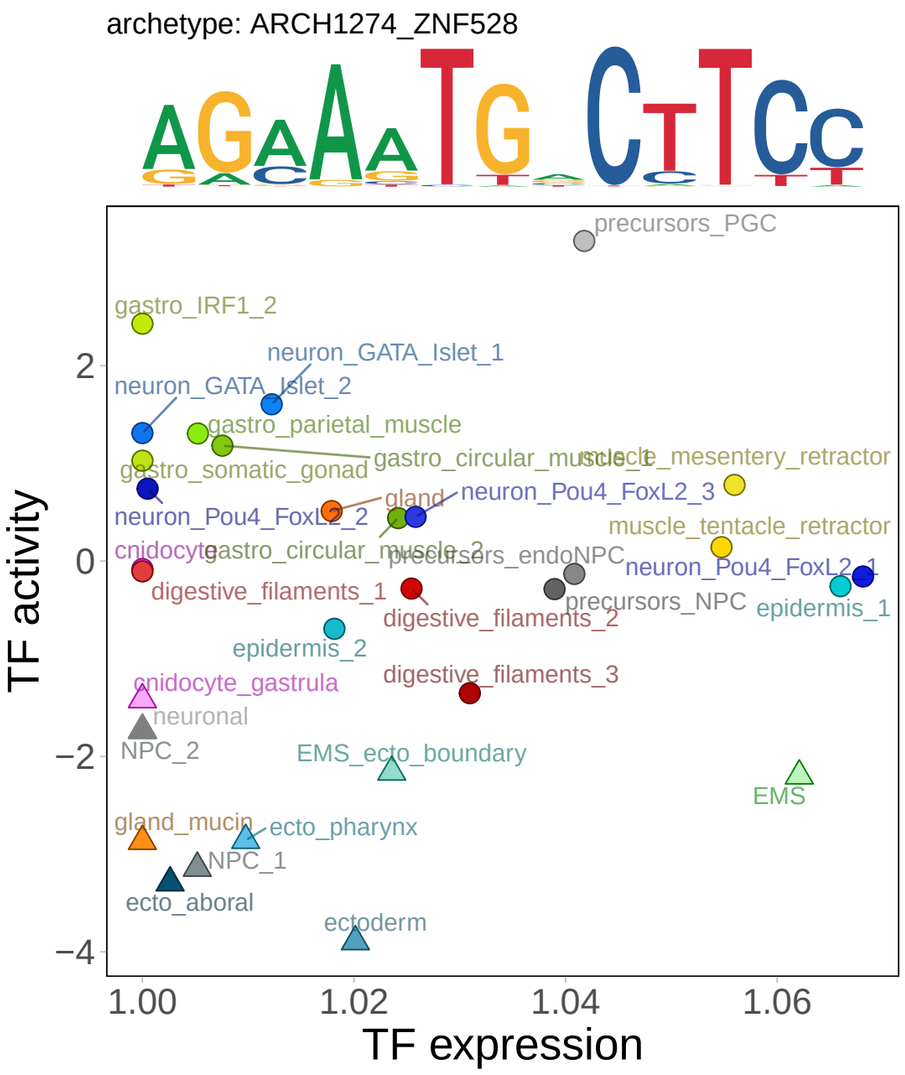




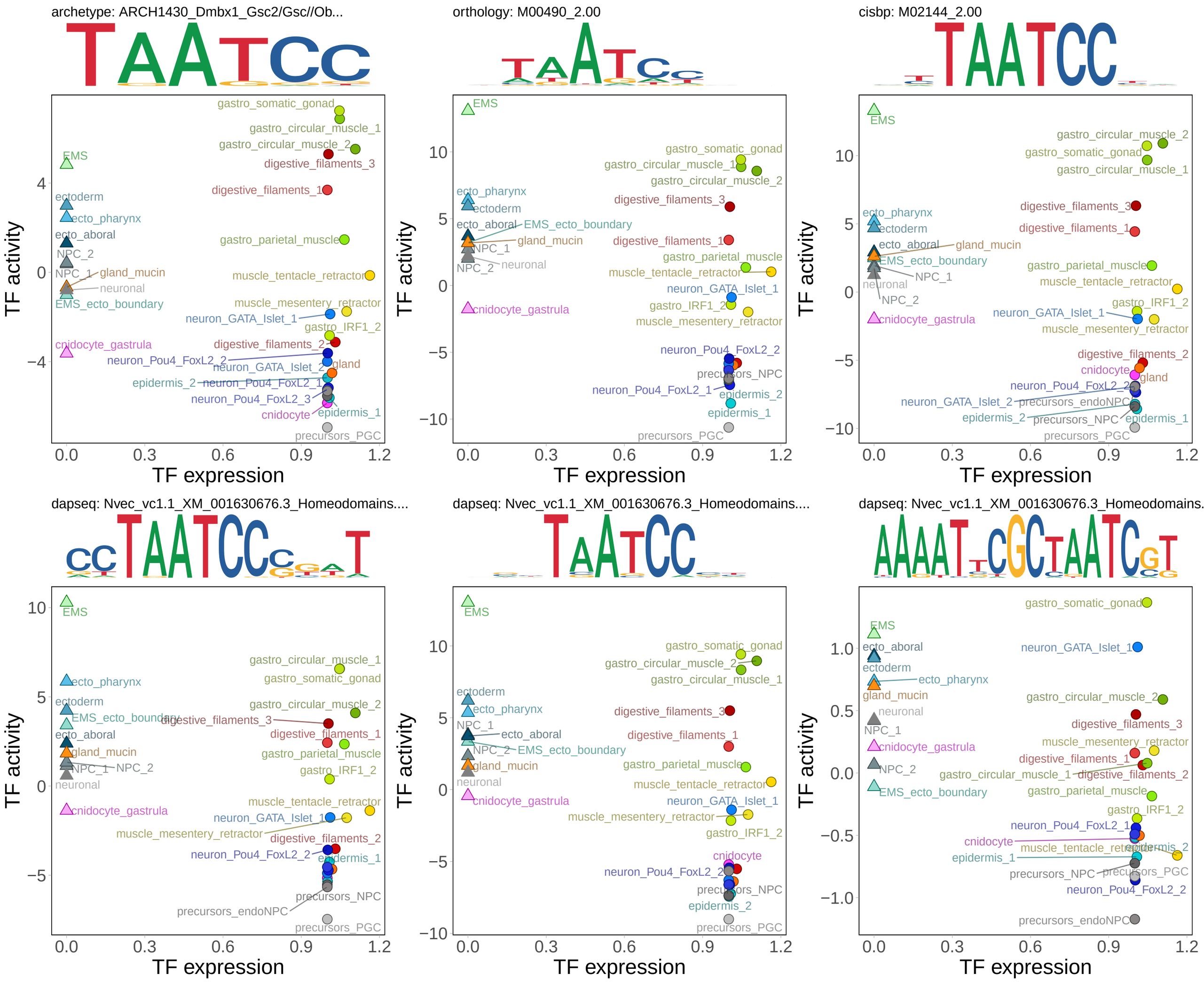
Nvec_vc1.1_XM_001630519.3
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain



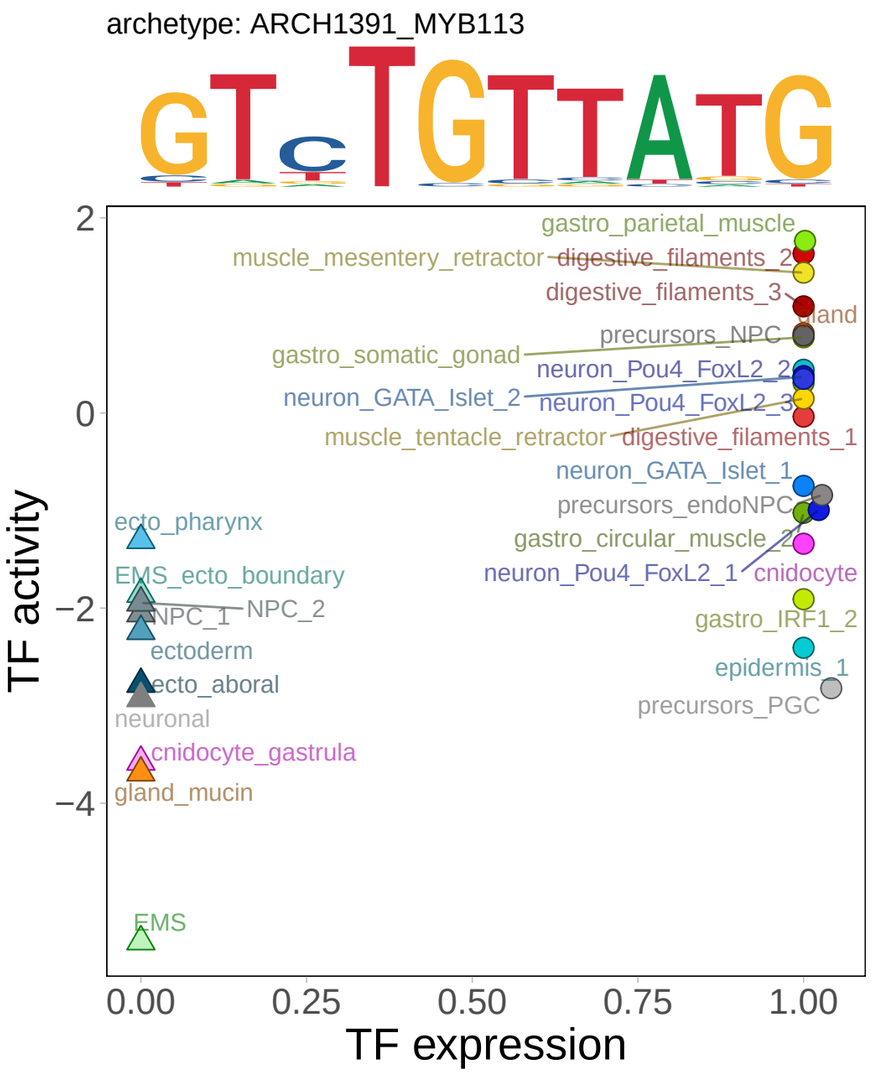
Nvec_vc1.1_XM_001630559.3
OG: zf−C2H2.HG19.0:ZNF496
PFAM: zf−C2H2/zf−C2H2_4/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

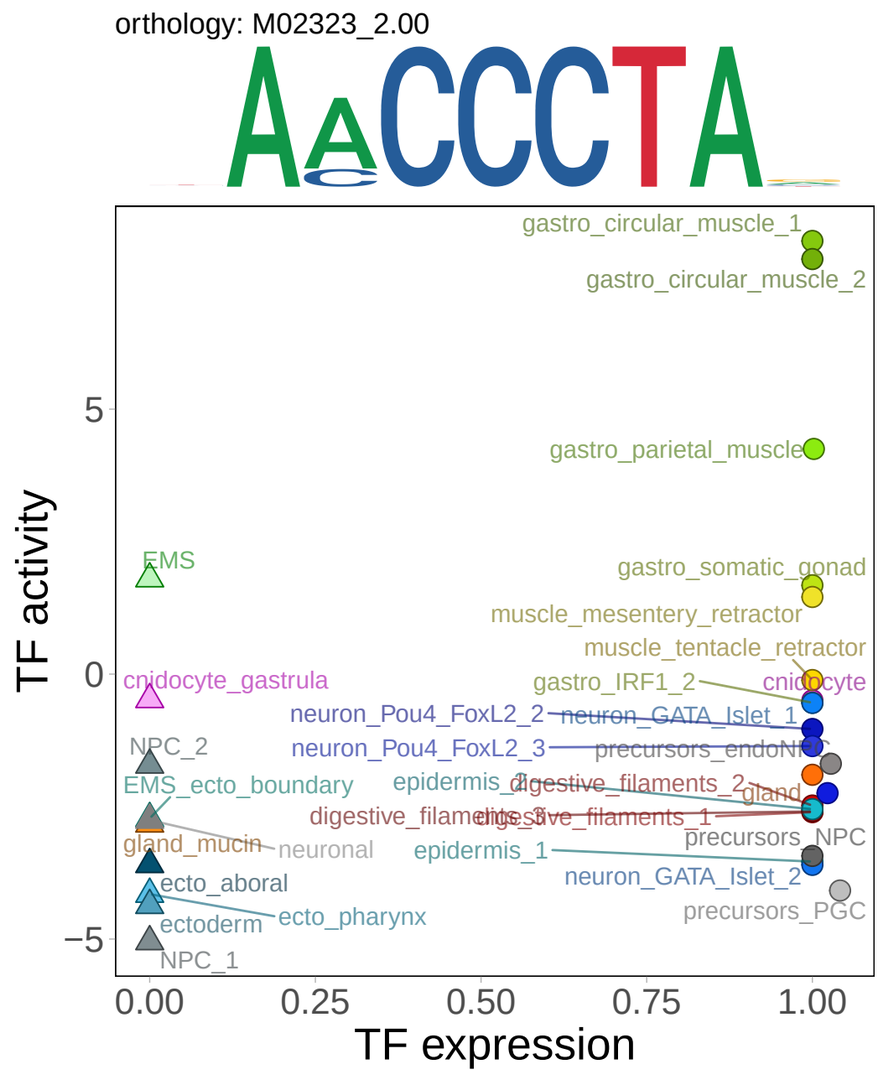


Nvec_vc1.1_XM_001630676.3
OG: Homeodomains.HG2.68:like:ARX/OTP
PFAM: Homeodomain

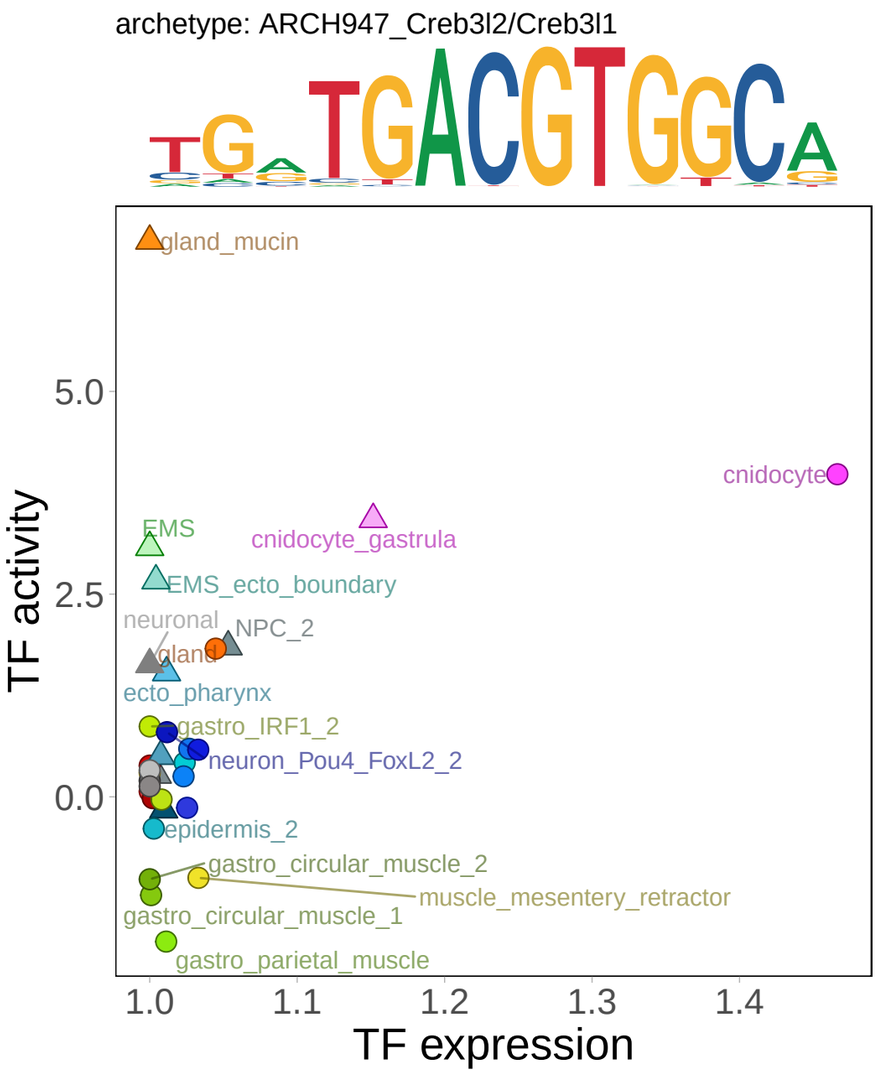


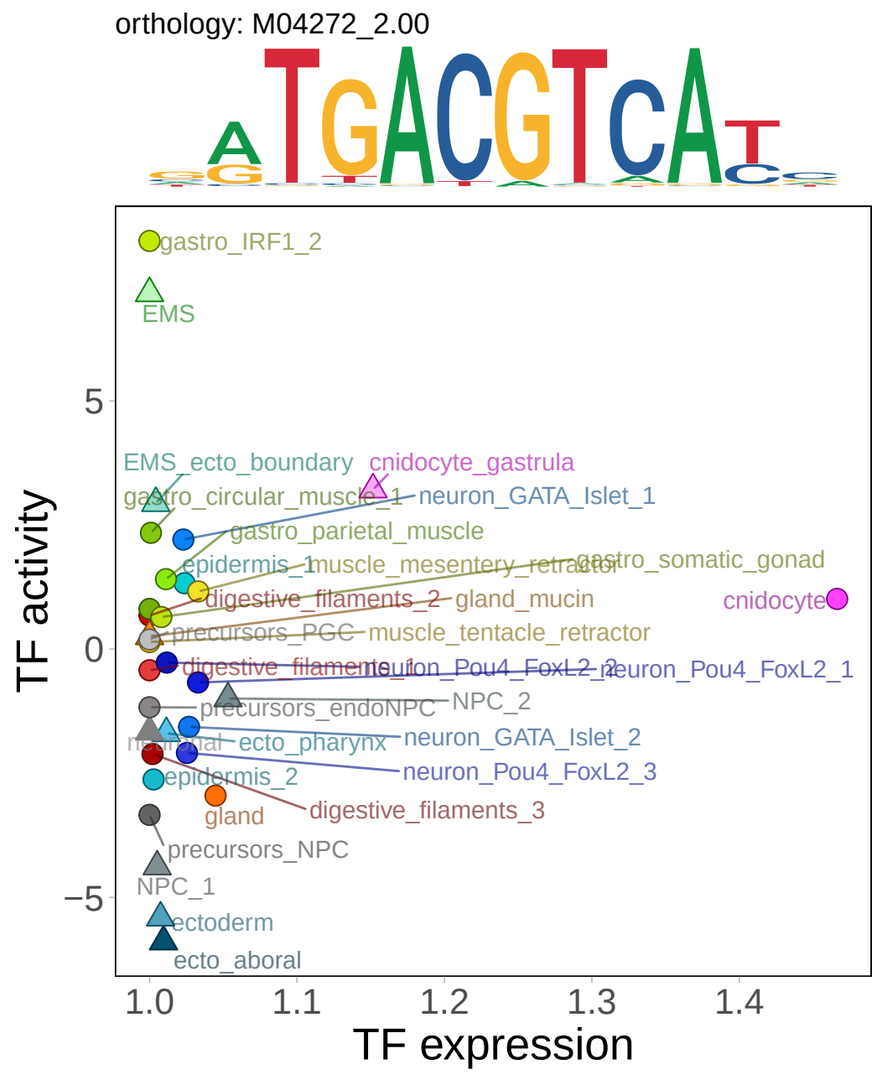
Nvec_vc1.1_XM_001630974.3
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding



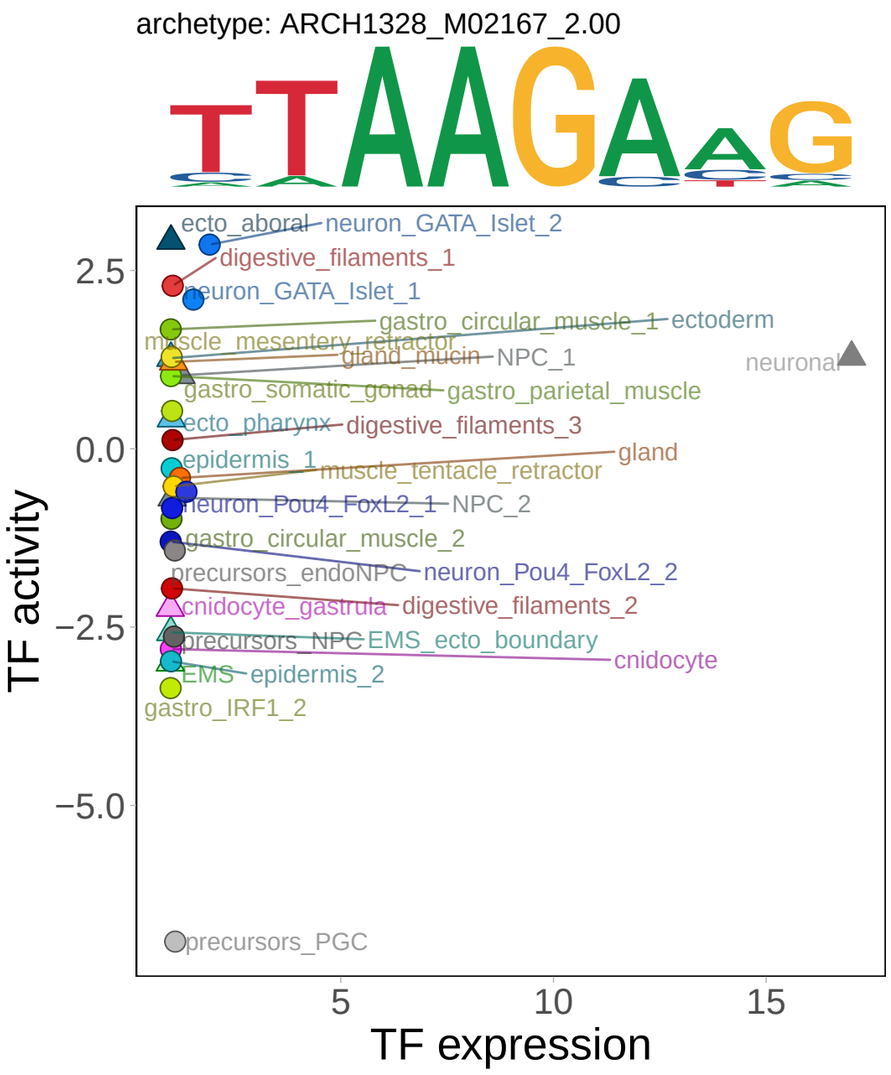


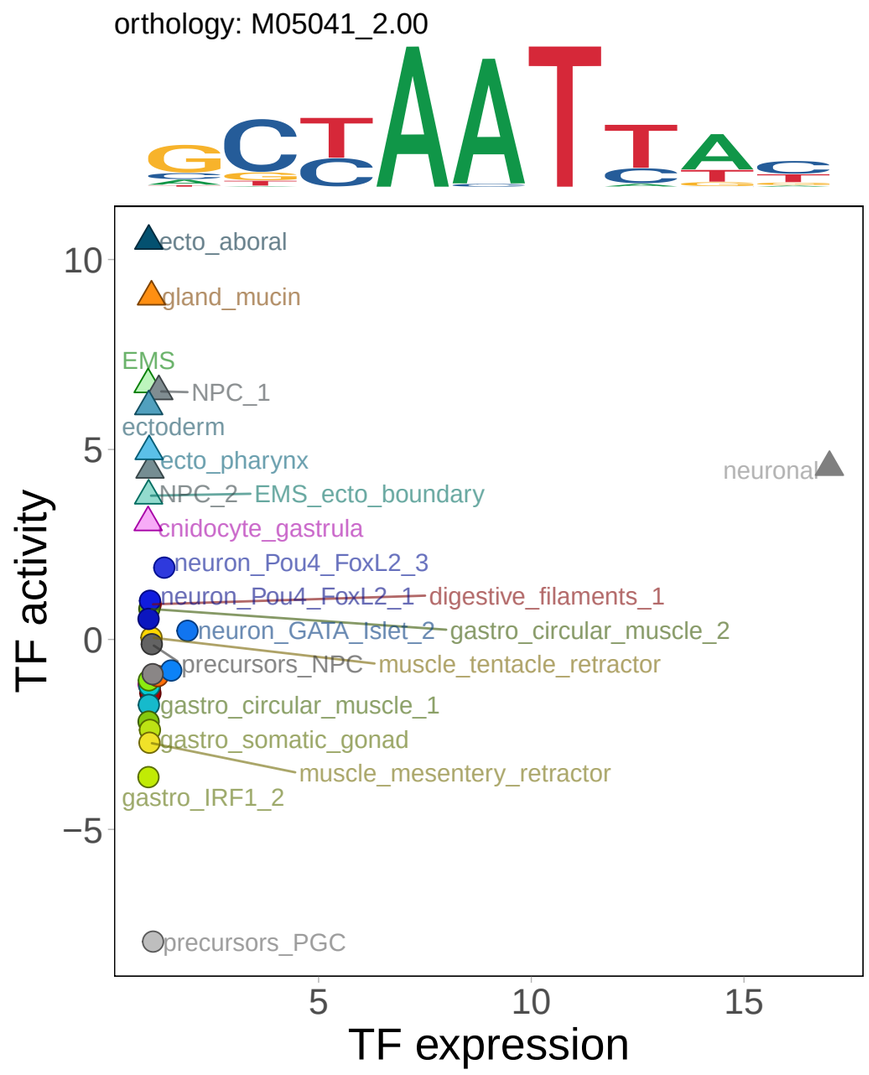
Nvec_vc1.1_XM_001631093.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1



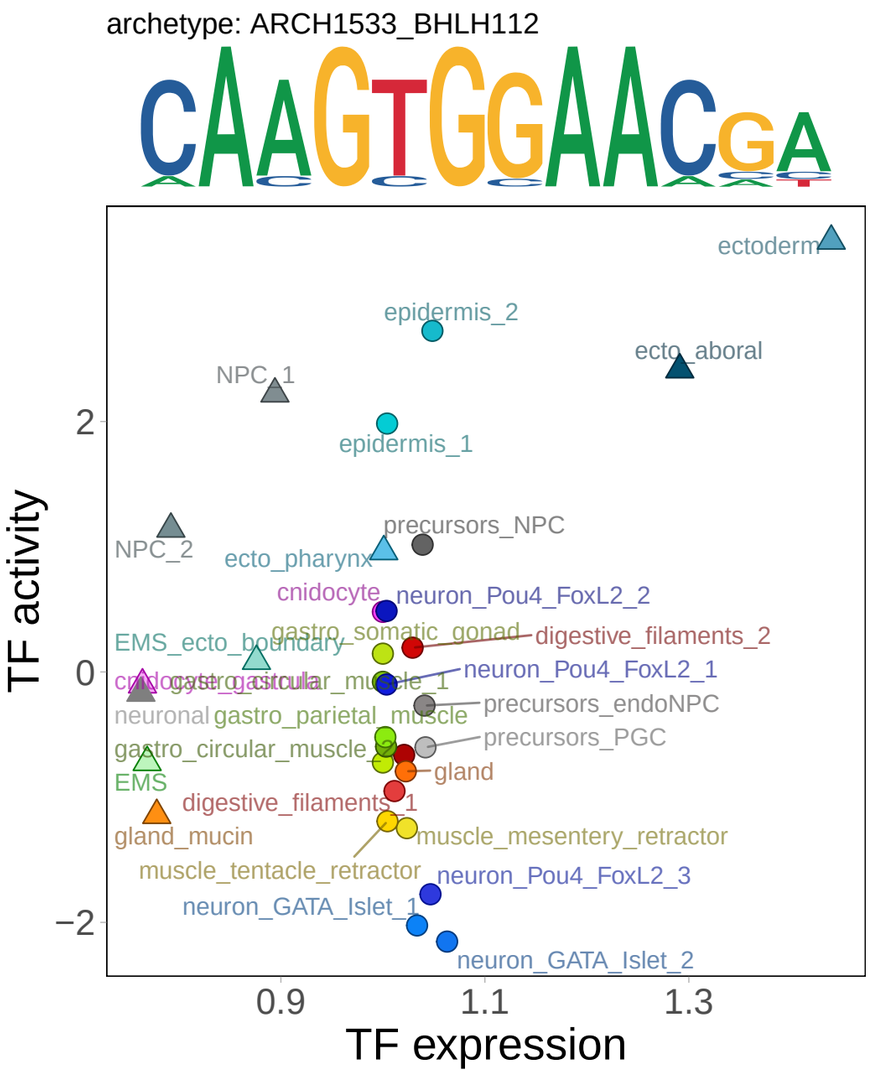


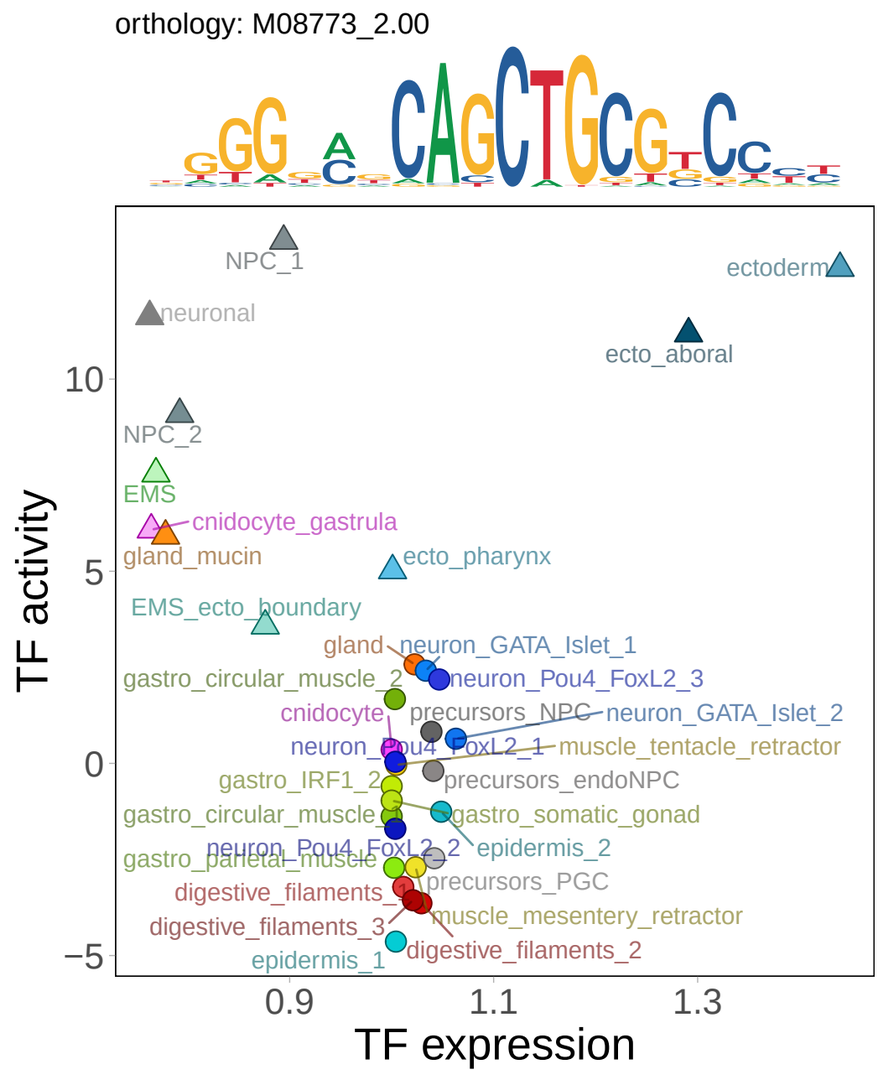
Nvec_vc1.1_XM_001631173.3
OG: Homeodomains.HG2.62:VSX1/VSX2
PFAM: Homeodomain



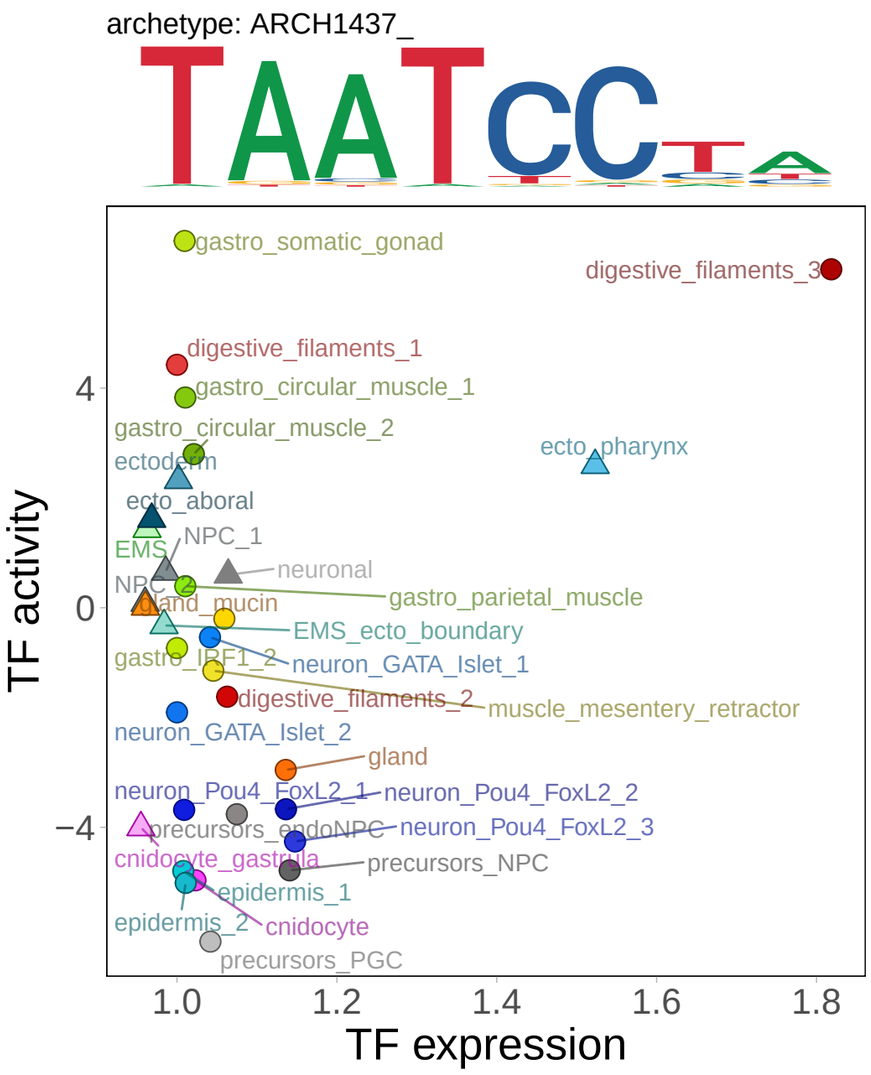


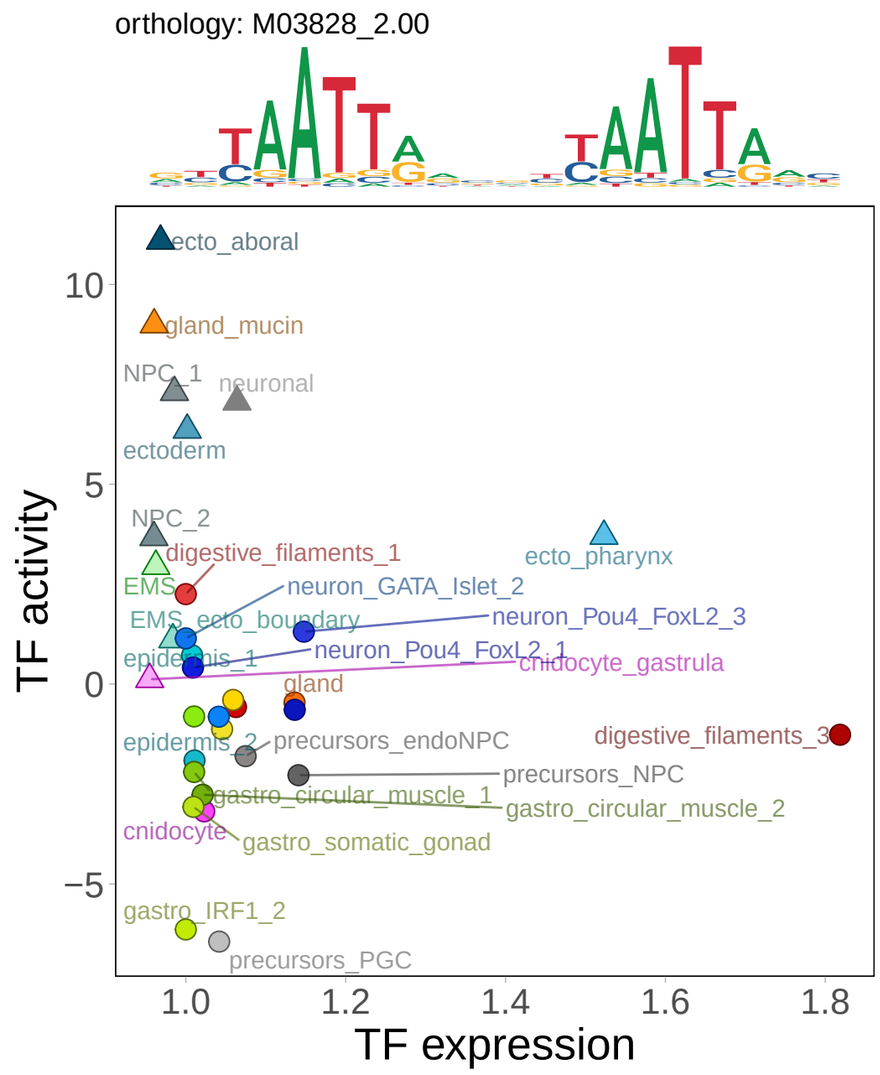
Nvec_vc1.1_XM_001631326.3
OG: HLH.HG1.72:BHLHA9
PFAM: HLH





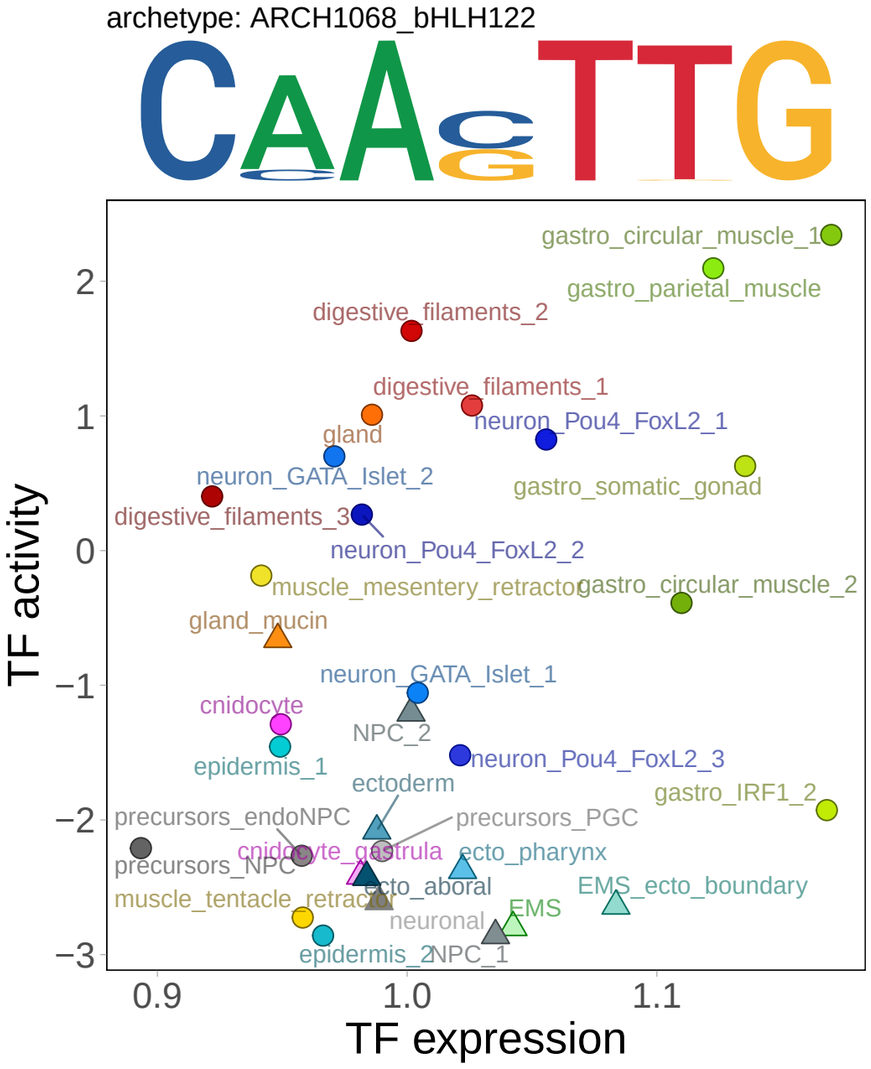
Nvec_vc1.1_XM_001631375.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR



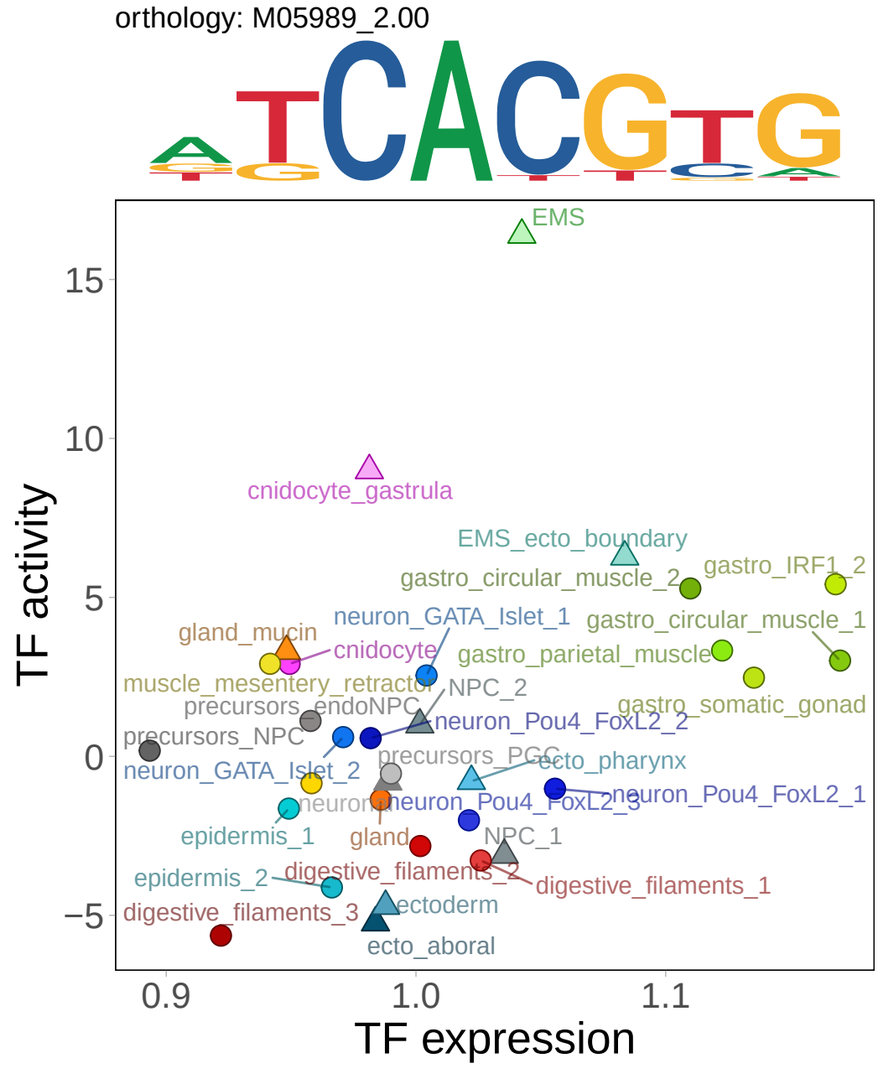


Nvec_vc1.1_XM_001631403.3
OG: HLH.HG1.14:MLXIP/MLXIPL
PFAM: HLH

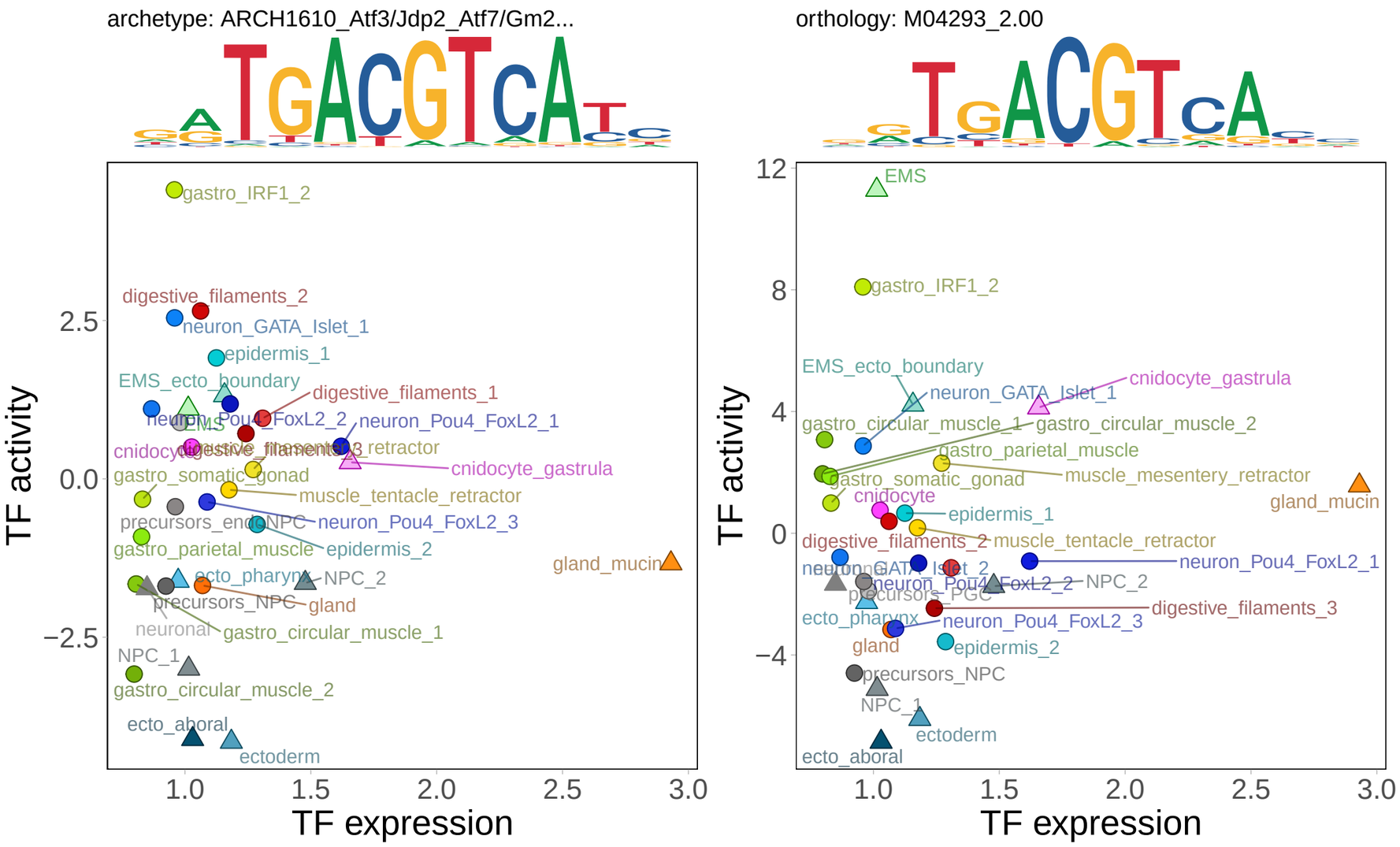
archetype: ARCH1068_bHLH122



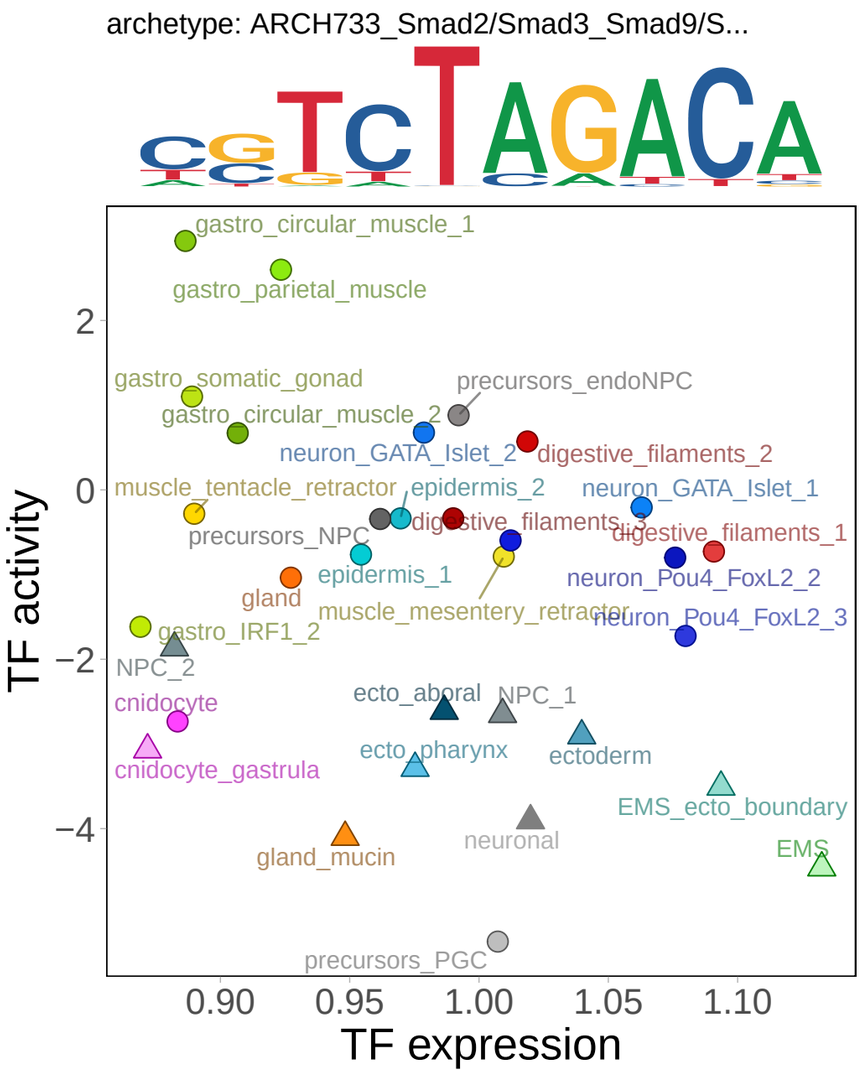
orthology: M05989_2.00

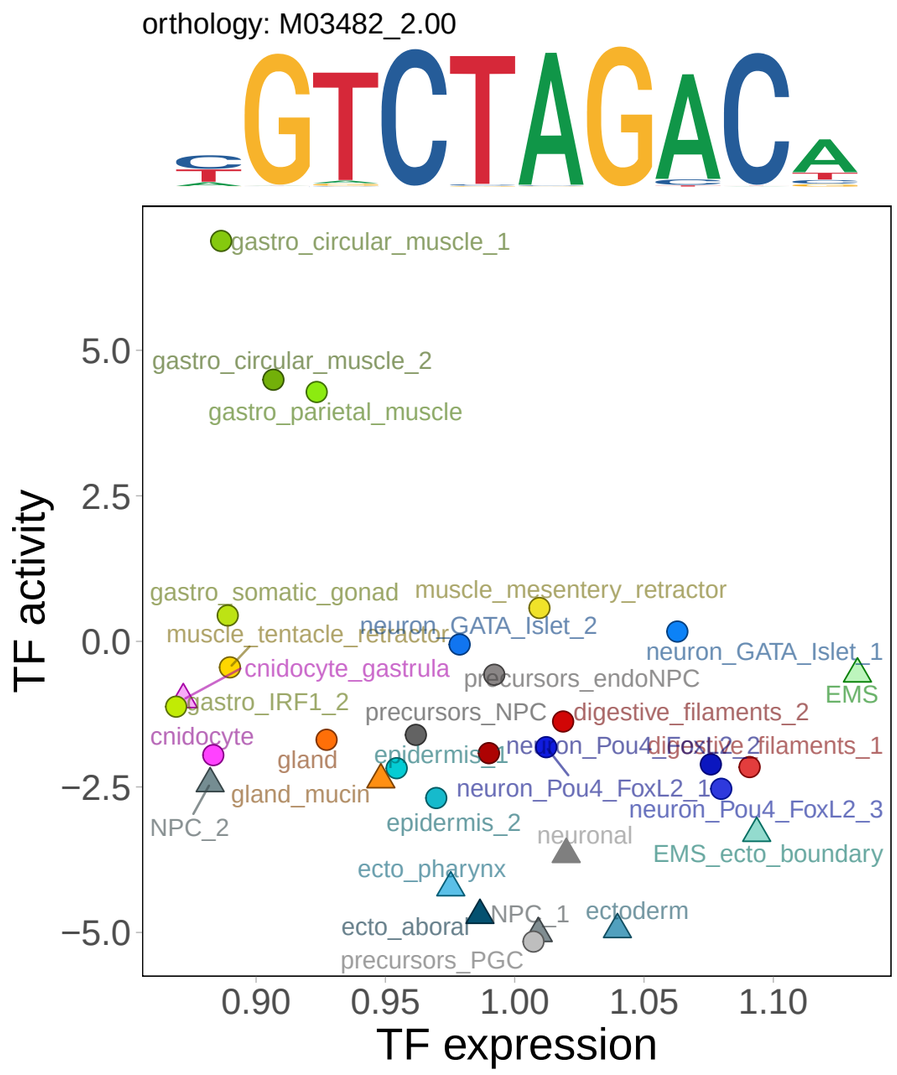


Nvec_vc1.1_XM_001631543.3
OG: bZIP.HG1.15:CREB3/CREB3L1/CREB3L2/CREB3L3/CREB3L4
PFAM: bZIP_1

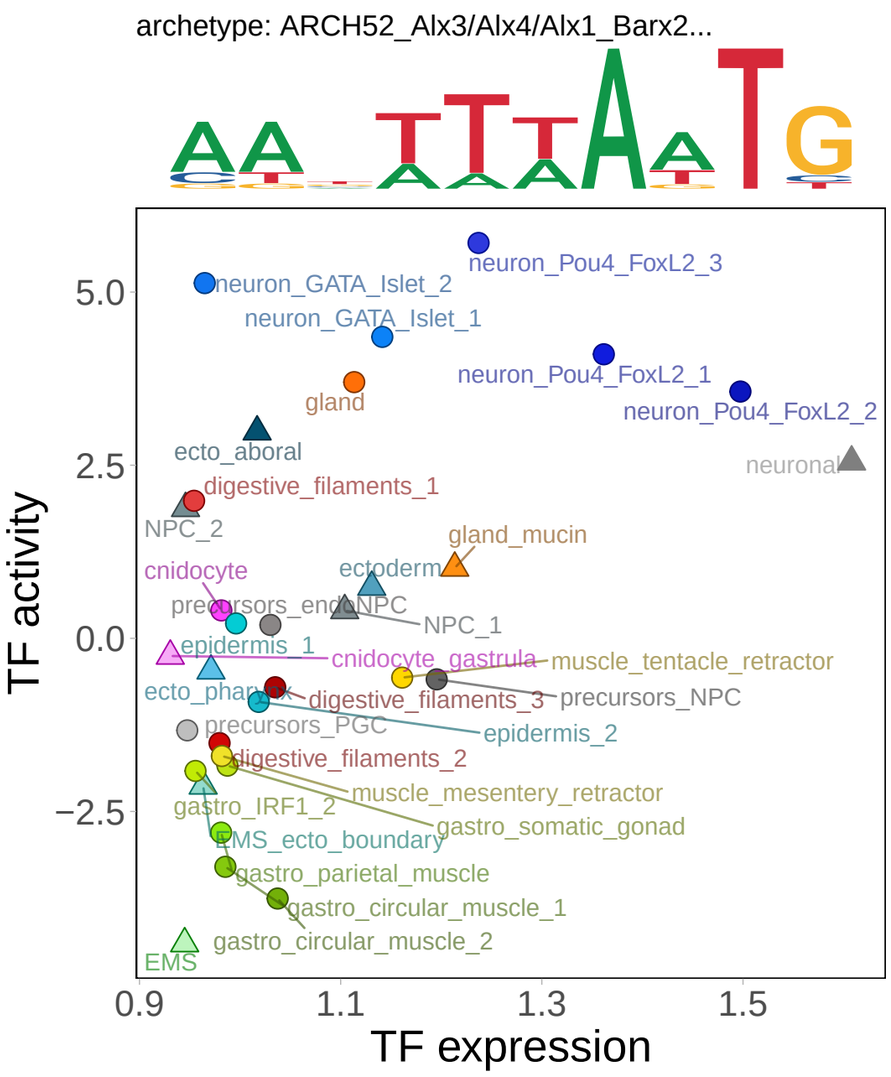


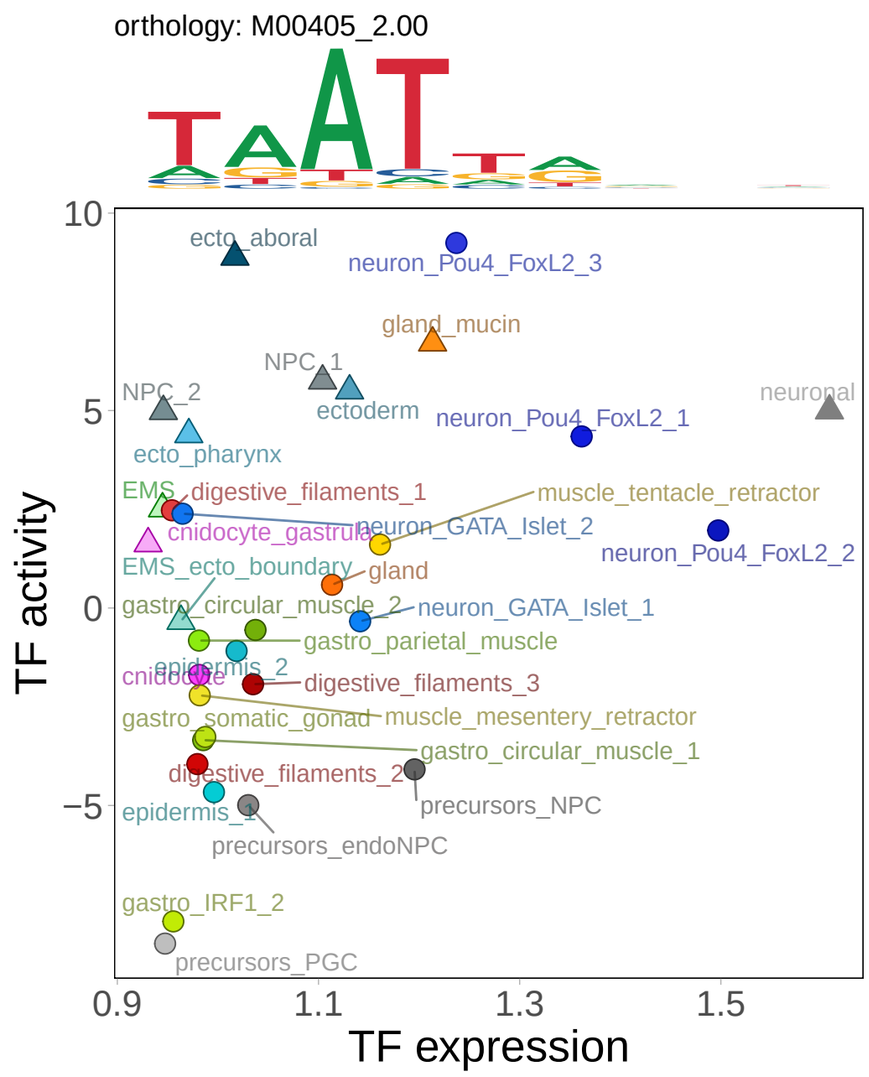
Nvec_vc1.1_XM_001631607.3
OG: SMAD_MH1.HG1.5:like:SMAD1/SMAD5/SMAD9
PFAM: MH1/MH2



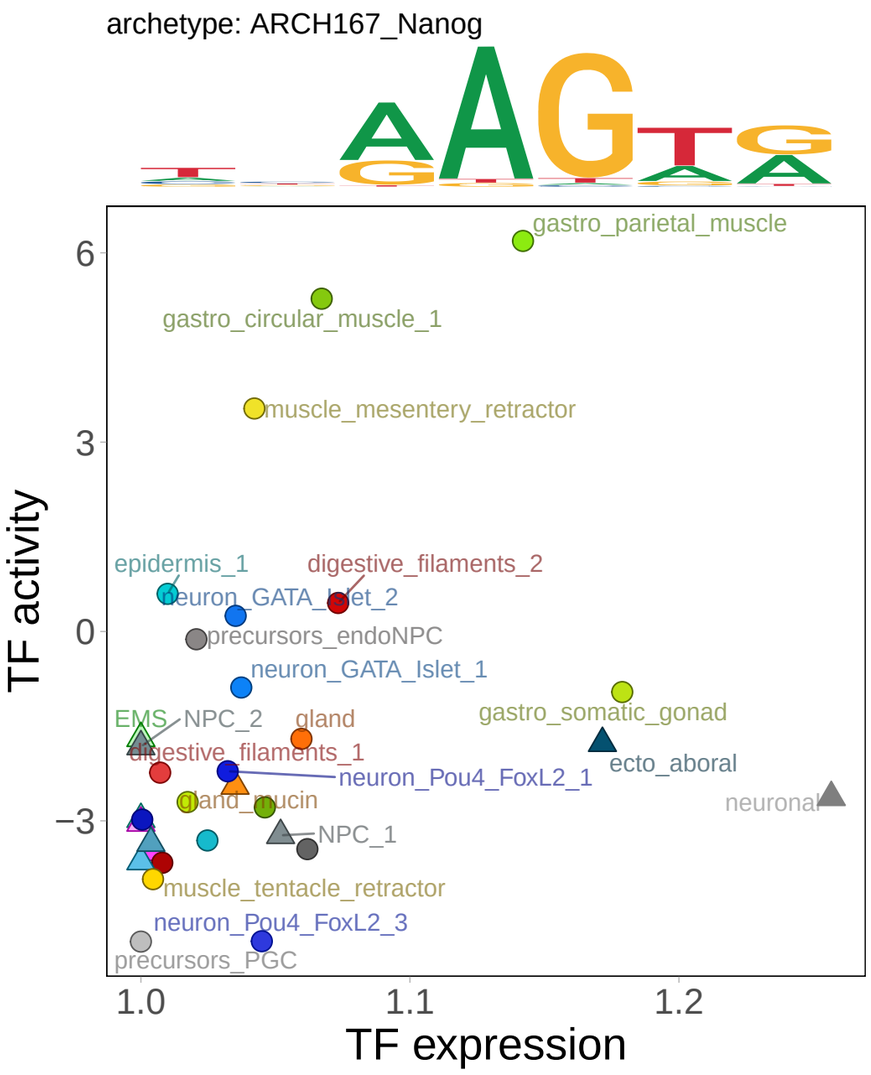


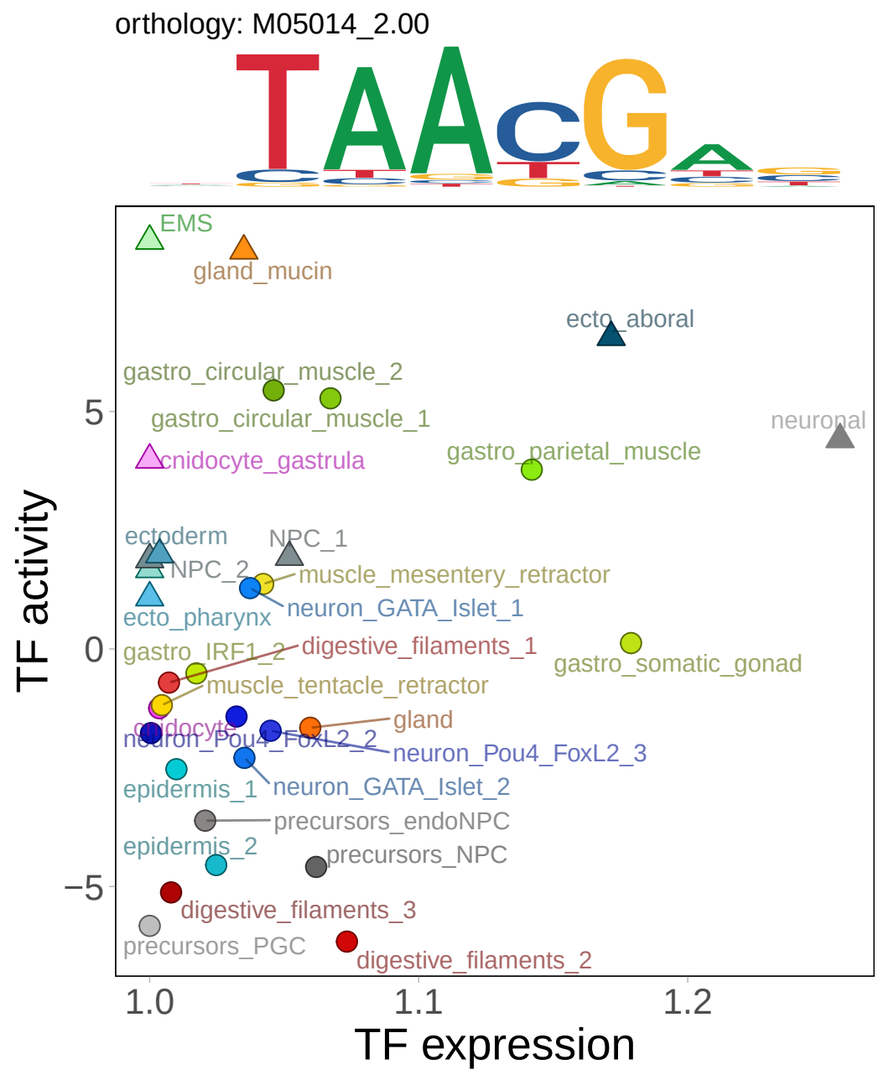
Nvec_vc1.1_XM_001631673.3
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX4/LHX5/LMX1A/LMX1B
PFAM: LIM/LIM/Homeodomain



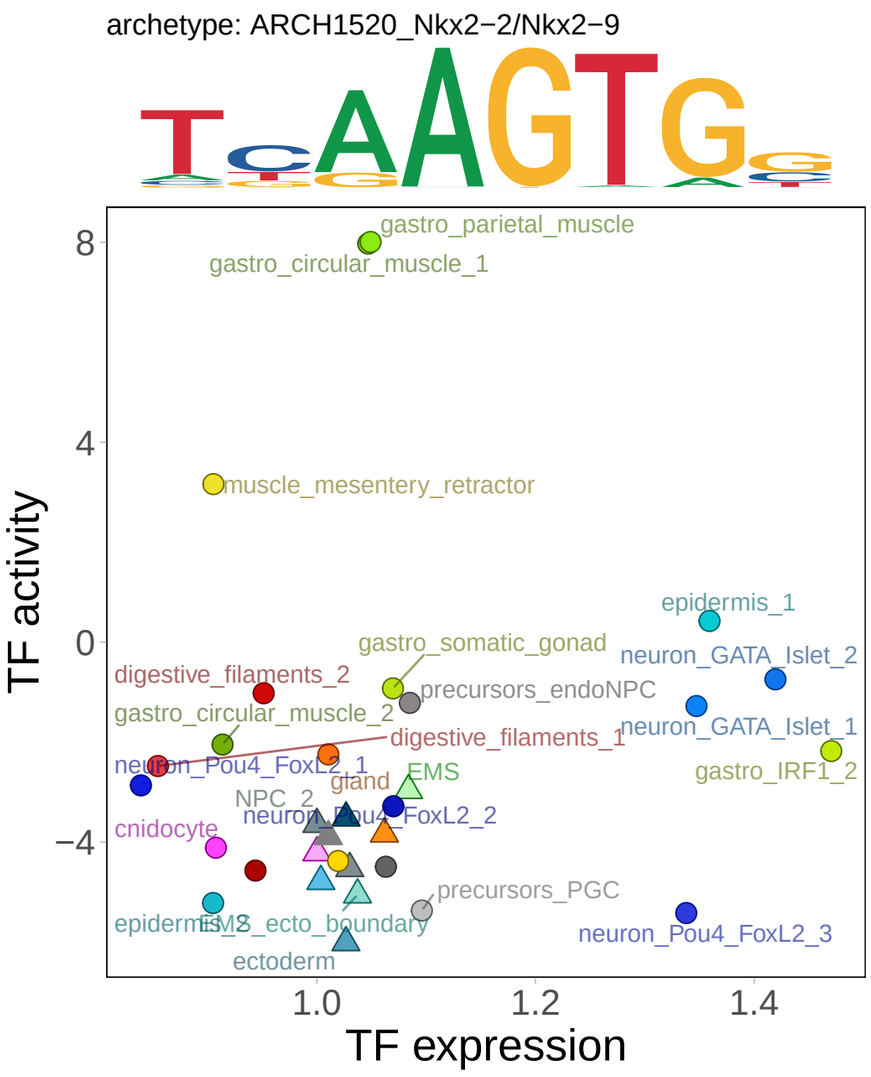


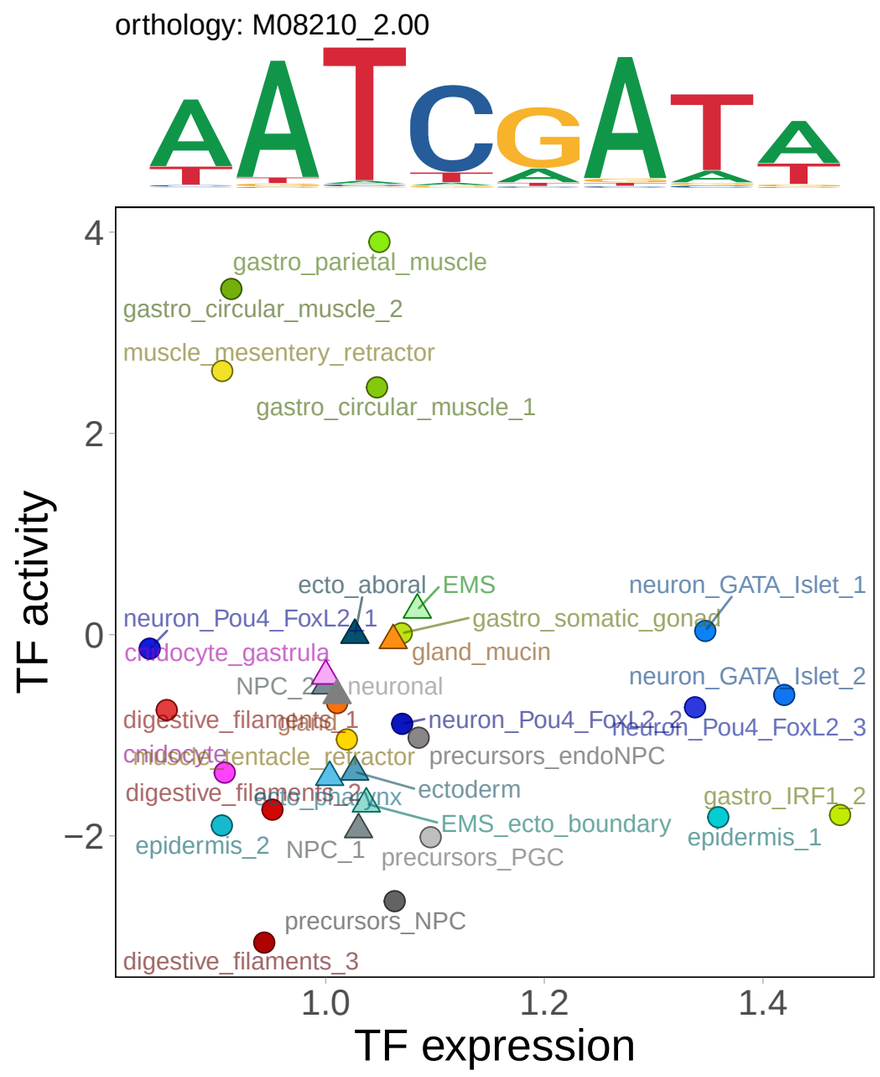
Nvec_vc1.1_XM_001632367.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NKX2−8/NKX3−1/NKX
PFAM: Homeodomain



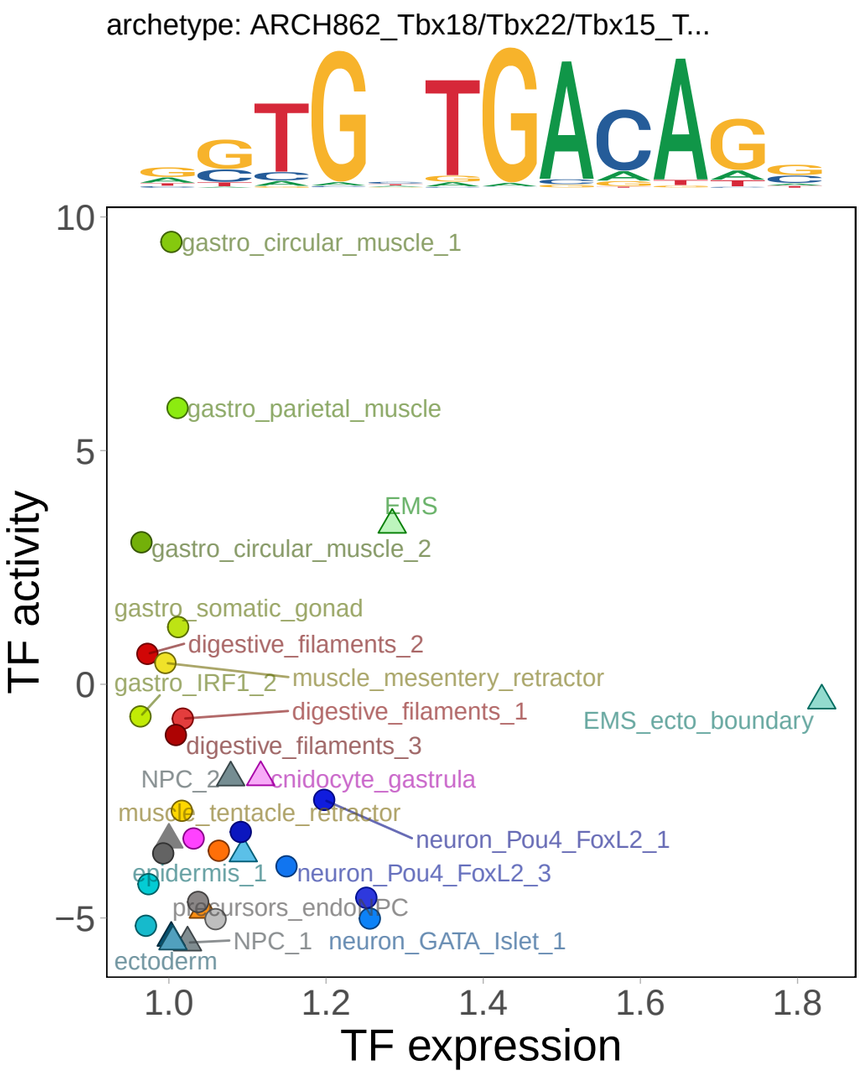


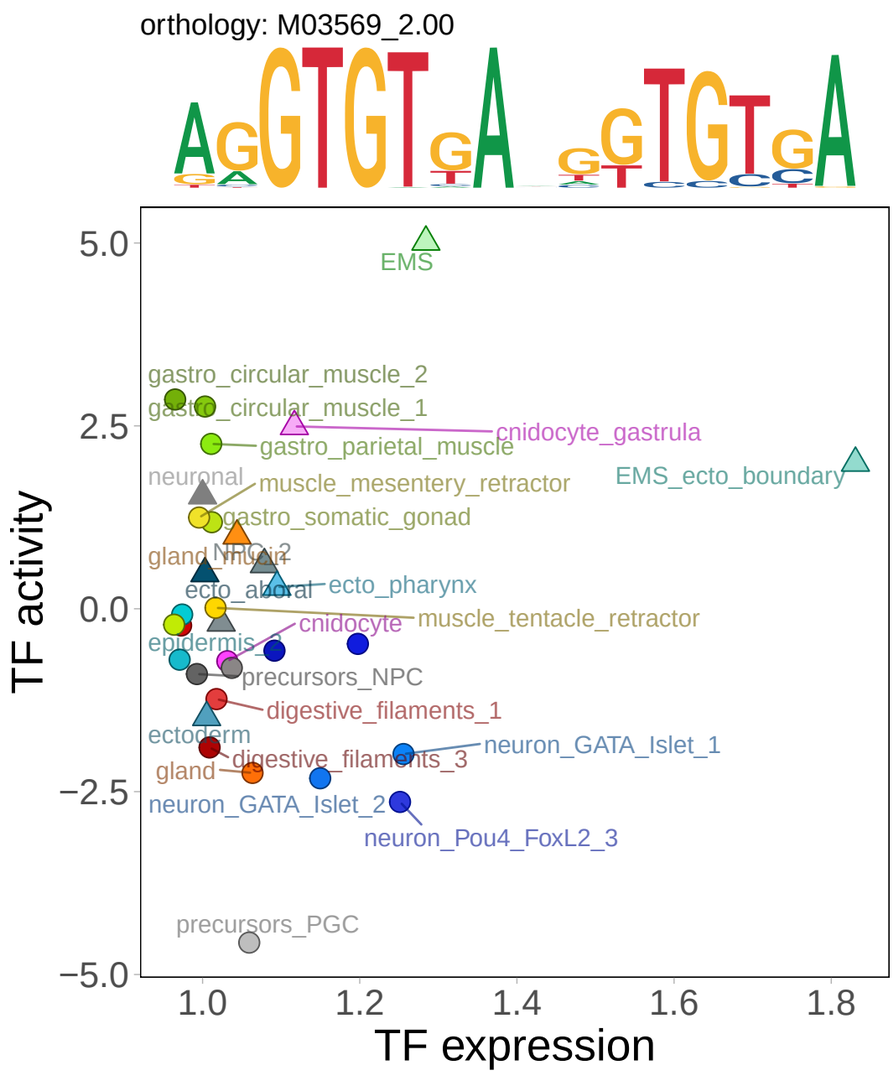
Nvec_vc1.1_XM_001632368.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NKX2−8/NKX3−1/NKX
PFAM: Homeodomain



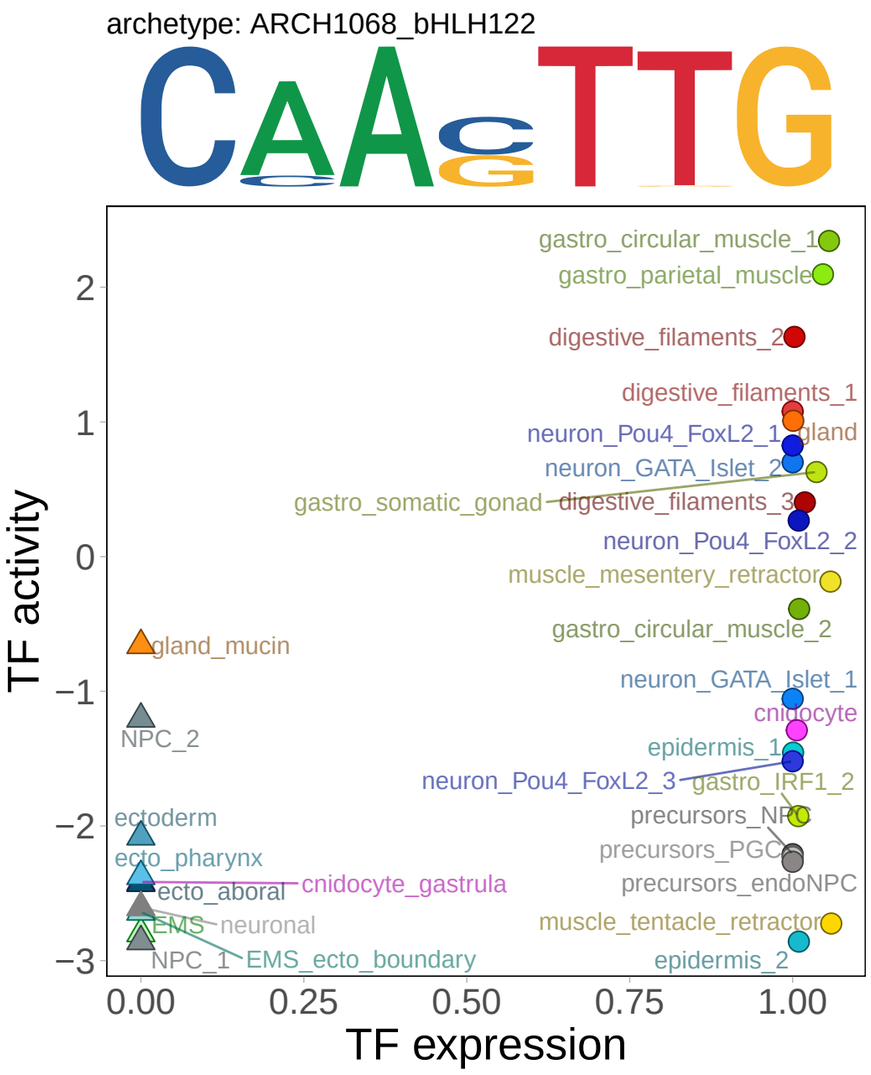


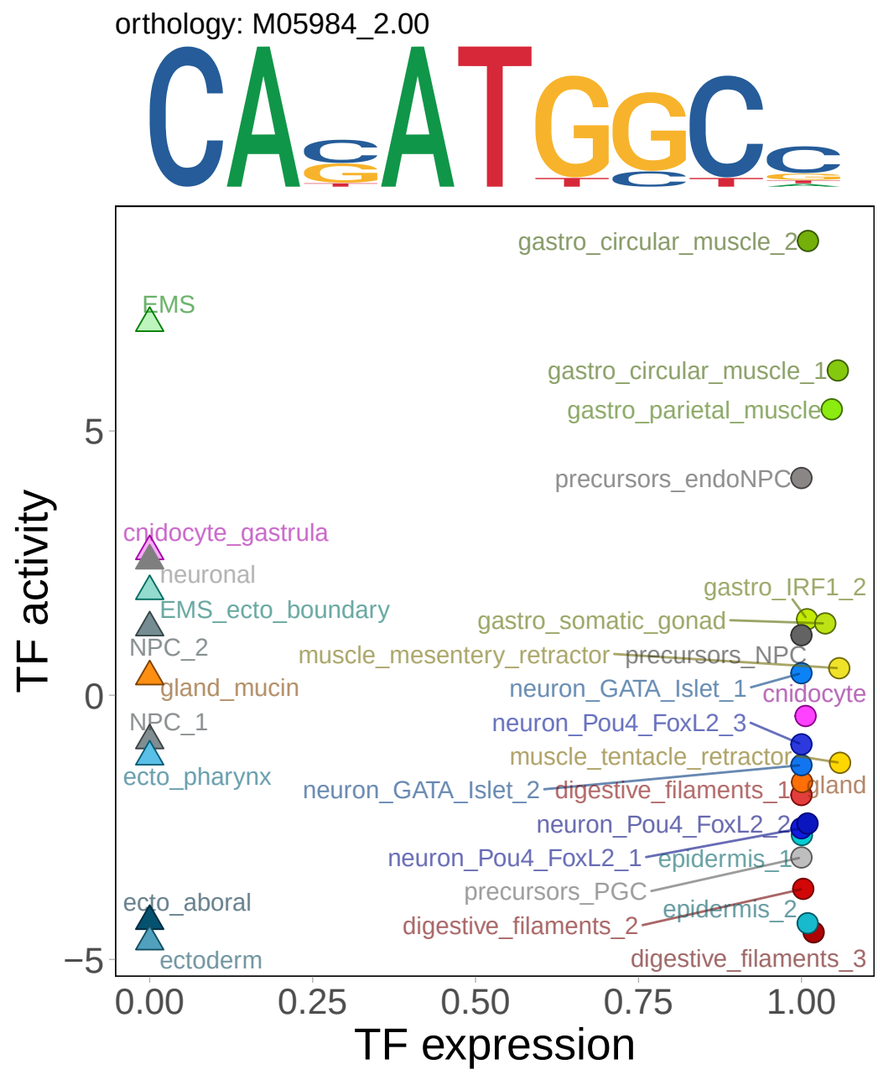
Nvec_vc1.1_XM_001632824.3
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box





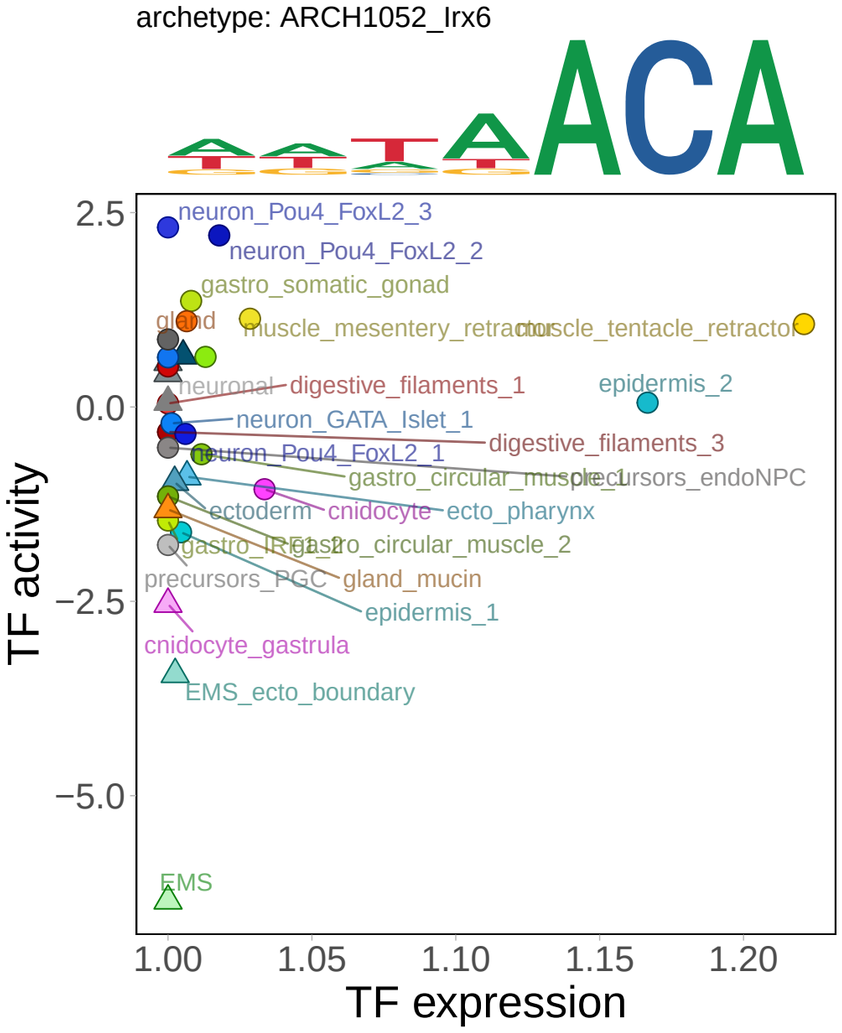
Nvec_vc1.1_XM_001632826.3
OG: HLH.HG1.67:HAND1/HAND2
PFAM: HLH



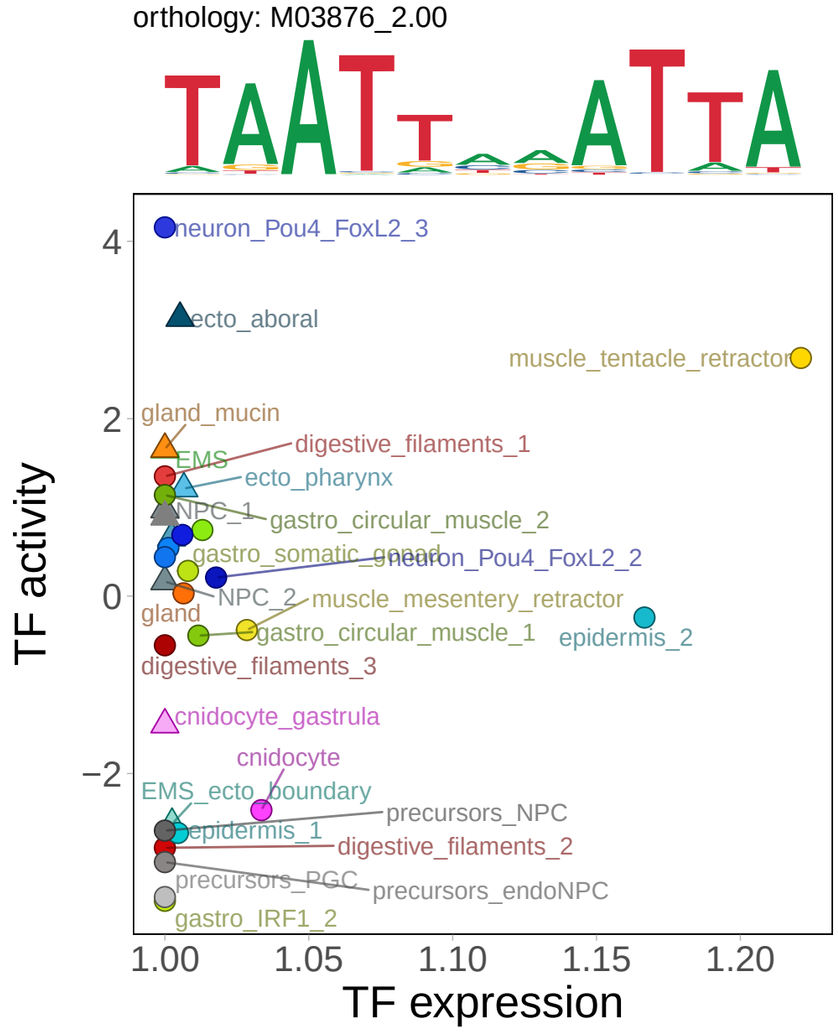


Nvec_vc1.1_XM_001632929.3
OG: Homeodomains.HG2.41:SHOX/SHOX2
PFAM: Homeodomain

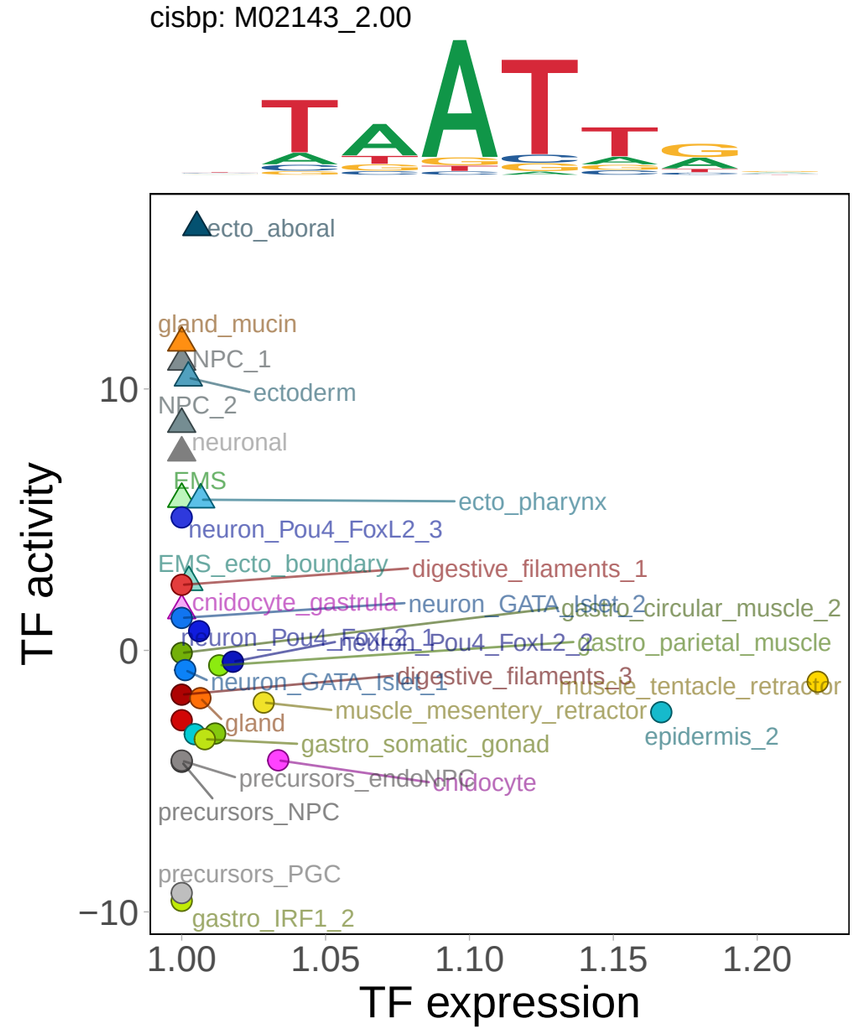
archetype: ARCH1052_Irx6



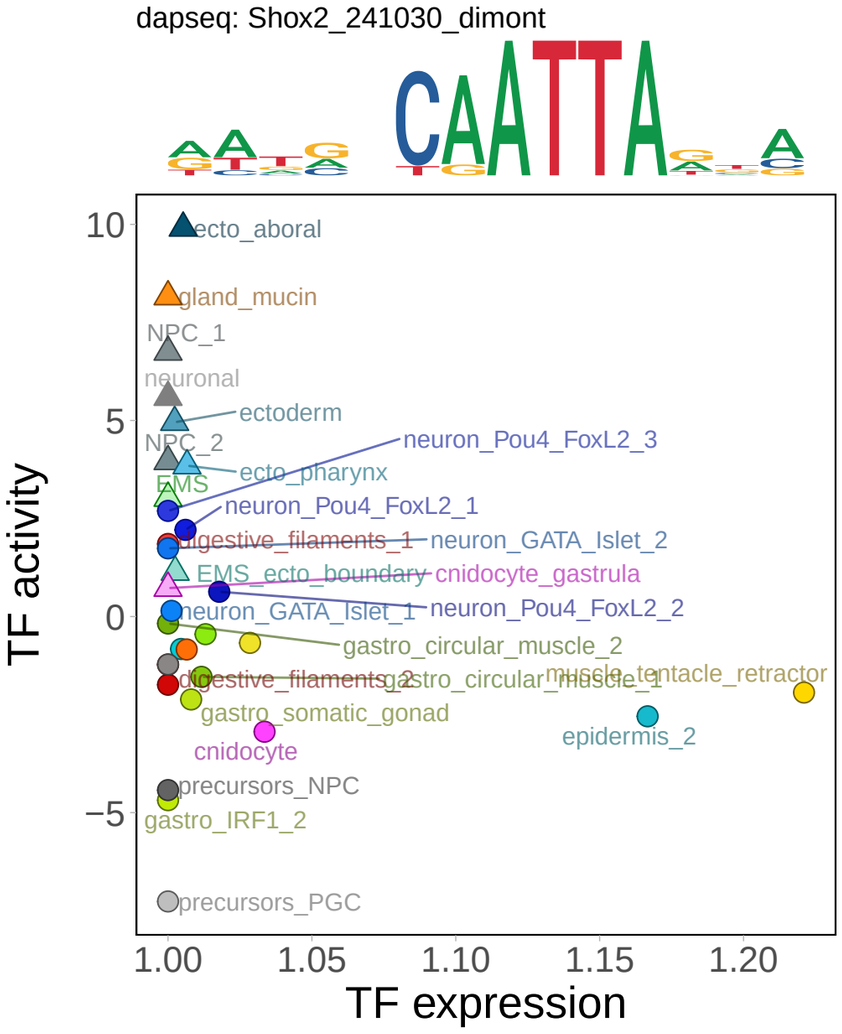
orthology: M03876_2.00



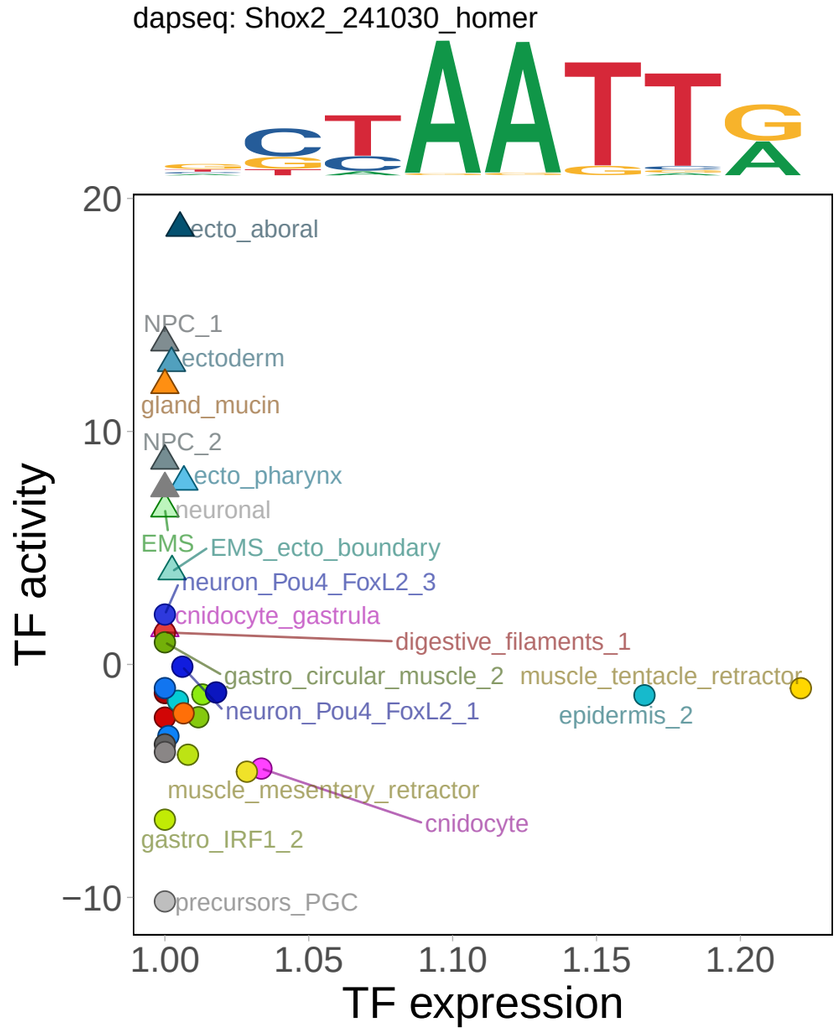
cisbp: M02143_2.00



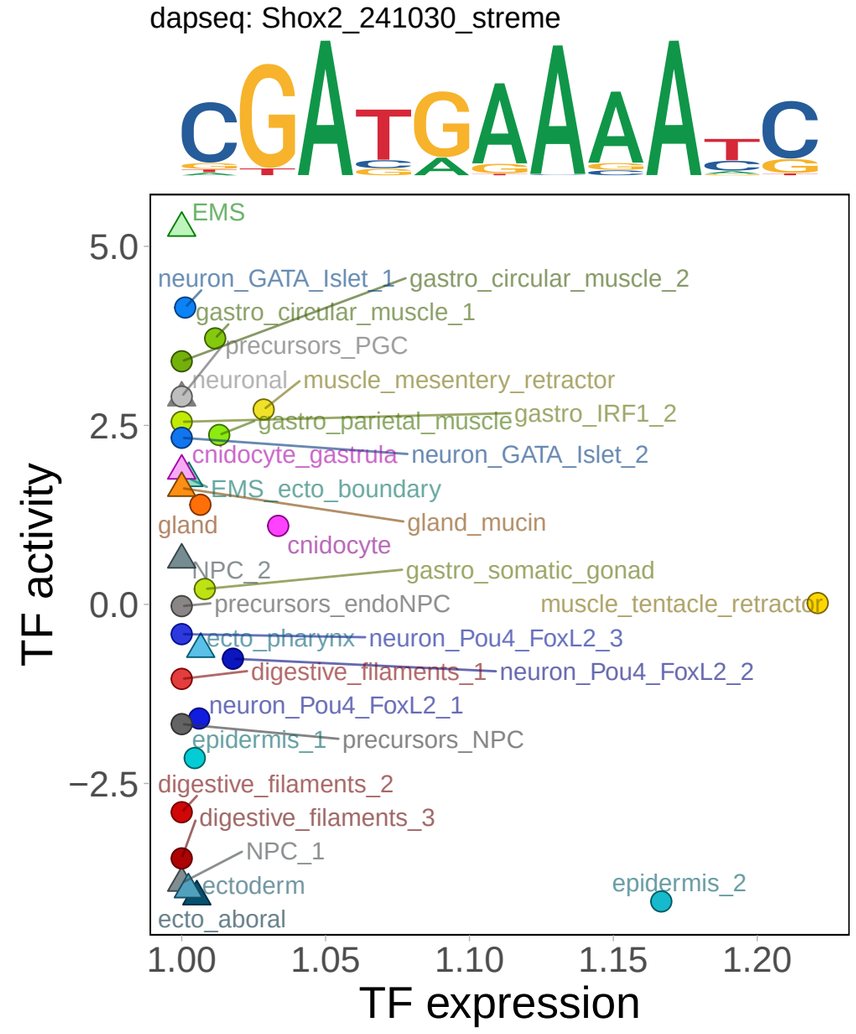
dapseq: Shox2_241030_dimont



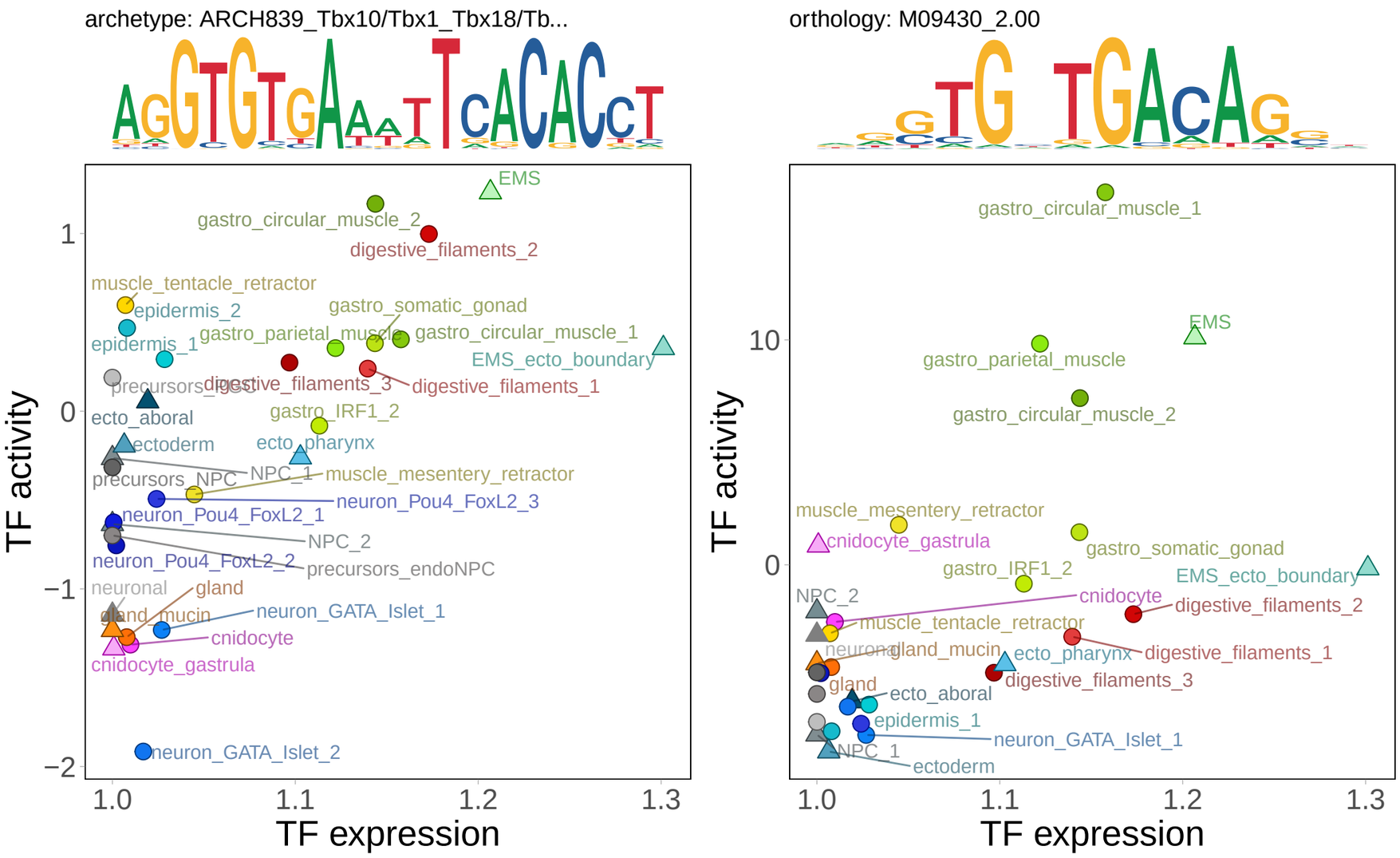
dapseq: Shox2_241030_homer



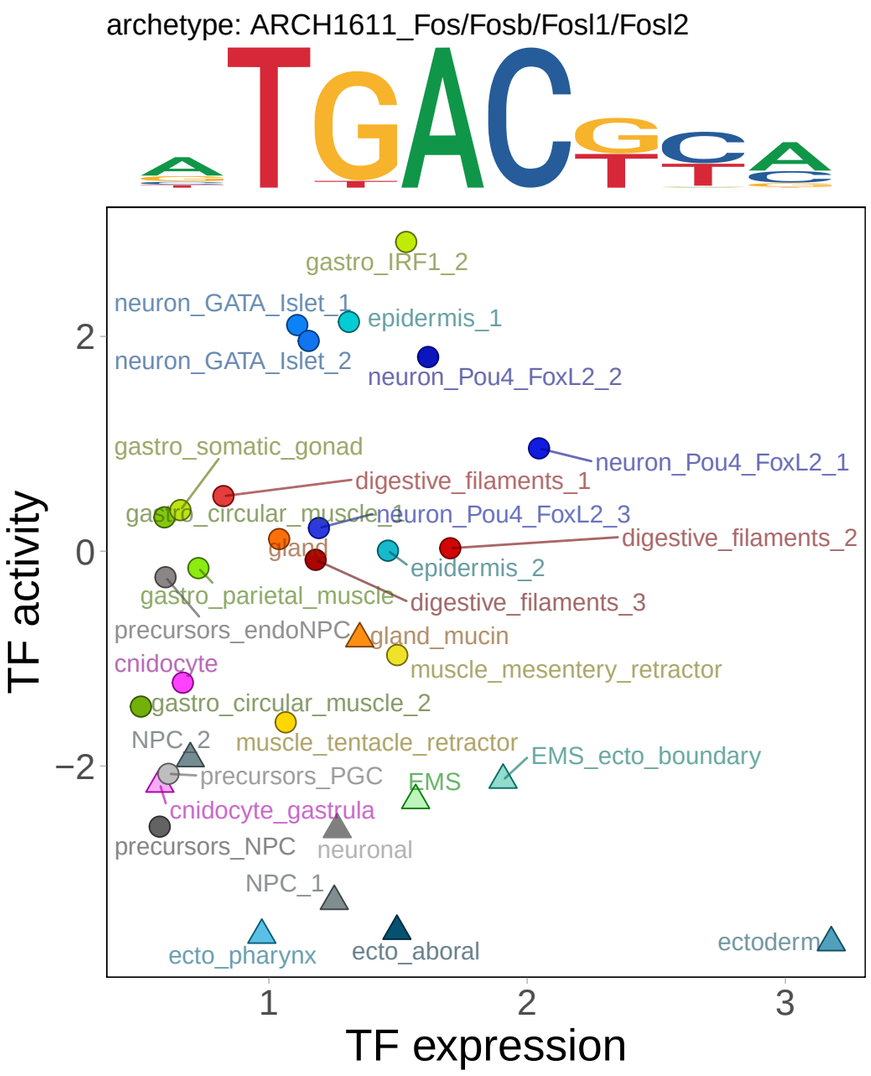
dapseq: Shox2_241030_streme

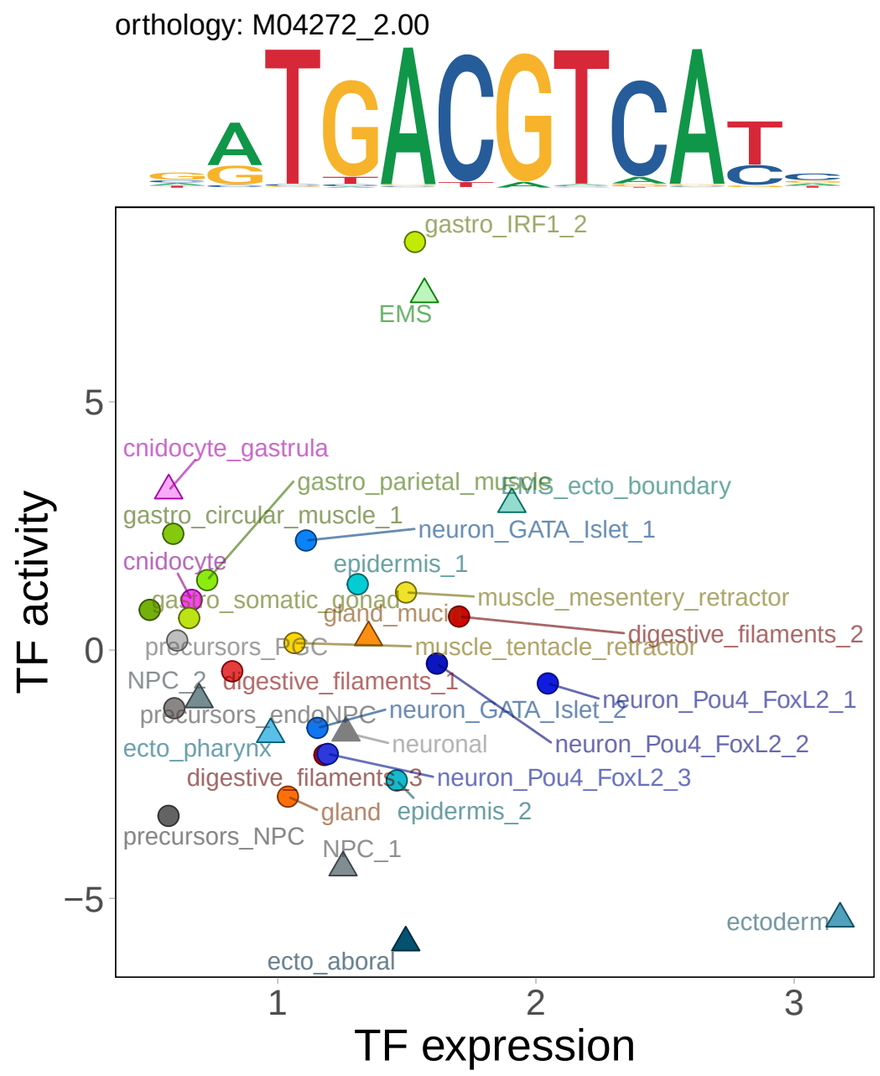


Nvec_vc1.1_XM_001633156.3
OG: T−box.HG1.1:like:MGA/TBX1/TBX2/TBX3/TBX4/TBX5/TBX6/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box

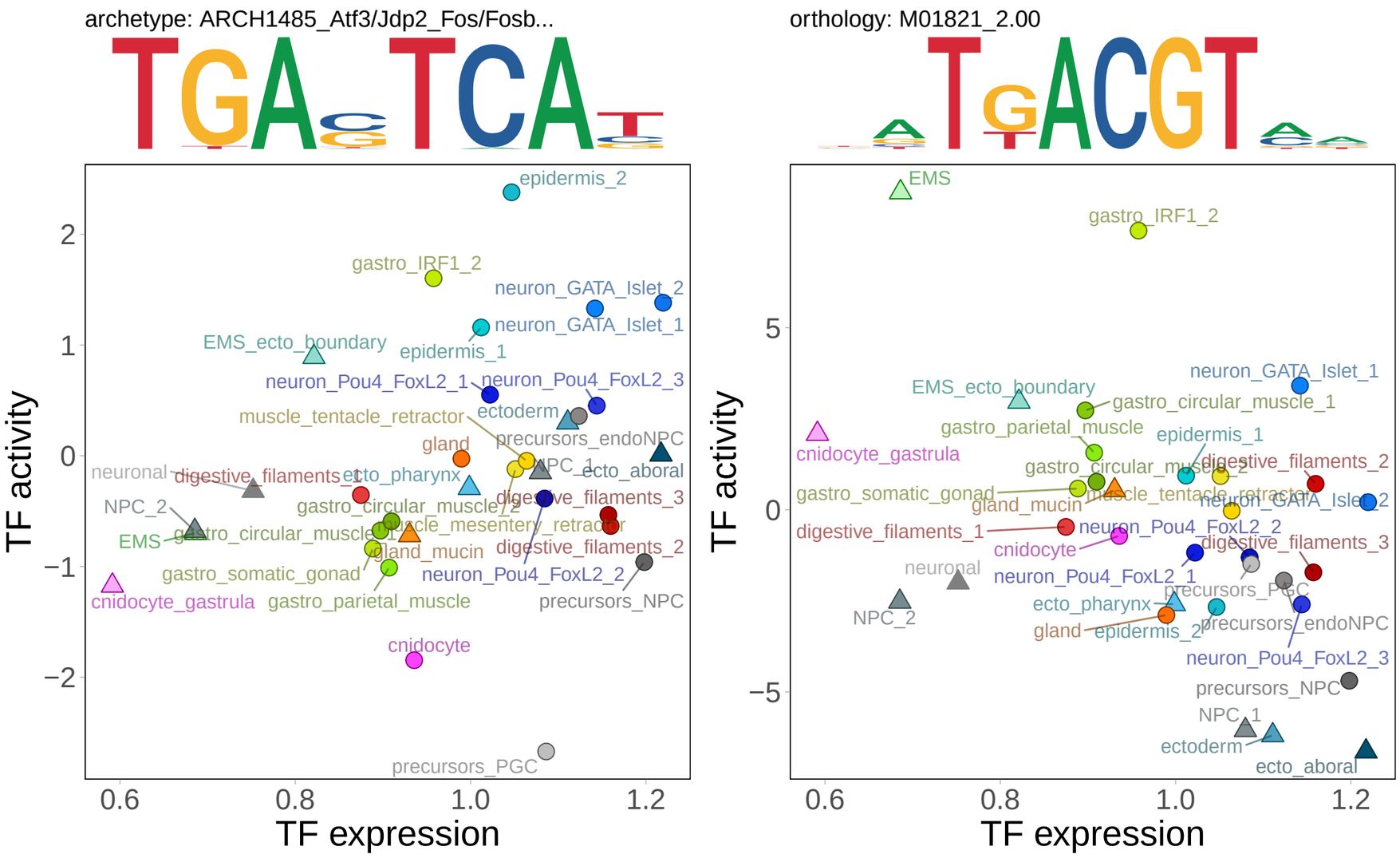


Nvec_vc1.1_XM_001633273.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1

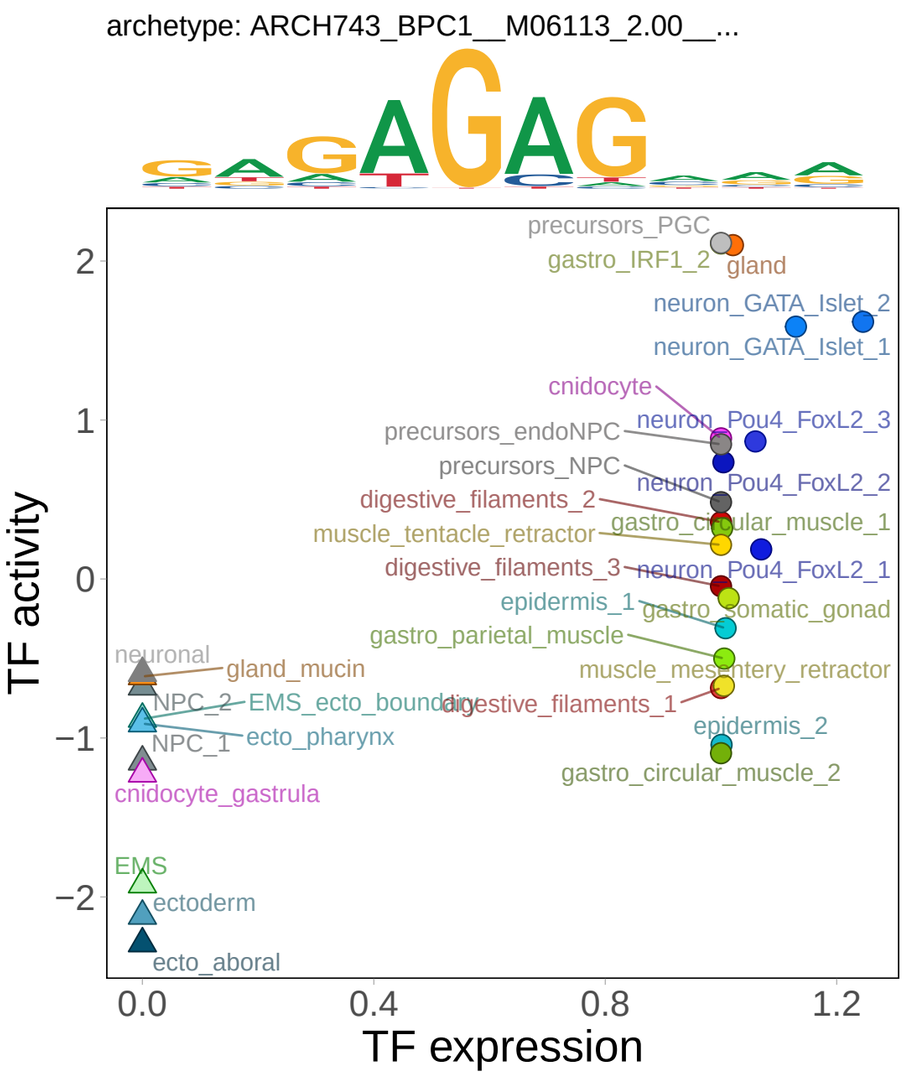




Nvec_vc1.1_XM_001633393.3
OG: bZIP.HG1.18:ATF1/CREB1/CREM
PFAM: pKID/bZIP_1

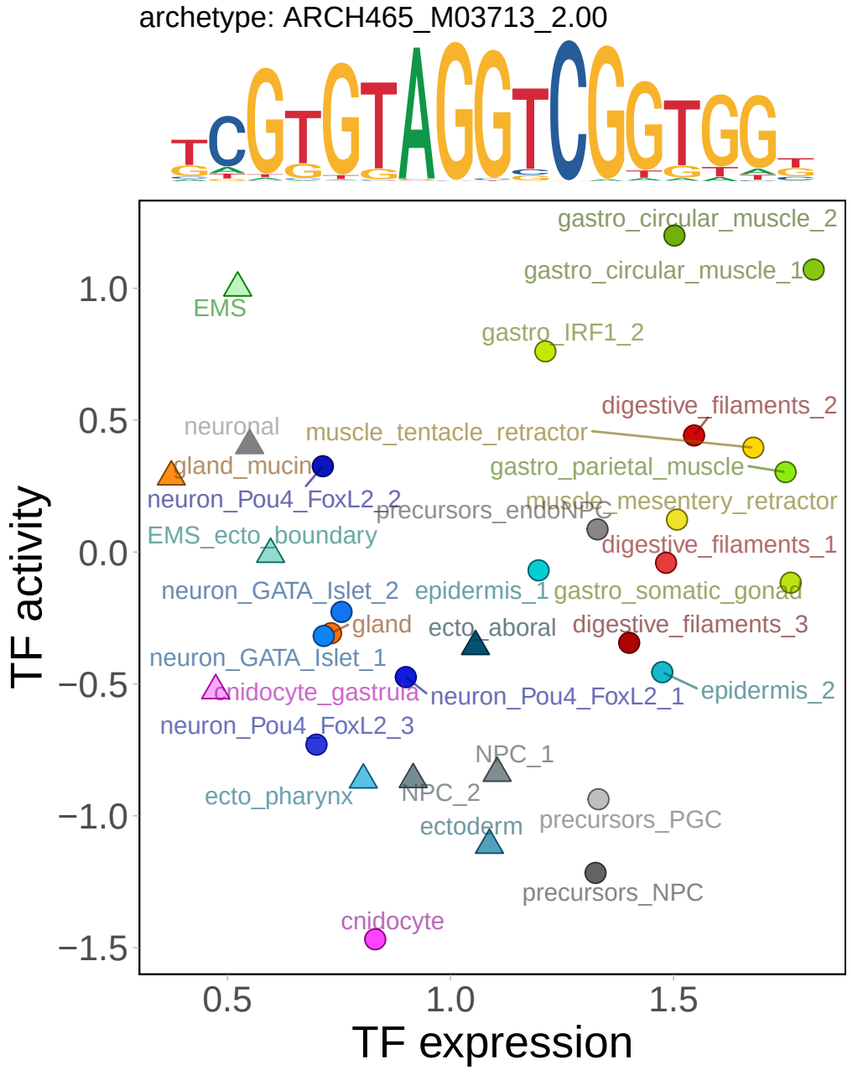


Nvec_vc1.1_XM_001633398.3
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−H2C2_2/zf−C2H2

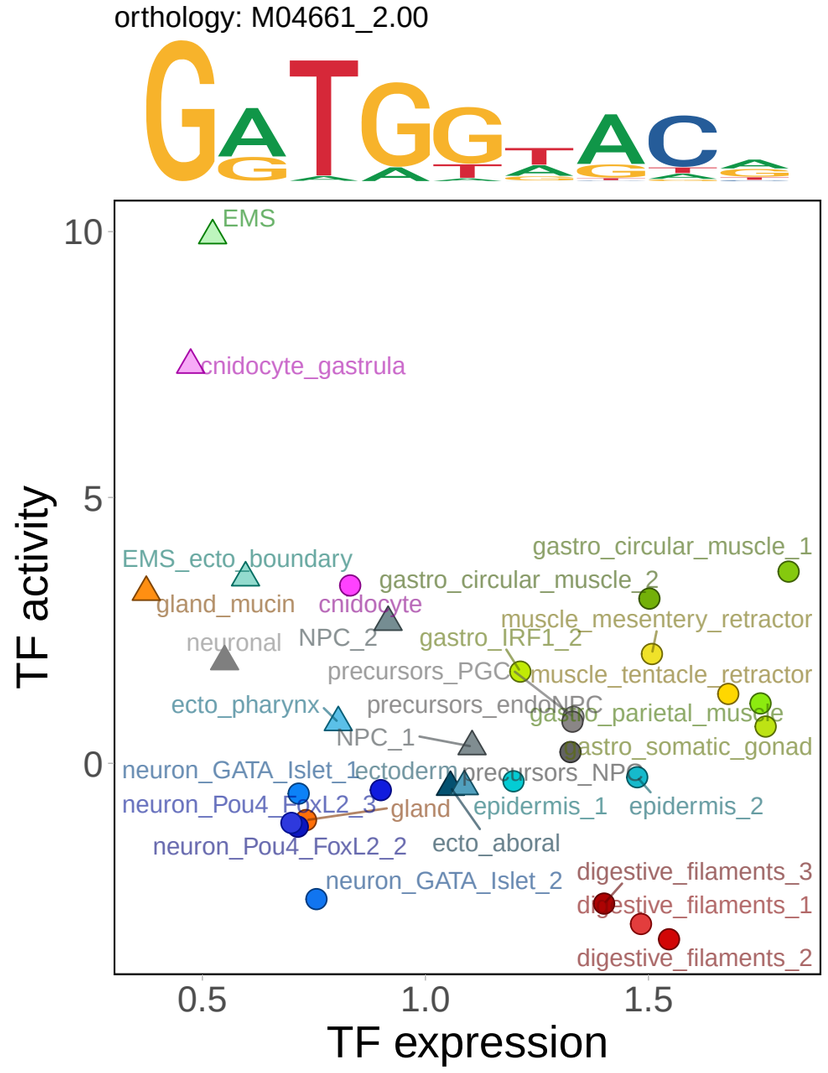


Nvec_vc1.1_XM_001633482.3
OG: CSD.HG1.6:YBX1/YBX2/YBX3
PFAM: CSD

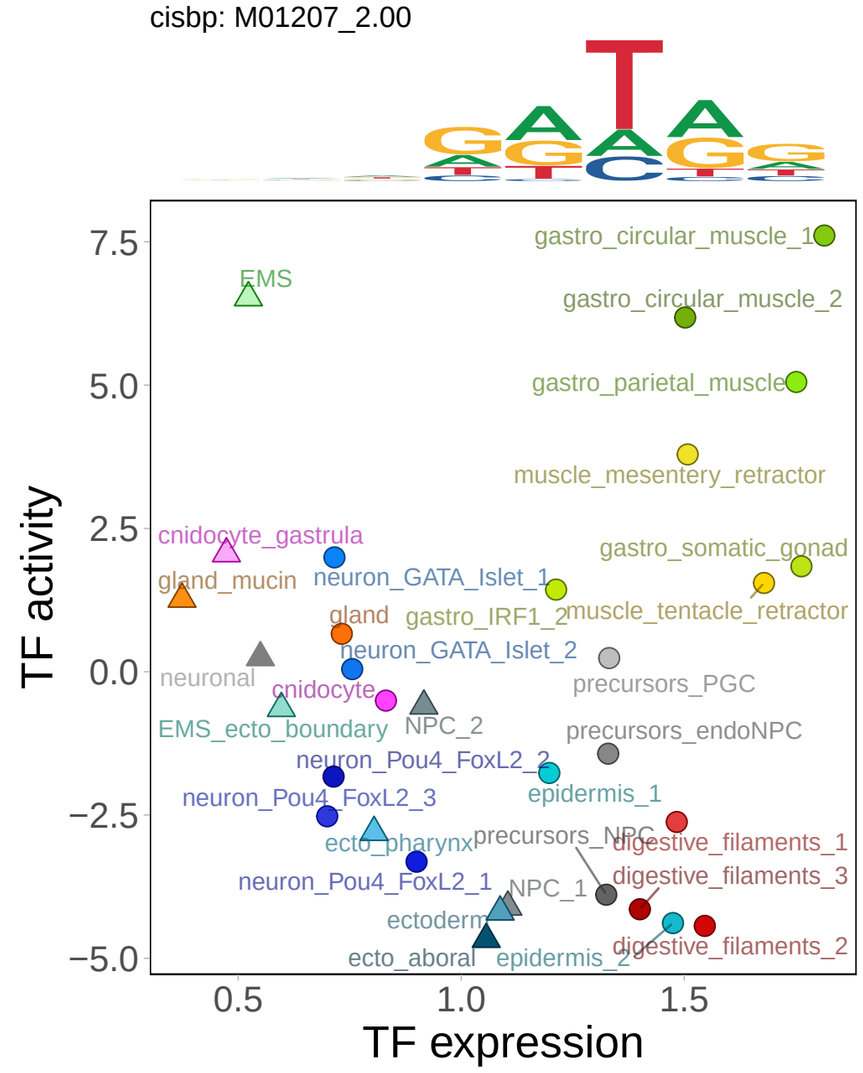
archetype: ARCH465_M03713_2.00



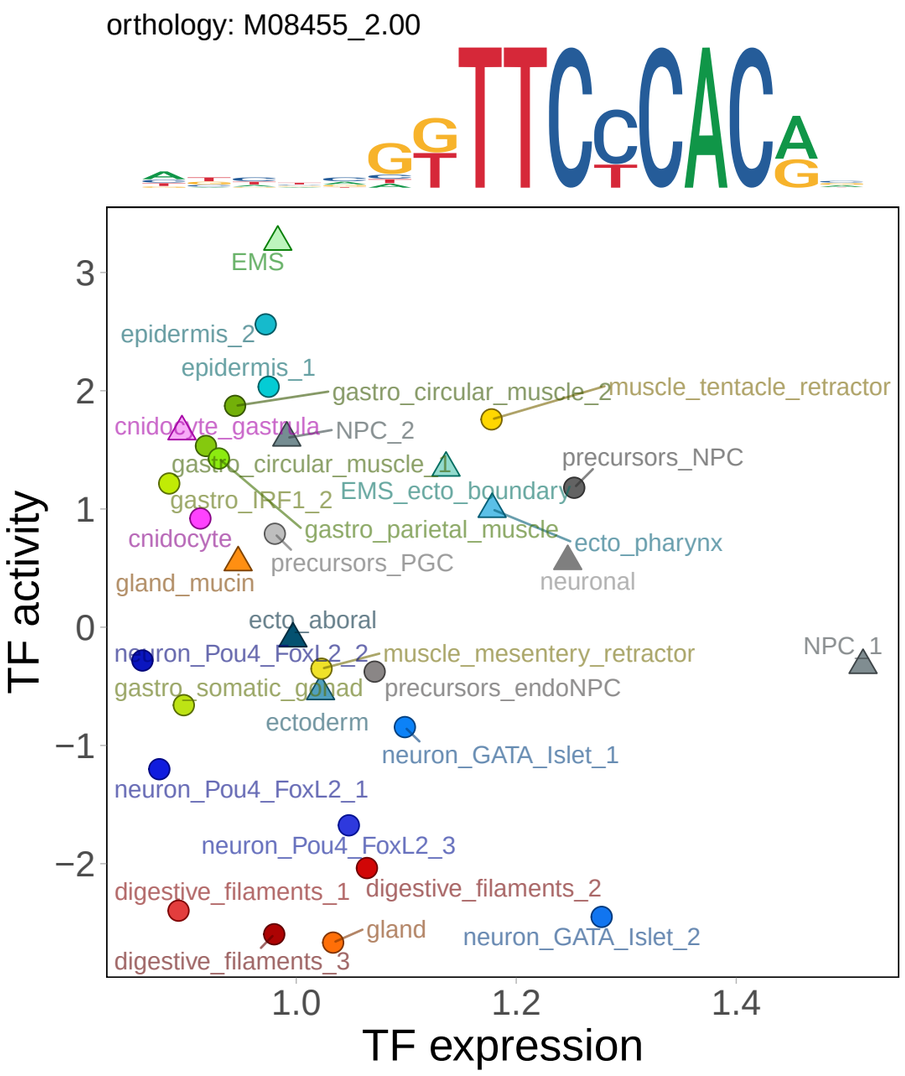
orthology: M04661_2.00



cisbp: M01207_2.00

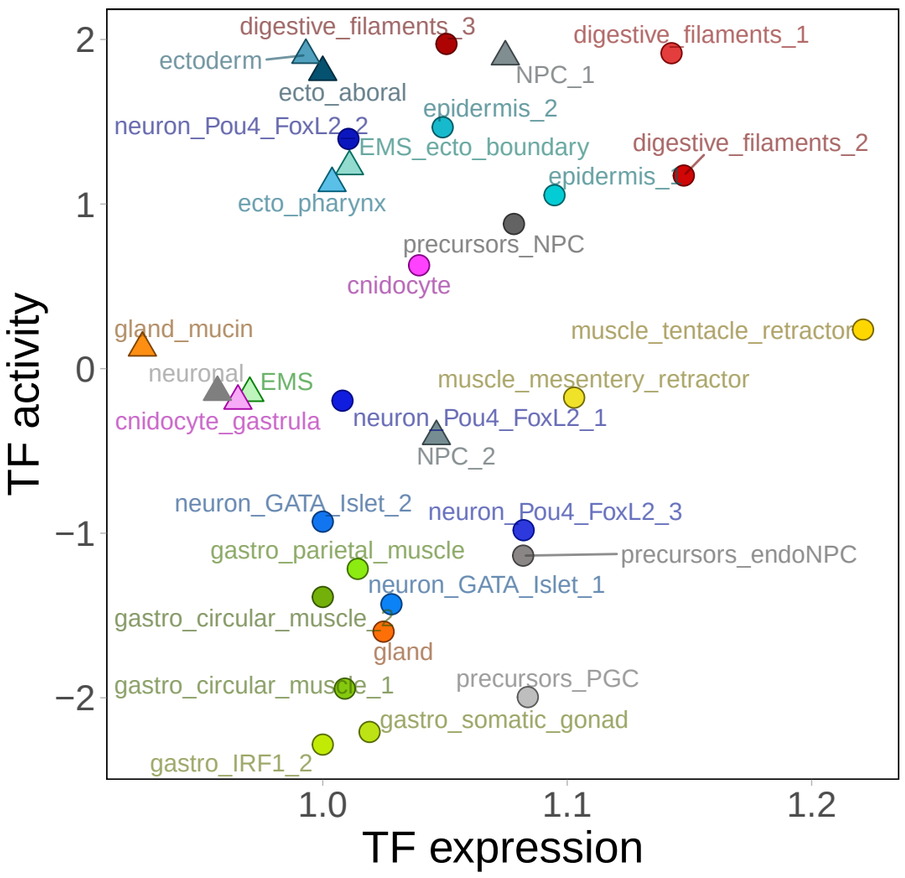


Nvec_vc1.1_XM_001633484.3
OG: LAG1_CSL.HG1.0:RBPJ/RBPJL
PFAM: LAG1−DNAbind/BTD

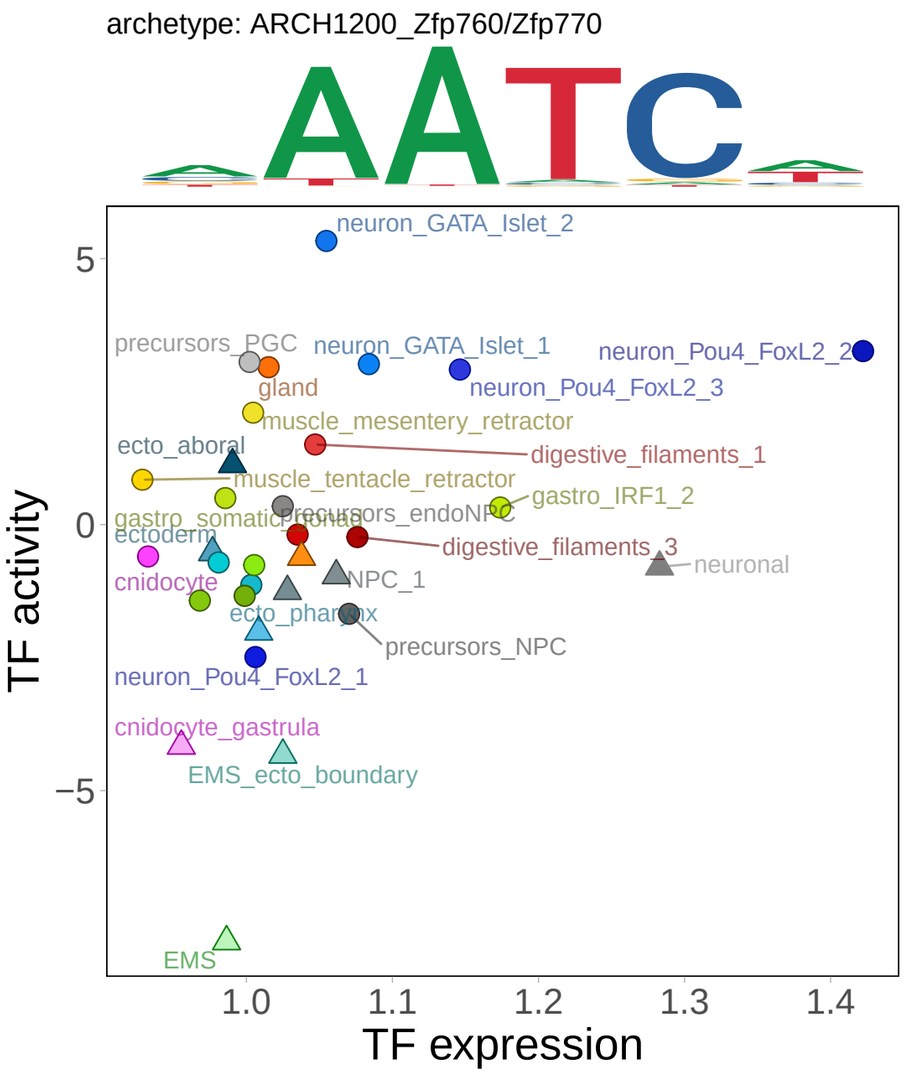


Nvec_vc1.1_XM_001633504.3
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H2/zf

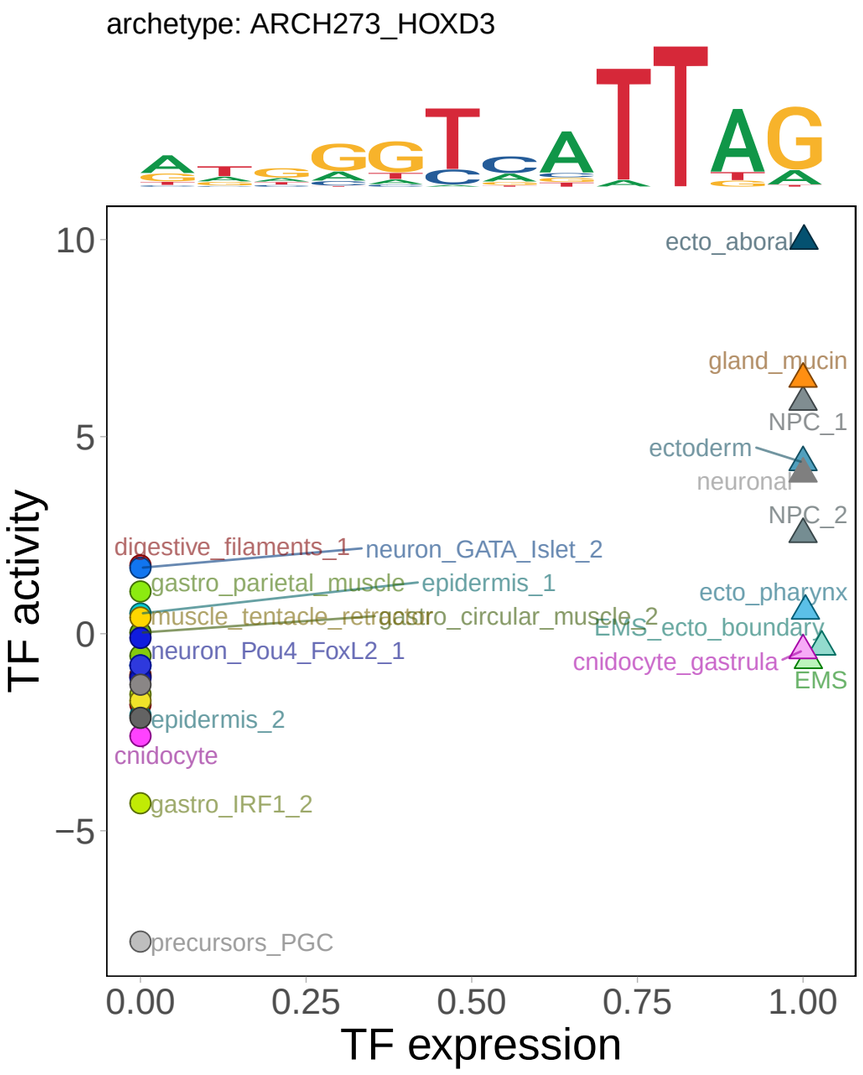
archetype: ARCH1345_Gfi1b/Gfi1

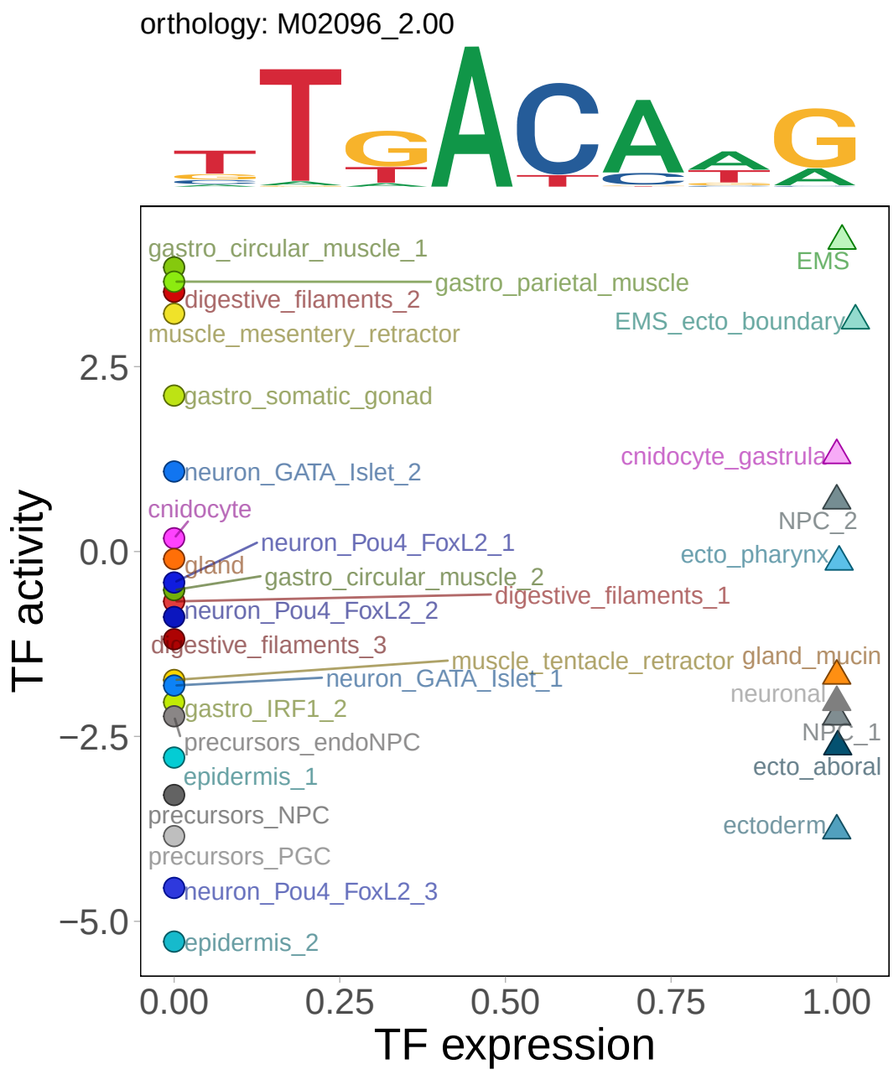


Nvec_vc1.1_XM_001633508.3
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−



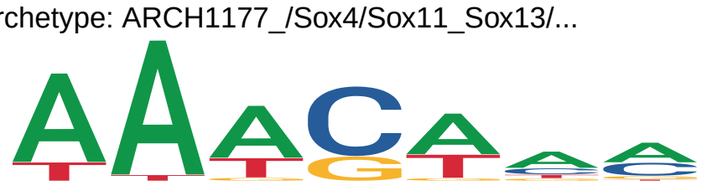
Nvec_vc1.1_XM_001633541.3
OG: Homeodomains.HG3.5:like:IRX1/IRX2/IRX3/IRX4/IRX5/IRX6/MKX/ONECUT1/ONECUT2/ONECUT3
PFAM: SIX1_SD/Homeobox_KN

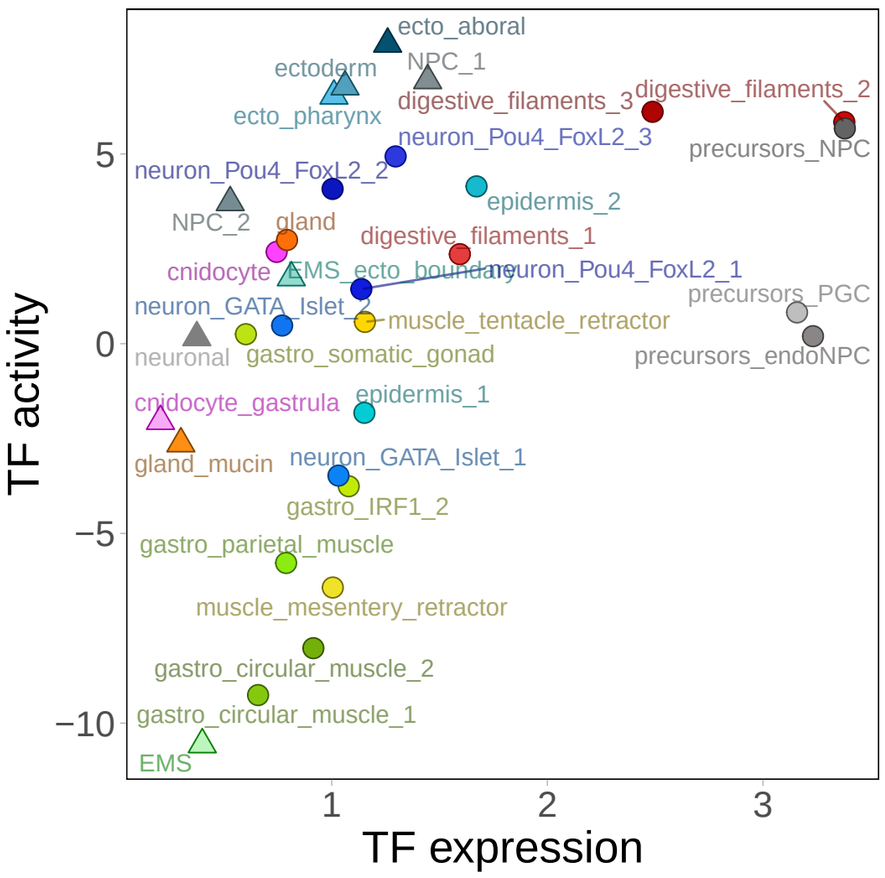




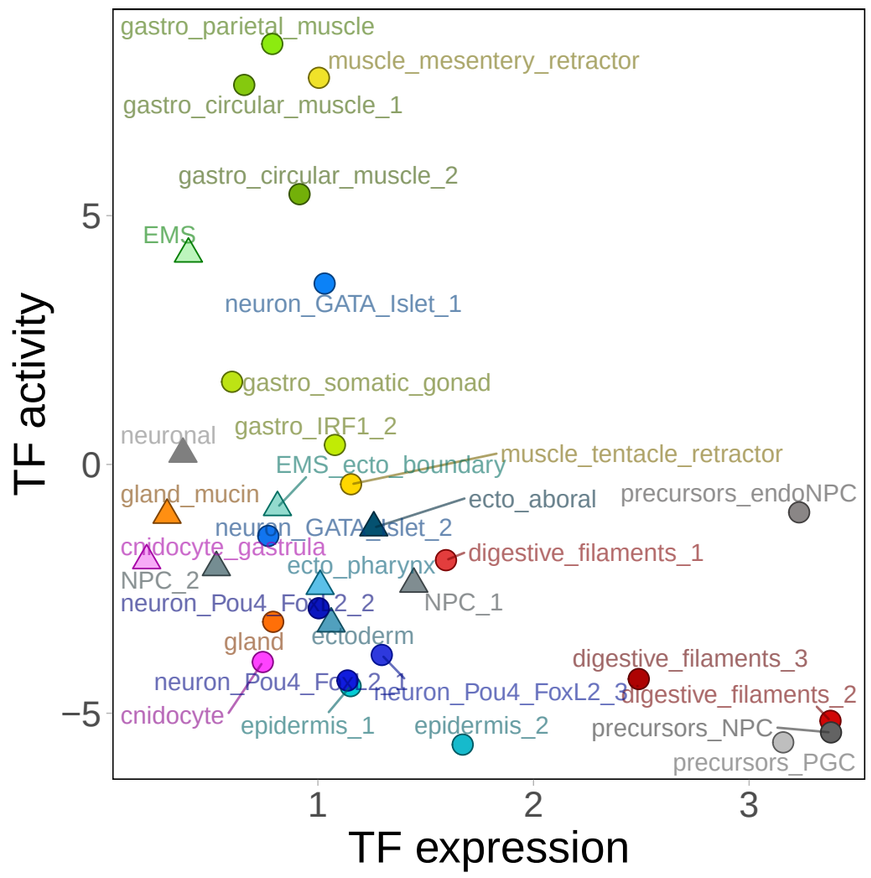
Nvec_vc1.1_XM_001633762.3
OG: HMGbox_Sox.HG1.37:like:SSRP1
PFAM: HMG_box/HMG_box

archetype: ARCH1177_/Sox4/Sox11_Sox13/...

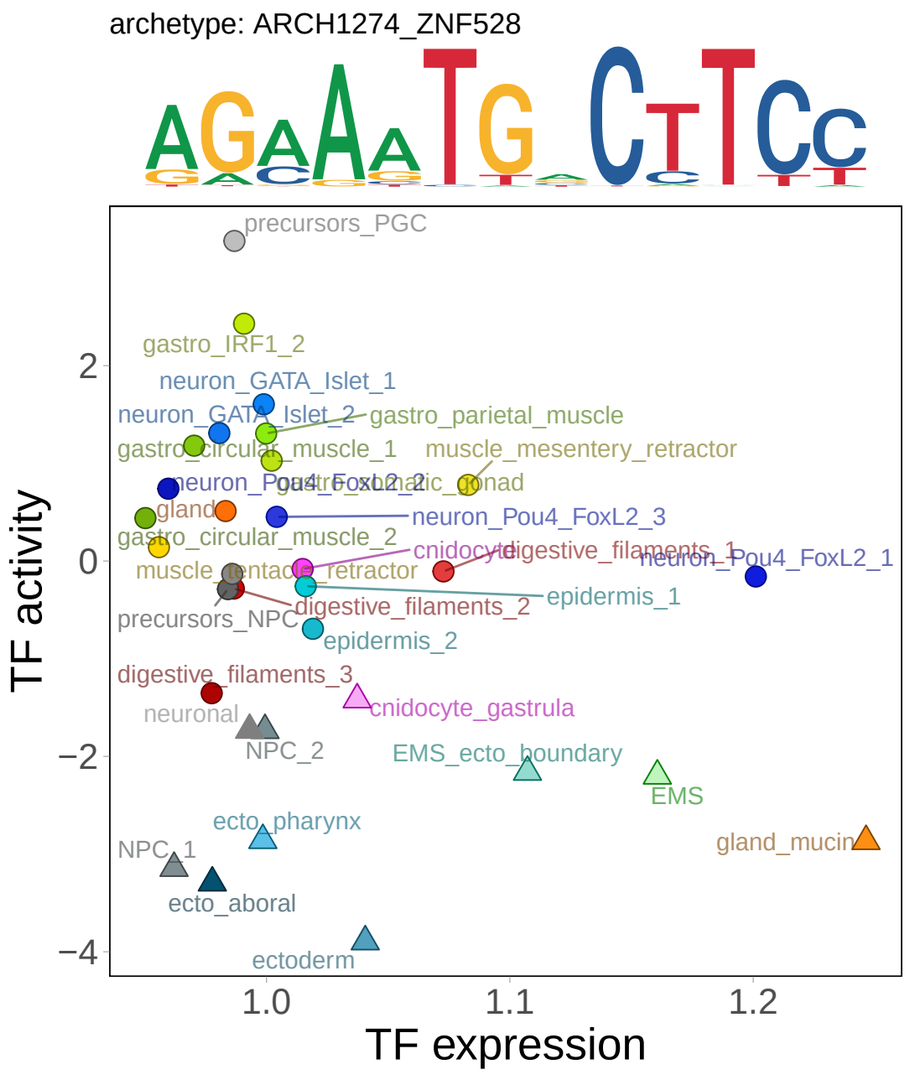




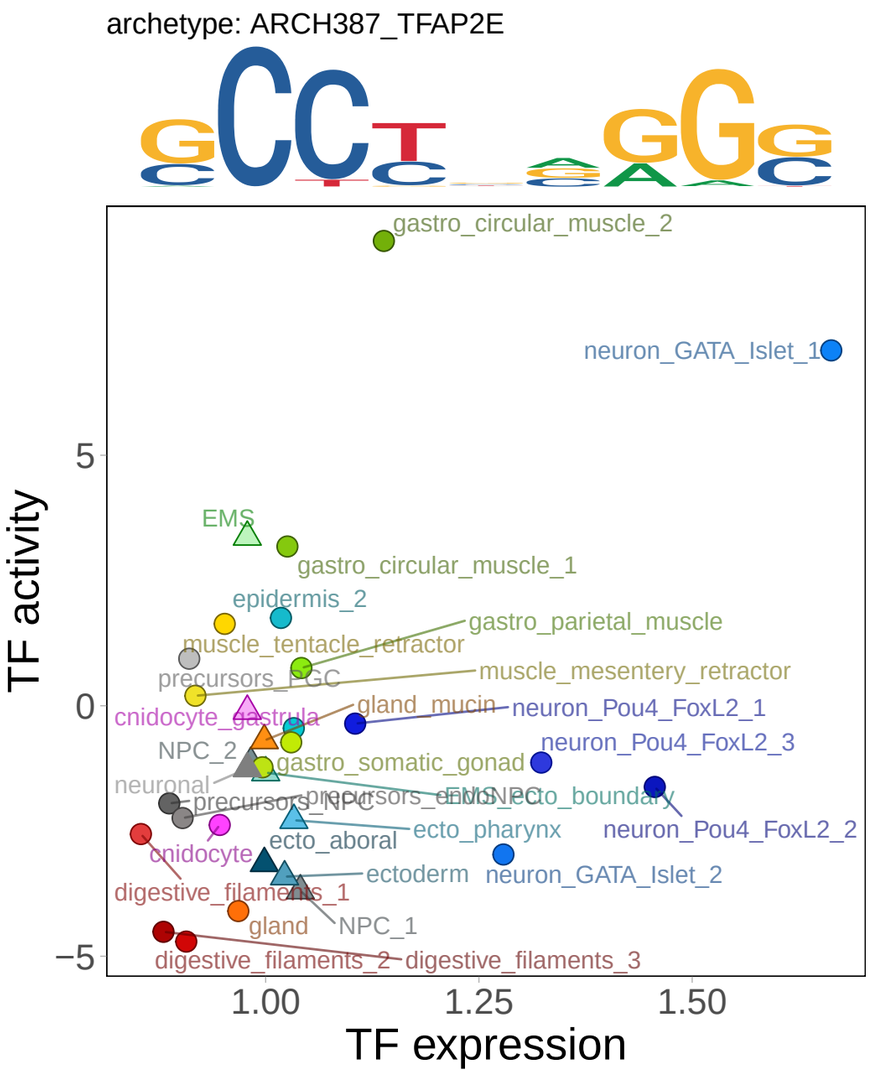
orthology: M11336_2.00

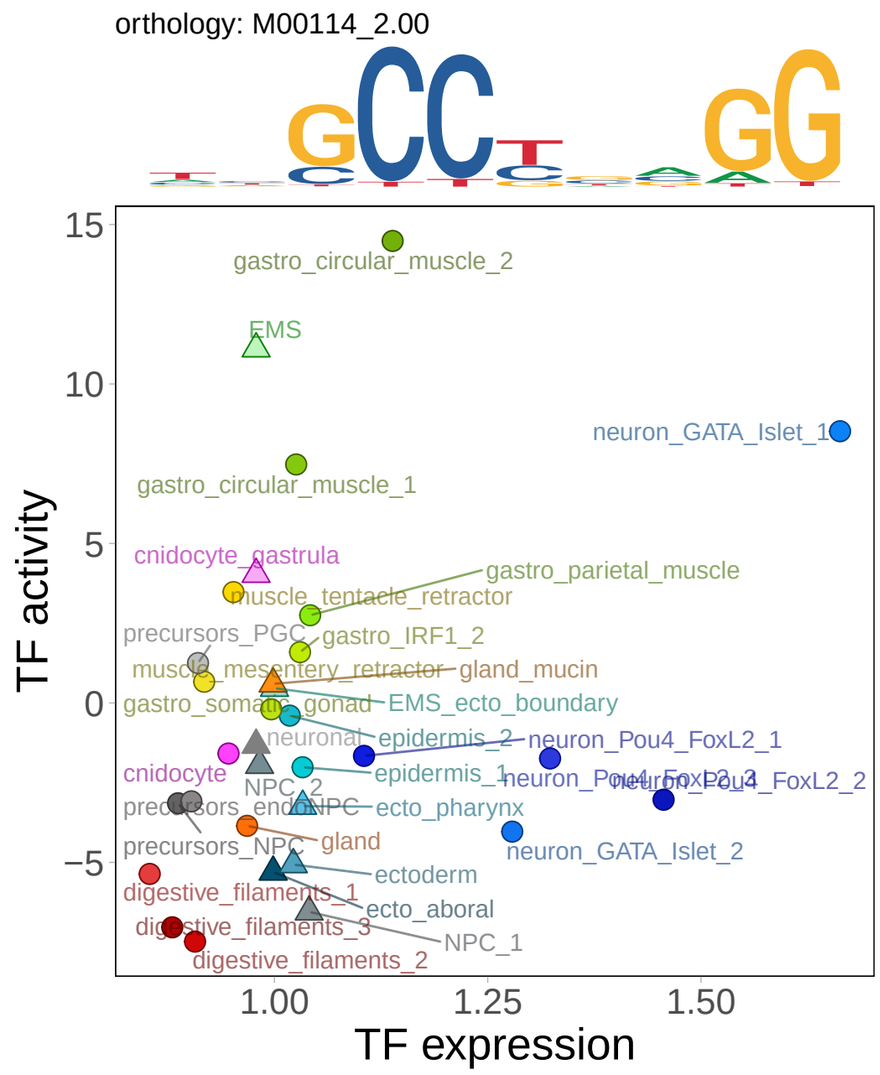


Nvec_vc1.1_XM_001633772.3
OG: zf−C2H2.HG4.1:like:GLI1/GLI2/GLI3/GLIS1/GLIS2/GLIS3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

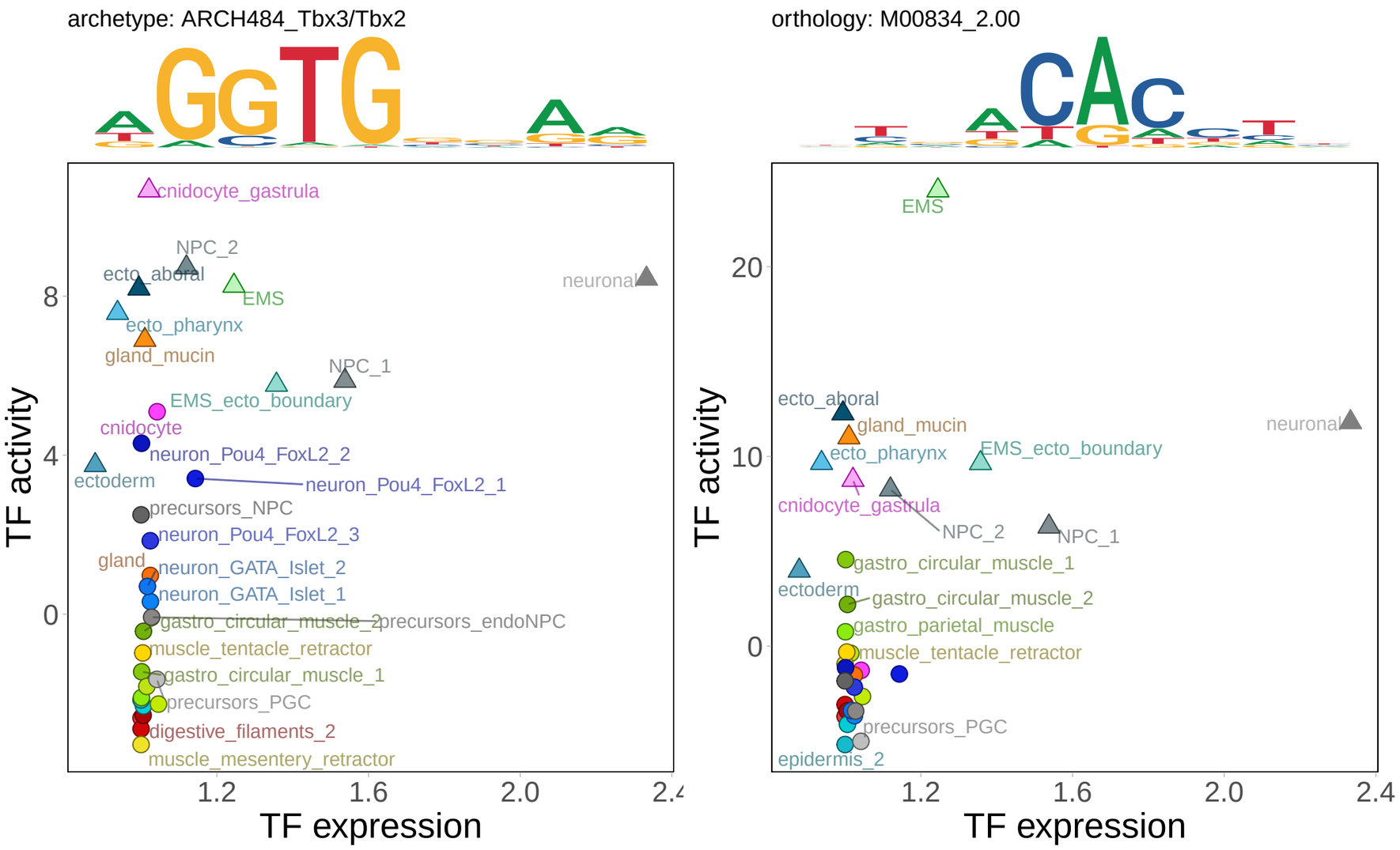


Nvec_vc1.1_XM_001633894.3
OG: AP−2.HG1.0:TFAP2A/TFAP2B/TFAP2C/TFAP2D/TFAP2E
PFAM: TF_AP−2

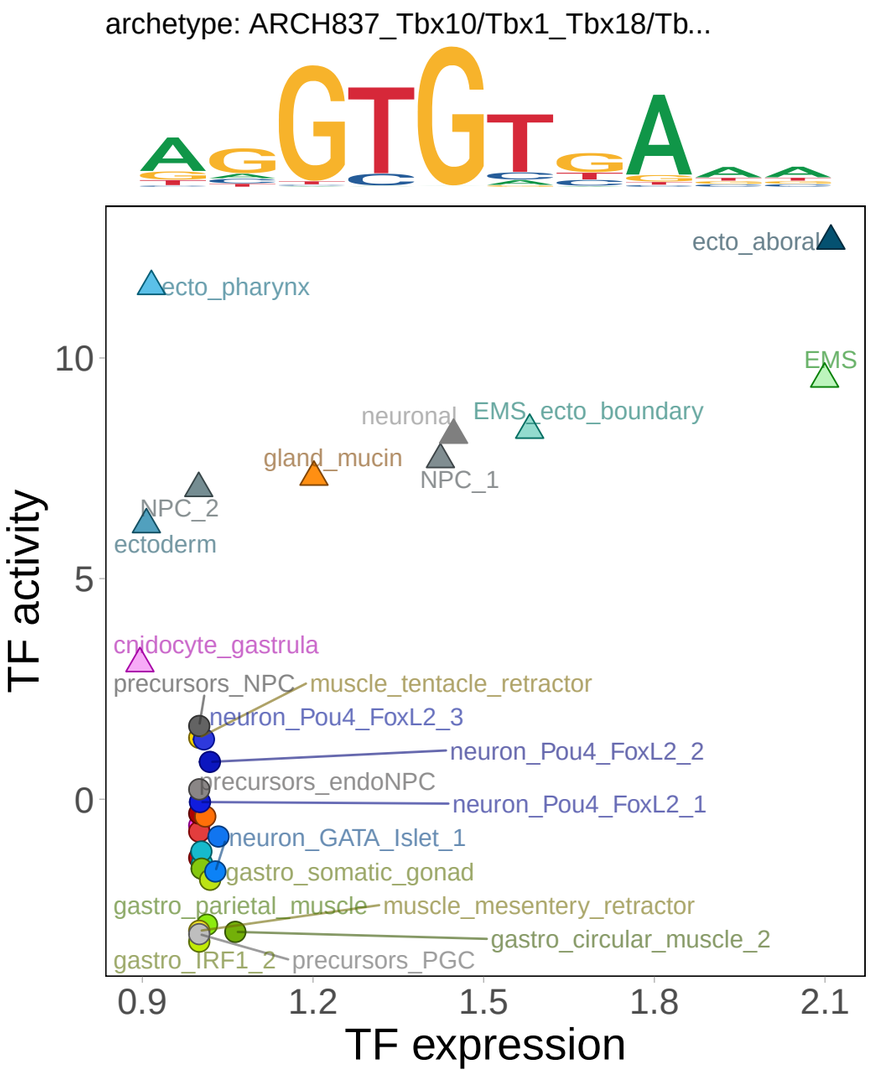


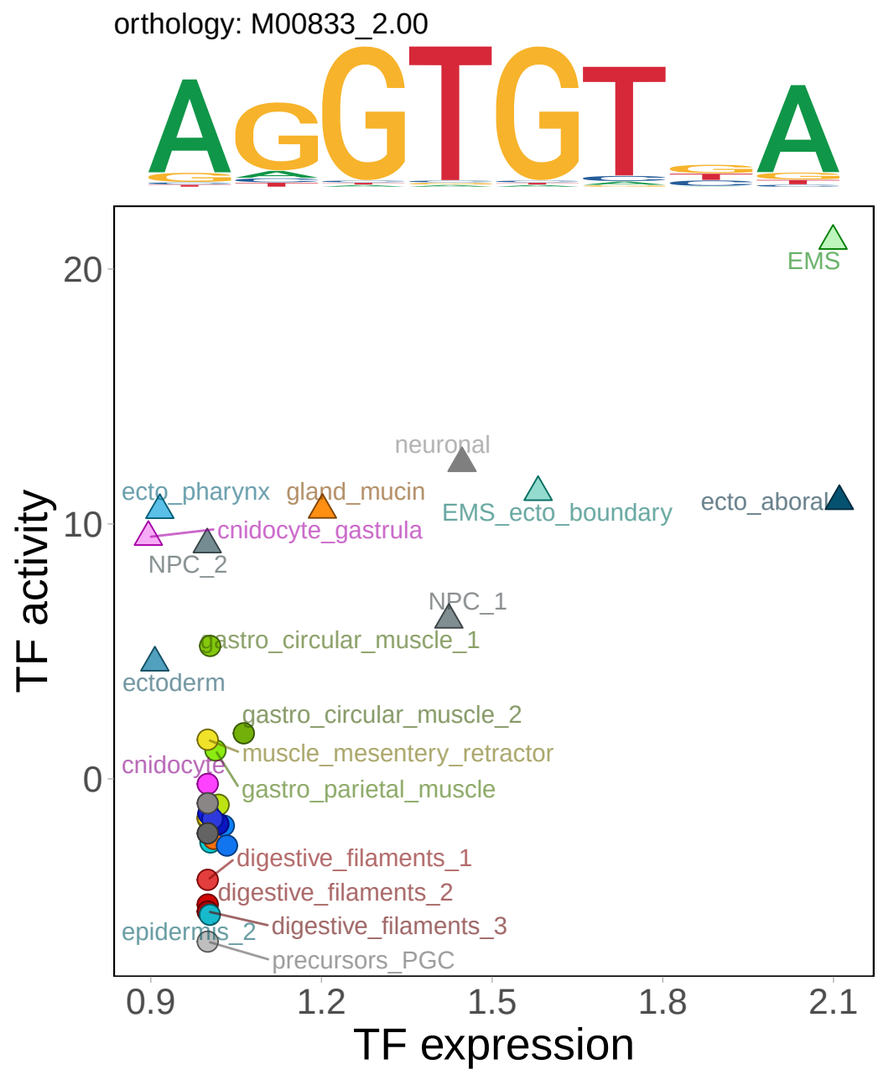


Nvec_vc1.1_XM_001633901.3
OG: T−box.HG1.11:TBX2/TBX3
PFAM: T−box

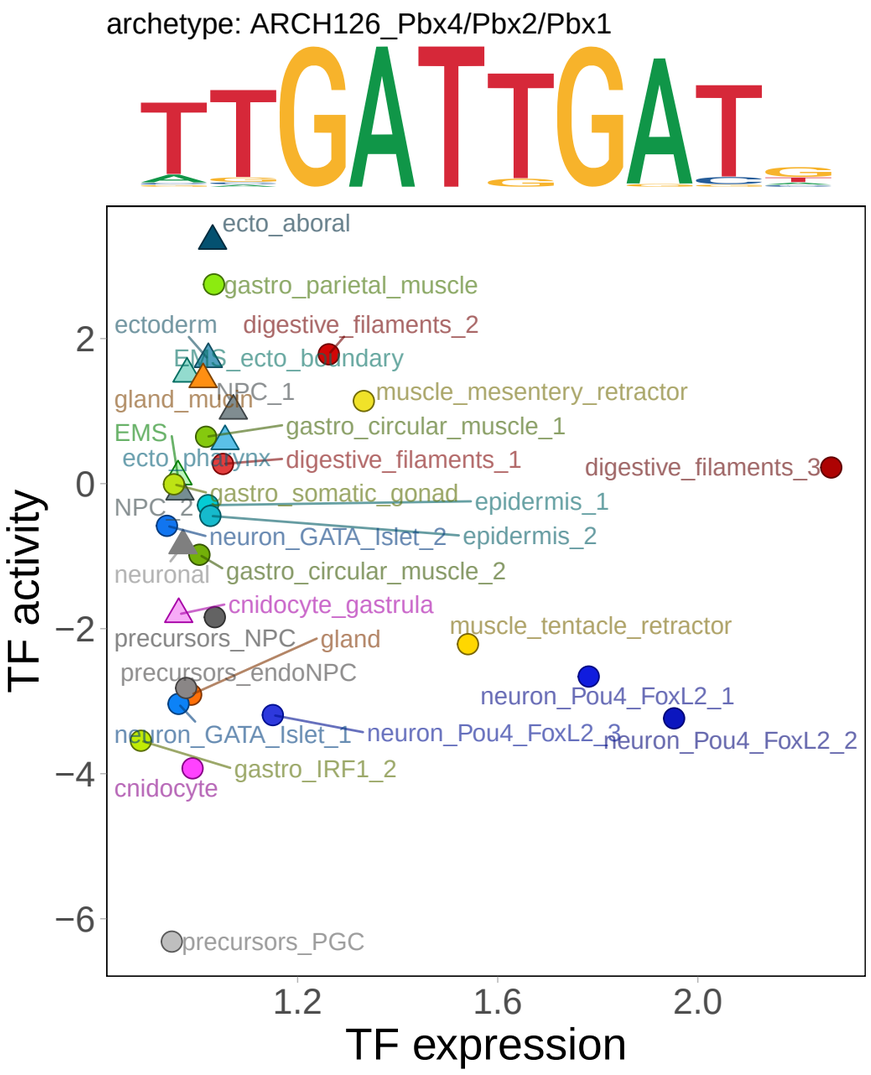


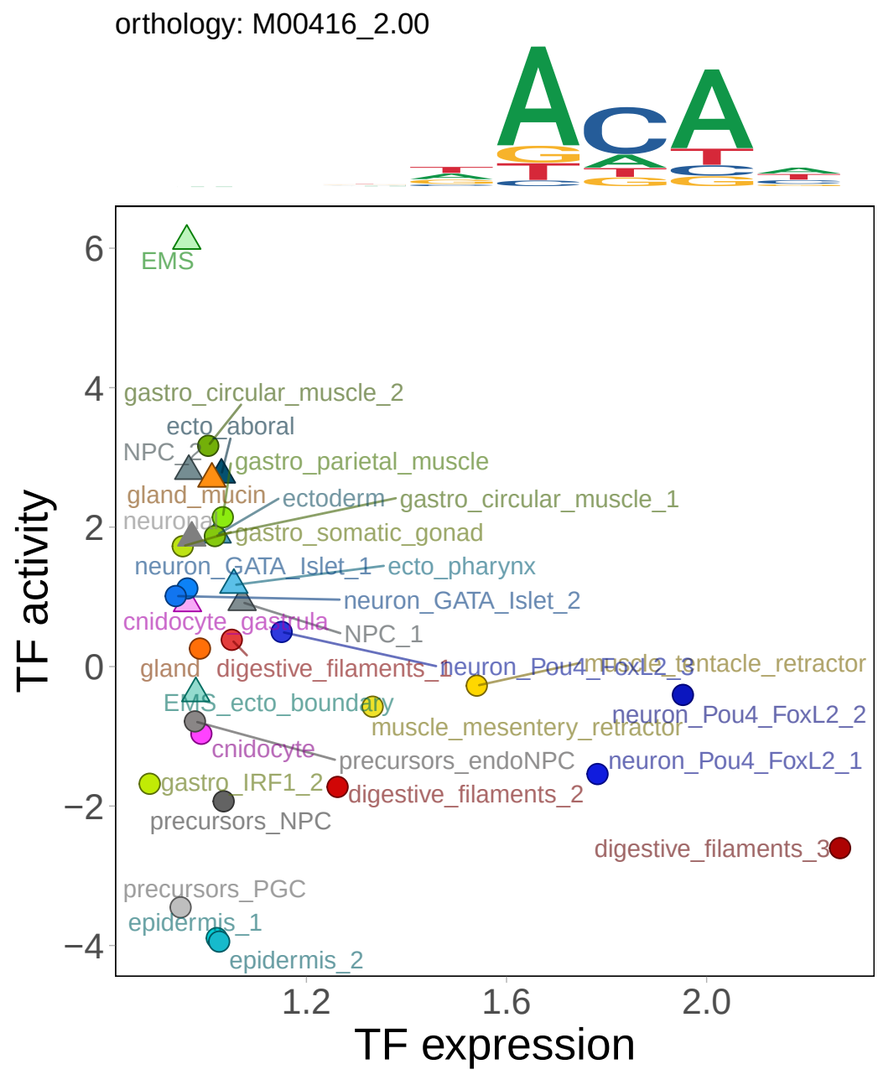
Nvec_vc1.1_XM_001633902.3
OG: T−box.HG1.12:TBX4/TBX5
PFAM: T−box





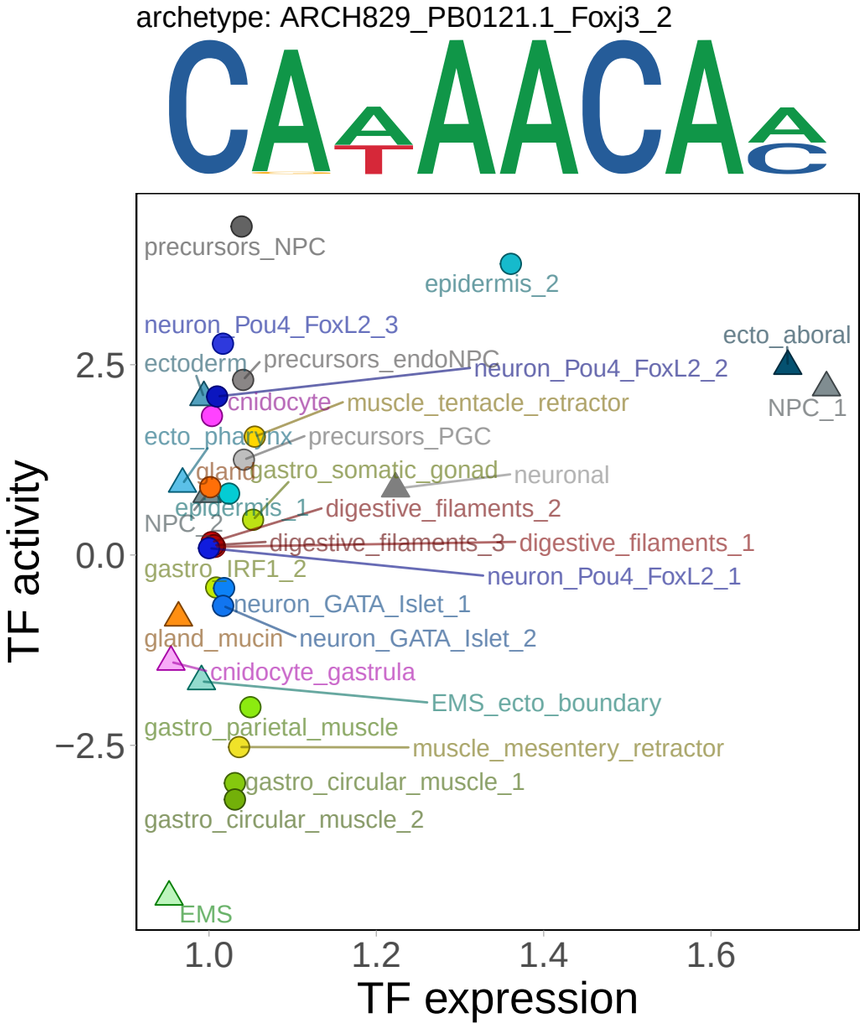
Nvec_vc1.1_XM_001633995.3
OG: Homeodomains.HG3.22:IRX1/IRX2/IRX3/IRX4/IRX5/IRX6/MKX
PFAM: Homeobox_KN



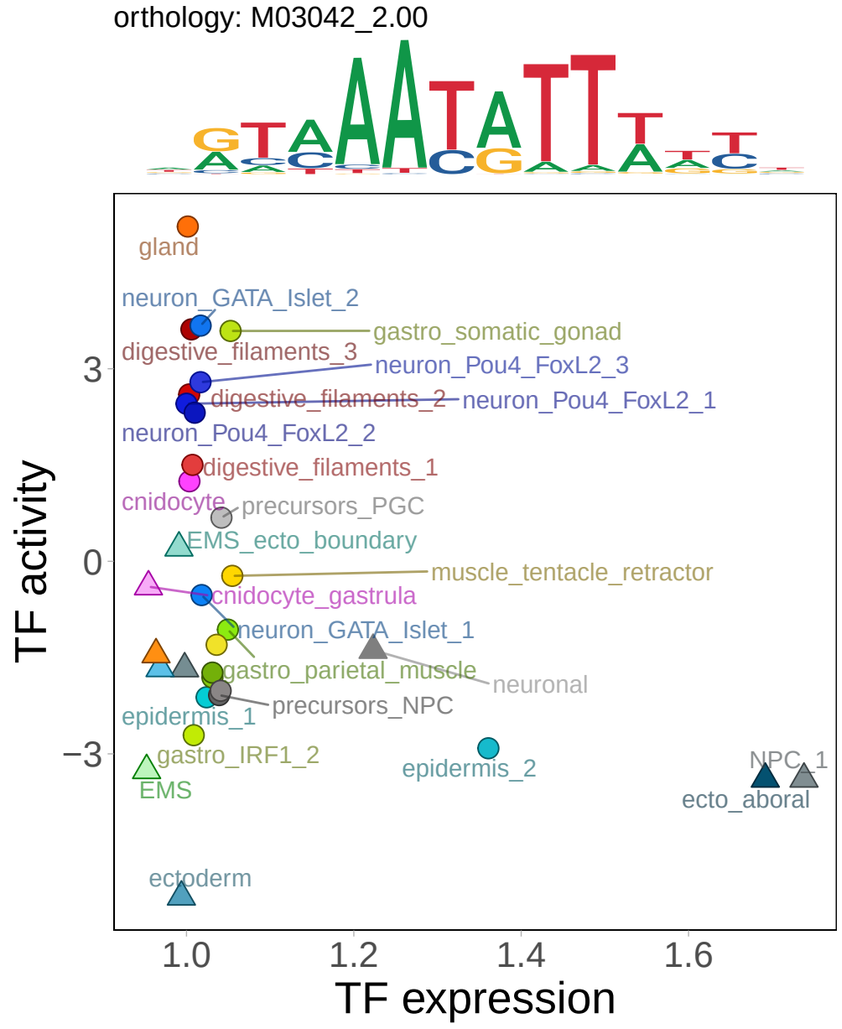


Nvec_vc1.1_XM_001634111.3
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/FOXD4/FOXD4L1/FO
PFAM: Forkhead

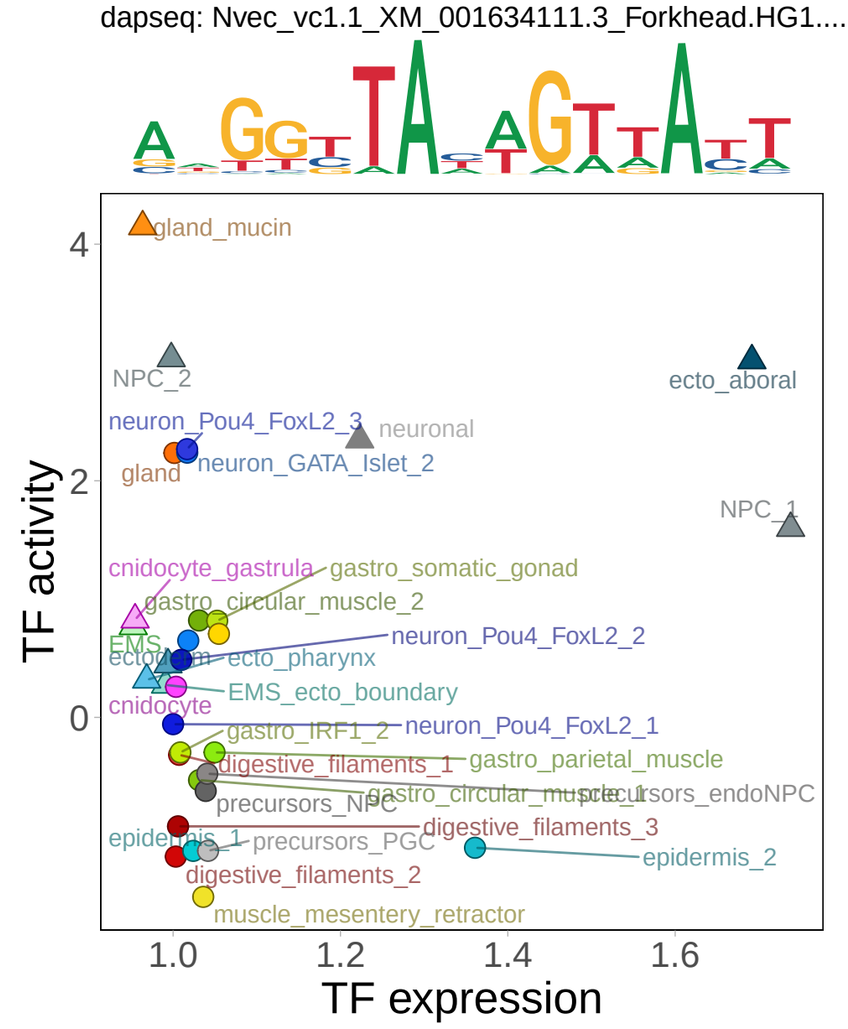
archetype: ARCH829_PB0121.1_Foxj3_2



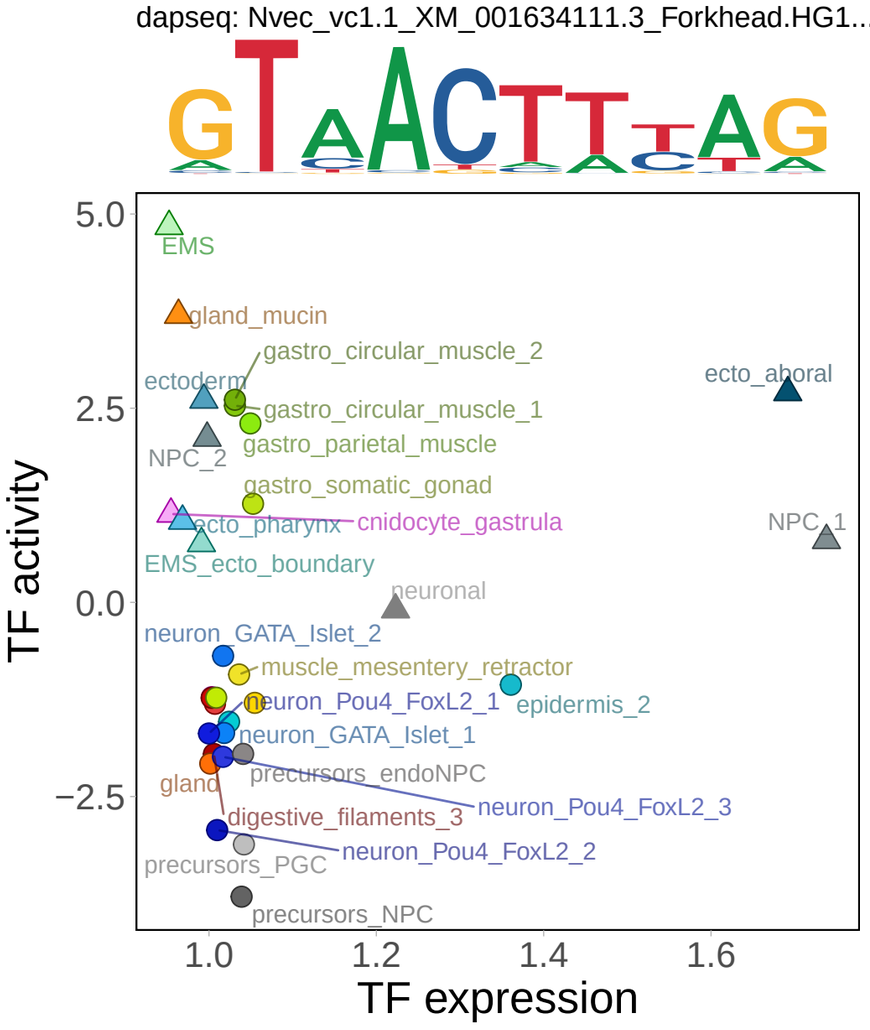
orthology: M03042_2.00



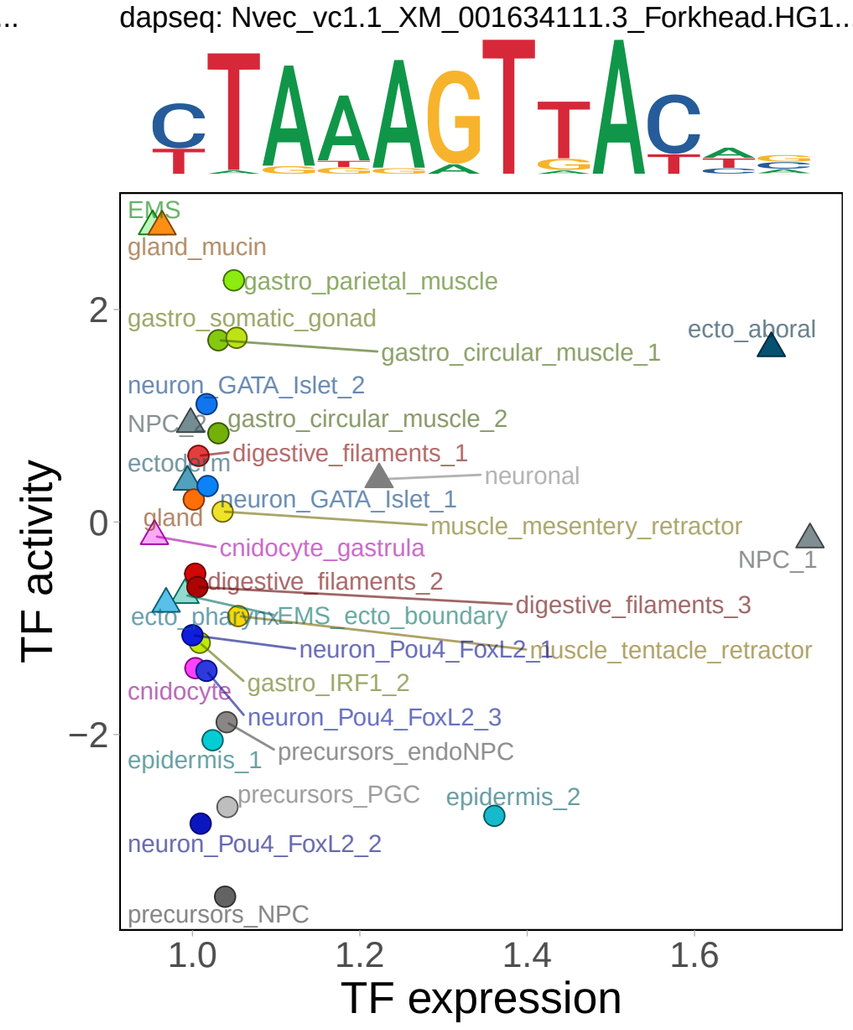
dapseq: Nvec_vc1.1_XM_001634111.3_Forkhead.HG1....



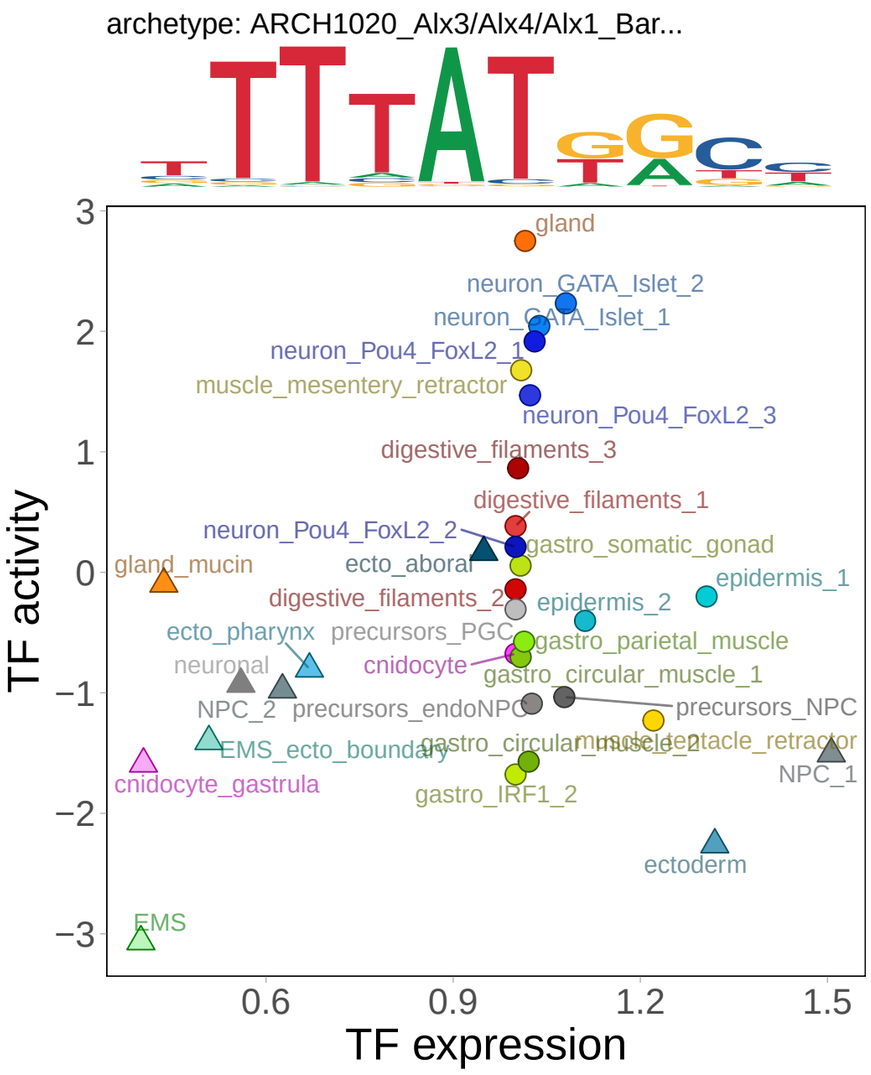
dapseq: Nvec_vc1.1_XM_001634111.3_Forkhead.HG1....

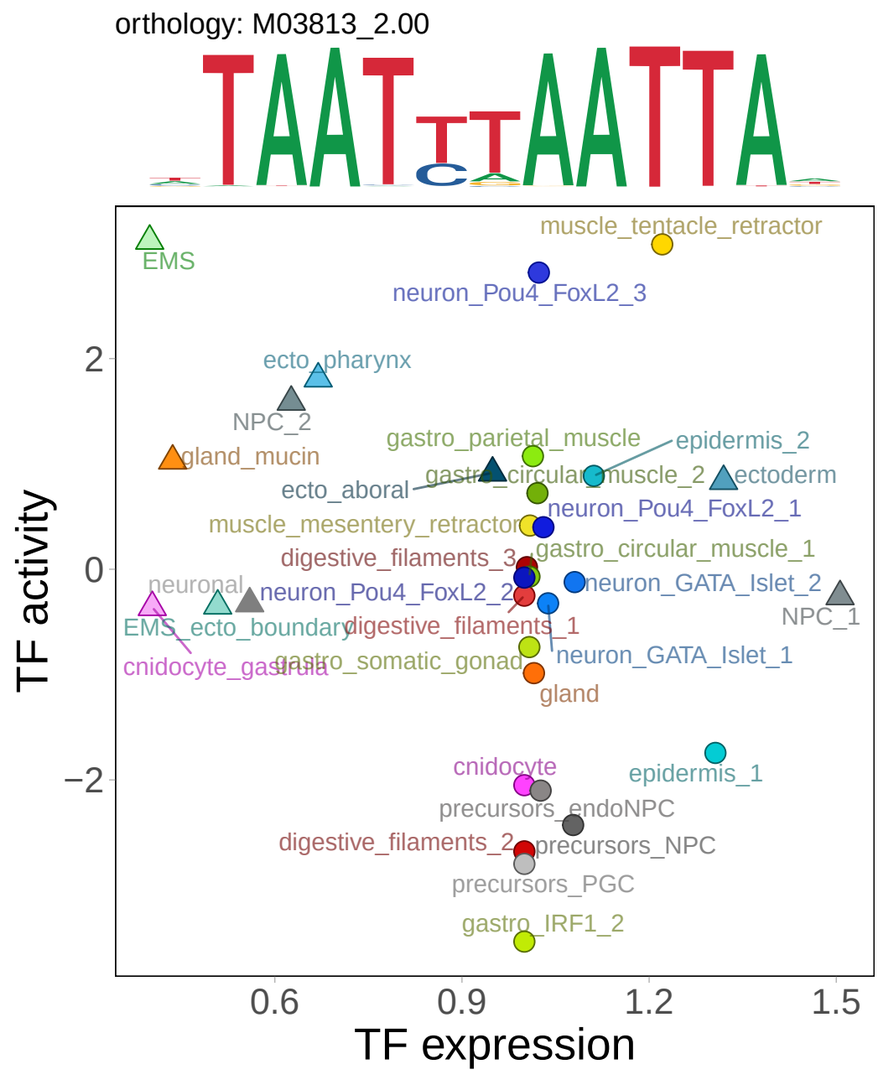


dapseq: Nvec_vc1.1_XM_001634111.3_Forkhead.HG1....

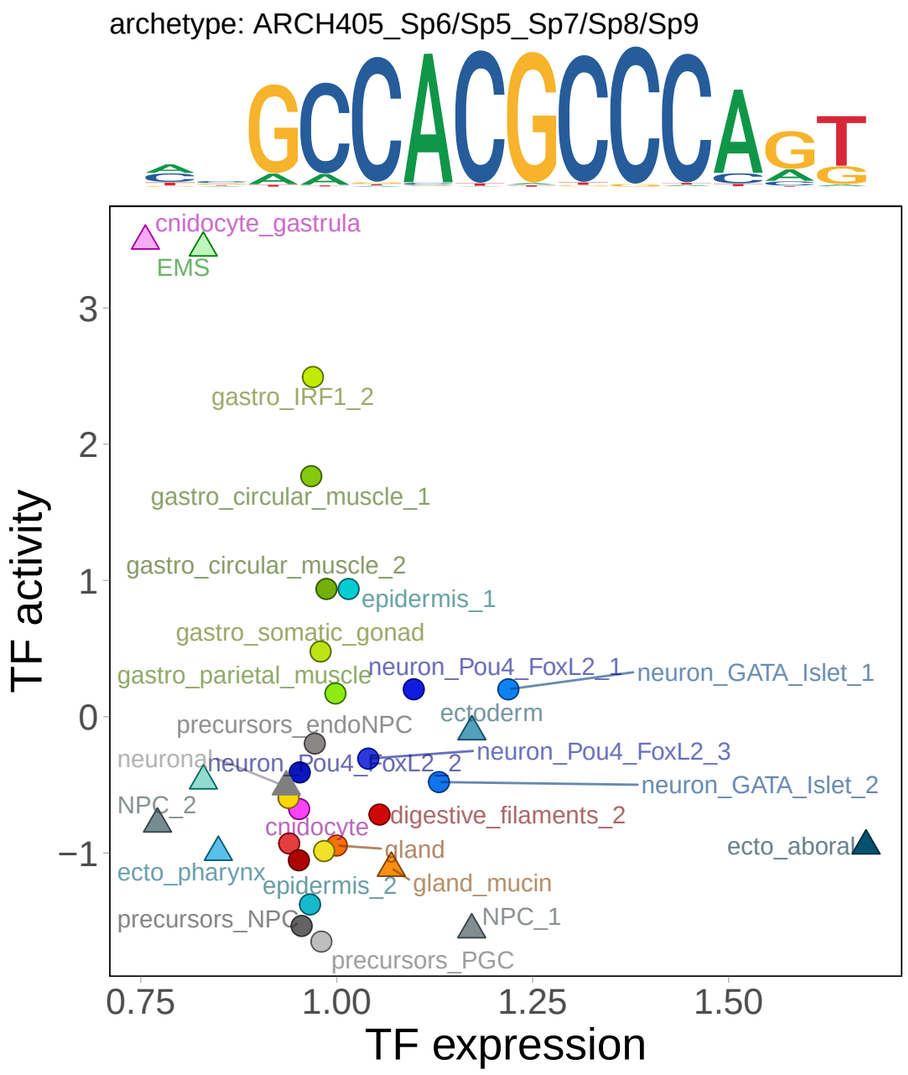


Nvec_vc1.1_XM_001634116.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR

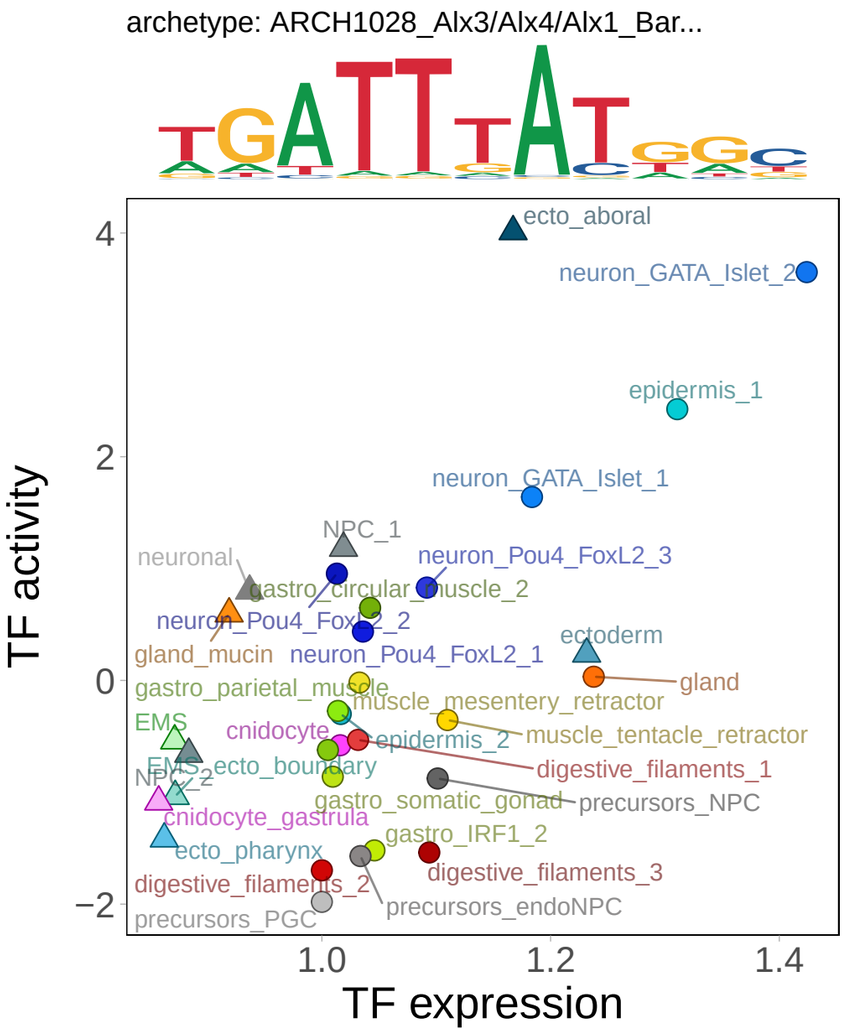


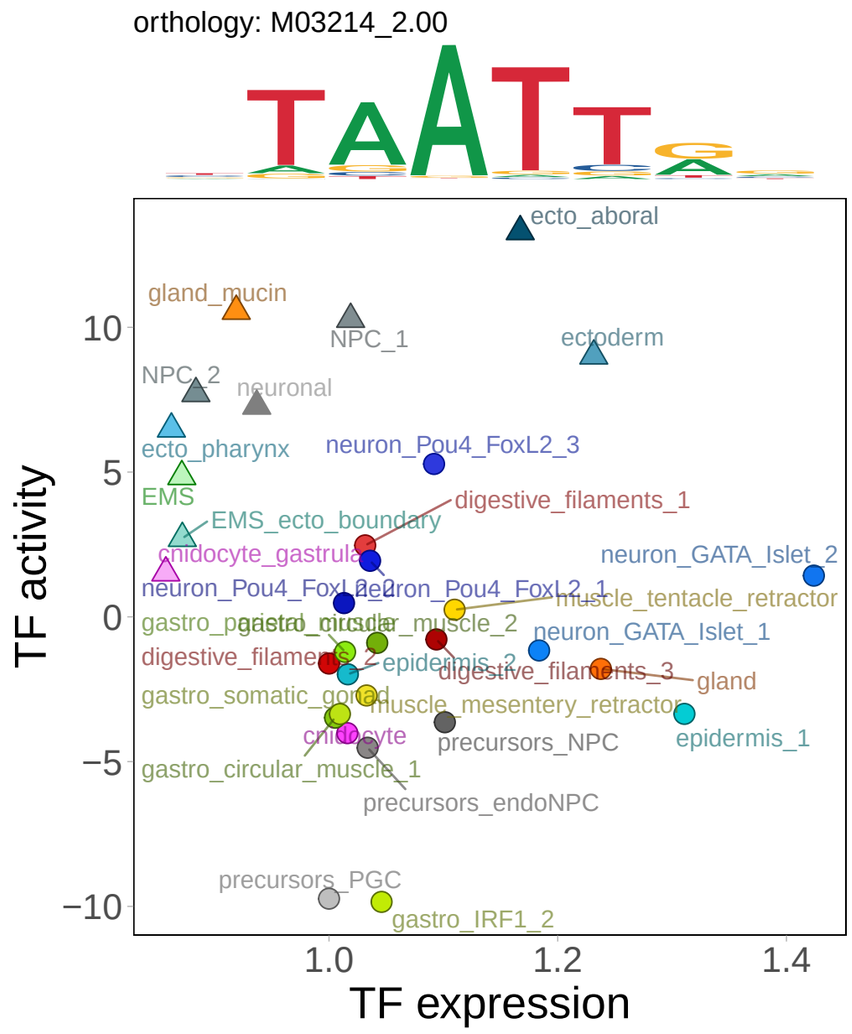


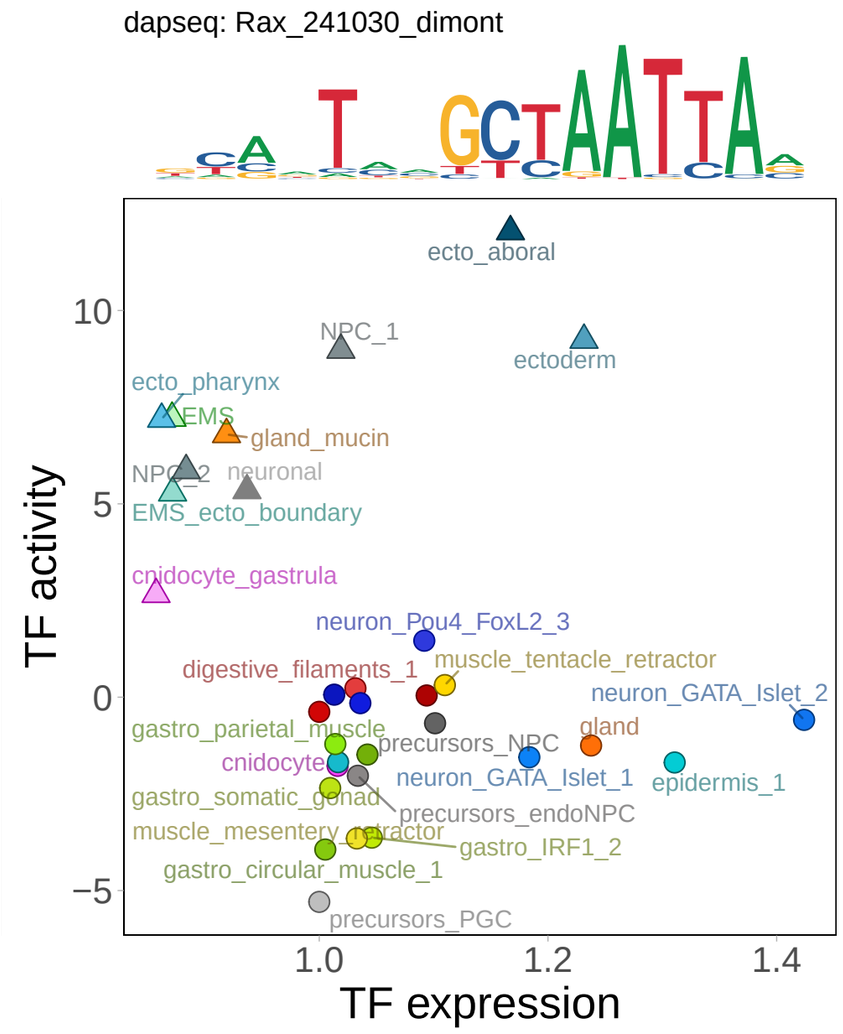
Nvec_vc1.1_XM_001634132.3
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9
PFAM: zf−C2H2/zf−C2H2

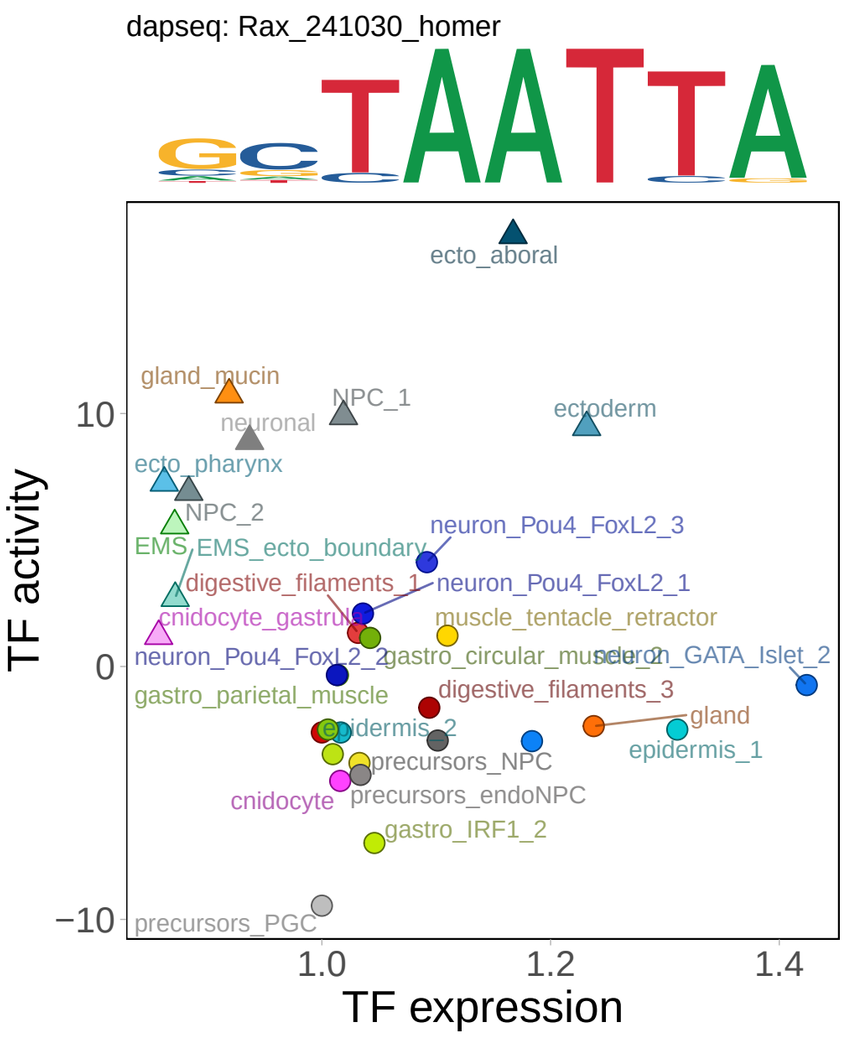


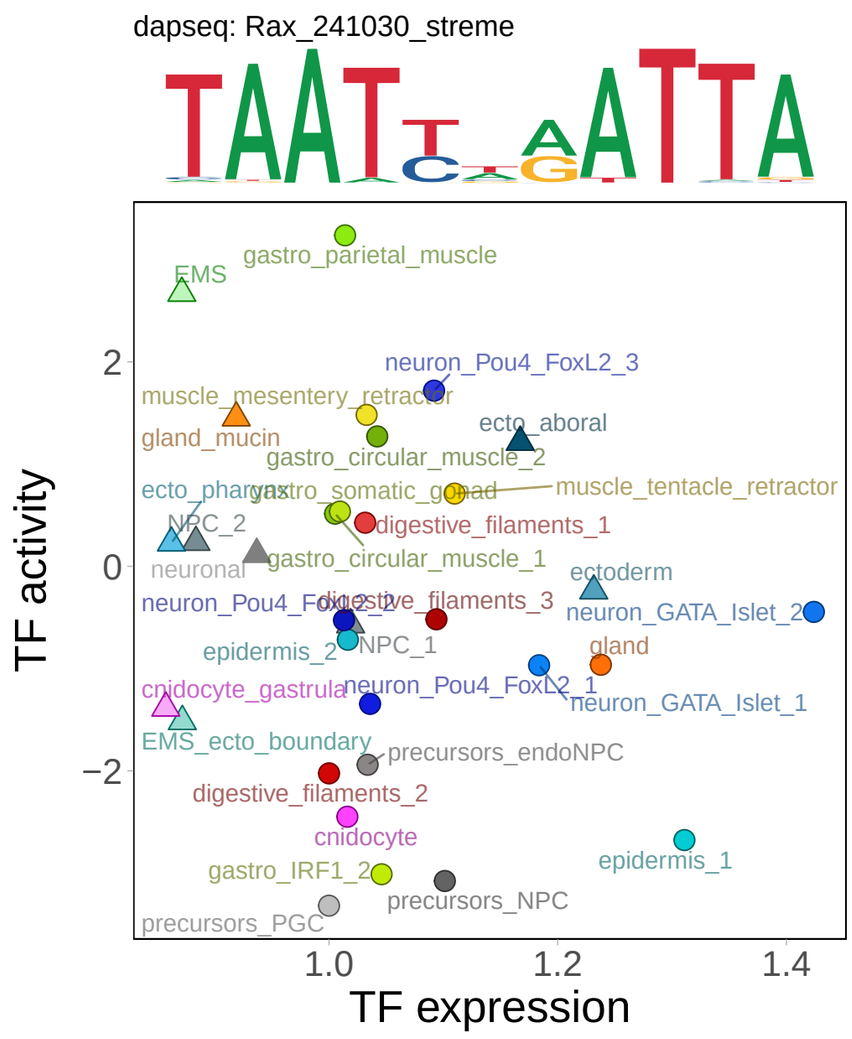
Nvec_vc1.1_XM_001634160.3
OG: Homeodomains.HG2.57:RAX/RAX2
PFAM: Homeodomain/OAR



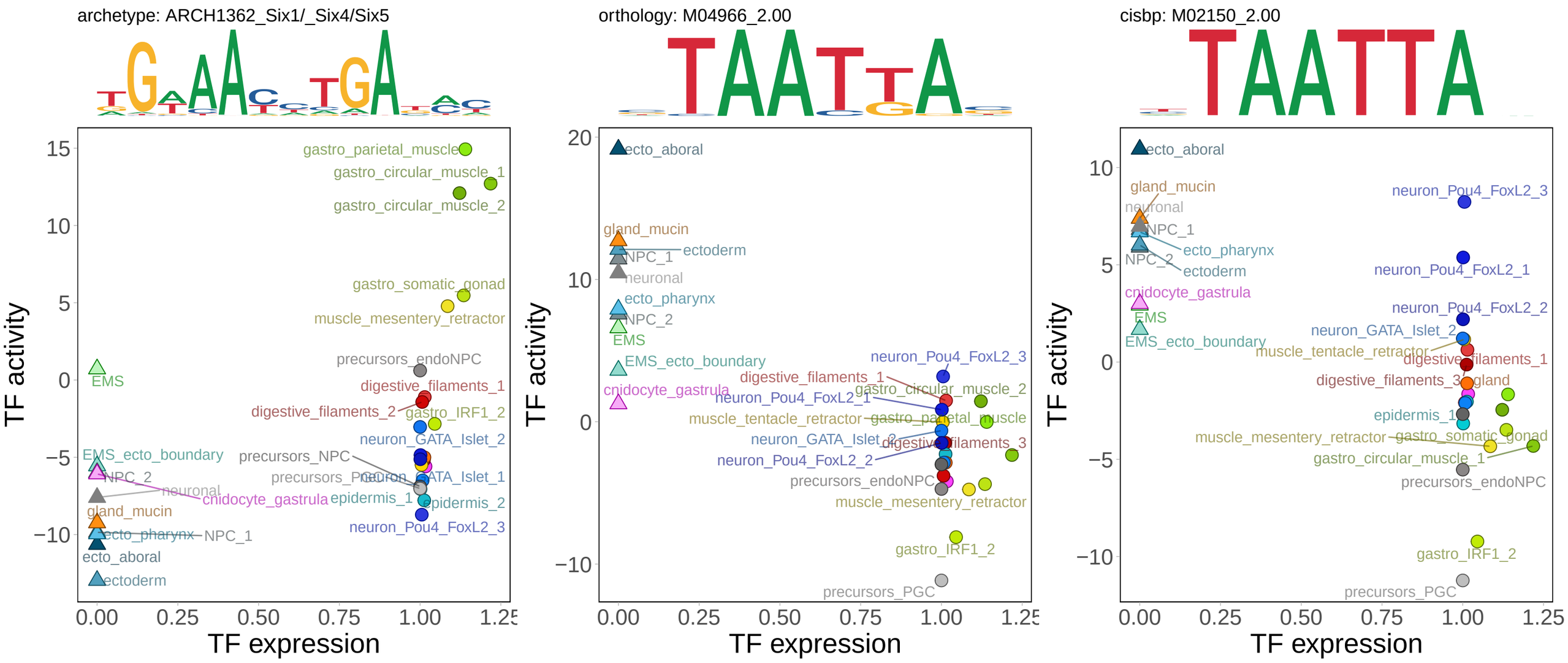




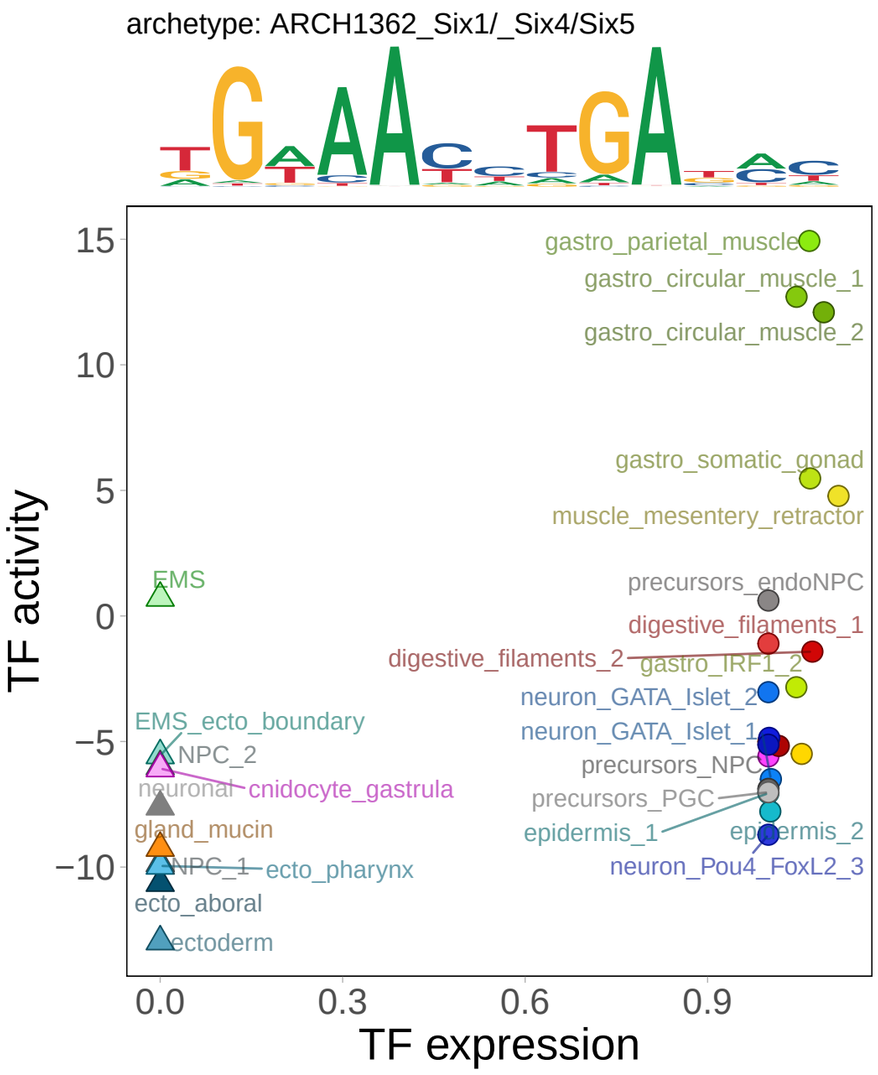


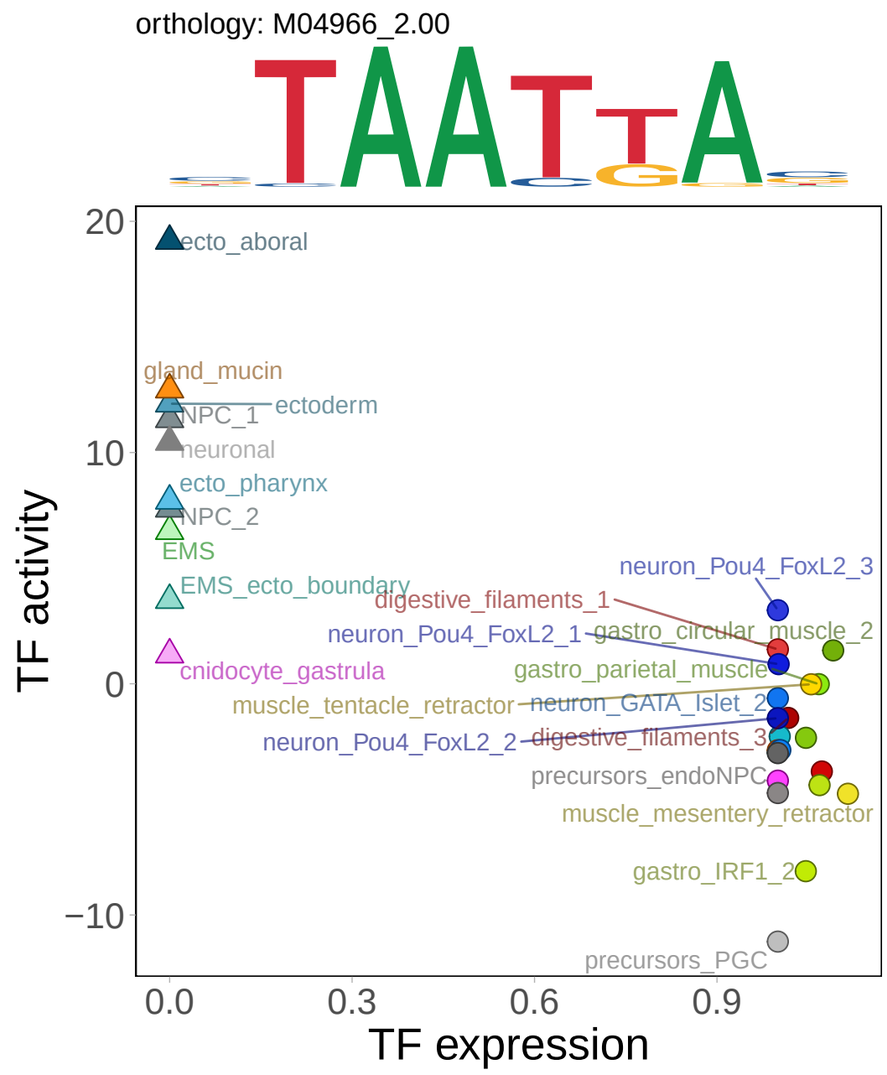


Nvec_vc1.1_XM_001634198.3
OG: Homeodomains.HG1.70:HOXA2/HOXB2/PDX1
PFAM: Homeodomain

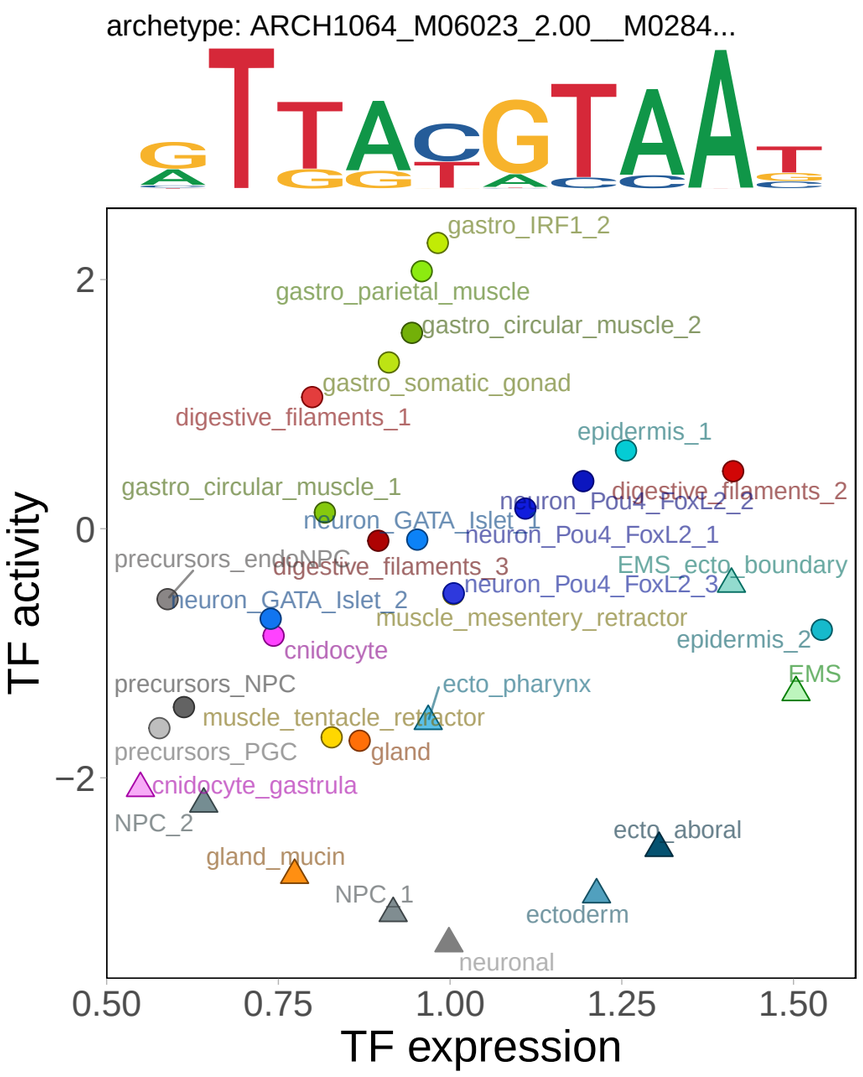


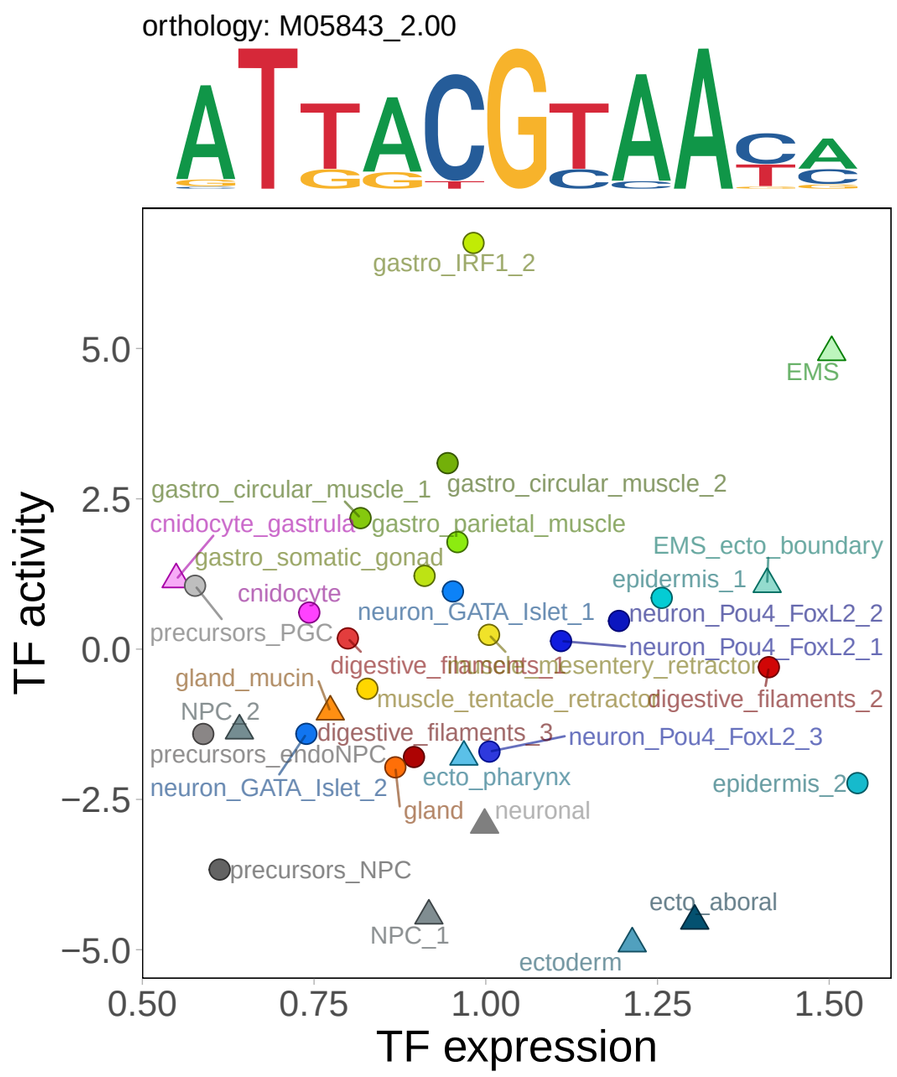
Nvec_vc1.1_XM_001634199.3
OG: Homeodomains.HG1.70:HOXA2/HOXB2/PDX1
PFAM: Homeodomain



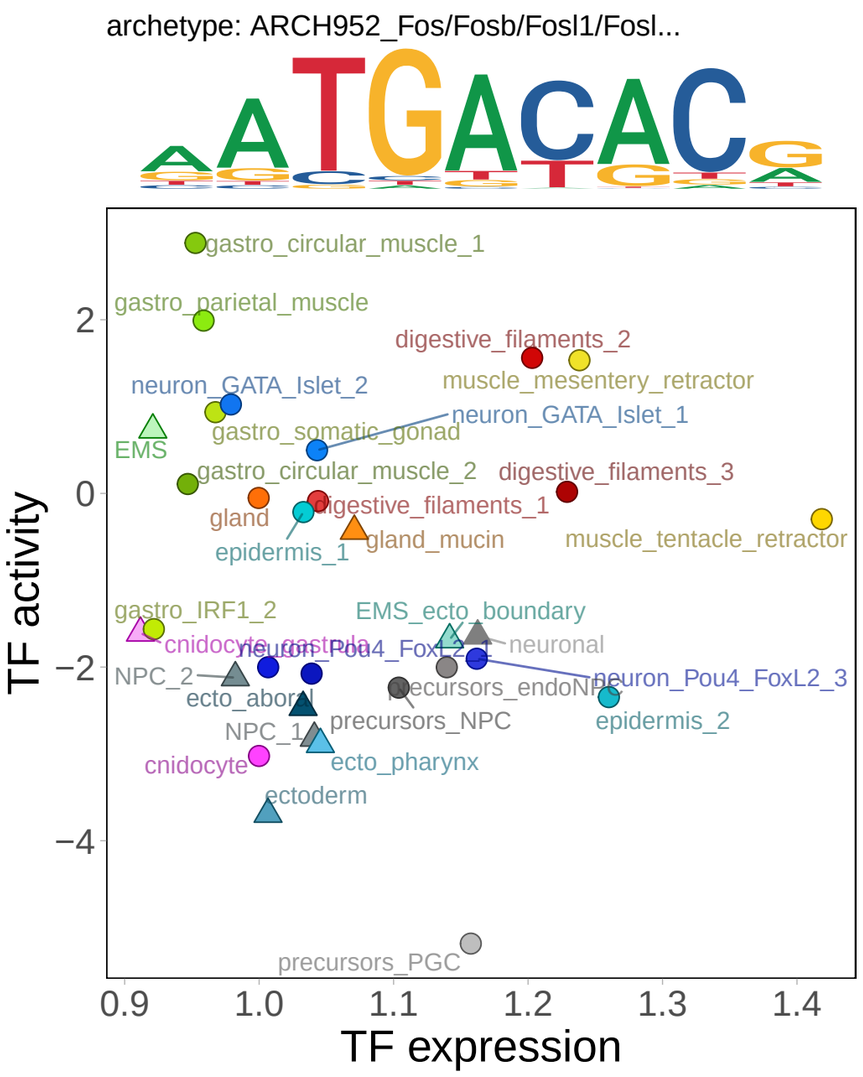


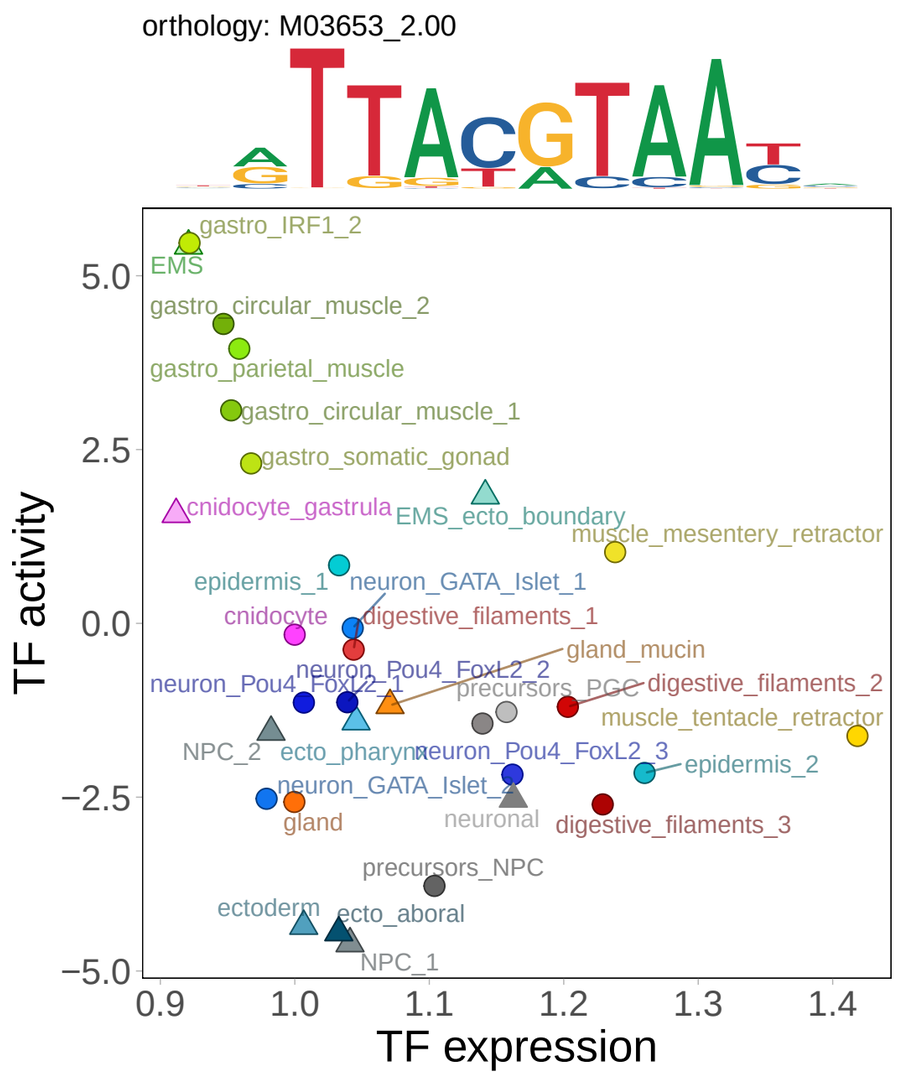
Nvec_vc1.1_XM_001634326.3
OG: bZIP.HG2.0:like:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG
PFAM: bZIP_2



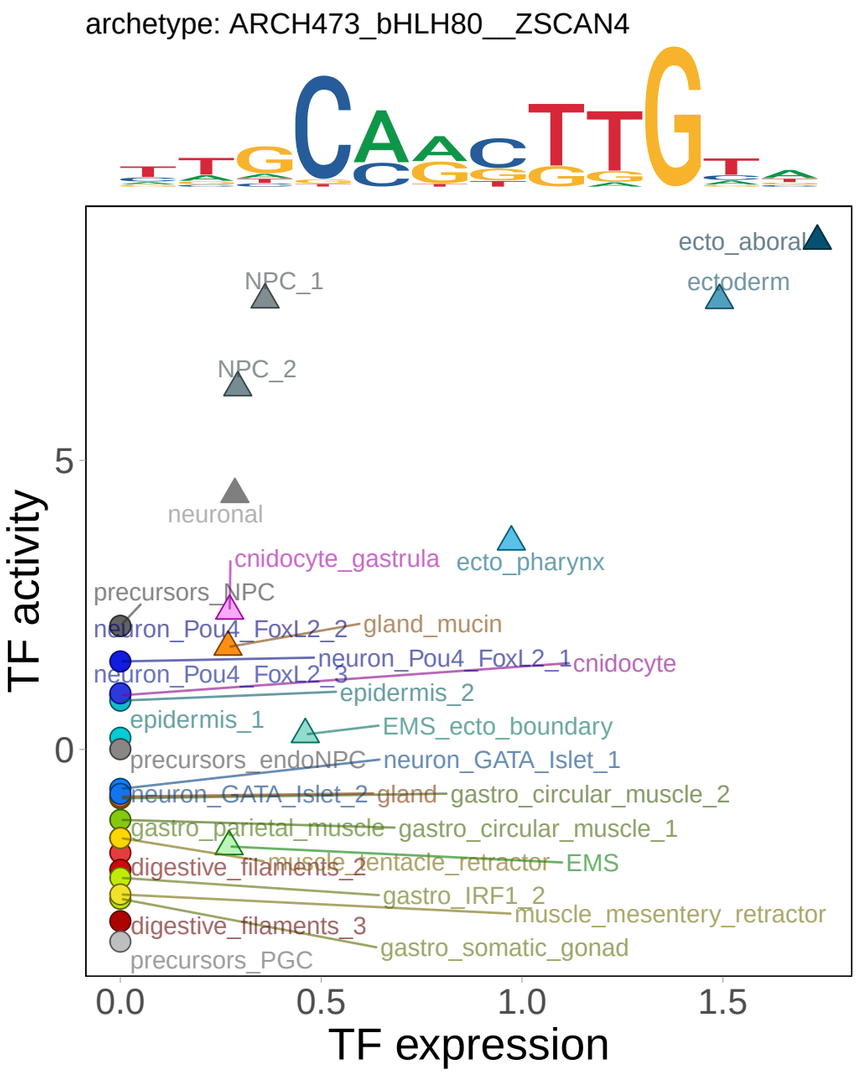


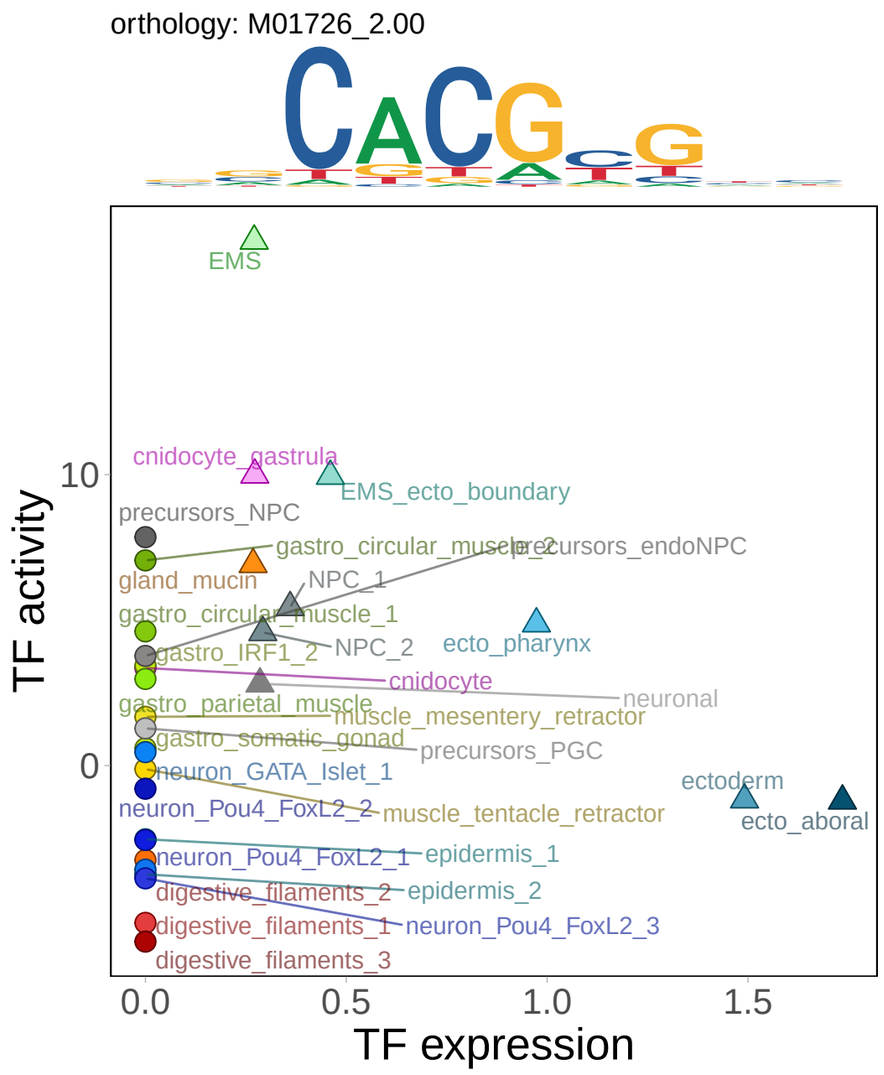
Nvec_vc1.1_XM_001634460.3
OG: bZIP.HG2.13:like:DBP/HLF/TEF
PFAM: bZIP_2



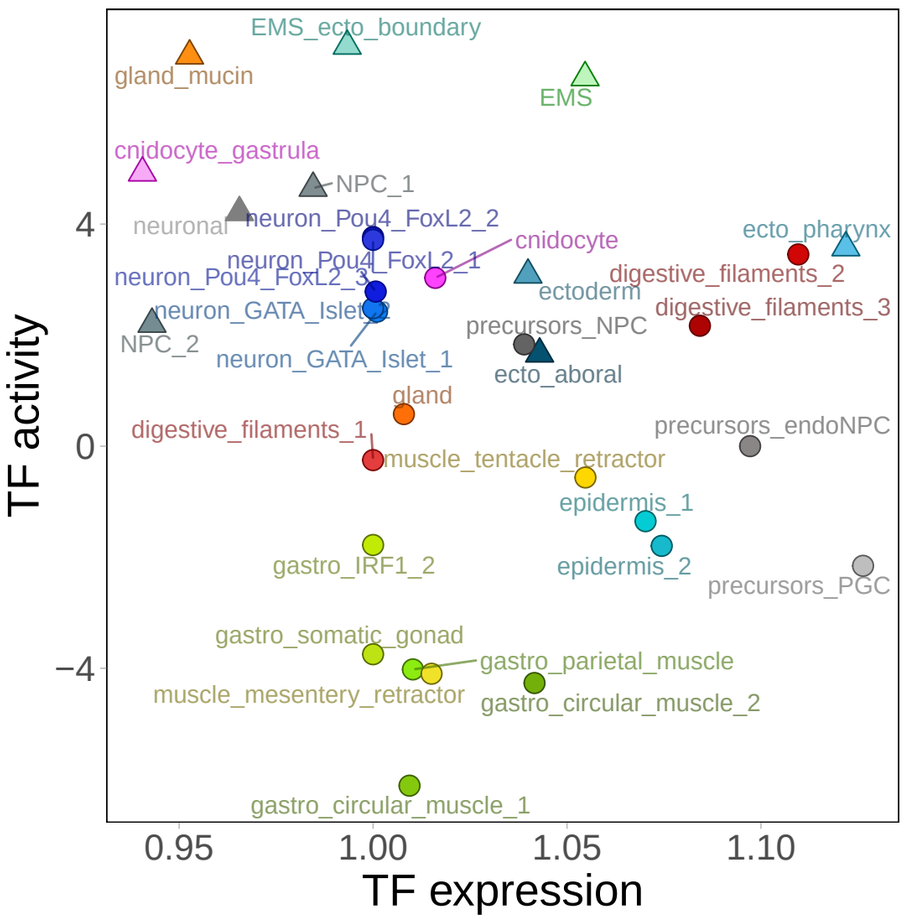


Nvec_vc1.1_XM_001634550.3
OG: HLH.HG1.53:HES5/HES7
PFAM: HLH

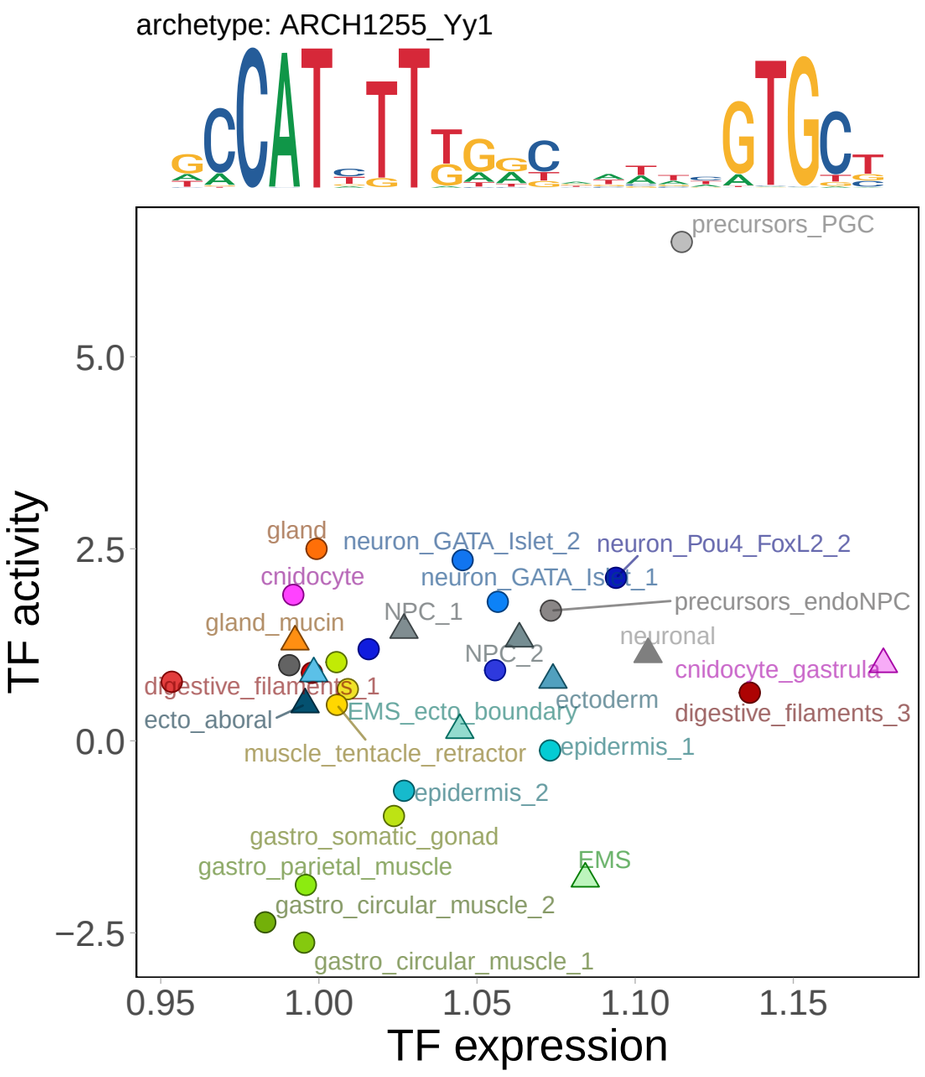




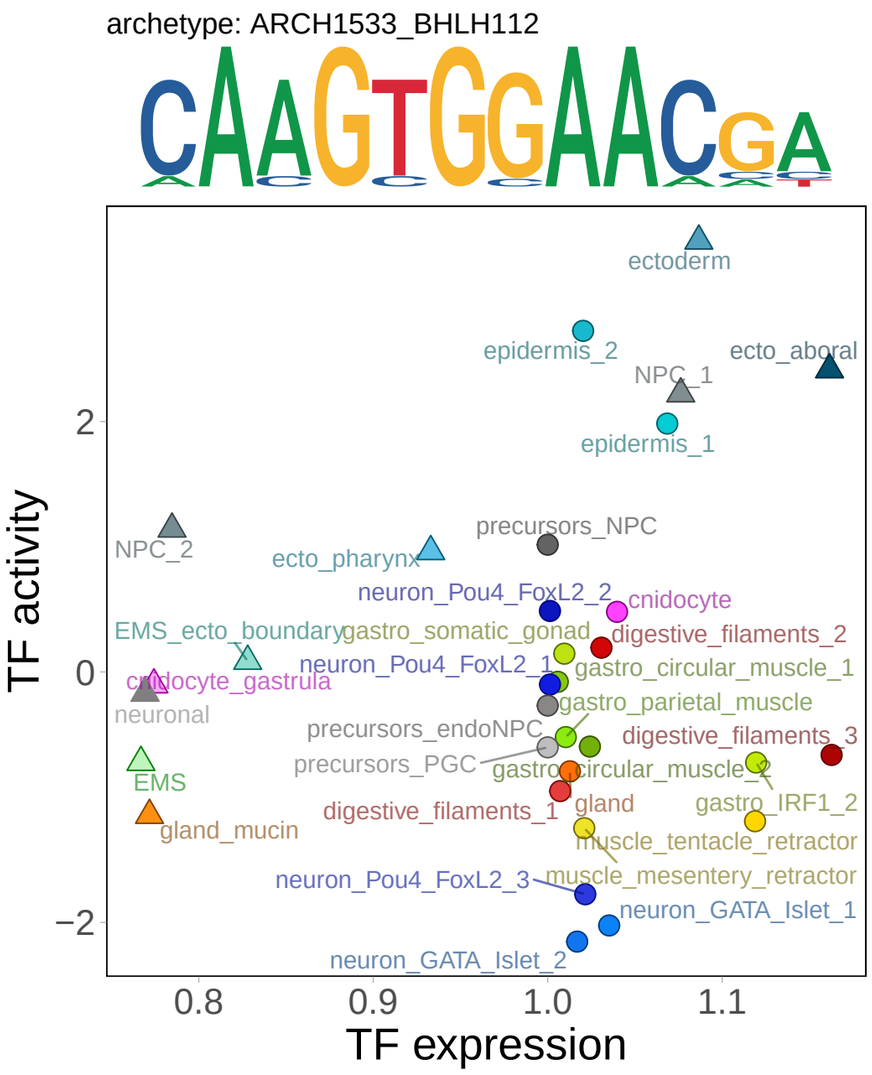
orthology: M09442_2.00

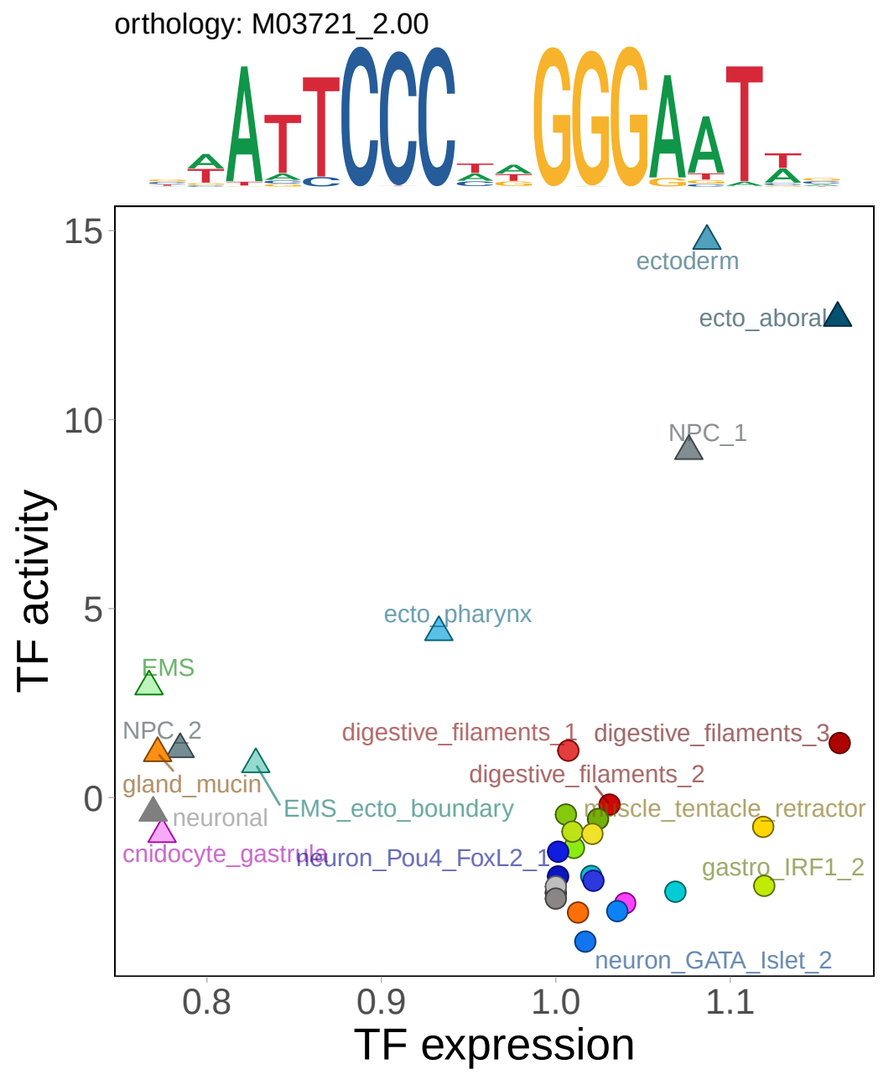


Nvec_vc1.1_XM_001634673.3
OG: zf−C2H2.HG1.5:ZNF688
PFAM: zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

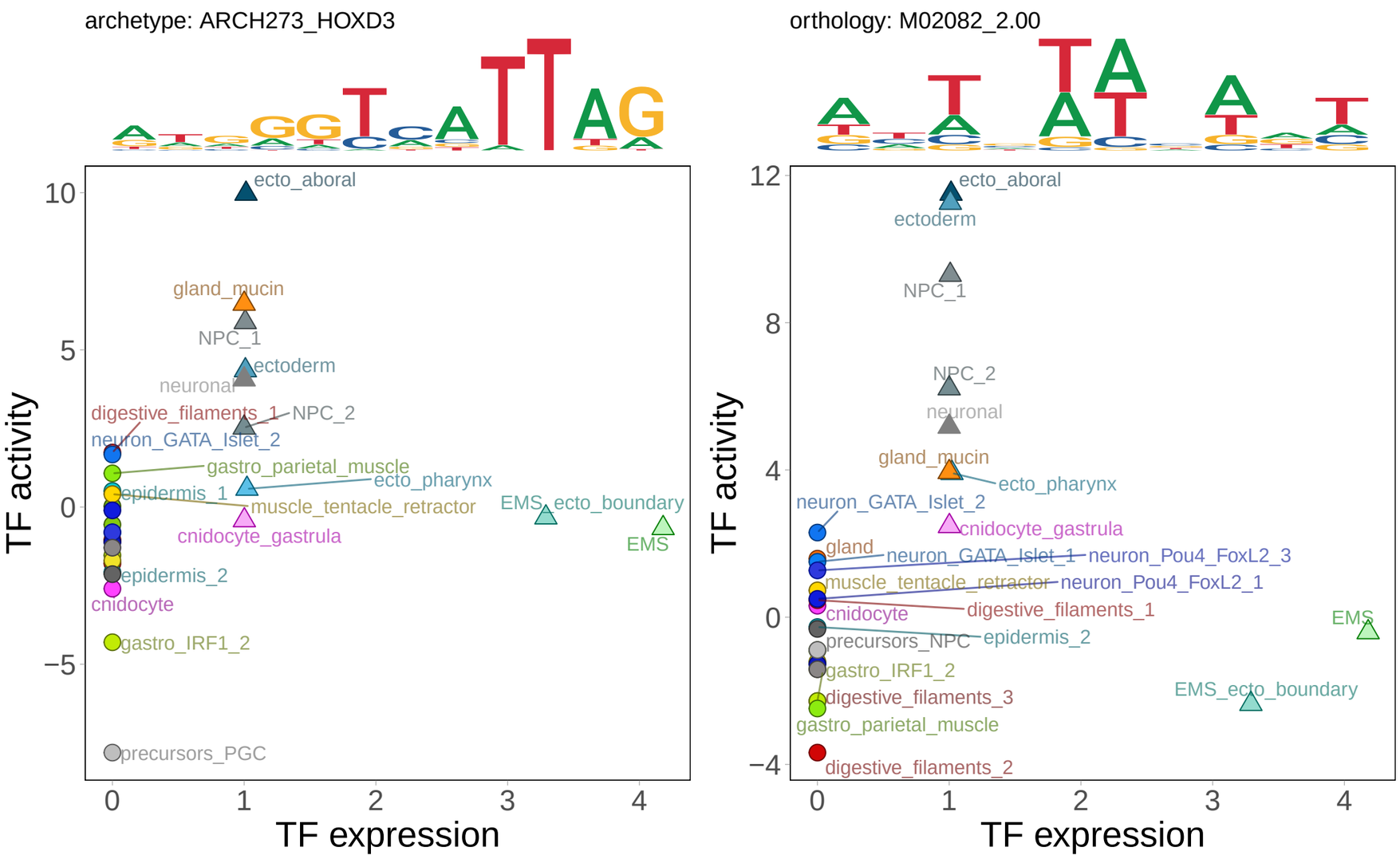


Nvec_vc1.1_XM_001634712.3
OG: HLH.HG2.0:EBF1/EBF2/EBF3/EBF4
PFAM: COE1_DBD/TIG/COE1_HLH

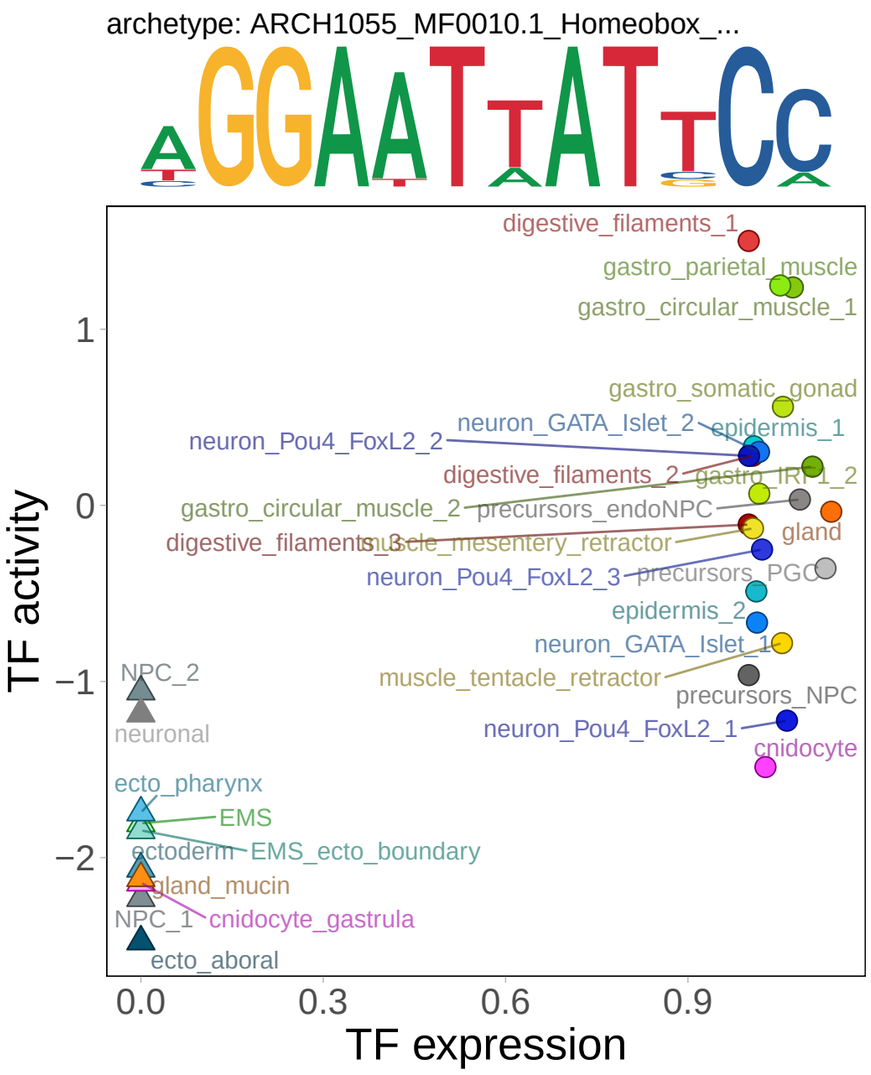


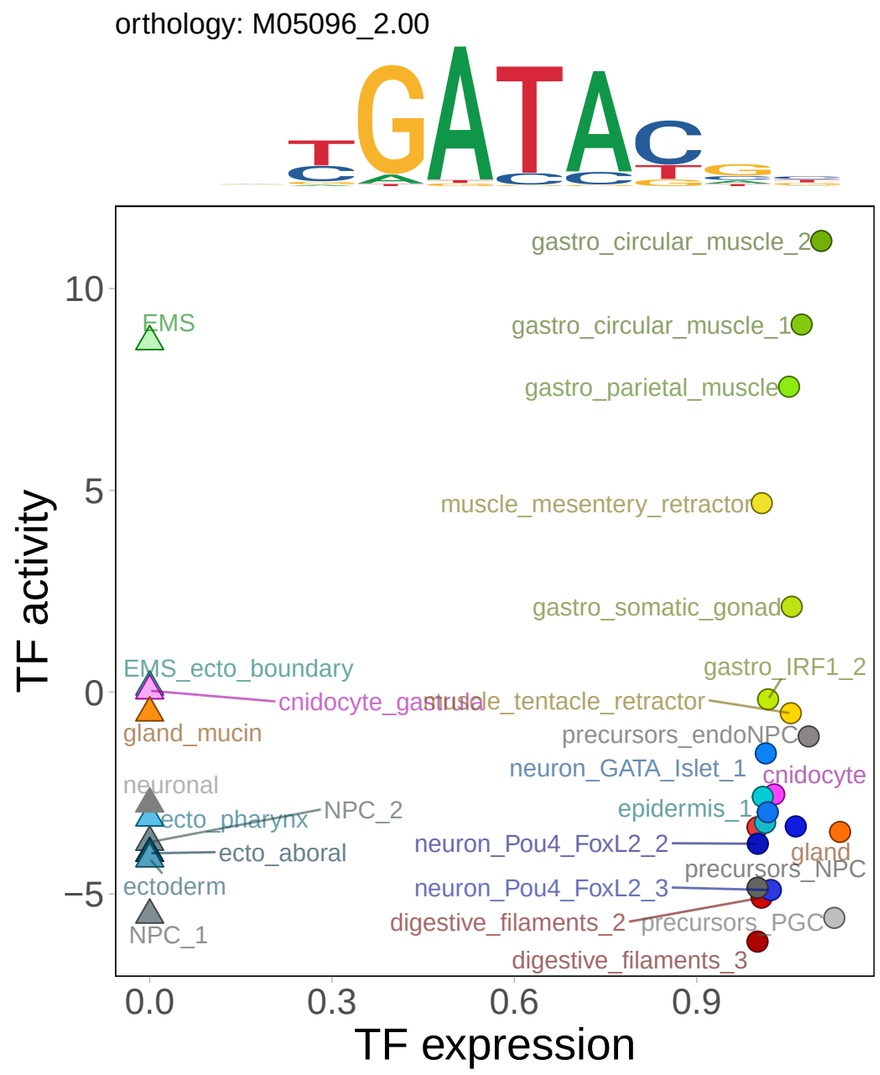


Nvec_vc1.1_XM_001634768.3
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB
PFAM: Homeodomain

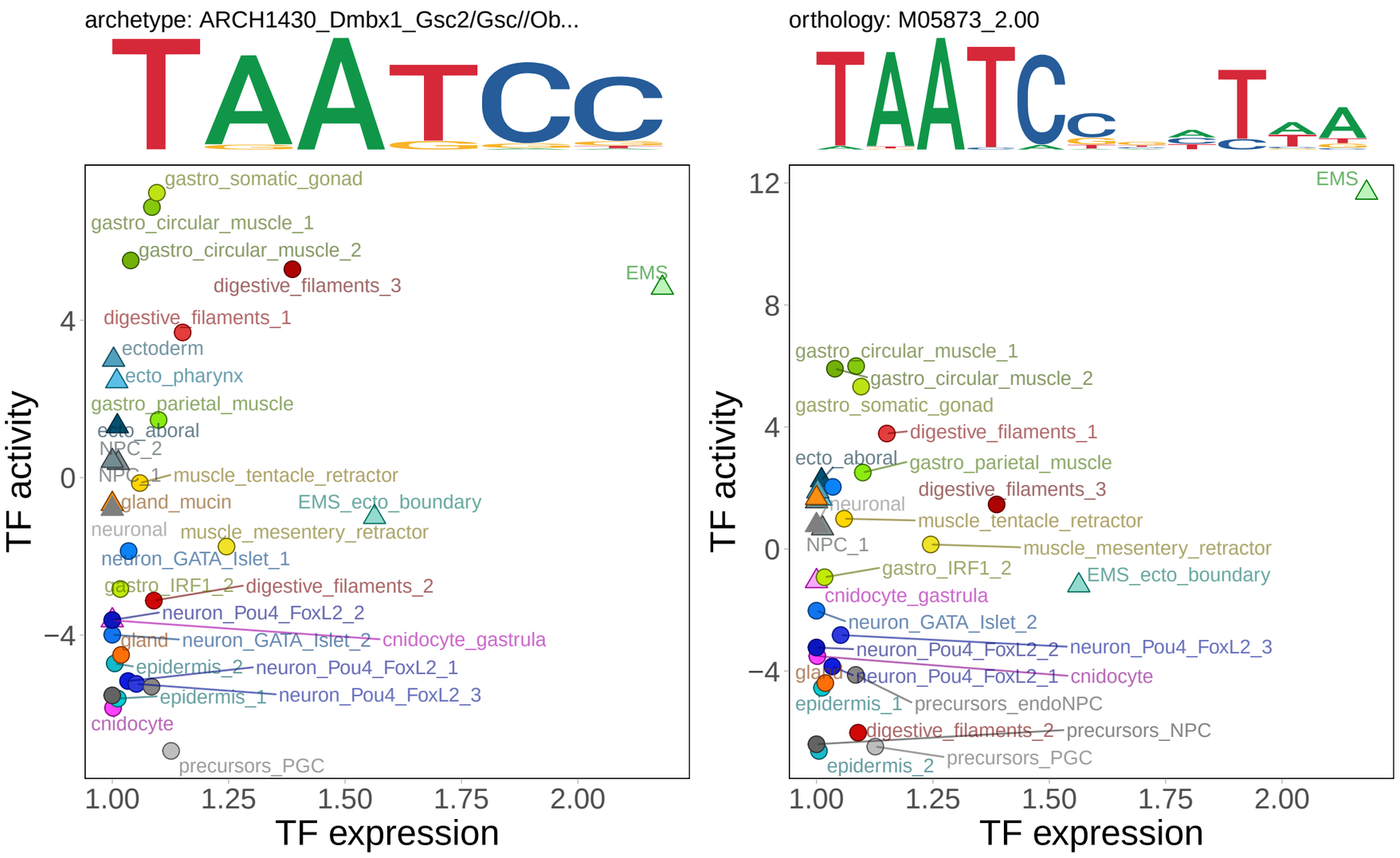


Nvec_vc1.1_XM_001634946.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain



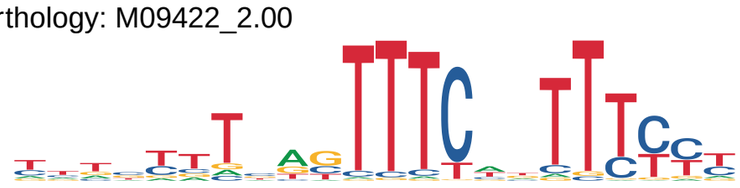


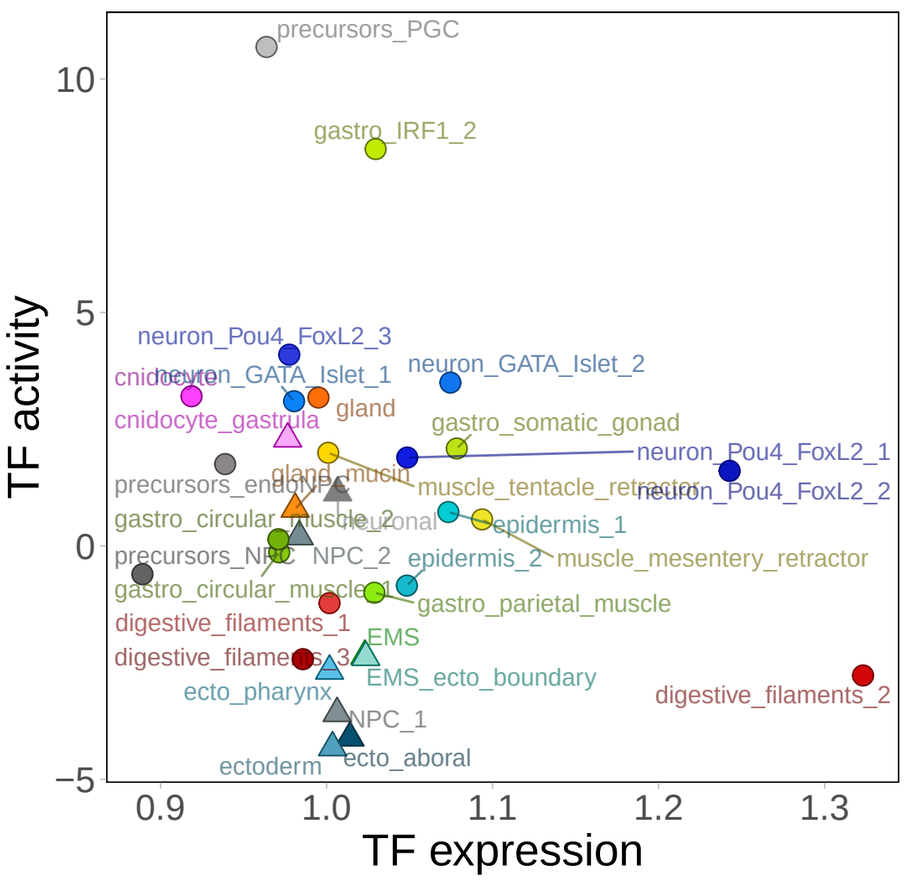
Nvec_vc1.1_XM_001634956.3
OG: Homeodomains.HG2.43:GSC/GSC2
PFAM: Homeodomain



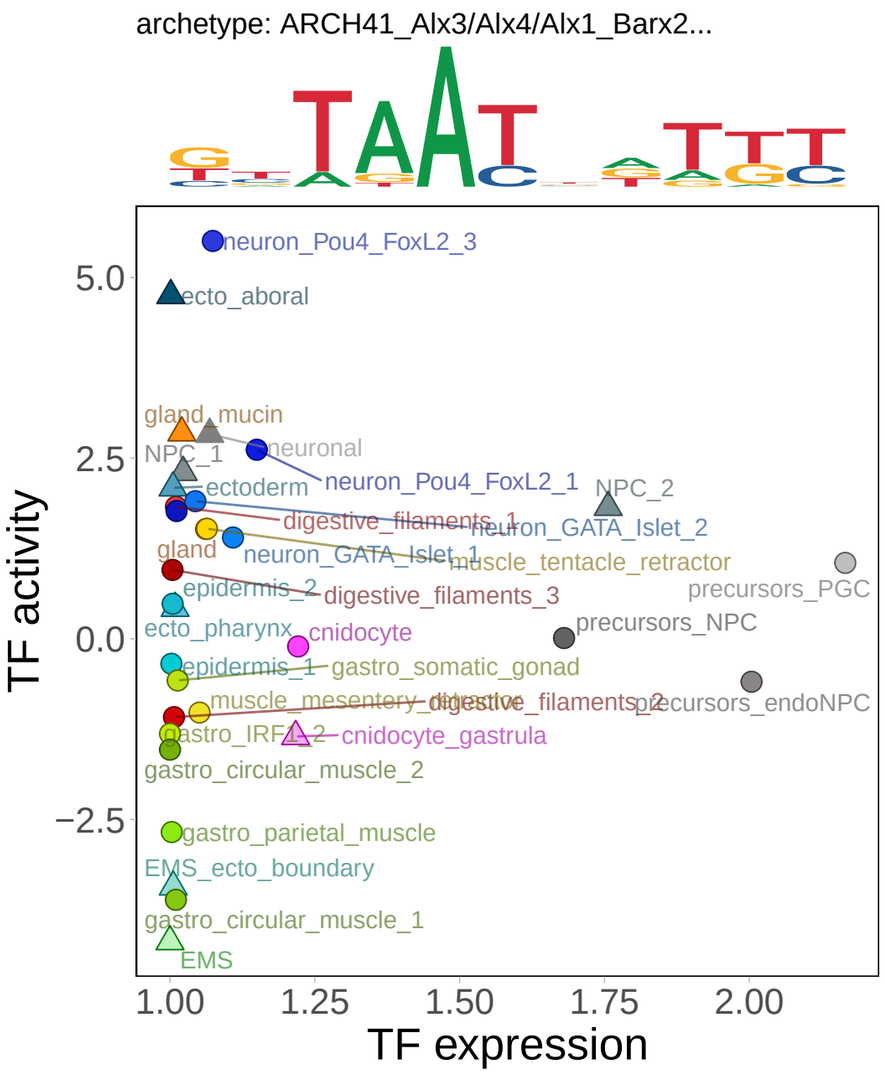
Nvec_vc1.1_XM_001634986.3
OG: STAT.HG1.2:STAT6
PFAM: STAT_alpha/STAT_bind/SH2

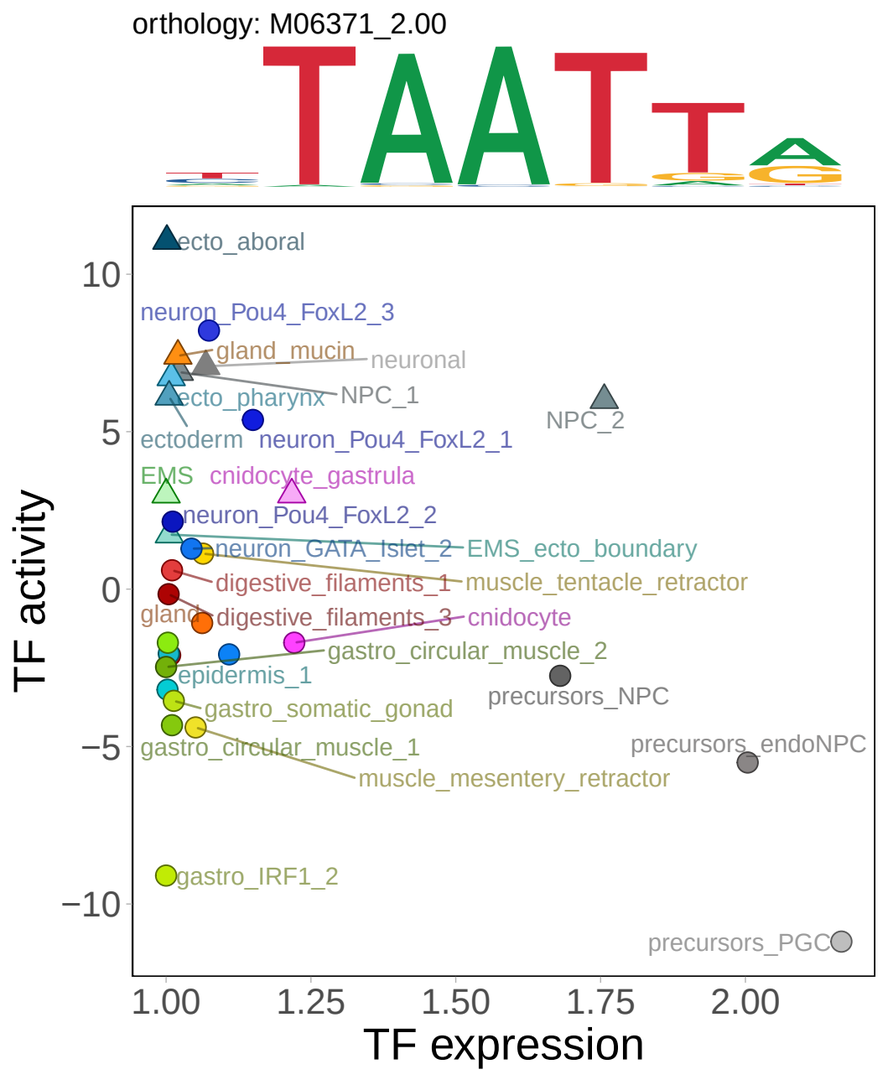
orthology: M09422_2.00



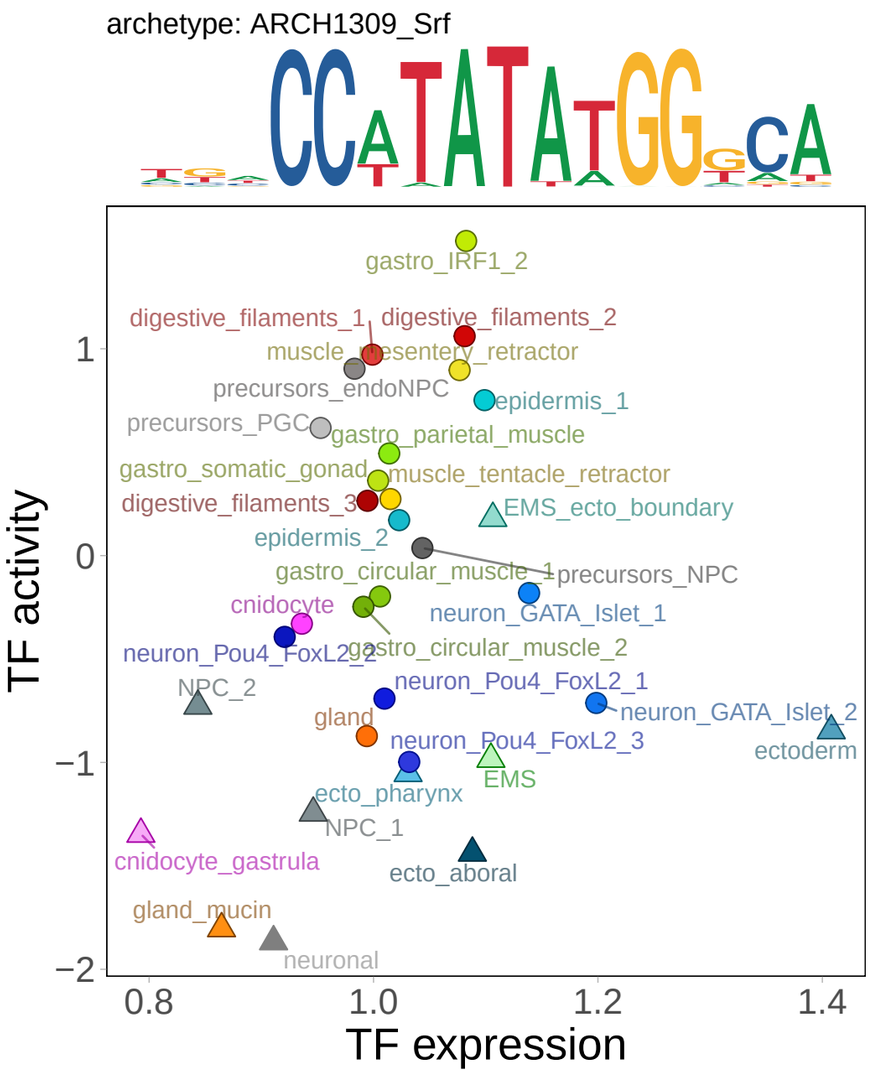


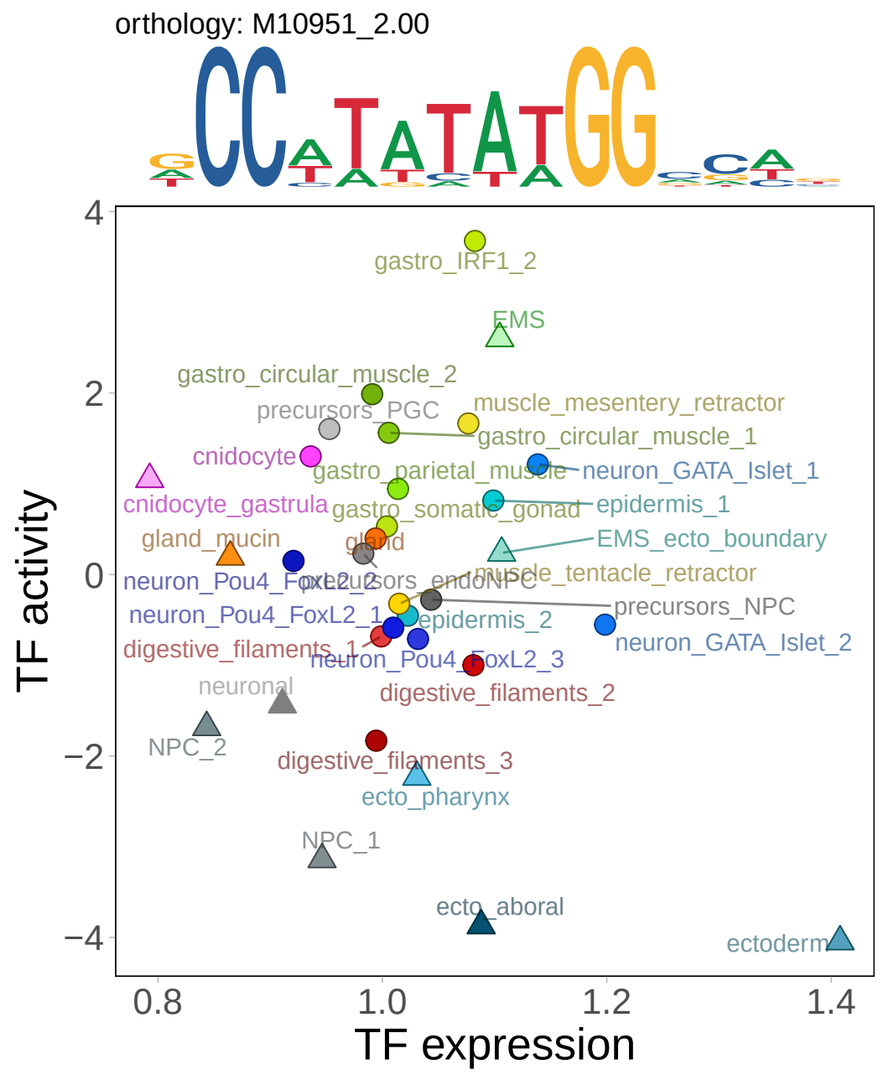
Nvec_vc1.1_XM_001635015.3
OG: Homeodomains.HG2.68:like:ARX/OTP
PFAM: Homeodomain



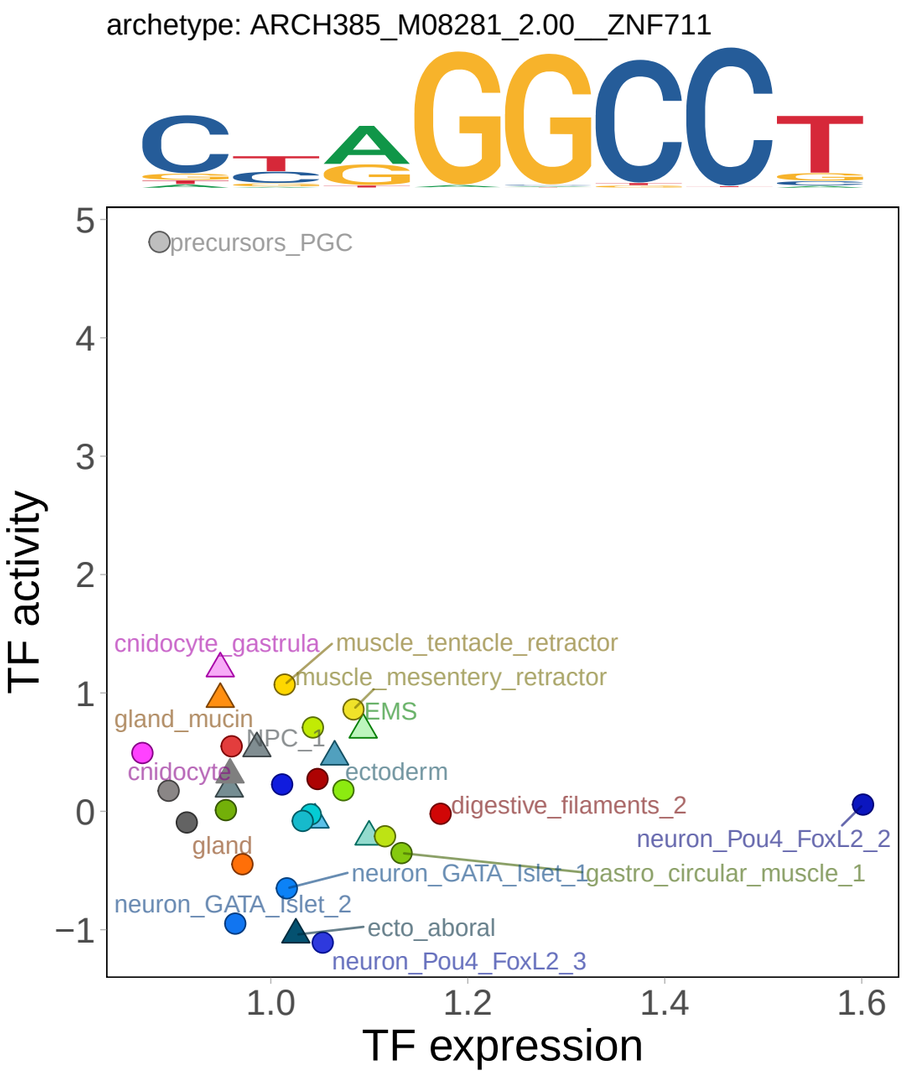


Nvec_vc1.1_XM_001635041.3
OG: MADS−box_SRF.HG1.0:SRF
PFAM: SRF−TF

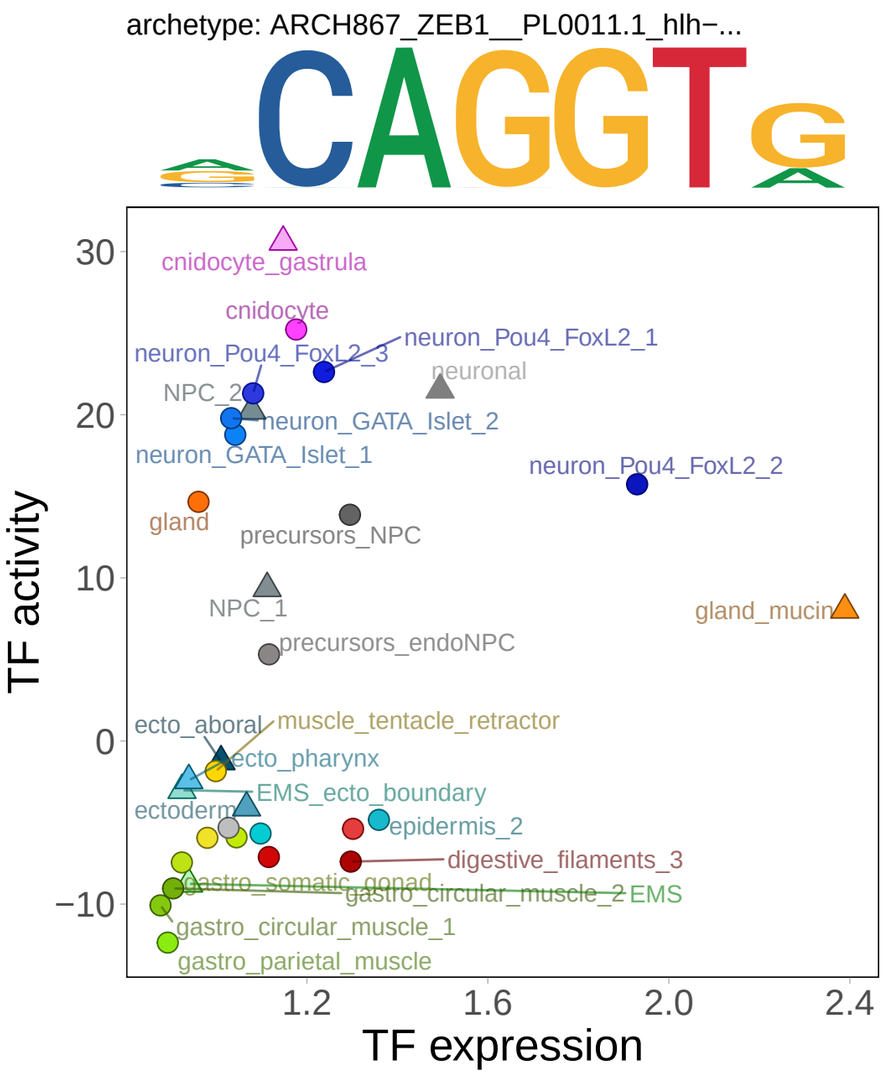


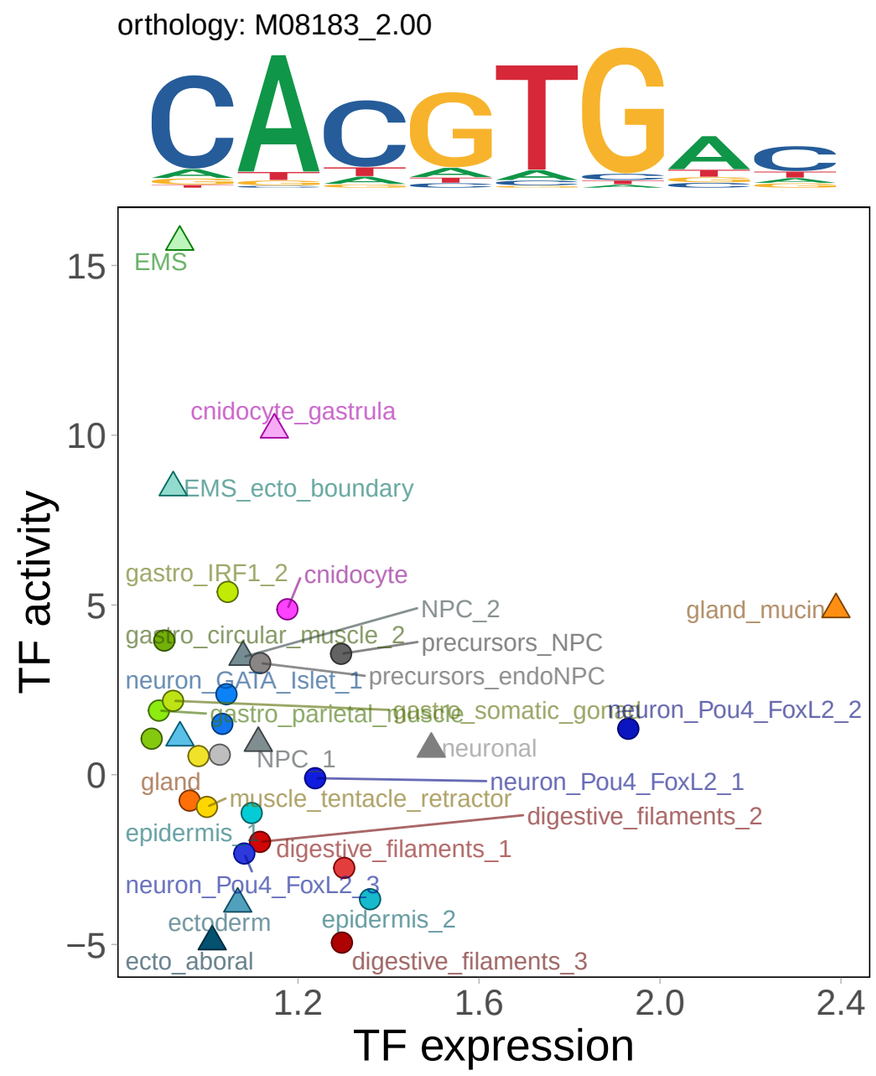


Nvec_vc1.1_XM_001635120.3
OG: zf−C2H2.HG1.207:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_4

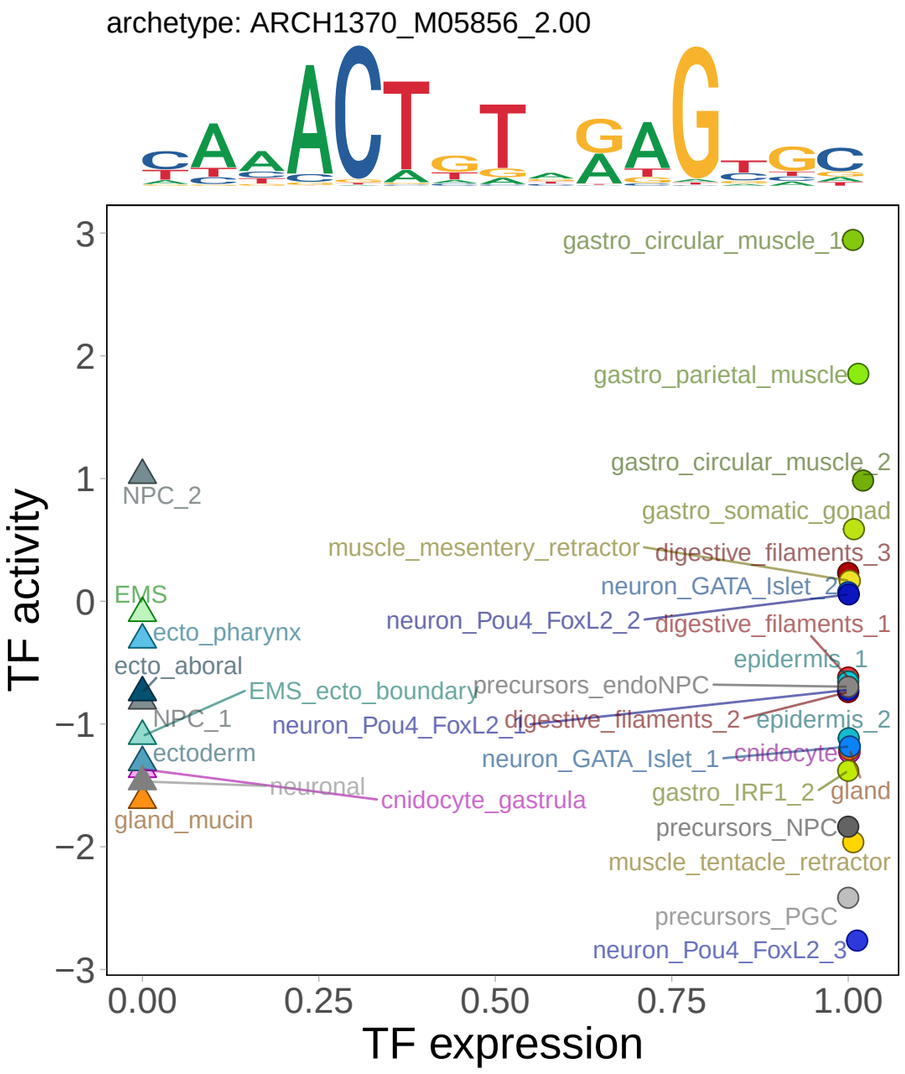


Nvec_vc1.1_XM_001635172.3
OG: HLH.HG1.38:MXD1/MXD3/MXD4/MXI1
PFAM: HLH

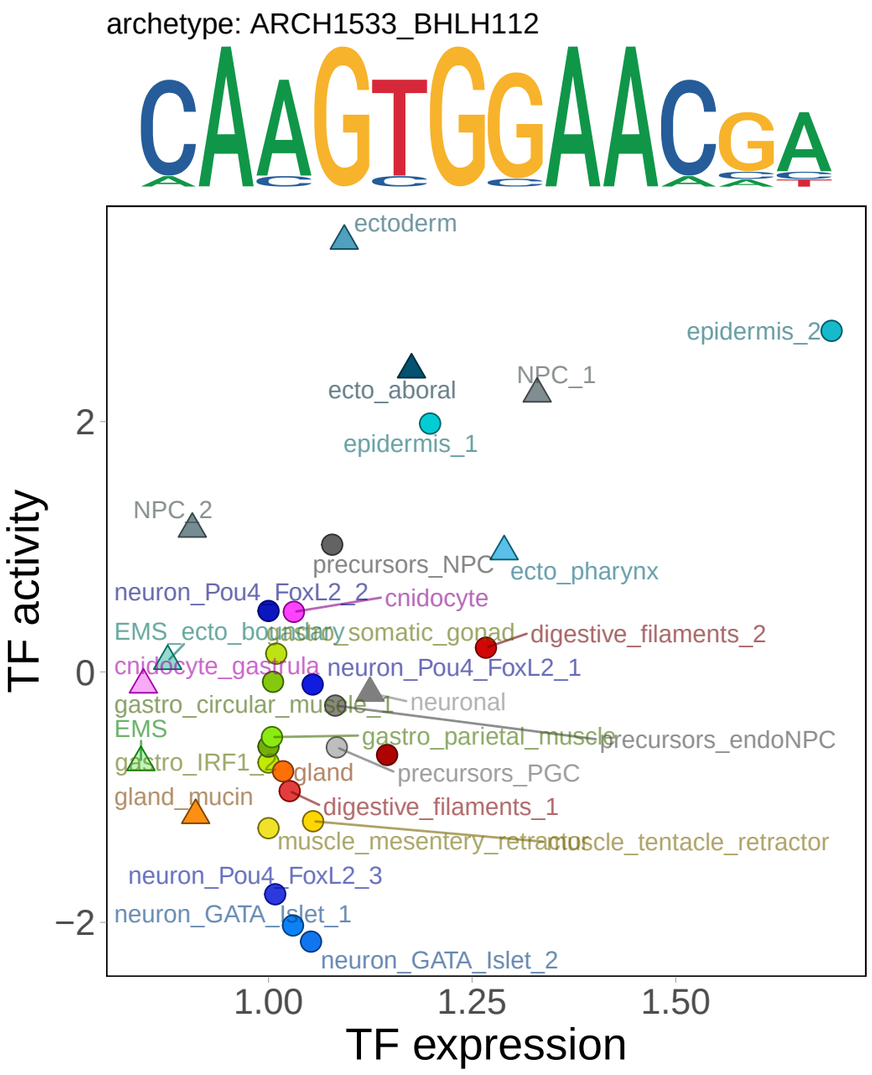


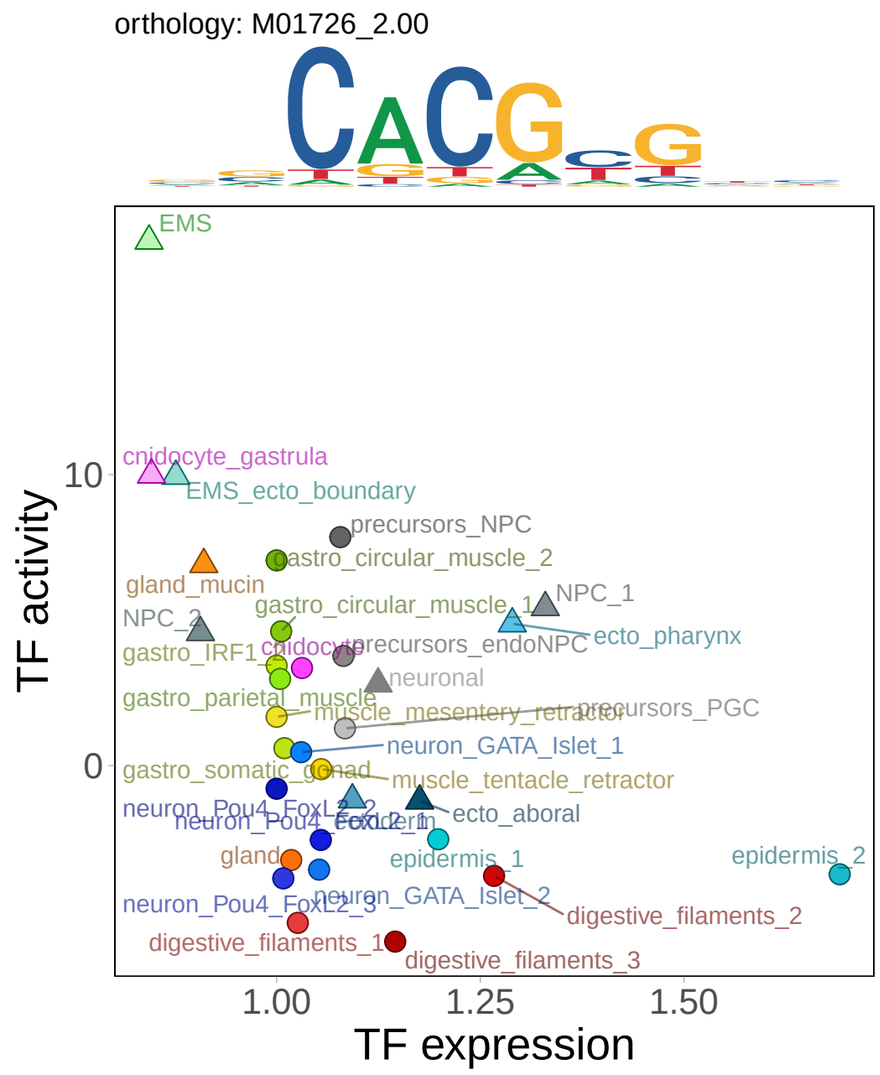


Nvec_vc1.1_XM_001635190.3
OG: zf−C2H2.HG1.30:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

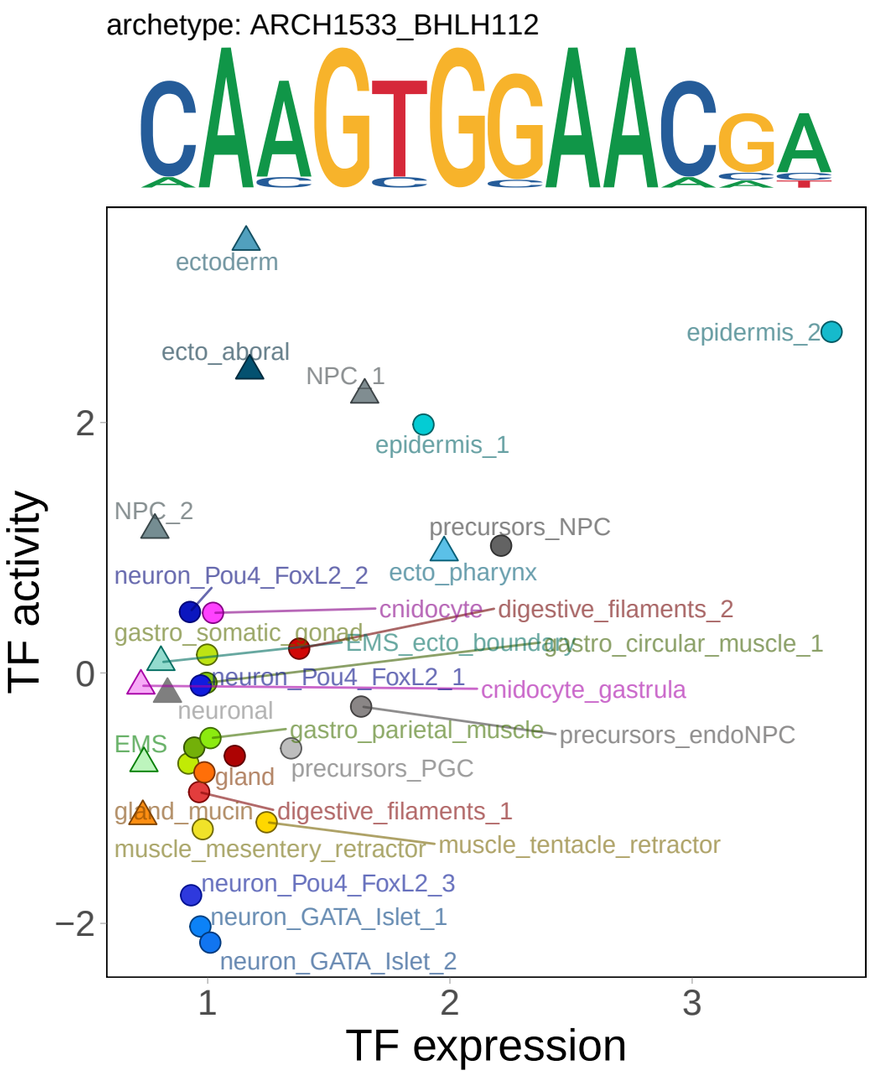


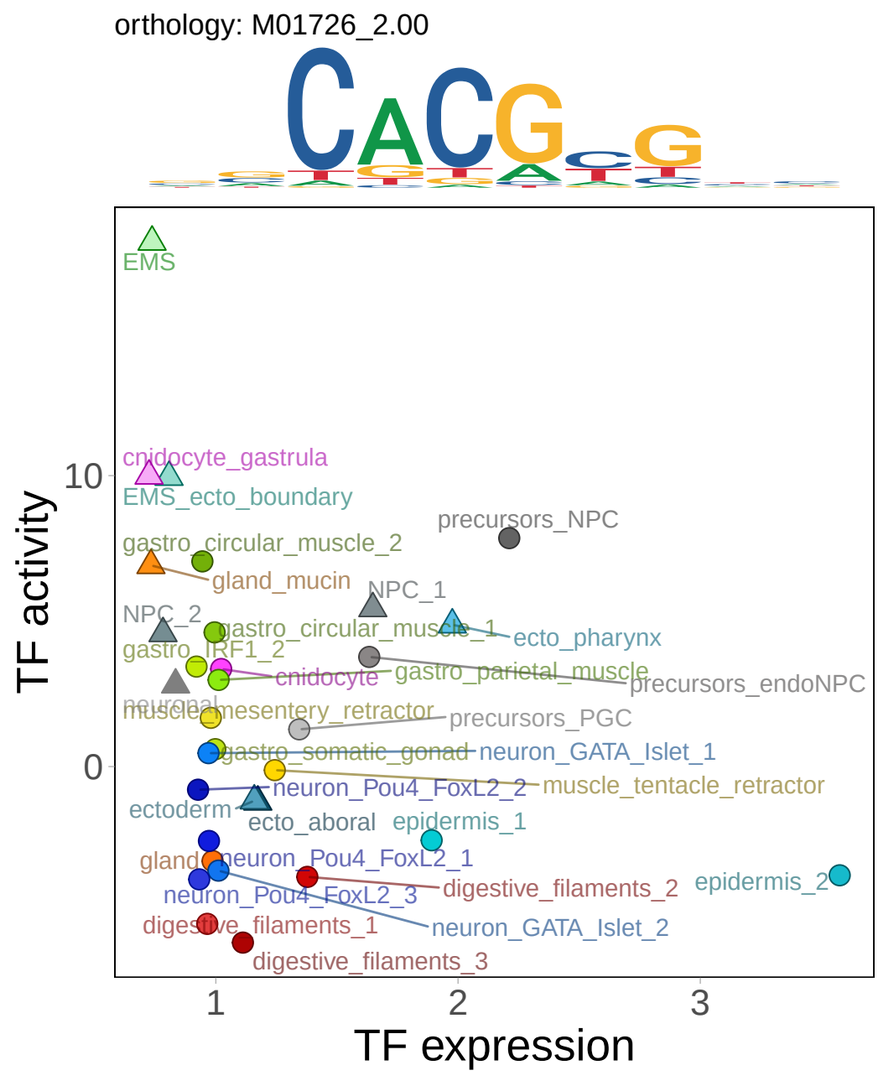
Nvec_vc1.1_XM_001635275.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH



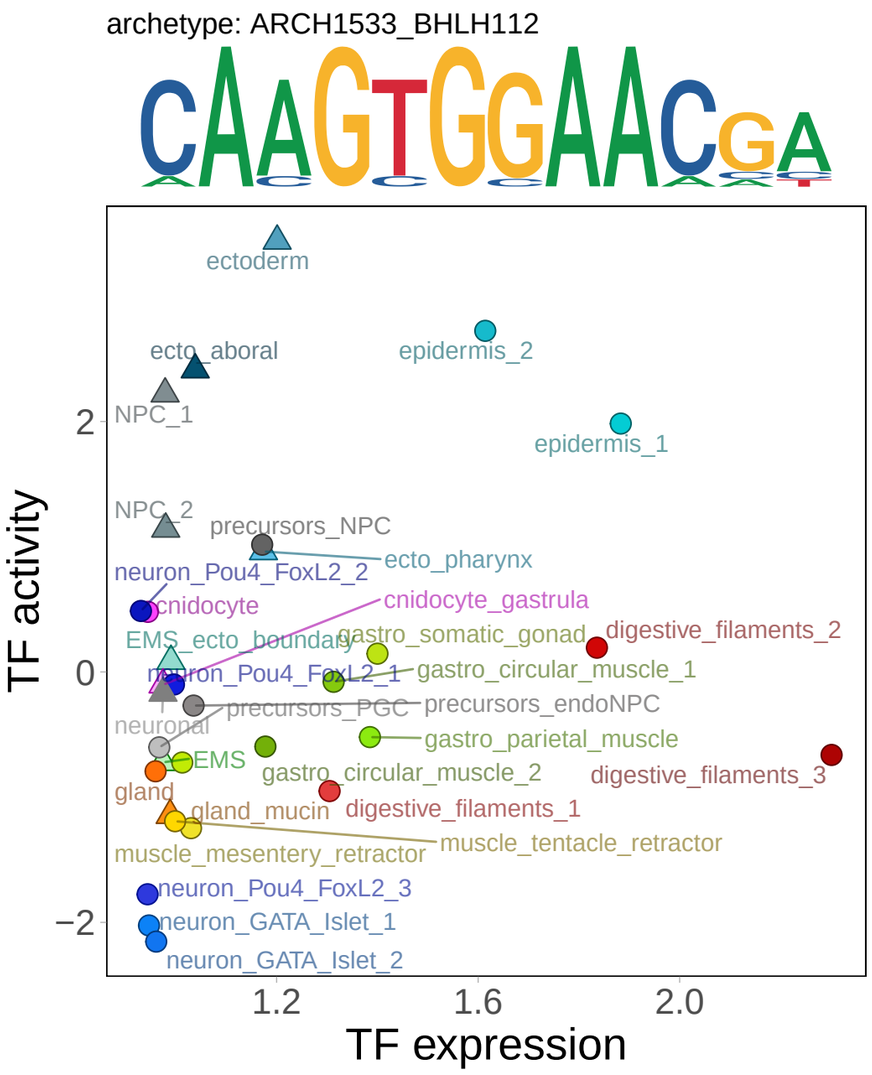


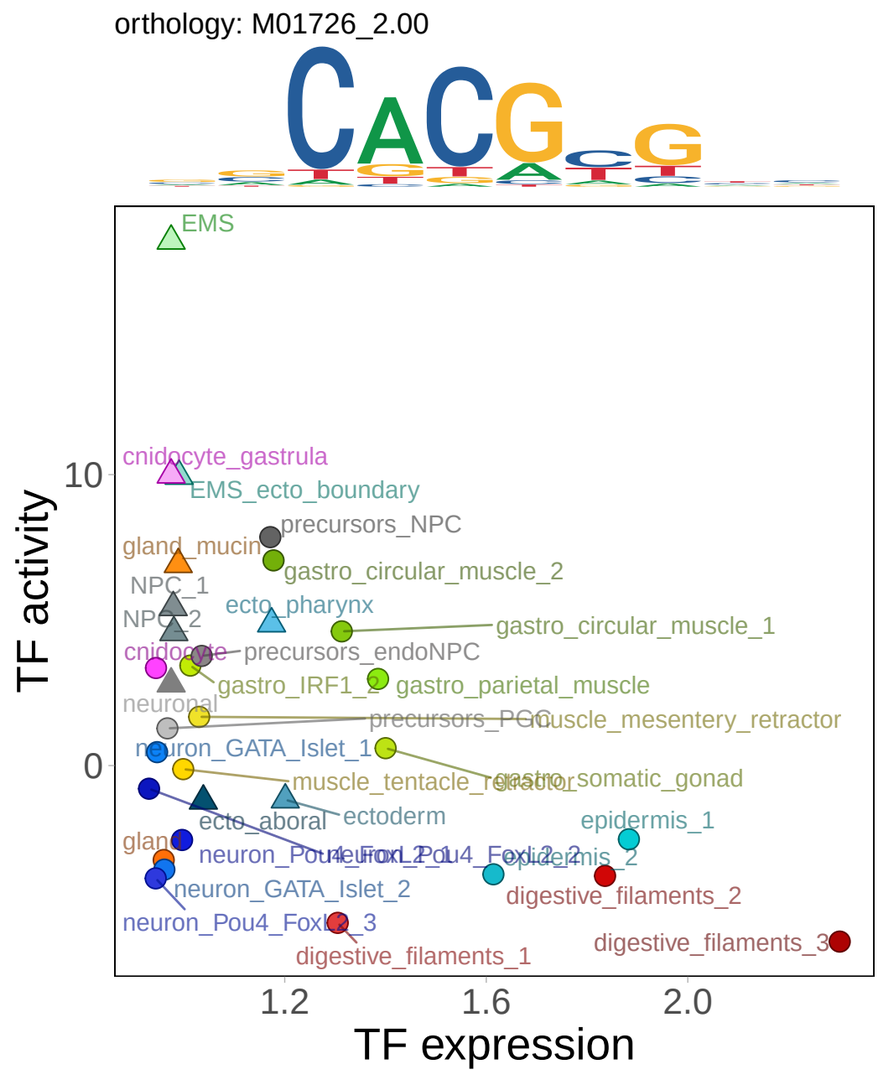
Nvec_vc1.1_XM_001635276.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH



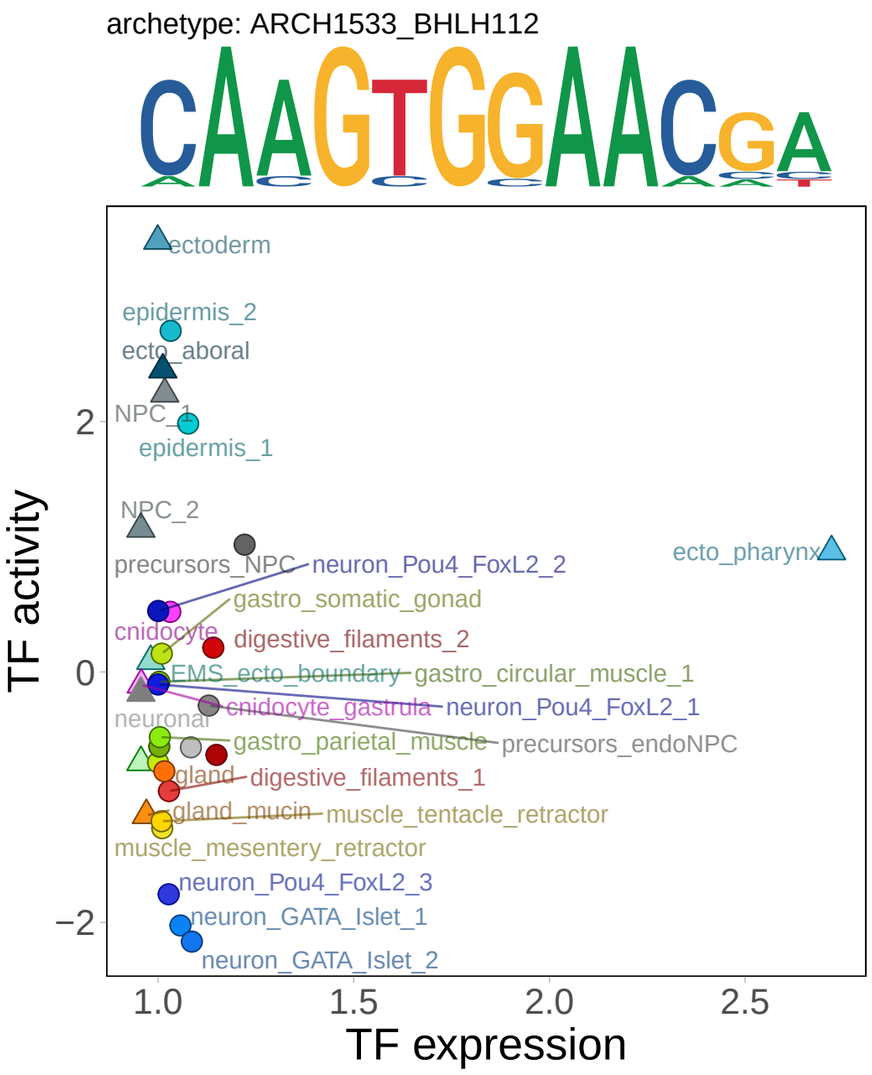


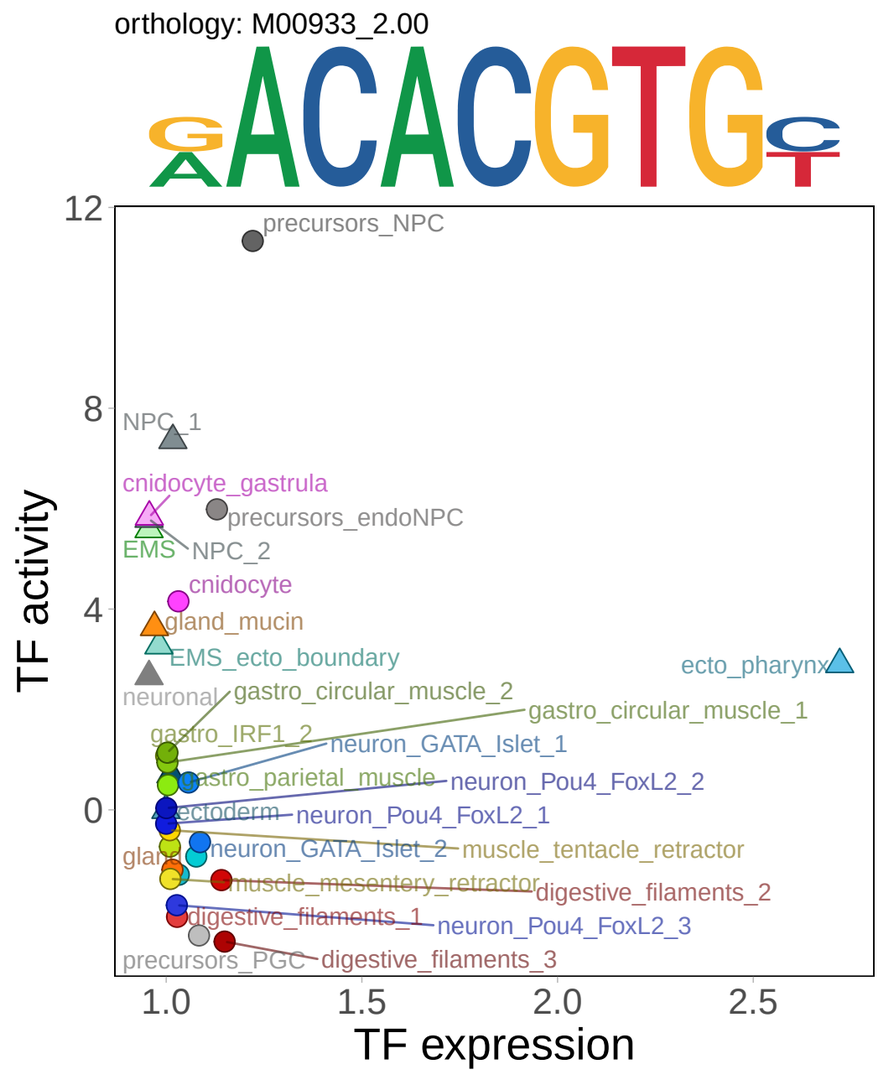
Nvec_vc1.1_XM_001635277.3
OG: HLH.HG1.62:like:HES5/HES7
PFAM: HLH/Hairy_orange



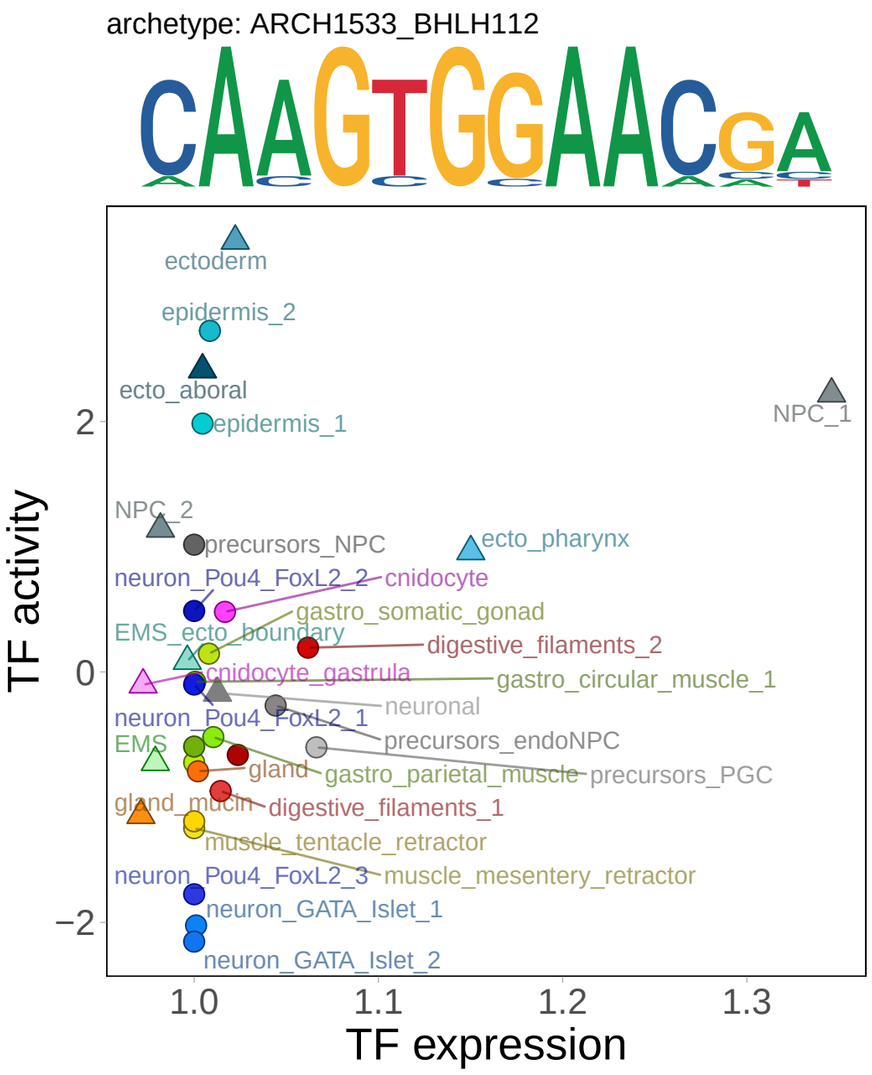


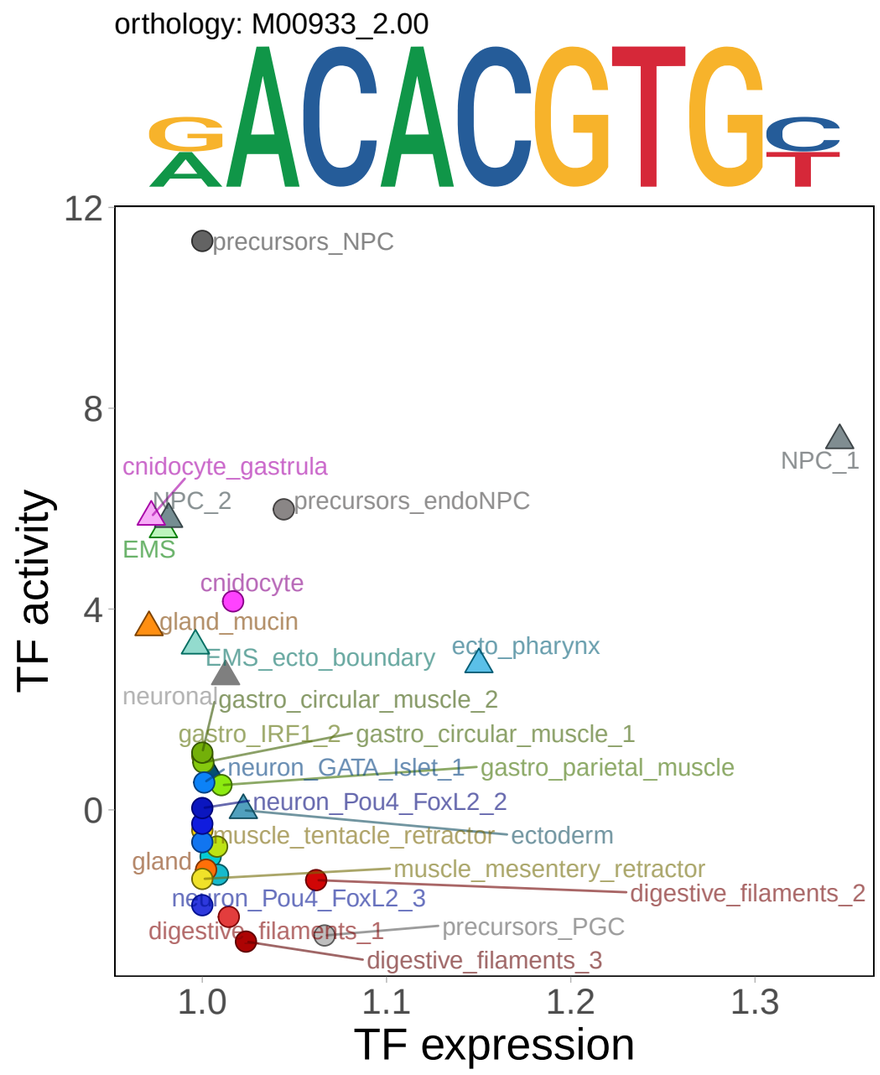
Nvec_vc1.1_XM_001635315.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH



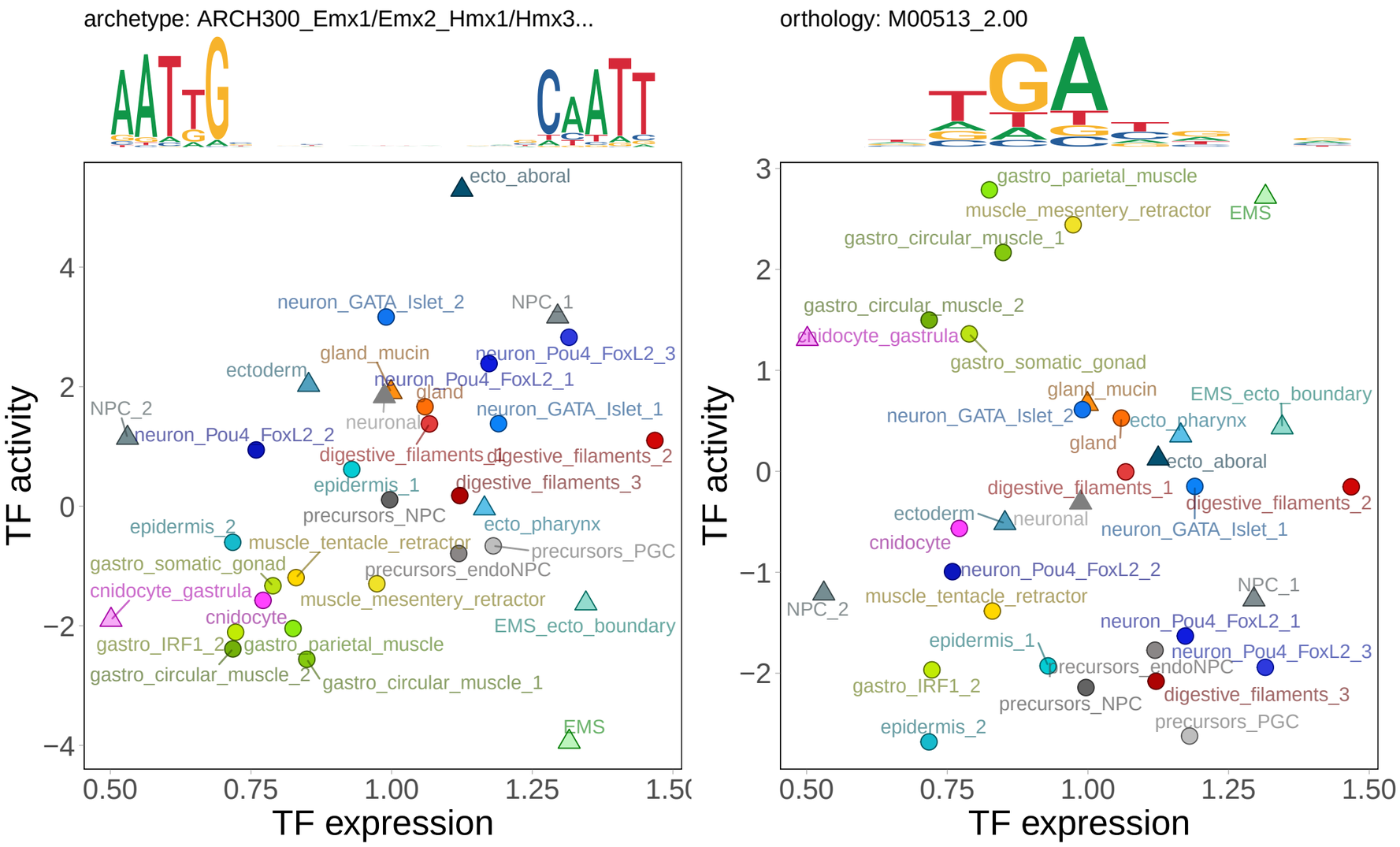


Nvec_vc1.1_XM_001635316.3
OG: HLH.HG1.53:HES5/HES7
PFAM: HLH

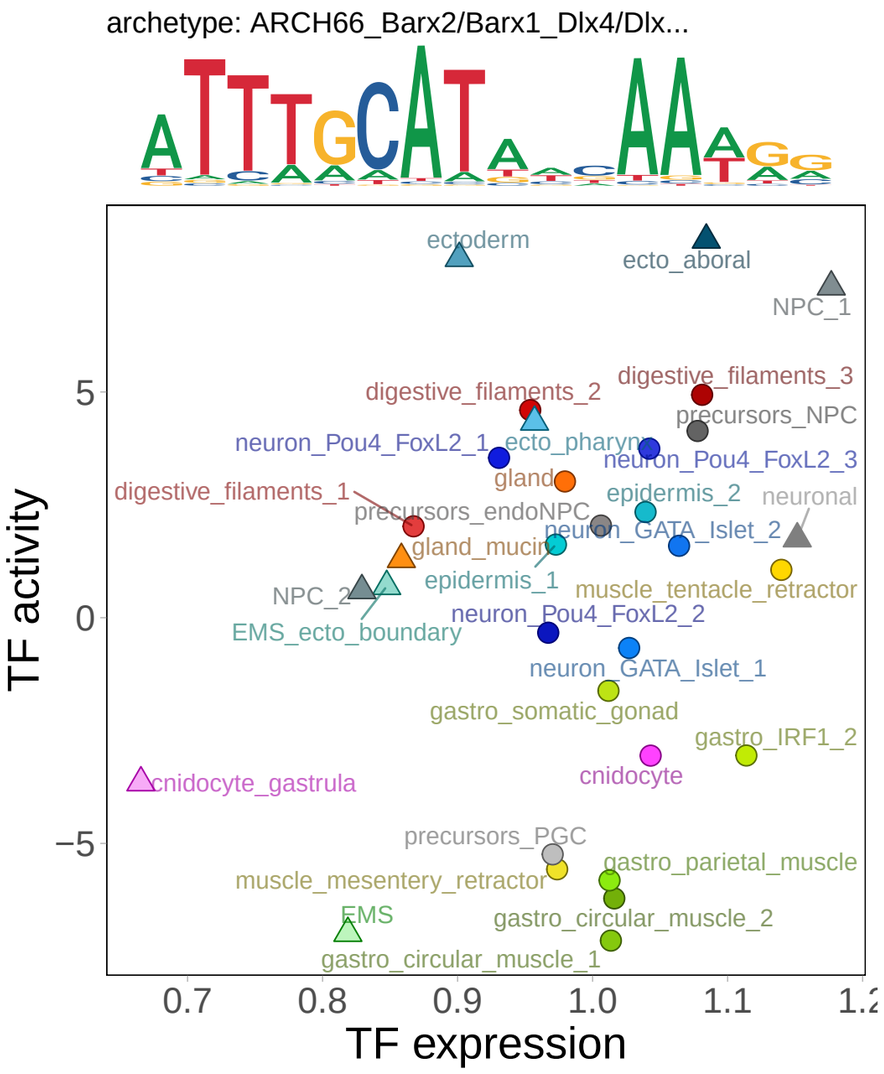


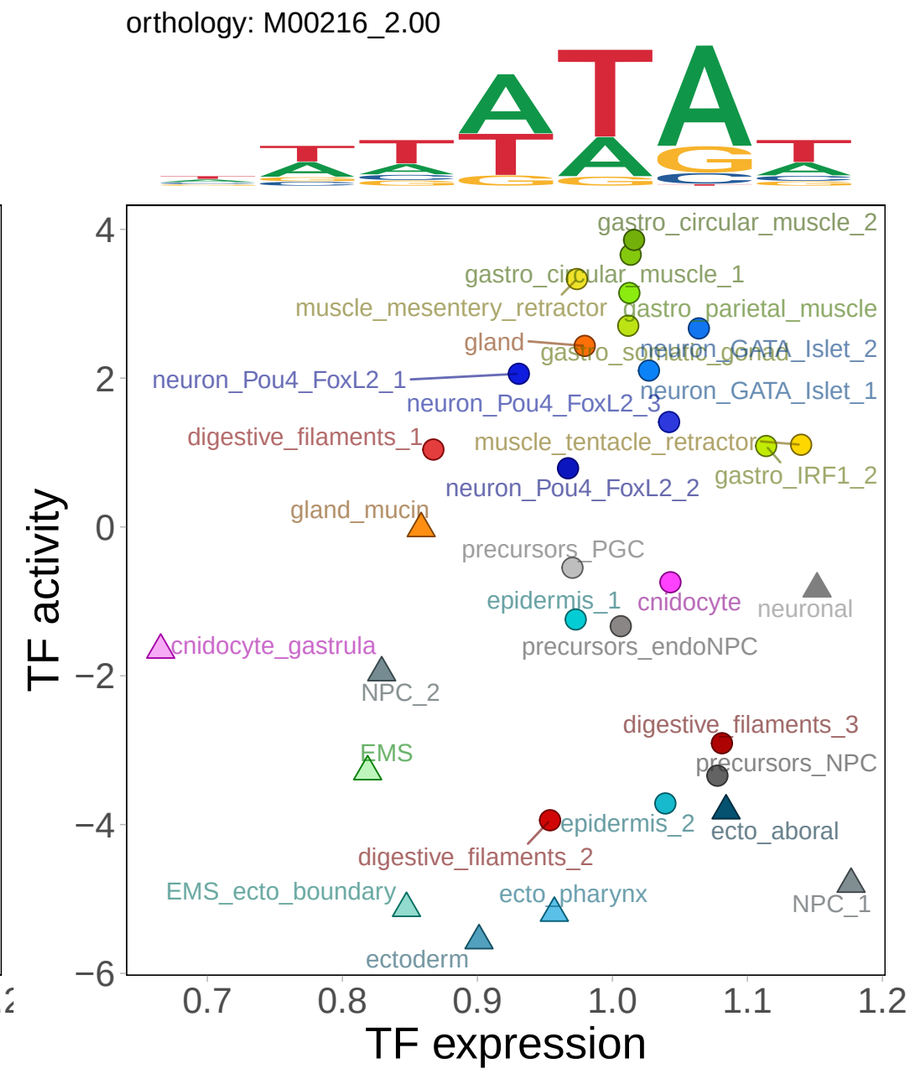


Nvec_vc1.1_XM_001635374.3
OG: Homeodomains.HG3.7:PBX1/PBX2/PBX3/PBX4
PFAM: PBC/Homeodomain

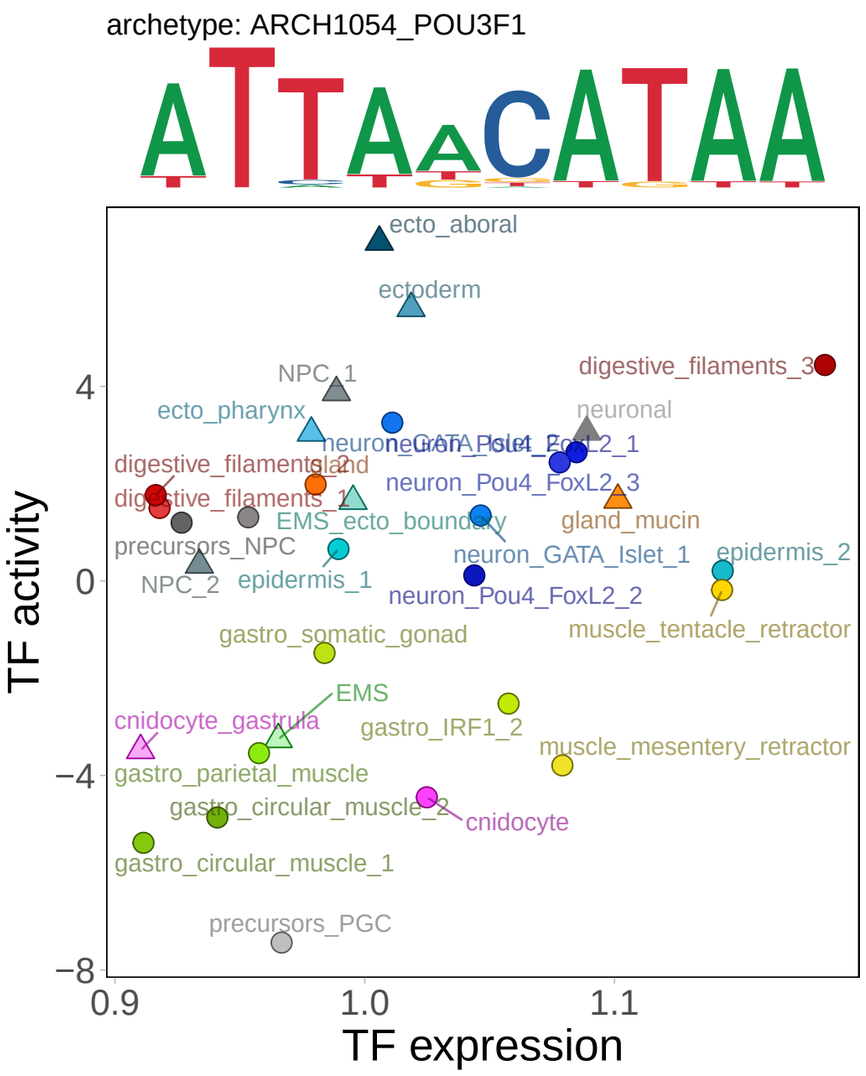


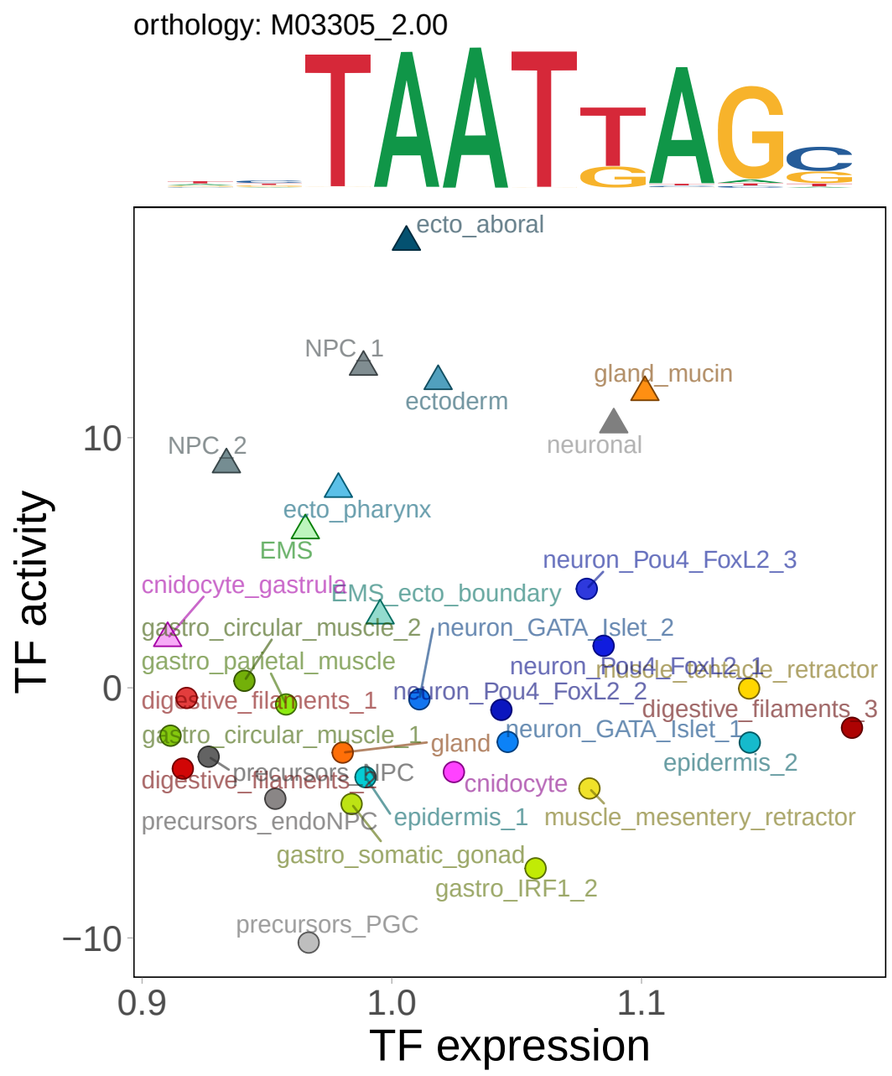
Nvec_vc1.1_XM_001636116.3
OG: TBP.HG1.3:TBP/TBPL2
PFAM: TBP/TBP



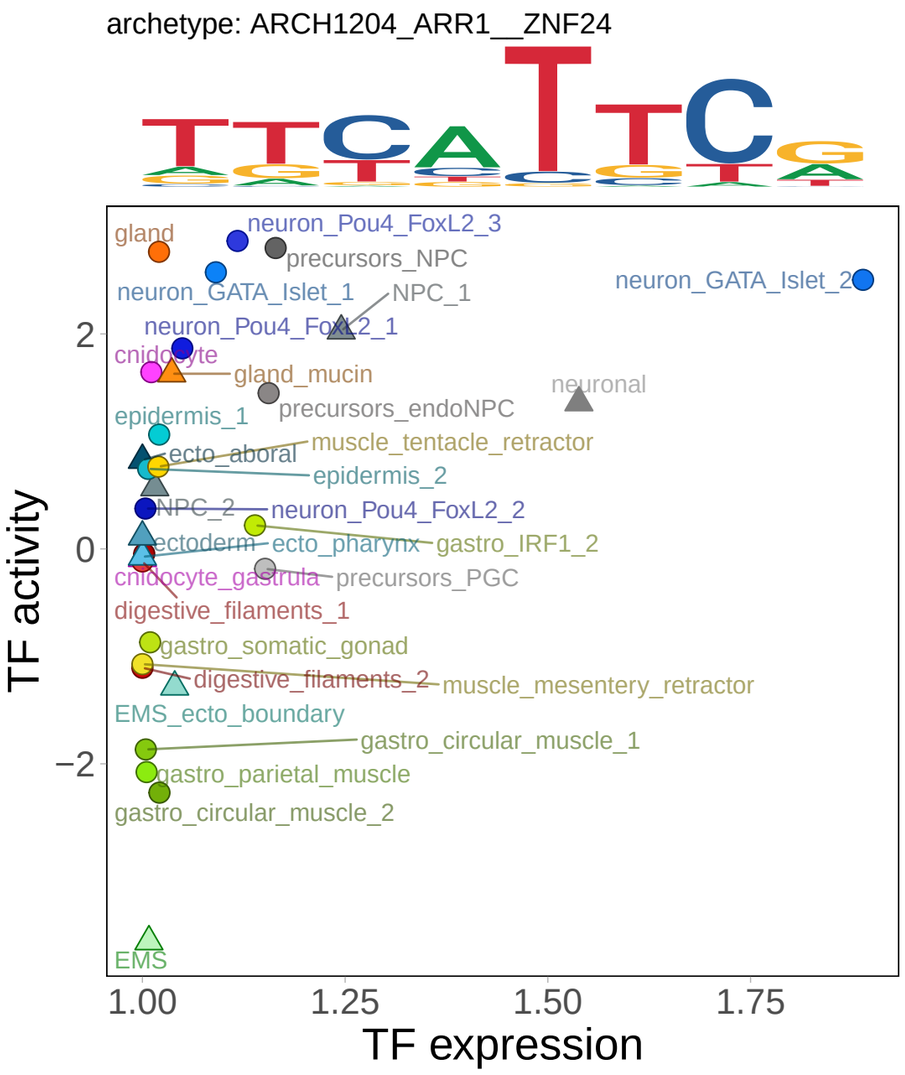


Nvec_vc1.1_XM_001636163.3
OG: Homeodomains.HG4.4:POU6F1/POU6F2
PFAM: DFP/DFP/Pou/Homeodomain

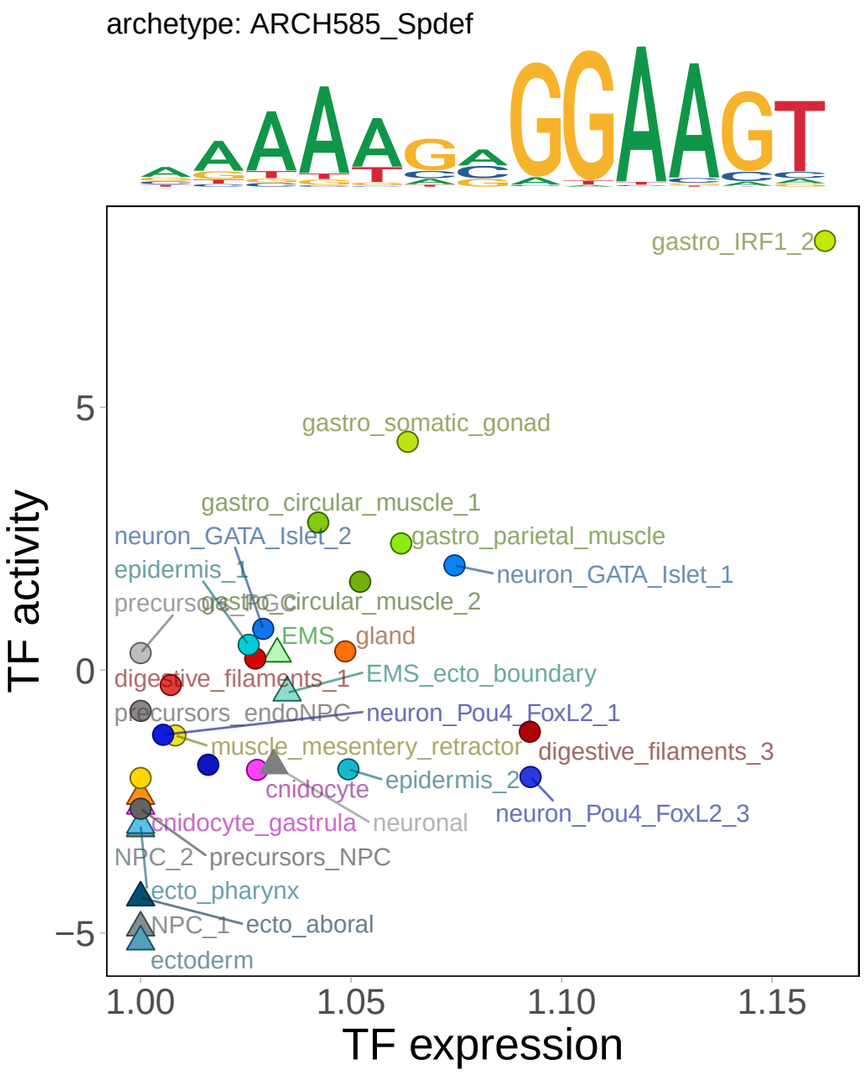


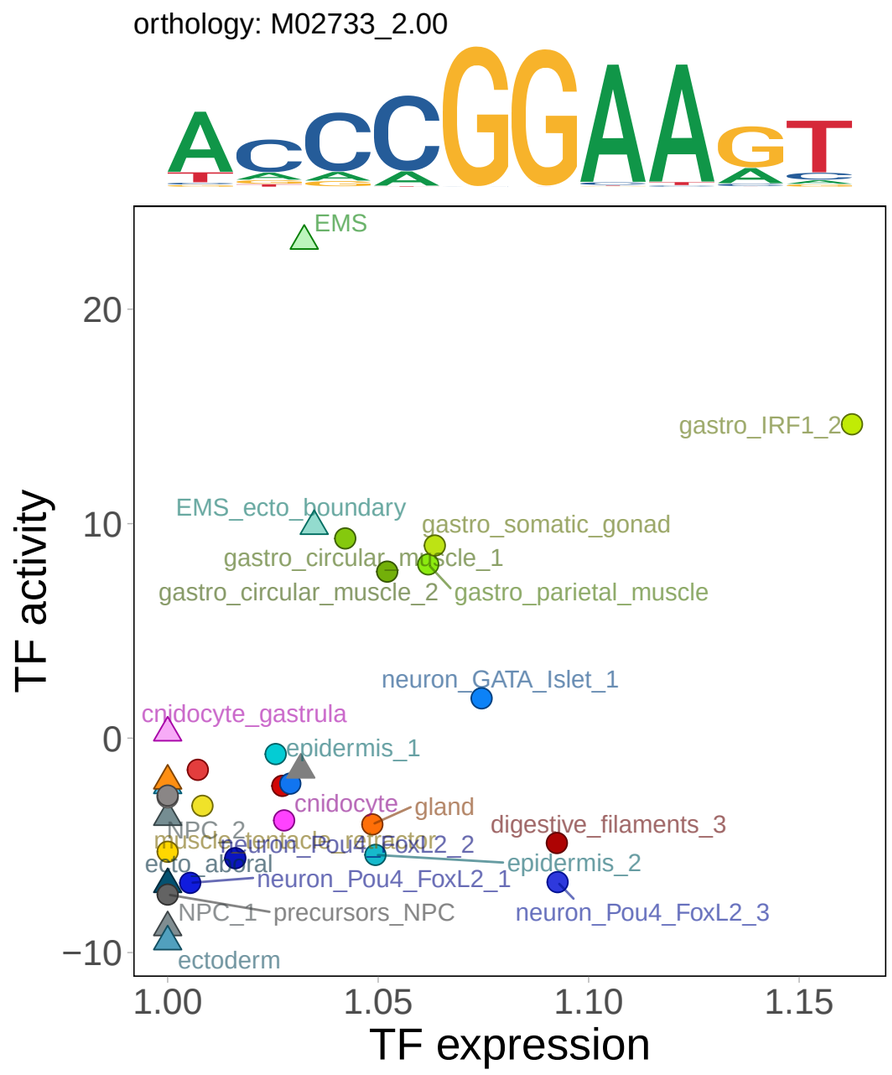


Nvec_vc1.1_XM_001636315.3
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

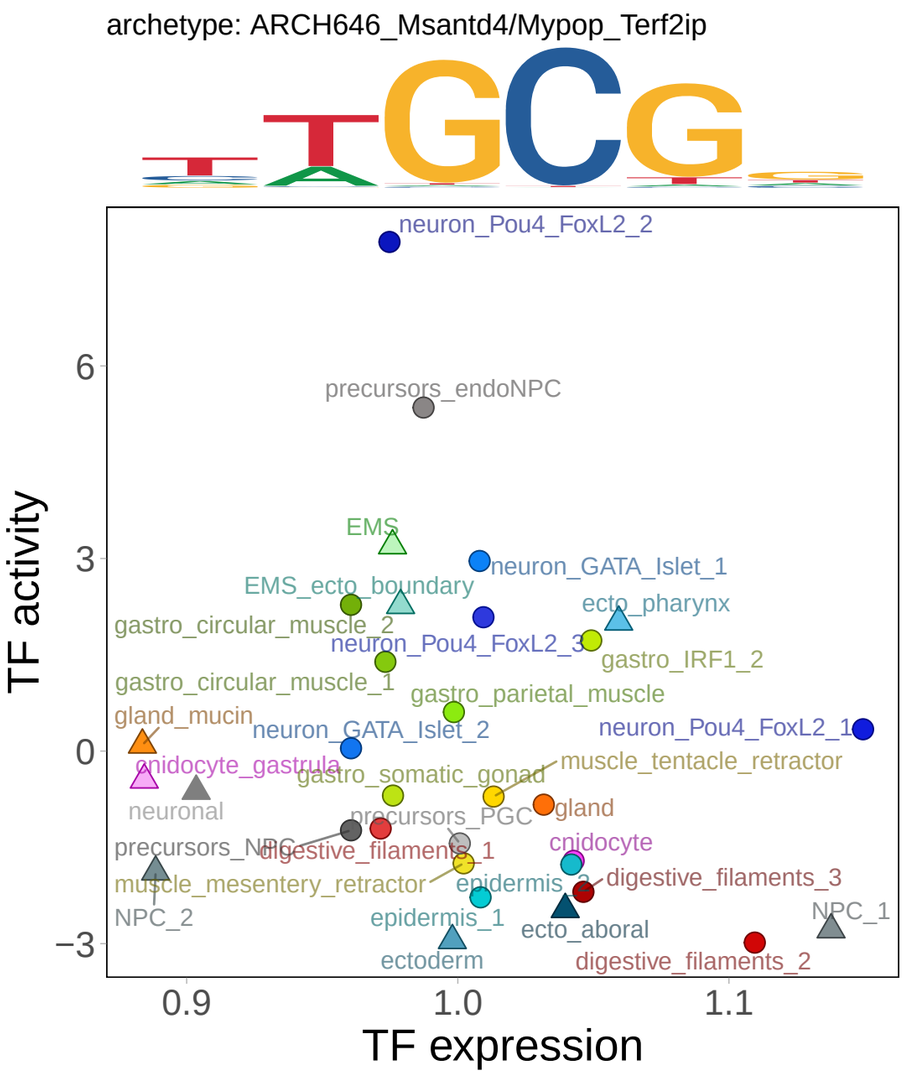


Nvec_vc1.1_XM_001636352.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets

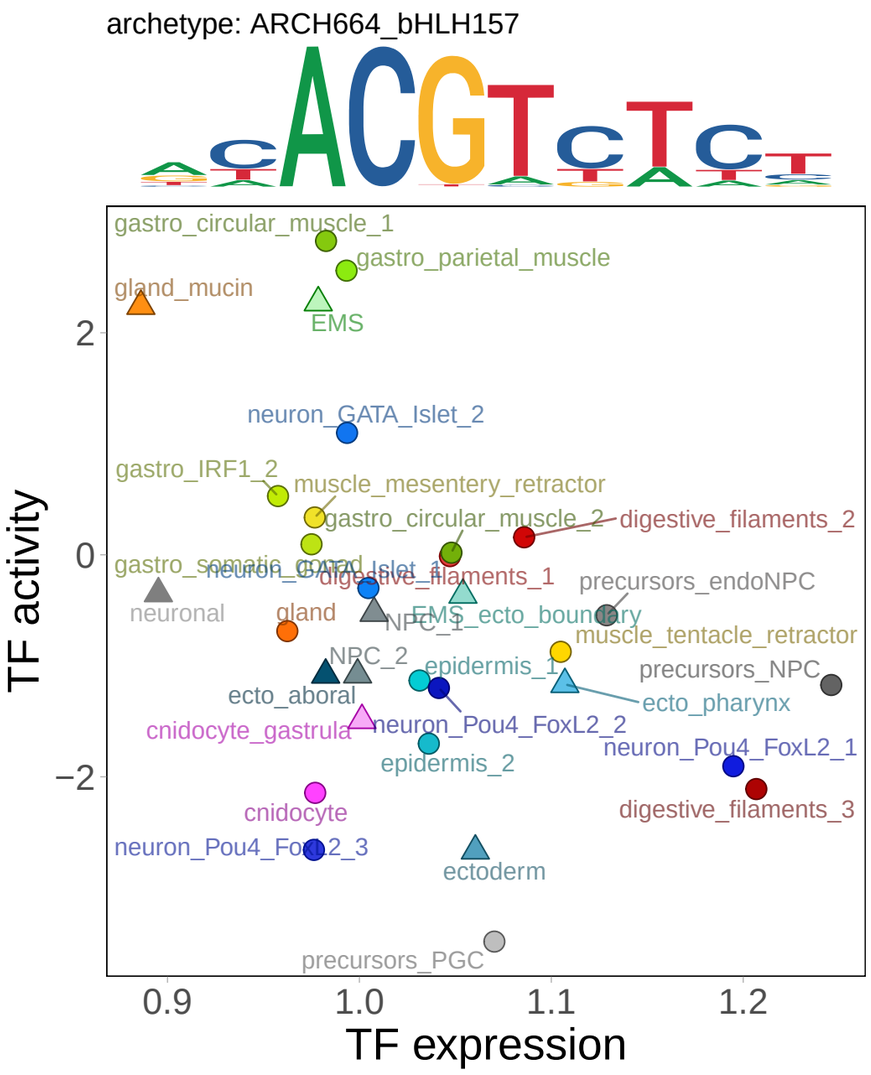


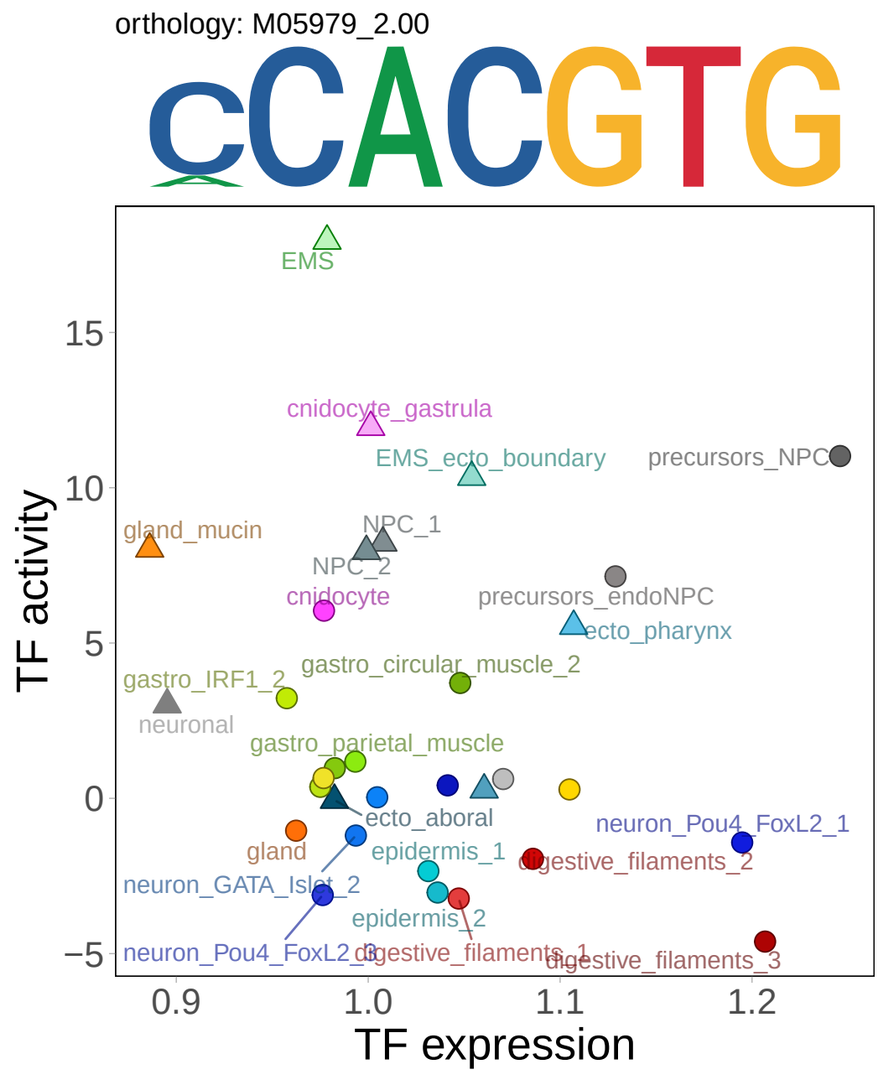


Nvec_vc1.1_XM_001636464.3
OG: Myb.HG7.0:TERF2IP
PFAM: BRCT_2/Myb_DNA−bind_2

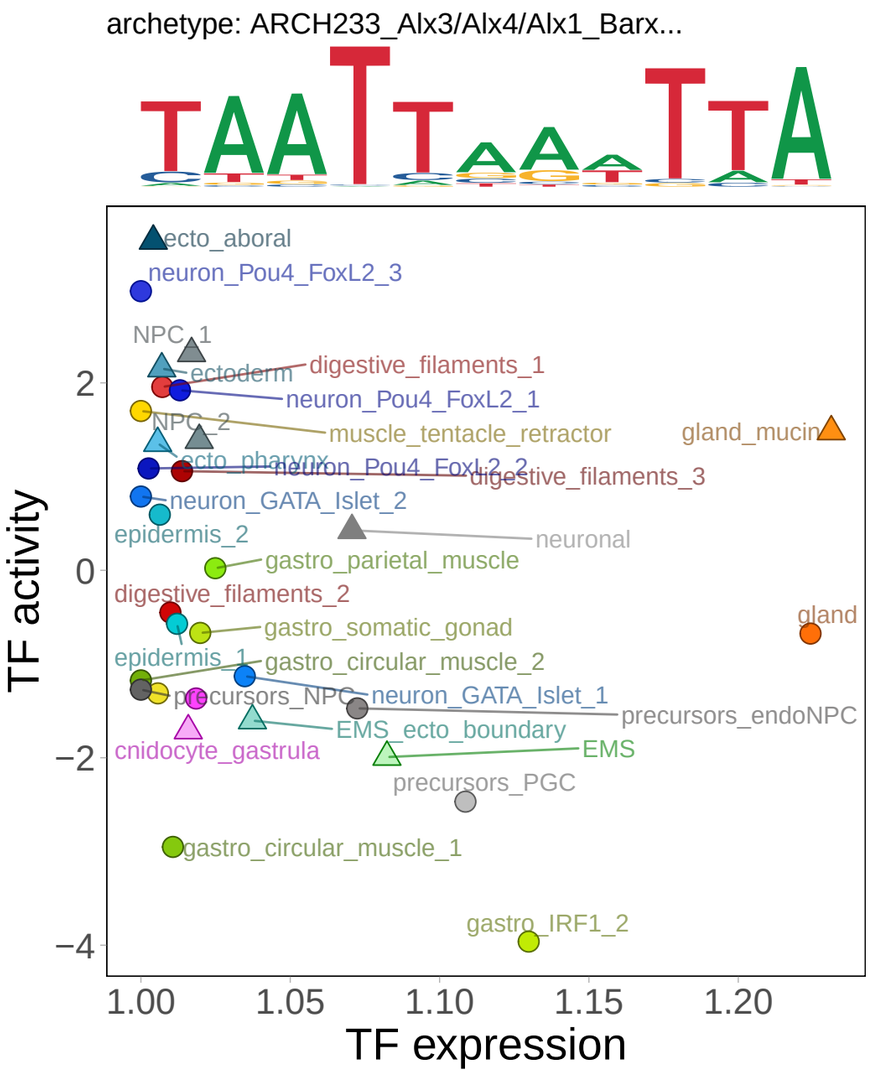


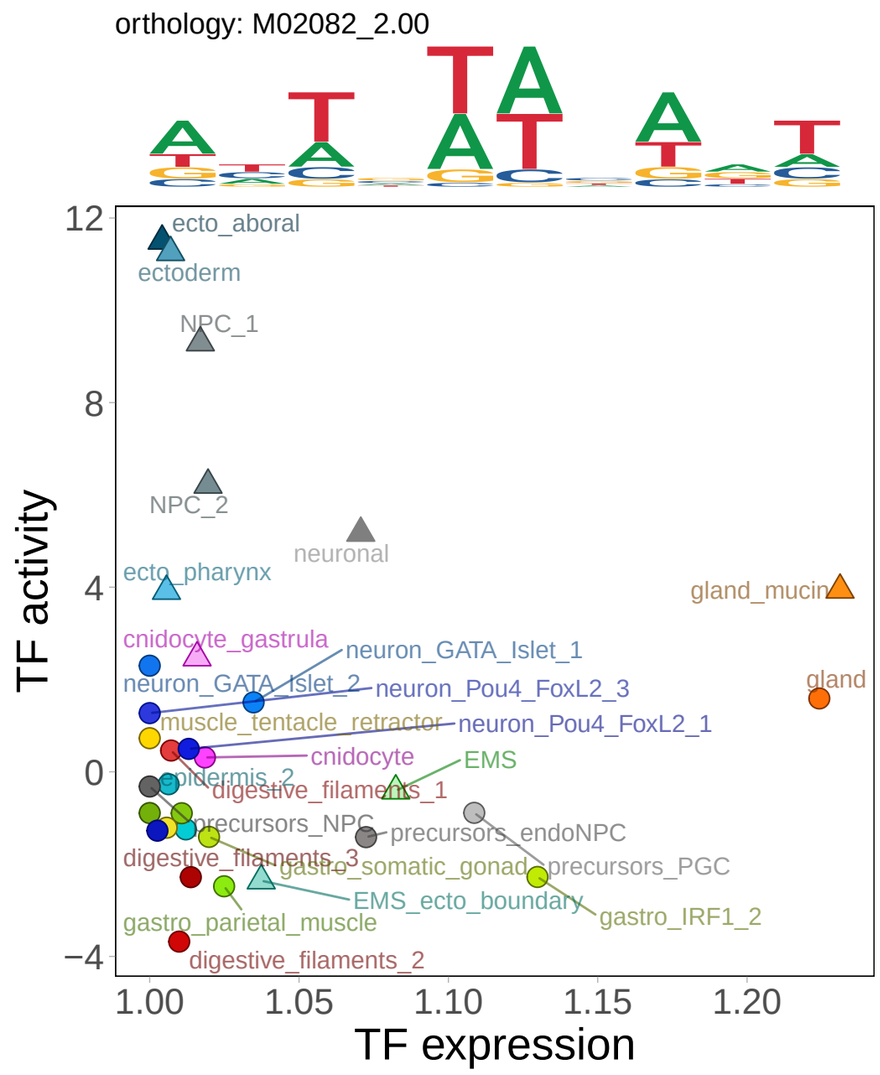
Nvec_vc1.1_XM_001636622.3
OG: HLH.HG1.37:MNT
PFAM: HLH



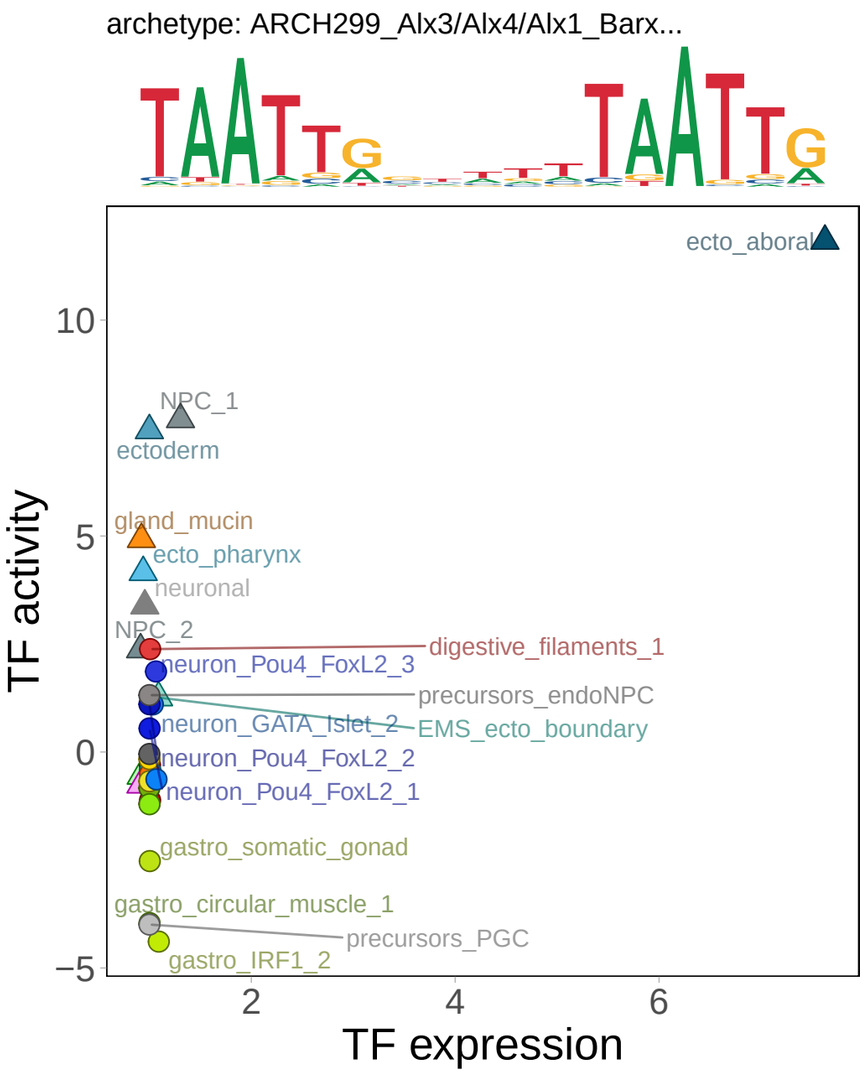


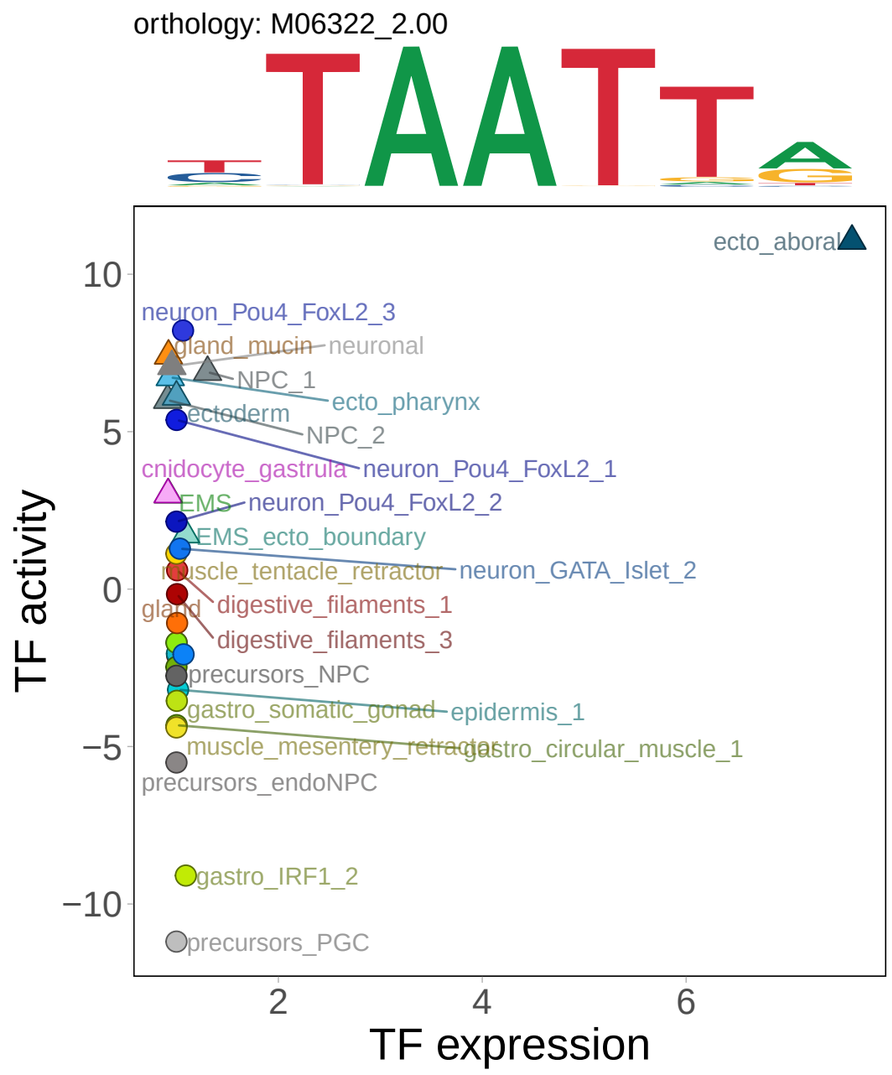
Nvec_vc1.1_XM_001636859.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain/OAR



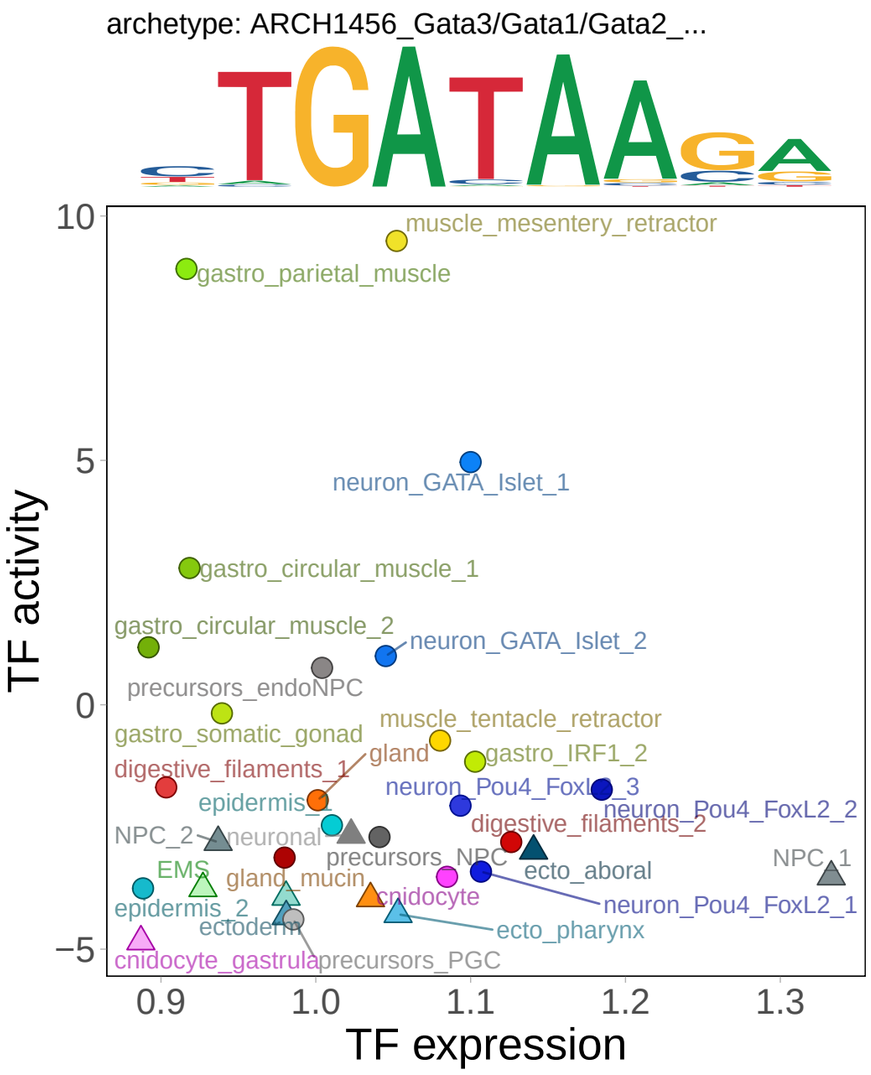


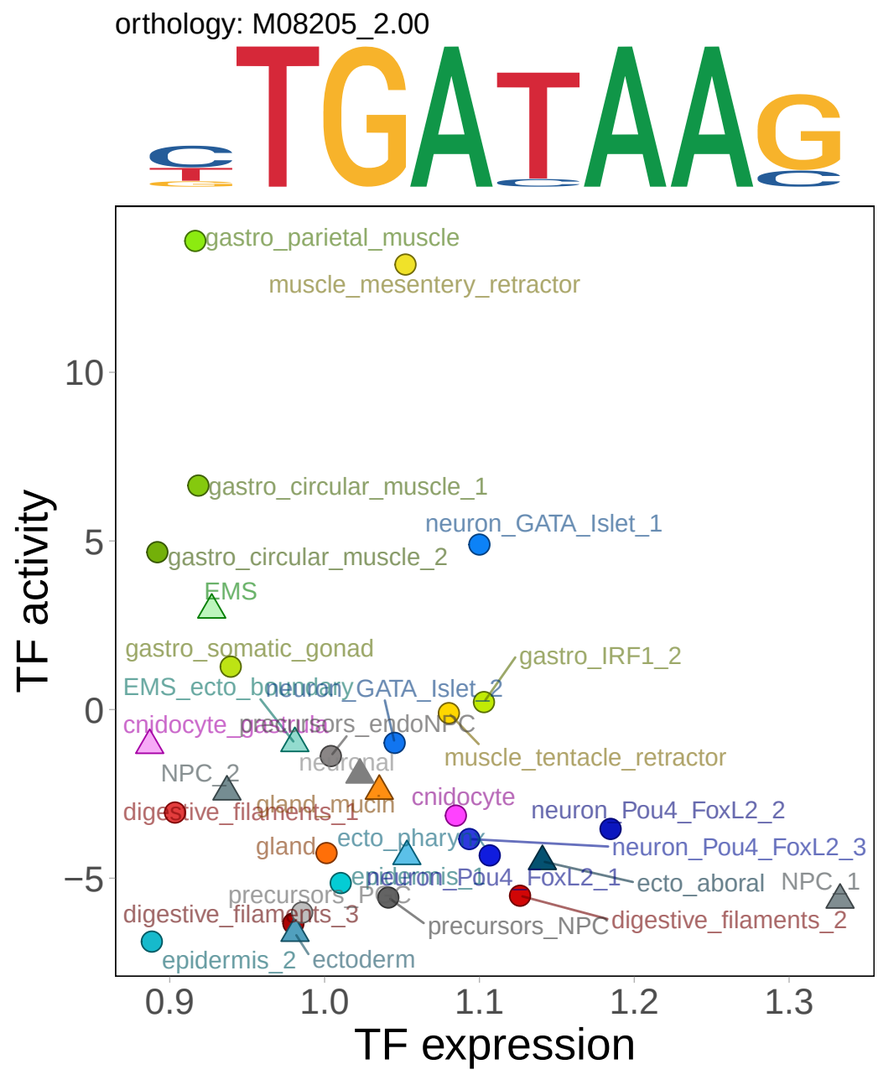
Nvec_vc1.1_XM_001636862.3
OG: Homeodomains.HG2.33:like:PAX1/PAX9
PFAM: Homeodomain



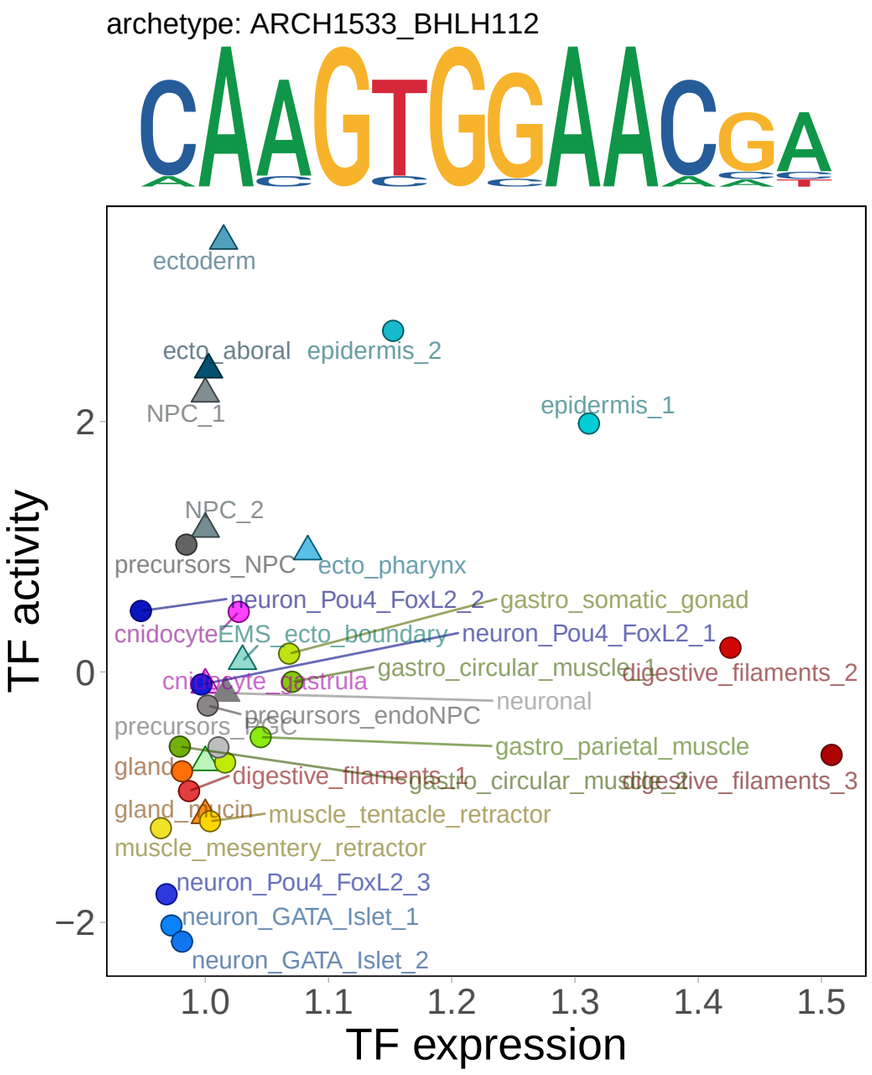


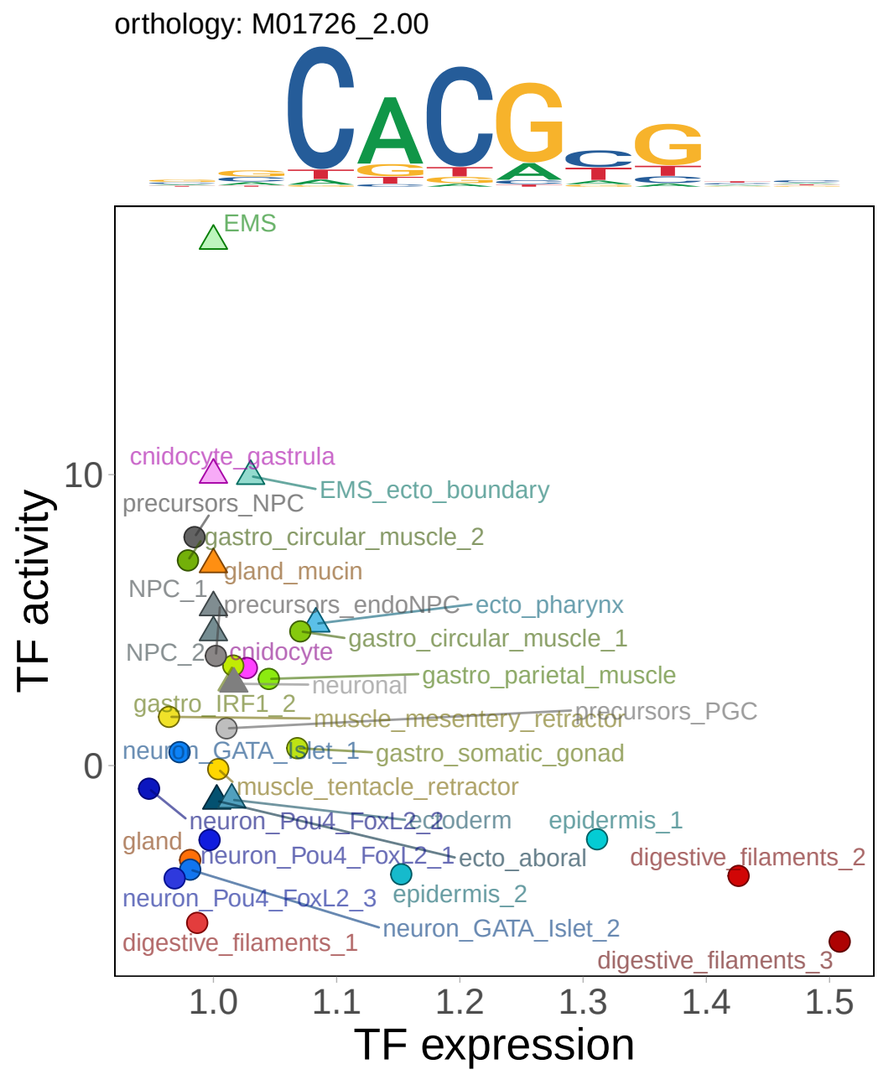
Nvec_vc1.1_XM_001636971.3
OG: GATA.HG2.1:RERE
PFAM: BAH/ELM2/GATA



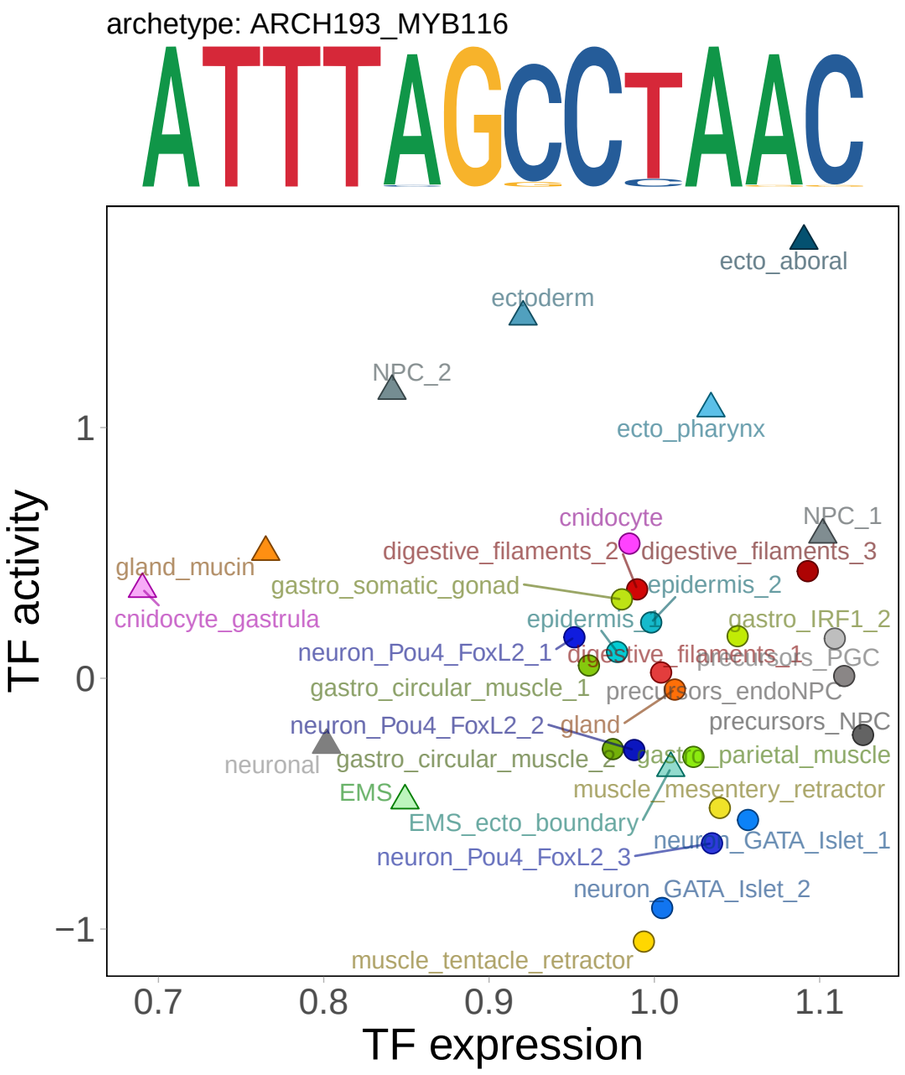


Nvec_vc1.1_XM_001637044.3
OG: HLH.HG1.54:like:HES5/HES7
PFAM: HLH/Hairy_orange

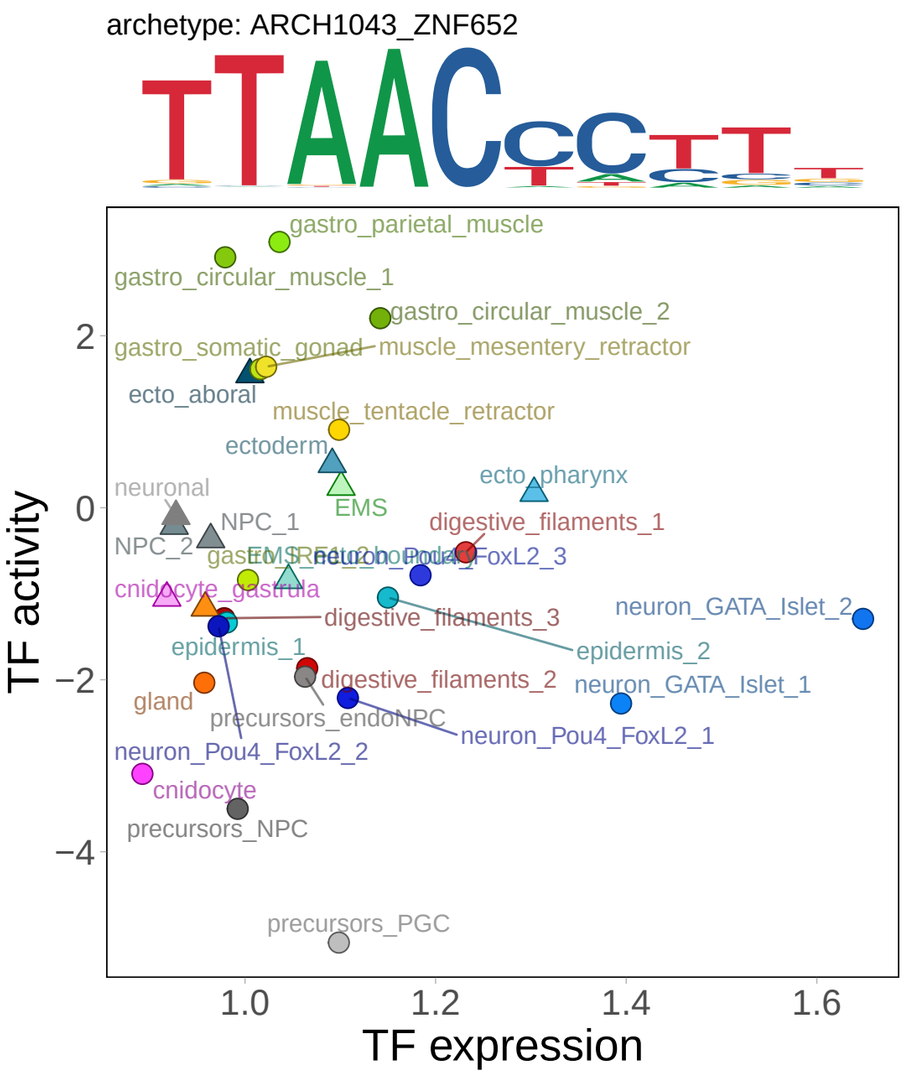




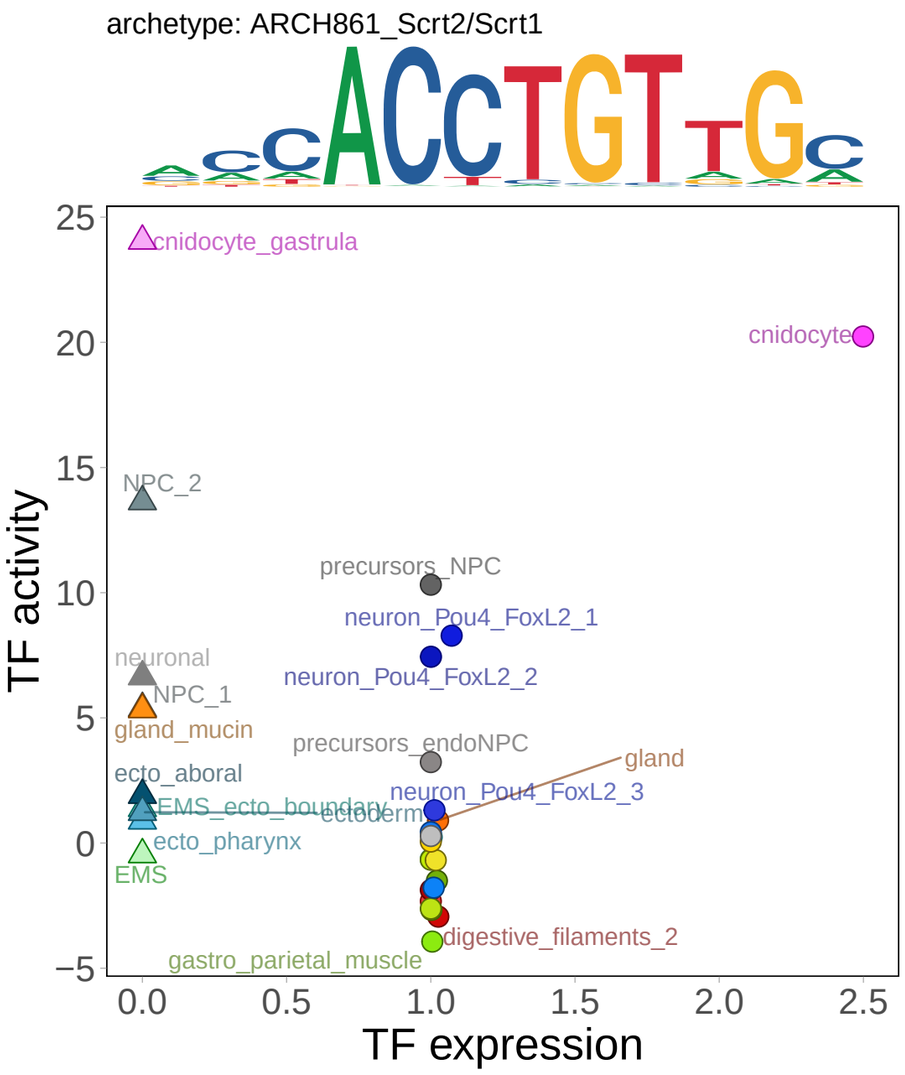
Nvec_vc1.1_XM_001637155.3
OG: Myb.HG5.0:DMAP1
PFAM: SANT_DAMP1_like/DMAP1



Nvec_vc1.1_XM_001637190.3
OG: zf−C2H2.HG4.11:GLIS1/GLIS3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

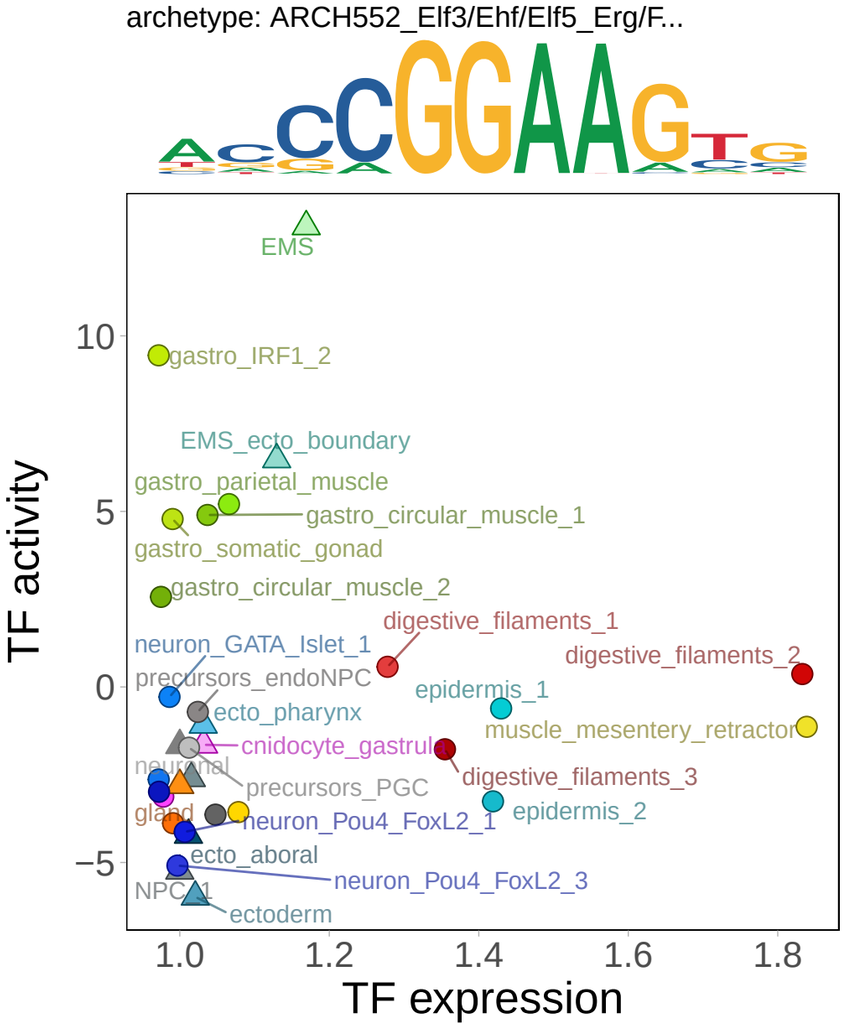


Nvec_vc1.1_XM_001637272.3
OG: zf−C2H2.HG95.1:NA
PFAM: HNF−1_N/zf−C2H2/zf−C2H2/zf−C2H2/zf−H2C2_2

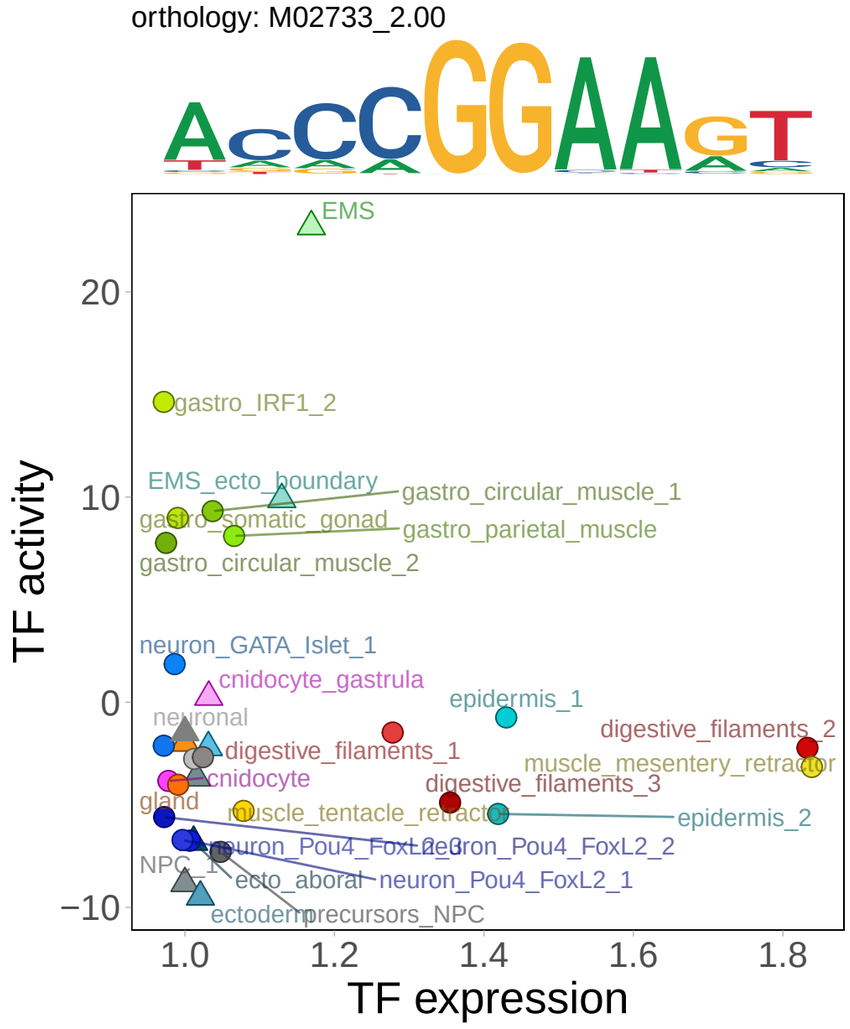


Nvec_vc1.1_XM_001637374.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets

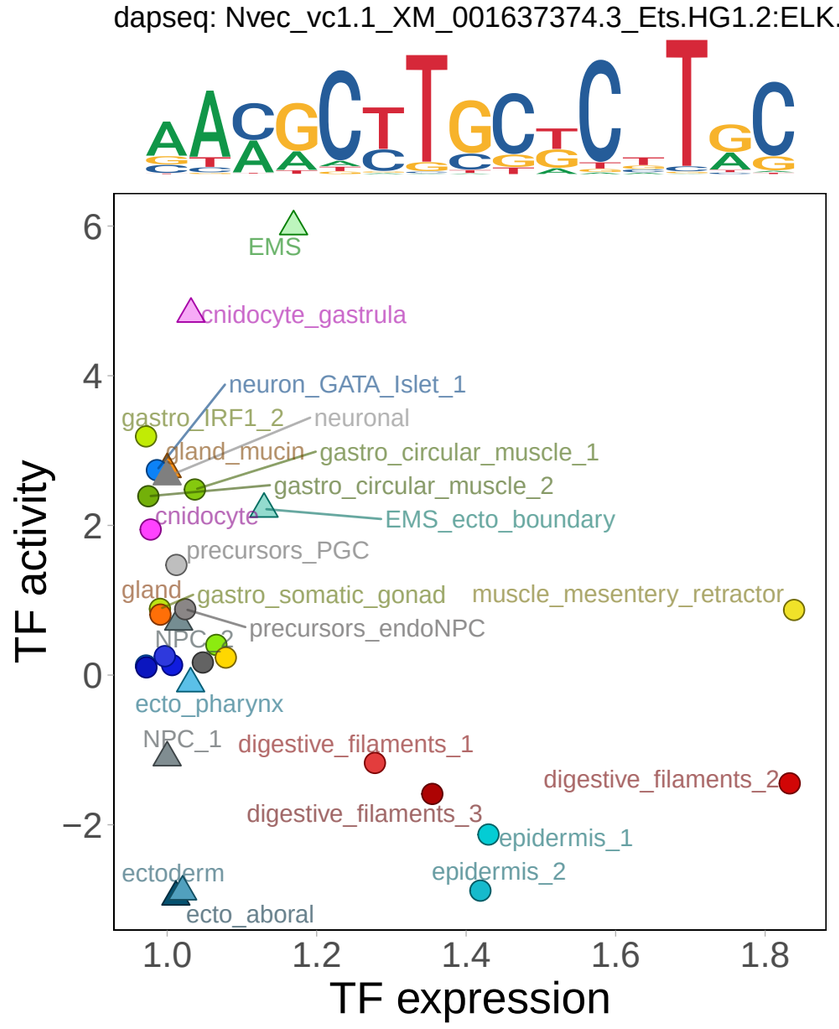
archetype: ARCH552_Elf3/Ehf/Elf5_Erg/F...



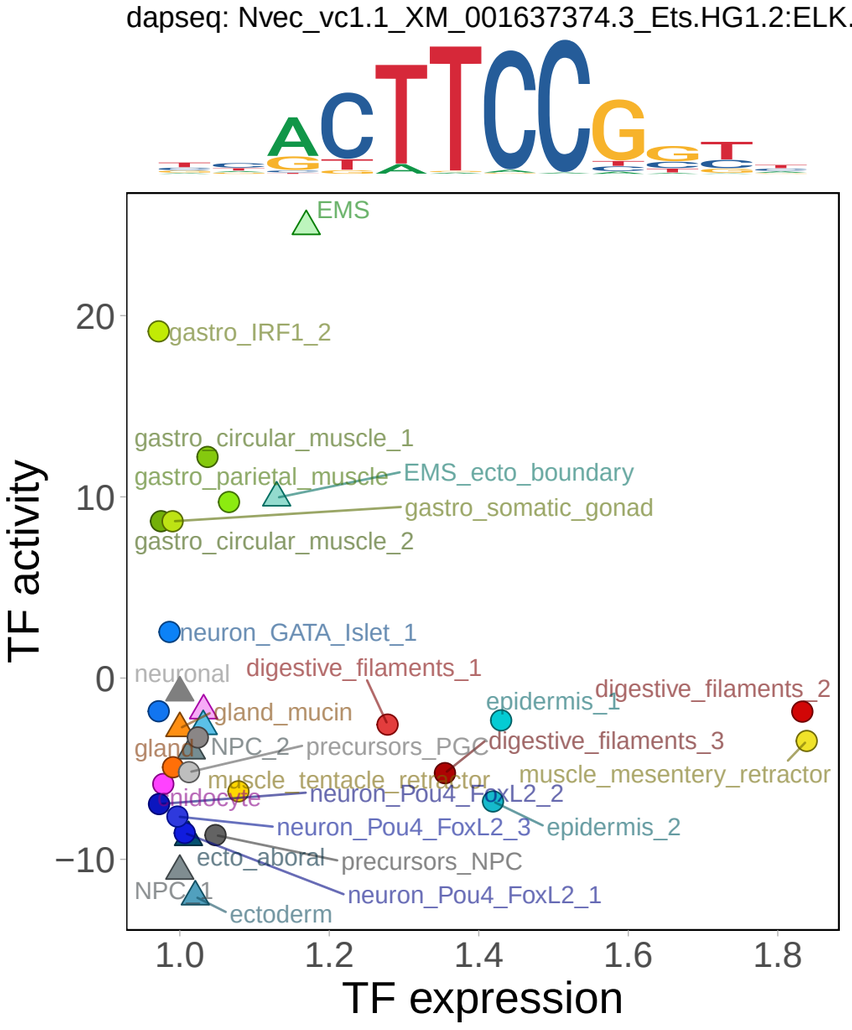
orthology: M02733_2.00



dapseq: Nvec_vc1.1_XM_001637374.3_Ets.HG1.2:ELK...



dapseq: Nvec_vc1.1_XM_001637374.3_Ets.HG1.2:ELK...



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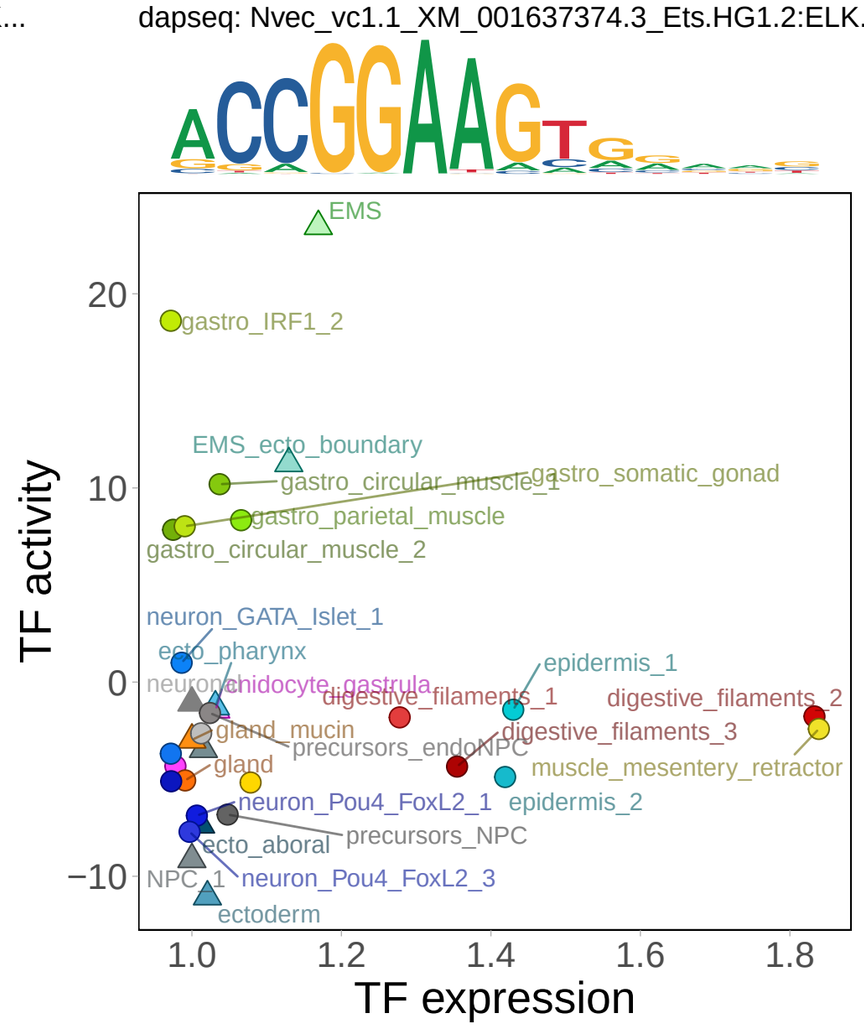
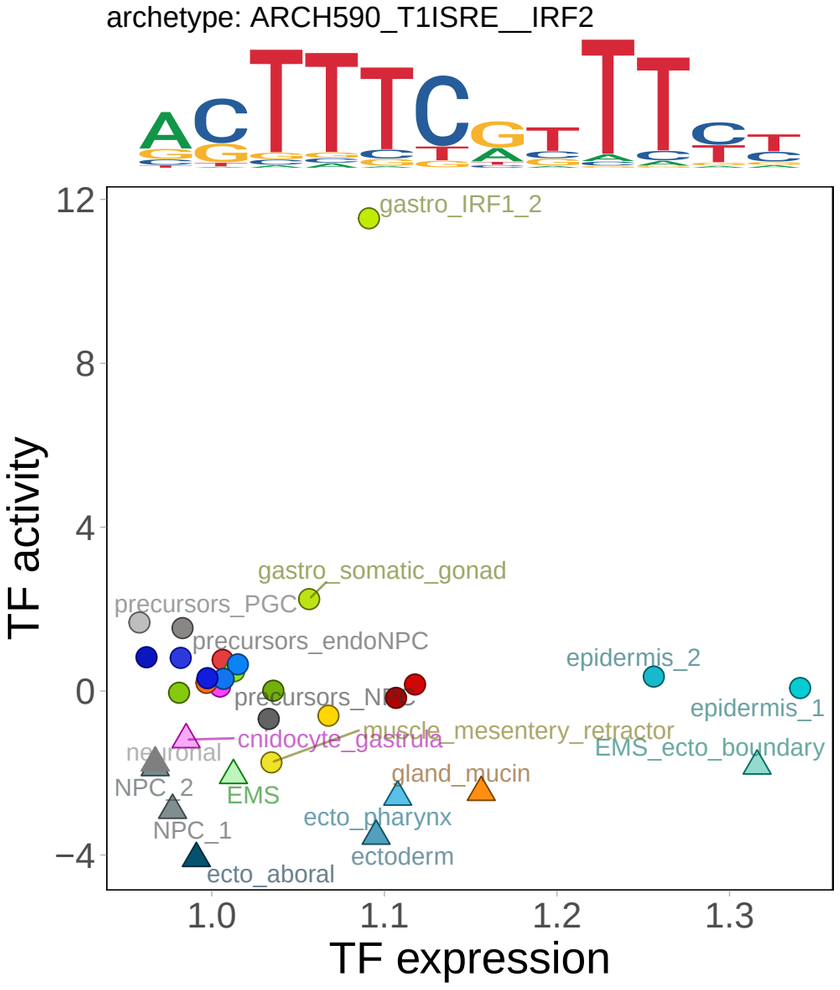
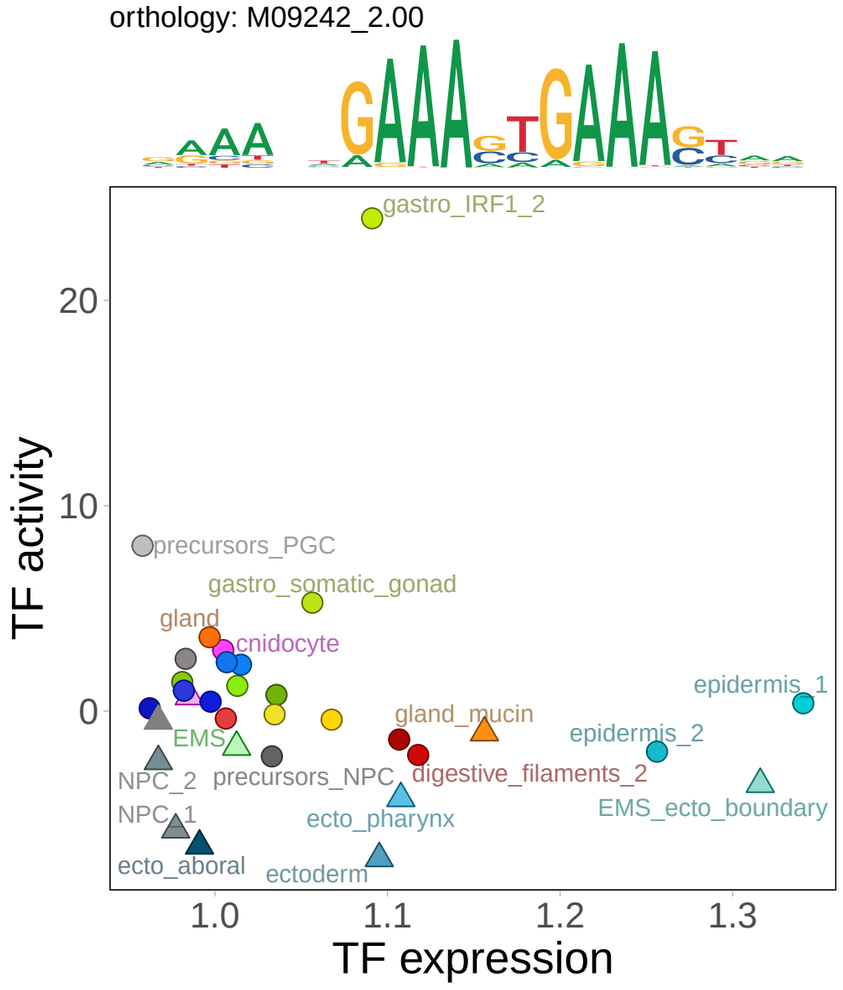


Nvec_vc1.1_XM_001637508.3
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9
PFAM: IRF

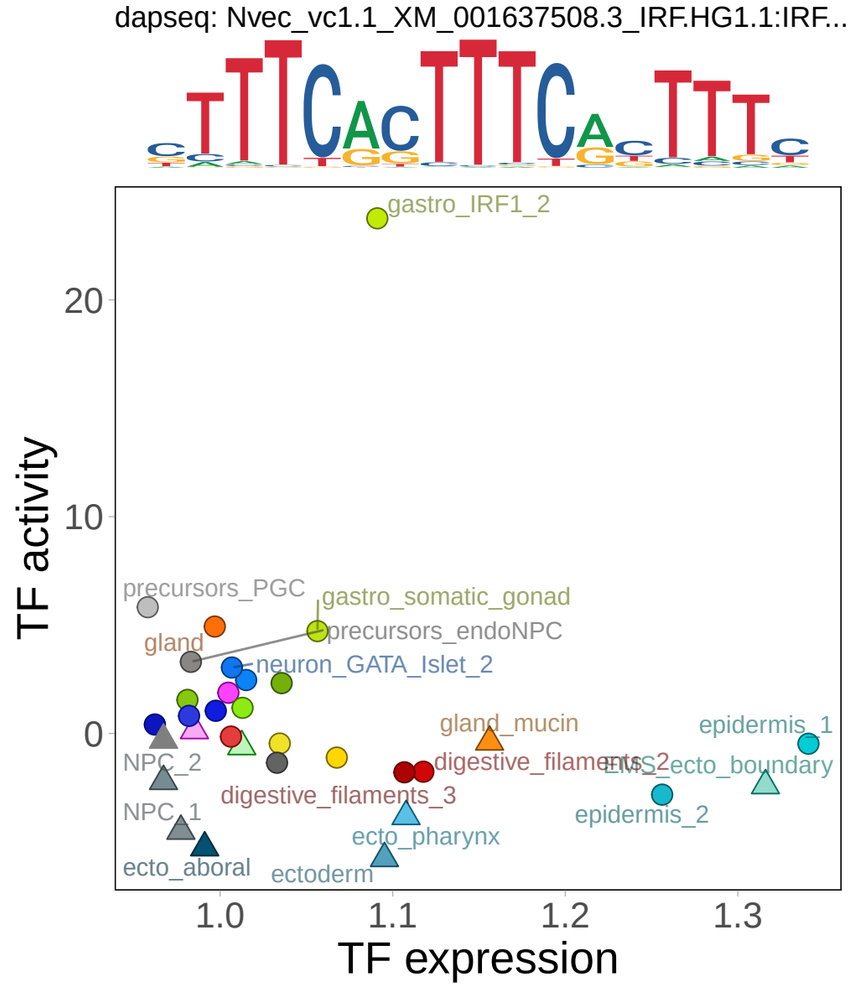
archetype: ARCH590_T1ISRE__IRF2



orthology: M09242_2.00



dapseq: Nvec_vc1.1_XM_001637508.3_IRF.HG1.1:IRF...



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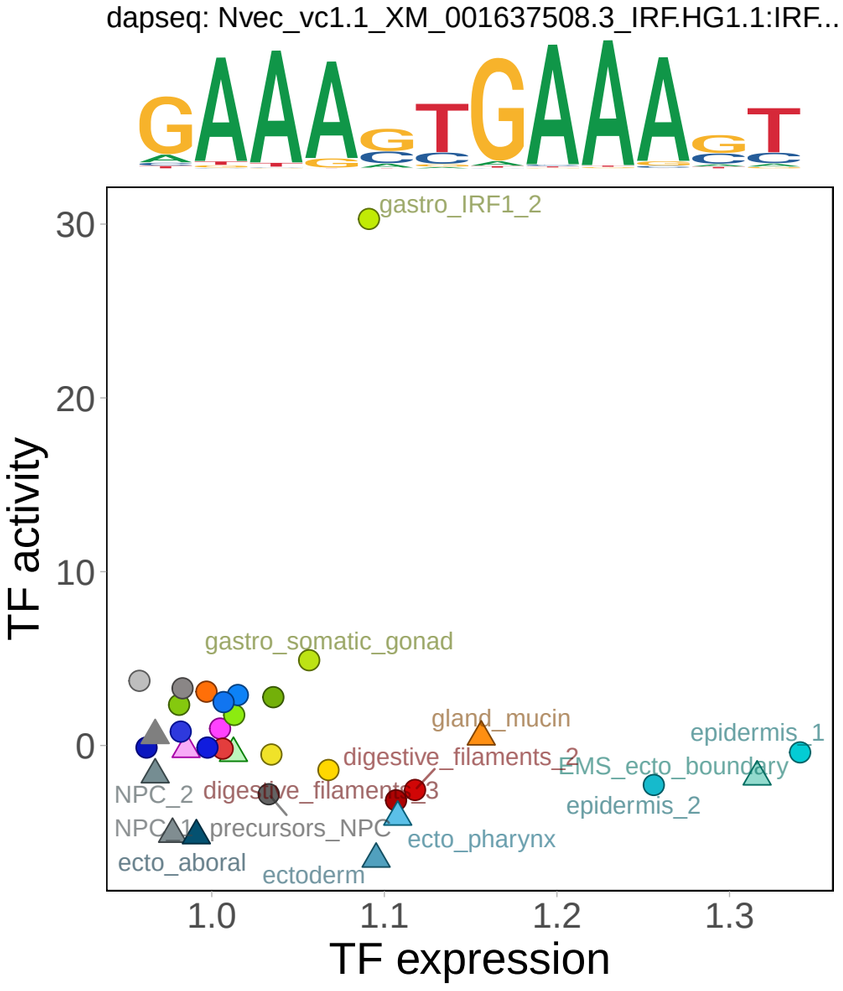
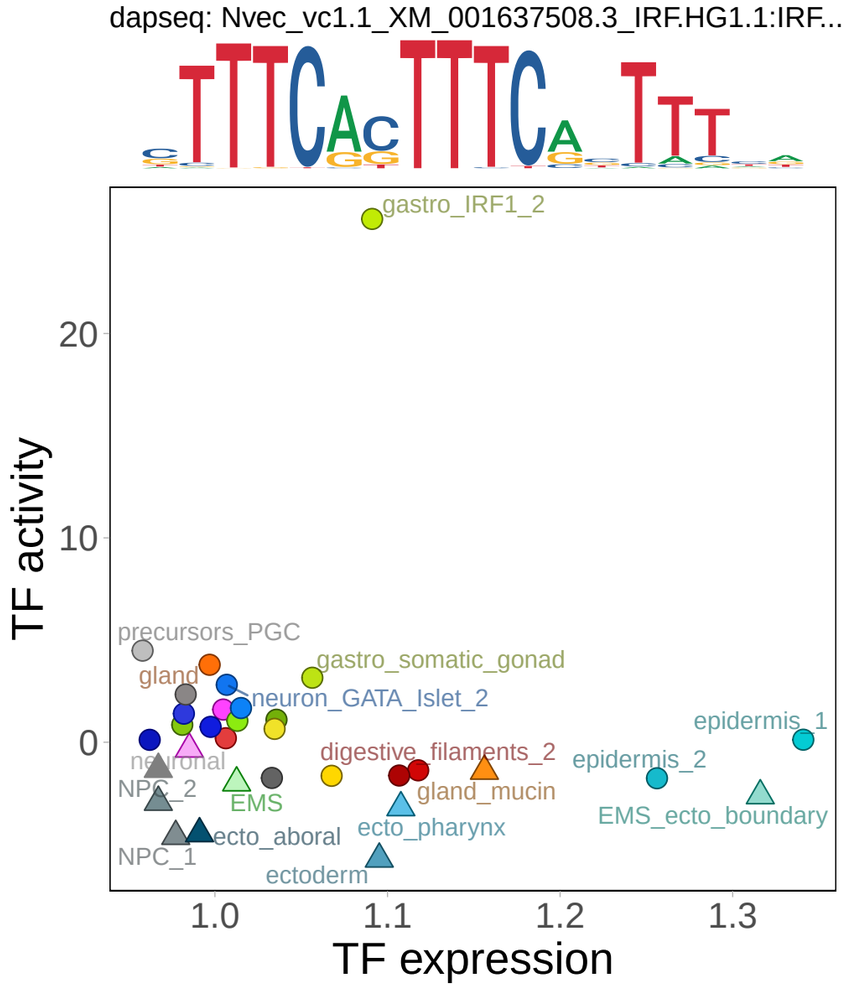
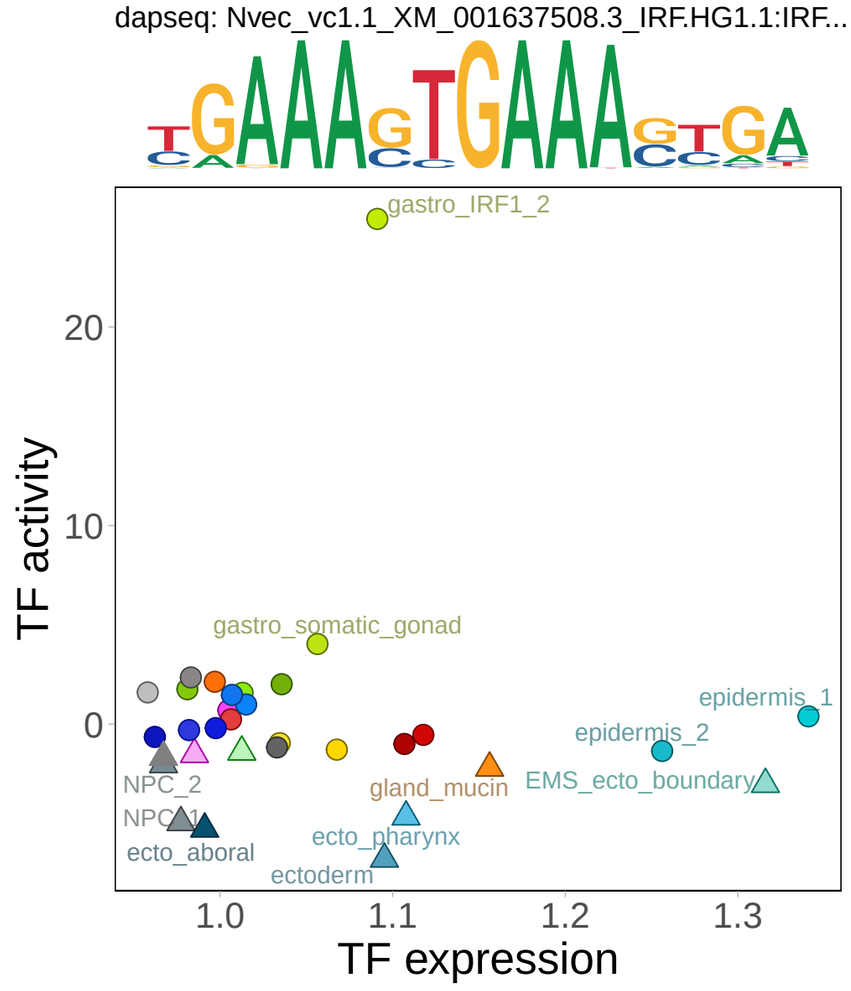


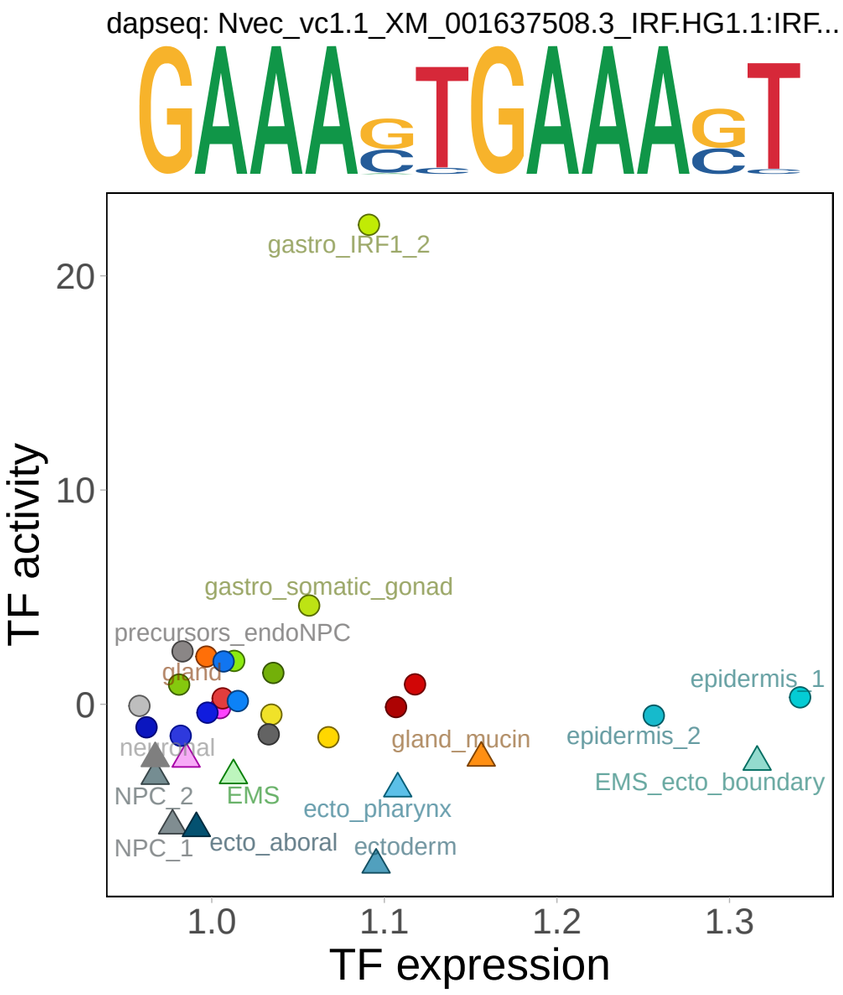
dapseq: Nvec_vc1.1_XM_001637508.3_IRF.HG1.1:IRF...



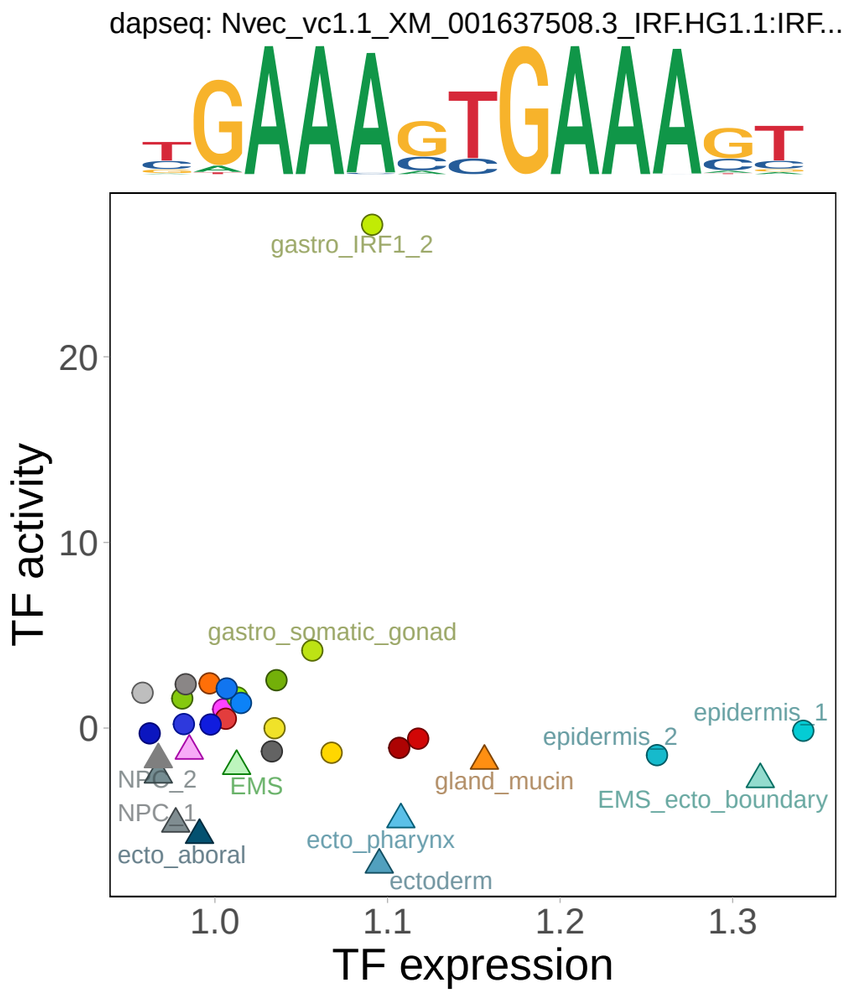
dapseq: Nvec_vc1.1_XM_001637508.3_IRF.HG1.1:IRF...



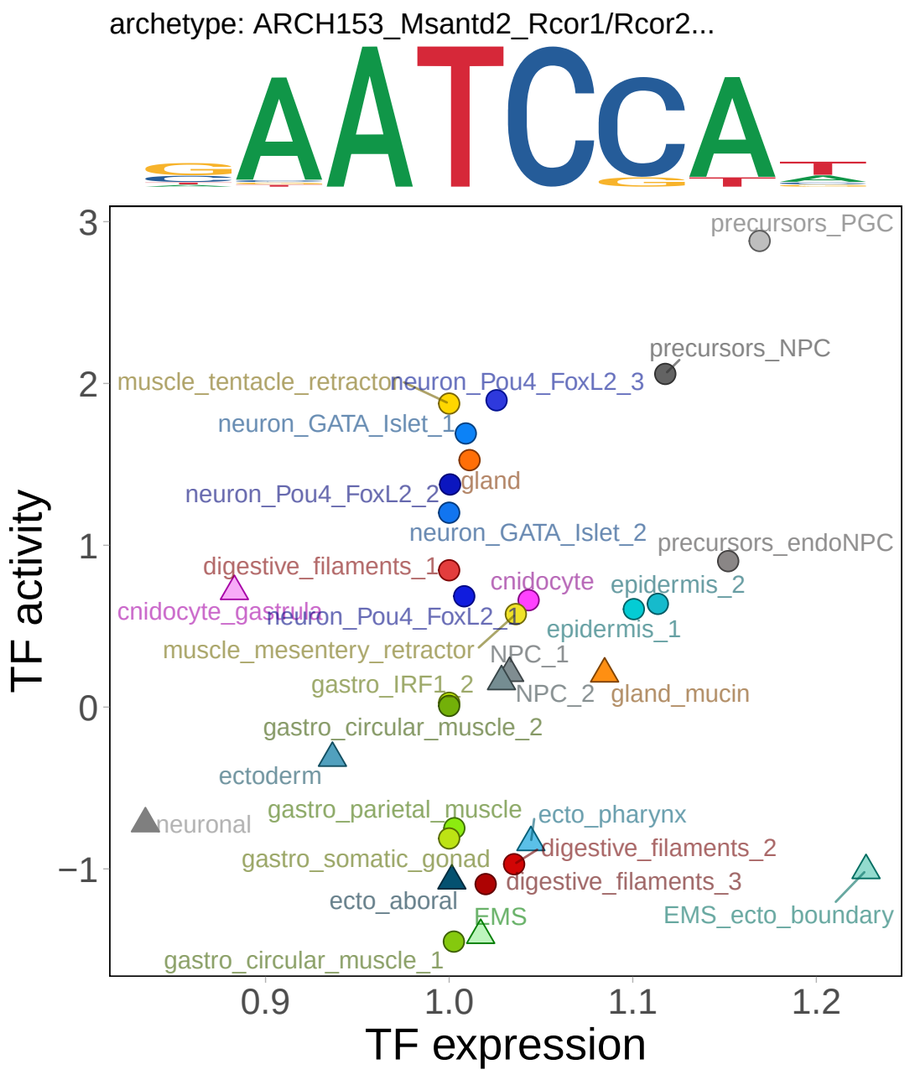
dapseq: Nvec_vc1.1_XM_001637508.3_IRF.HG1.1:IRF...



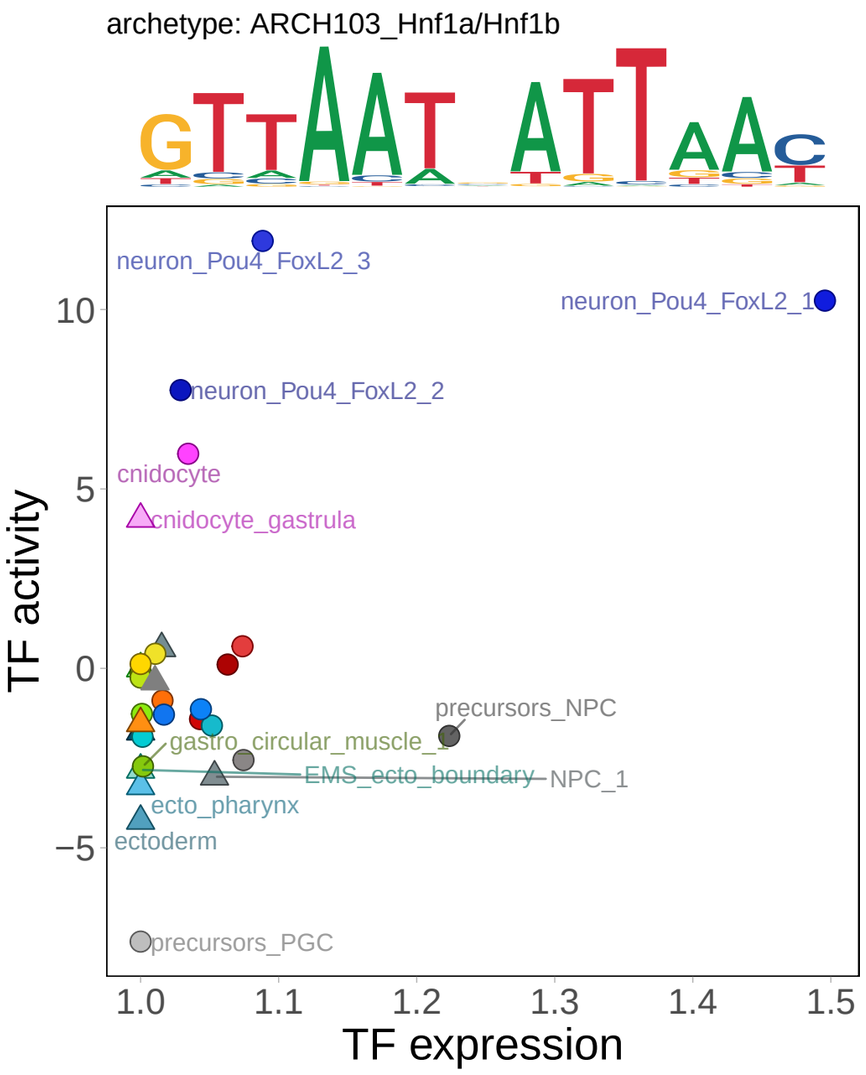
dapseq: Nvec_vc1.1_XM_001637508.3_IRF.HG1.1:IRF...

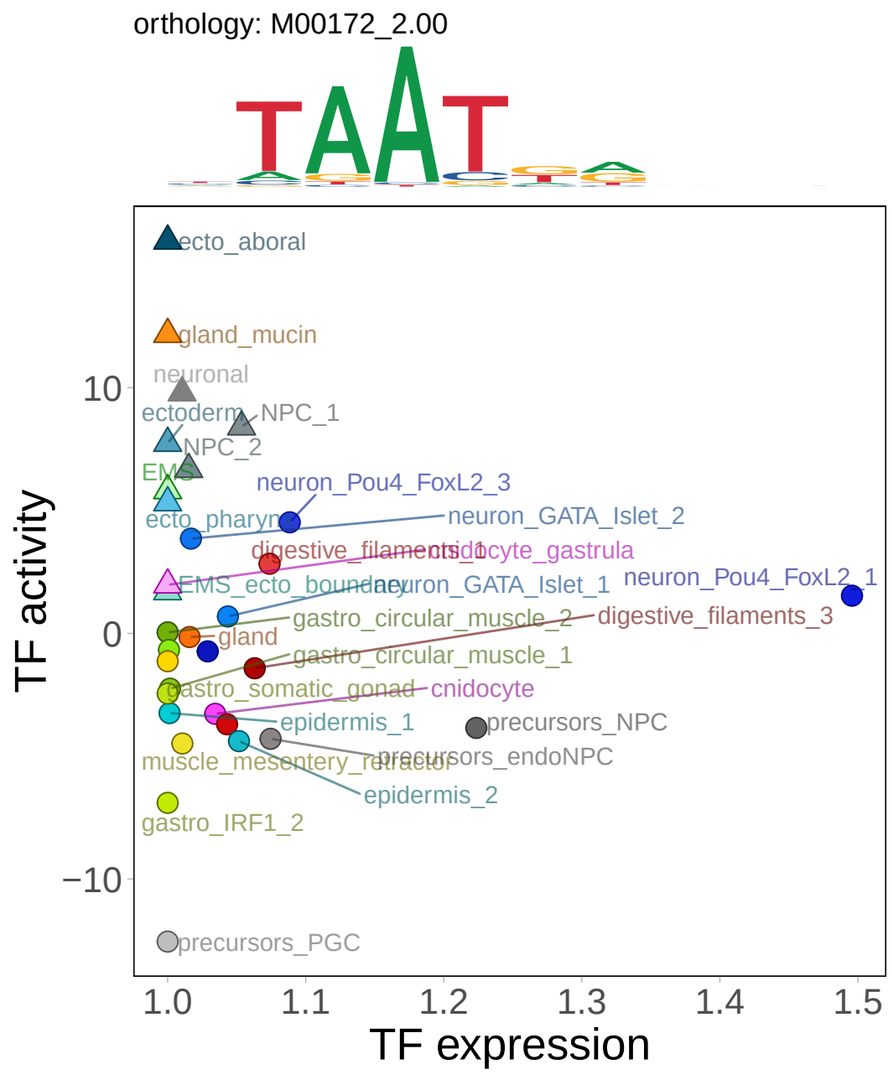


Nvec_vc1.1_XM_001637529.3
OG: Myb.HG1.2:DMTF1/TTF1
PFAM: Myb_DNA−binding/Myb_DNA−binding

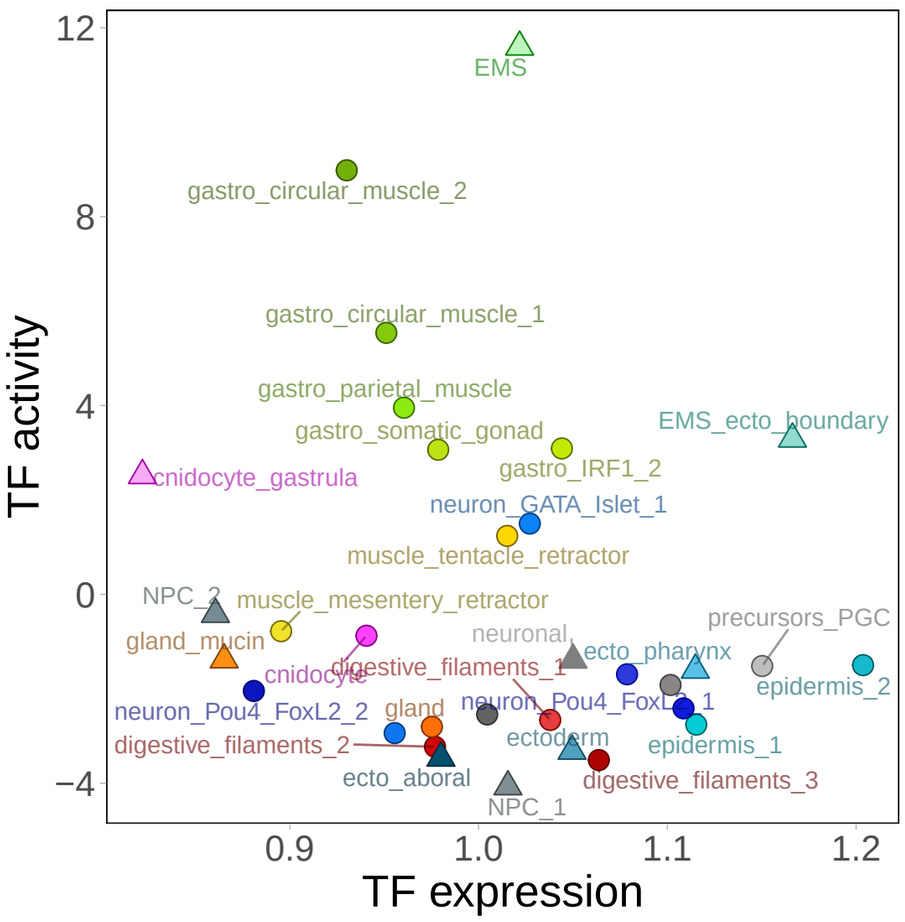


Nvec_vc1.1_XM_001637733.3
OG: Homeodomains.HG1.67:GSX1/GSX2
PFAM: Homeodomain



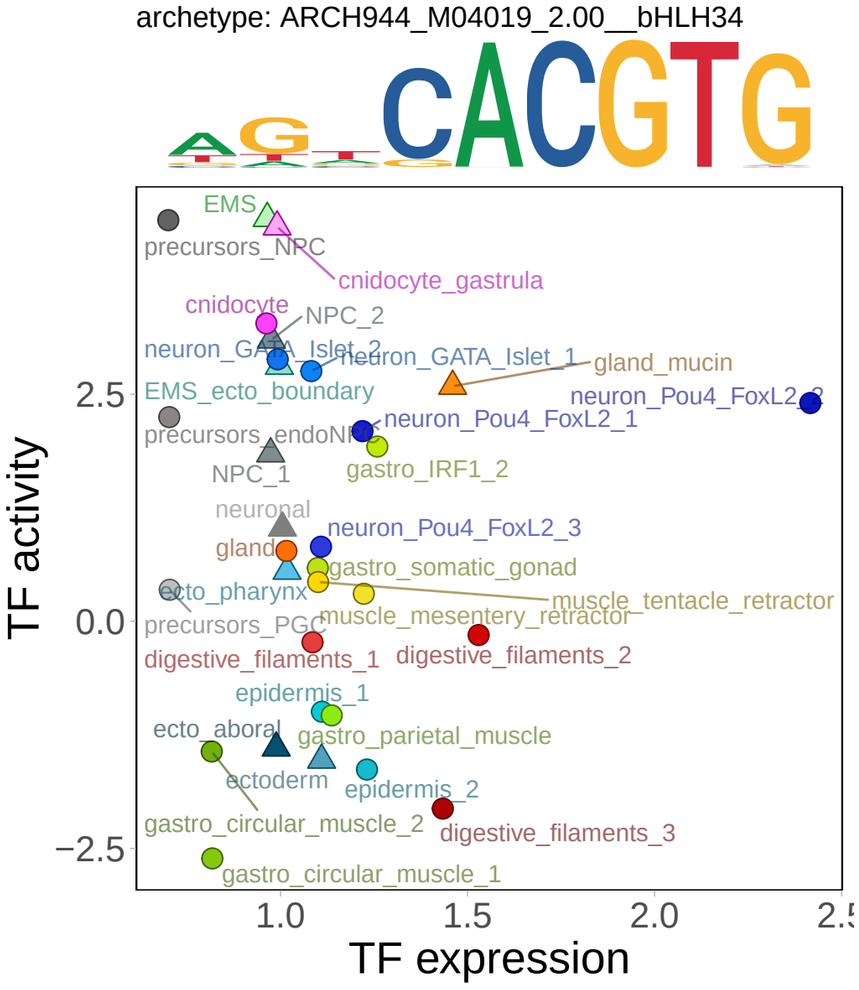


orthology: M09257_2.00

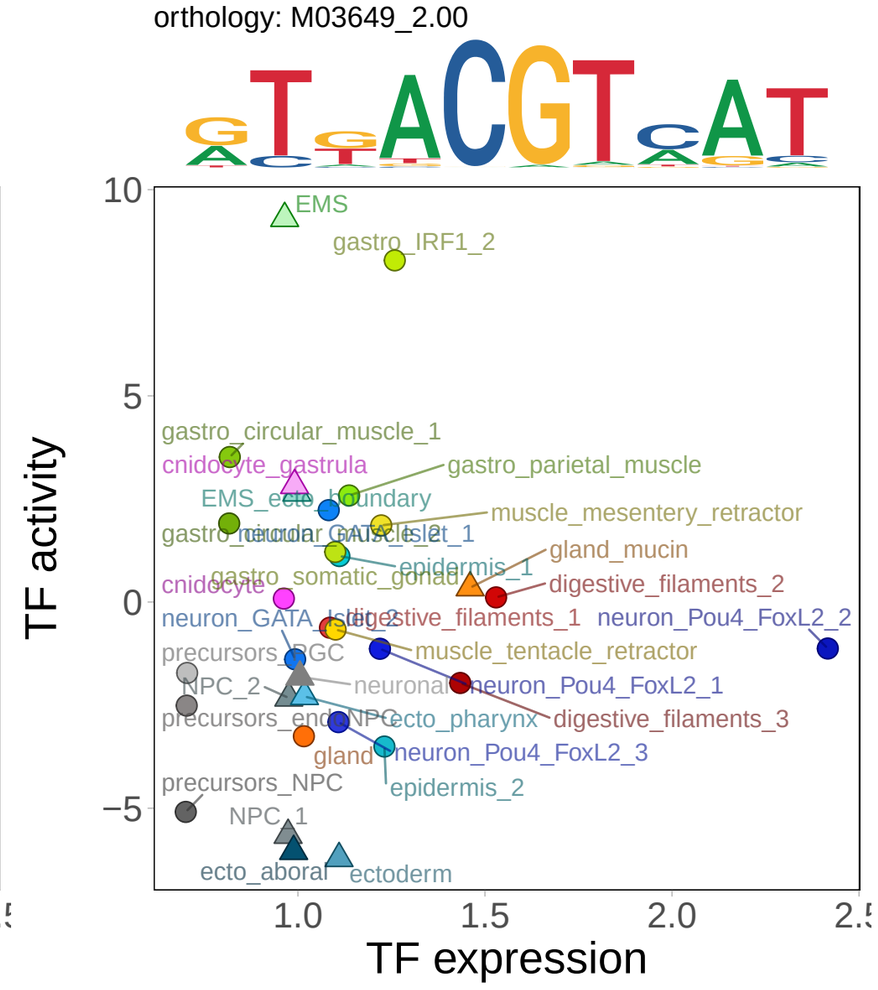


Nvec_vc1.1_XM_001638266.3
OG: bZIP.HG1.0:CREBL2
PFAM: bZIP_2

archetype: ARCH944_M04019_2.00__bHLH34

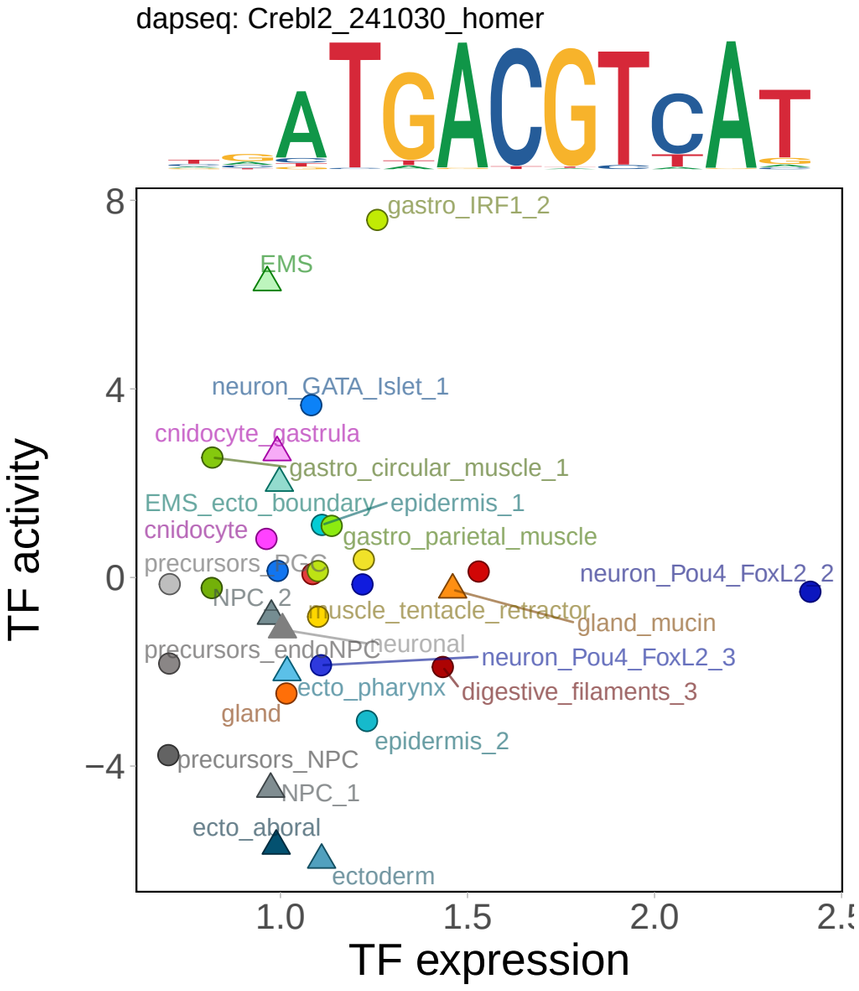


orthology: M03649_2.00

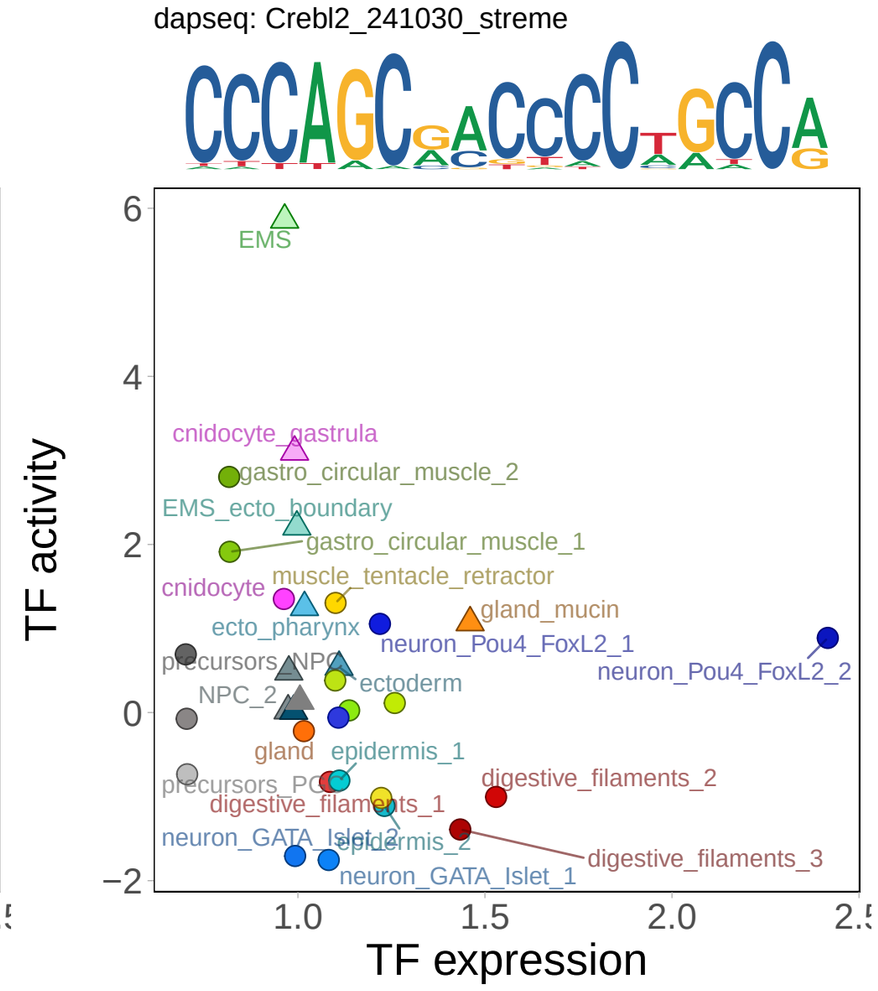


dapseq: Crebl2_241030_dimont

dapseq: Crebl2_241030_homer

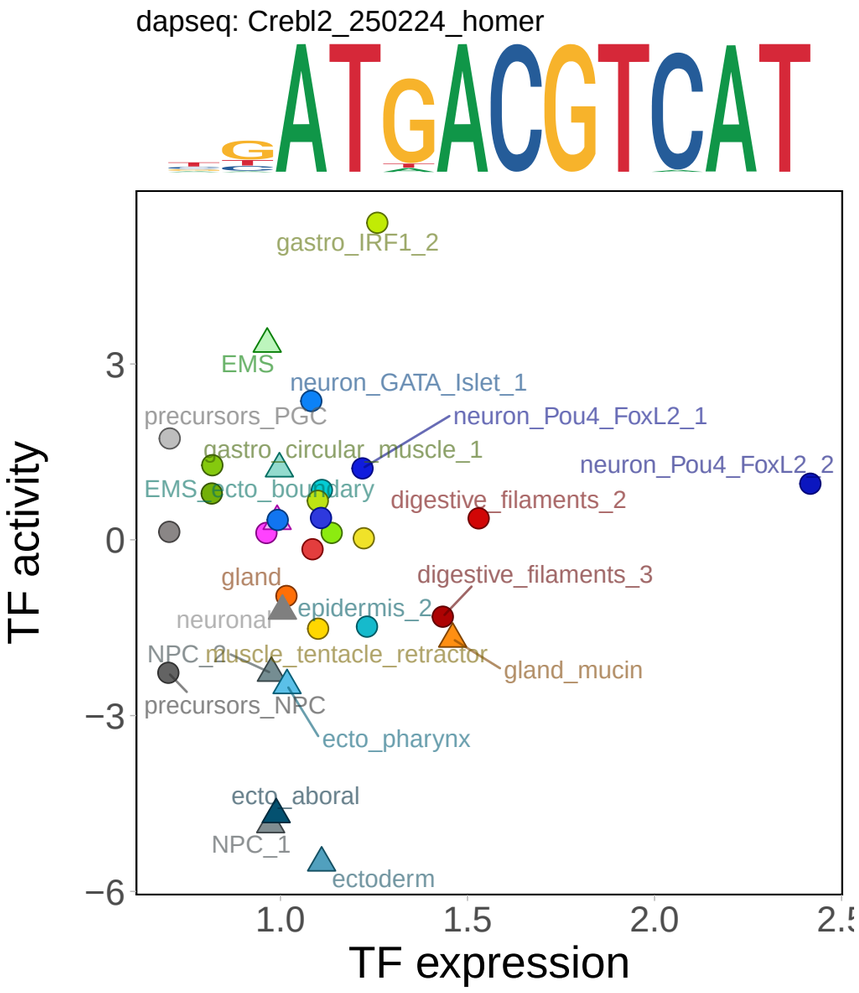


dapseq: Crebl2_241030_streme

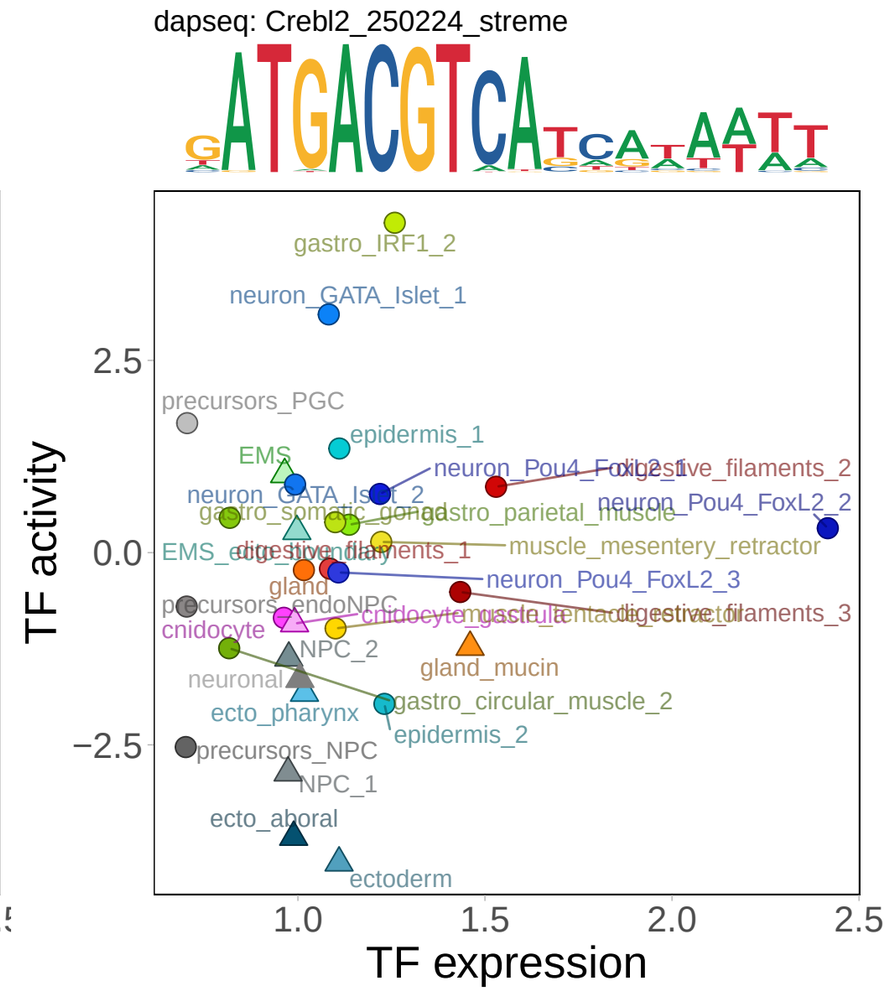


dapseq: Crebl2_250224_dimont

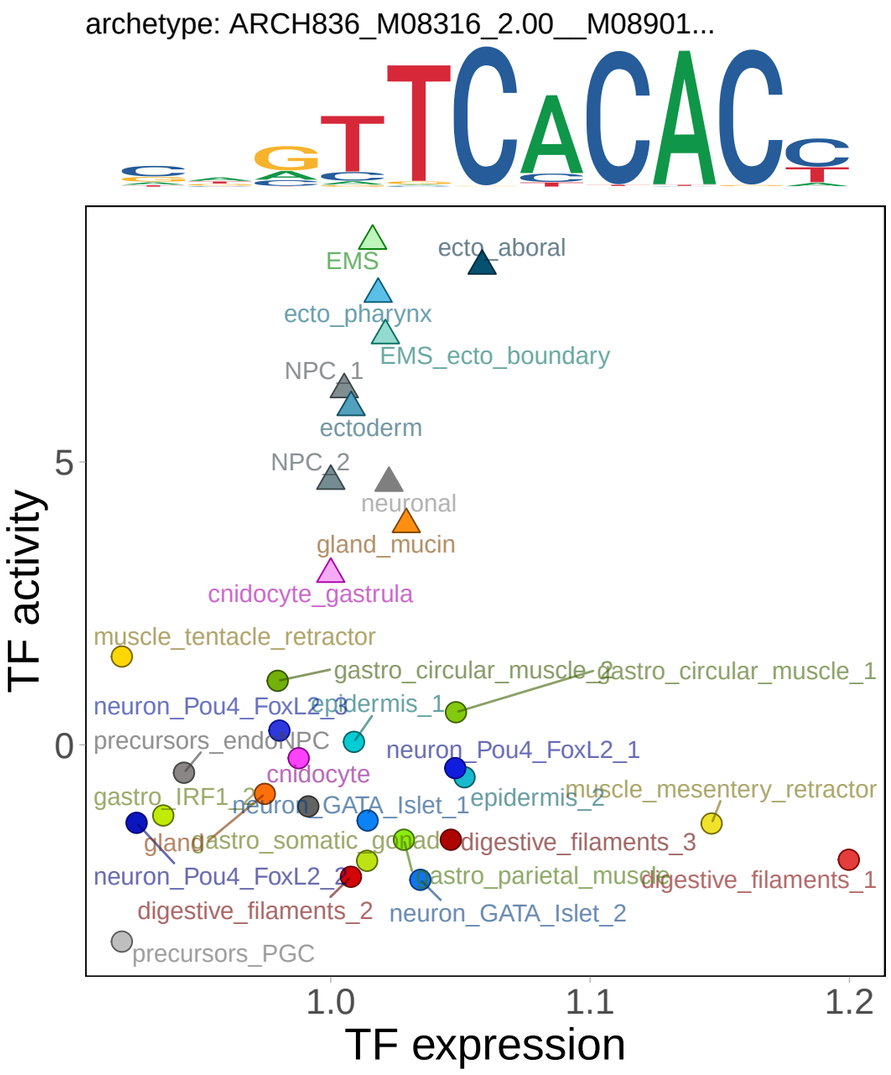
dapseq: Crebl2_250224_homer



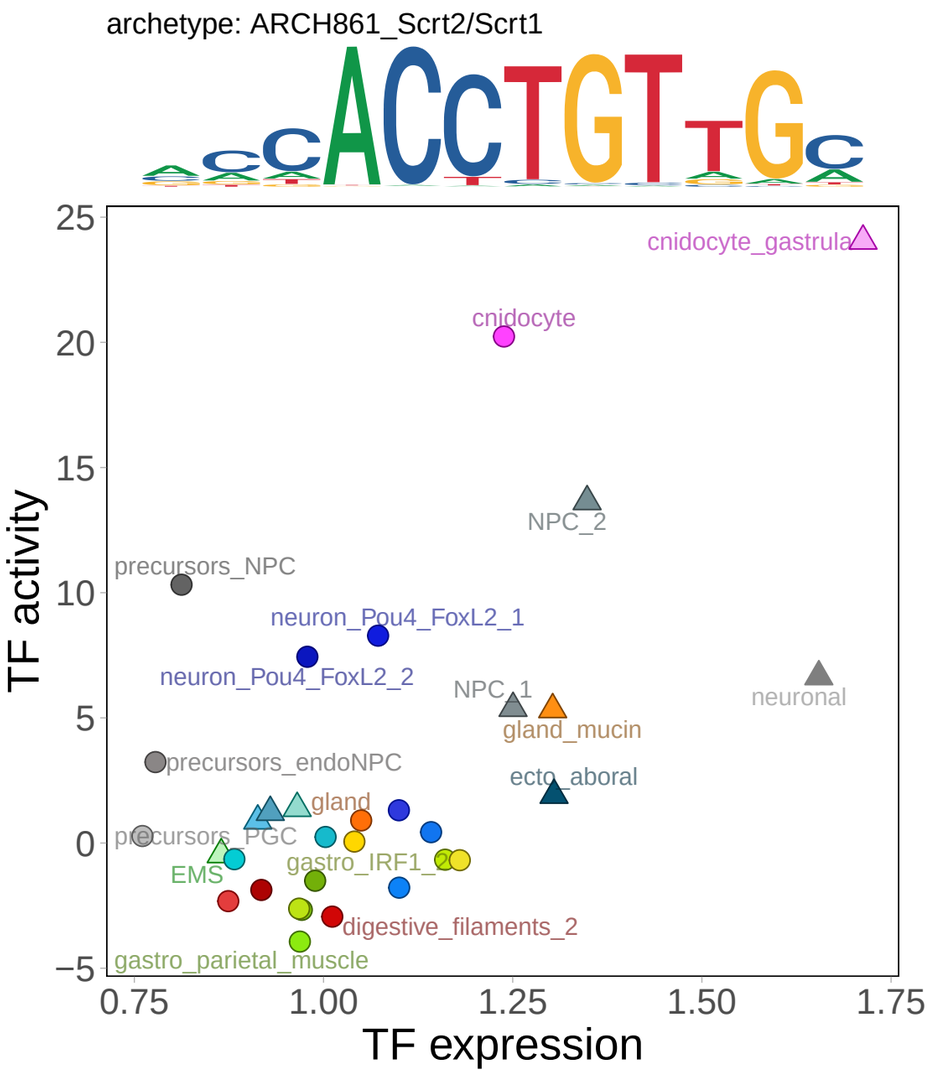
dapseq: Crebl2_250224_streme



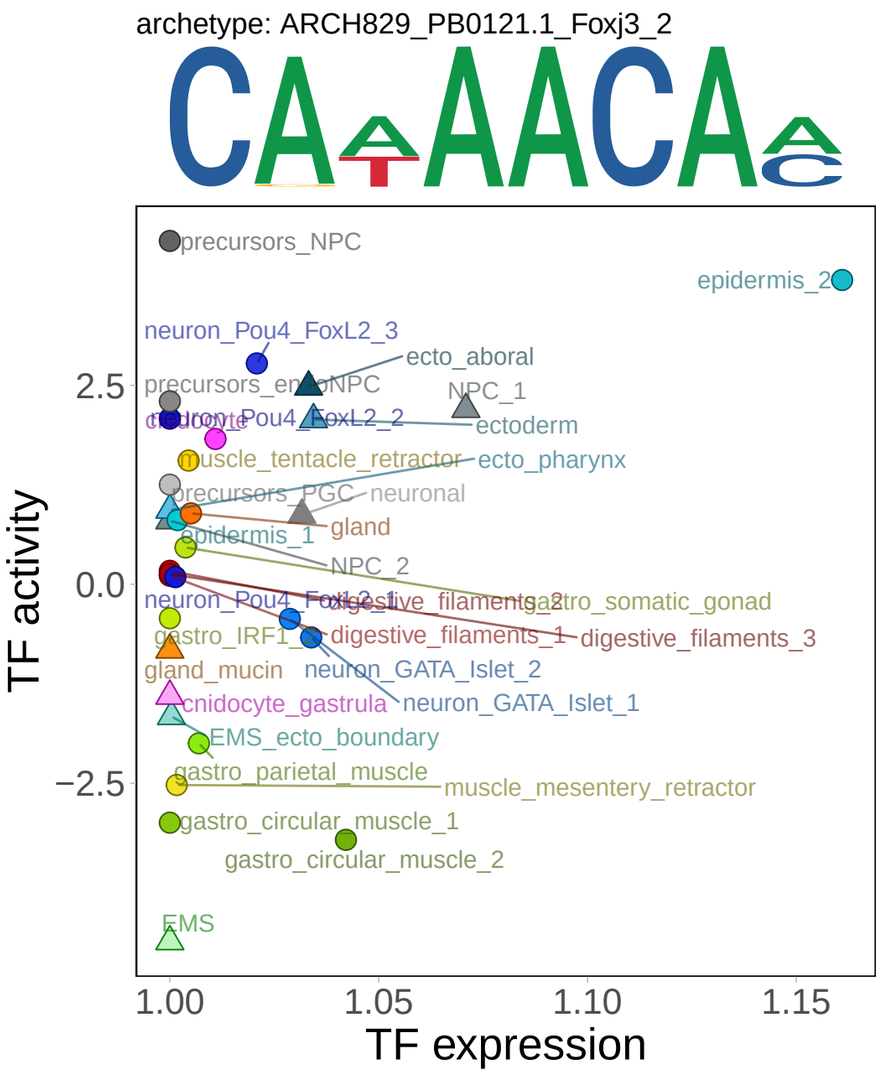
Nvec_vc1.1_XM_001638641.3
OG: zf−C2H2.HG2.4:MTF1/ZNF76/ZNF143
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

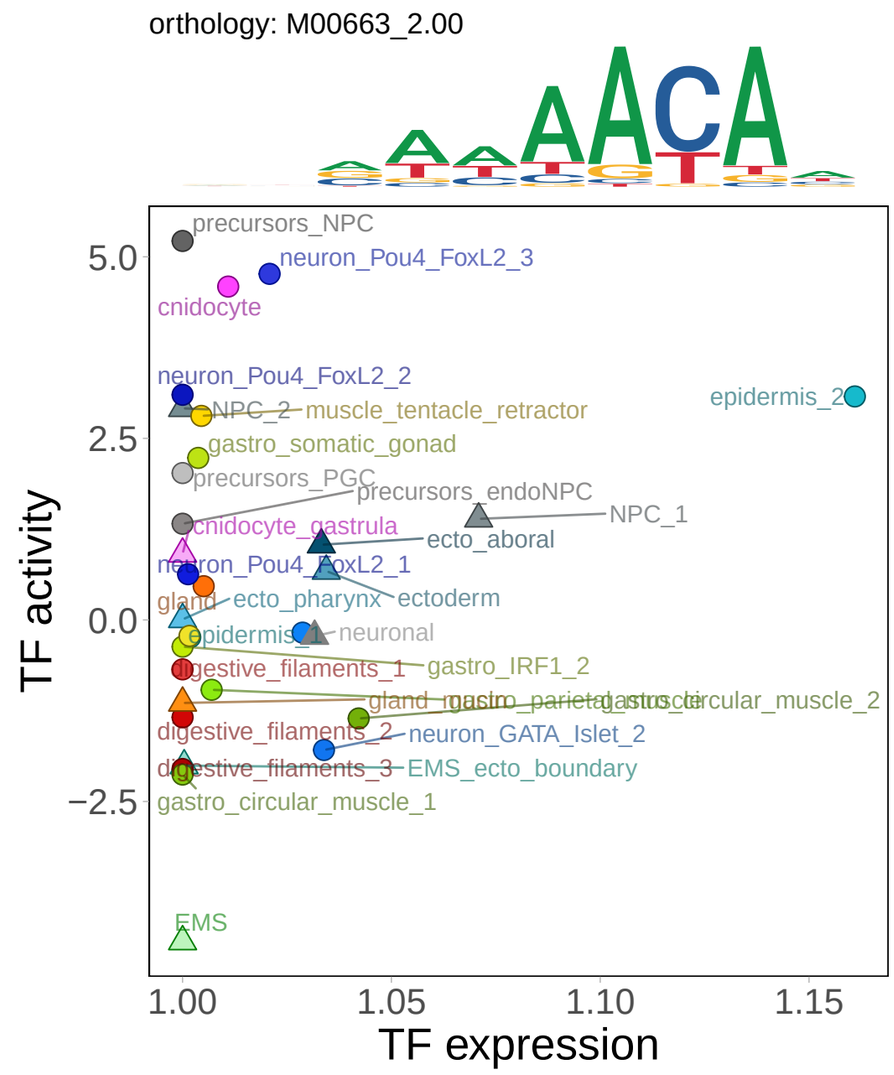


Nvec_vc1.1_XM_001638761.3
OG: zf−C2H2.HG16.2:like:TRERF1/ZNF541
PFAM: zf−C2H2/zf−C2H2_6/ELM2

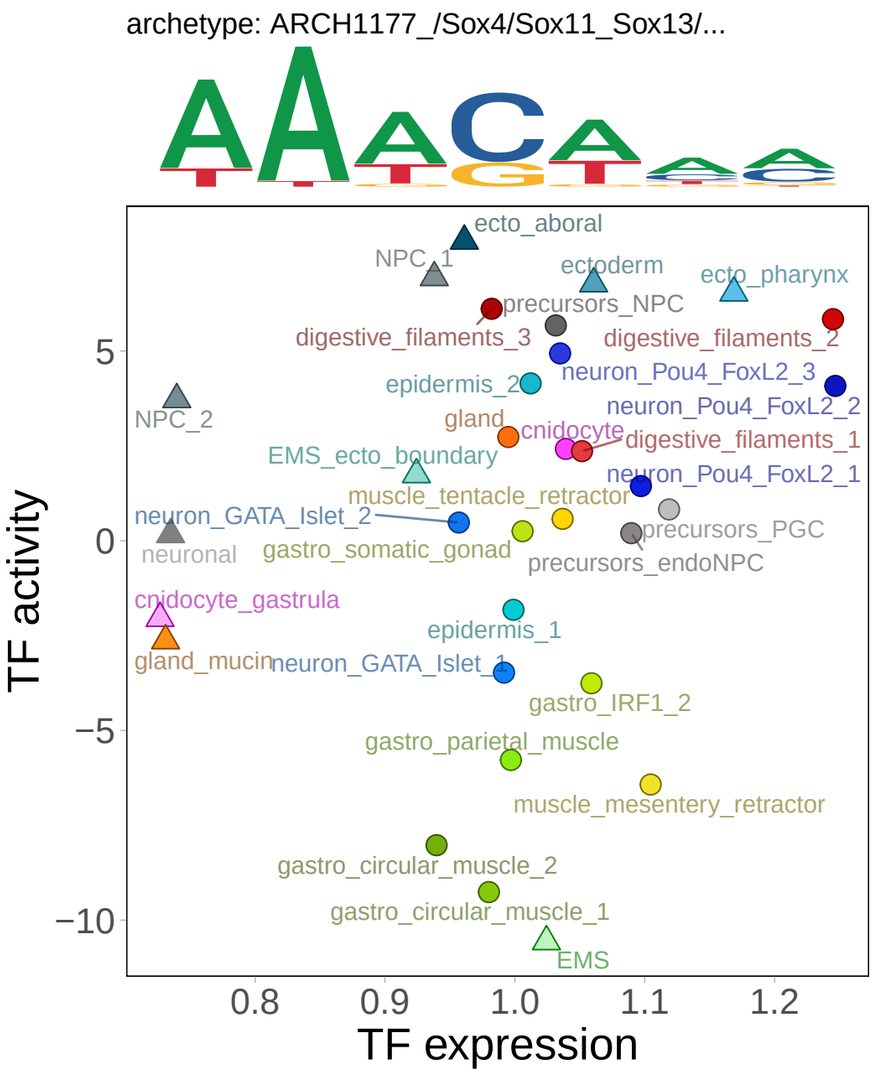


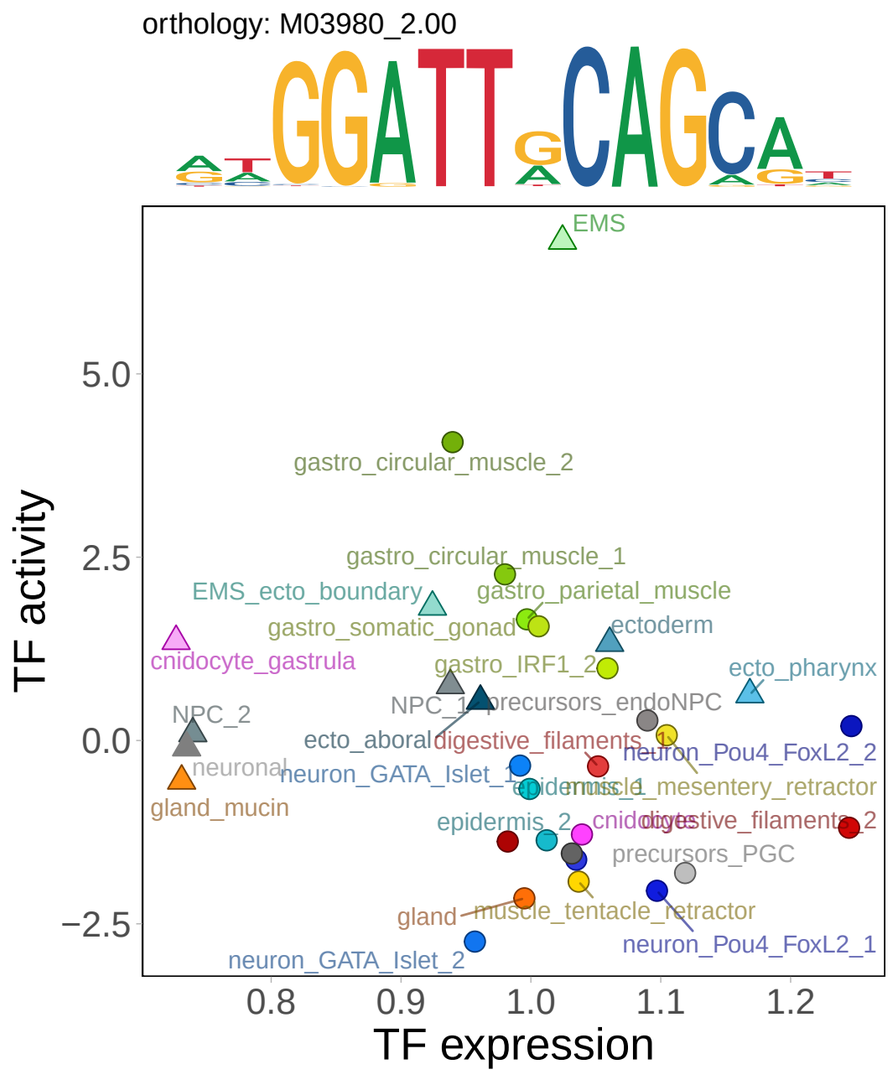
Nvec_vc1.1_XM_001638841.3
OG: Forkhead.HG1.22:FOXG1
PFAM: Forkhead



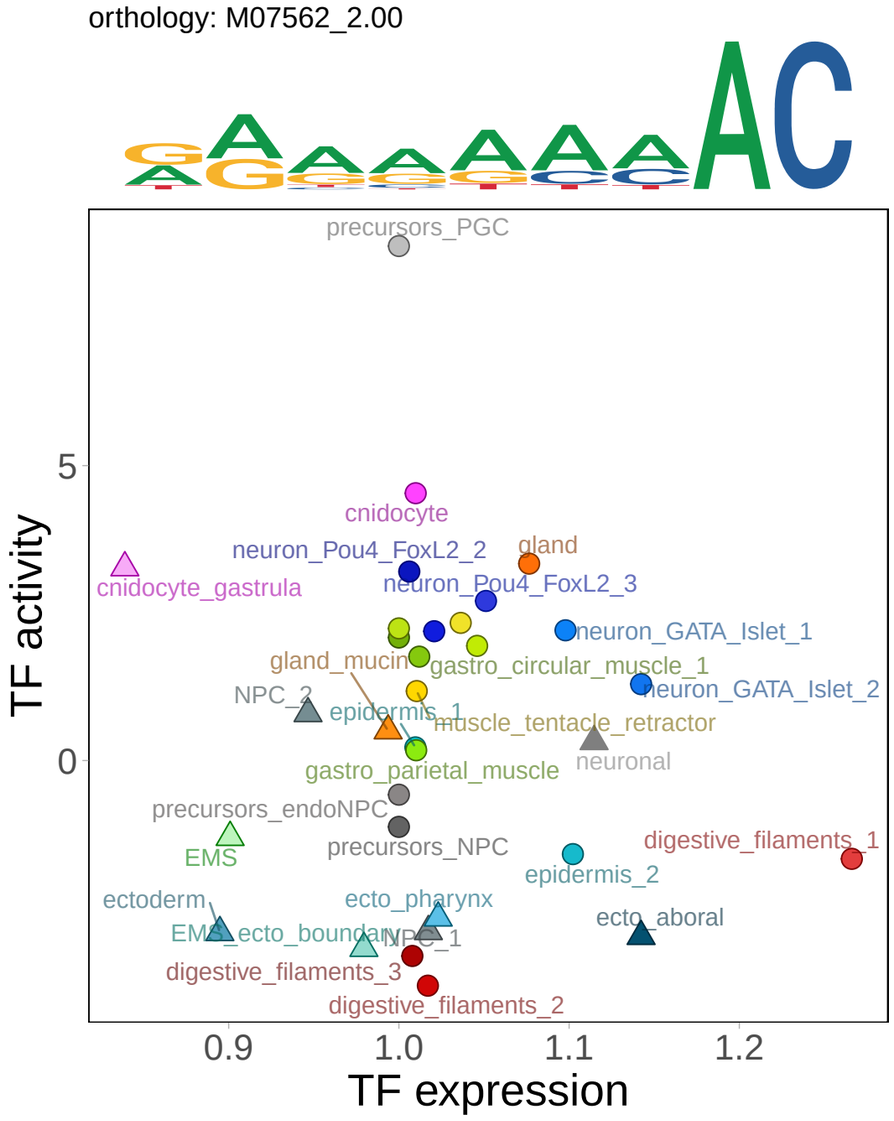


Nvec_vc1.1_XM_001638852.3
OG: HMGbox_Sox.HG1.47:like:NSD2
PFAM: HMG_box/HMG_box/HMG_box

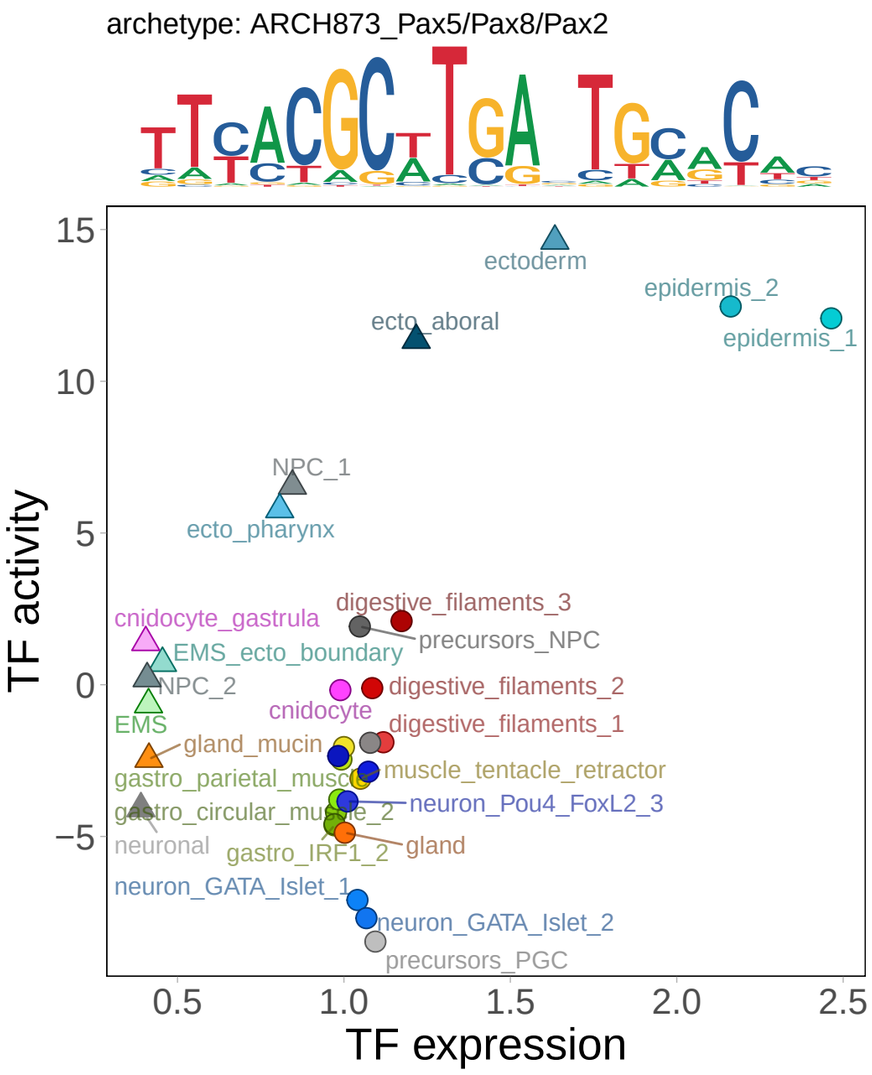


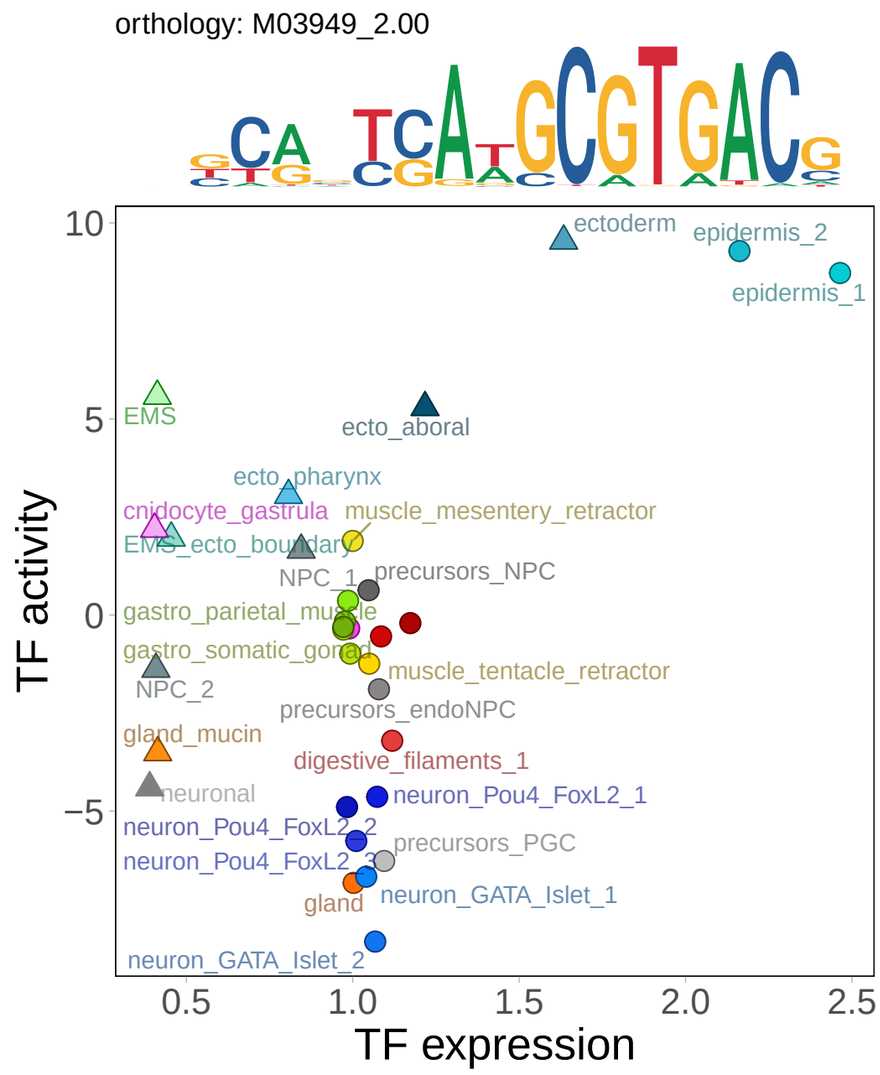


orthology: M07562_2.00

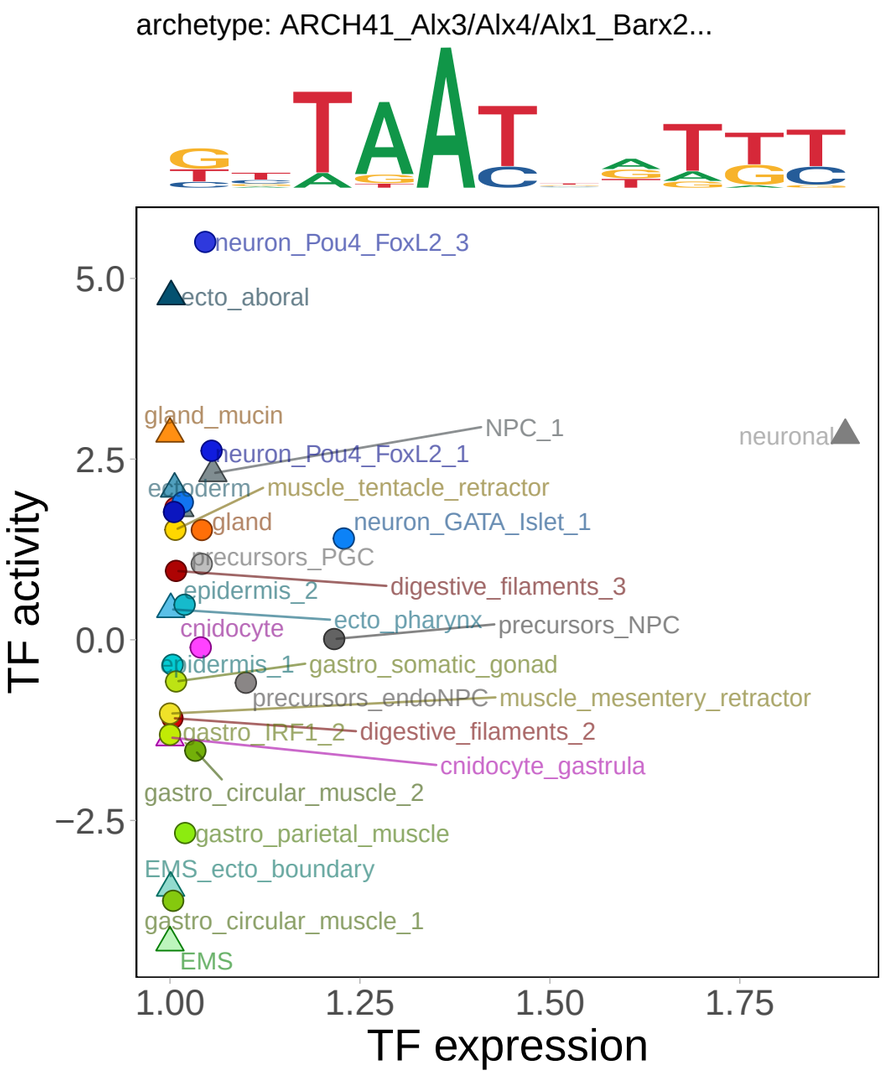


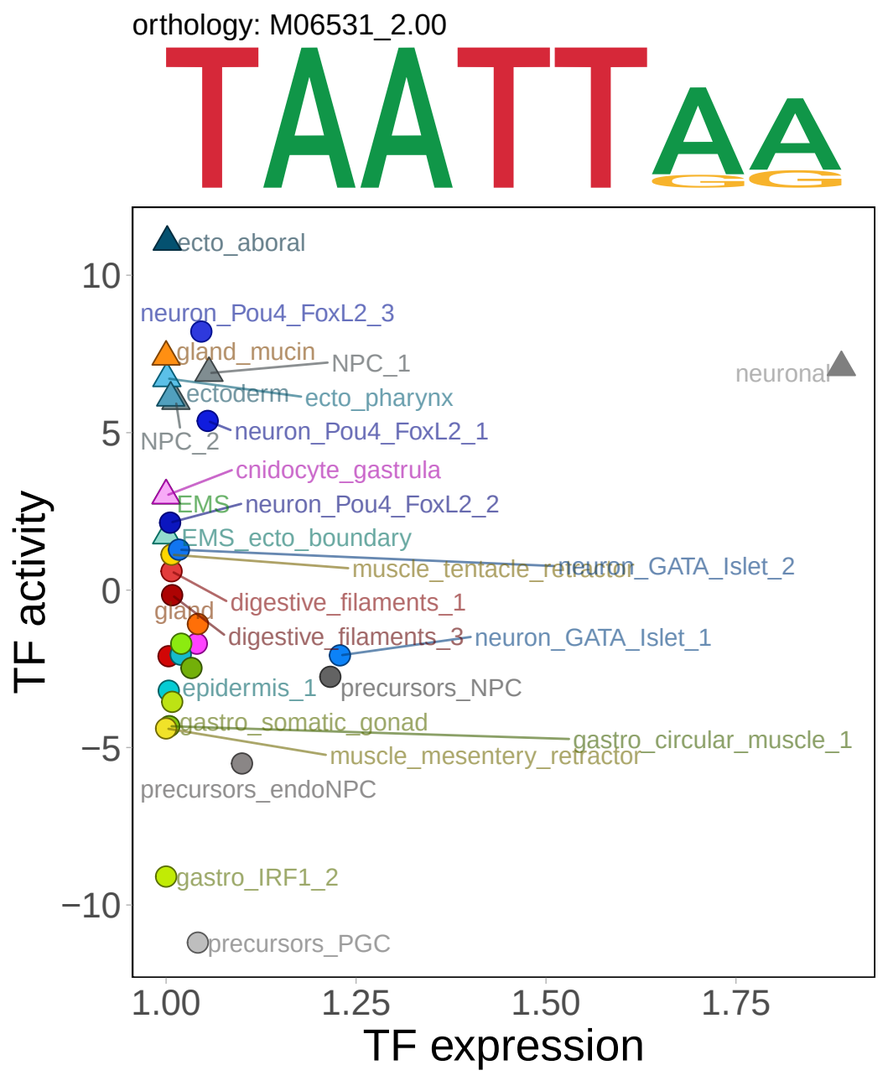
Nvec_vc1.1_XM_001639101.3
OG: Homeodomains.HG2.27:like:PAX1/PAX2/PAX3/PAX4/PAX5/PAX6/PAX7/PAX8/PAX9
PFAM: PAX/Homeodomain





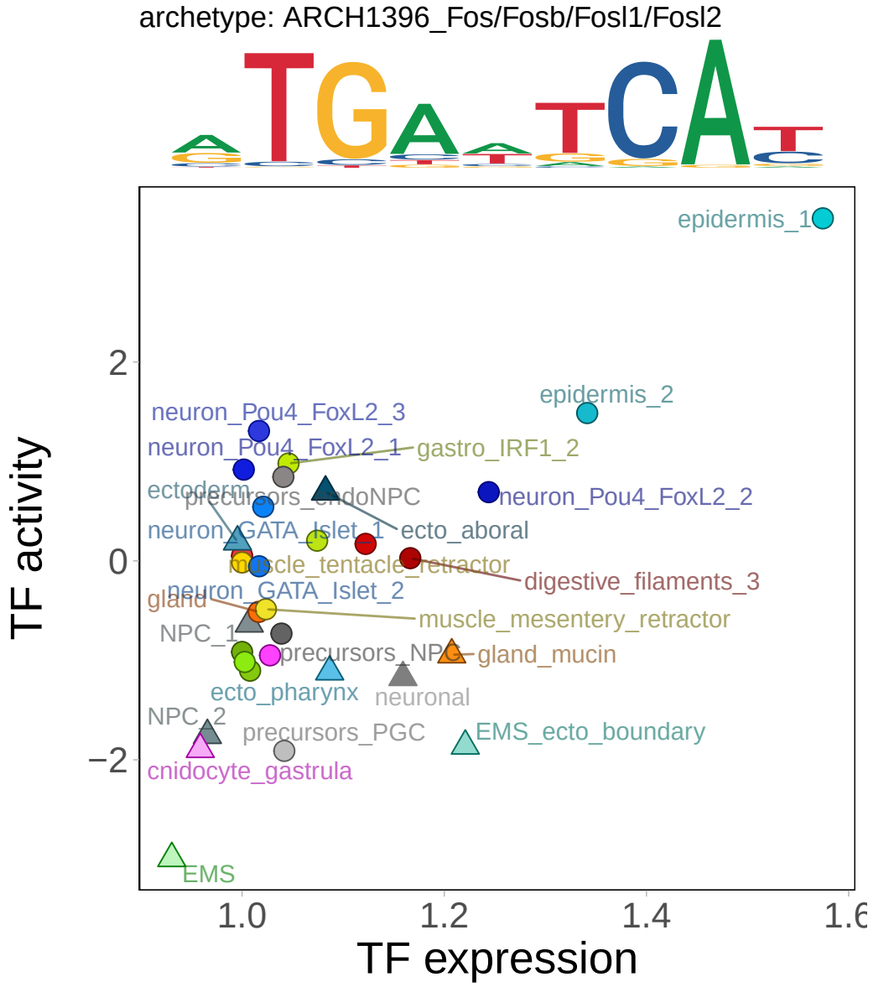
Nvec_vc1.1_XM_001639164.3
OG: Homeodomains.HG2.36:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/CRX/DMBX1/DPRX/
PFAM: Homeodomain



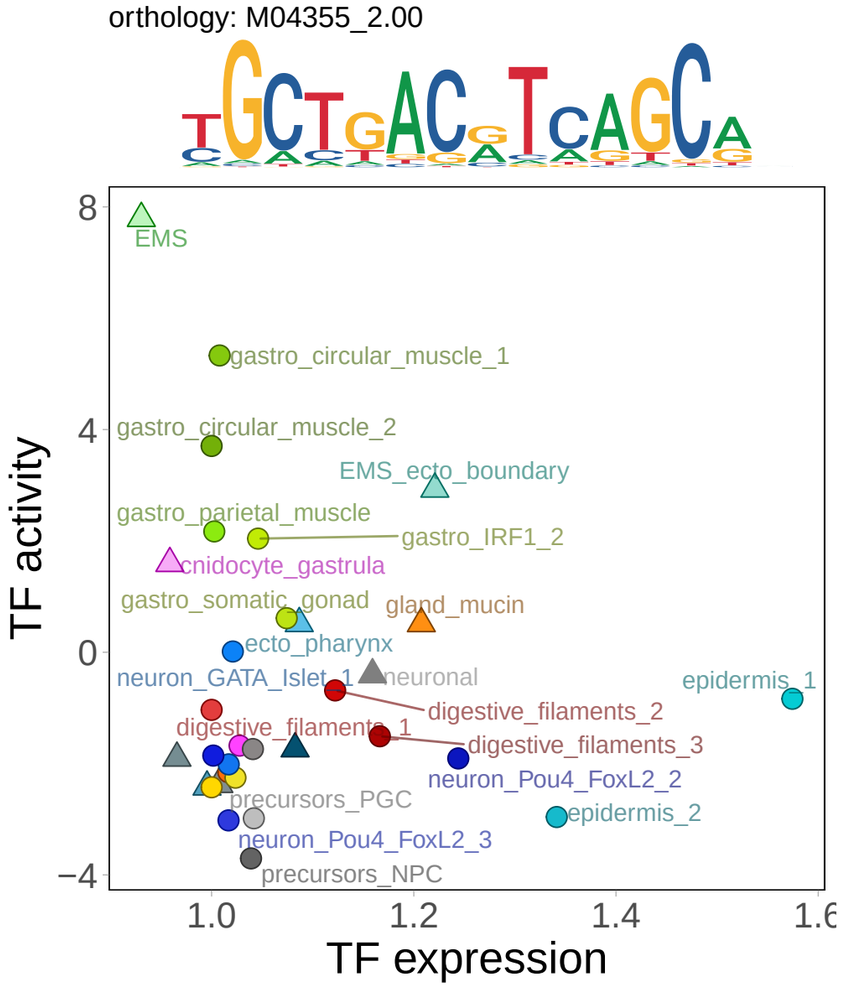


Nvec_vc1.1_XM_001639307.3
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB/NRL
PFAM: bZIP_Maf

archetype: ARCH1396_Fos/Fosb/Fosl1/Fosl2



orthology: M04355_2.00



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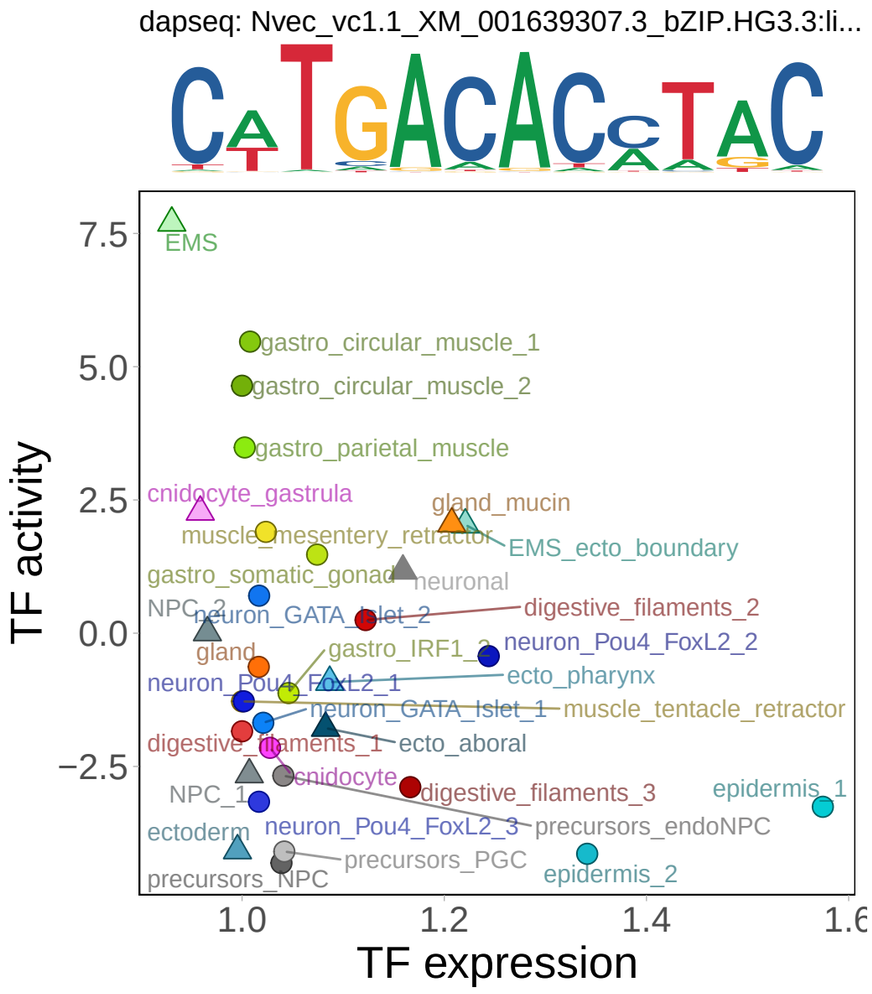

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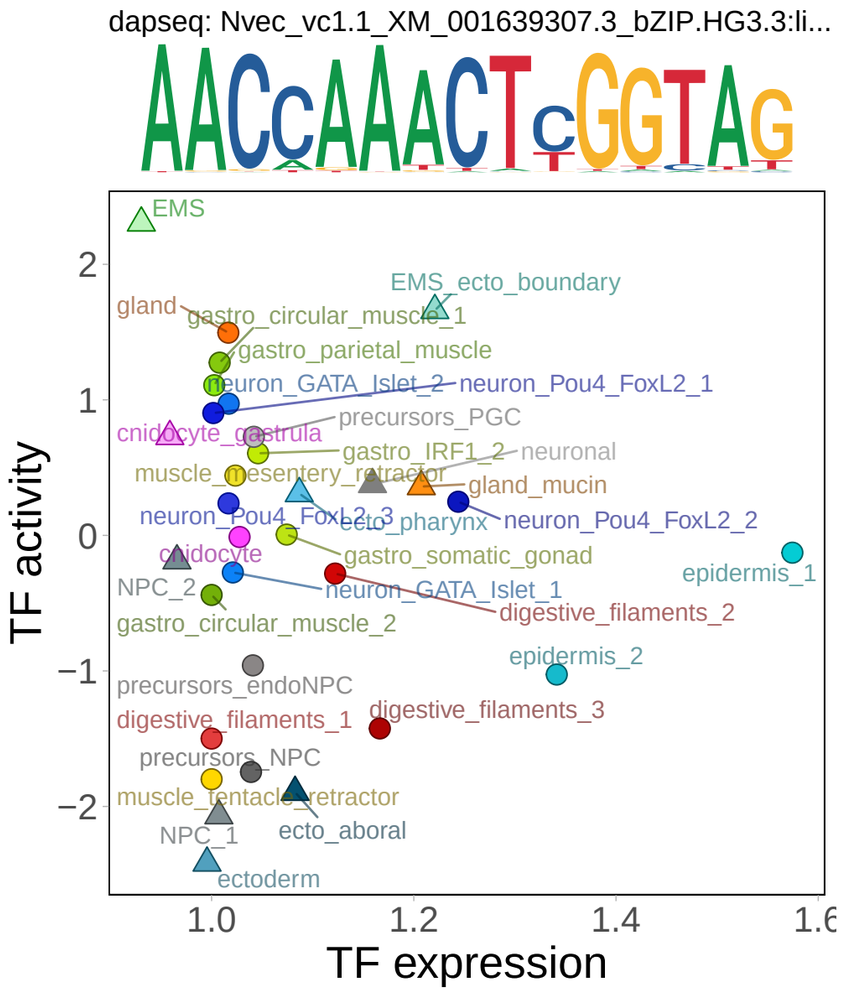

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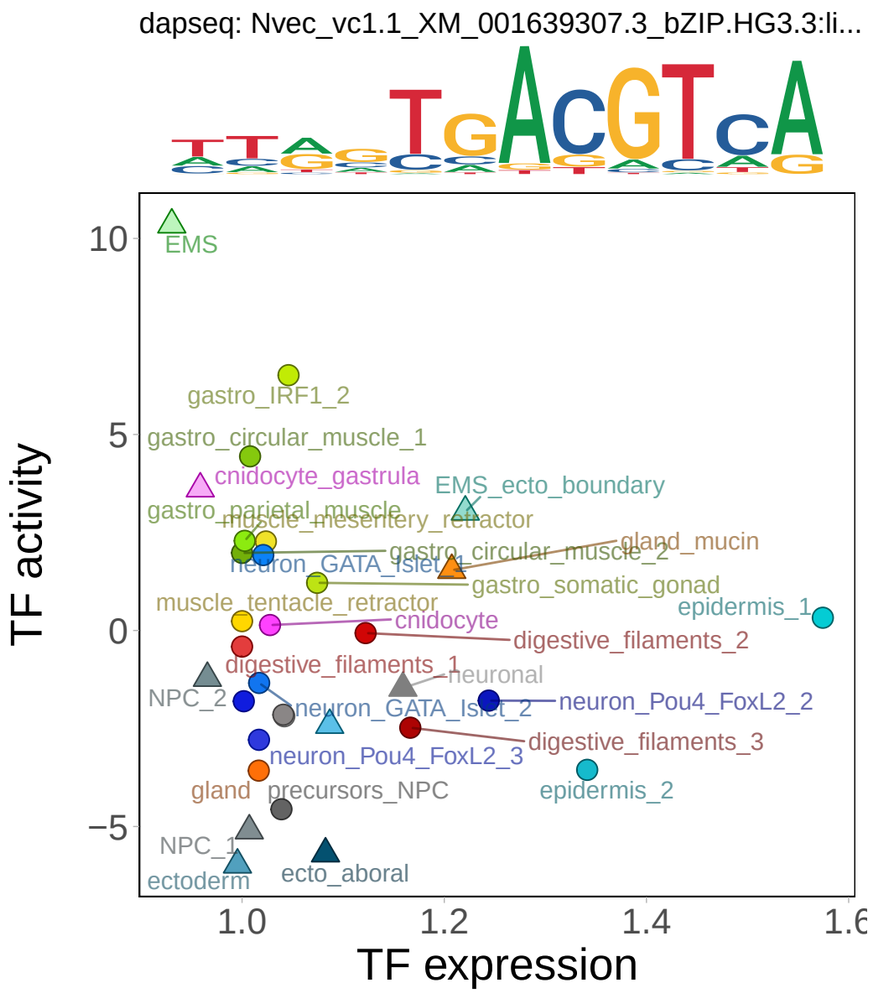

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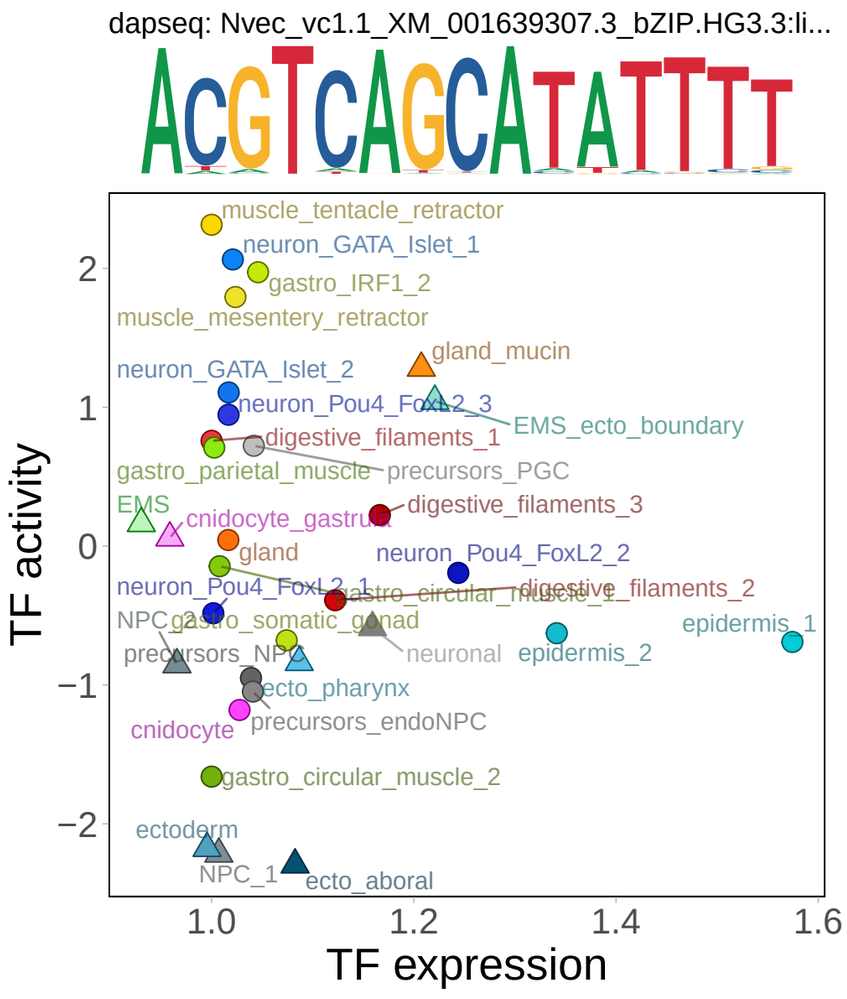
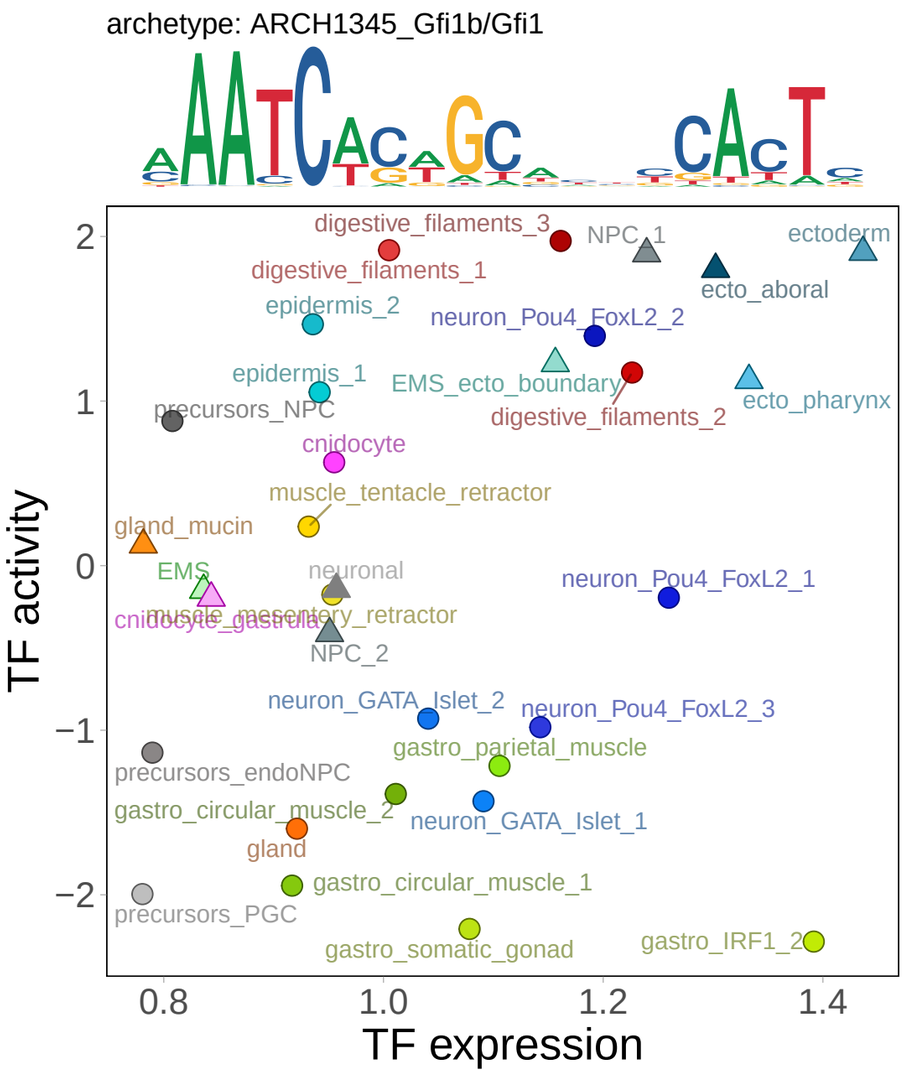
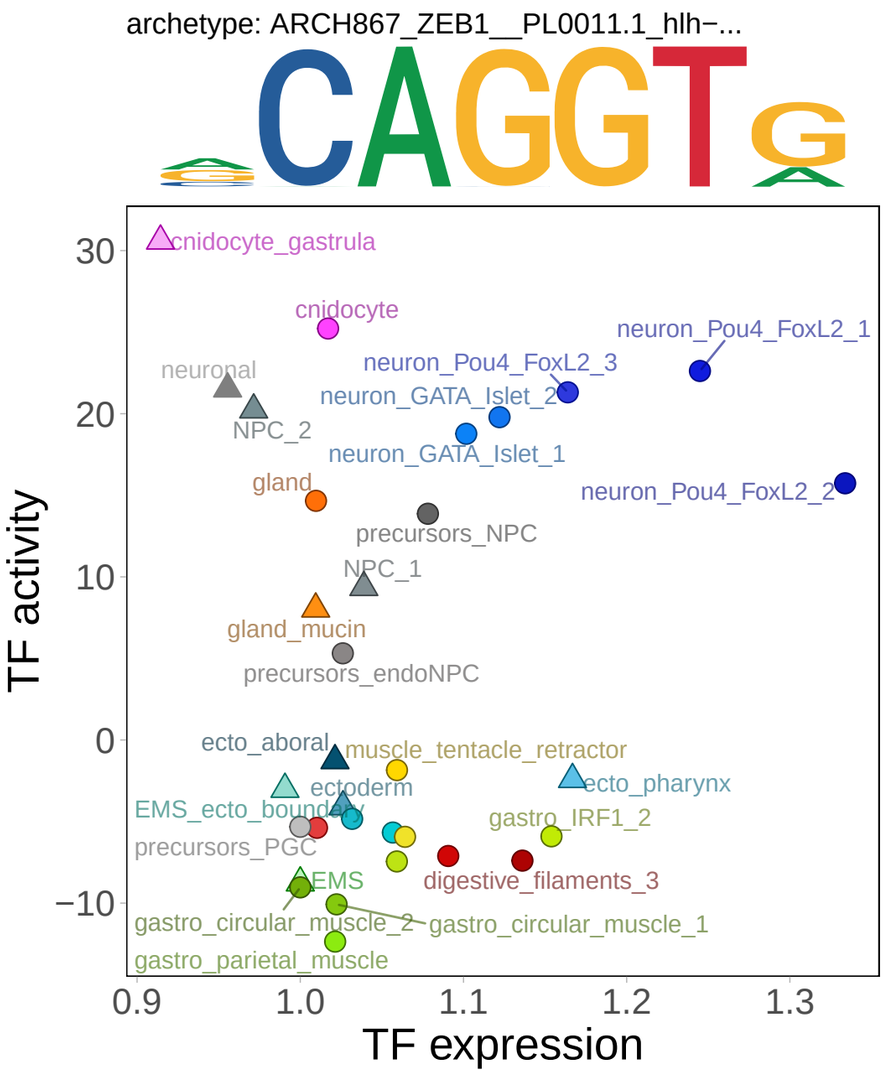
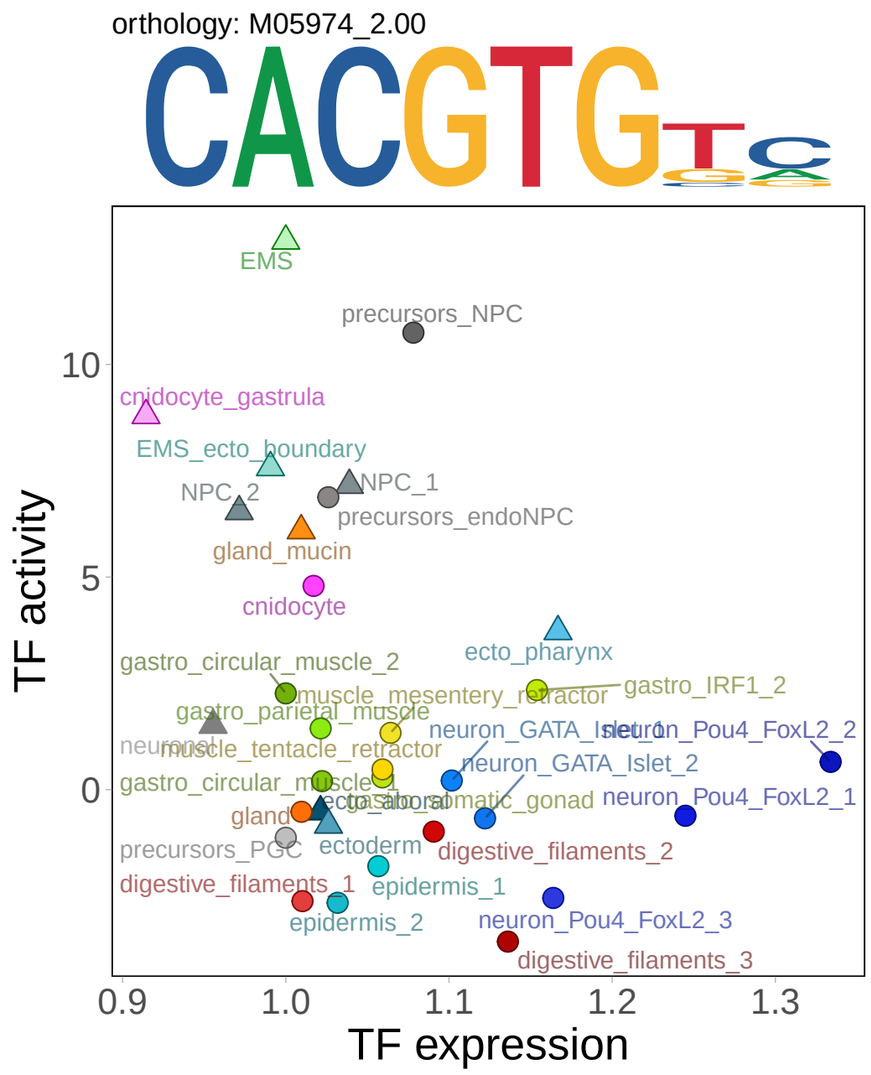


Nvec_vc1.1_XM_001639547.3
OG: zf−C2H2.HG2.11:KLF10/KLF11
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

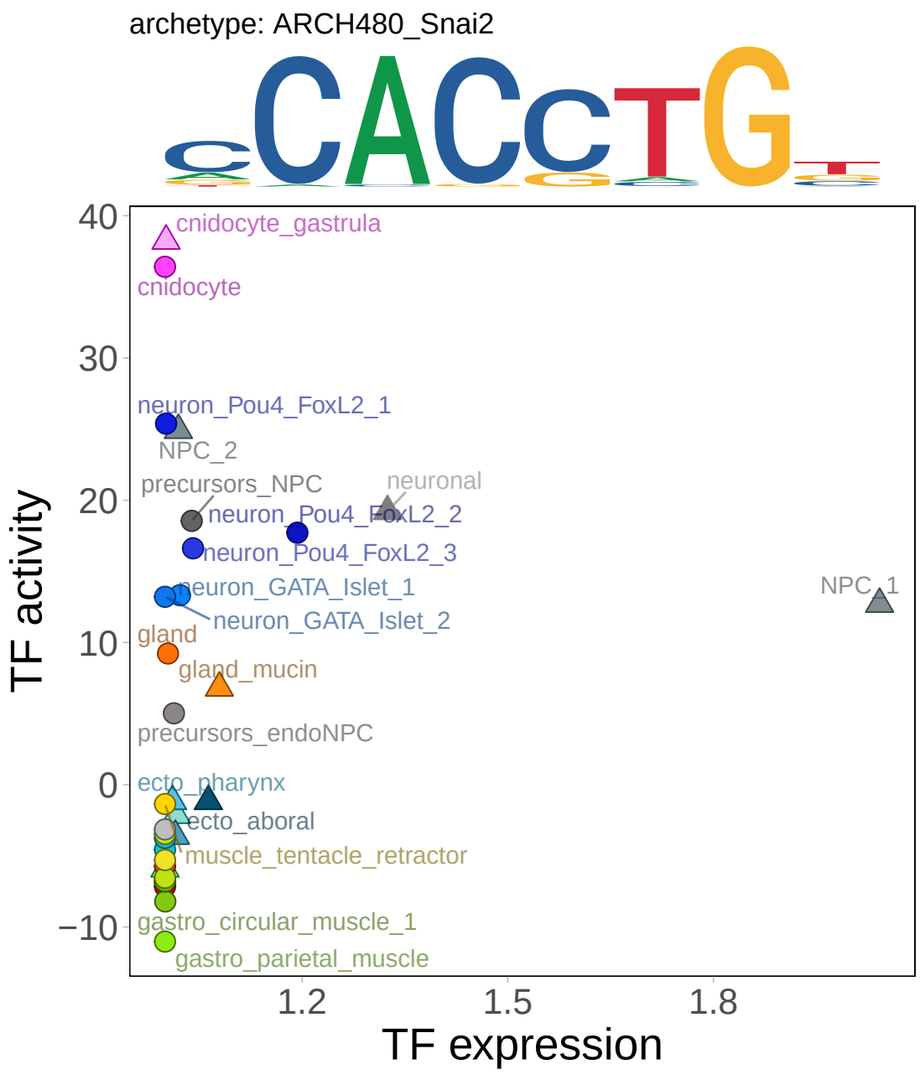


Nvec_vc1.1_XM_001639692.3
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCOA1/NPAS1/NPAS2/S
PFAM: HLH/PAS/PAS_11

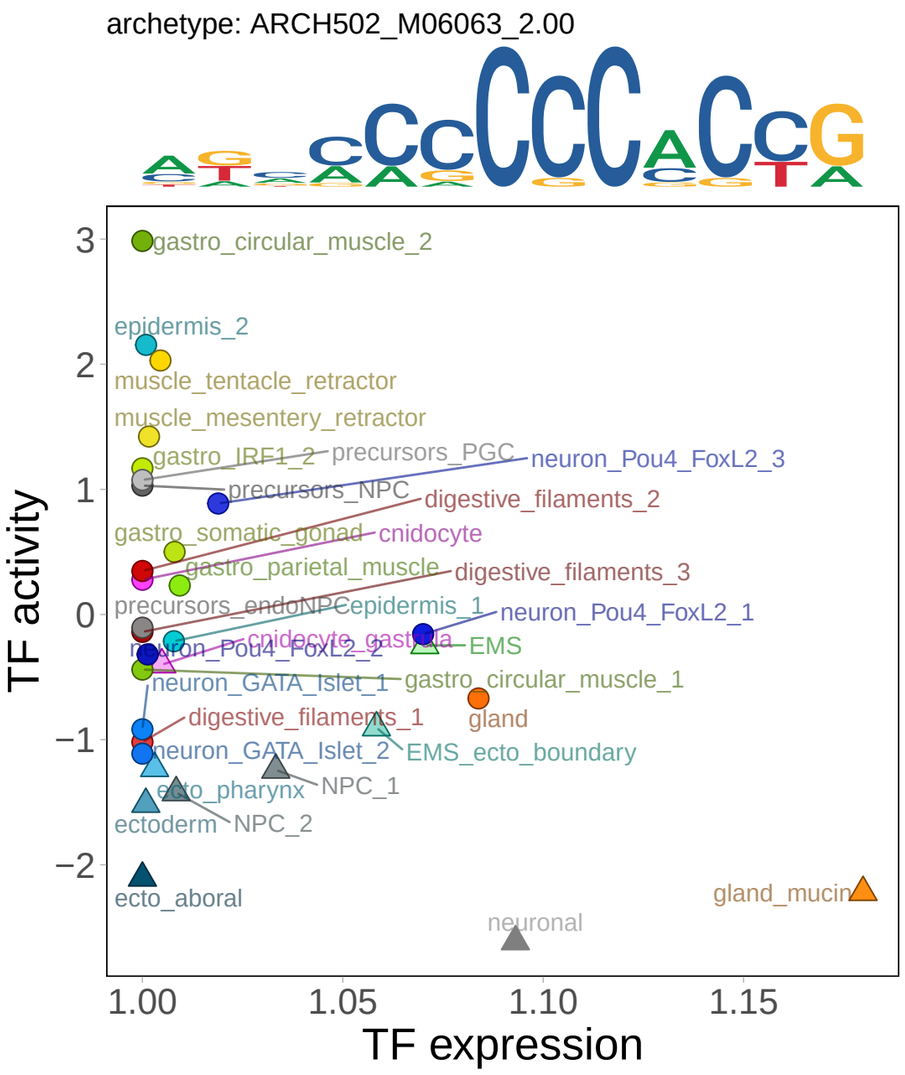




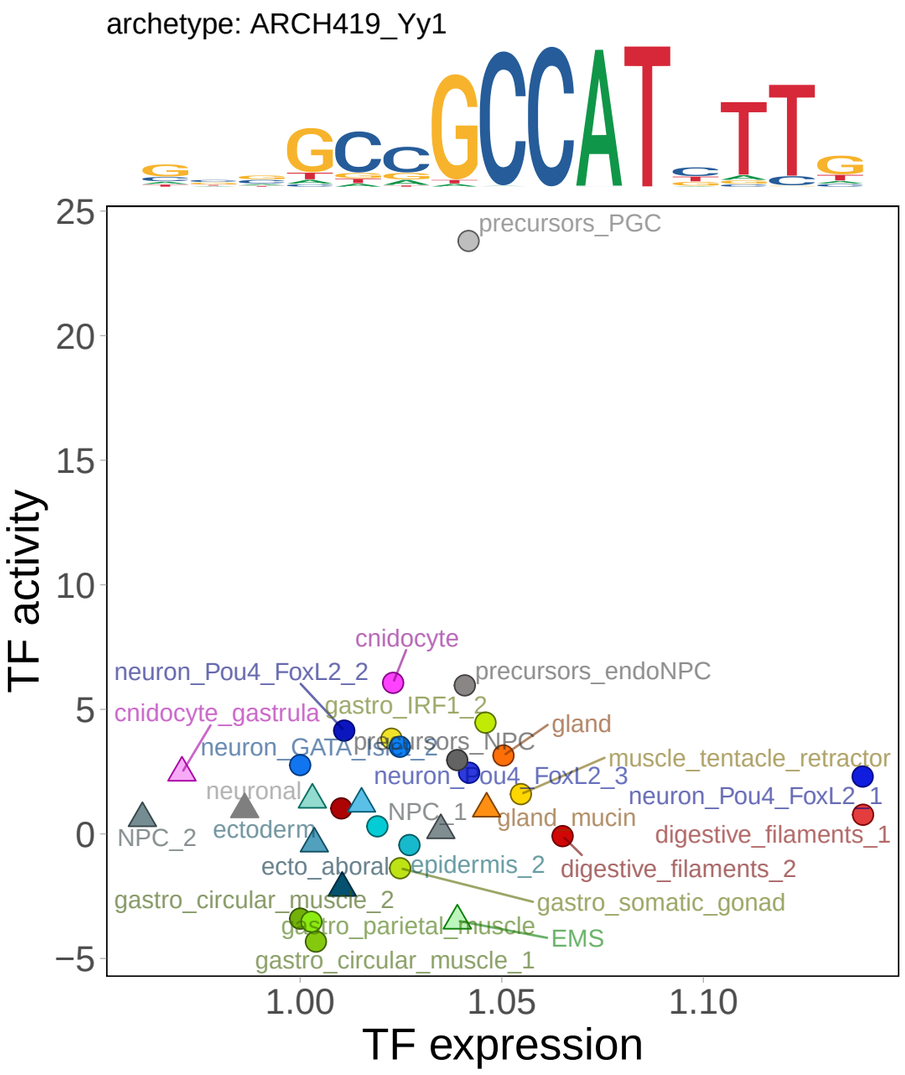
Nvec_vc1.1_XM_001639705.3
OG: zf−C2H2.HG1.30:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



Nvec_vc1.1_XM_001639717.3
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

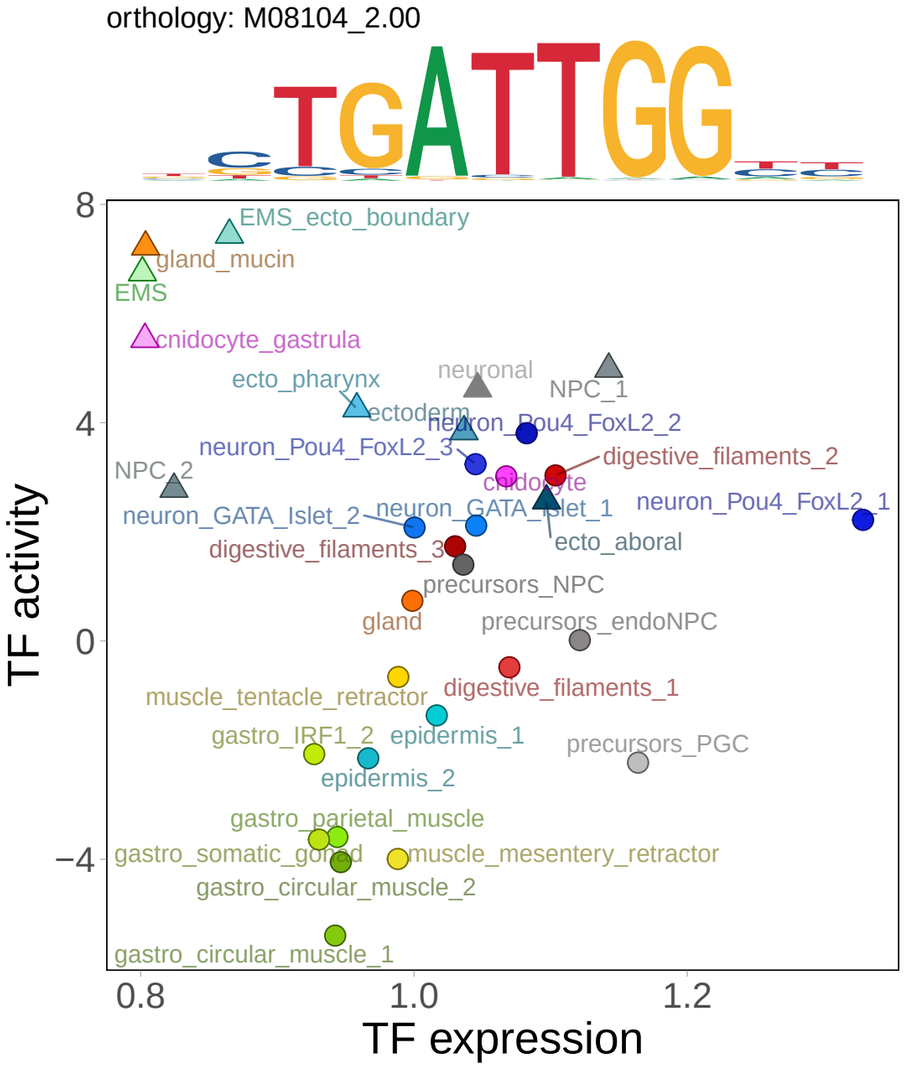


Nvec_vc1.1_XM_001639766.3
OG: zf−C2H2.HG3.18:like:HINFP/HIVEP2/HIVEP3/RREB1/YY1/YY2/ZFP42/ZFPM1/ZNF148/ZNF281/ZNF4
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2

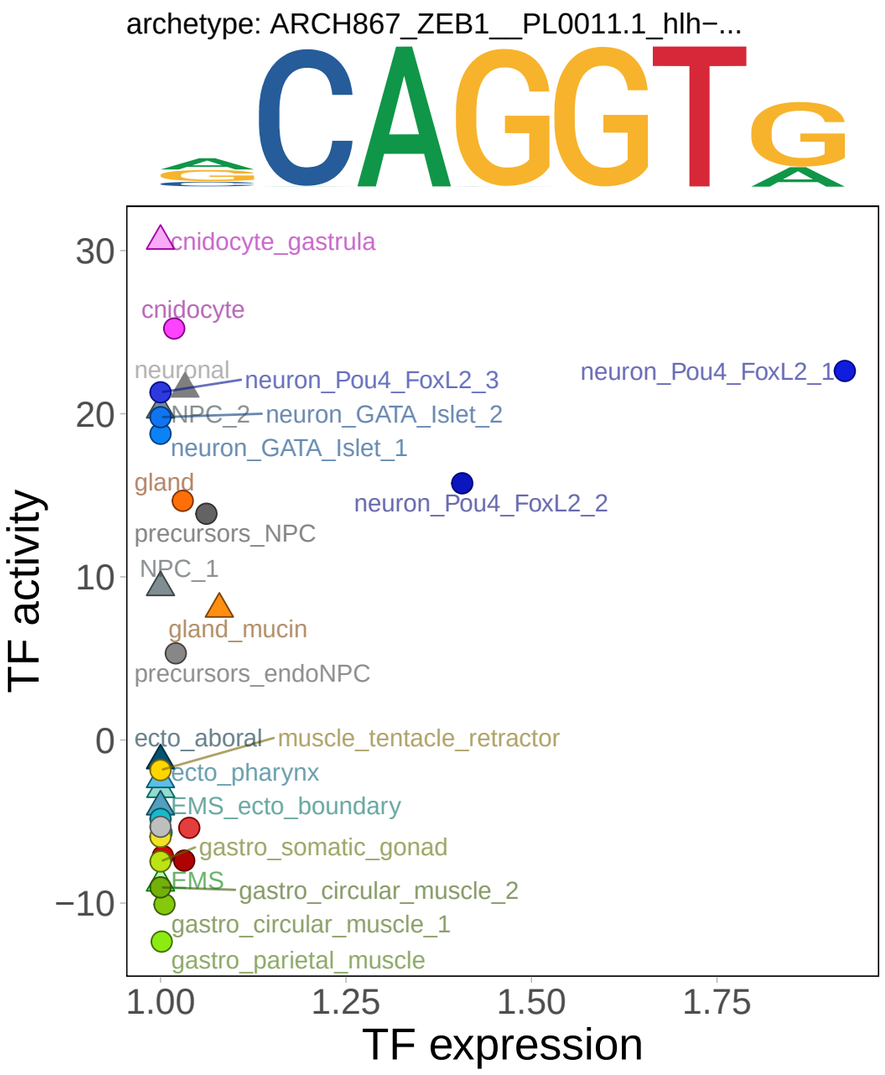


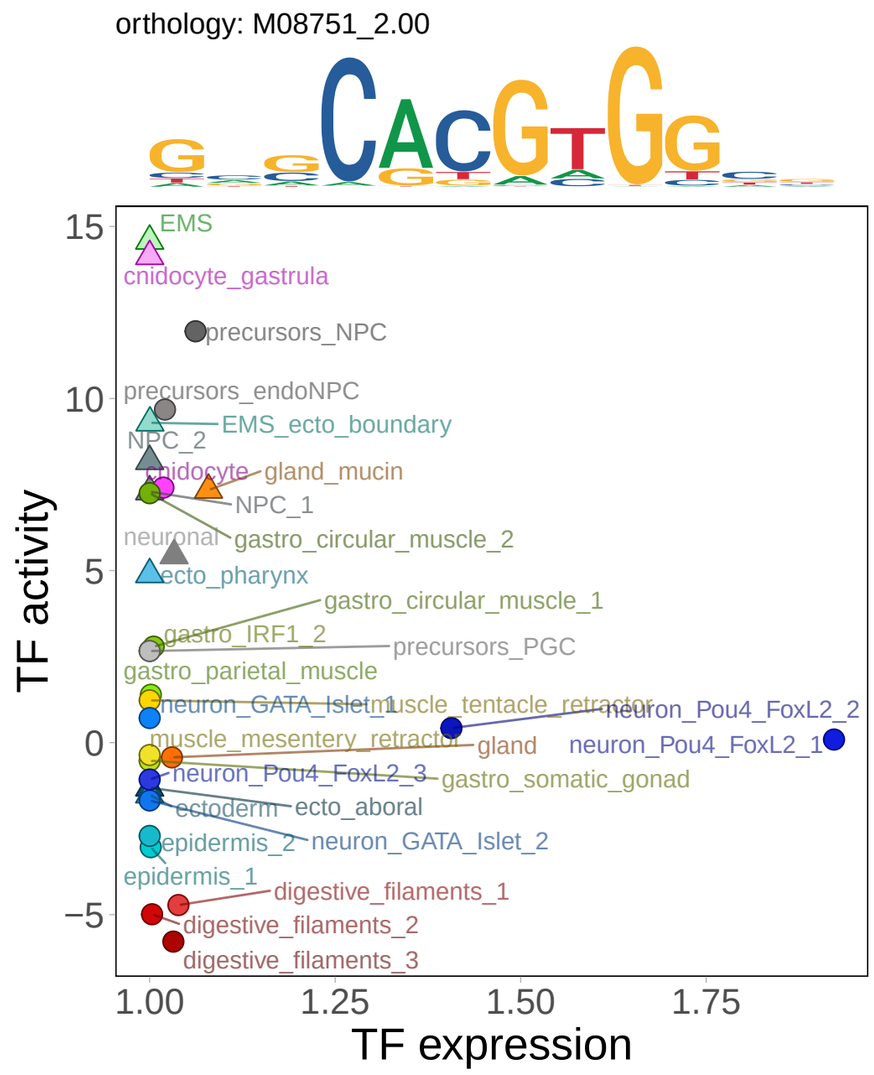
Nvec_vc1.1_XM_001640726.3
OG: NFYA.HG1.2:like:NFYA
PFAM: CBFB_NFYA

orthology: M08104_2.00

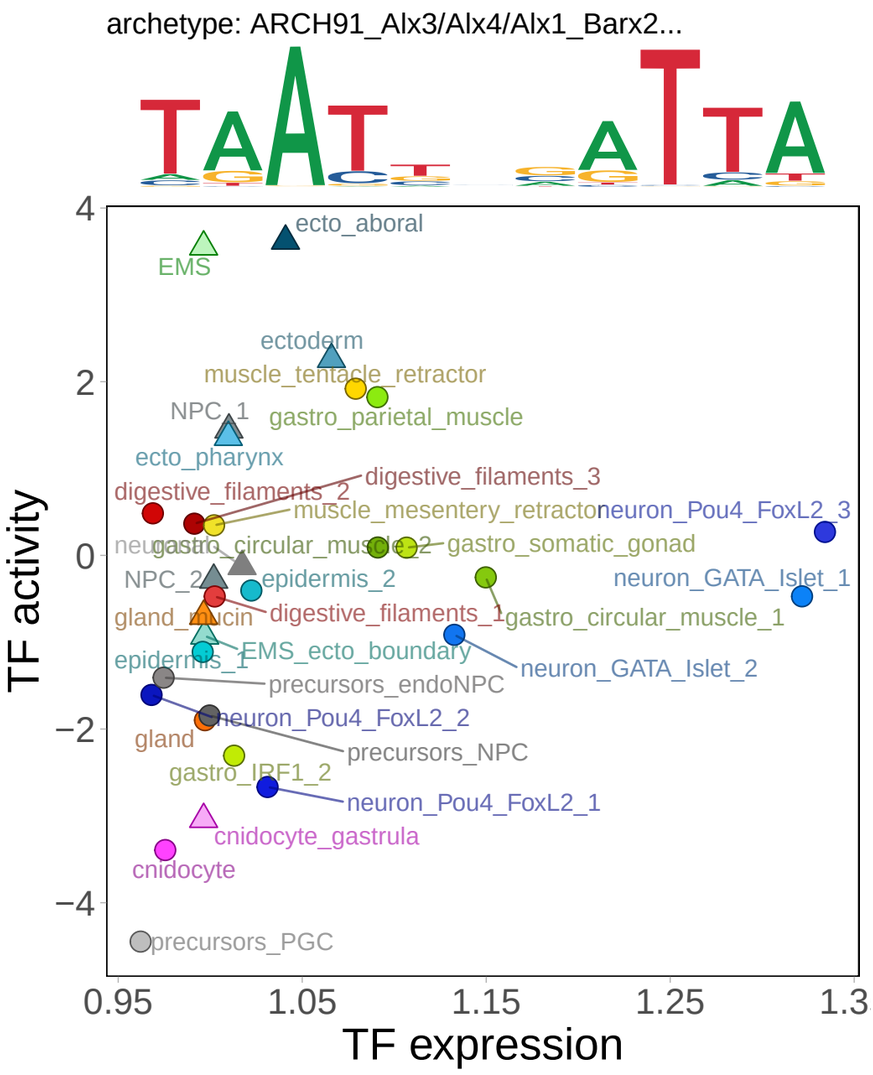


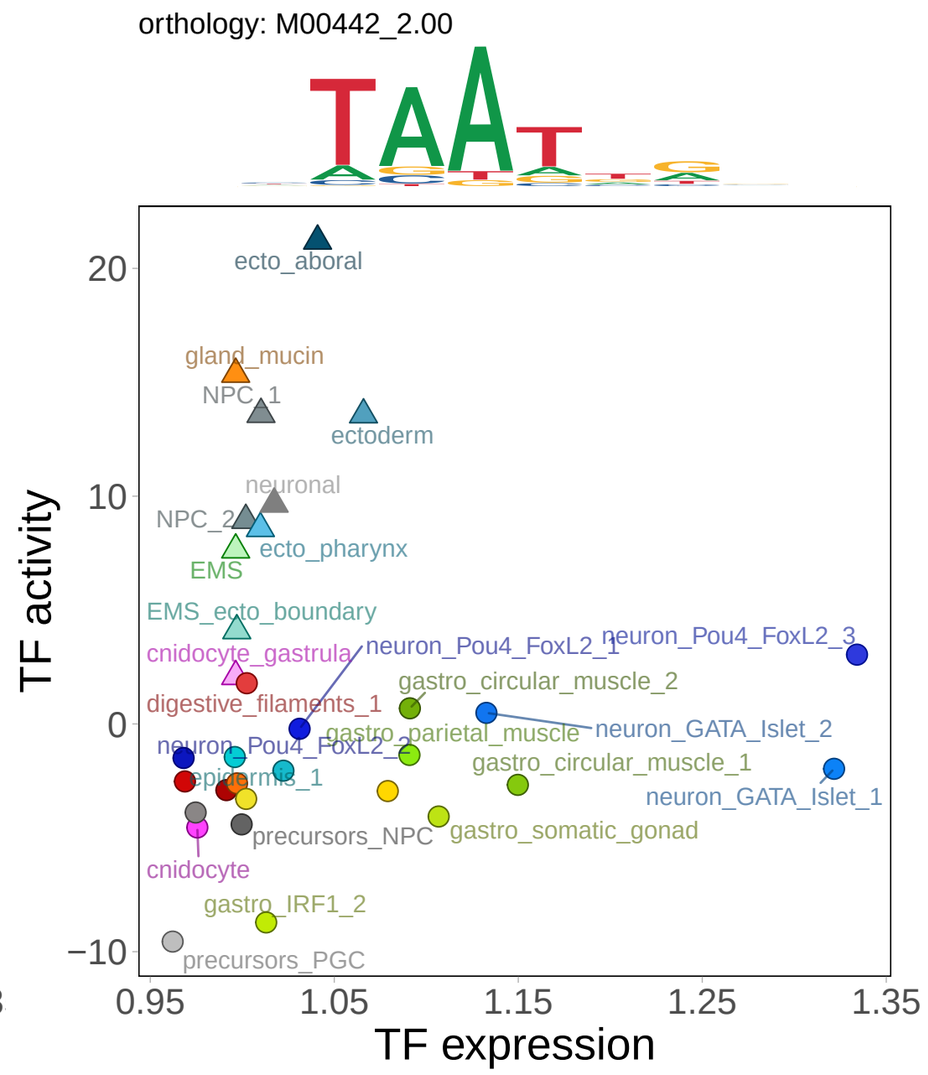
Nvec_vc1.1_XM_001640743.3
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH





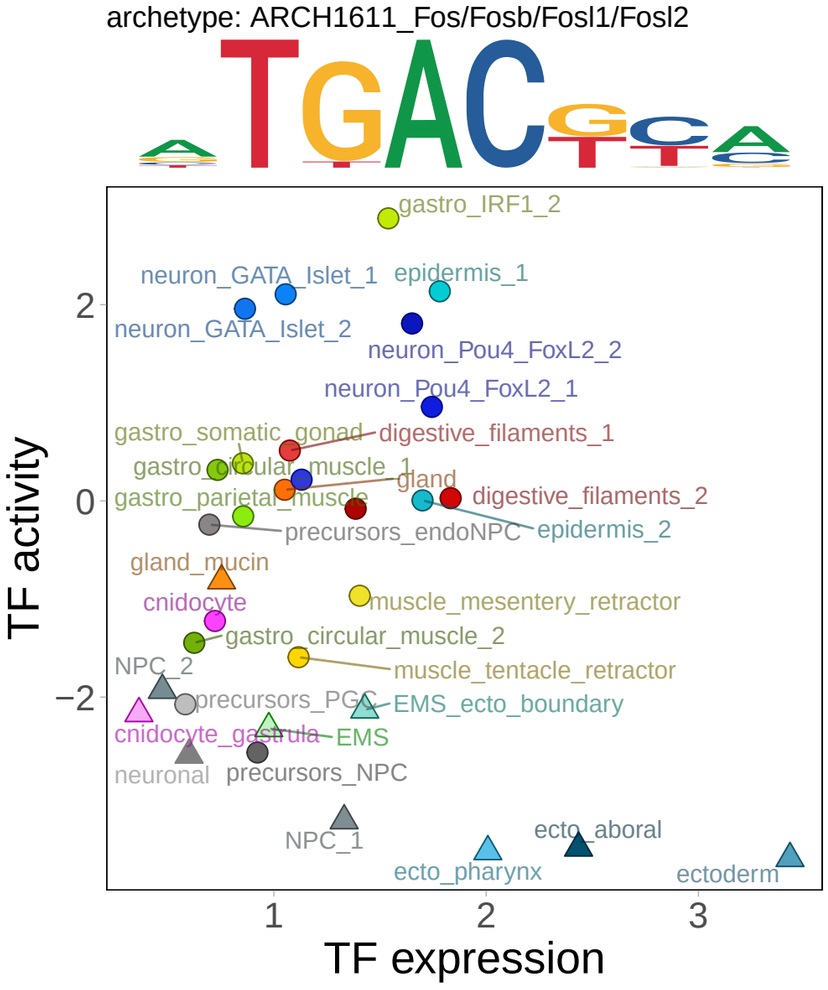
Nvec_vc1.1_XM_001640781.3
OG: Homeodomains.HG1.41:NKX1−1/NKX1−2
PFAM: Homeodomain



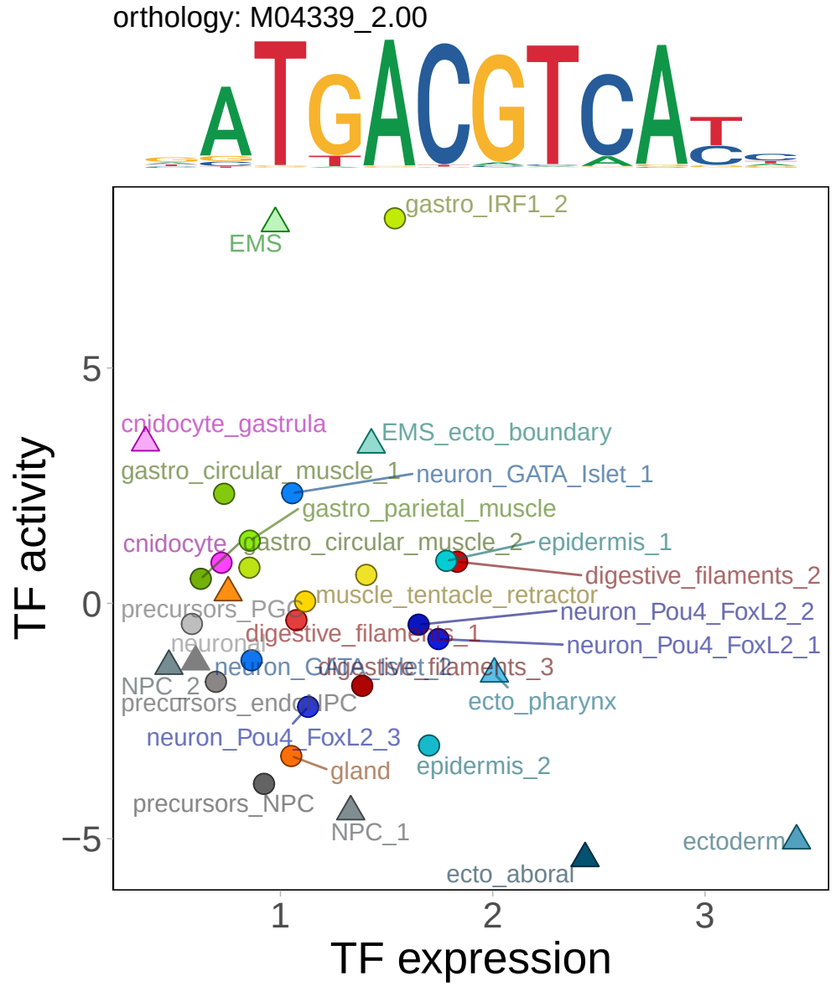


Nvec_vc1.1_XM_001640853.3
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1

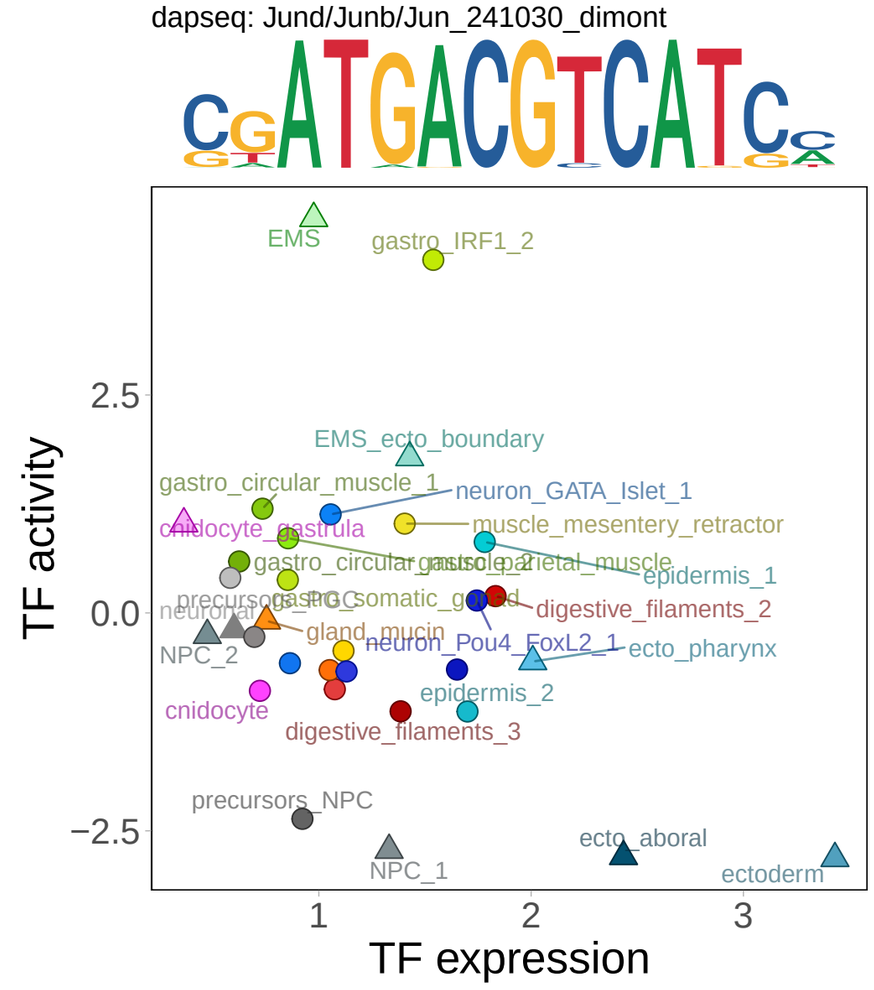
archetype: ARCH1611_Fos/Fosb/Fosl1/Fosl2



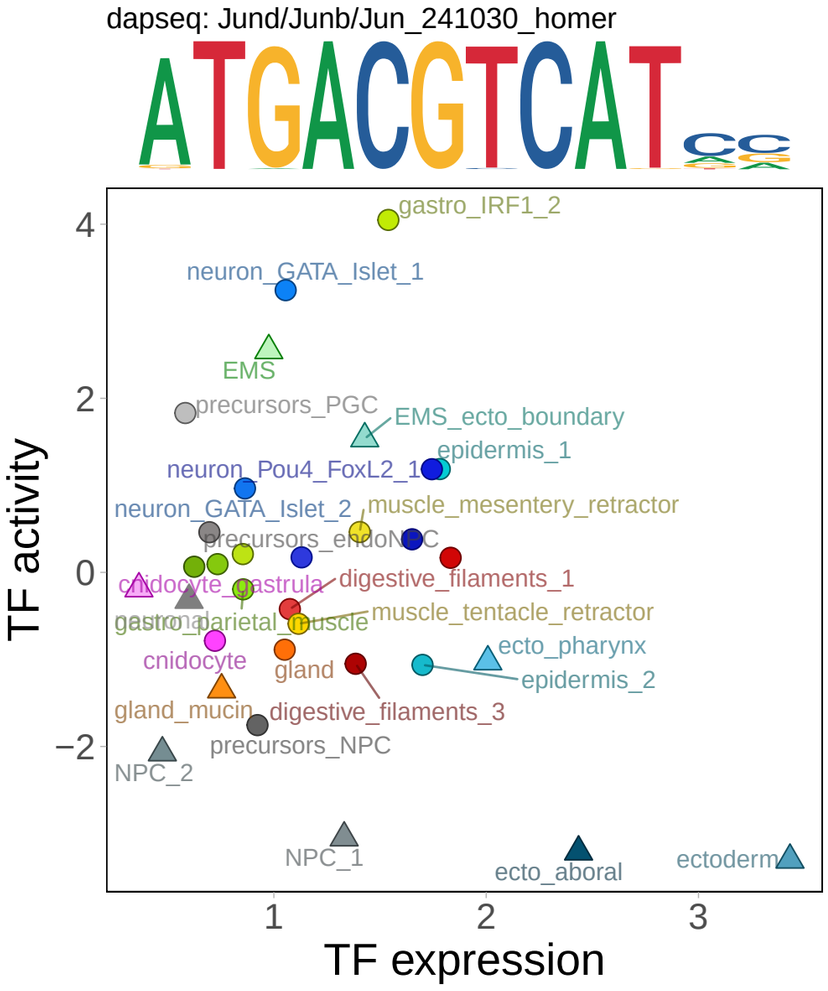
orthology: M04339_2.00



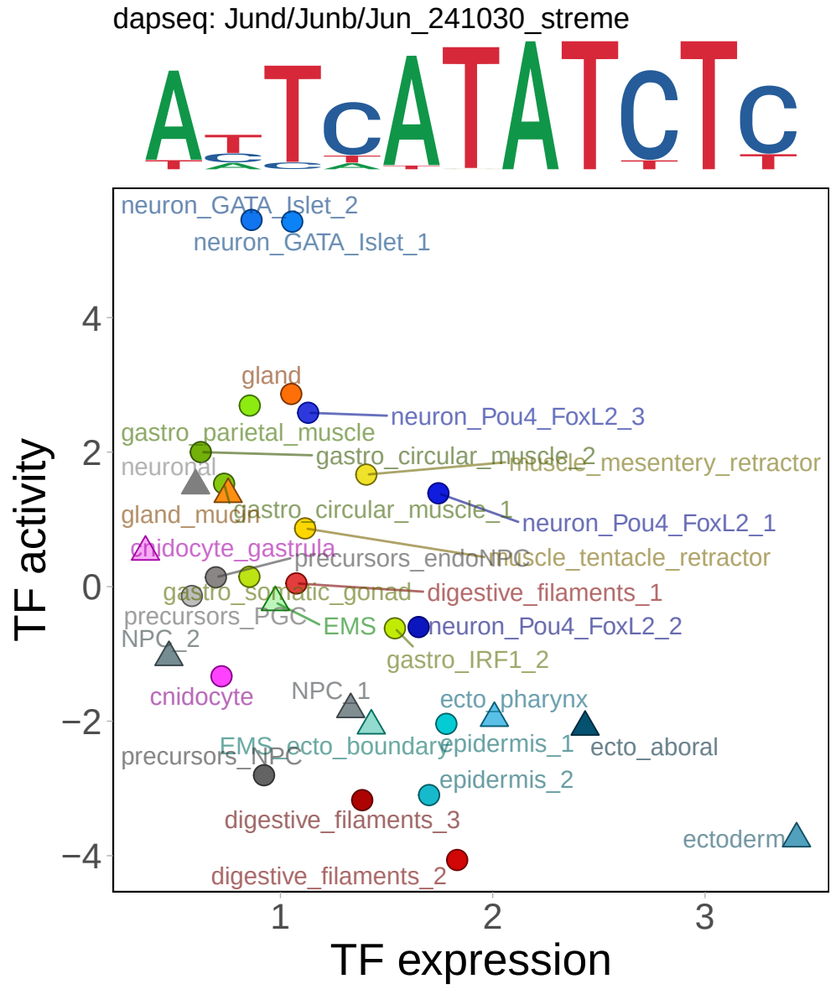
dapseq: Jund/Junb/Jun_241030_dimont



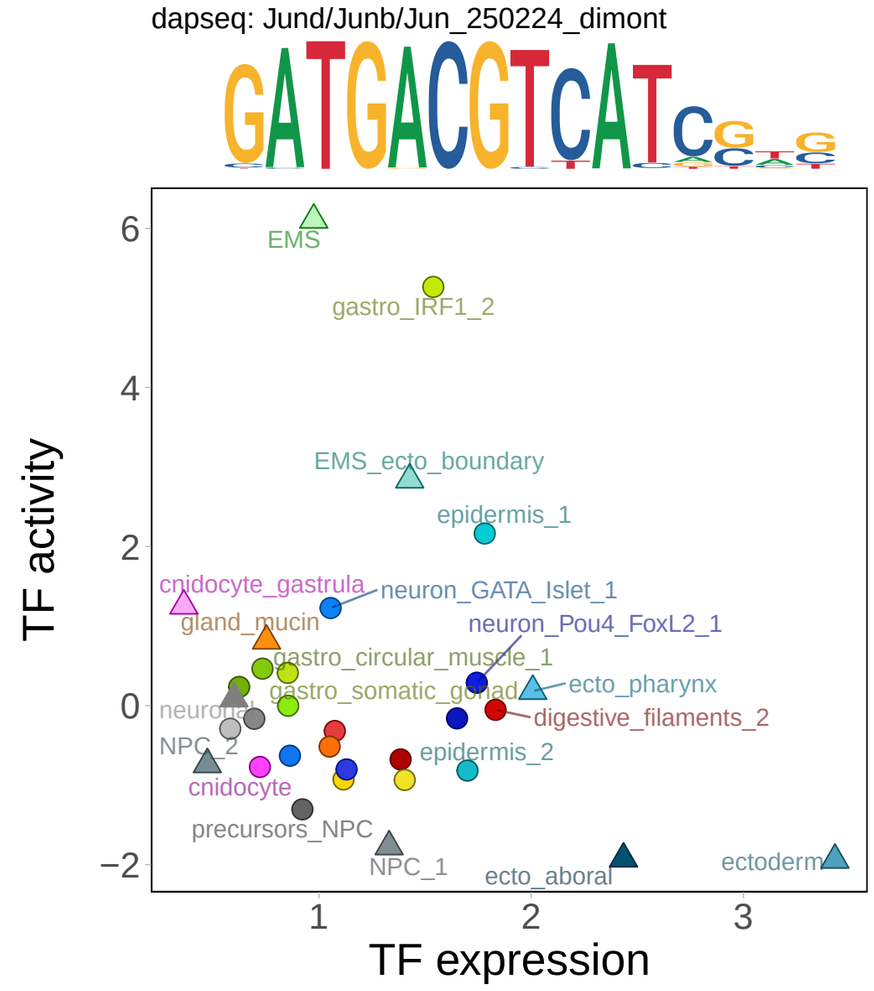
dapseq: Jund/Junb/Jun_241030_homer



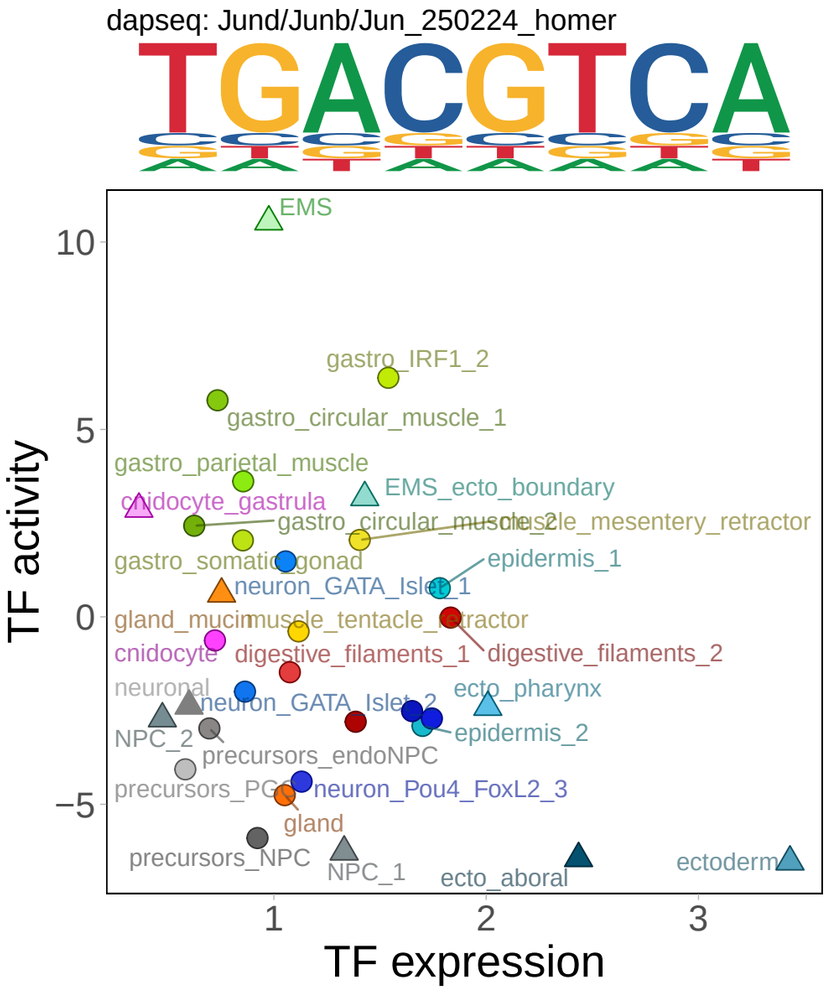
dapseq: Jund/Junb/Jun_241030_streme



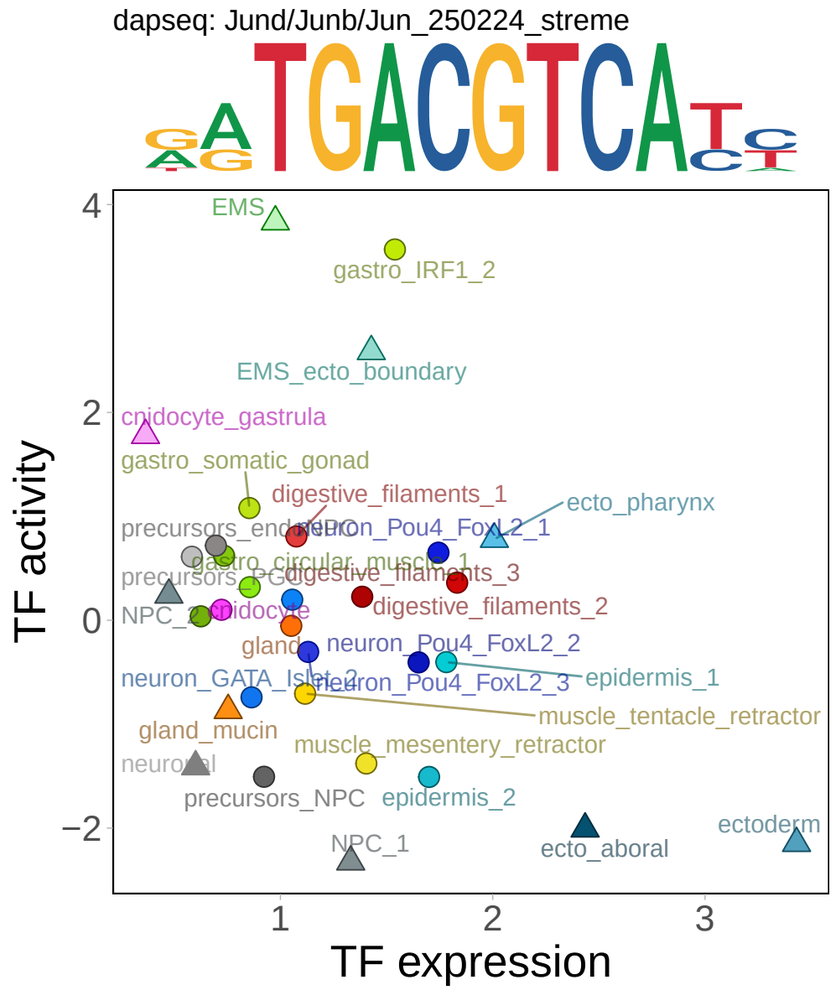
dapseq: Jund/Junb/Jun_250224_dimont



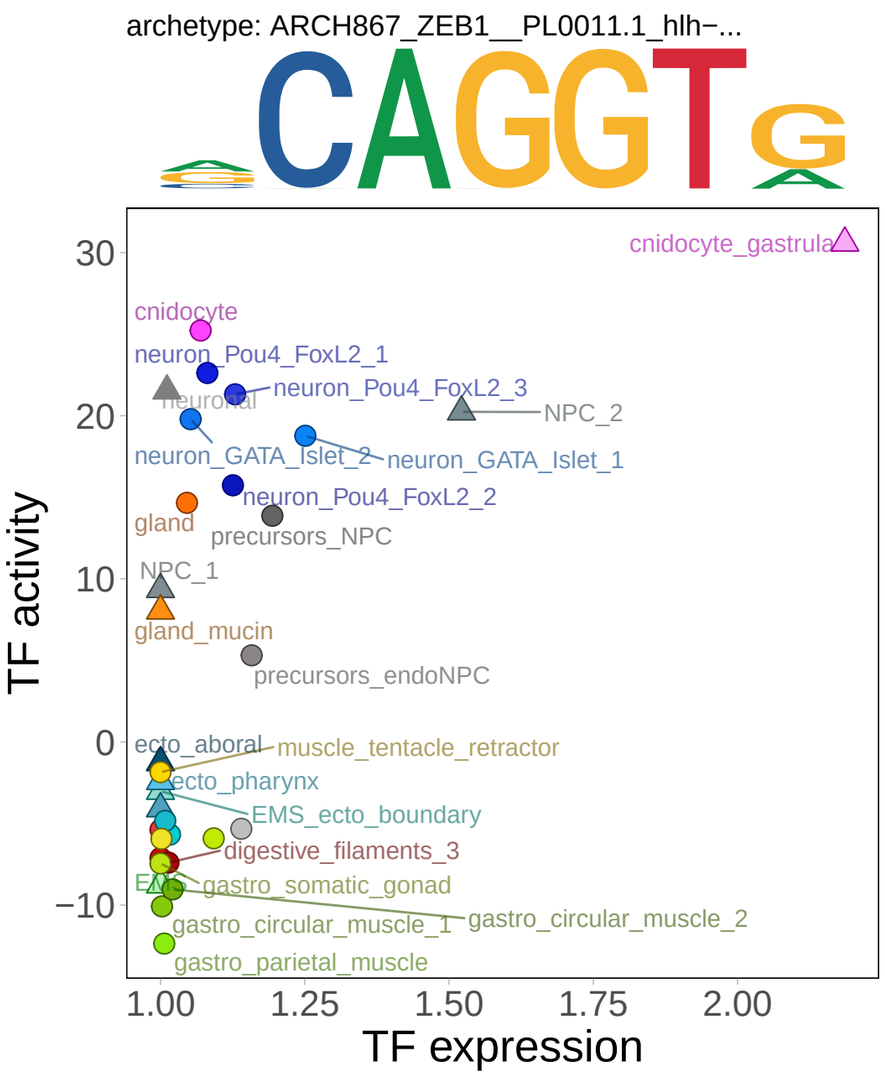
dapseq: Jund/Junb/Jun_250224_homer

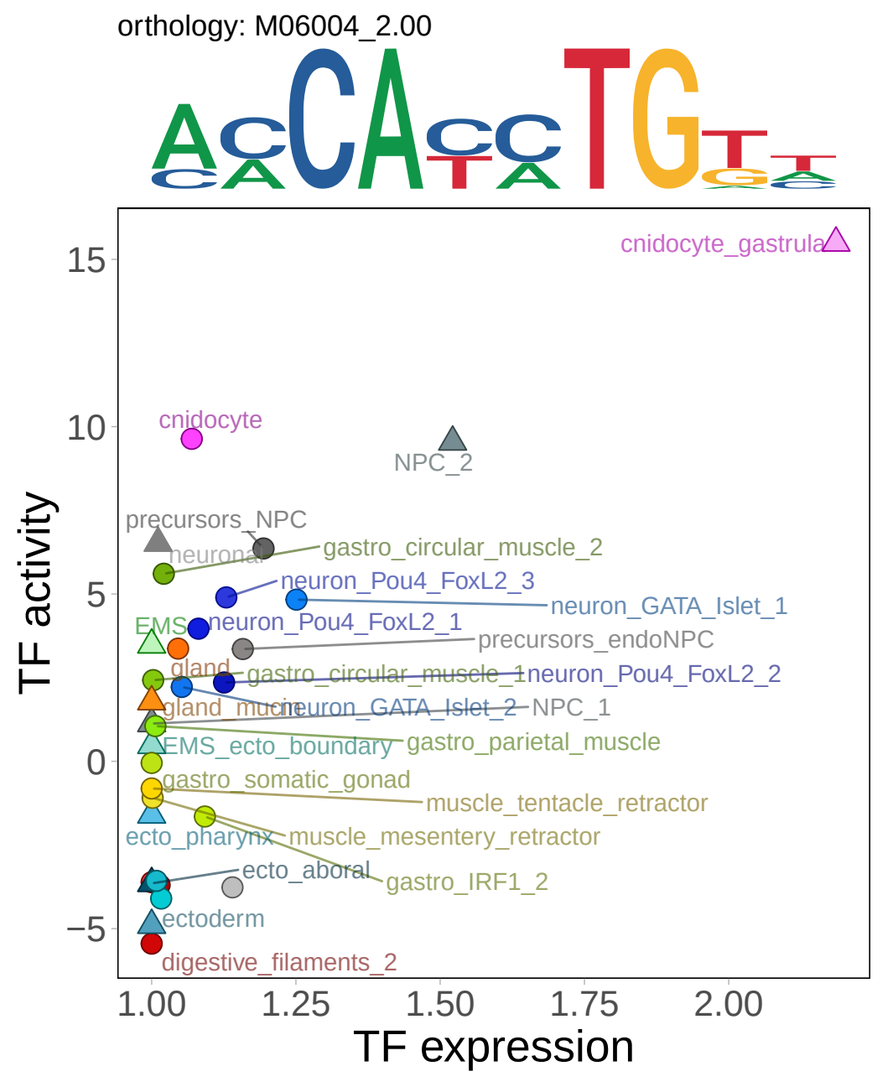


dapseq: Jund/Junb/Jun_250224_streme



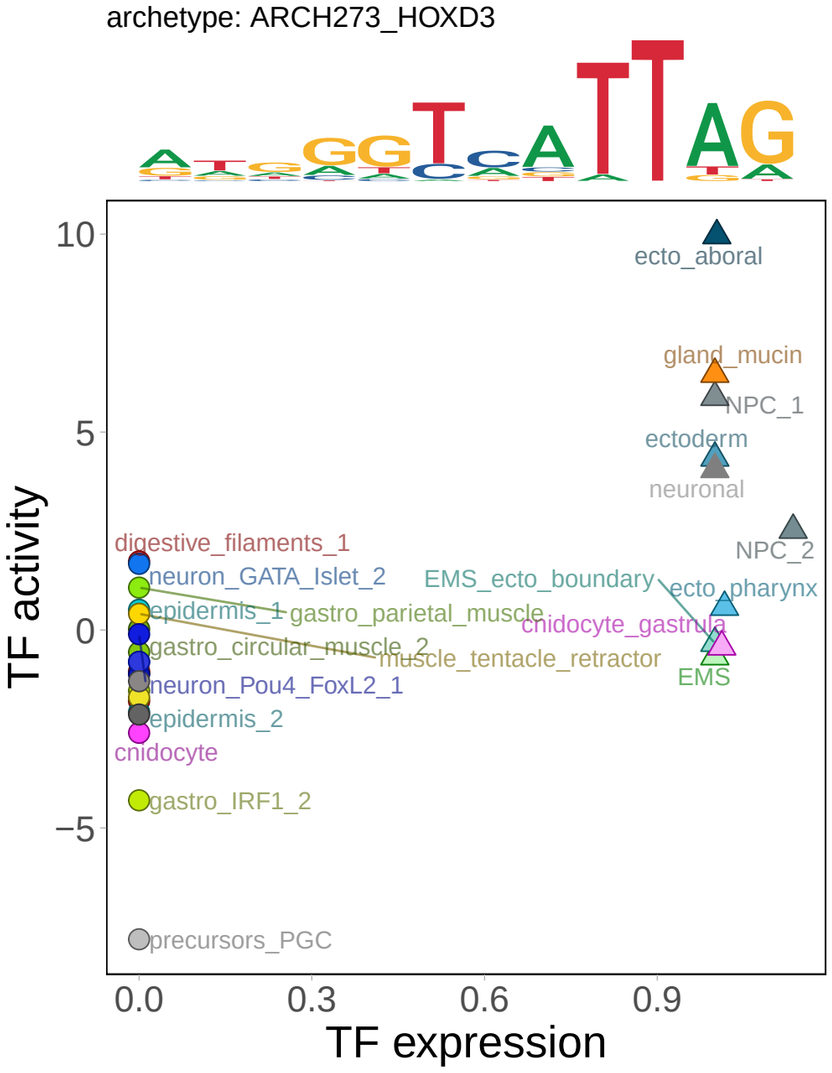
Nvec_vc1.1_XM_001640990.3
OG: HLH.HG1.77:like:NEUROD1/NEUROD2/NEUROD4/NEUROD6
PFAM: HLH



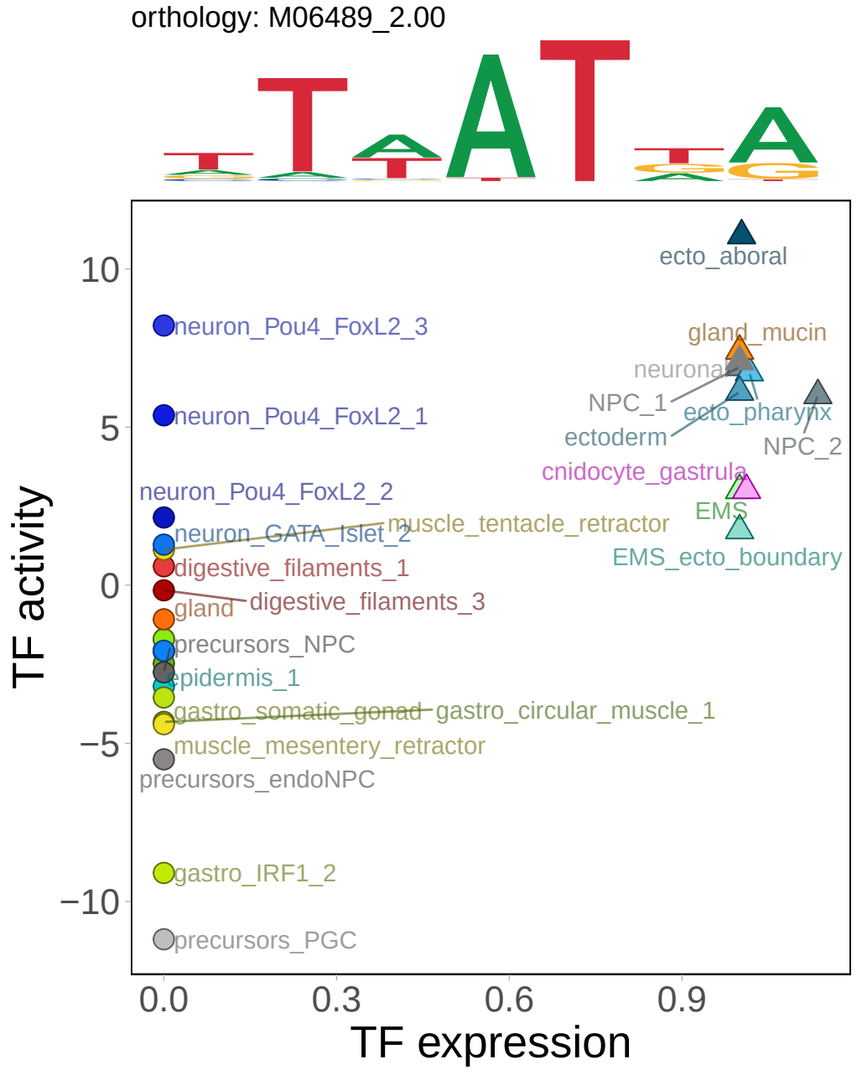


Nvec_vc1.1_XM_001641032.3
OG: Homeodomains.HG1.18:NANOG/NANOGP8
PFAM: Homeodomain

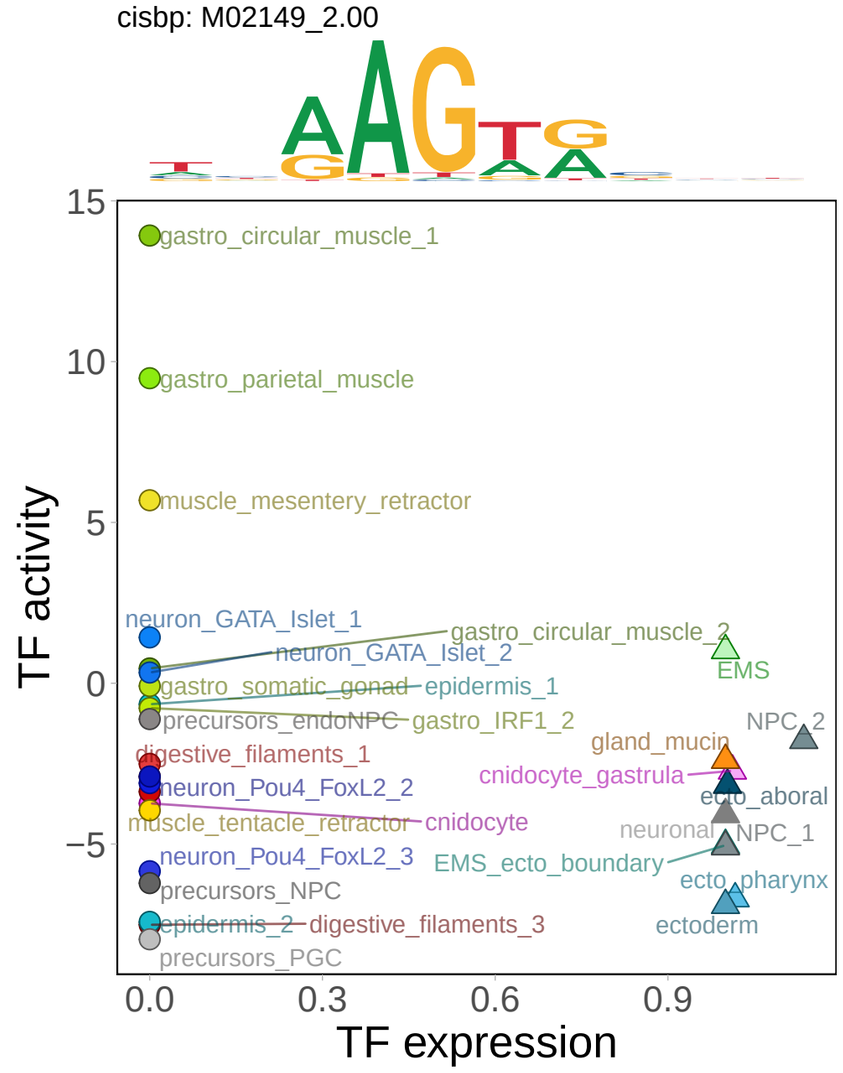
archetype: ARCH273_HOXD3



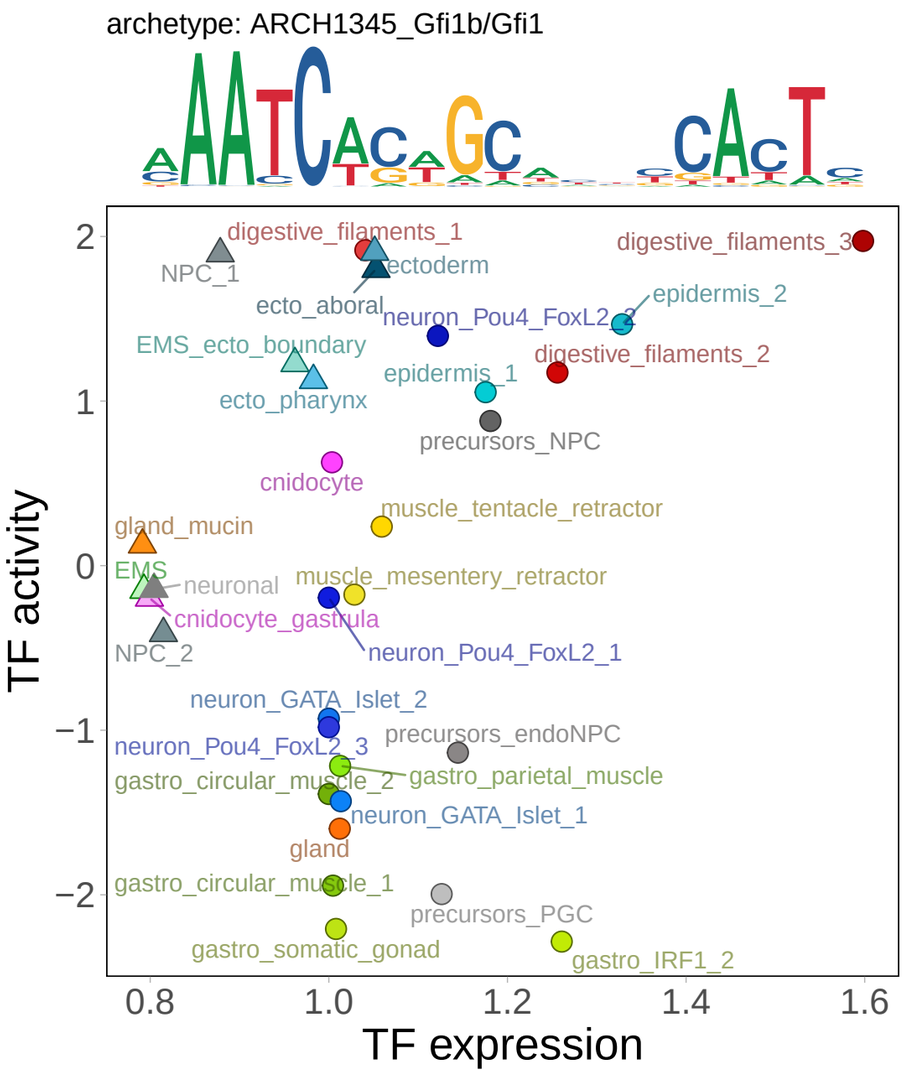
orthology: M06489_2.00



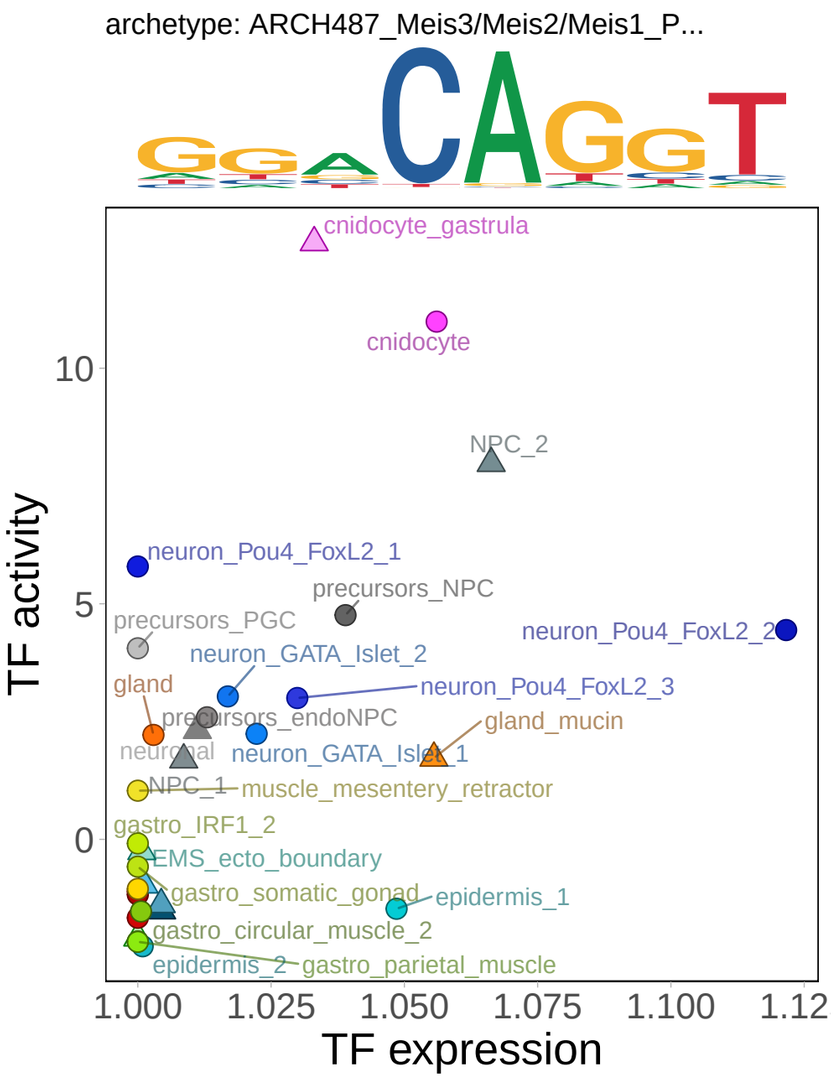
cisbp: M02149_2.00

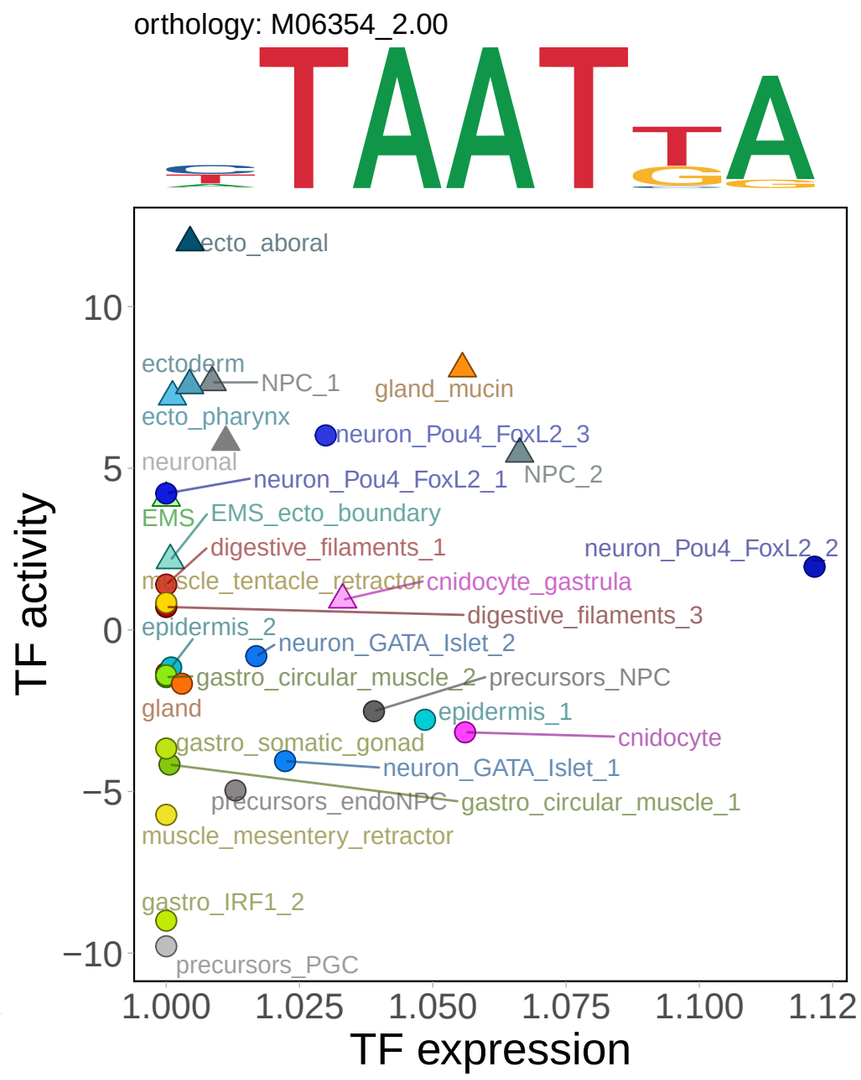


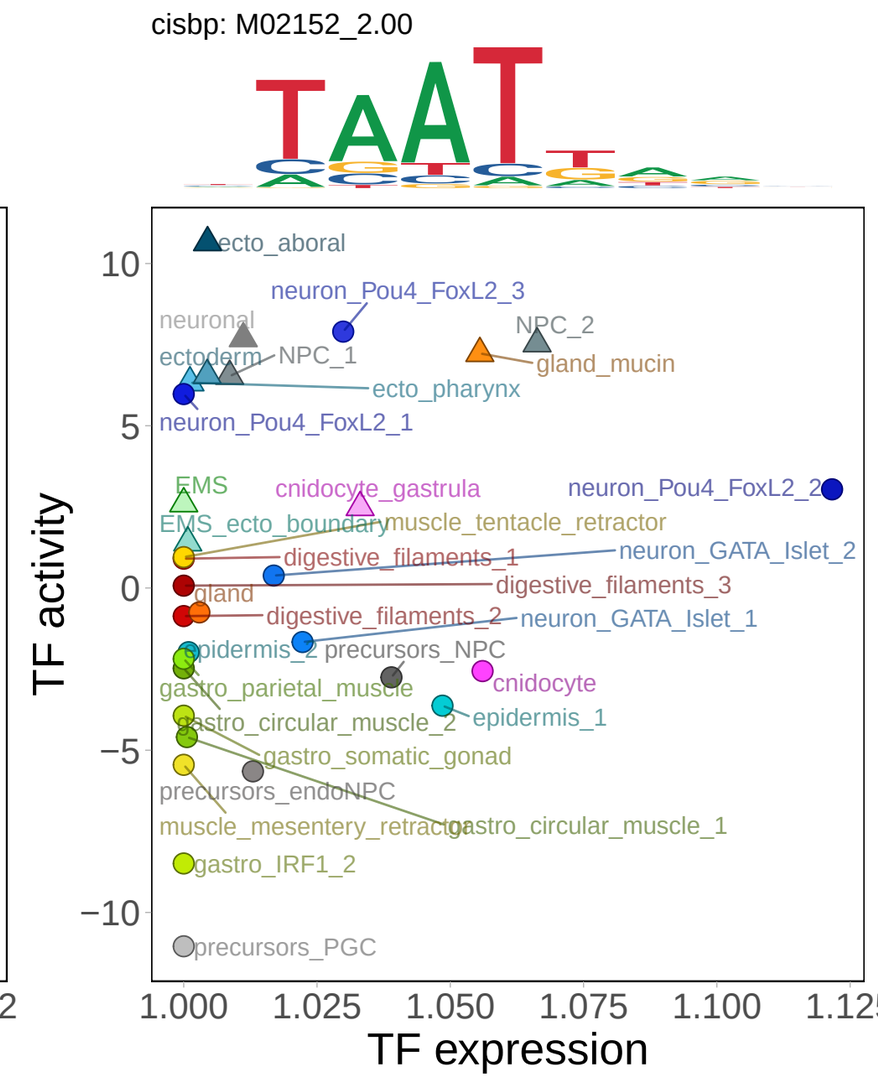
Nvec_vc1.1_XM_001641086.3
OG: zf−C2H2.HG7.5:SNAI1/SNAI2/SNAI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



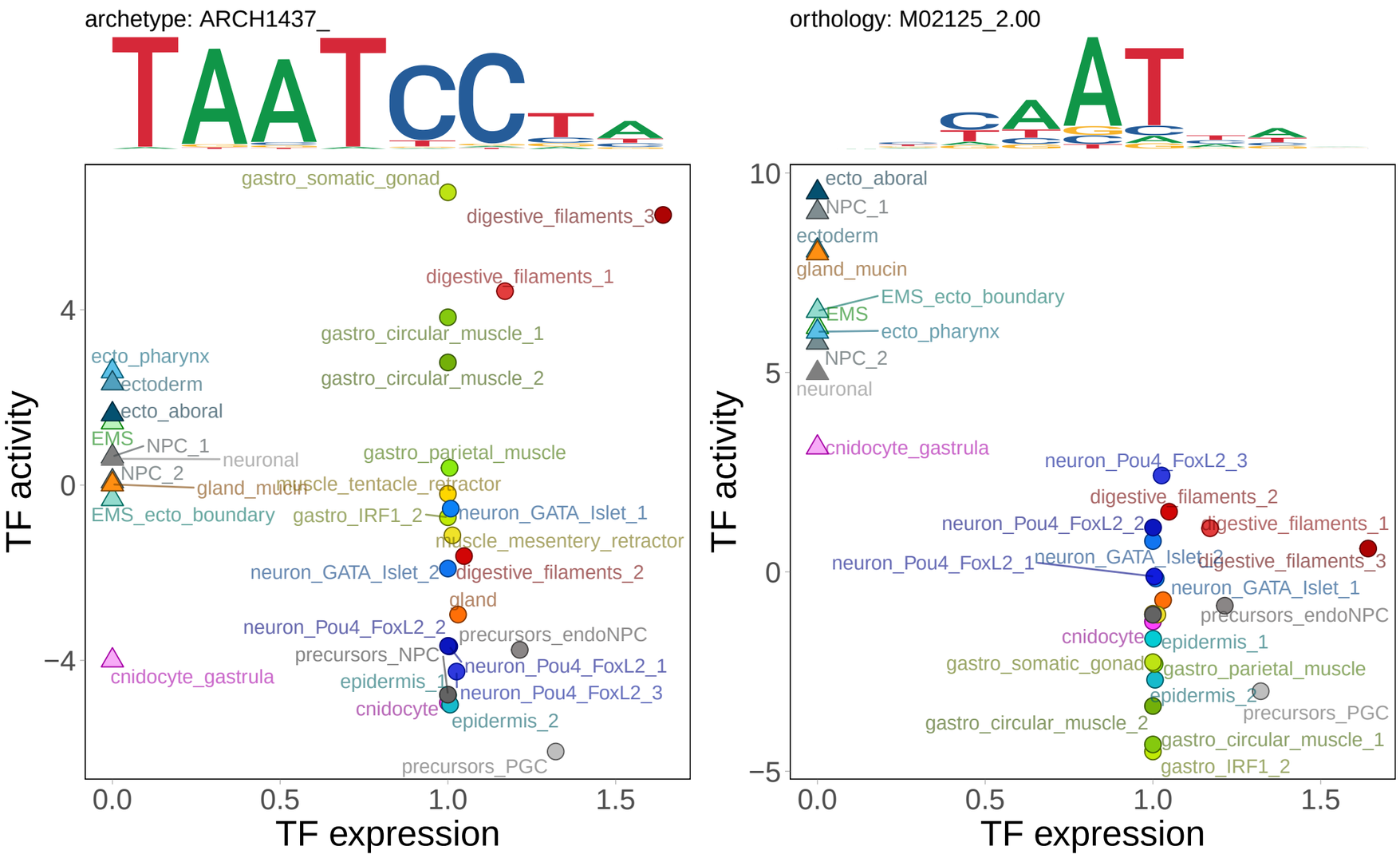
Nvec_vc1.1_XM_001641264.3
OG: Homeodomains.HG1.61:NOTO
PFAM: Homeodomain



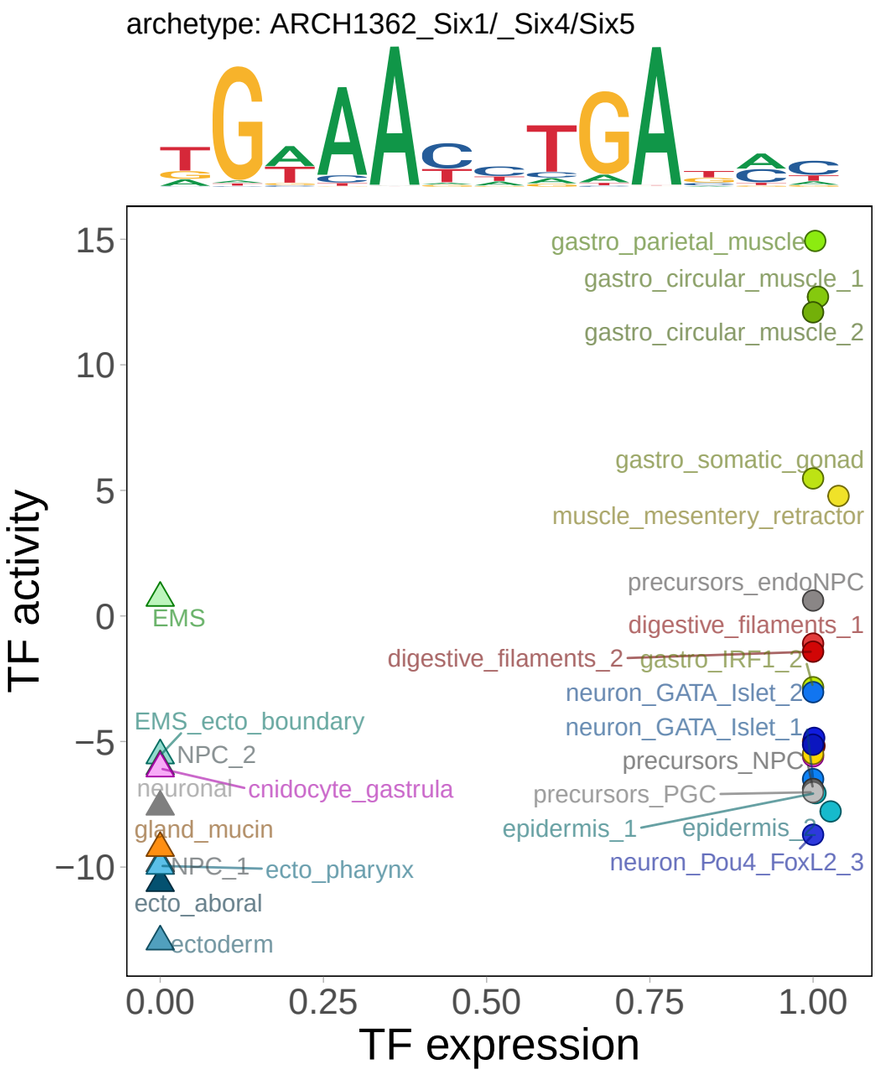


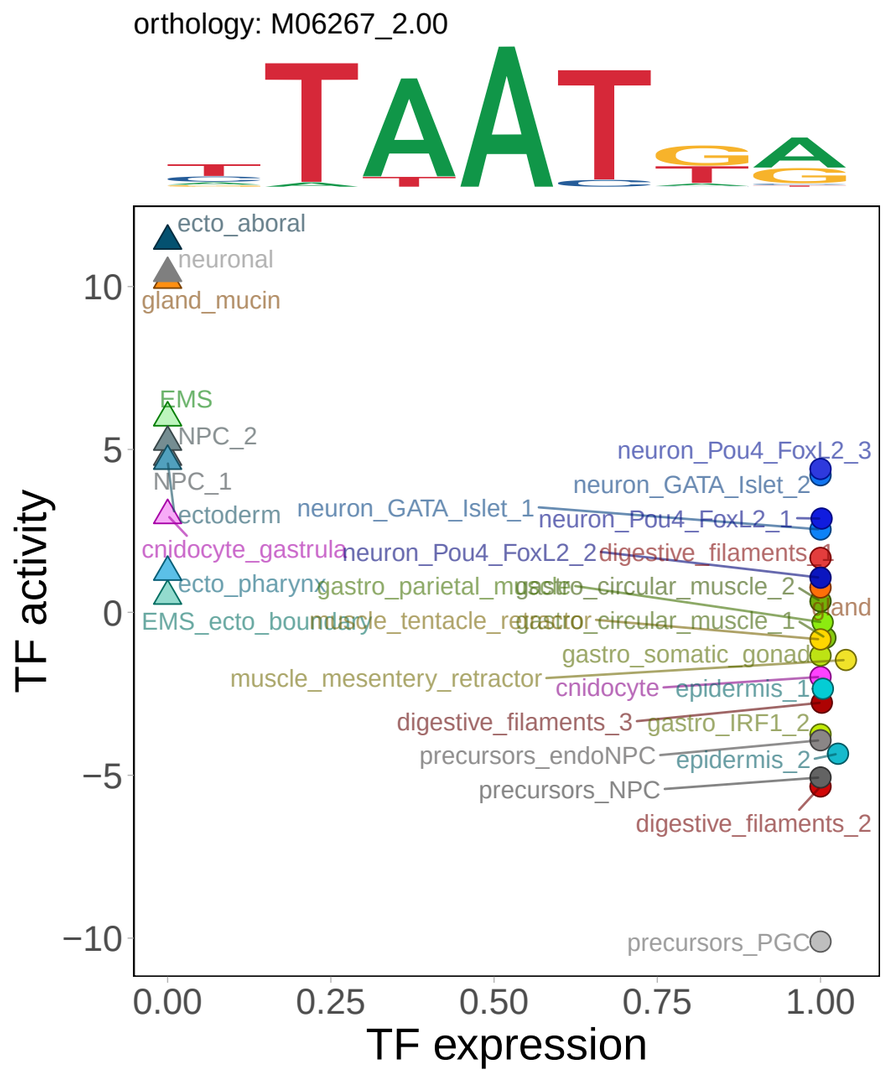


Nvec_vc1.1_XM_001641552.3
OG: Homeodomains.HG1.47:like:MSX1/MSX2
PFAM: Homeodomain

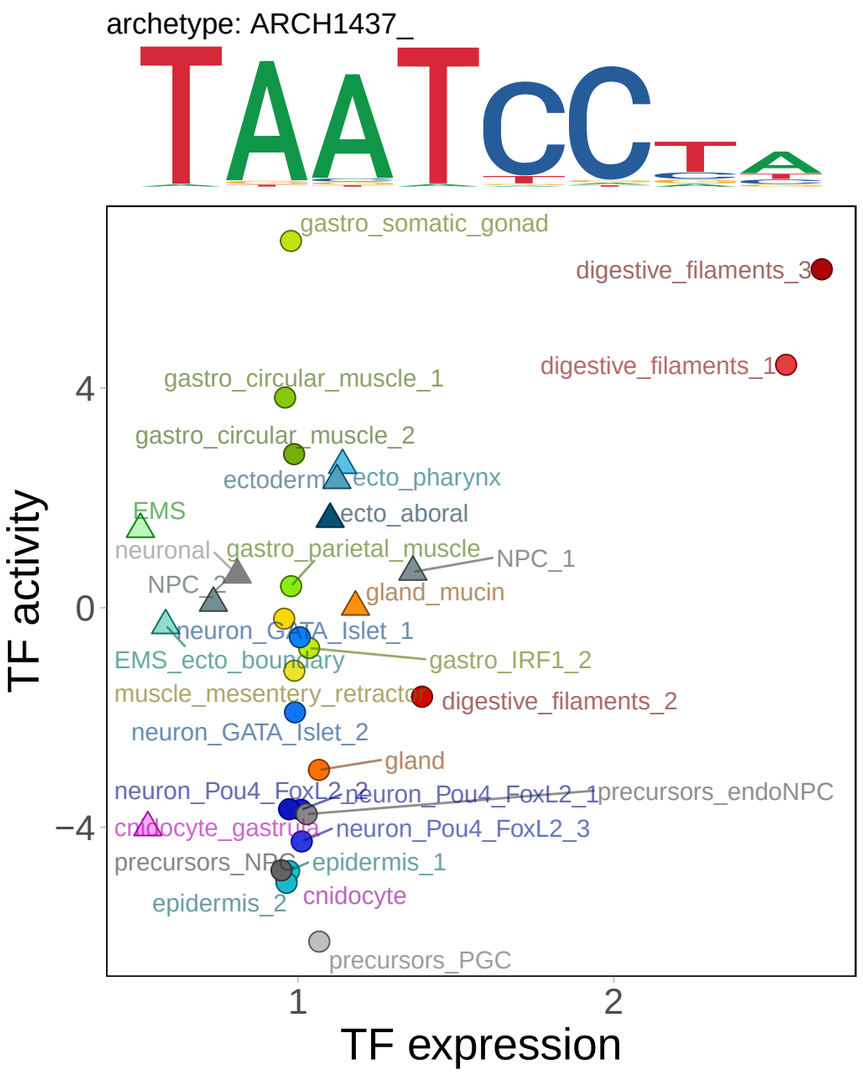


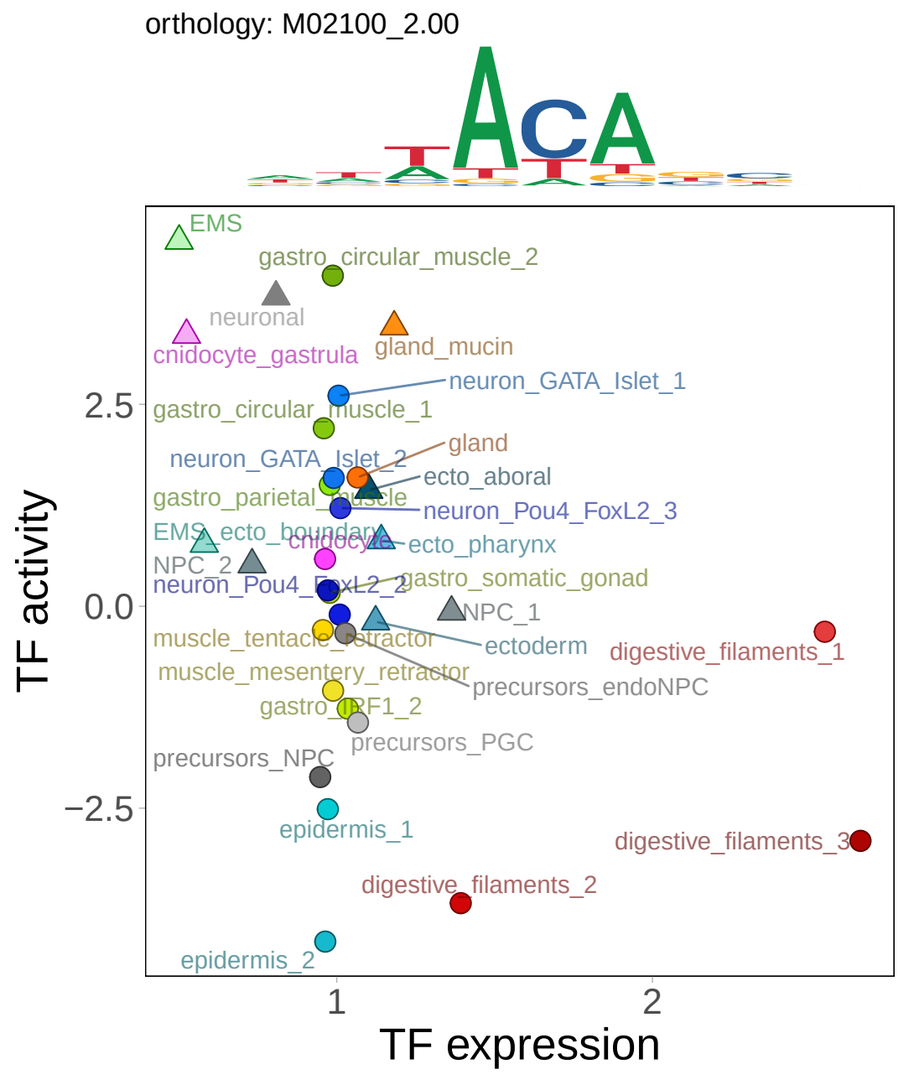
Nvec_vc1.1_XM_001641575.3
OG: Homeodomains.HG1.68:AC004080.3/AC012531.3/CDX1/CDX2/CDX4/HOXA4/HOXA5/HOXA6/HOXA7
PFAM: Homeodomain



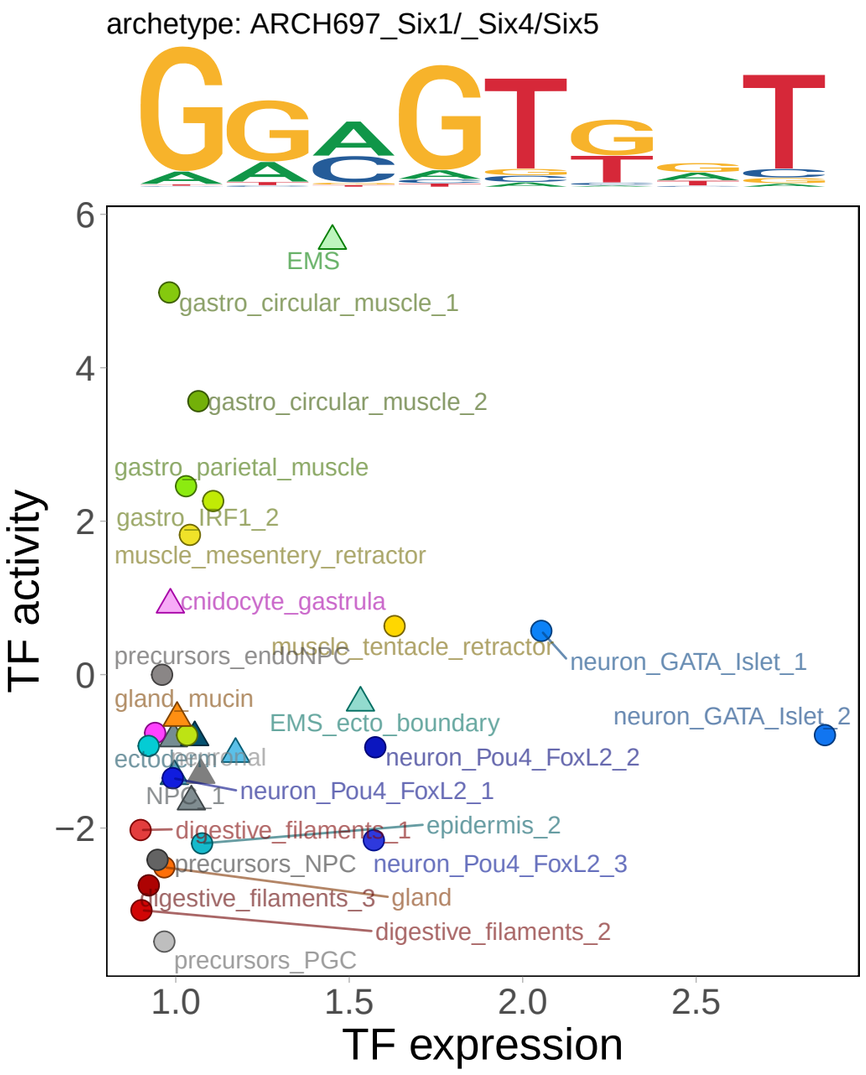


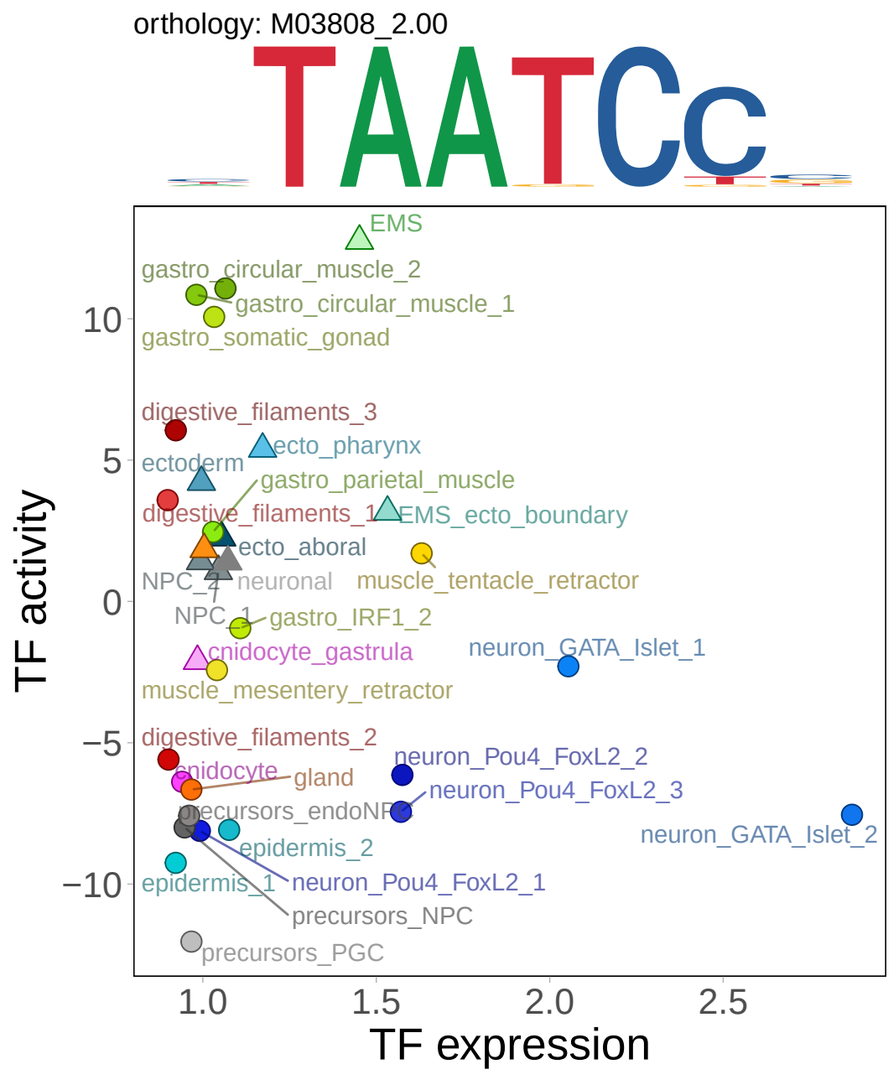
Nvec_vc1.1_XM_001641660.3
OG: Homeodomains.HG2.64:PITX1/PITX2/PITX3
PFAM: Homeodomain



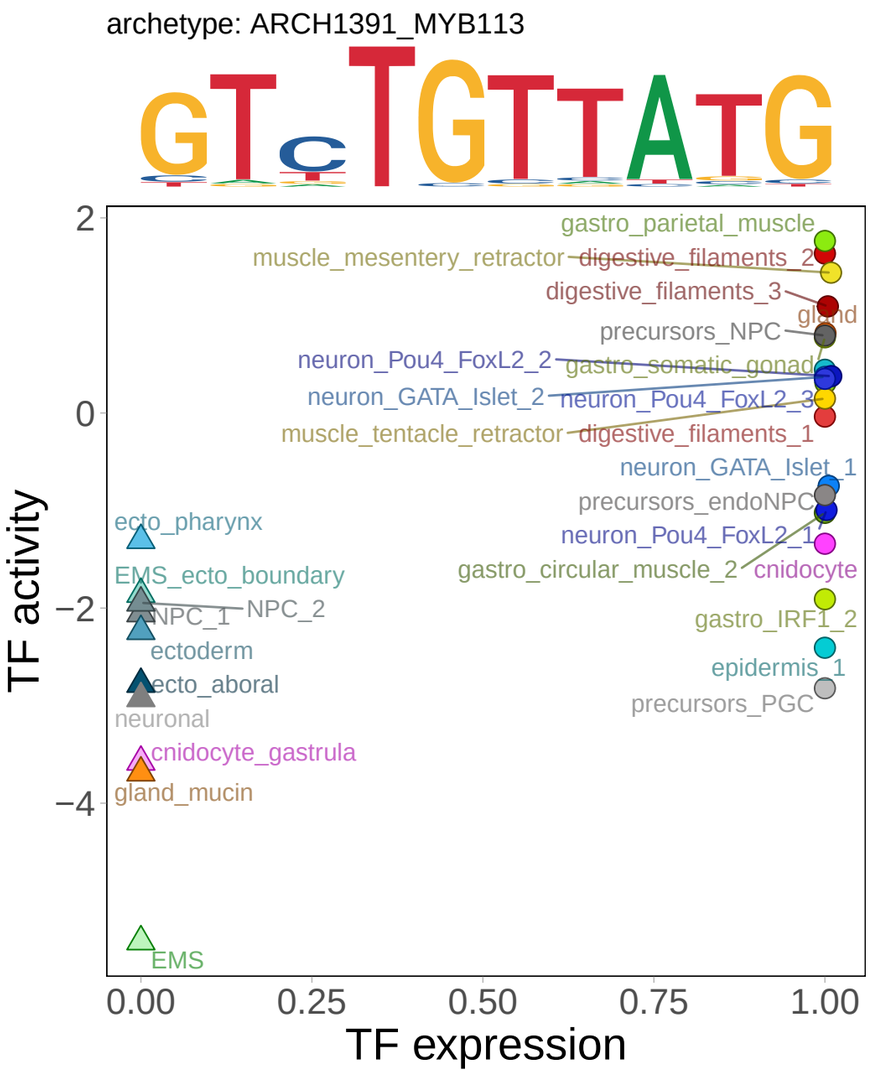


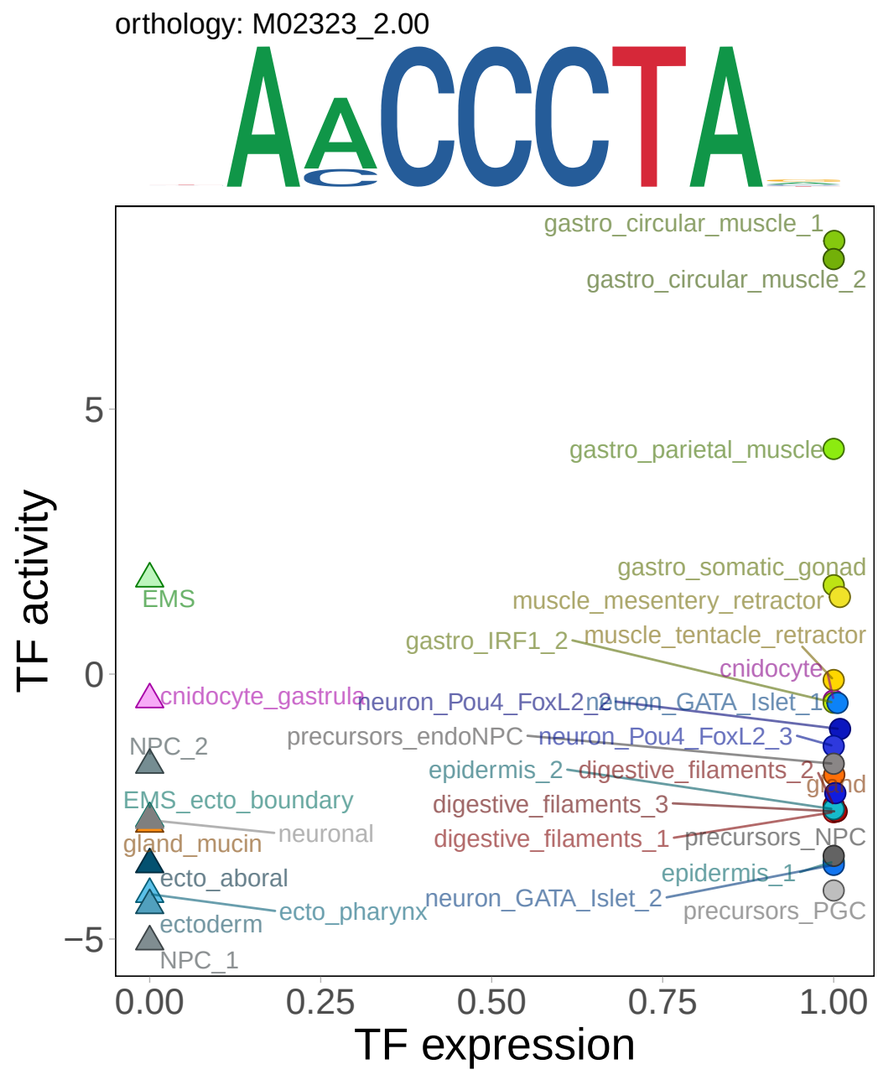
Nvec_vc1.1_XM_001647488.3
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain



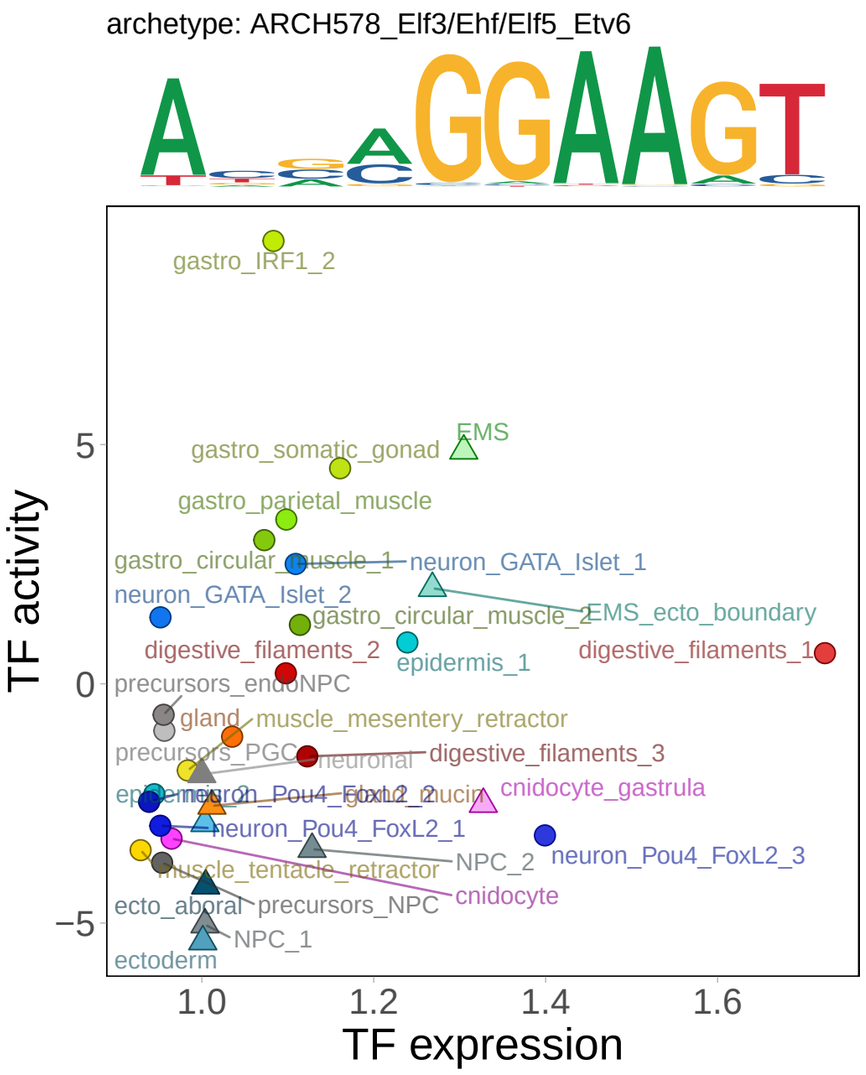


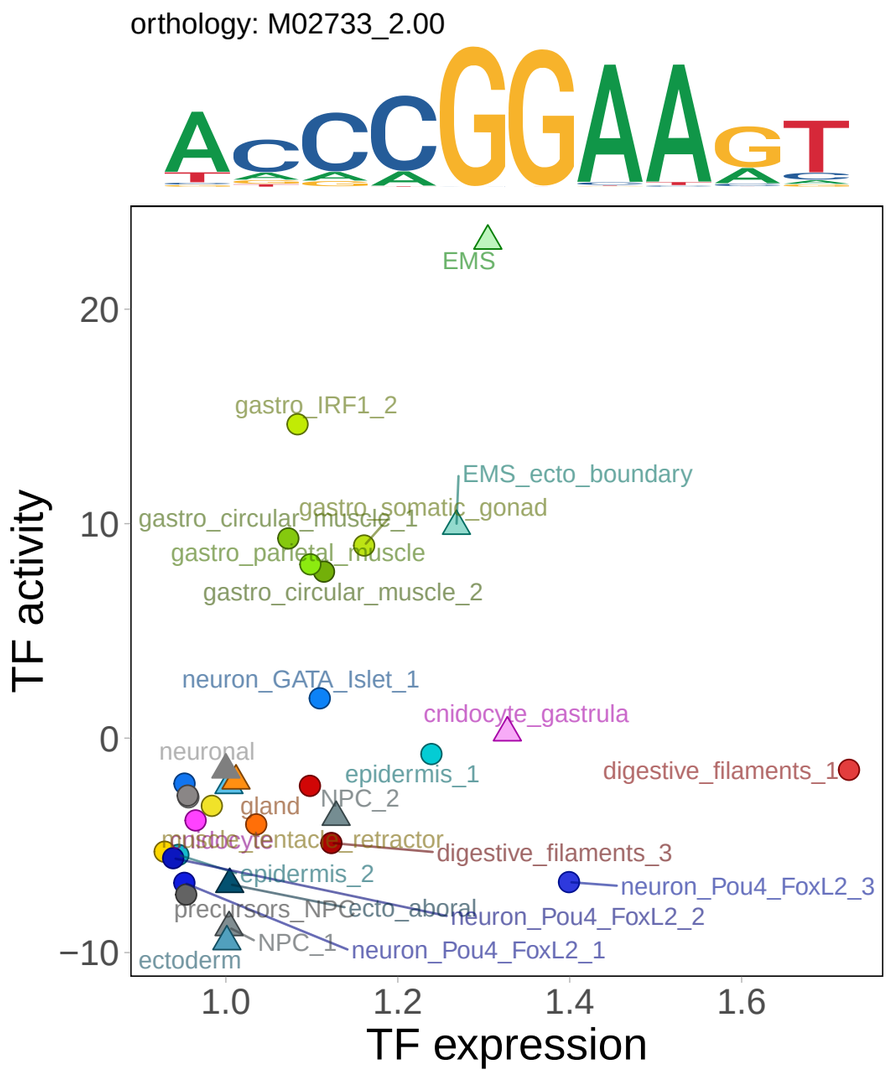
Nvec_vc1.1_XM_032361813.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding



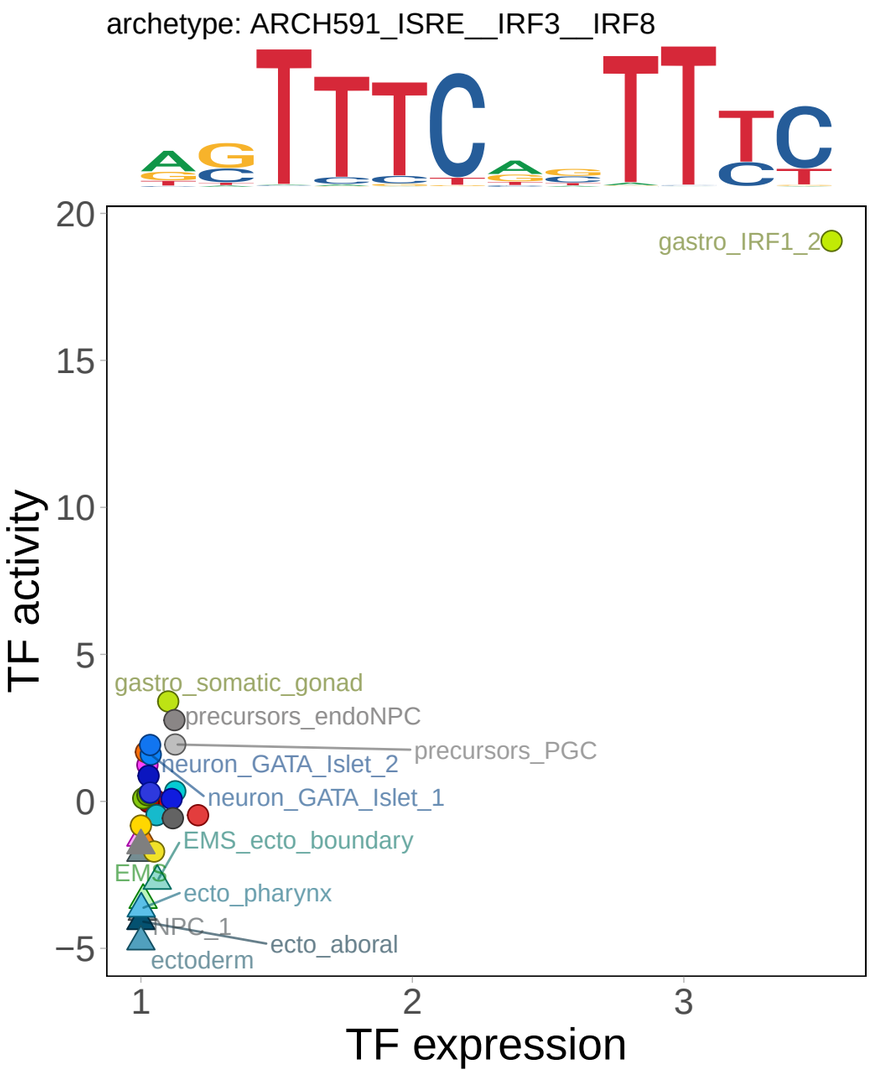


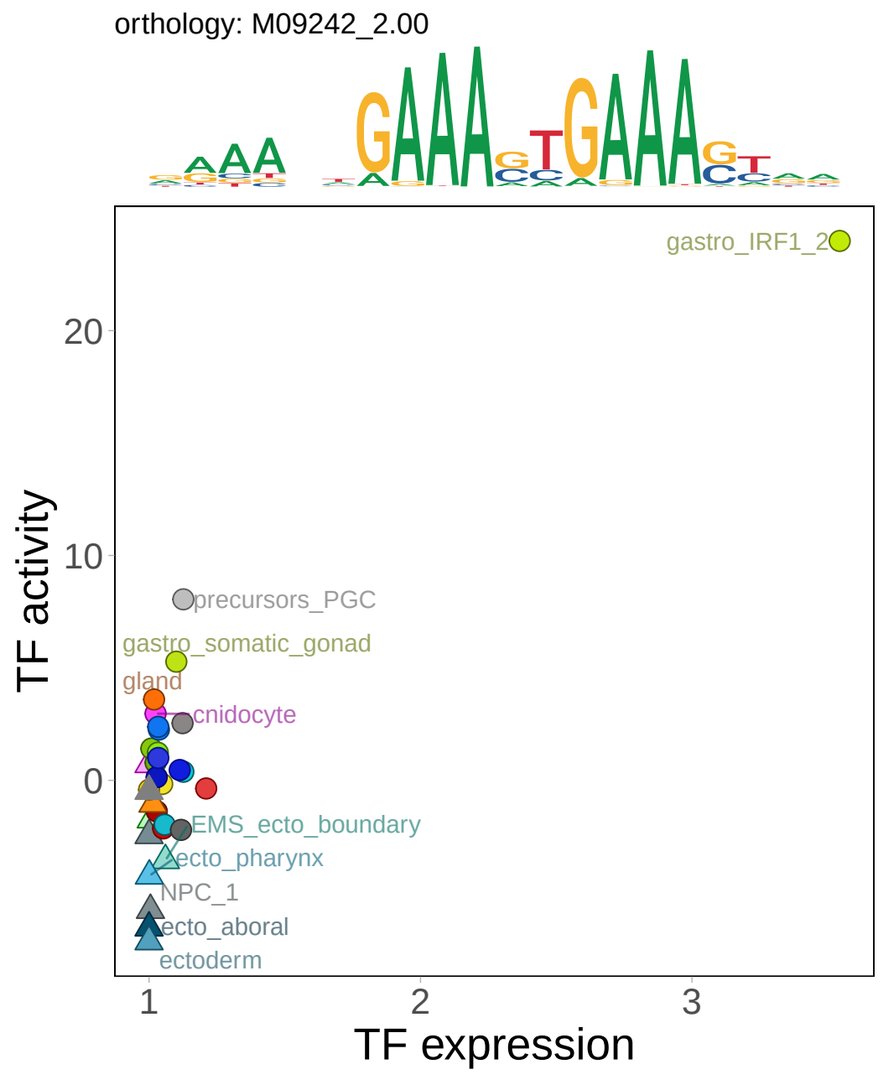
Nvec_vc1.1_XM_032361849.2
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets



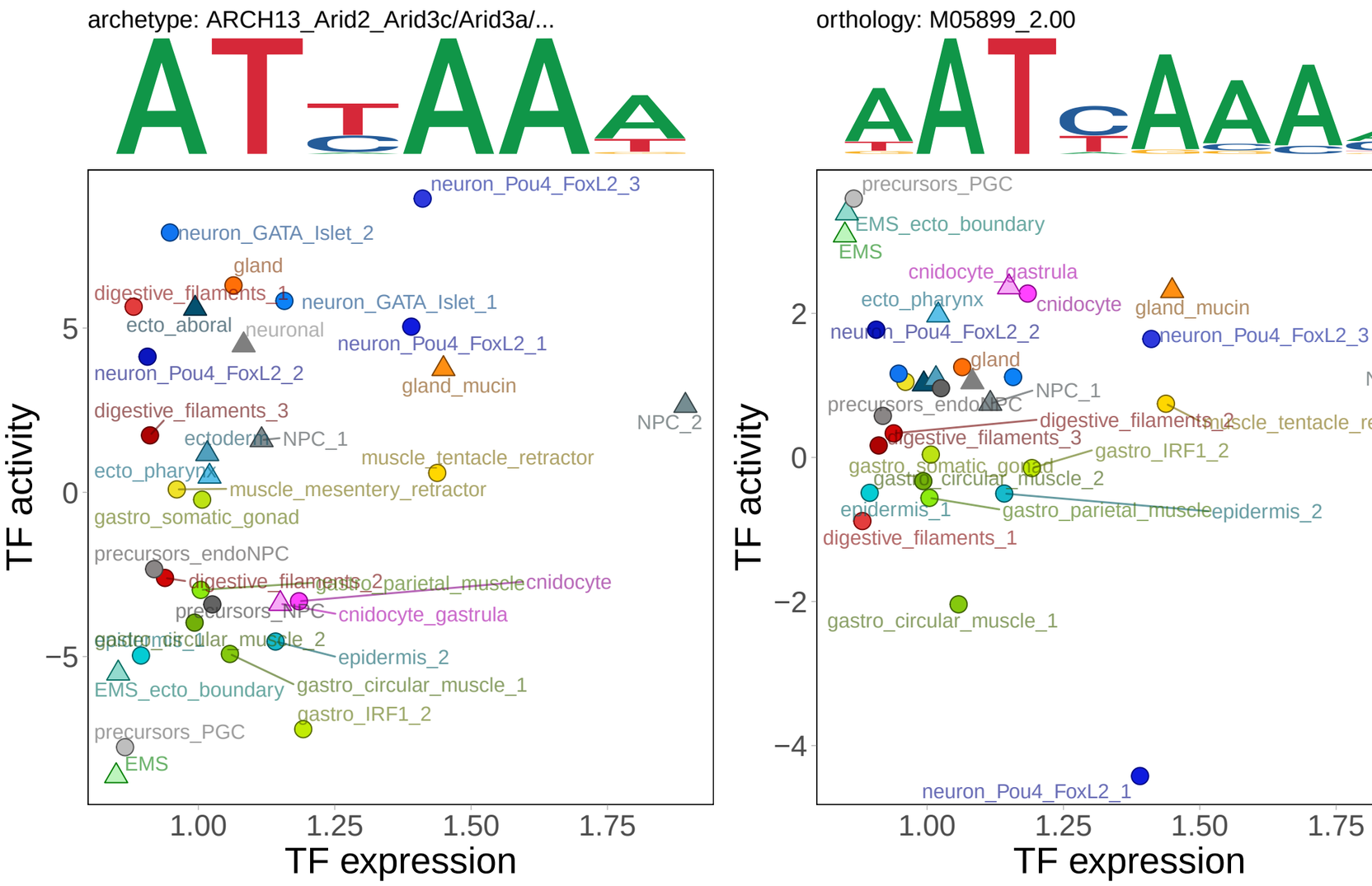


Nvec_vc1.1_XM_032361976.2
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9
PFAM: IRF

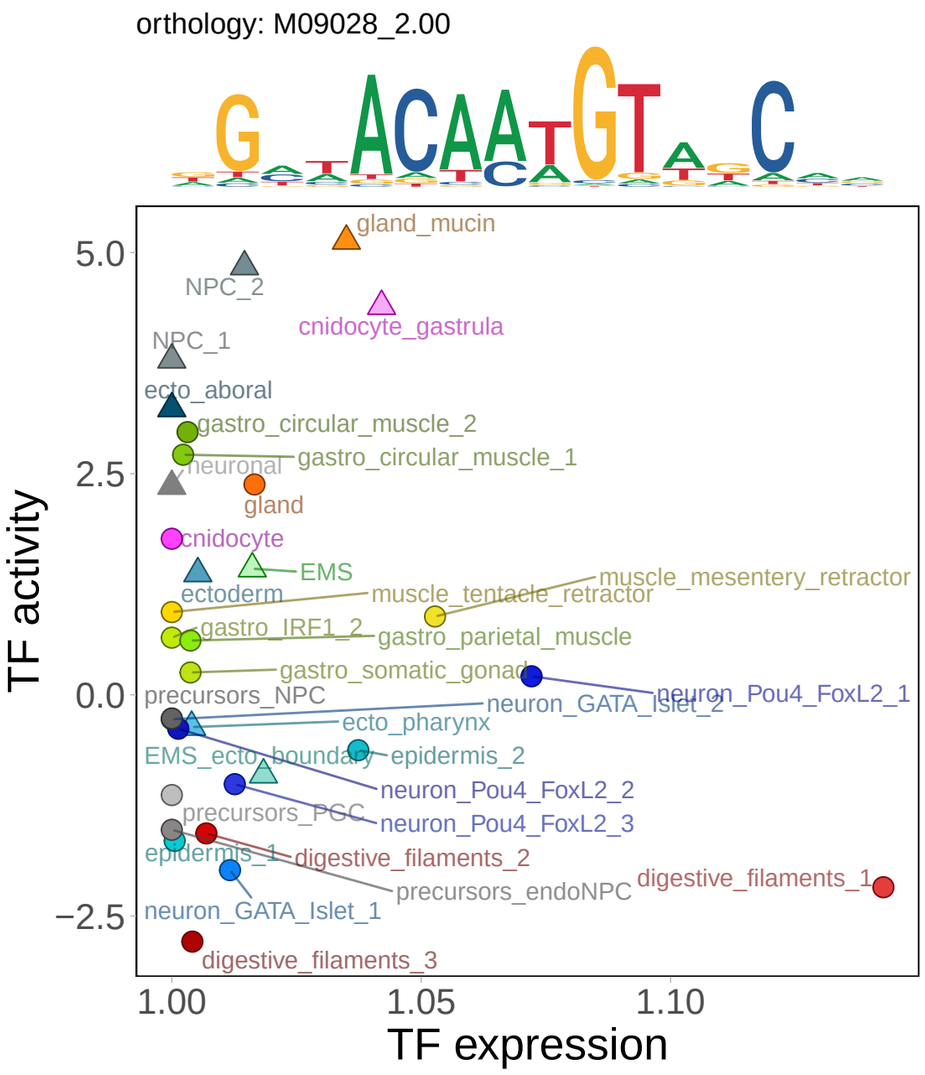




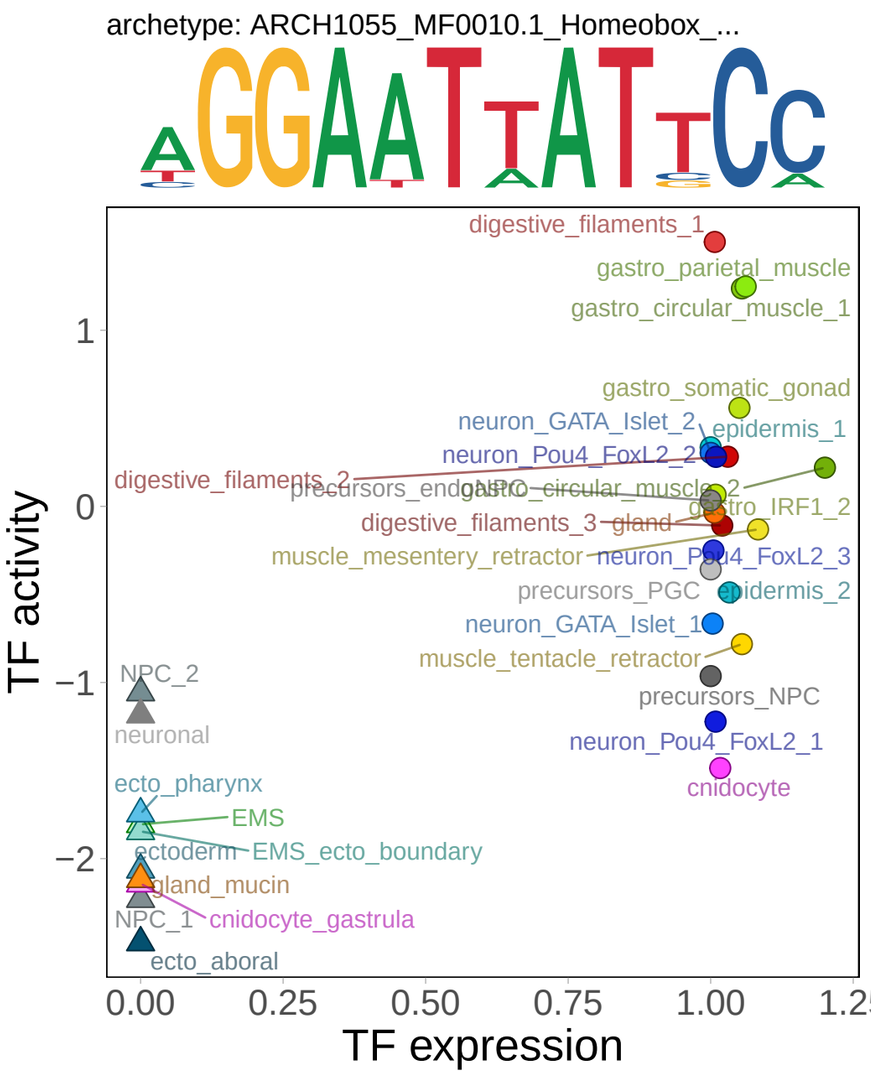
Nvec_vc1.1_XM_032362135.2
OG: ARID_BRIGHT.HG1.9:ARID3A/ARID3B/ARID3C
PFAM: ARID

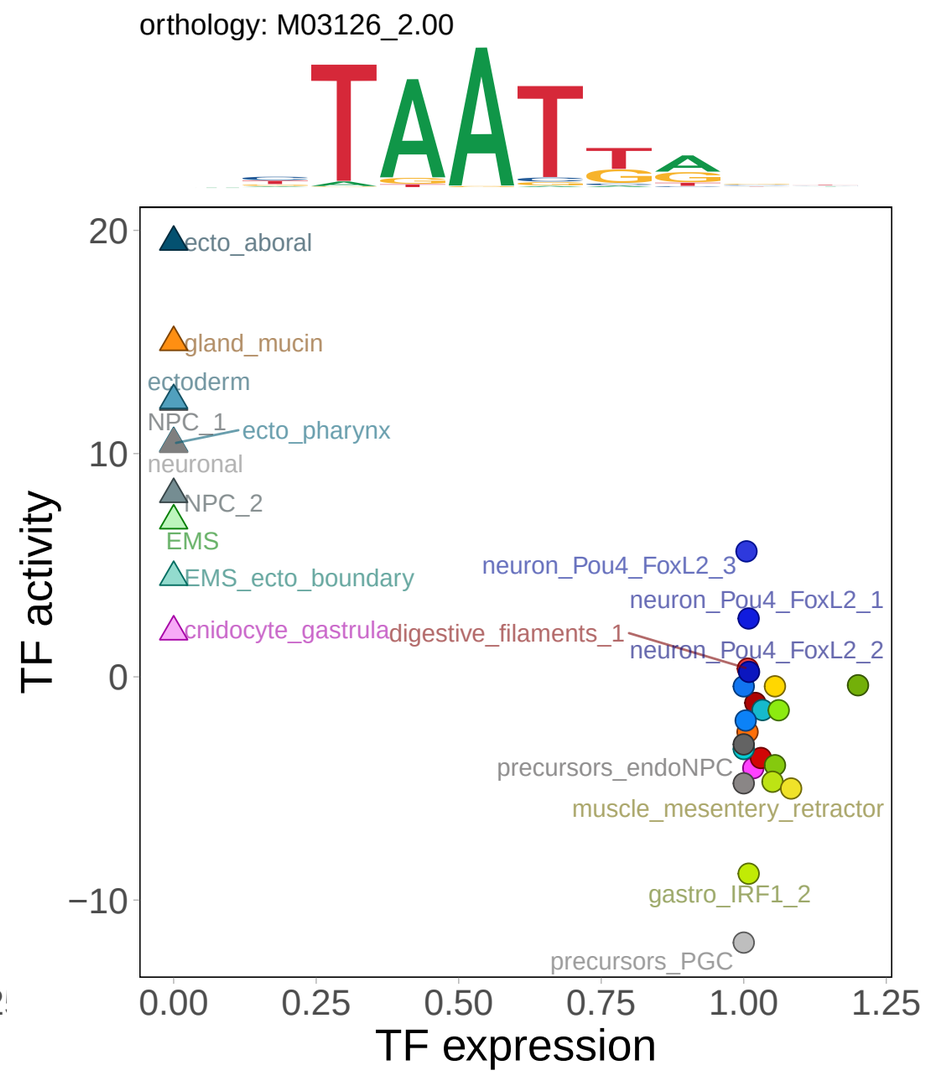


Nvec_vc1.1_XM_032362140.2
OG: Doublesex_DM.HG1.1:like:DMRT1/DMRT2/DMRT3/DMRTA1/DMRTA2/DMRTB1/DMRTC2
PFAM: DM

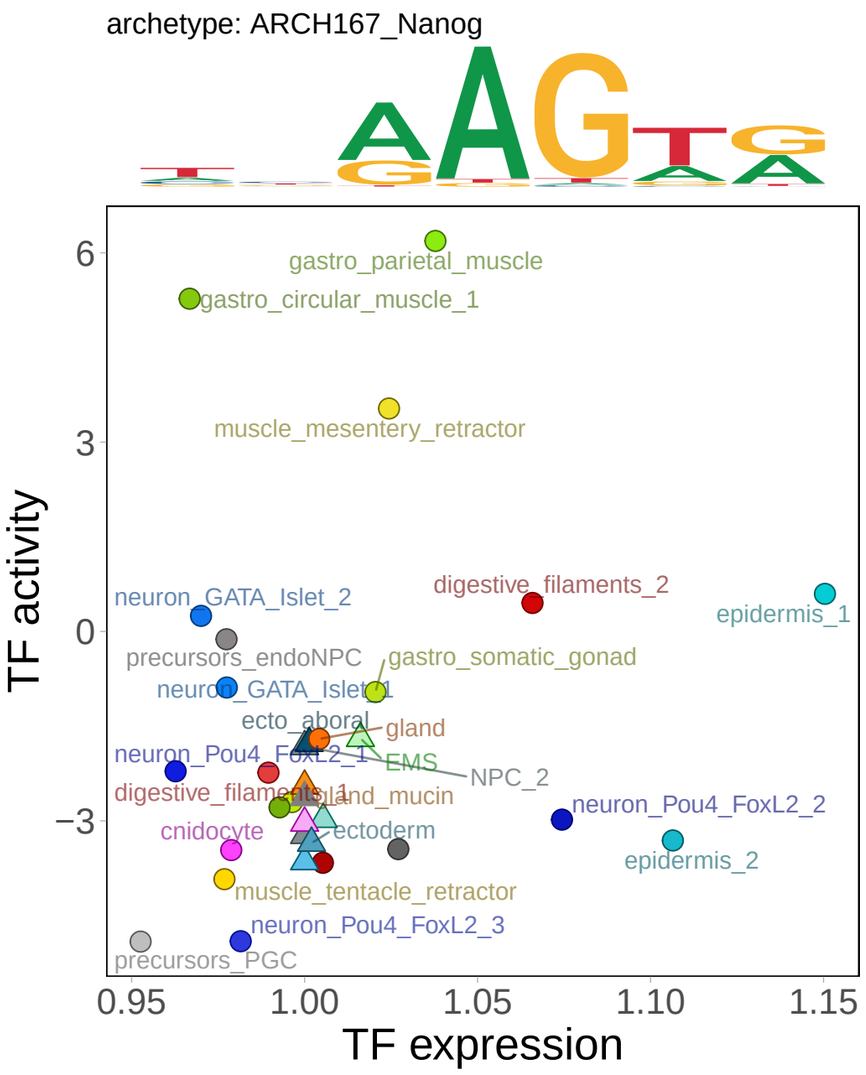


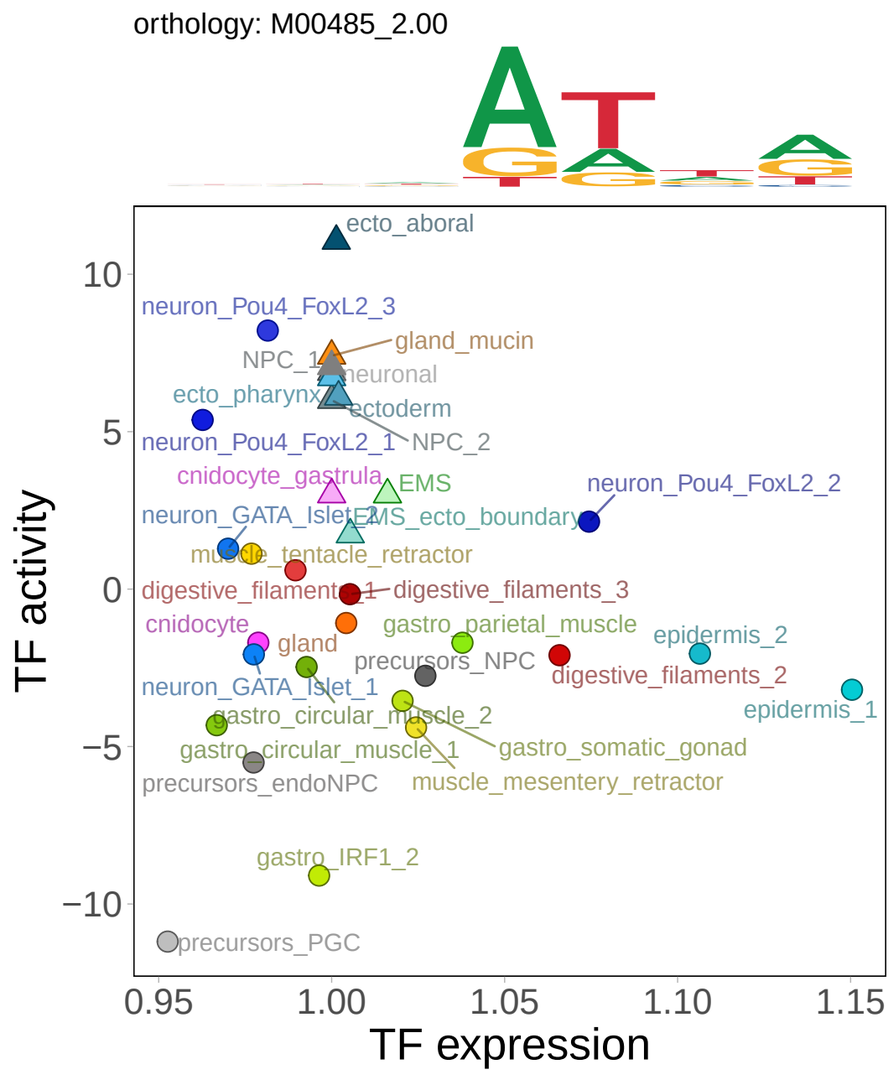
Nvec_vc1.1_XM_032362307.2
OG: Homeodomains.HG1.66:like:GSX1/GSX2
PFAM: Homeodomain



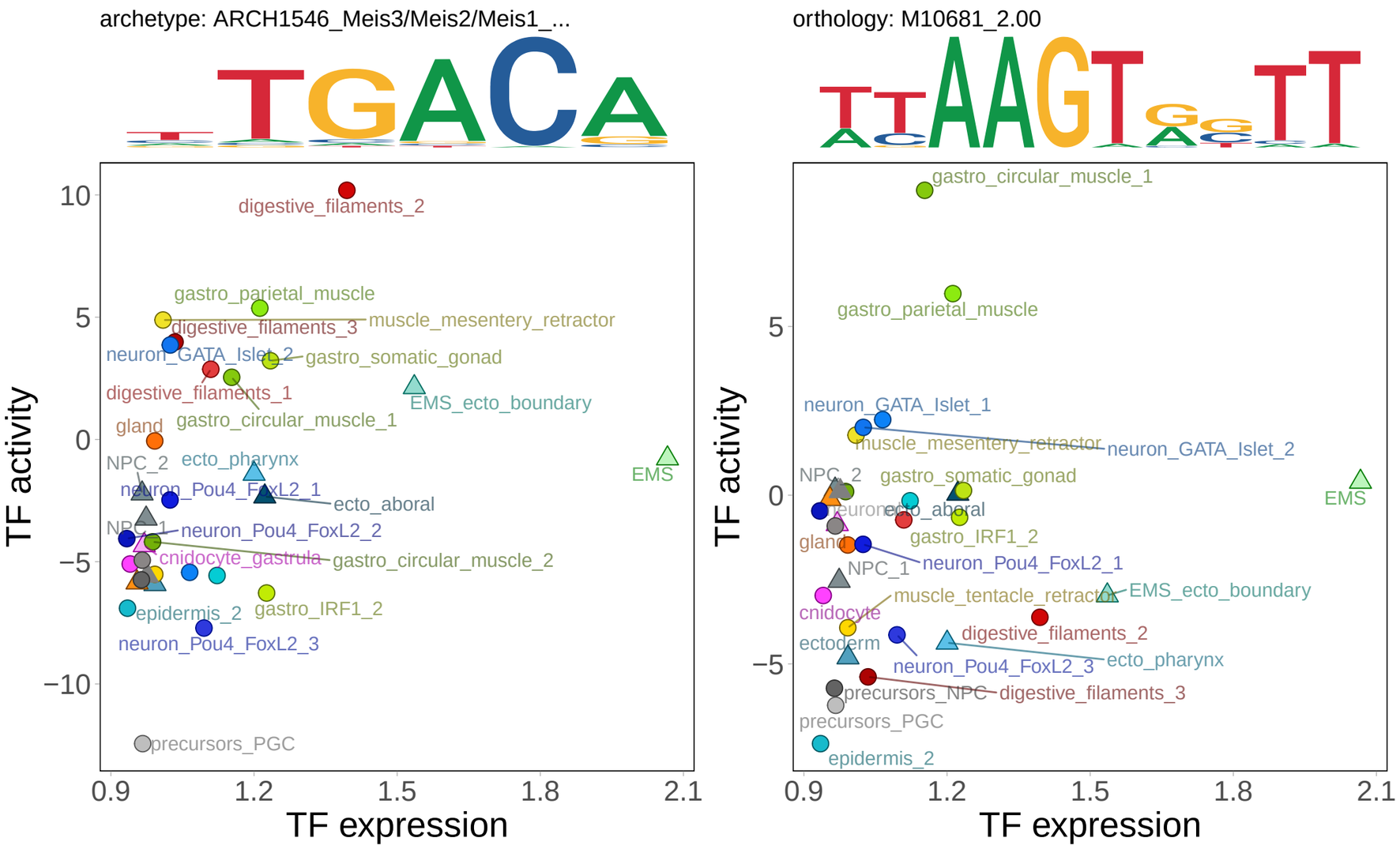


Nvec_vc1.1_XM_032362346.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain

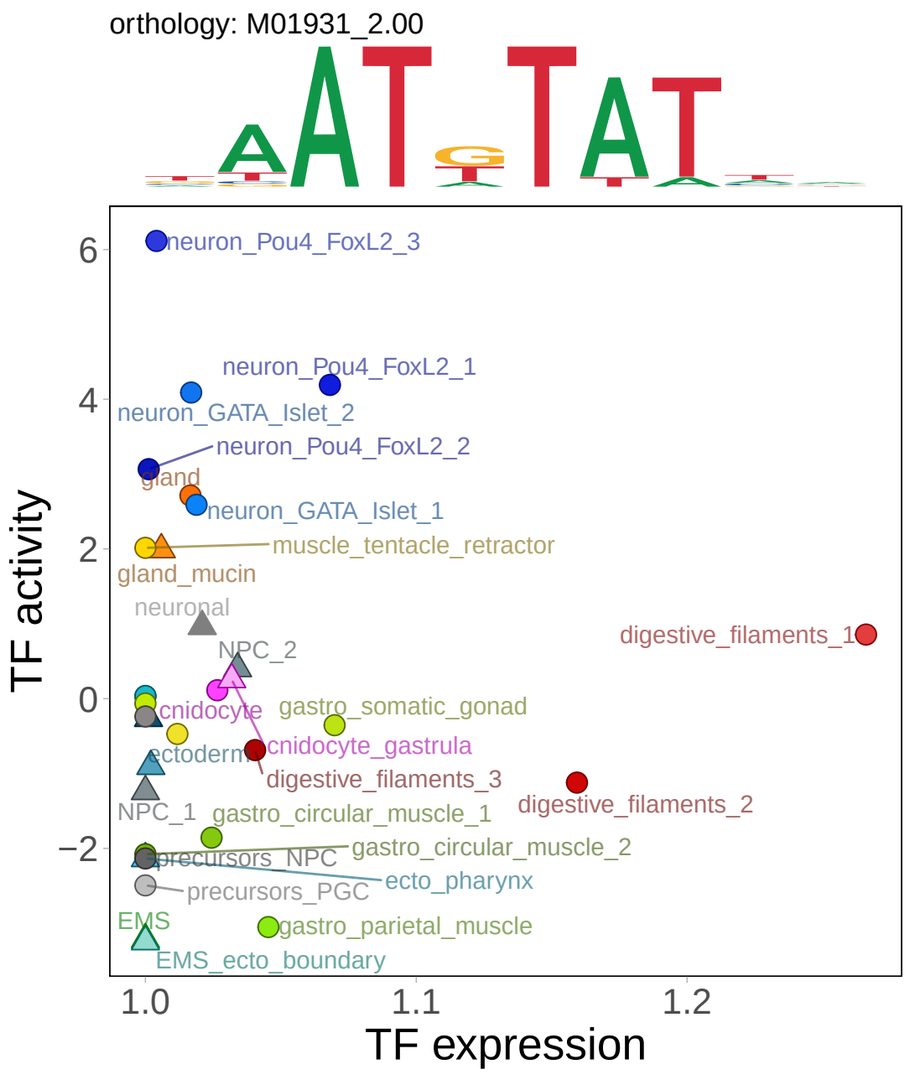




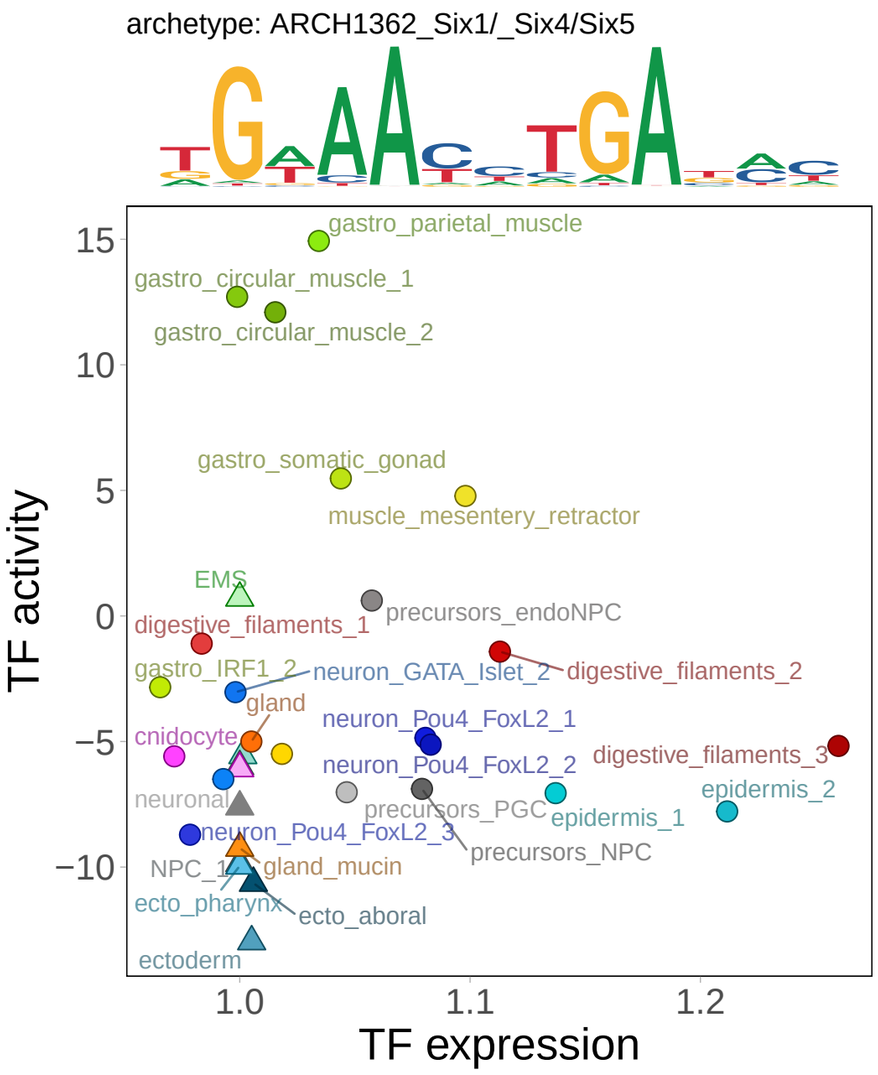
Nvec_vc1.1_XM_032362379.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NKX2−8/NKX3−1/NKX
PFAM: Homeodomain

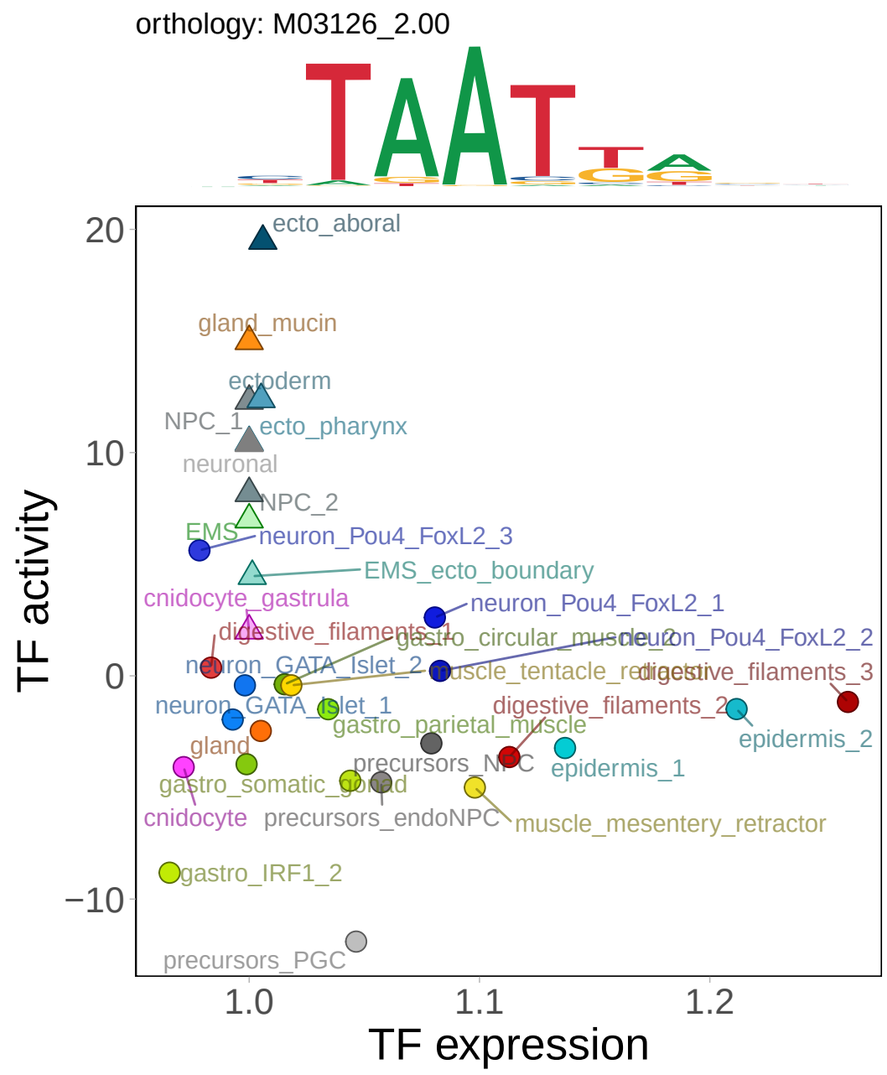


Nvec_vc1.1_XM_032362387.2
OG: Doublesex_DM.HG1.13:like:DMRT1/DMRT2/DMRT3/DMRTA1/DMRTA2/DMRTB1
PFAM: DM/DMA

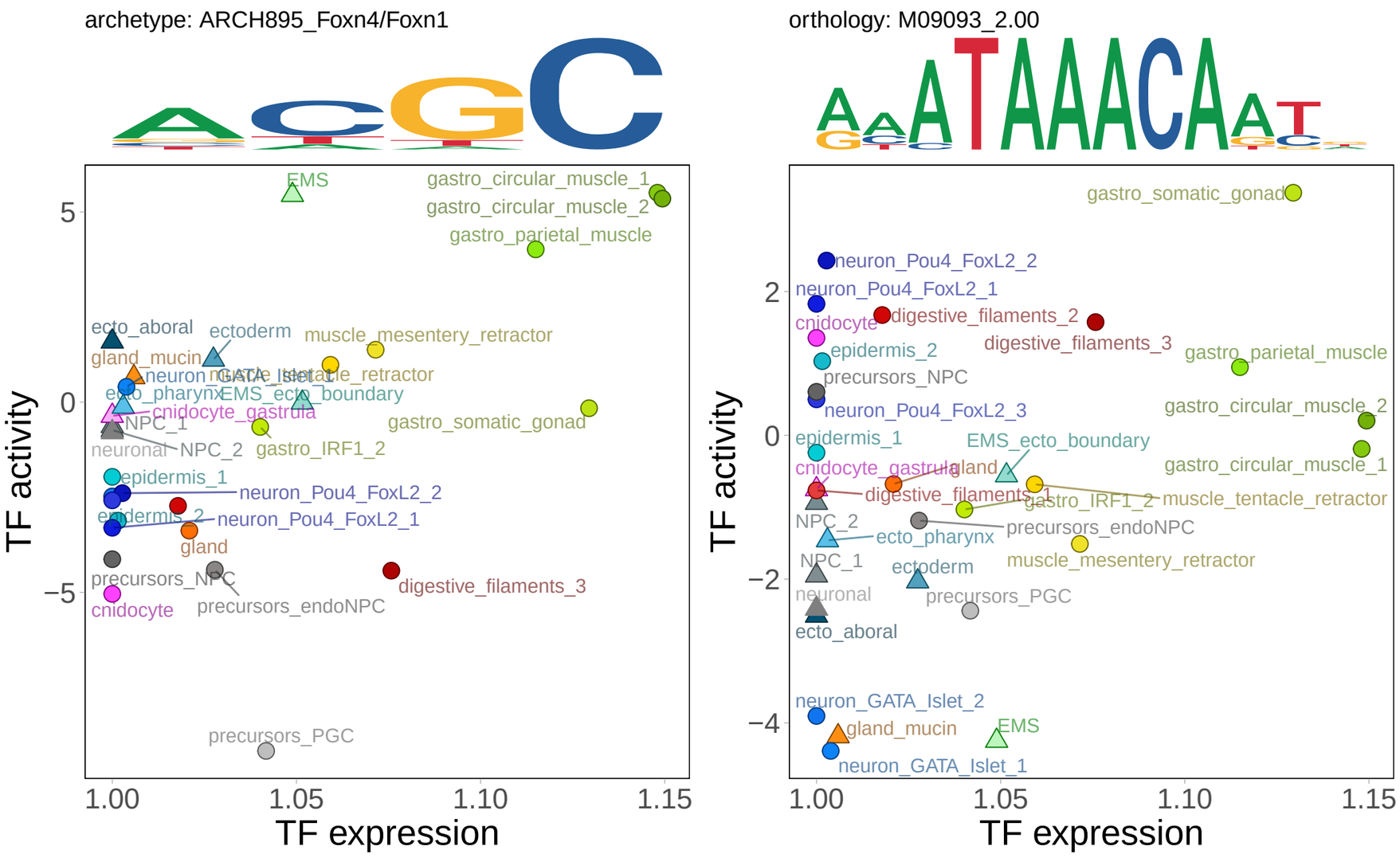


Nvec_vc1.1_XM_032362396.2
OG: Homeodomains.HG1.69:HOXA3/HOXB3/HOXD3
PFAM: Homeodomain

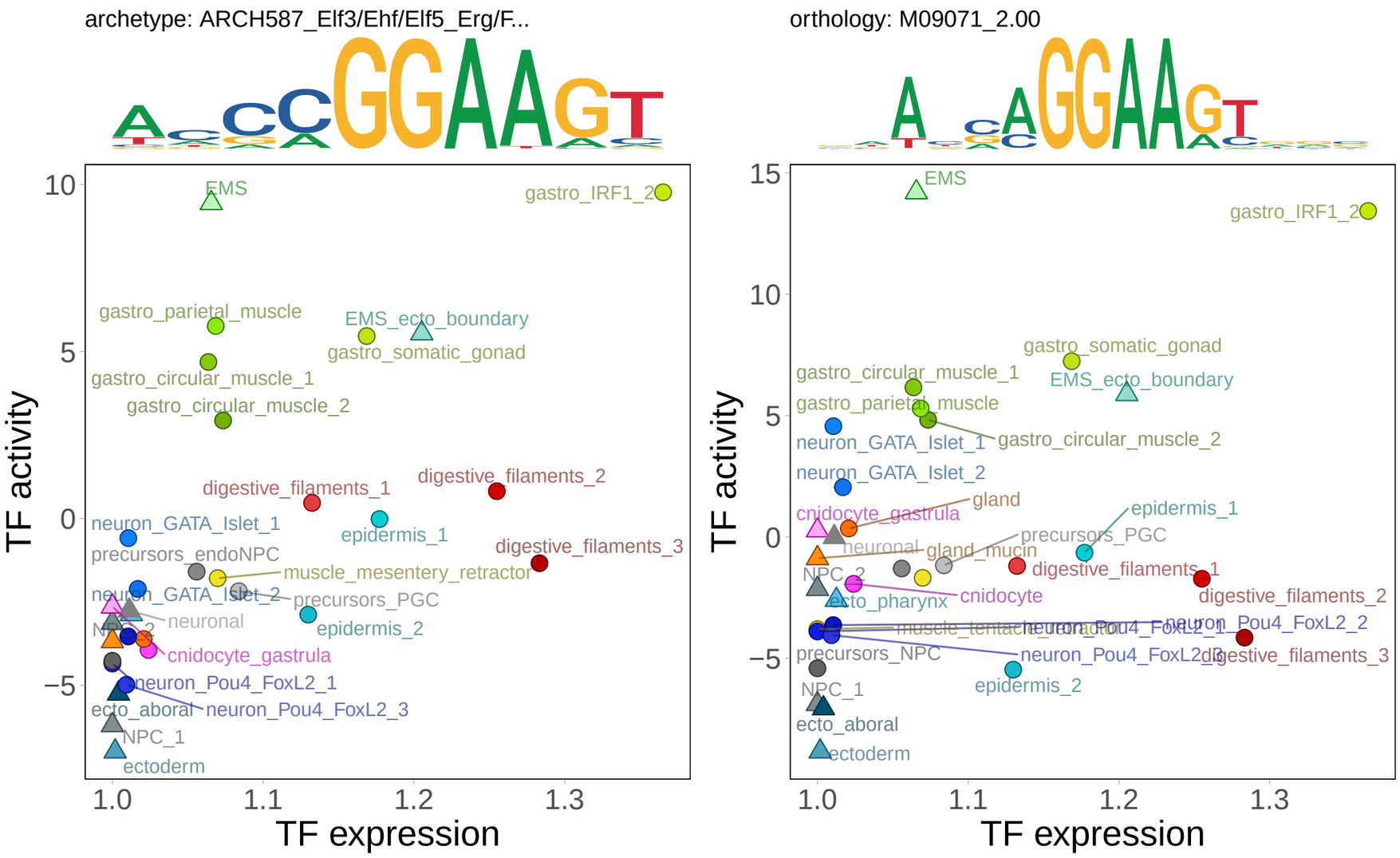




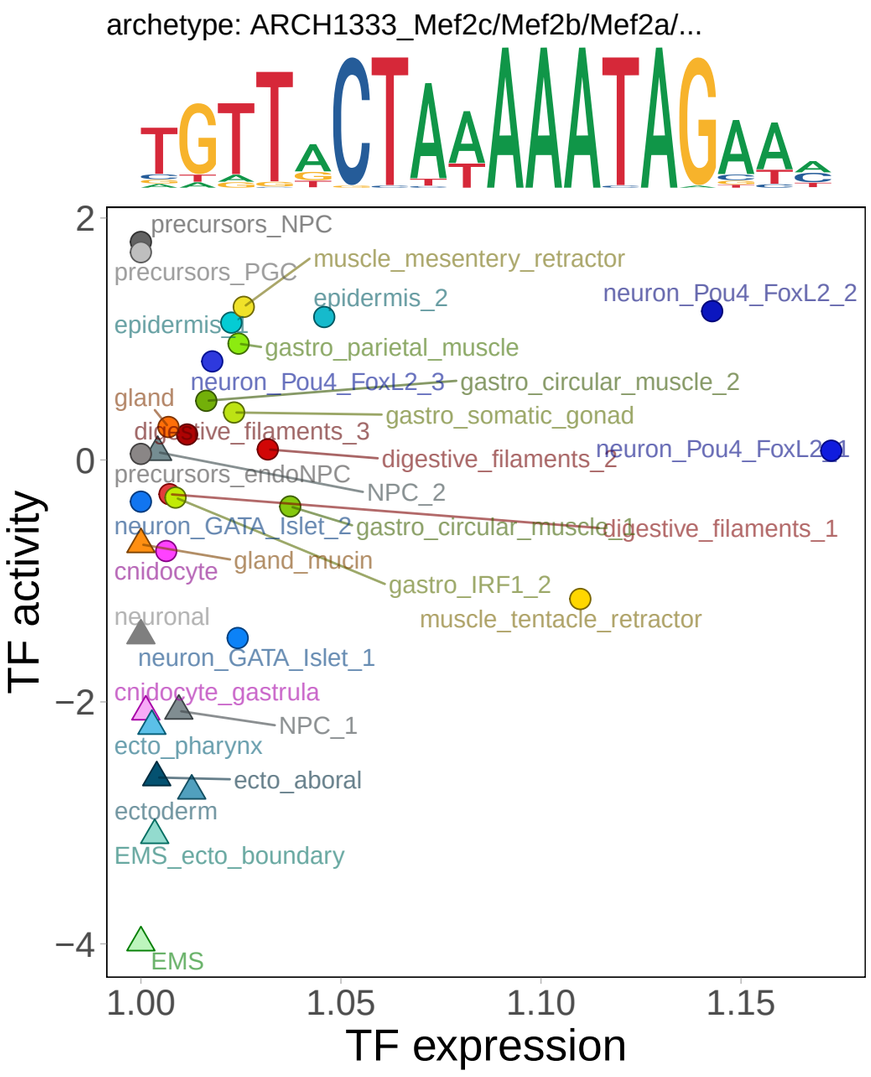
Nvec_vc1.1_XM_032362607.2
OG: Forkhead.HG1.5:FOXQ1
PFAM: Forkhead

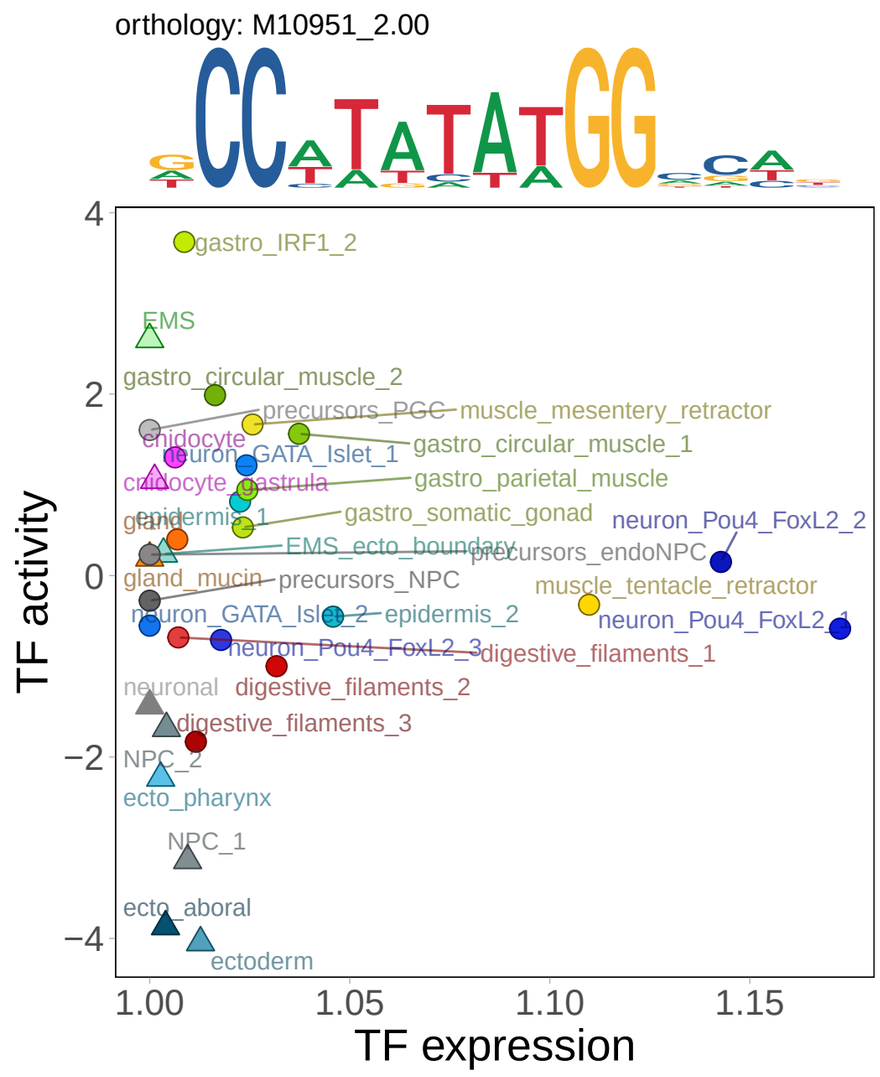


Nvec_vc1.1_XM_032362934.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: Ets

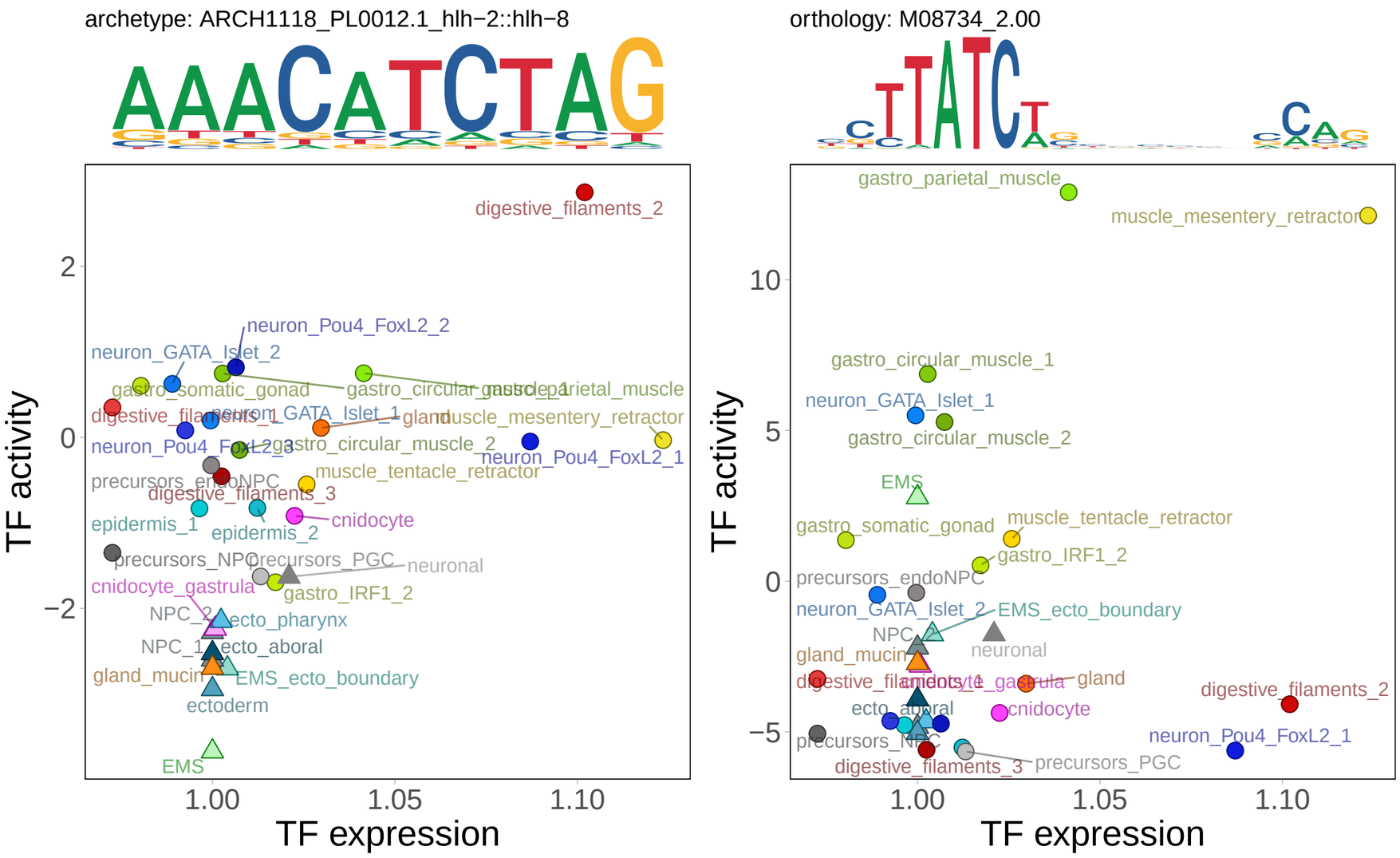


Nvec_vc1.1_XM_032362959.2
OG: MADS−box_SRF.HG1.1:like:BORCS8−MEF2B/MEF2A/MEF2B/MEF2C/MEF2D
PFAM: SRF−TF

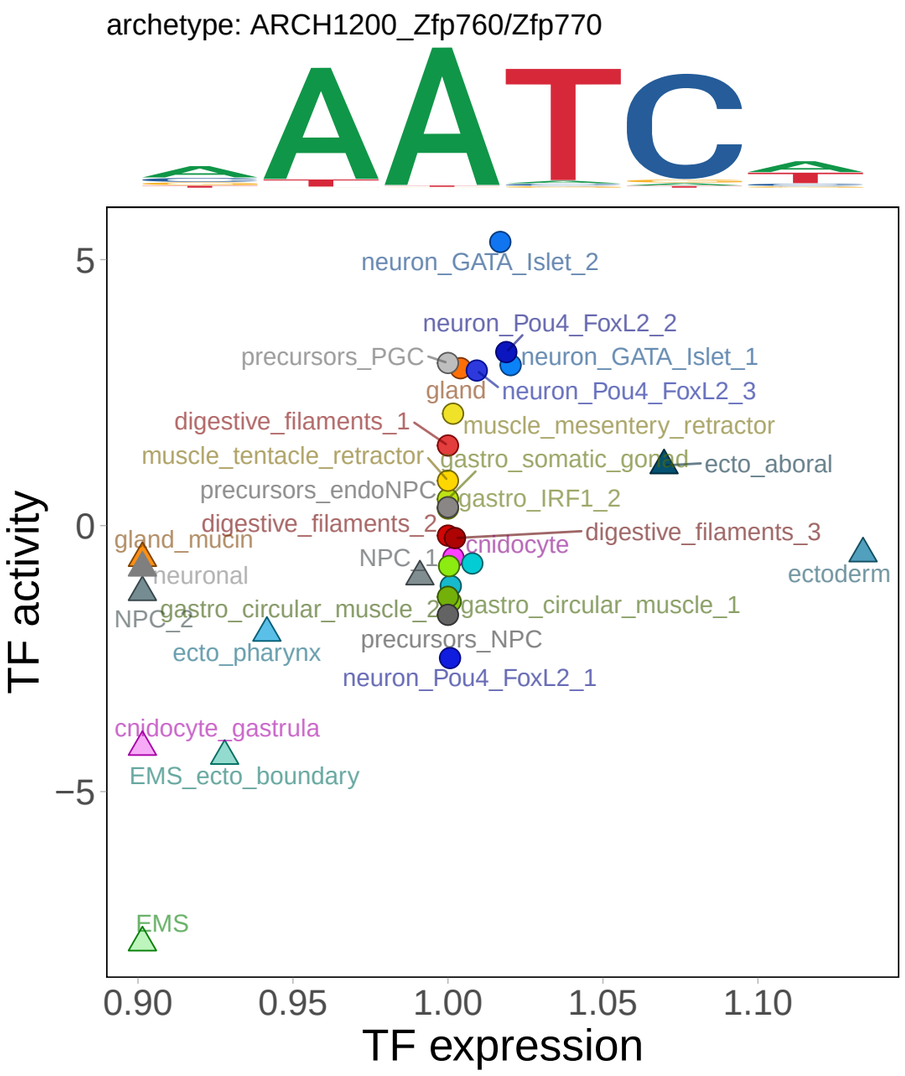




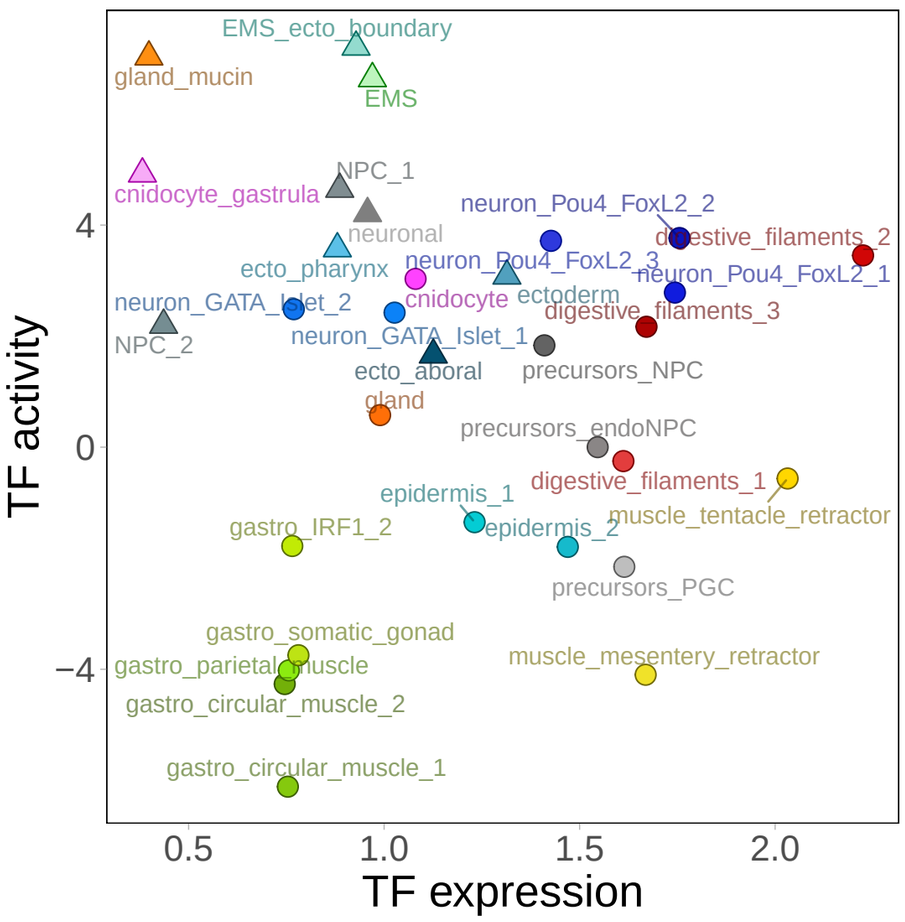
Nvec_vc1.1_XM_032363017.2
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/TAL2
PFAM: HLH



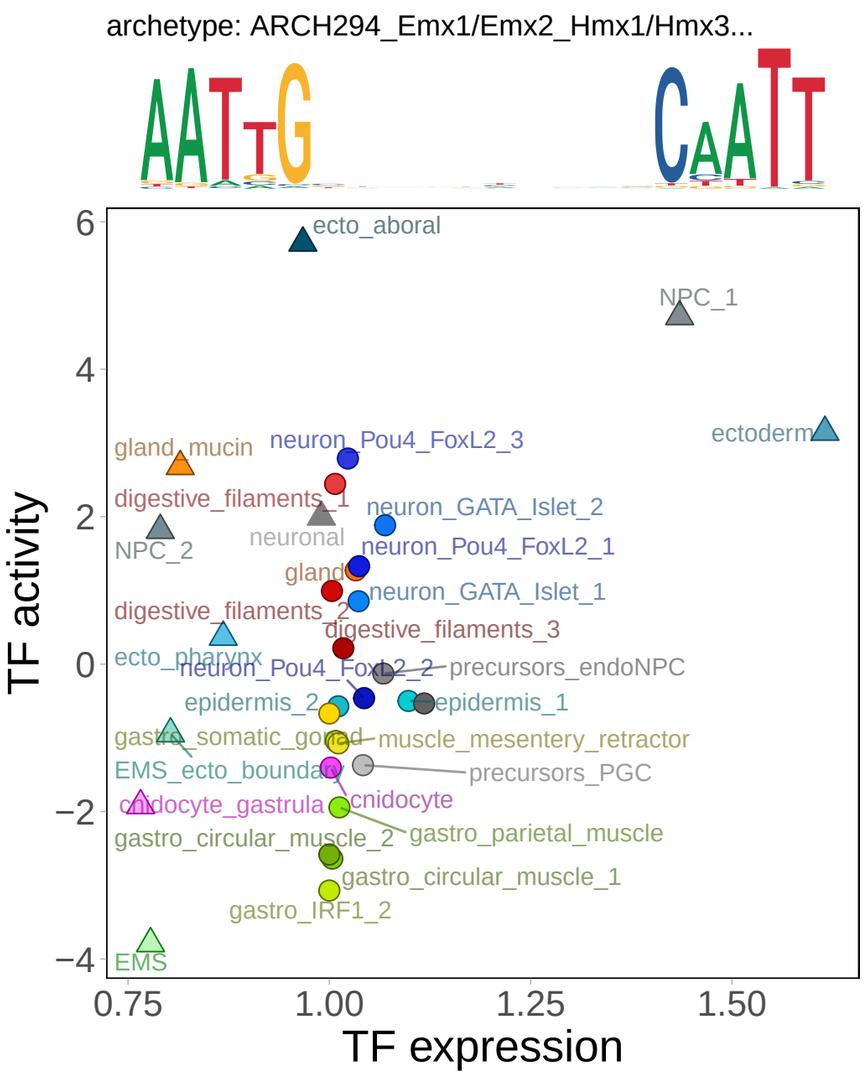
Nvec_vc1.1_XM_032363027.2
OG: zf−C2H2.HG19.1:PRDM14
PFAM: SET/zf−C2H2/zf−C2H2/zf−C2H2

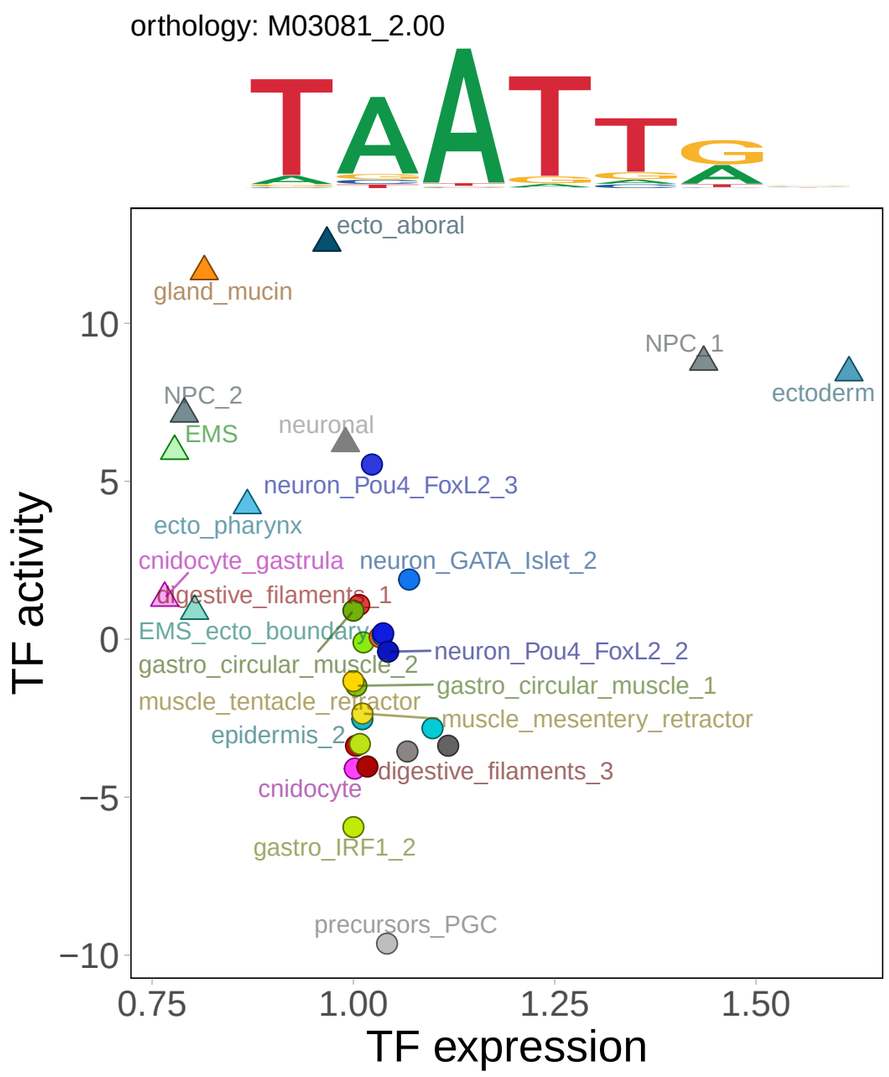


orthology: M09442_2.00

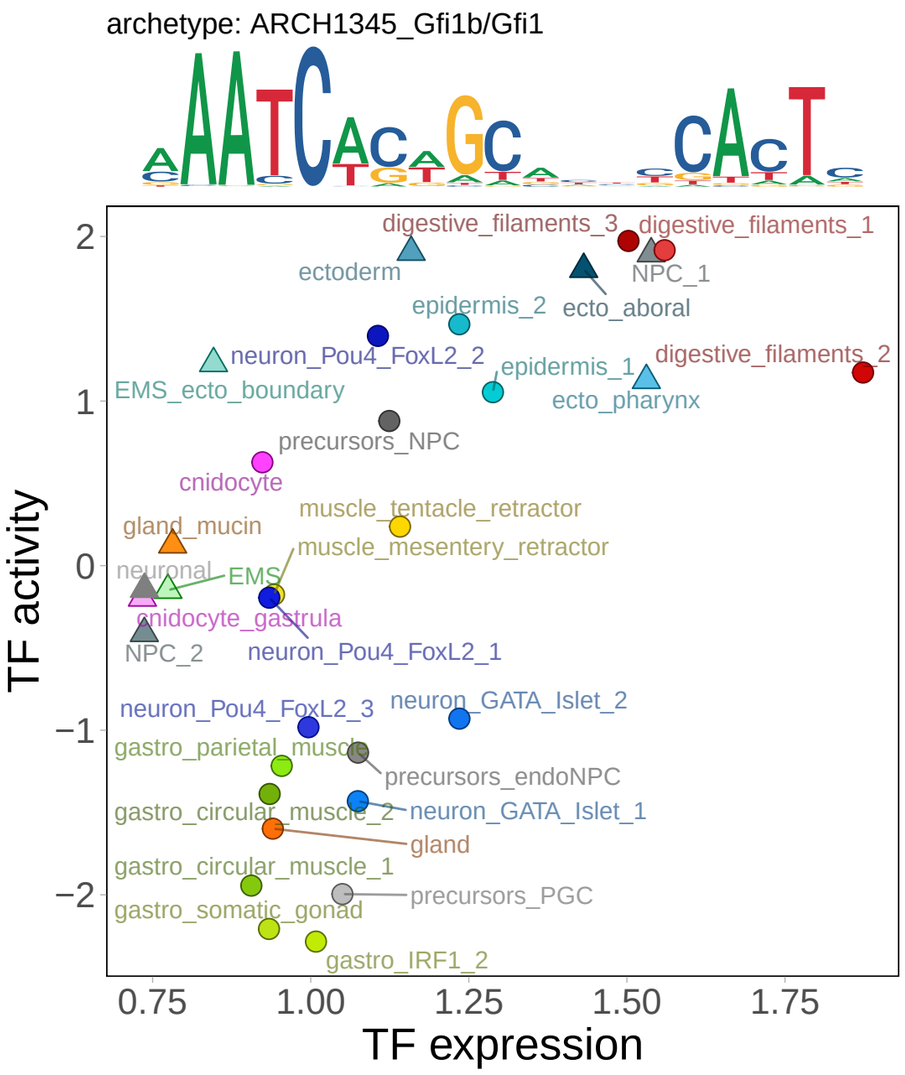


Nvec_vc1.1_XM_032363350.2
OG: Homeodomains.HG1.31:DLX1/DLX2/DLX3/DLX4/DLX5/DLX6
PFAM: Homeodomain

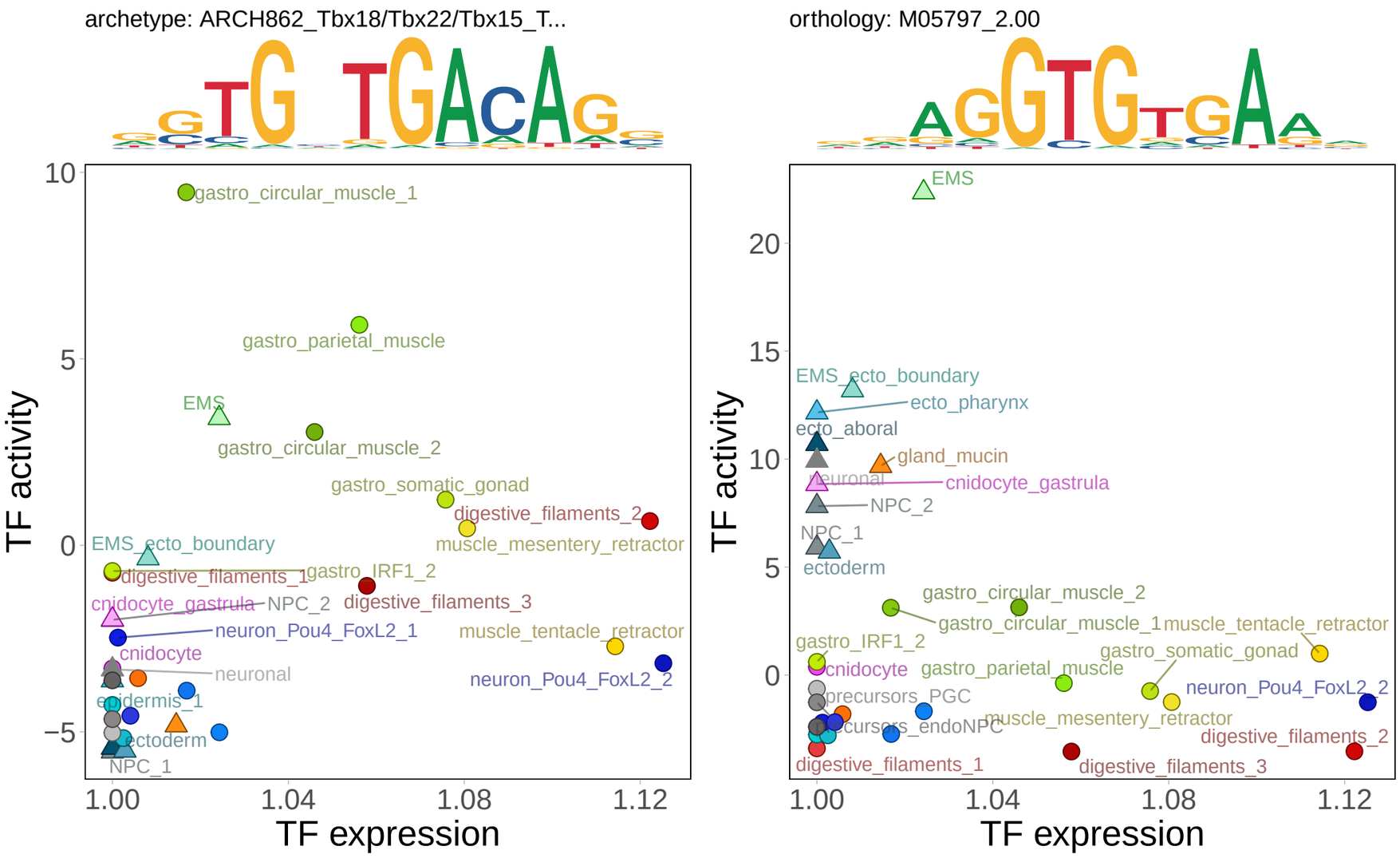




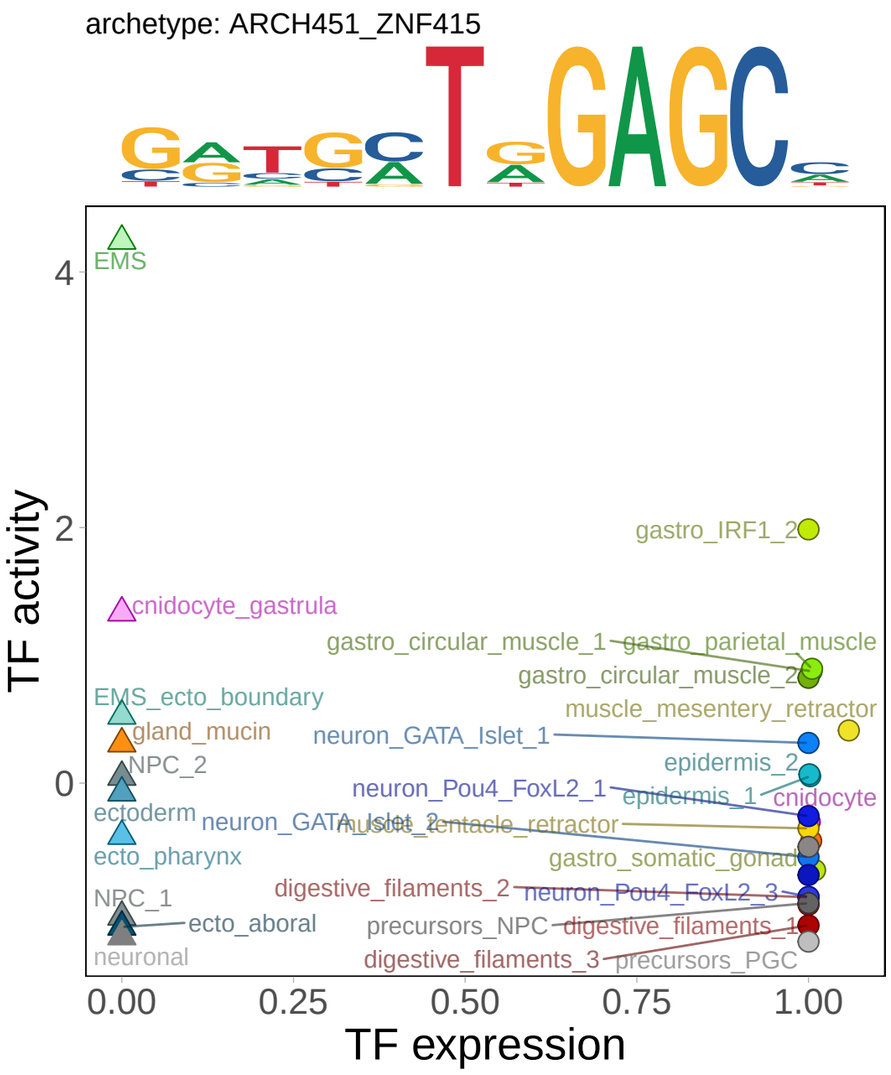
Nvec_vc1.1_XM_032363417.2
OG: zf−C2H2.HG3.2:ZBTB17
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



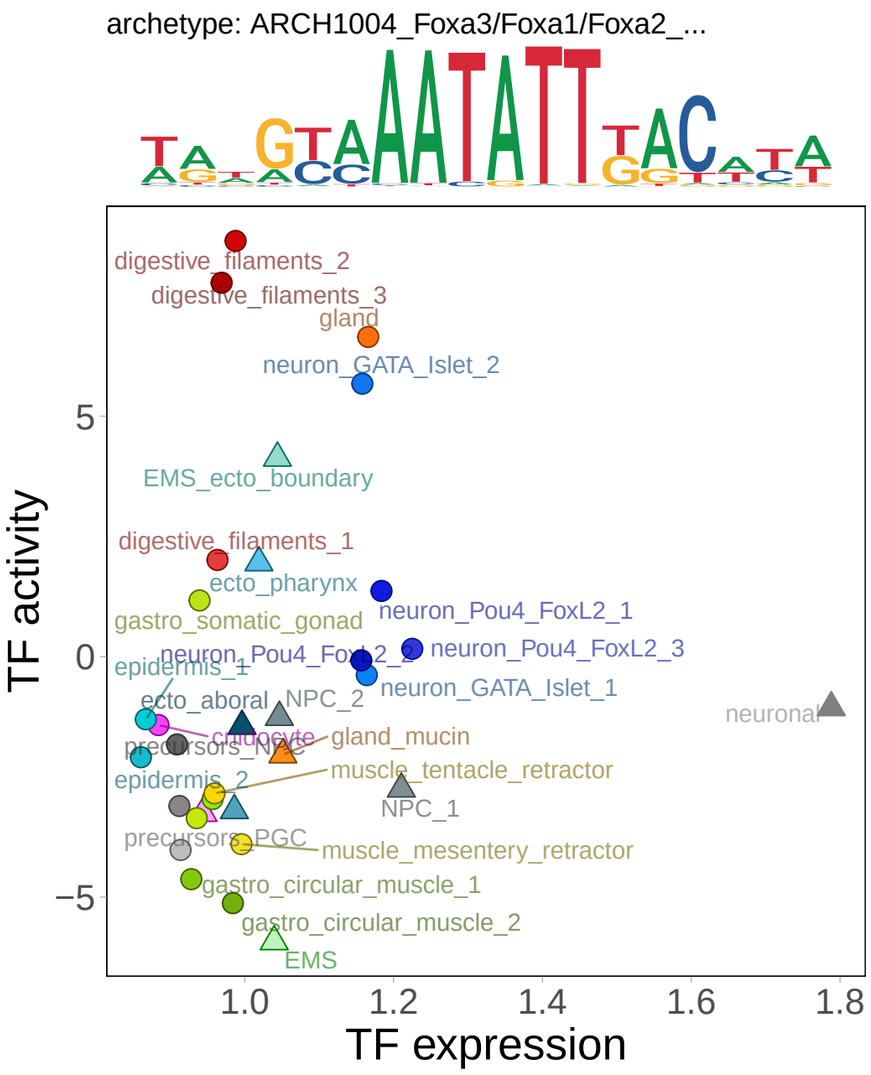
Nvec_vc1.1_XM_032363603.2
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box

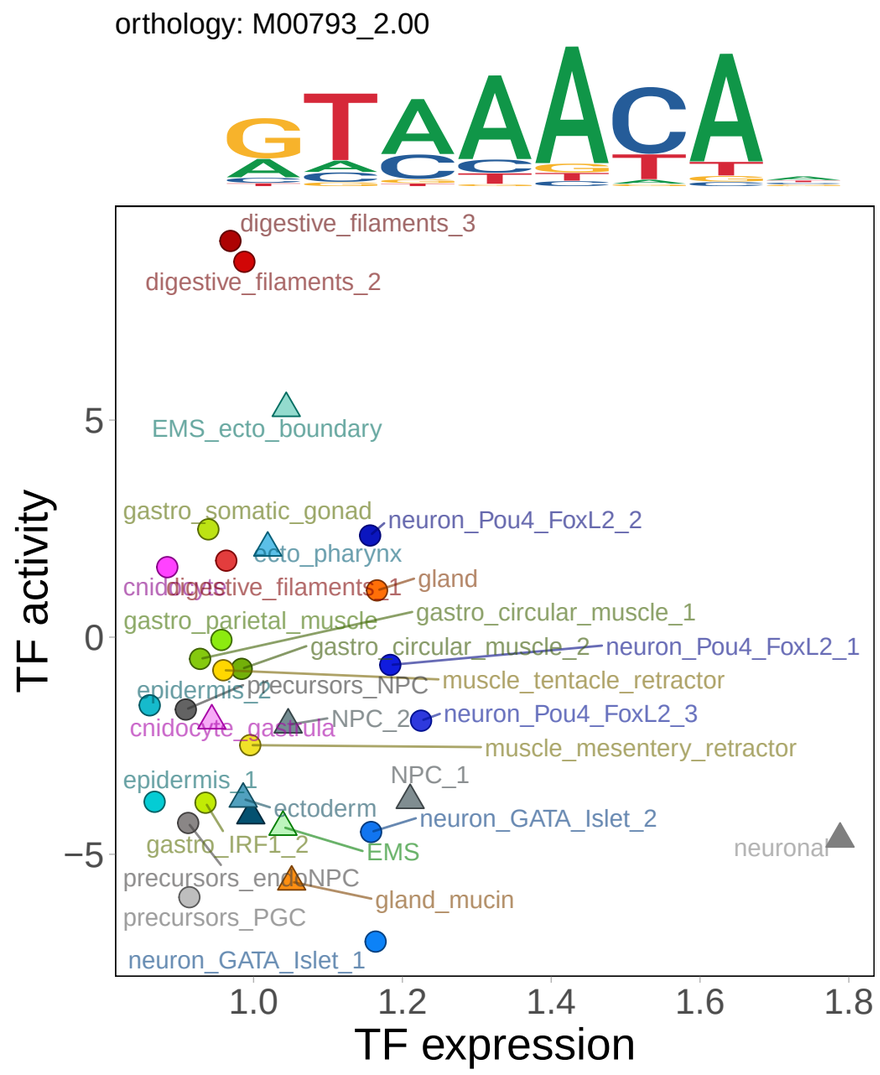


Nvec_vc1.1_XM_032363733.2
OG: zf−C2H2.HG1.62:ZBTB11
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2

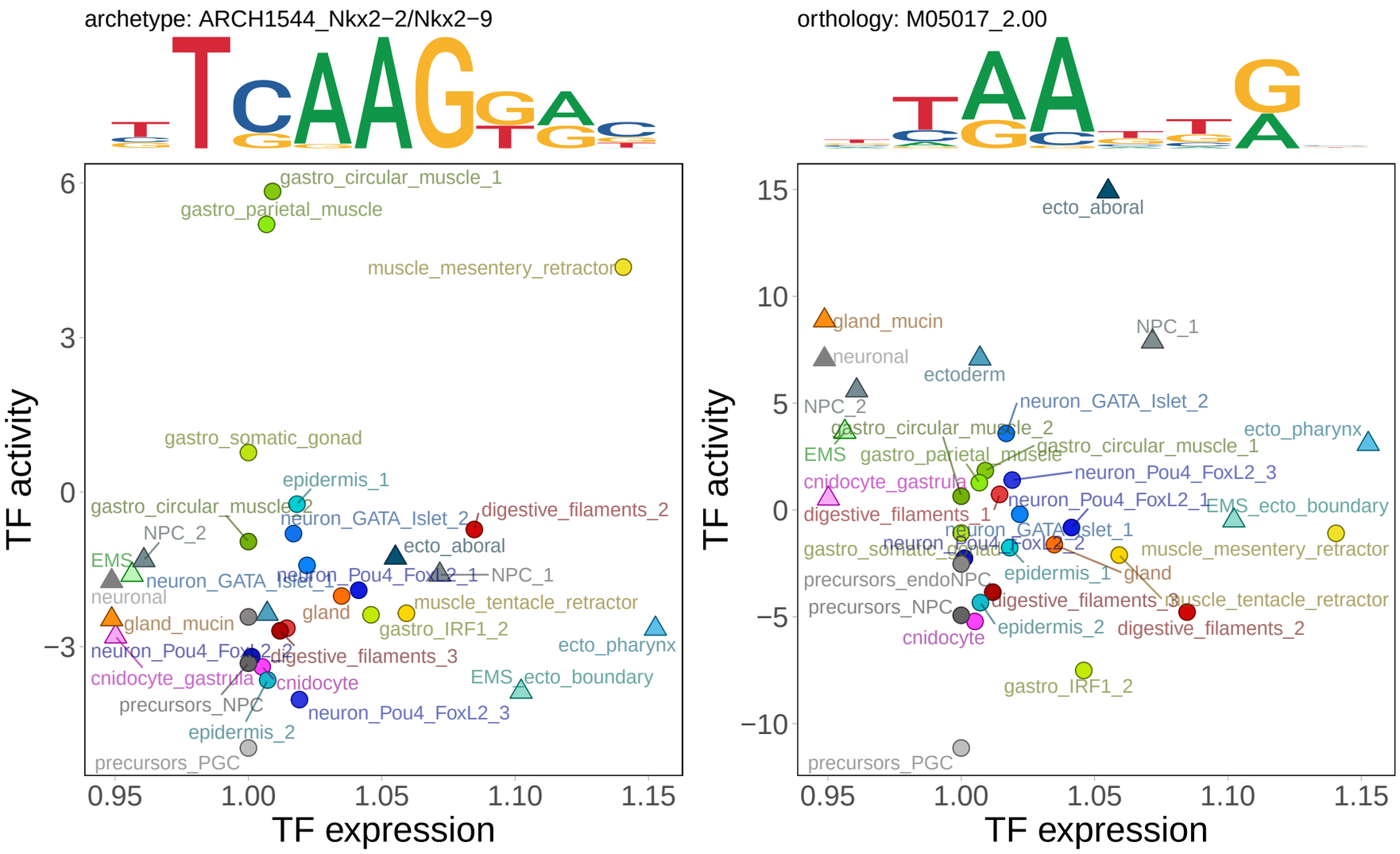


Nvec_vc1.1_XM_032363859.2
OG: Forkhead.HG1.32:FOXP2
PFAM: FOXP−CC/Forkhead

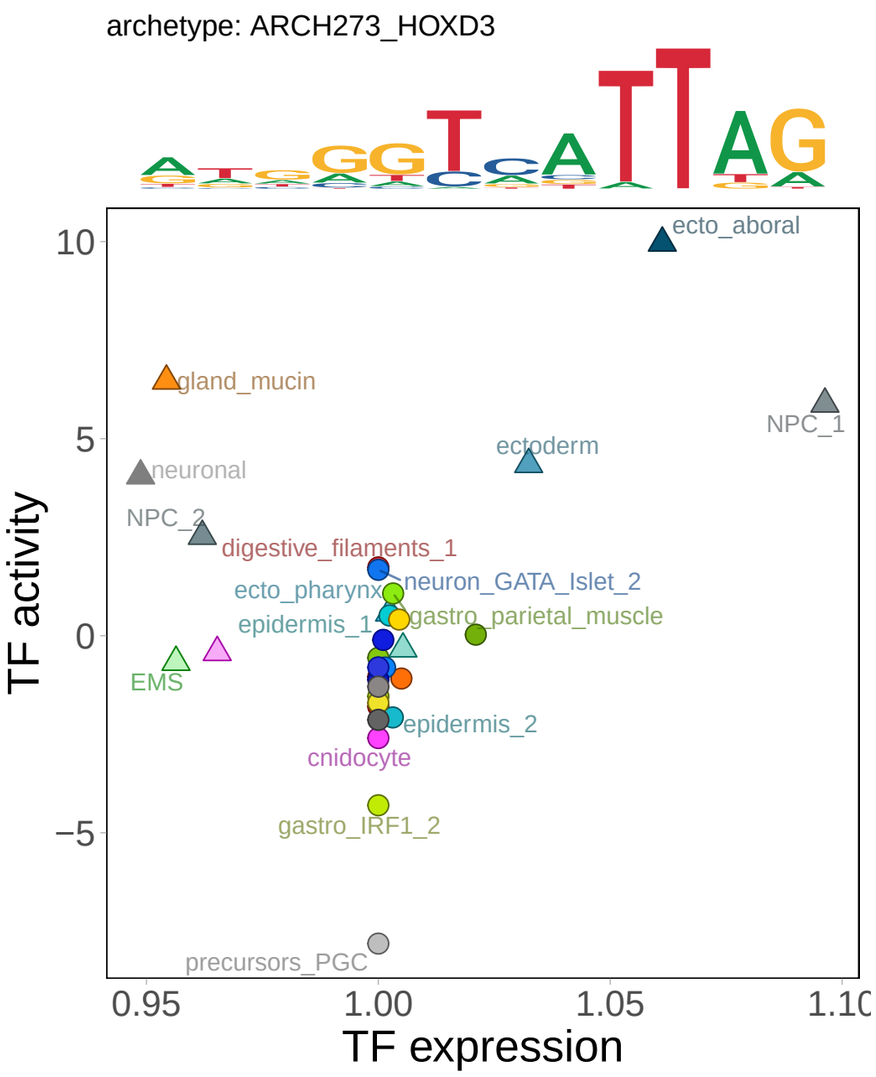


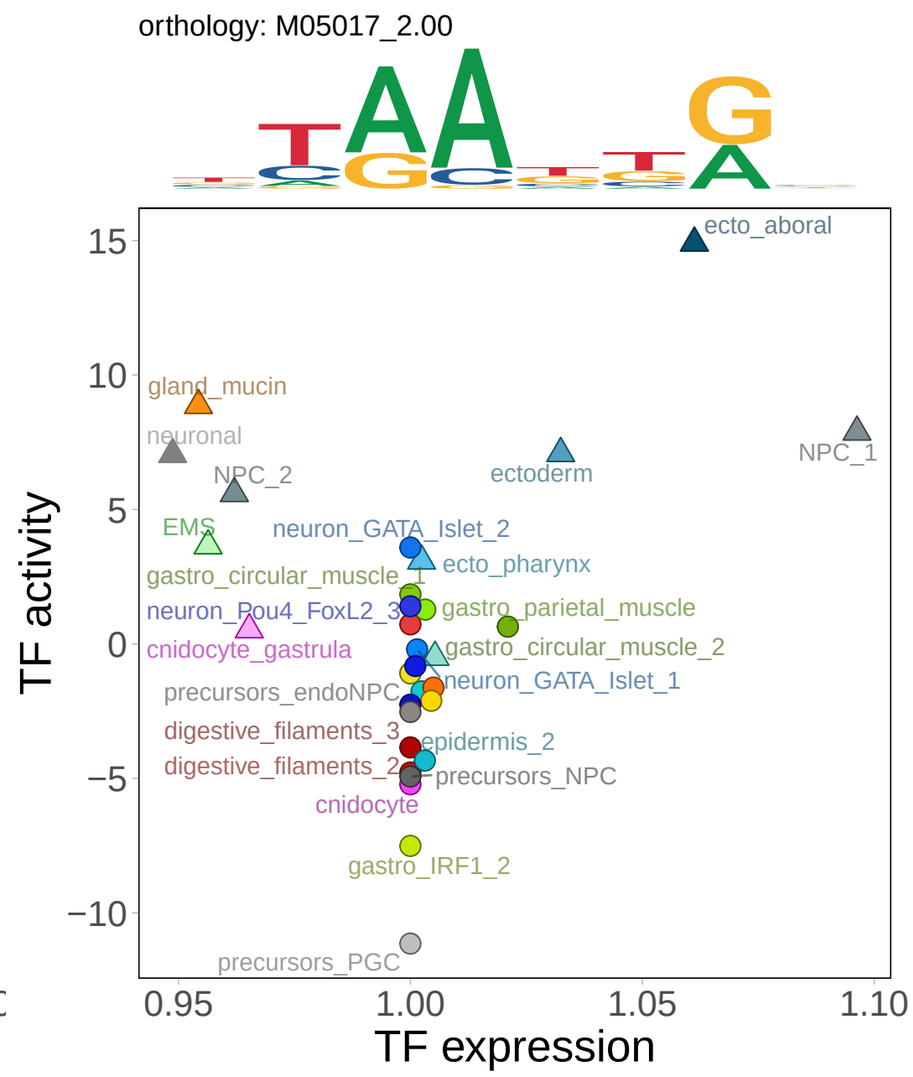


Nvec_vc1.1_XM_032363874.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/
PFAM: Homeodomain

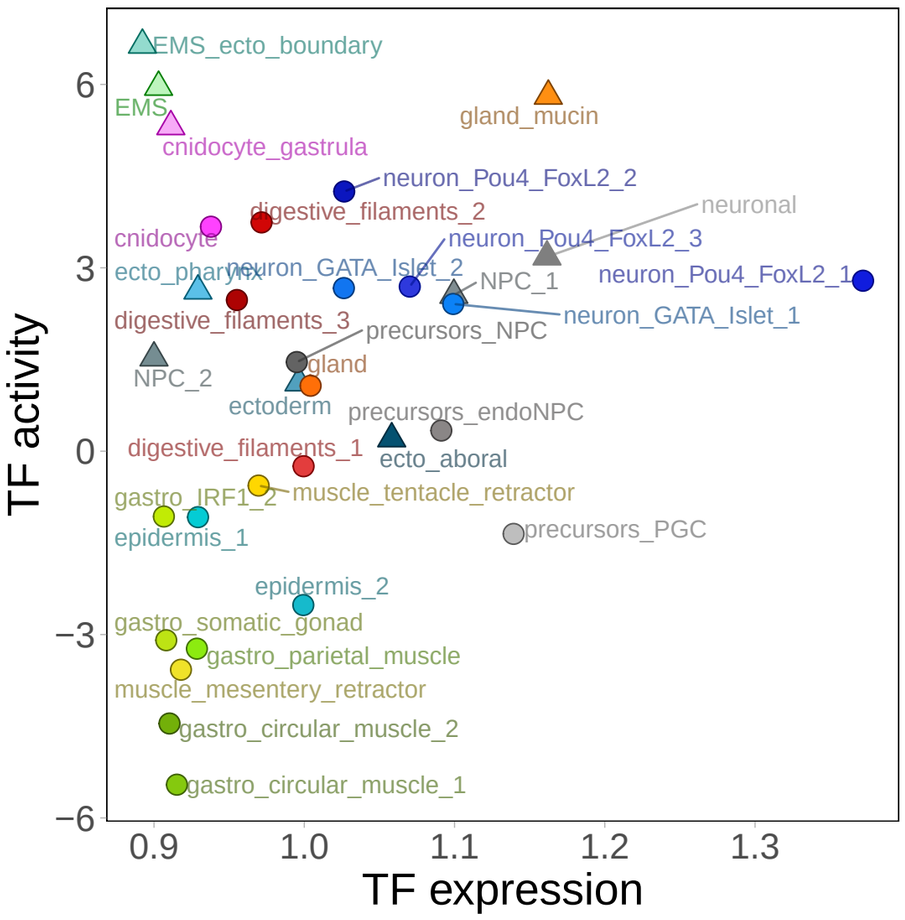


Nvec_vc1.1_XM_032363920.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/
PFAM: Homeodomain

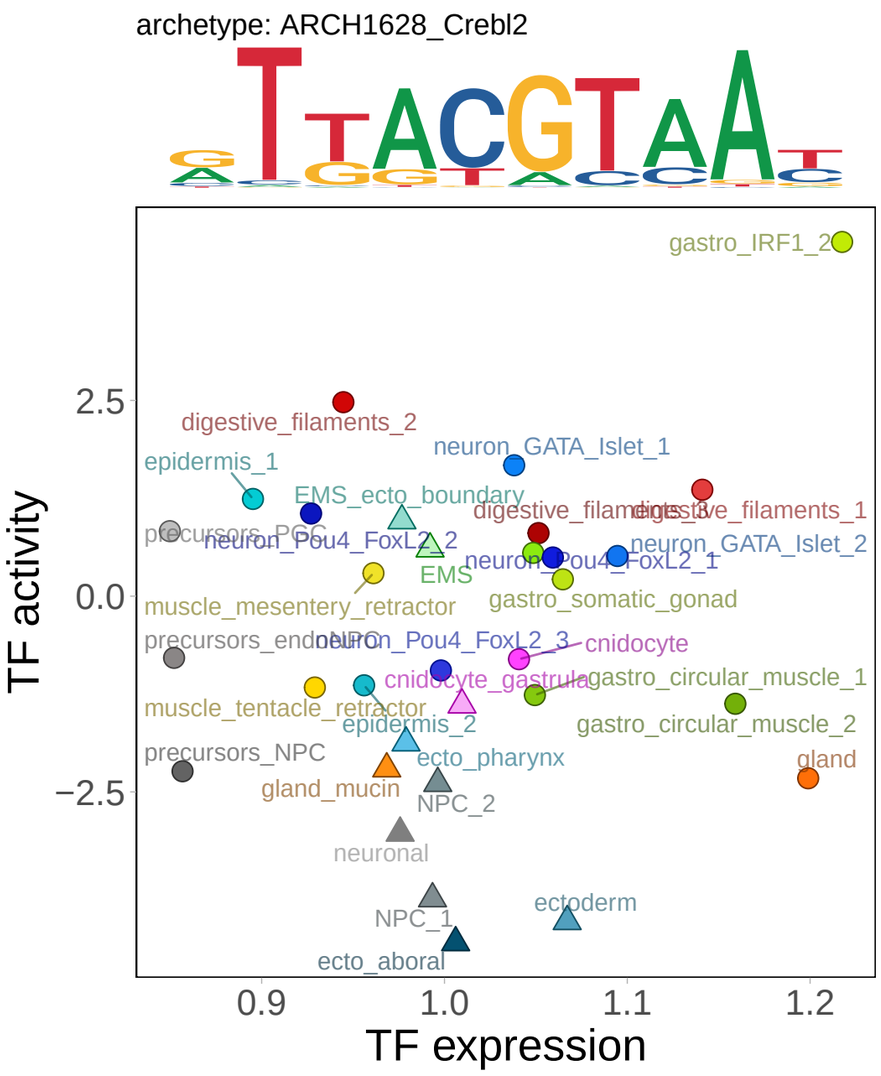


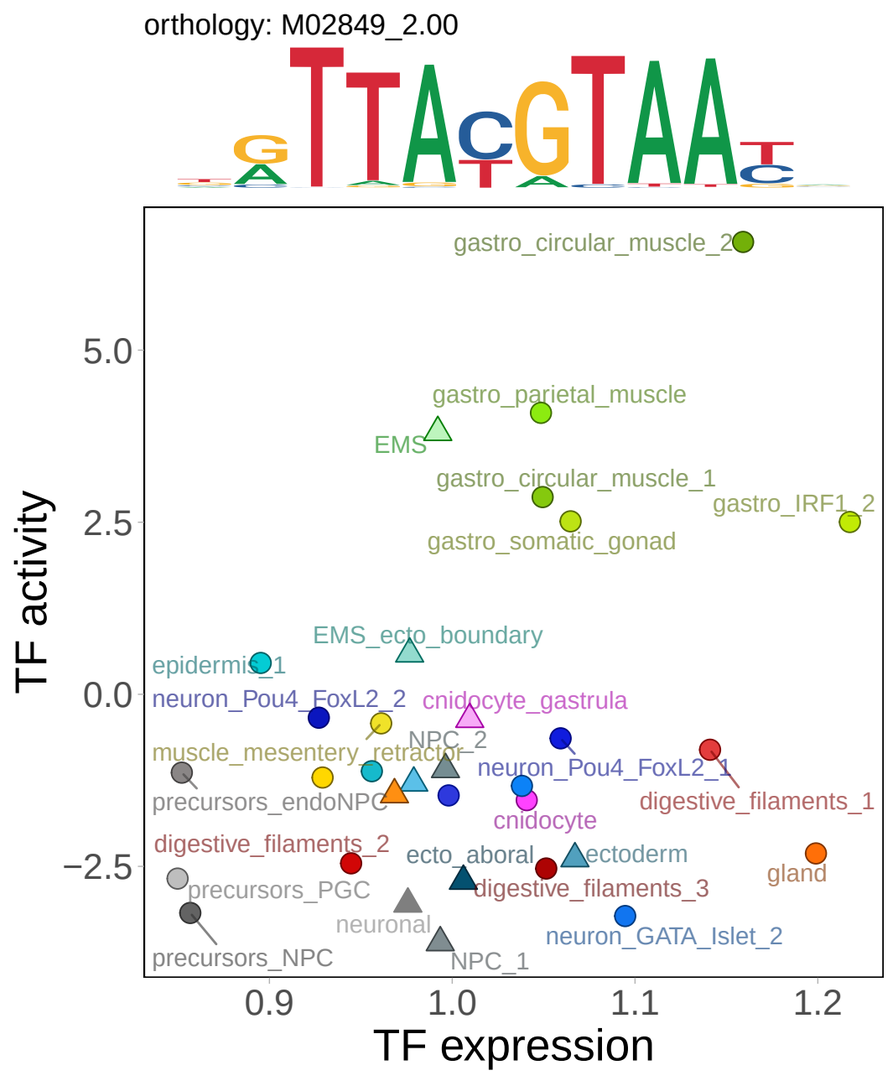


orthology: M08178_2.00

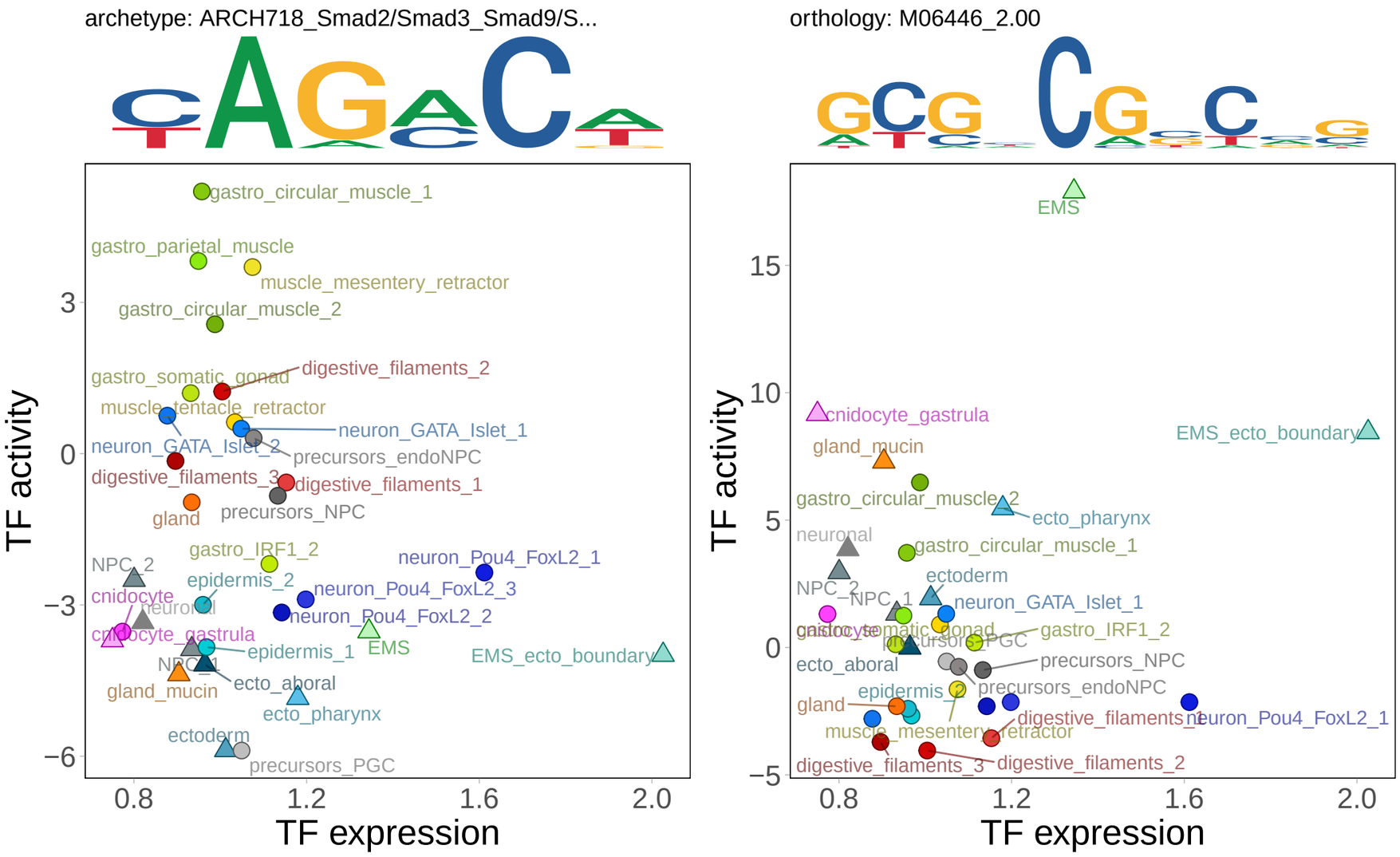


Nvec_vc1.1_XM_032363985.2
OG: bZIP.HG2.6:like:DBP/HLF/TEF
PFAM: bZIP_2

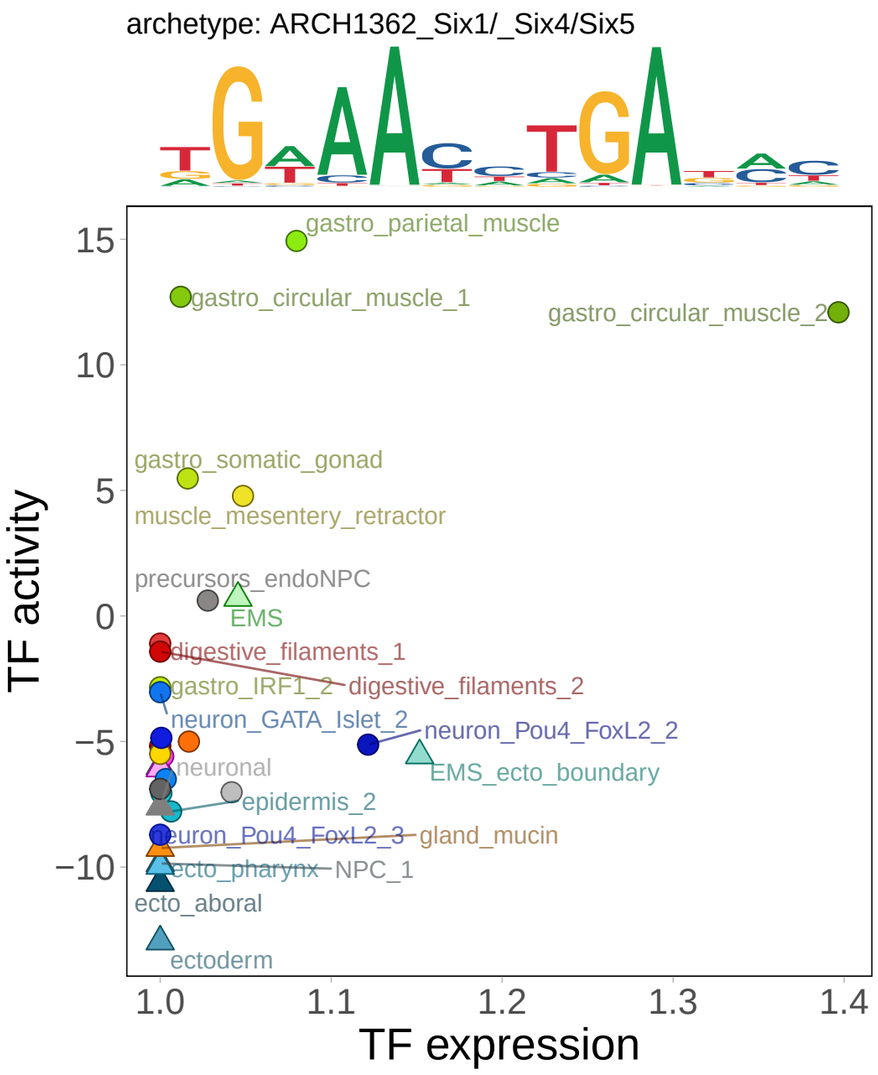


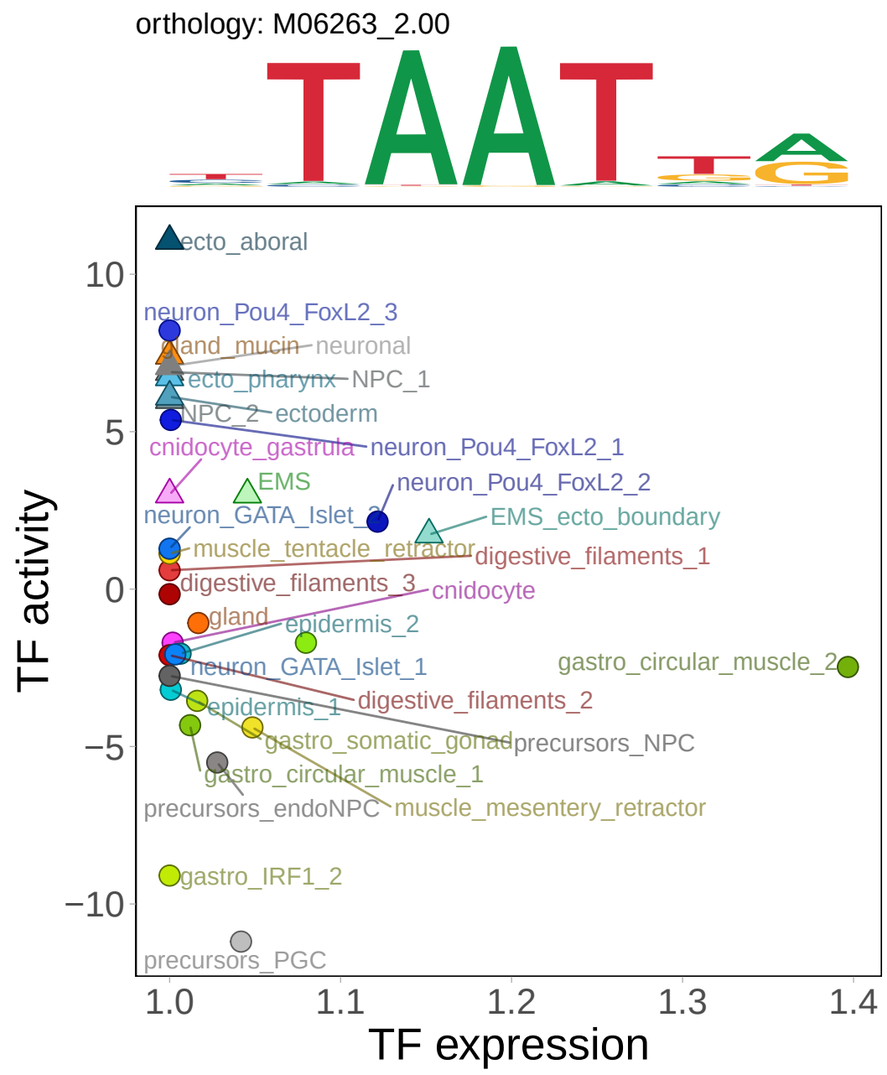


Nvec_vc1.1_XM_032364001.2
OG: SMAD_MH1.HG1.6:SMAD1/SMAD5/SMAD9
PFAM: MH1/MH2

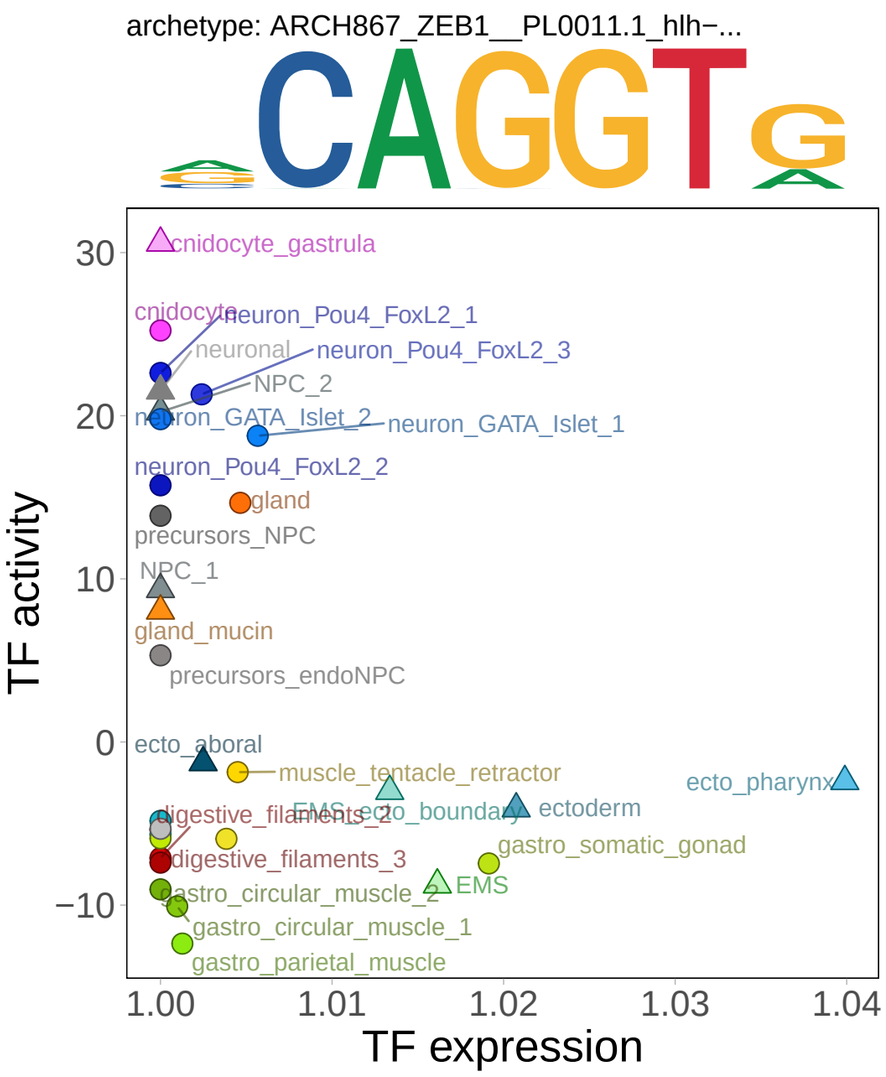


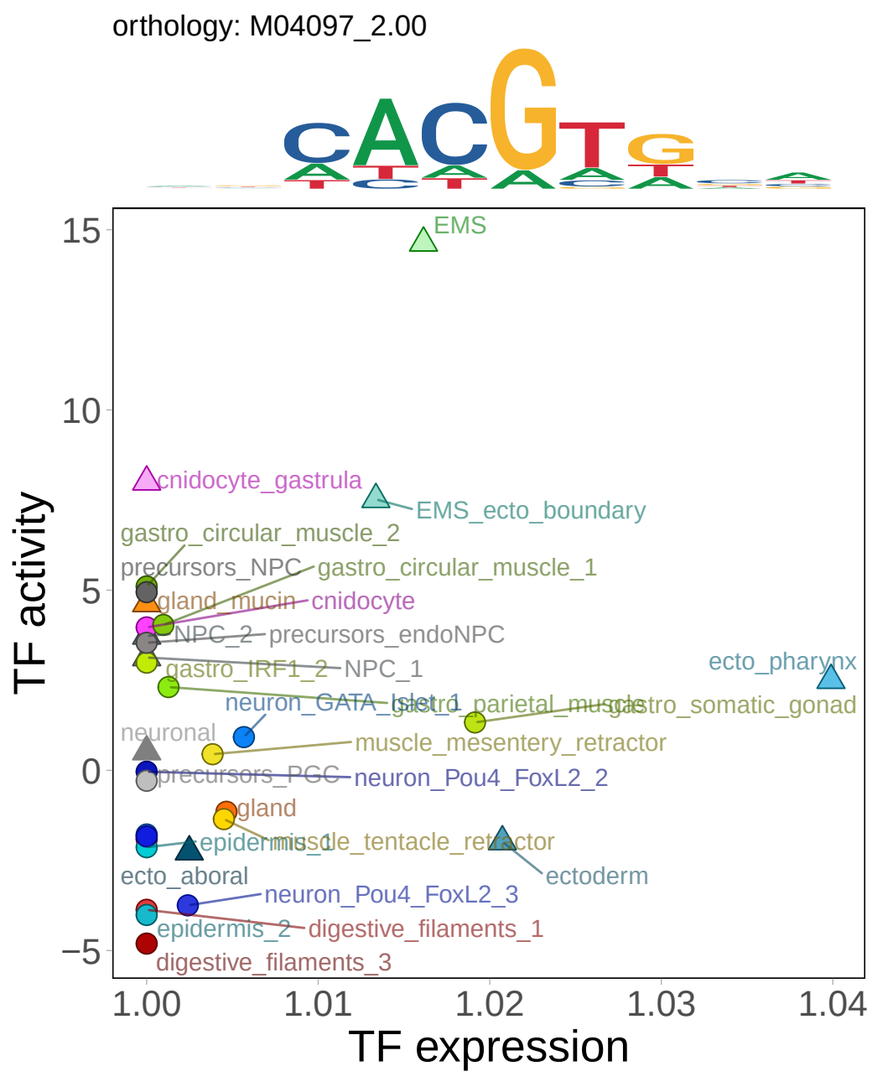
Nvec_vc1.1_XM_032364121.2
OG: Homeodomains.HG1.39:BARHL1/BARHL2
PFAM: Homeodomain



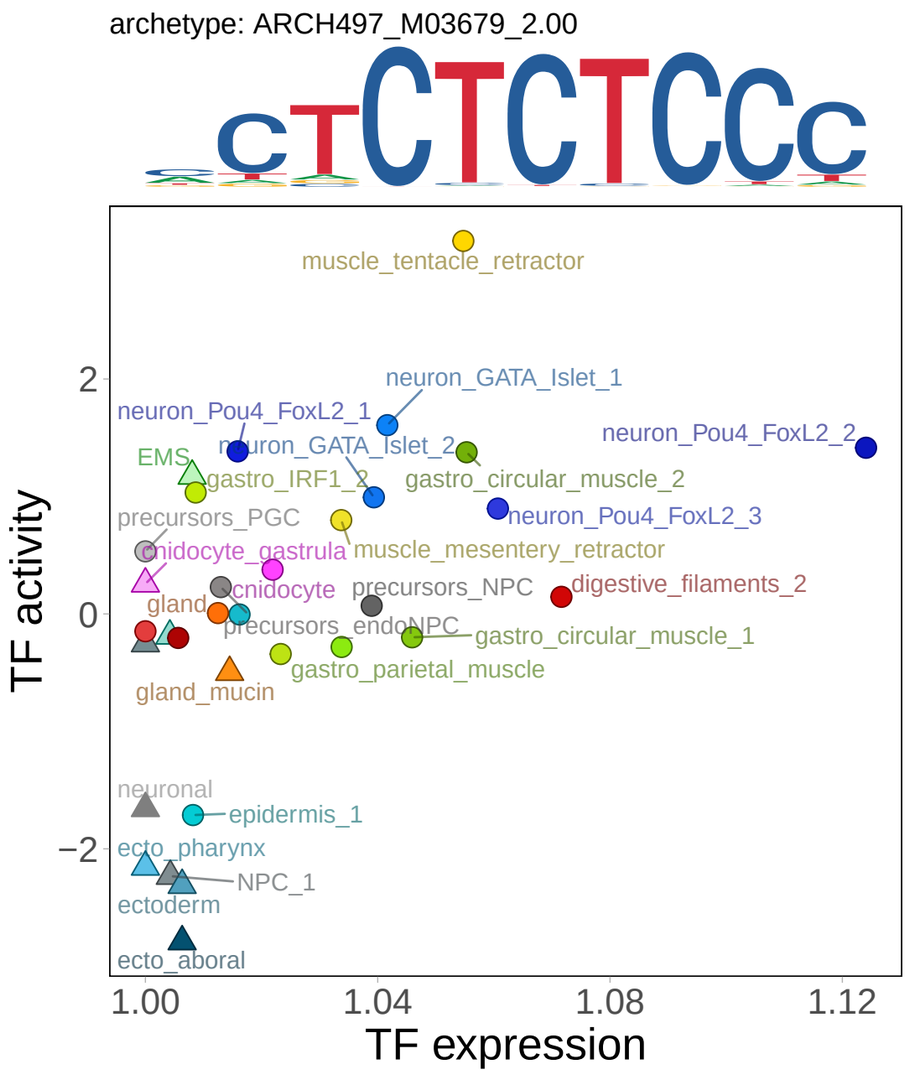


Nvec_vc1.1_XM_032364139.2
OG: HLH.HG1.8:CCDC169−SOHLH2/SOHLH2
PFAM: HLH

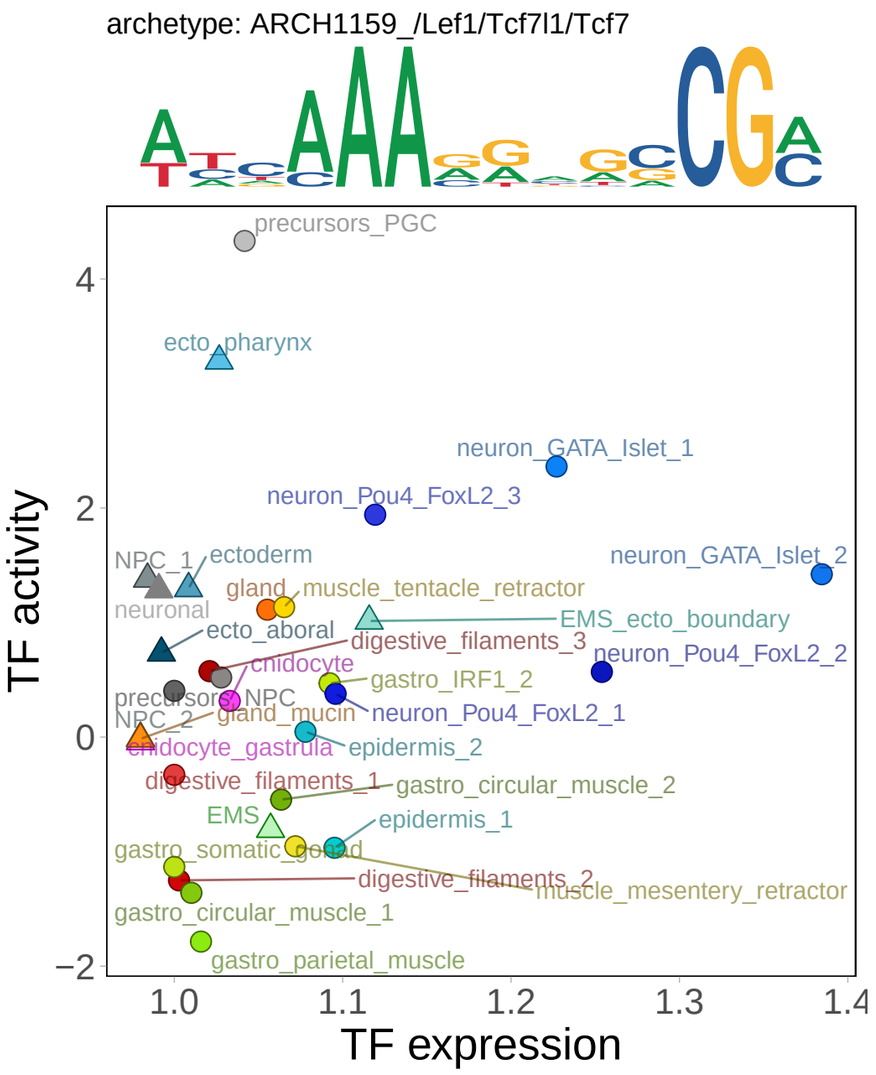


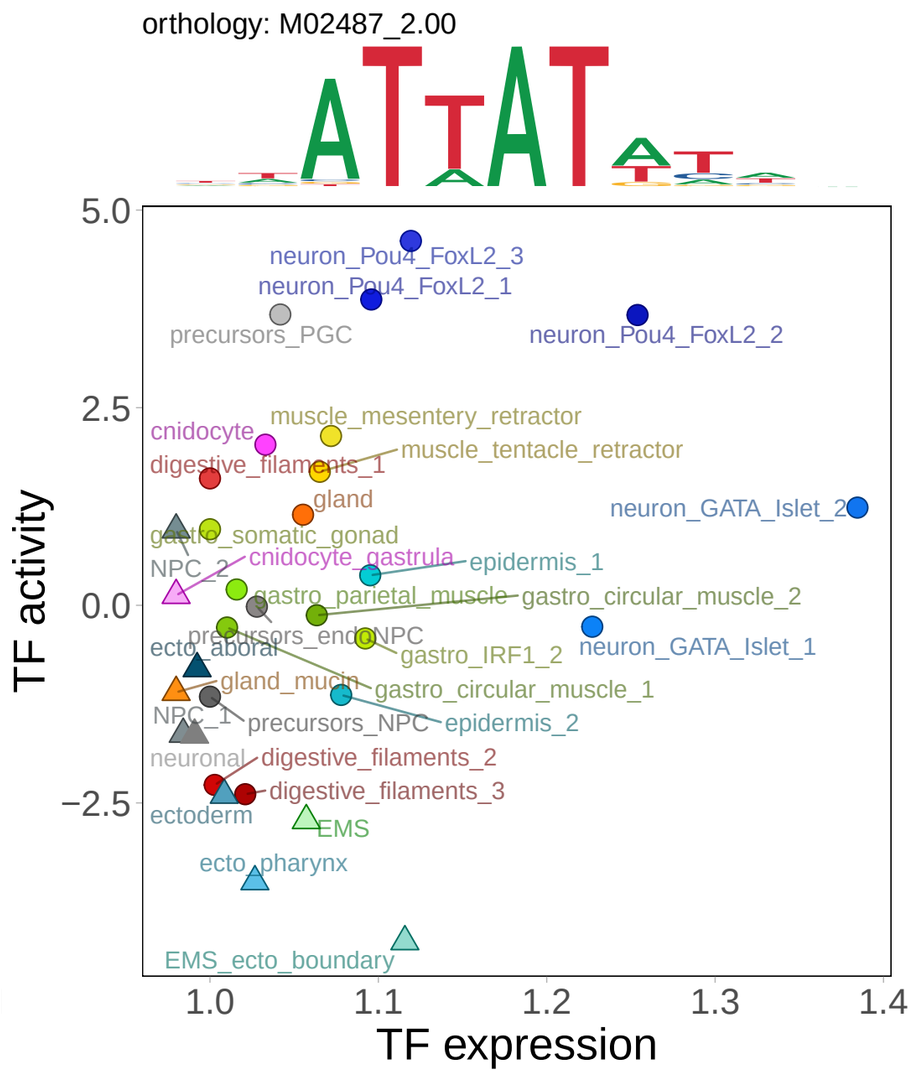


Nvec_vc1.1_XM_032364195.2
OG: zf−C2H2.HG3.22:like:HINFP/HIVEP2/HIVEP3/RREB1/YY1/YY2/ZFP42/ZFPM1/ZNF148/ZNF281/ZNF4
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

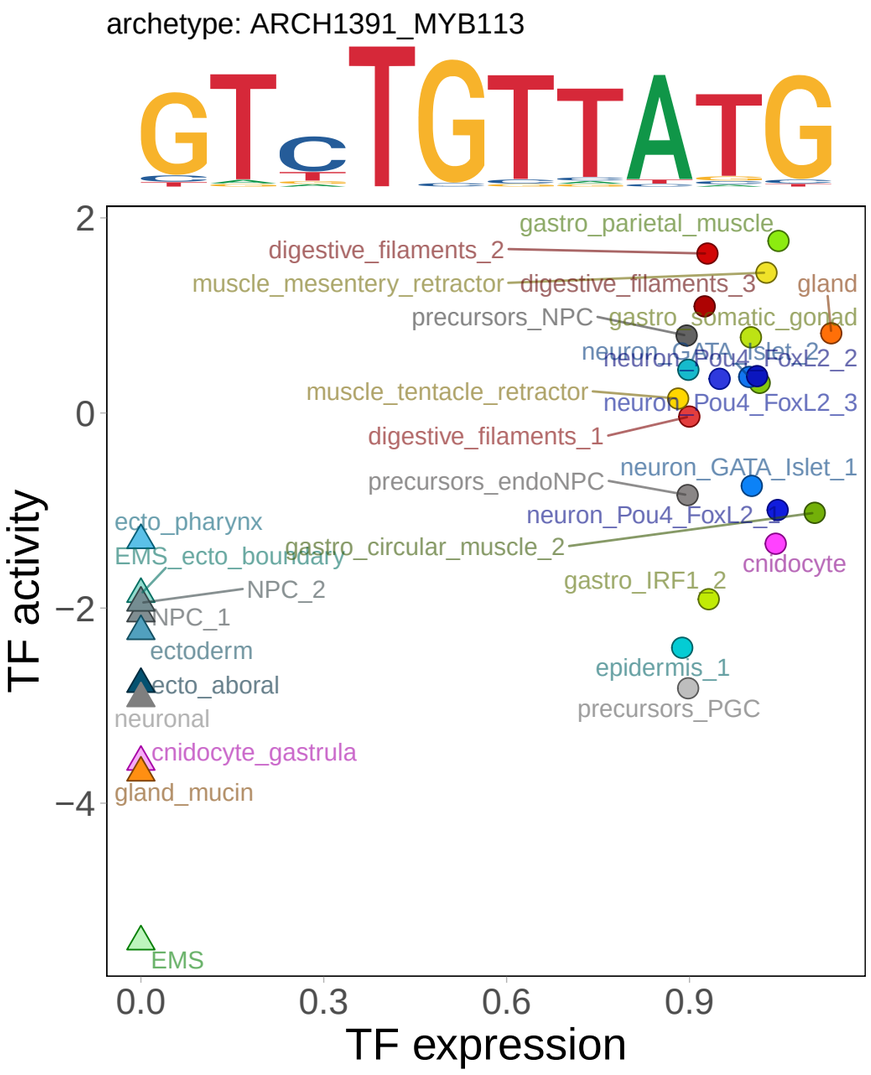


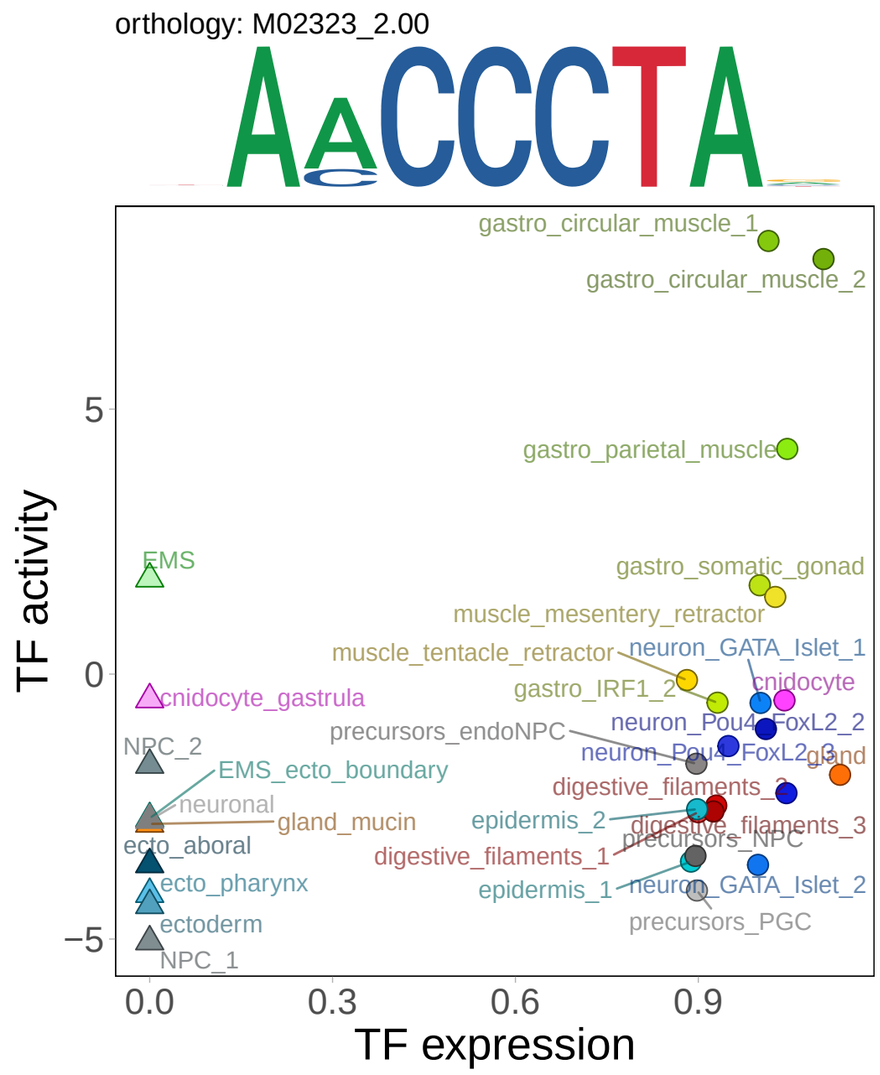
Nvec_vc1.1_XM_032364225.2
OG: HMGbox_Sox.HG1.64:like:HMG20B
PFAM: HMG_box



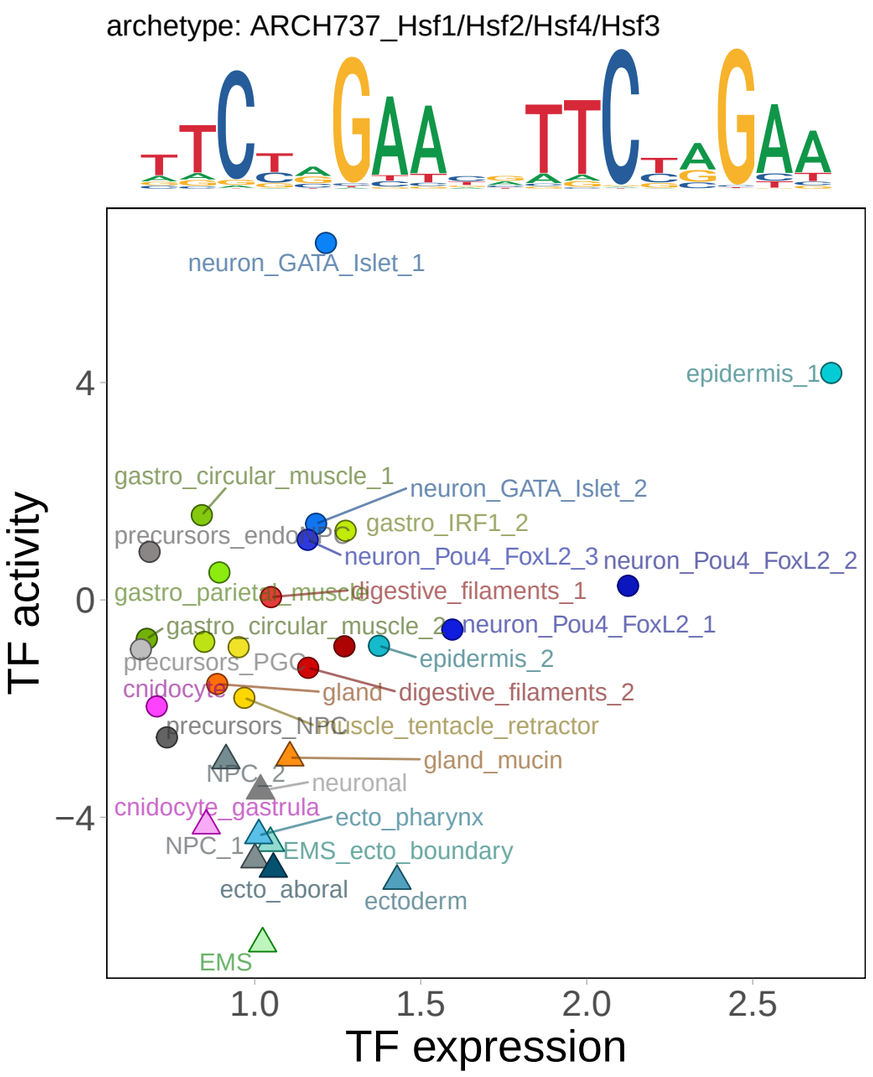


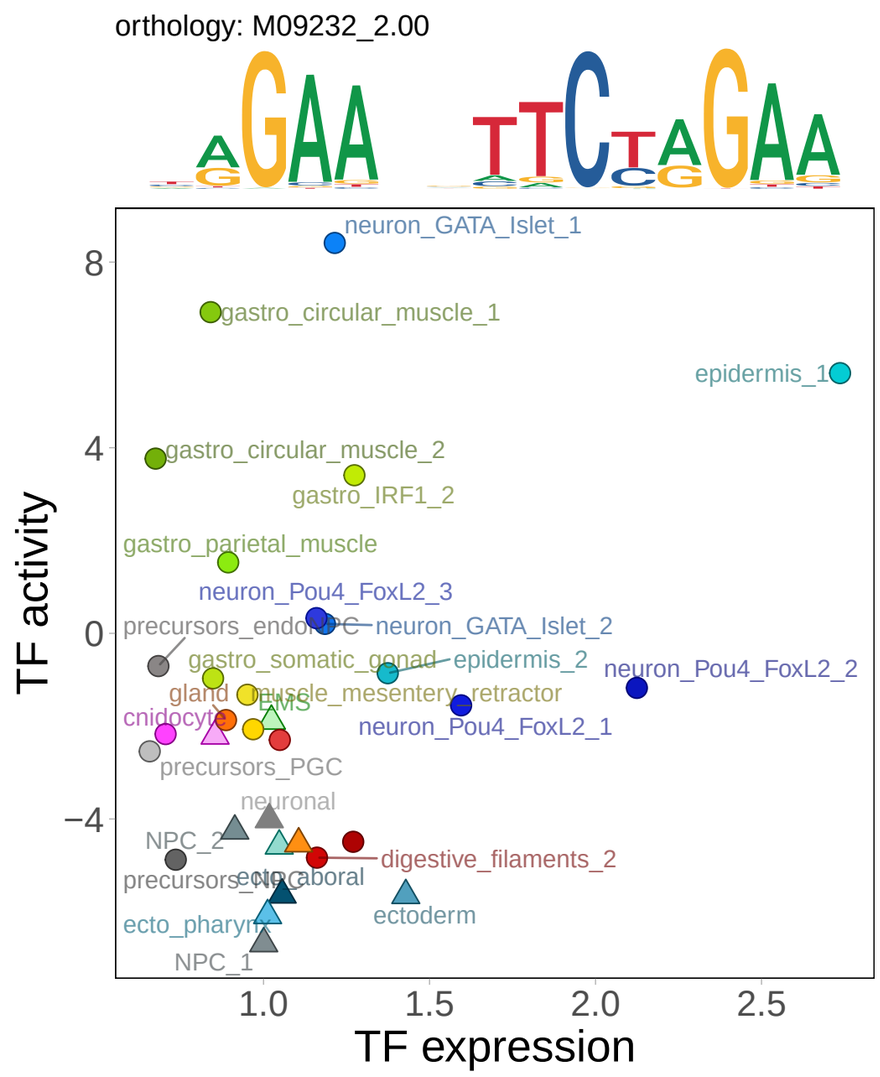
Nvec_vc1.1_XM_032364281.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding



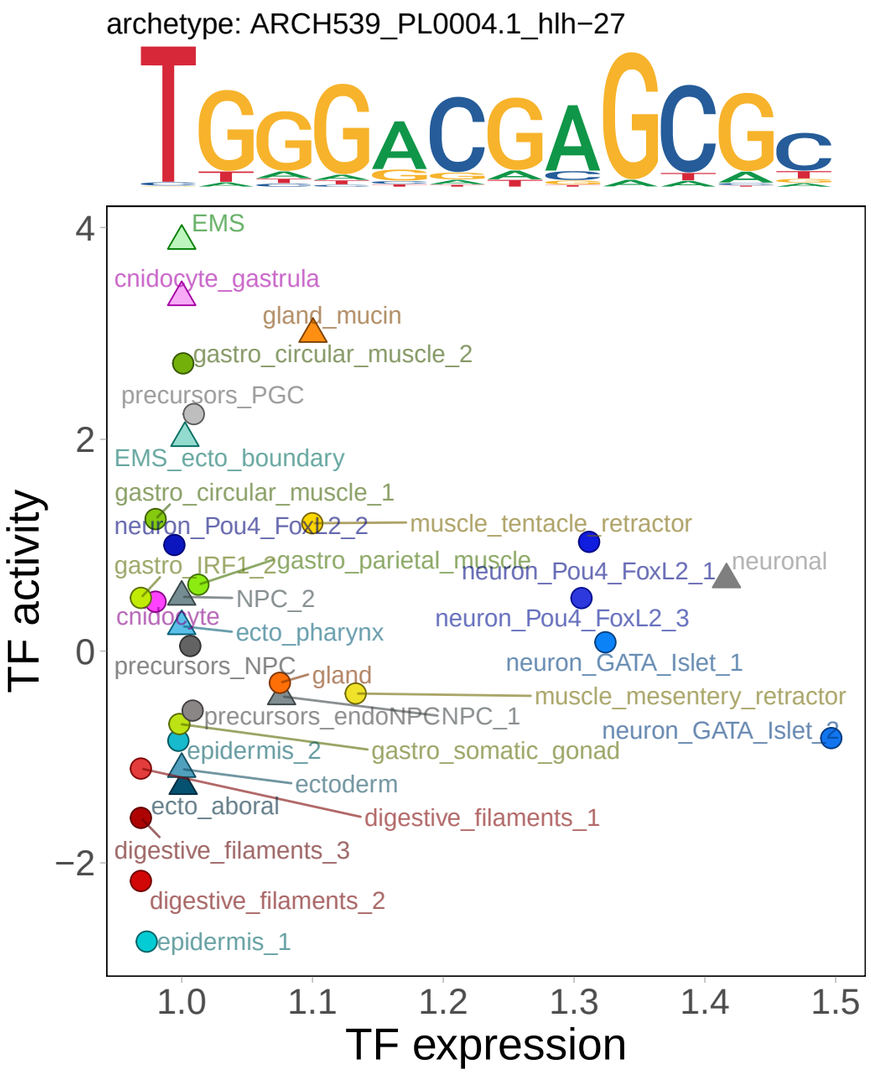


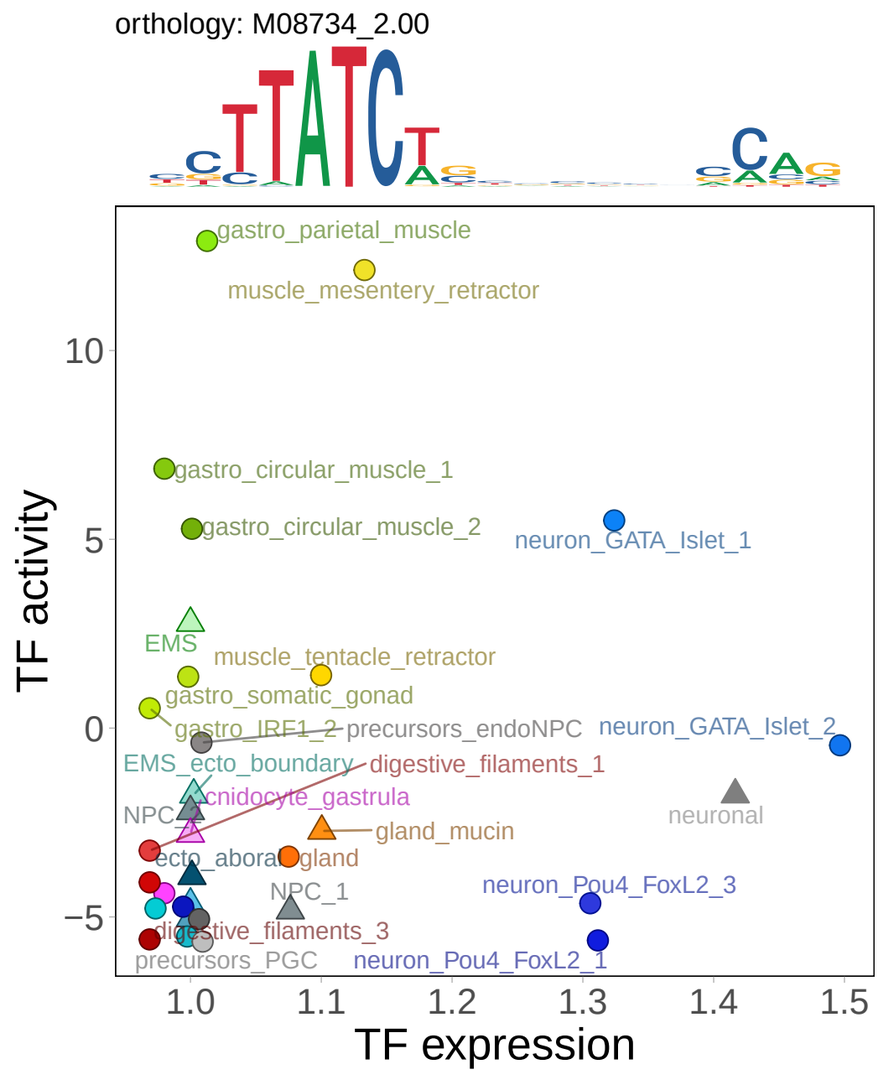
Nvec_vc1.1_XM_032364329.2
OG: HSF.HG1.5:HSF1/HSF2/HSF4
PFAM: HSF_DNA−bind/Vert_HS_TF



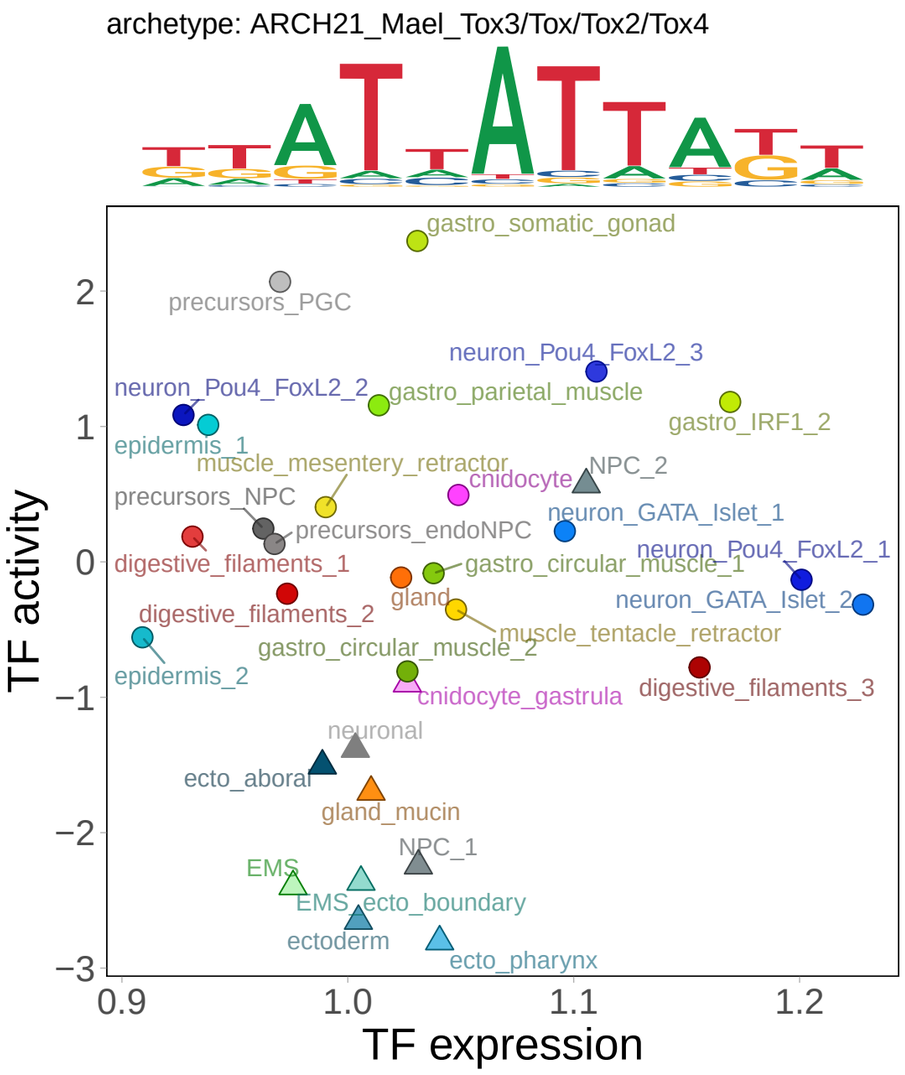


Nvec_vc1.1_XM_032364348.2
OG: HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5/ATOH1/ATOH7/ATOH8/BHLHA9/BHLHA15/BH
PFAM: HLH

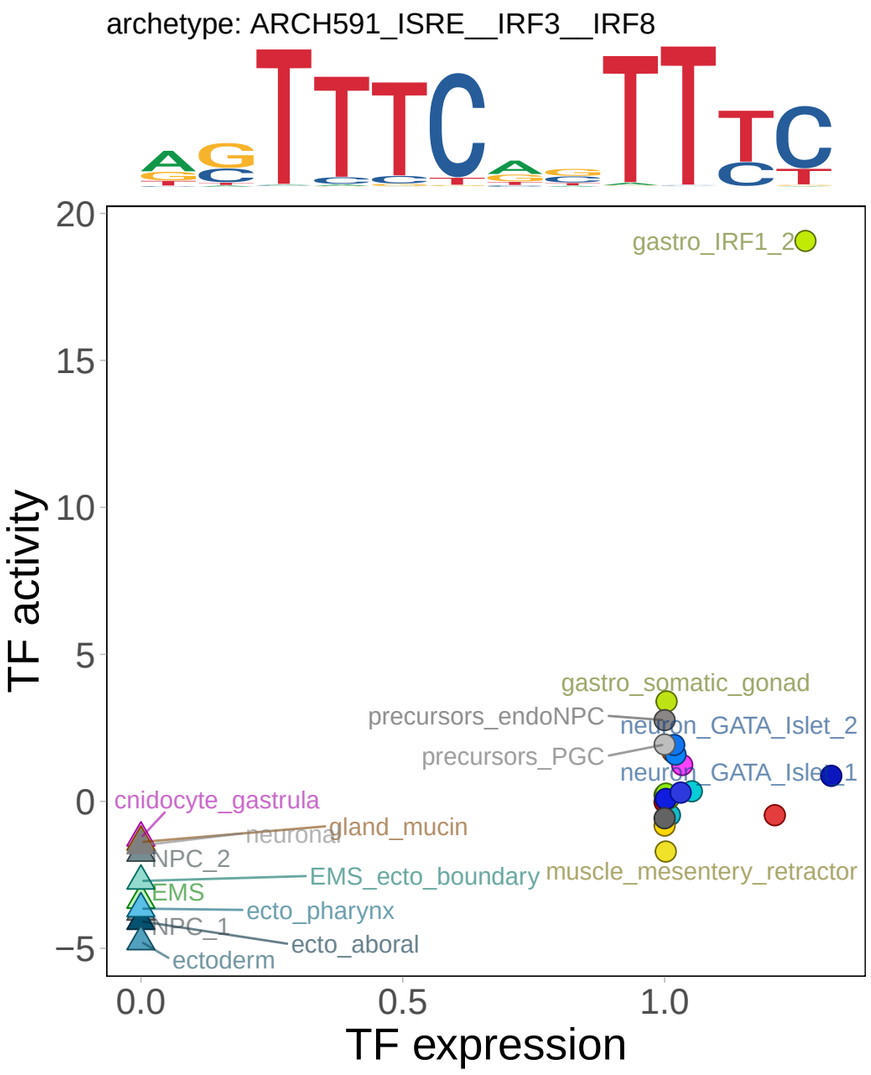


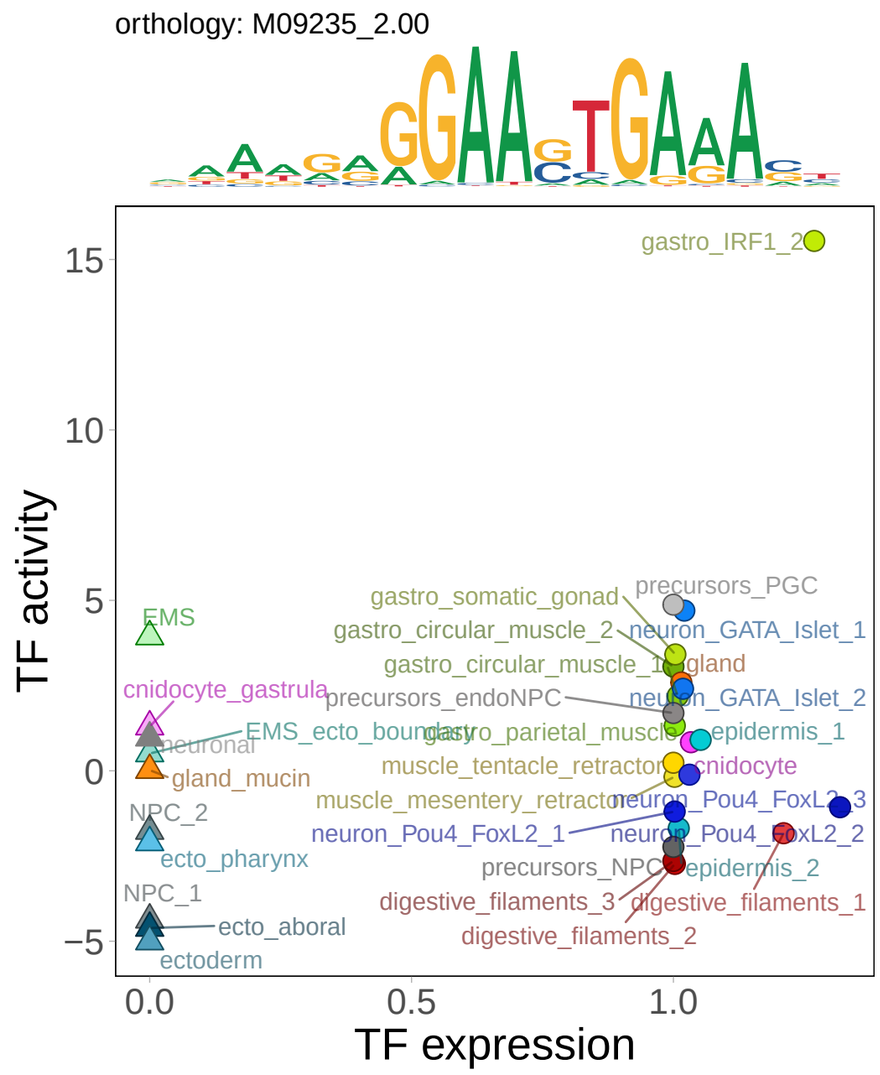


Nvec_vc1.1_XM_032364359.2
OG: HMGbox_Sox.HG1.40:TOX/TOX2/TOX3/TOX4
PFAM: HMG_box

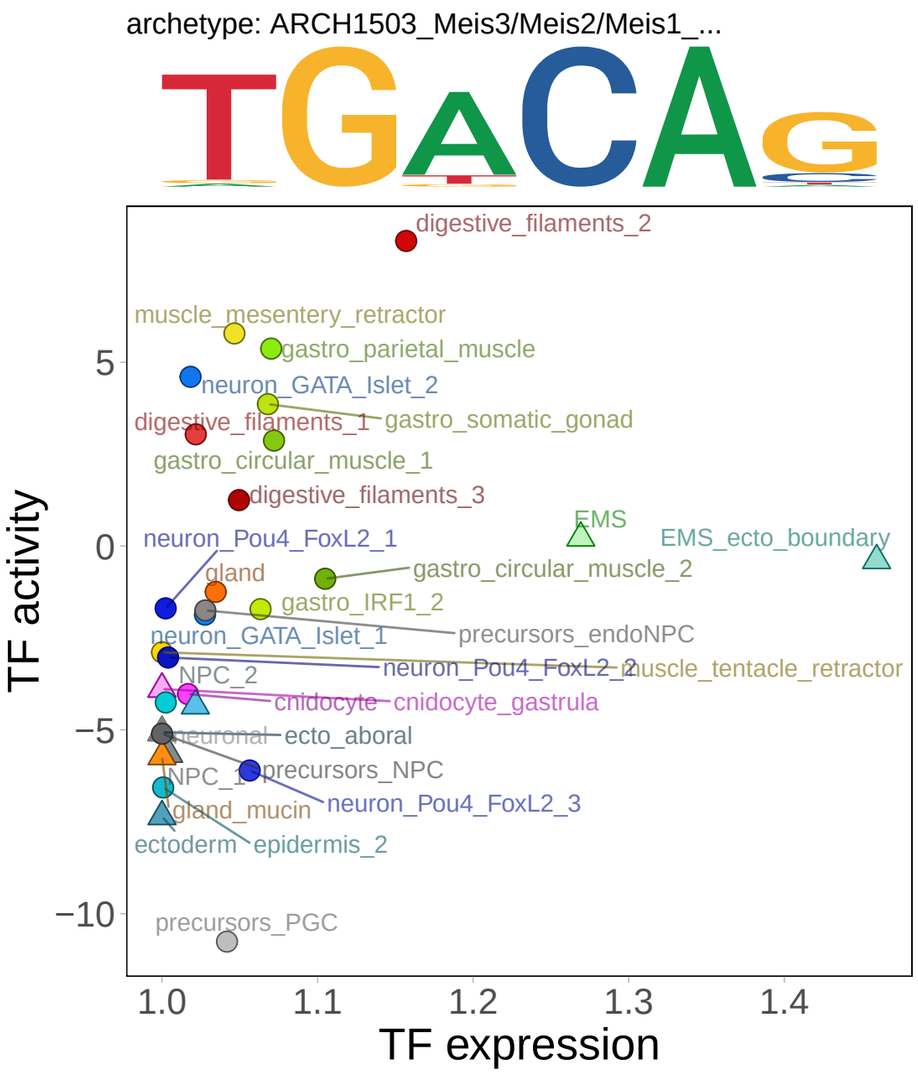


Nvec_vc1.1_XM_032364373.2
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9
PFAM: IRF

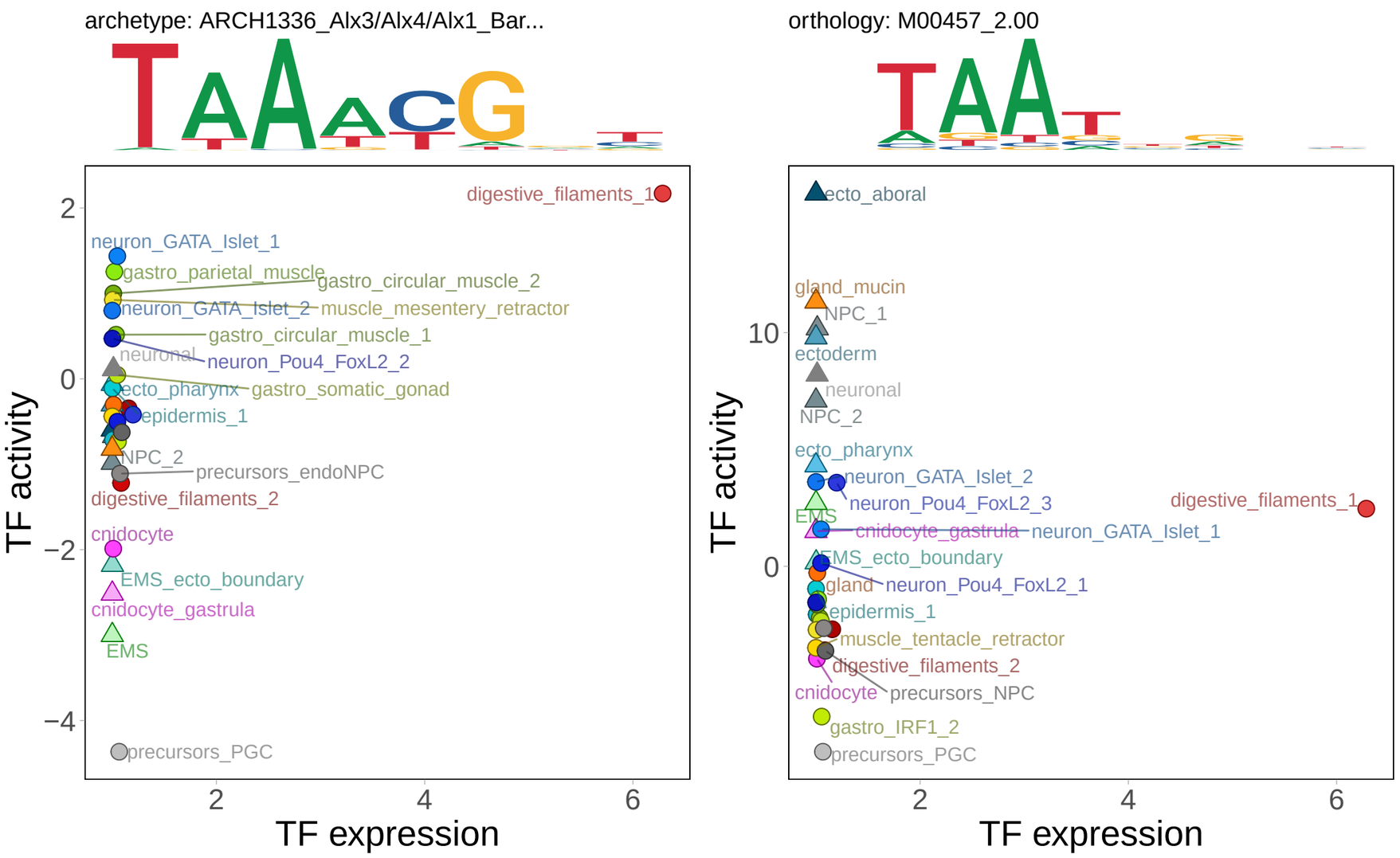




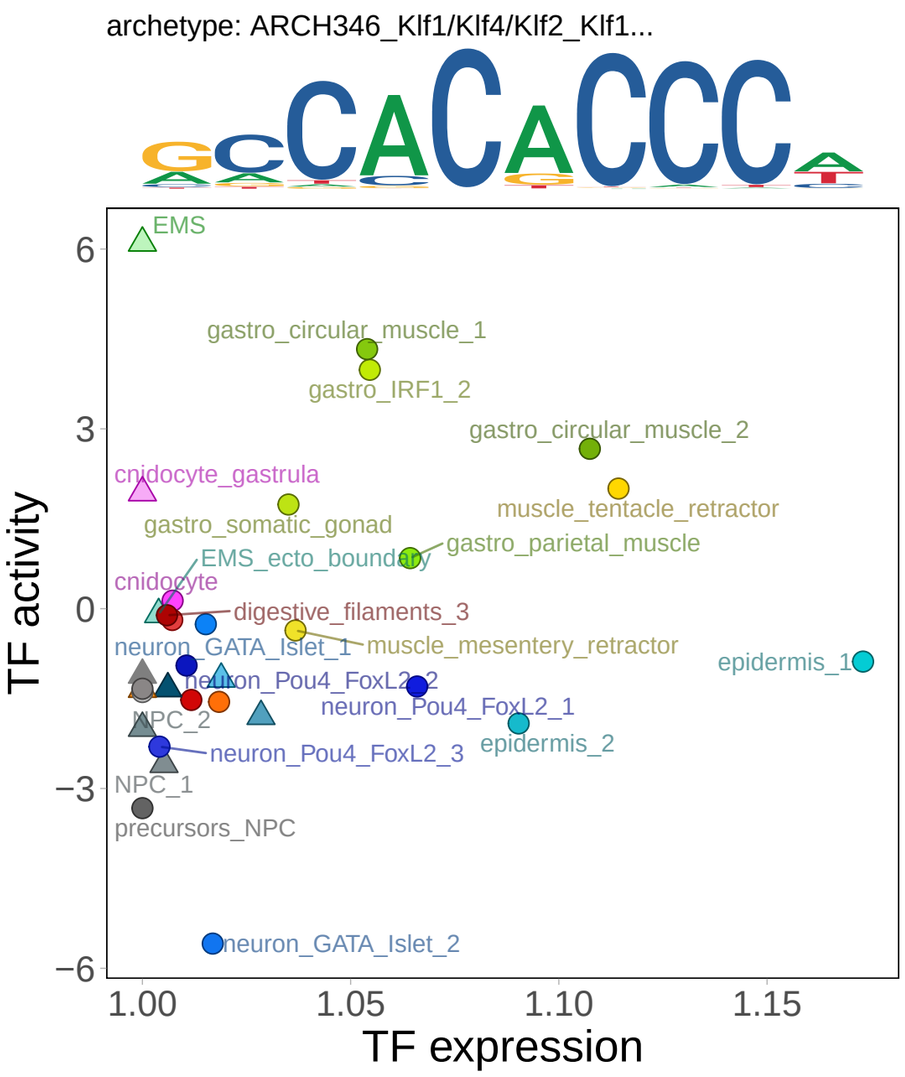
Nvec_vc1.1_XM_032364561.2
OG: Homeodomains.HG2.0:HNF1A/HNF1B
PFAM: HNF−1_N/Homeodomain



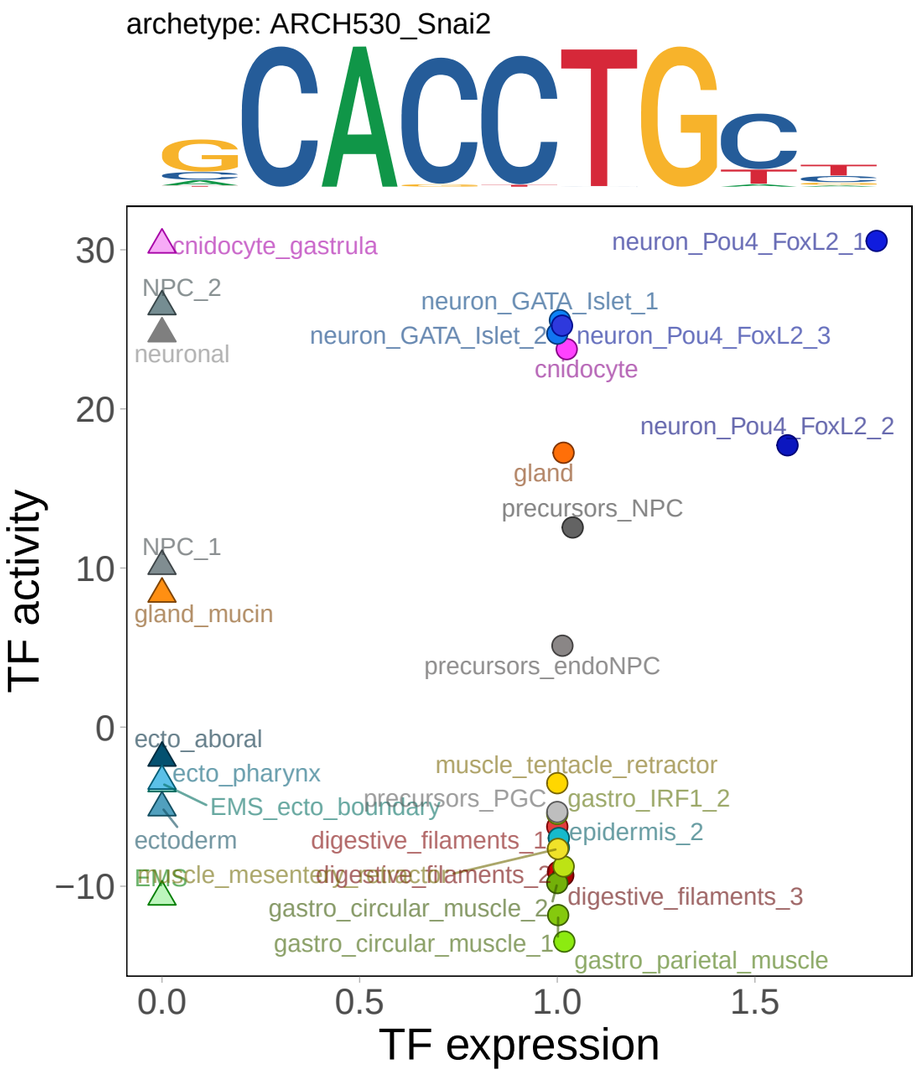
Nvec_vc1.1_XM_032364605.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain



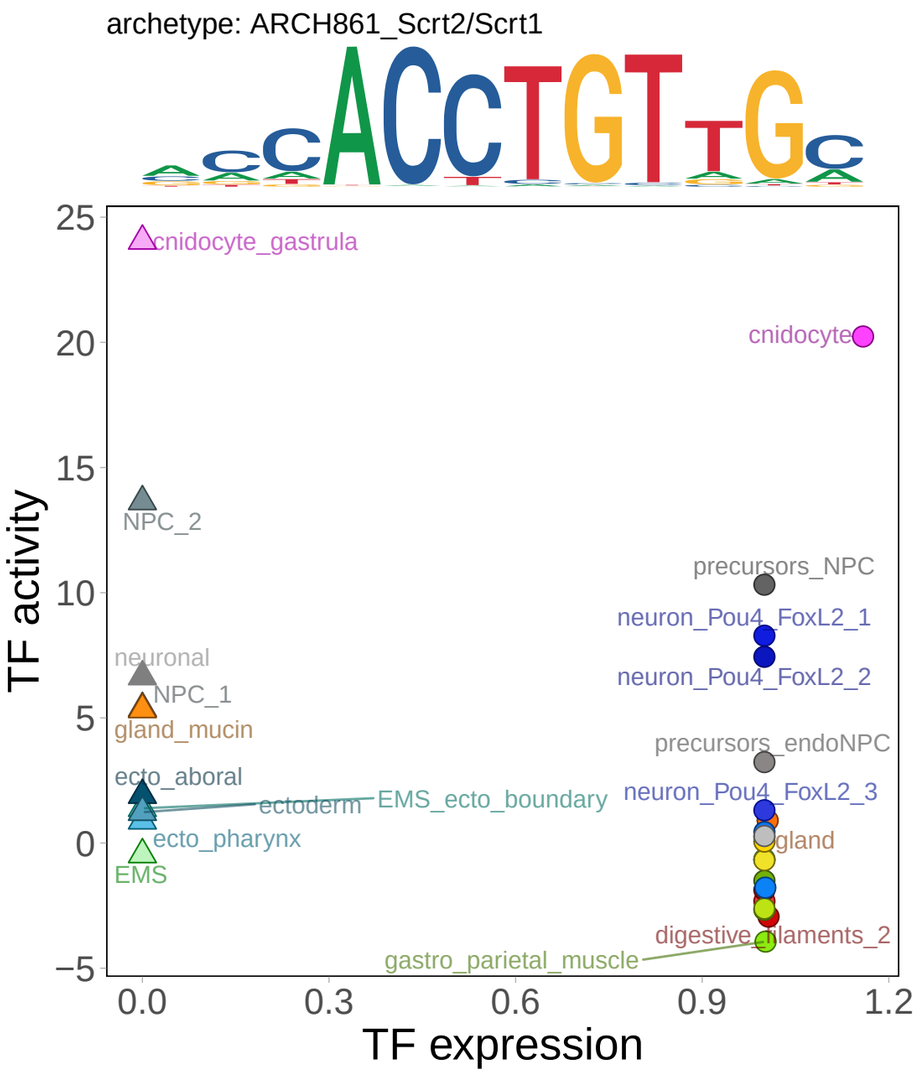
Nvec_vc1.1_XM_032364704.2
OG: zf−C2H2.HG4.1:like:GLI1/GLI2/GLI3/GLIS1/GLIS2/GLIS3
PFAM: zf−C2H2



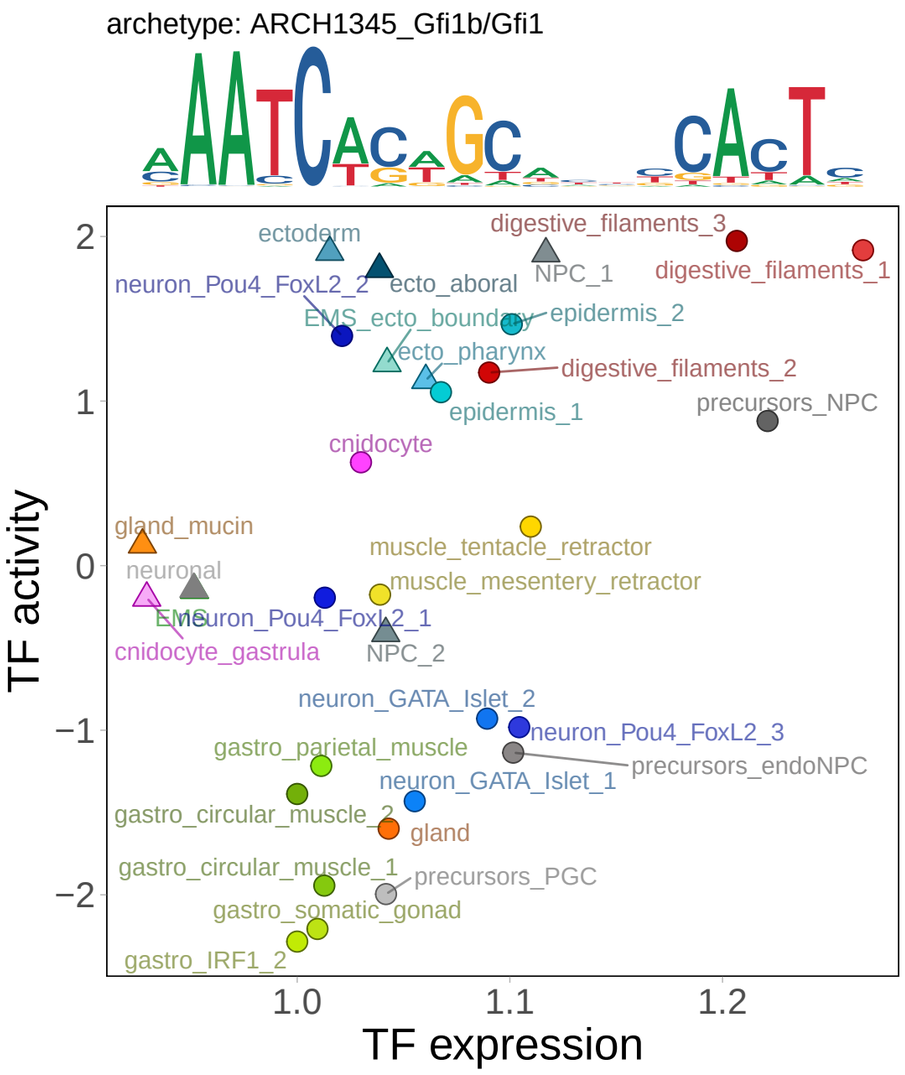
Nvec_vc1.1_XM_032364814.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



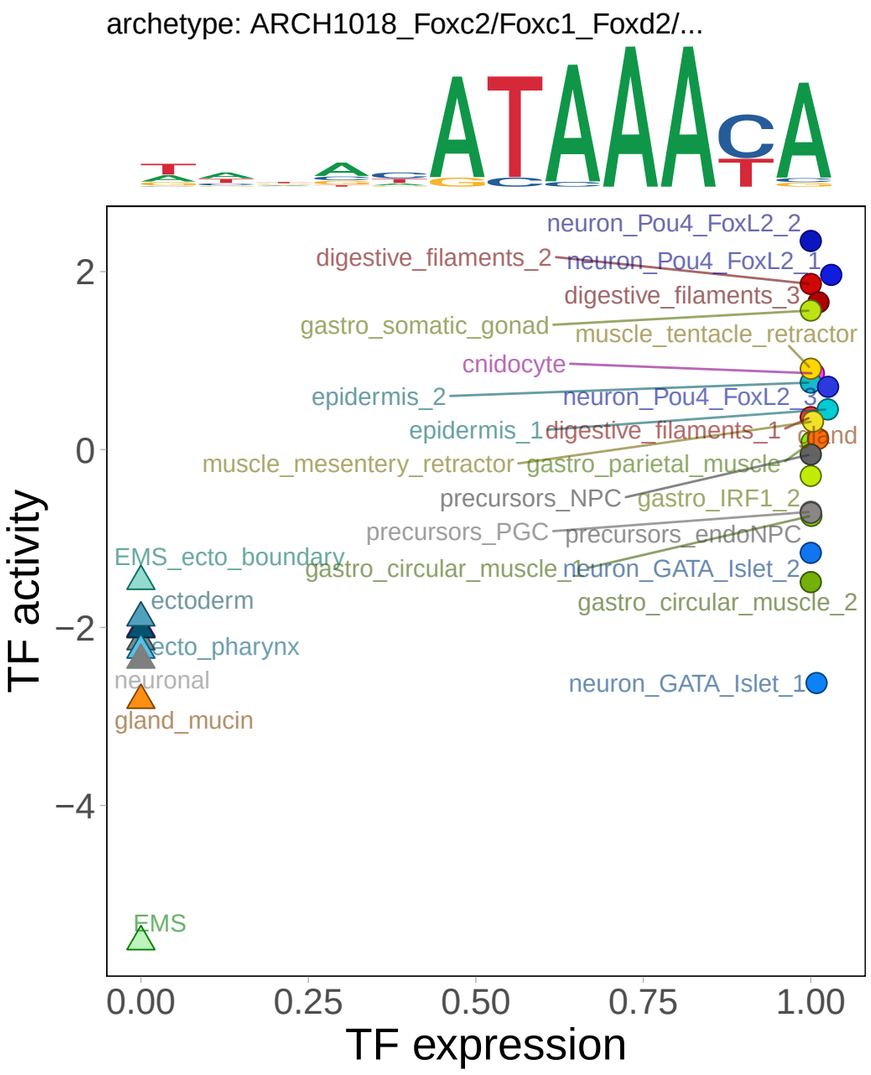
Nvec_vc1.1_XM_032364851.2
OG: zf−C2H2.HG1.32:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

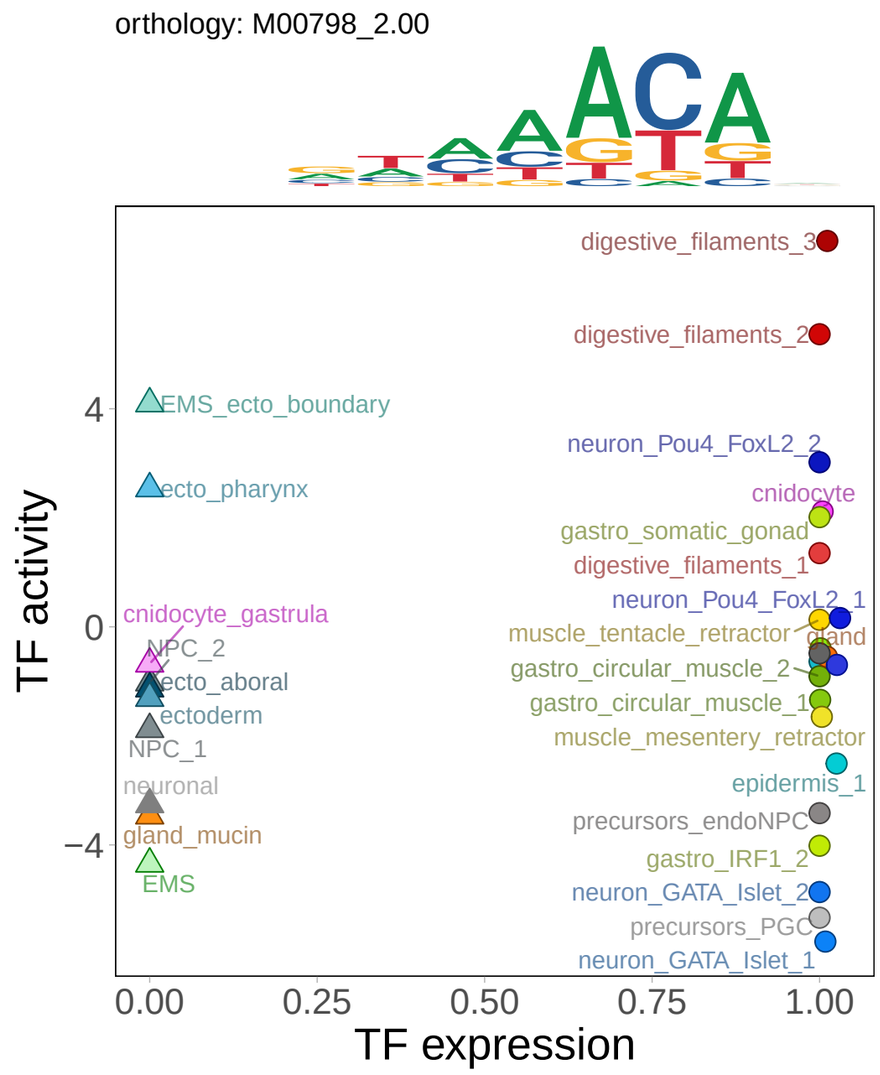


Nvec_vc1.1_XM_032364903.2
OG: zf−C2H2.HG1.57:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2

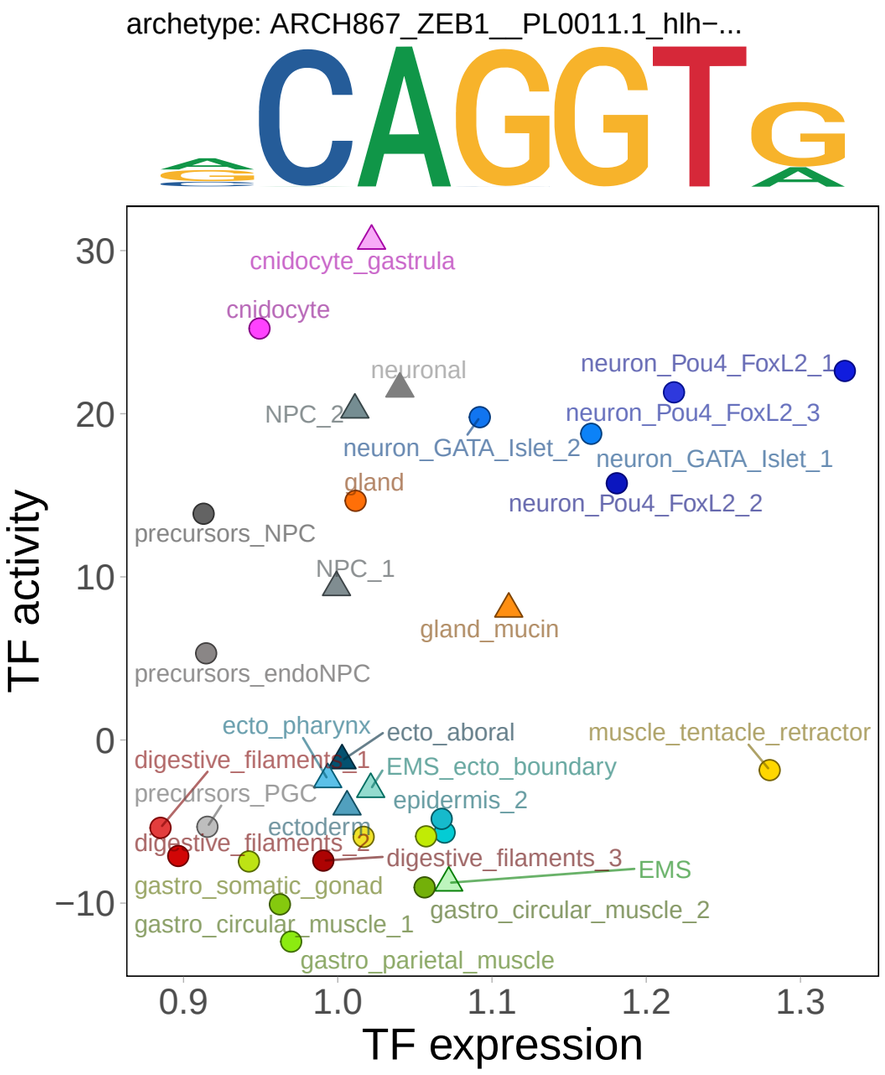


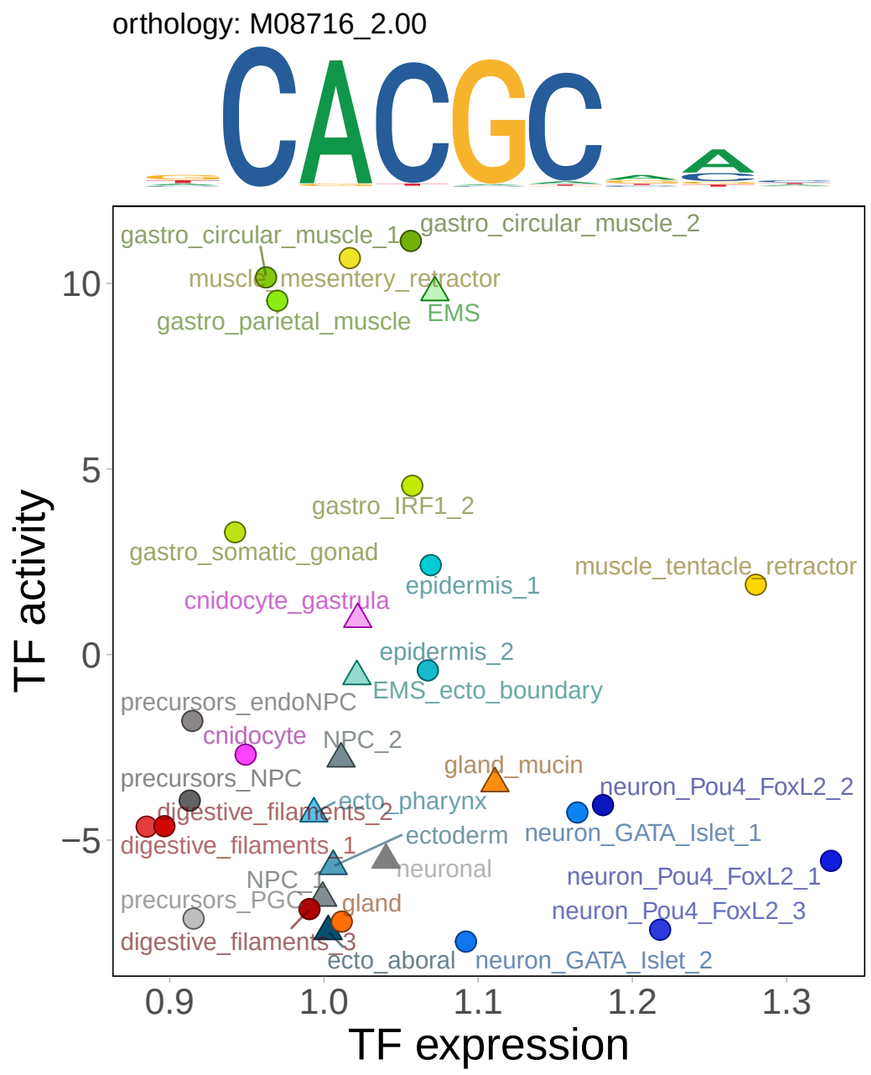
Nvec_vc1.1_XM_032365104.2
OG: Forkhead.HG1.34:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6
PFAM: Forkhead



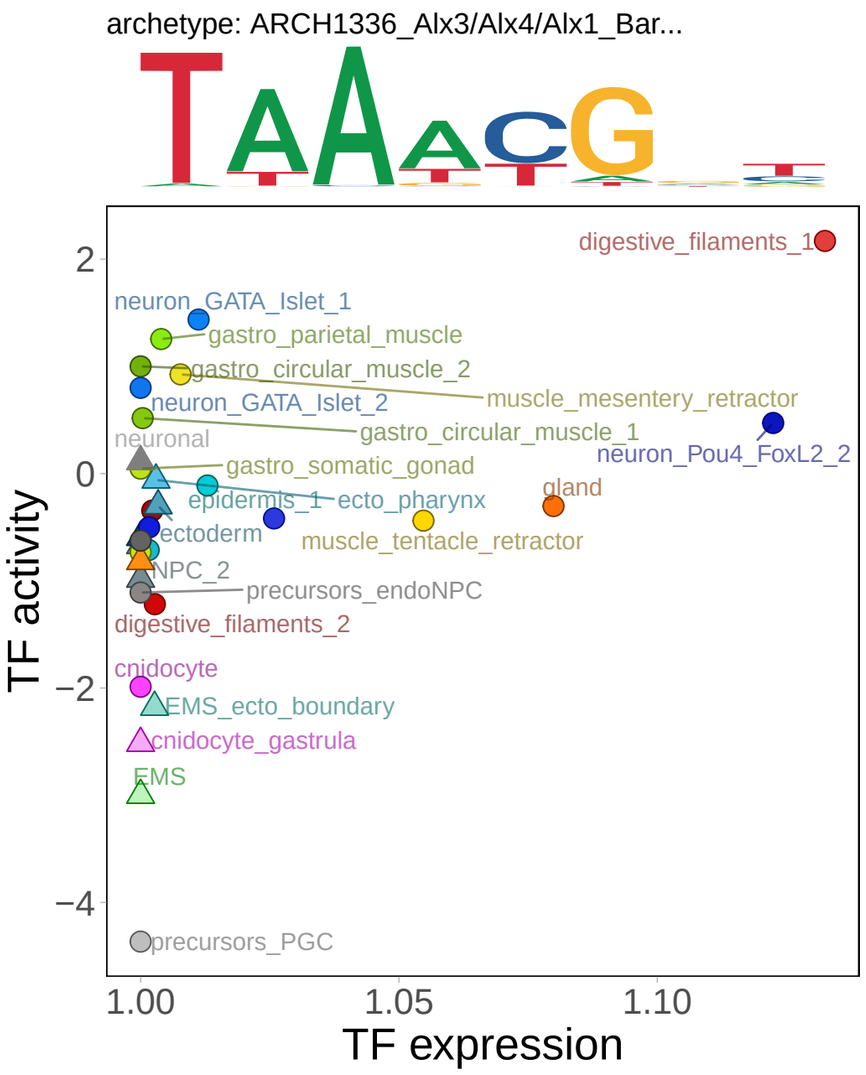


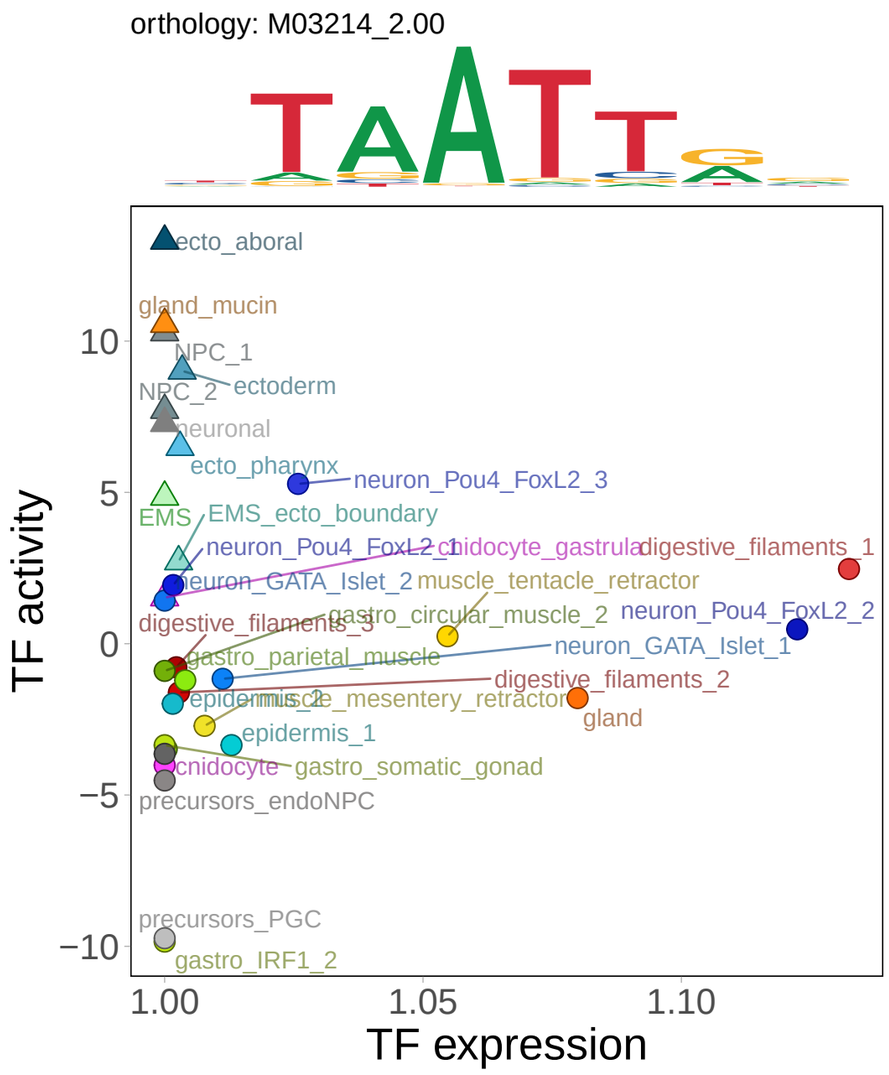
Nvec_vc1.1_XM_032365192.2
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCOA1/NPAS1/NPAS2/S
PFAM: HLH/PAS



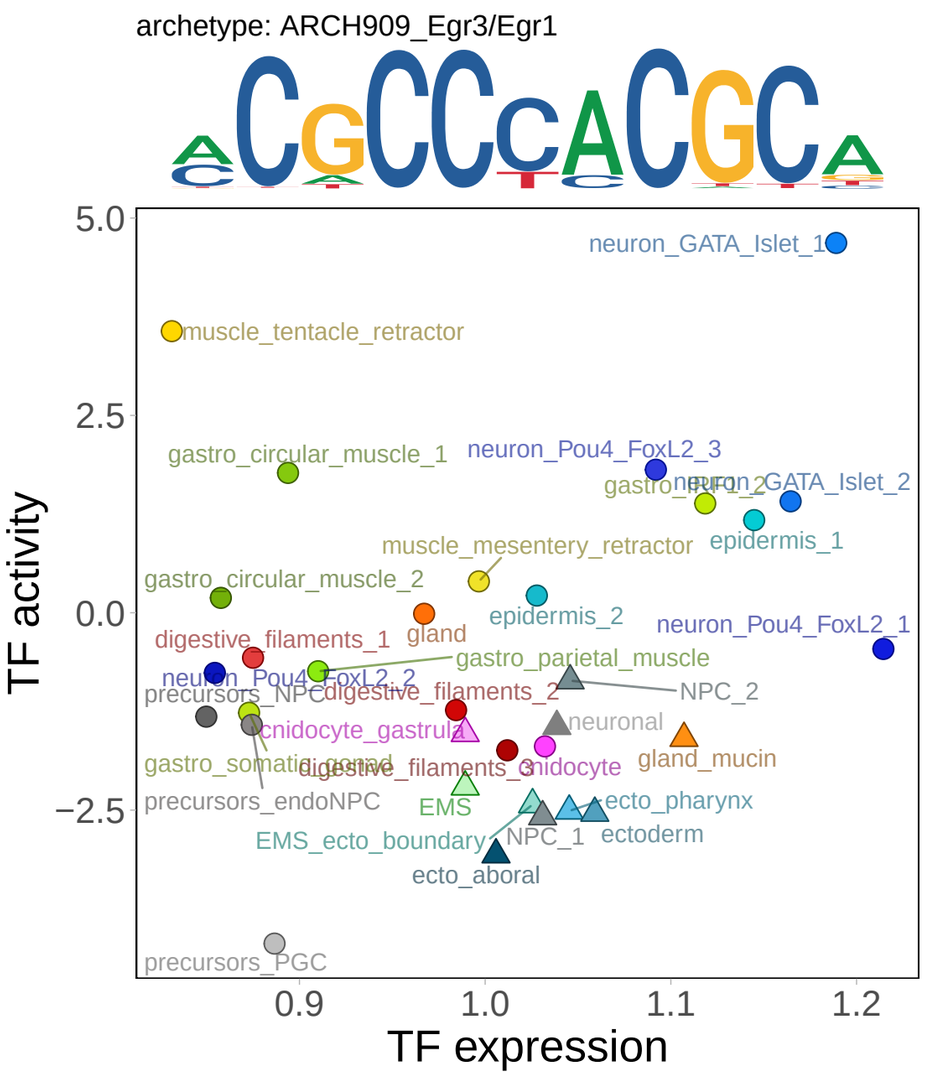


Nvec_vc1.1_XM_032365212.2
OG: Homeodomains.HG2.3:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/CRX/DMBX1/DPRX/D
PFAM: Homeodomain

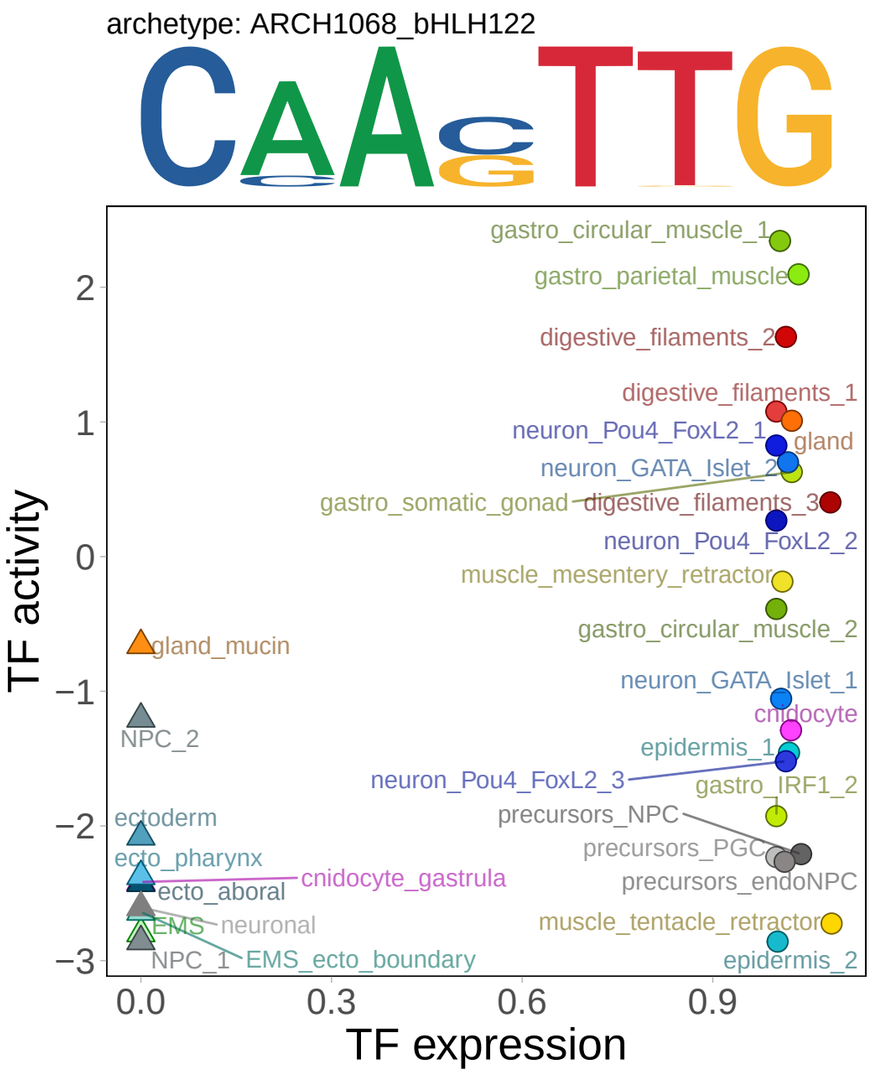


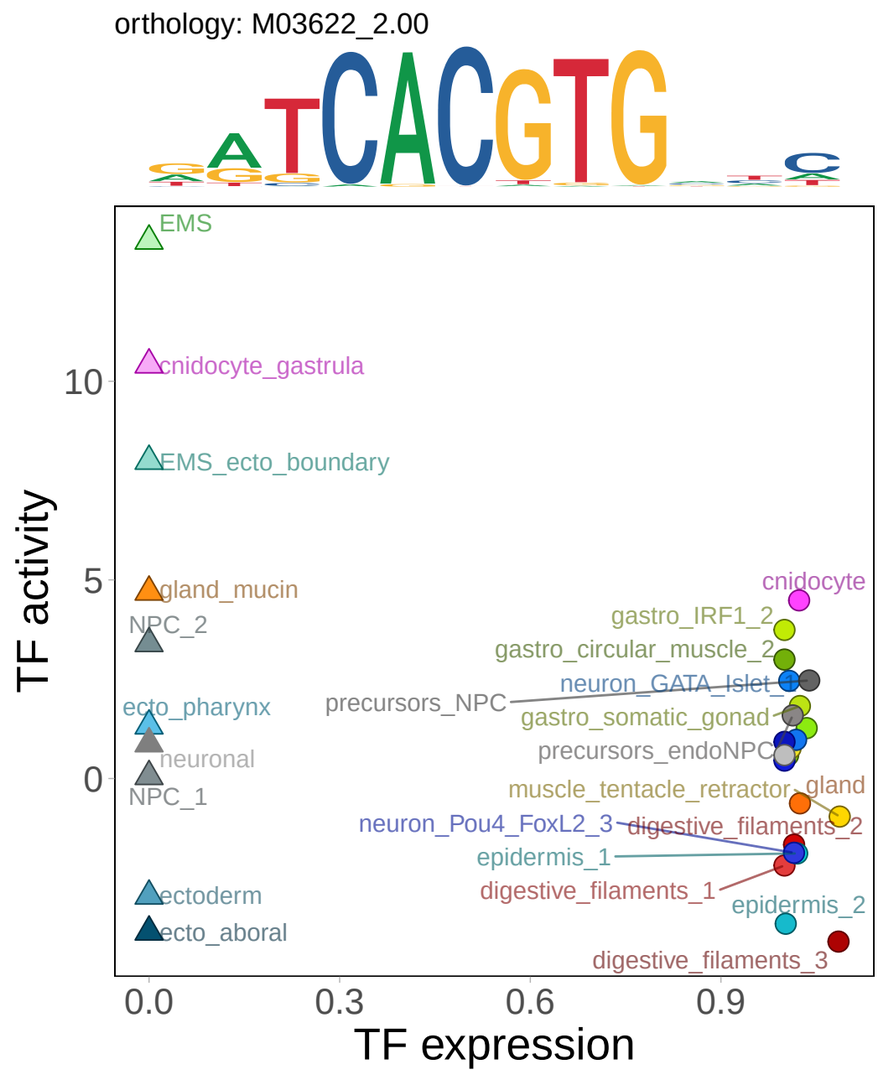


Nvec_vc1.1_XM_032365977.2
OG: zf−C2H2.HG1.33:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2

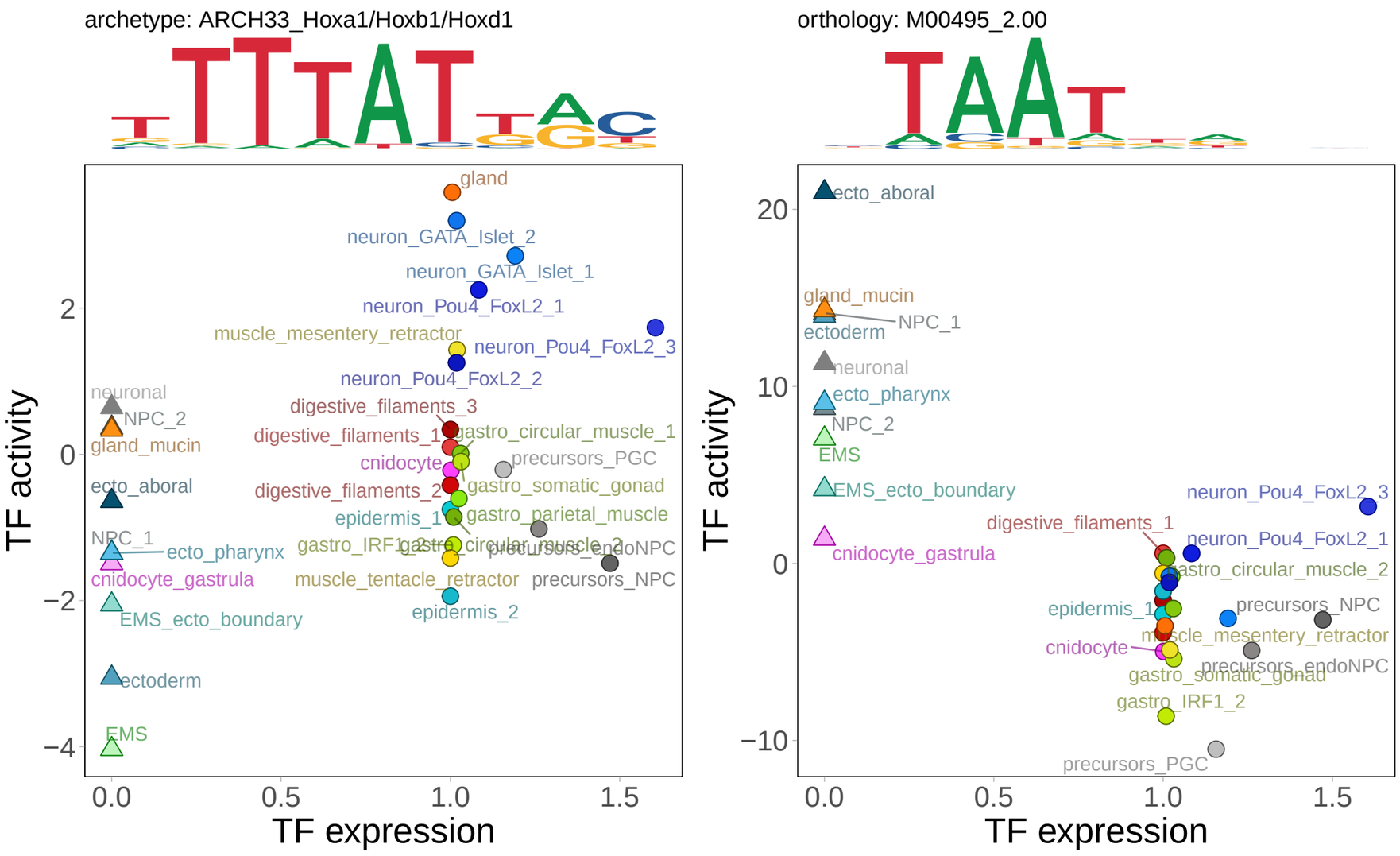


Nvec_vc1.1_XM_032366030.2
OG: HLH.HG1.5:like:CCDC169−SOHLH2/SOHLH1/SOHLH2
PFAM: HLH

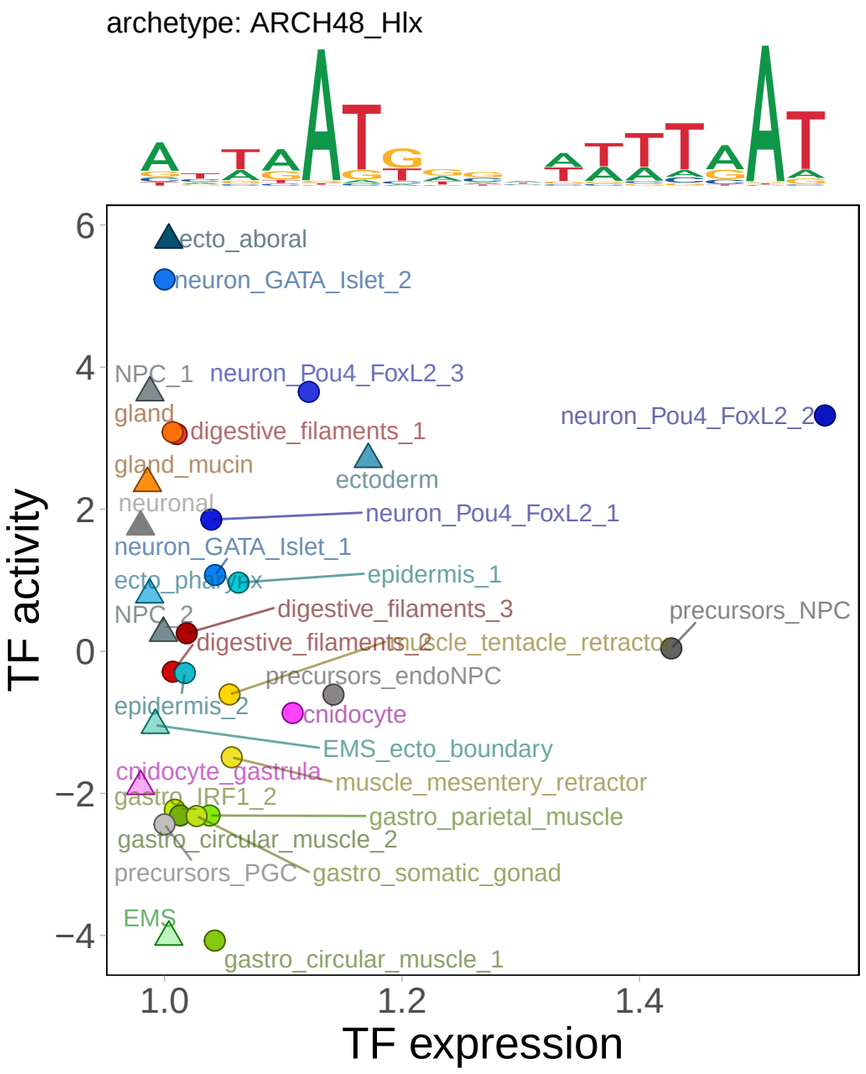


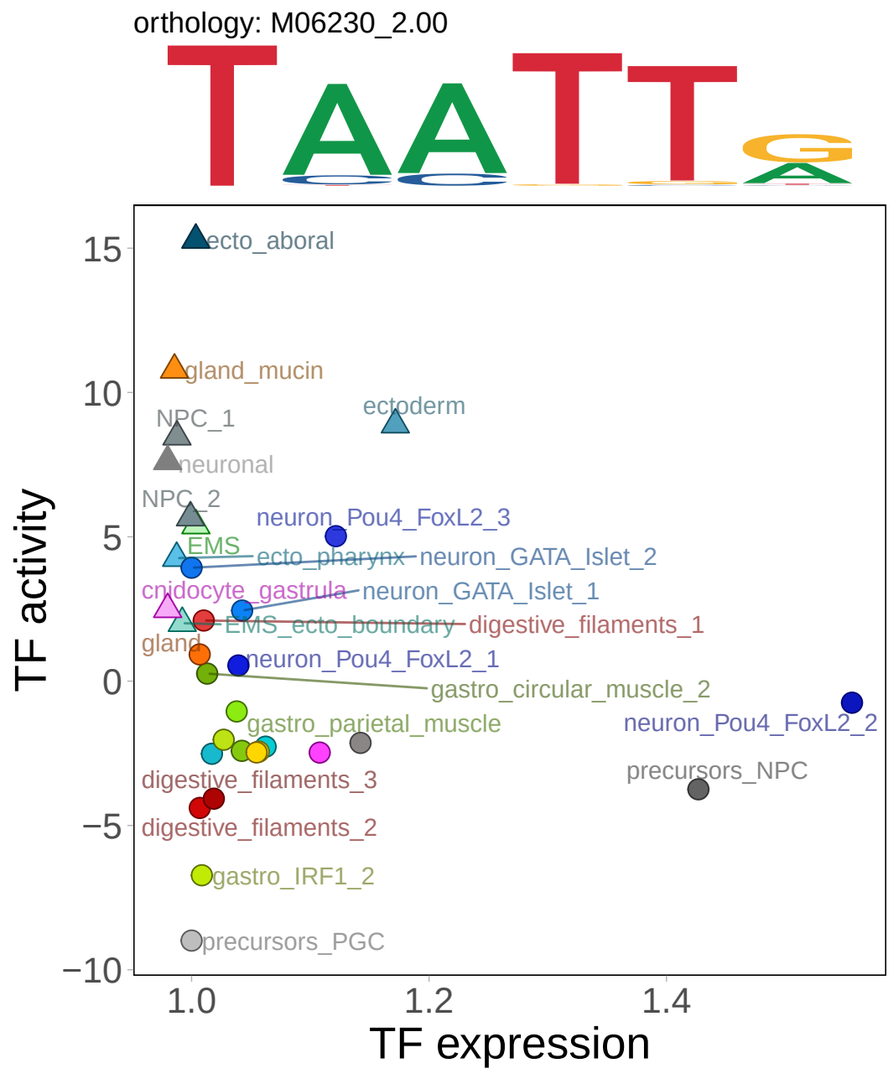


Nvec_vc1.1_XM_032366085.2
OG: Homeodomains.HG1.44:EMX1/EMX2
PFAM: Homeodomain

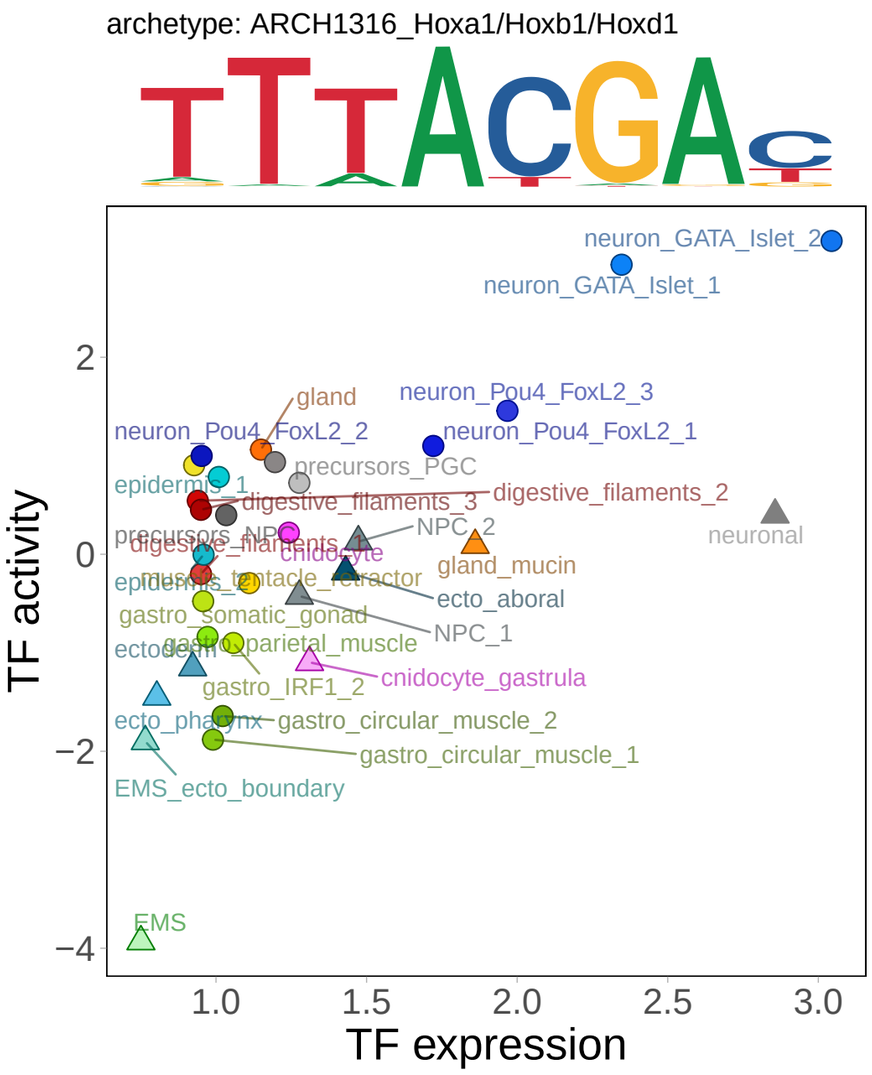


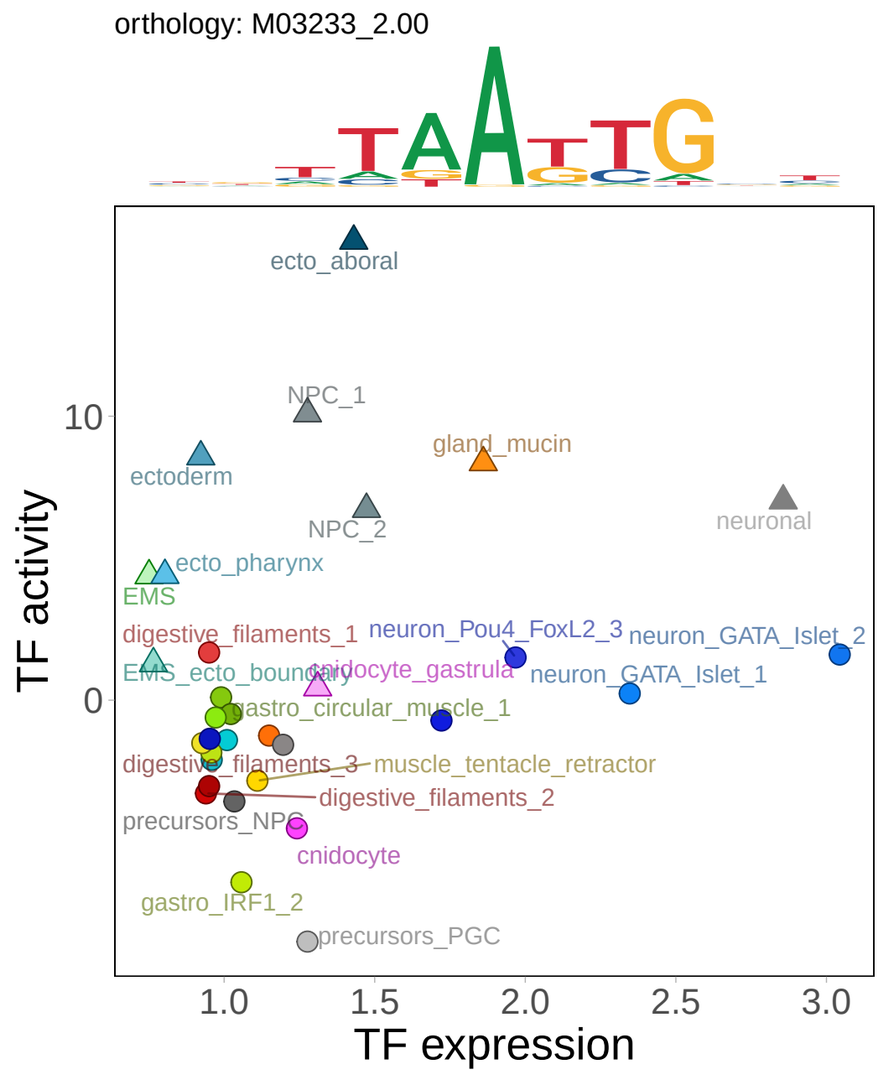
Nvec_vc1.1_XM_032366210.2
OG: Homeodomains.HG1.48:MSX1/MSX2
PFAM: Homeodomain



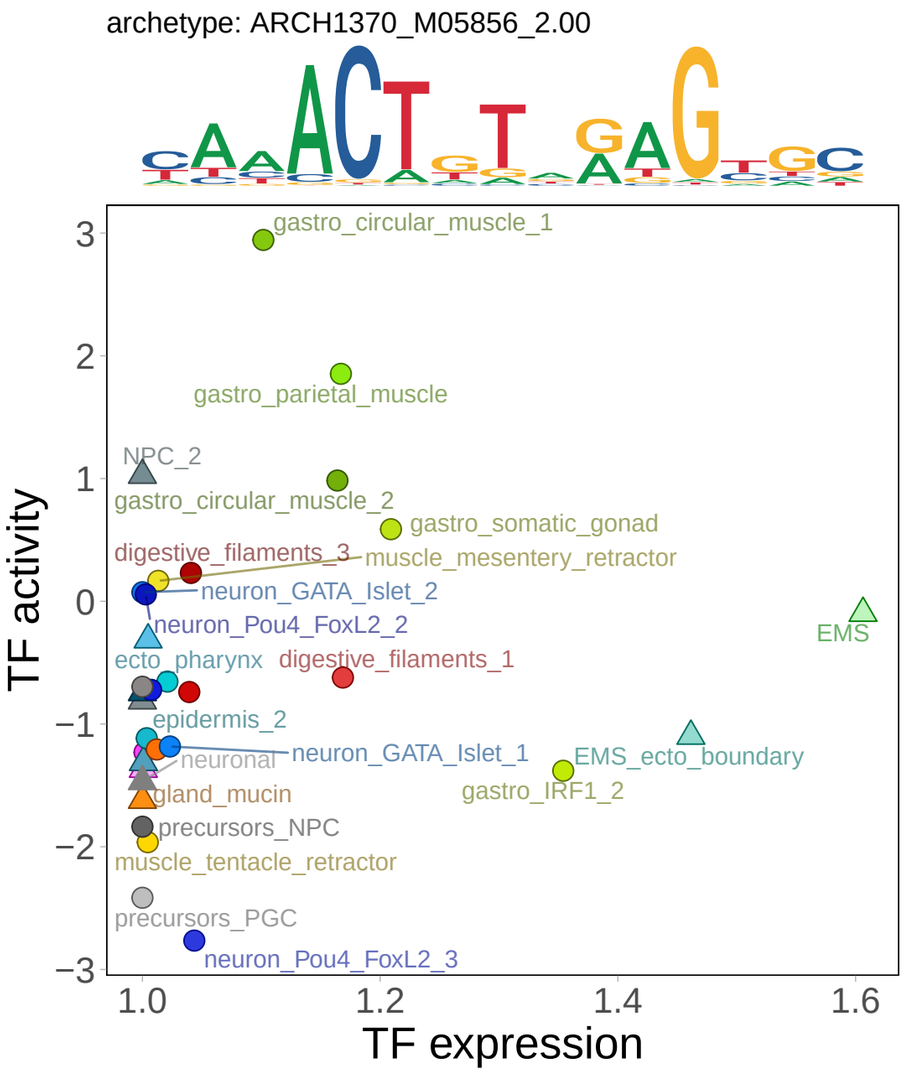


Nvec_vc1.1_XM_032366211.2
OG: Homeodomains.HG1.34:HMX1/HMX2/HMX3
PFAM: Homeodomain

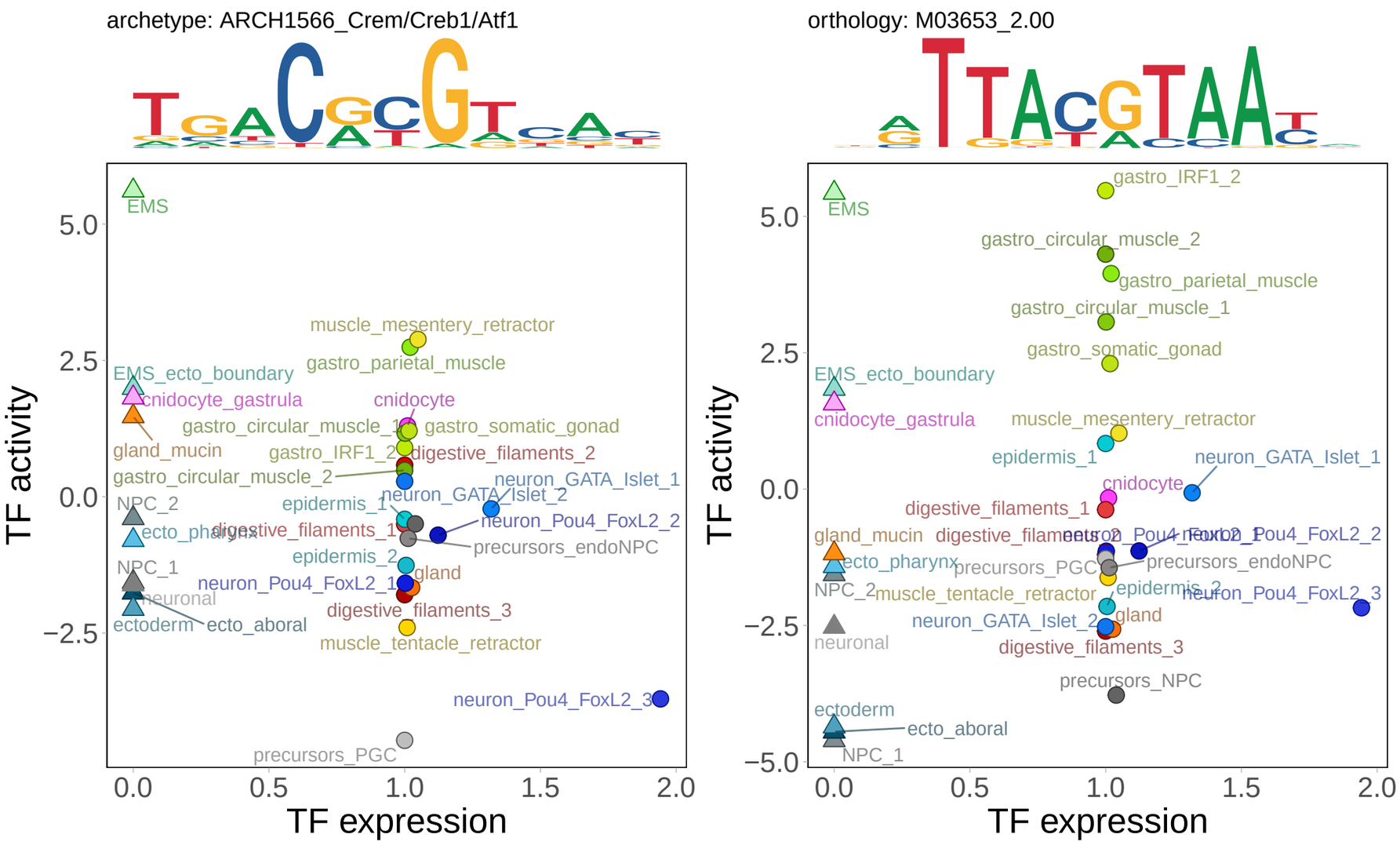




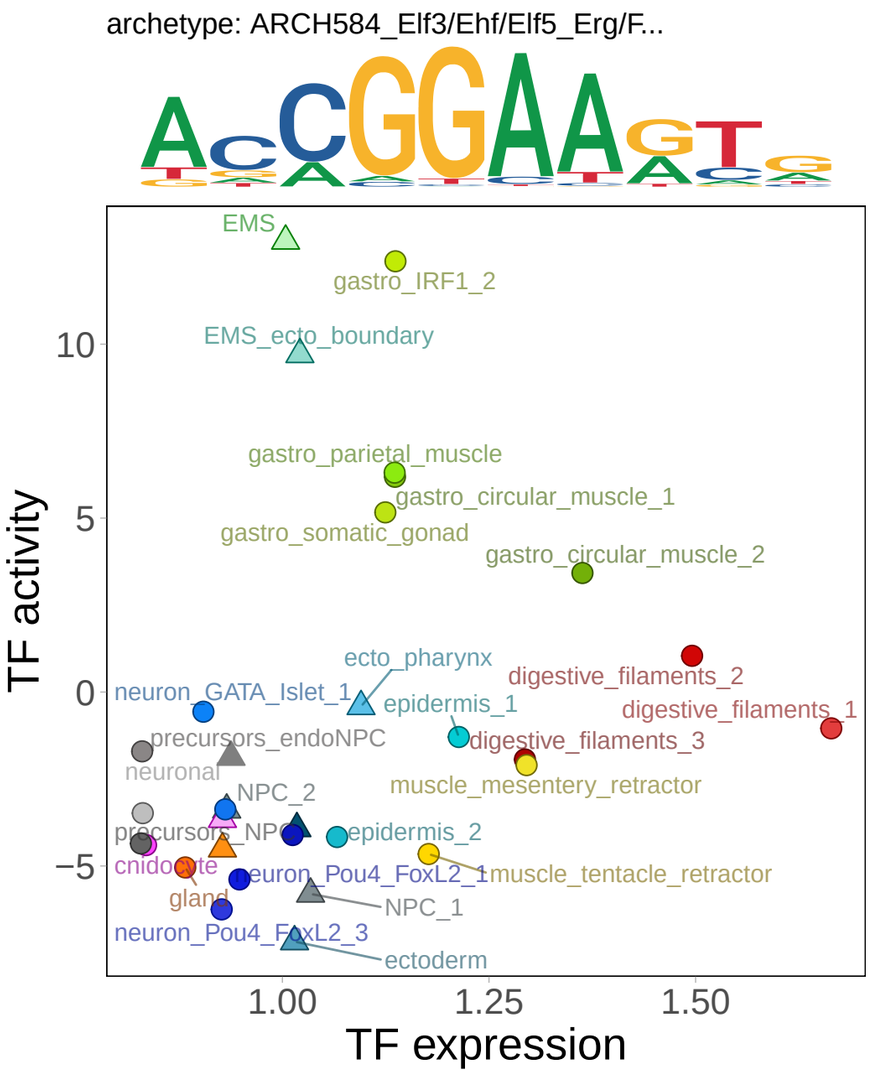
Nvec_vc1.1_XM_032366225.2
OG: zf−C2H2.HG2.5:KLF15
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

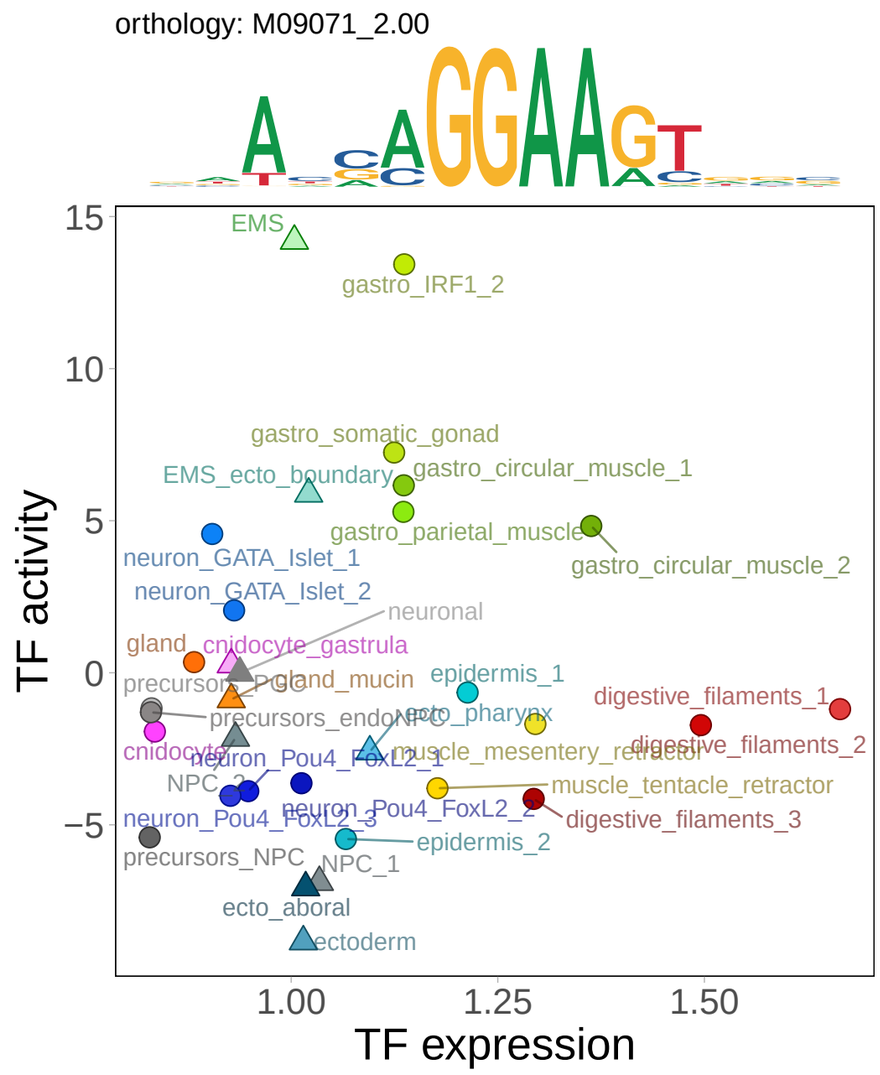


Nvec_vc1.1_XM_032366242.2
OG: bZIP.HG2.12:like:DBP/HLF/TEF
PFAM: bZIP_2

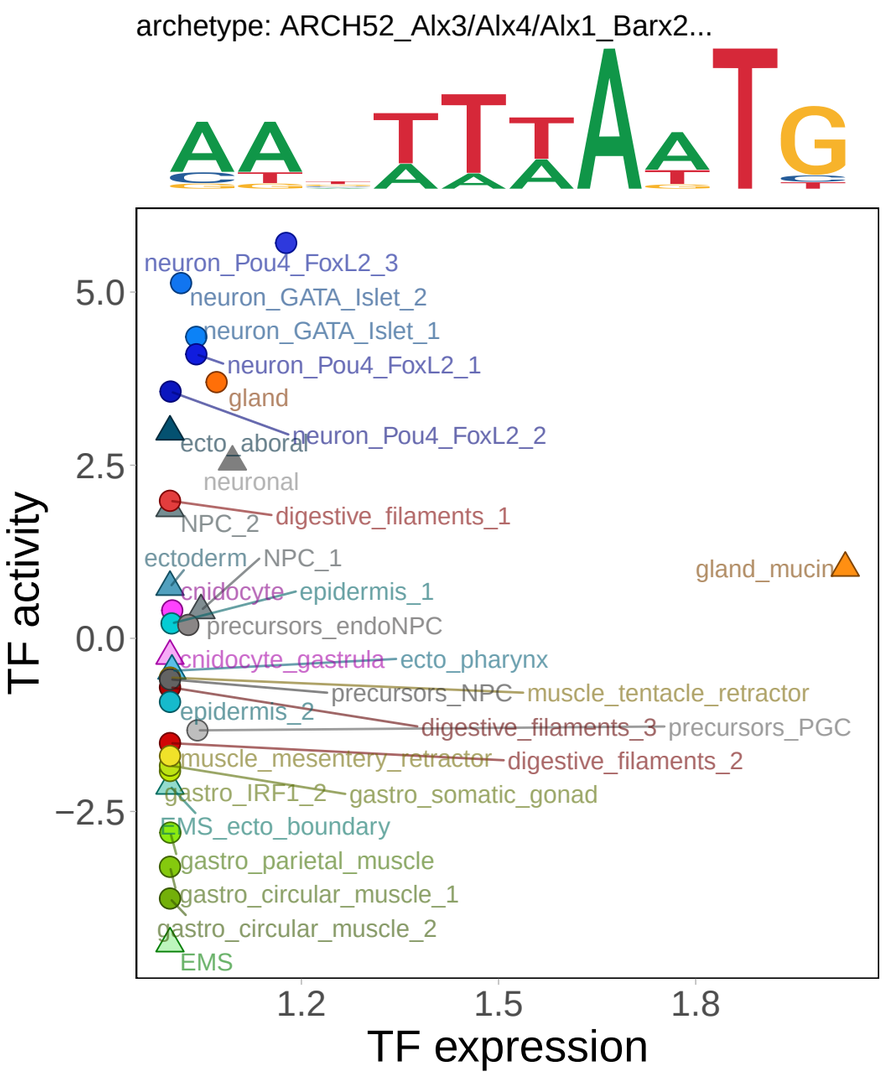


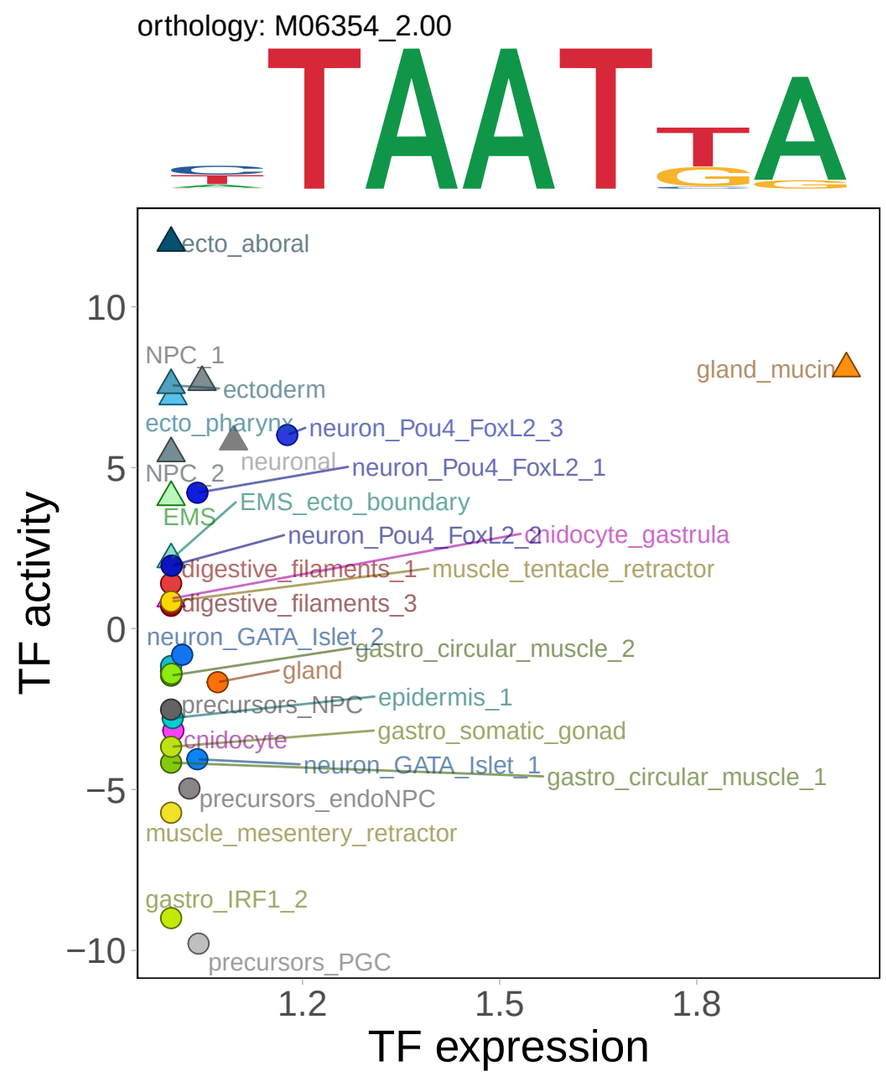
Nvec_vc1.1_XM_032366602.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: SAM_PNT/Ets



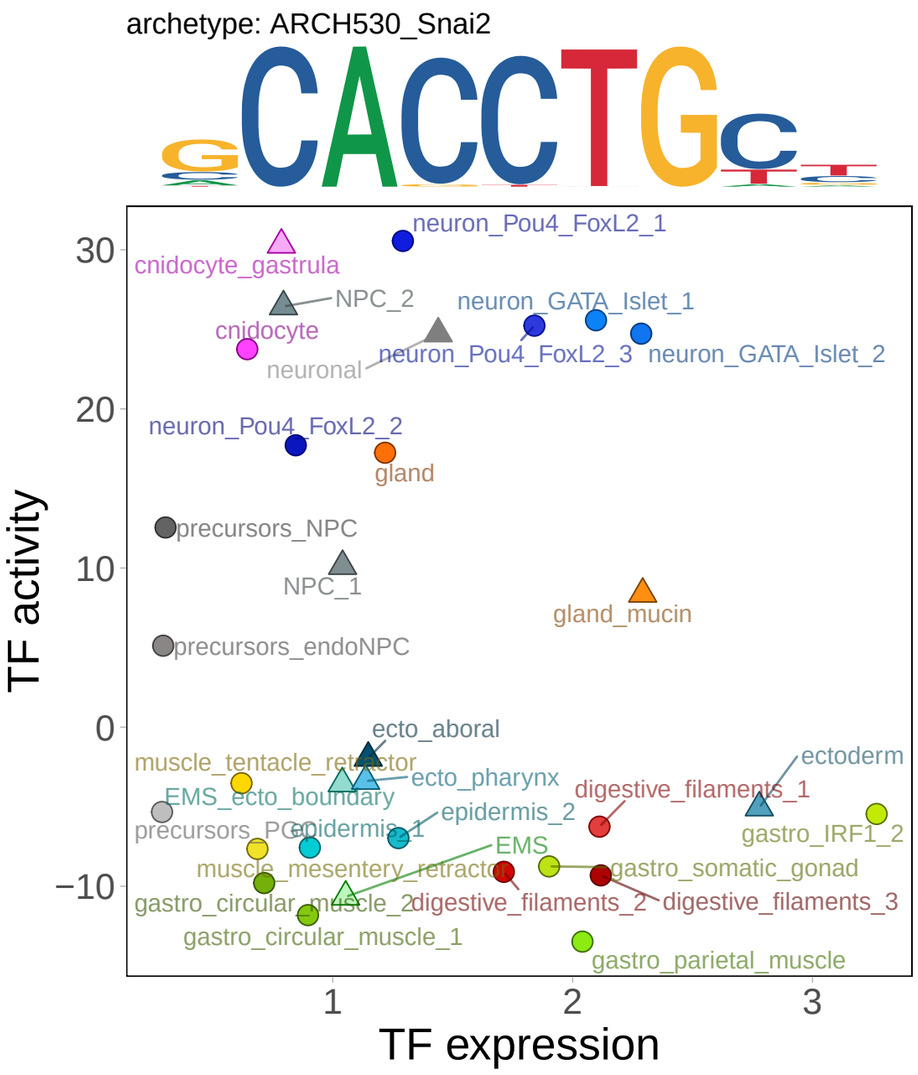


Nvec_vc1.1_XM_032366609.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain

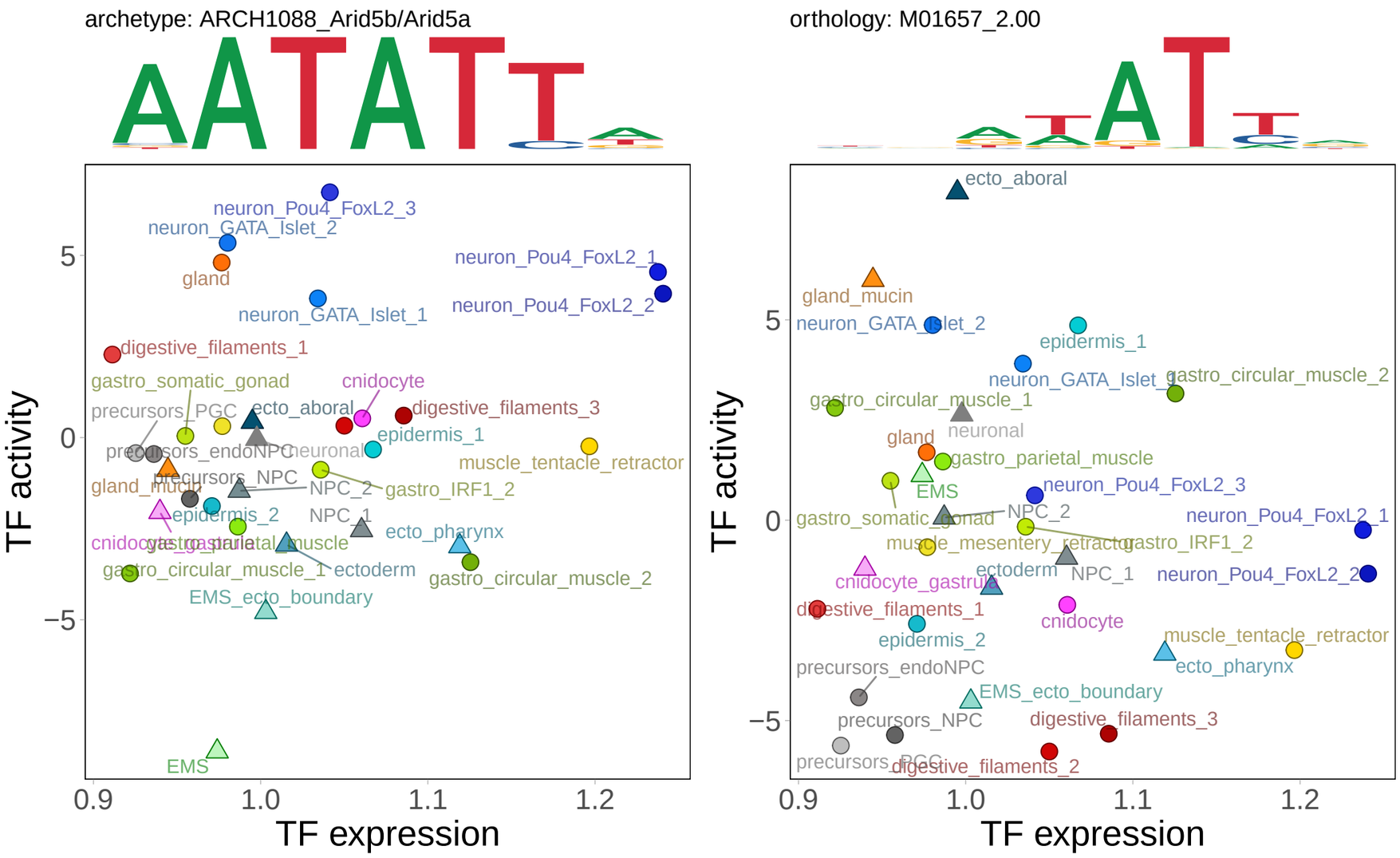




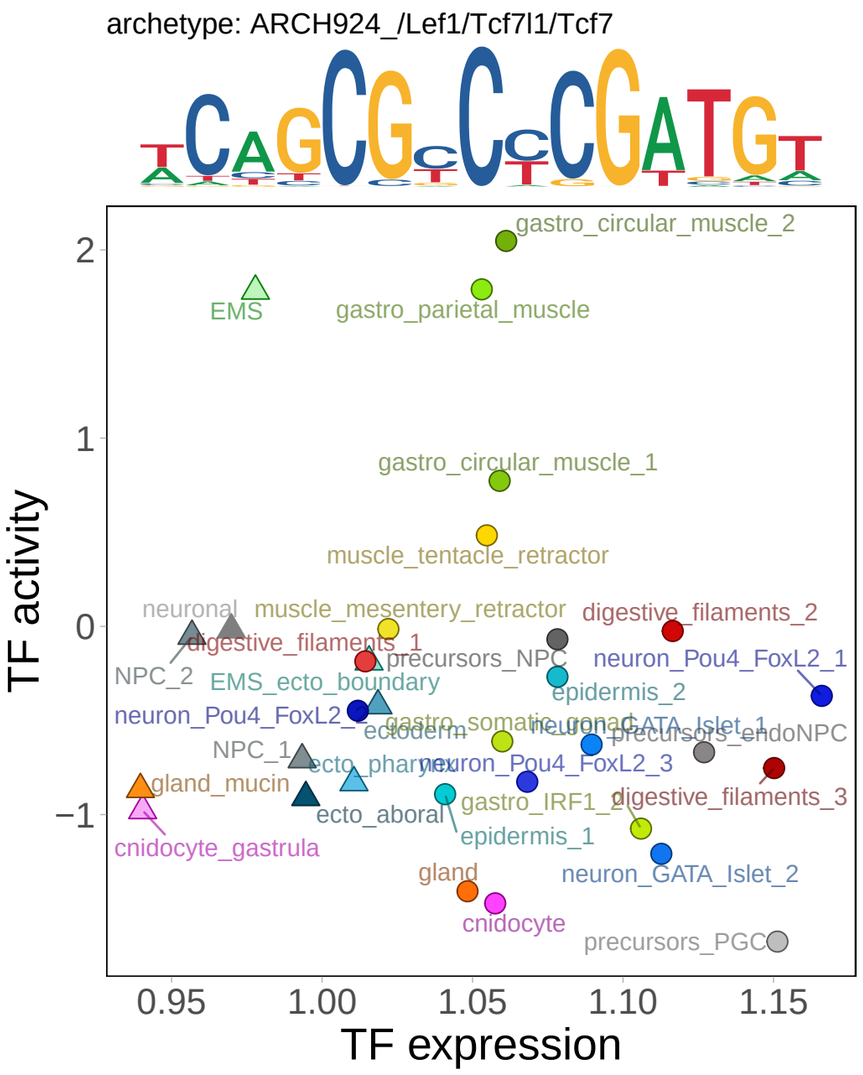
Nvec_vc1.1_XM_032366627.2
OG: zf−C2H2.HG1.44:EGR1/EGR2/EGR3/EGR4
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

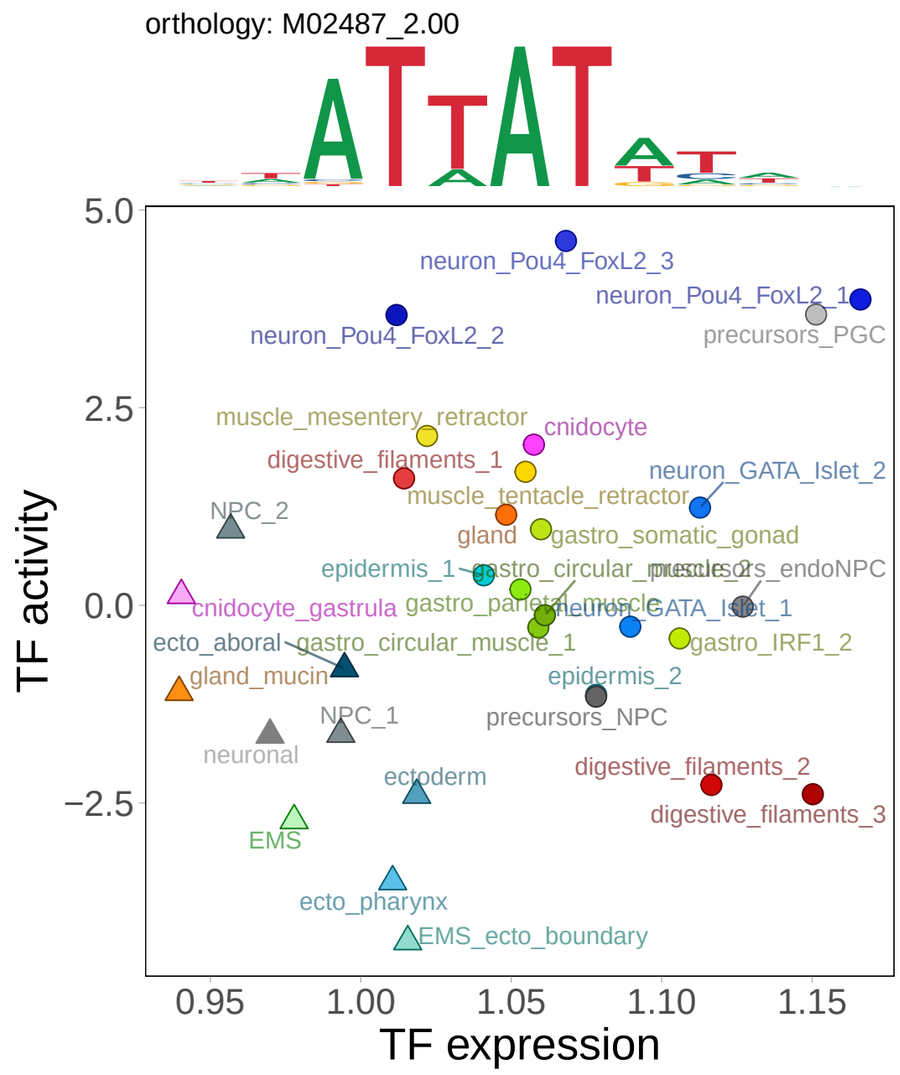


Nvec_vc1.1_XM_032366646.2
OG: ARID_BRIGHT.HG1.5:ARID5A/ARID5B
PFAM: ARID

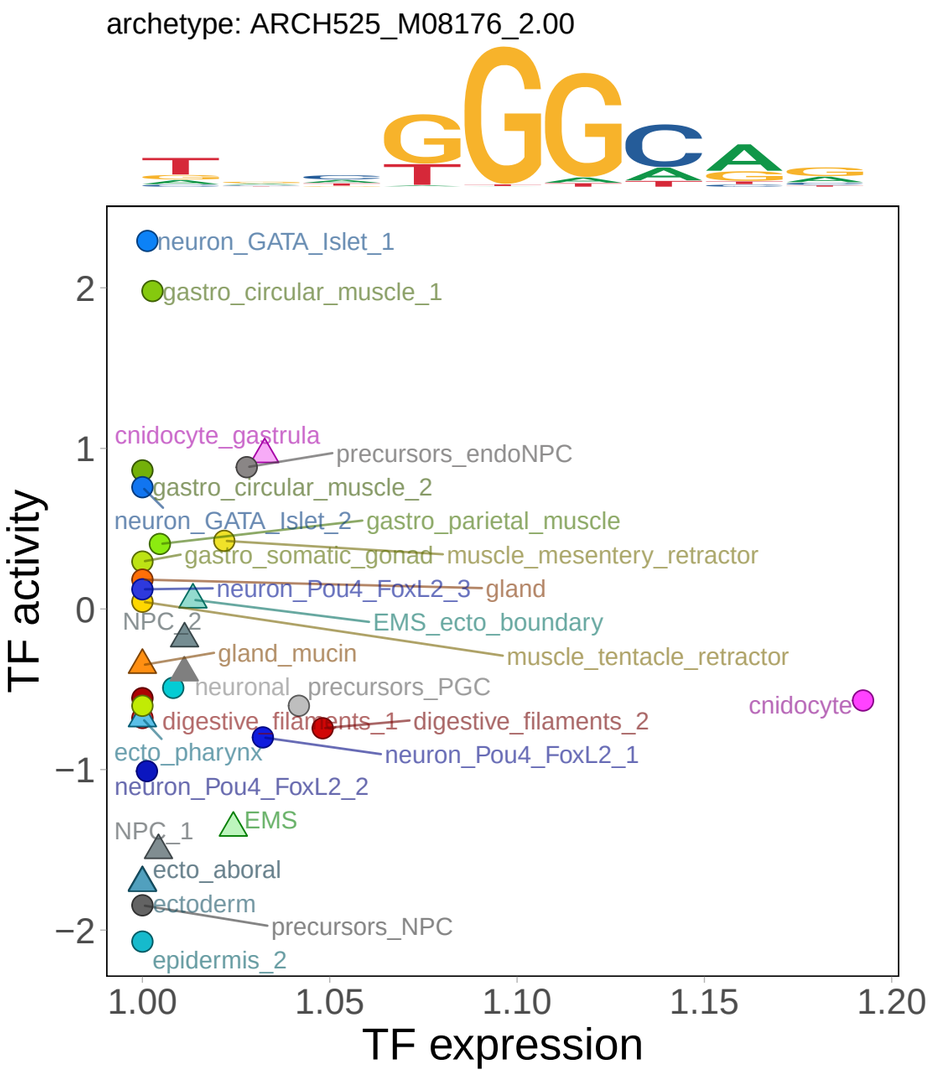


Nvec_vc1.1_XM_032366739.2
OG: HMGbox_Sox.HG1.65:HMG20B
PFAM: HMG_box

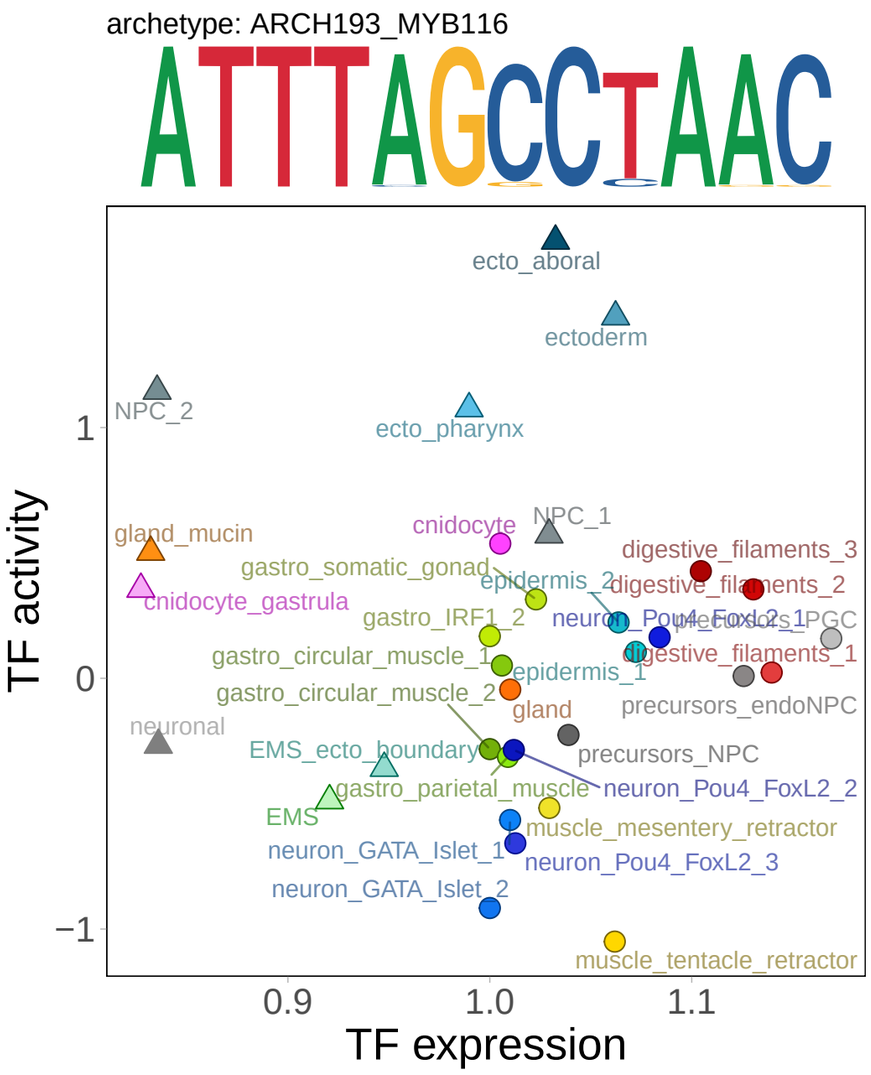


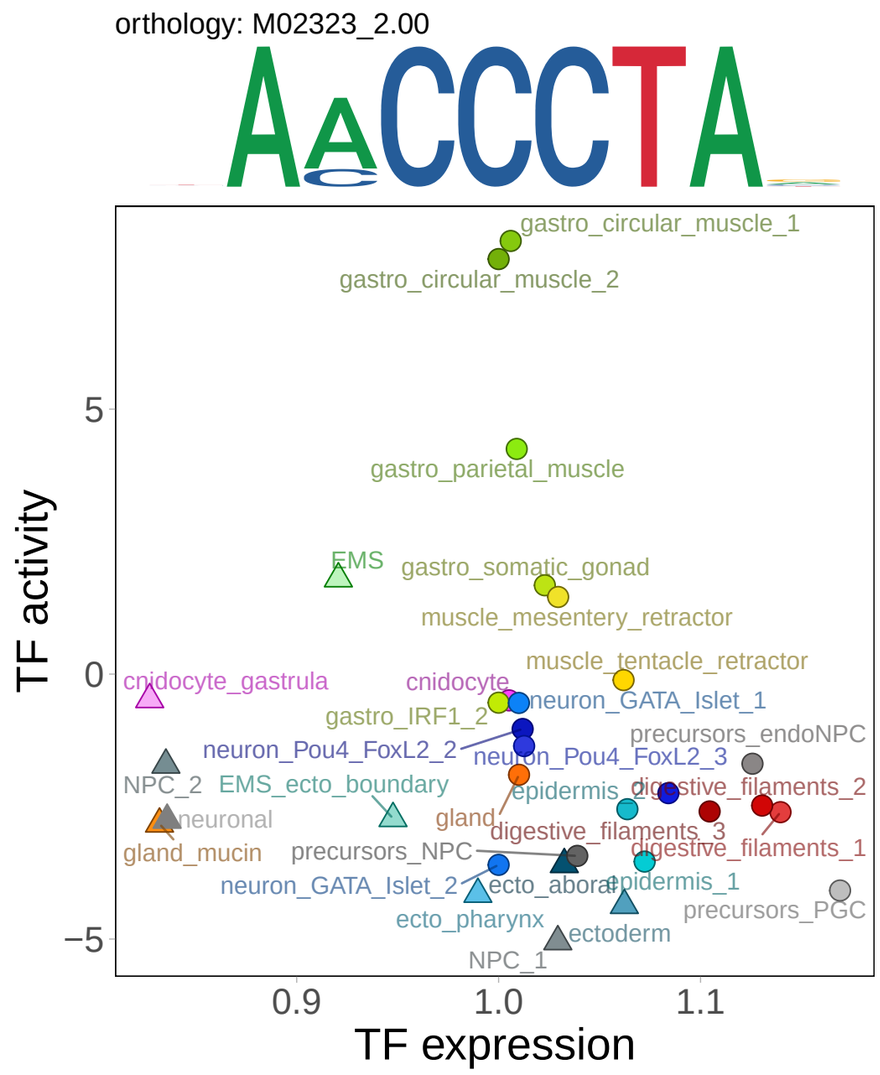


Nvec_vc1.1_XM_032366790.2
OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/THAP7/THAP8/THAP
PFAM: THAP

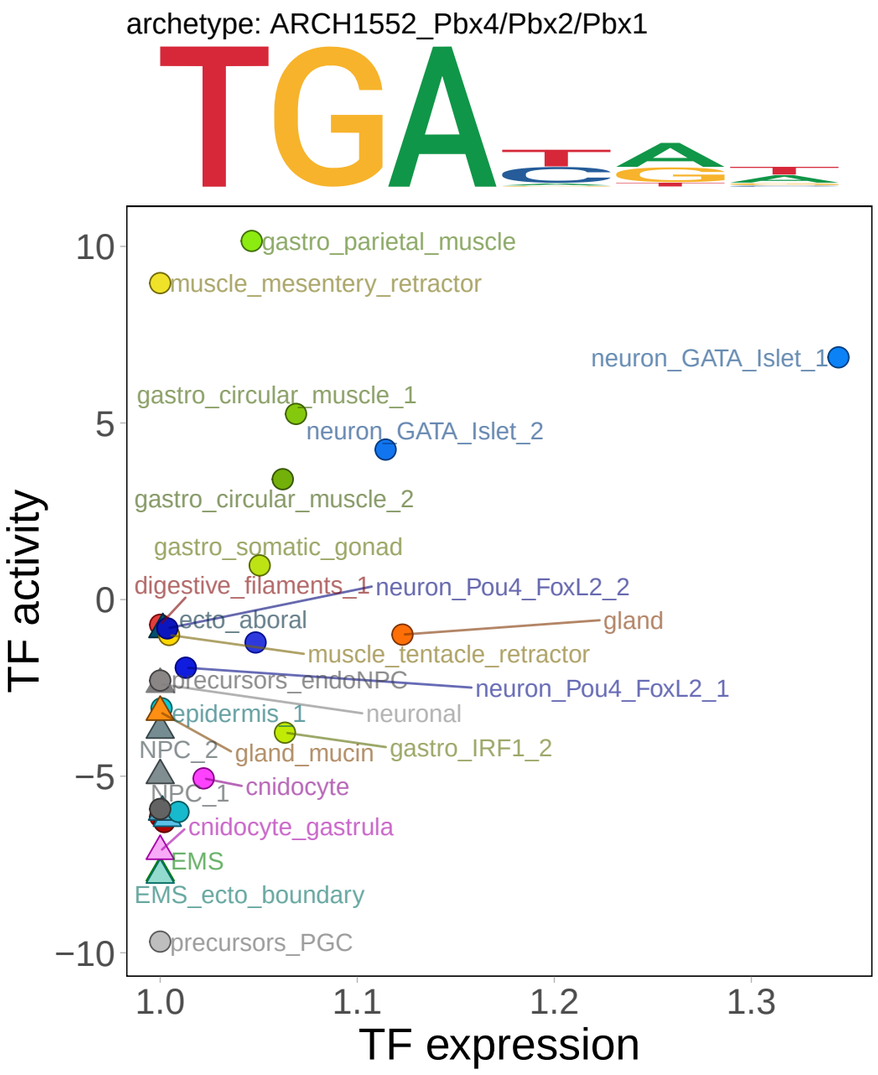


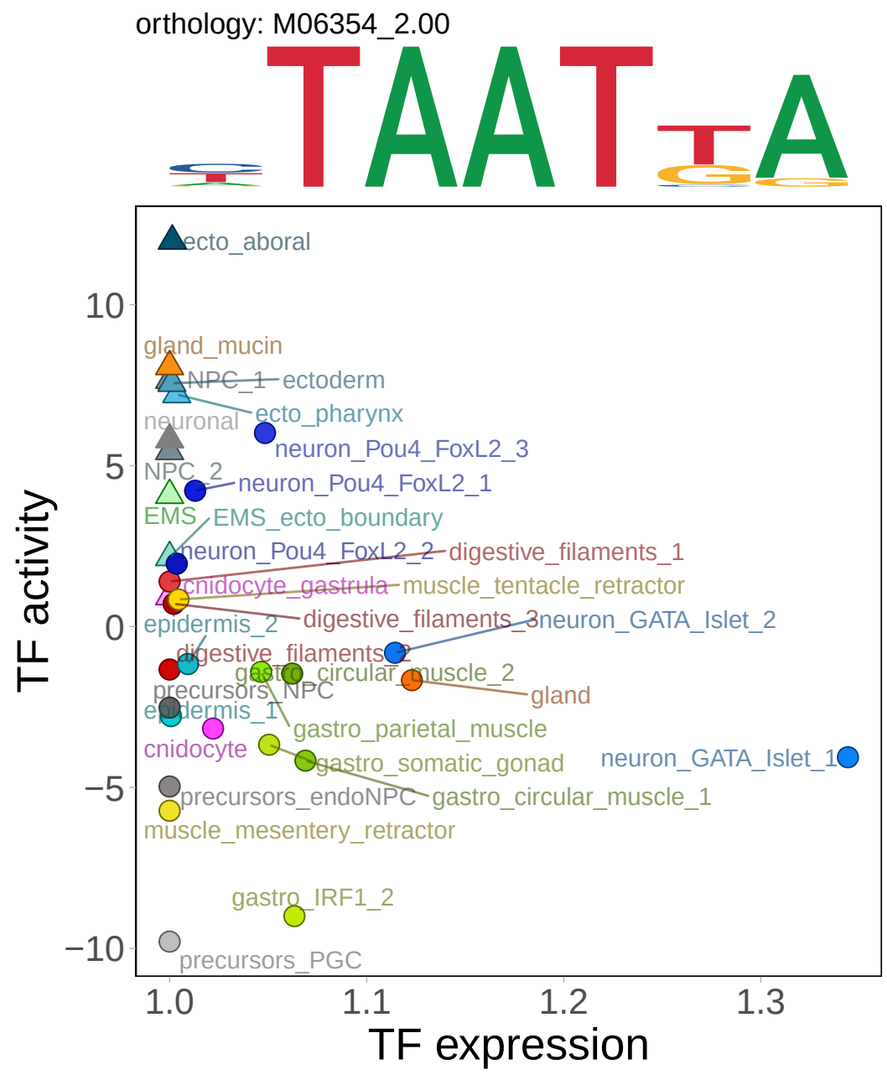
Nvec_vc1.1_XM_032366797.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding



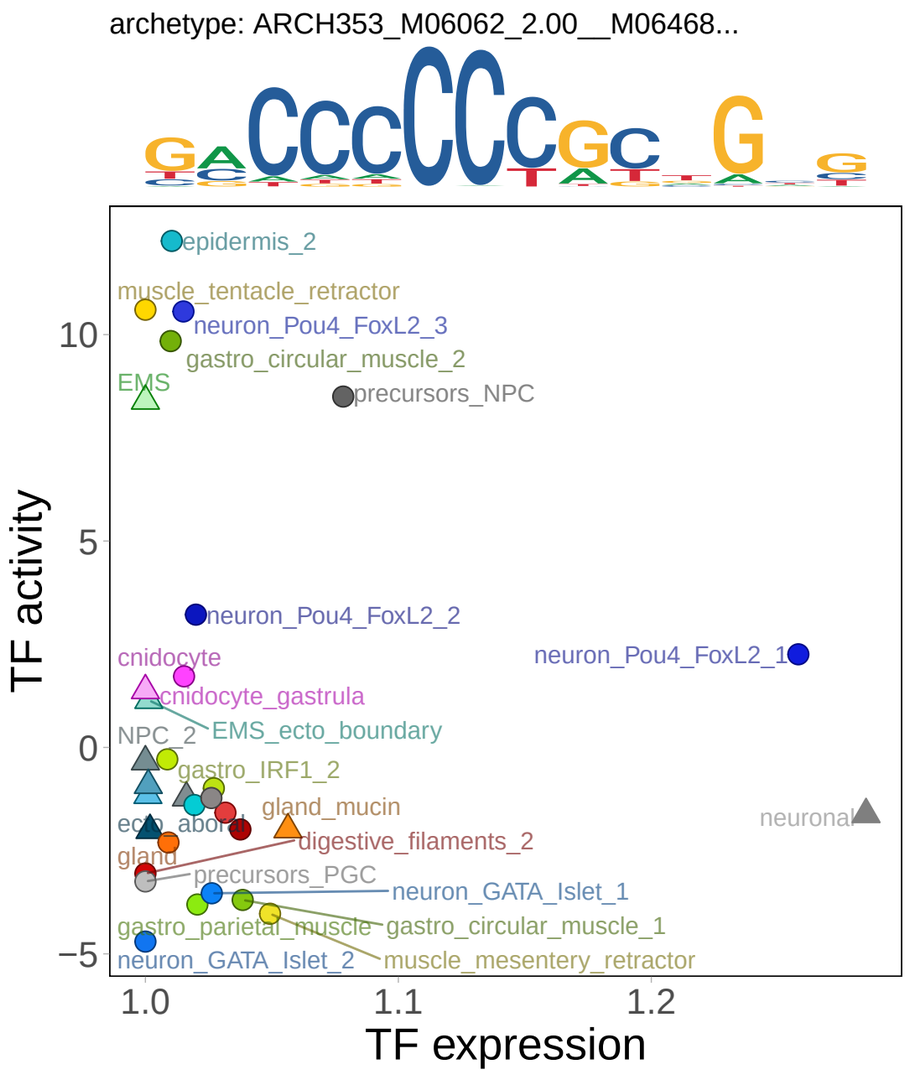


Nvec_vc1.1_XM_032366836.2
OG: Homeodomains.HG1.54:like:NOTO
PFAM: Homeodomain

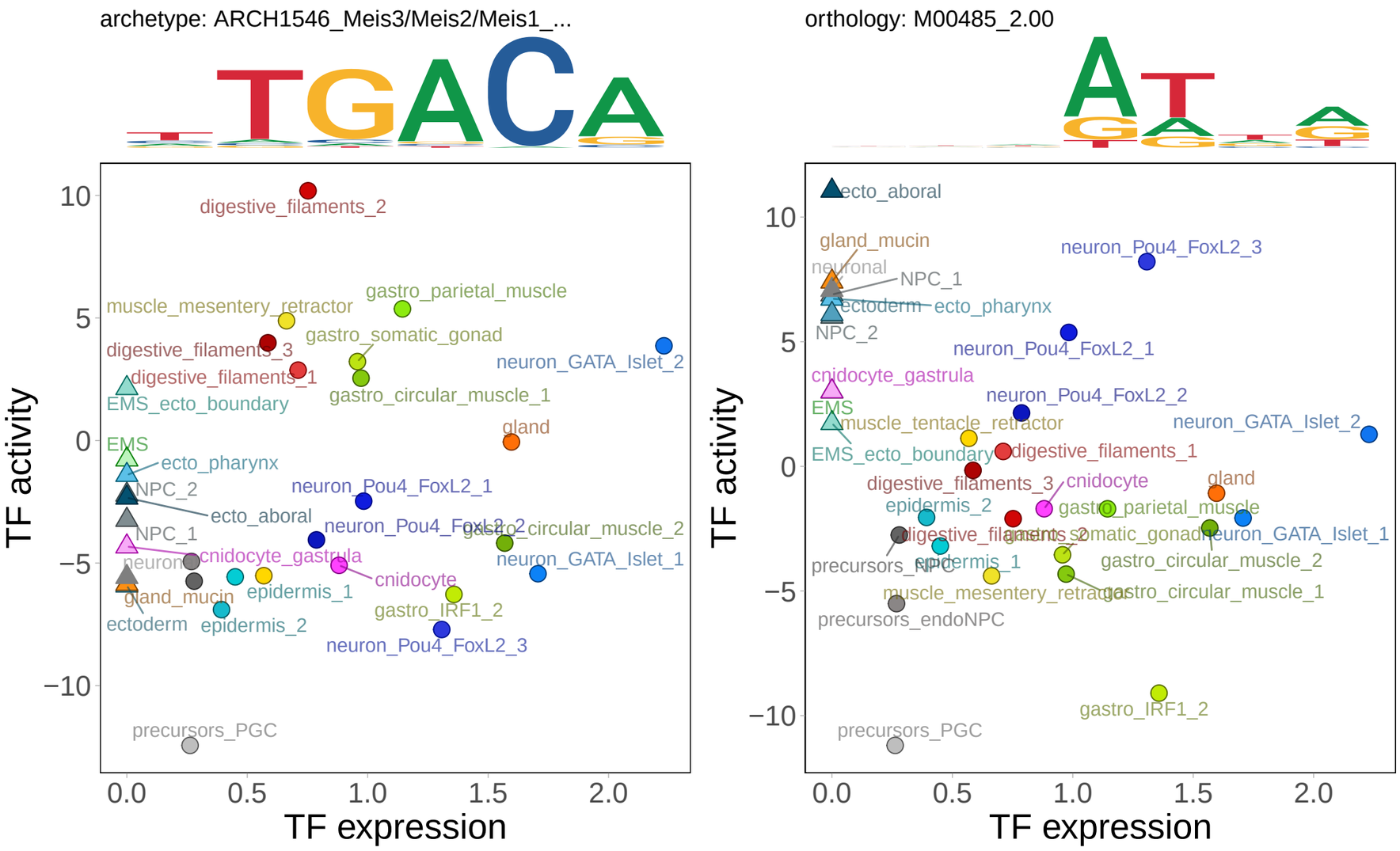




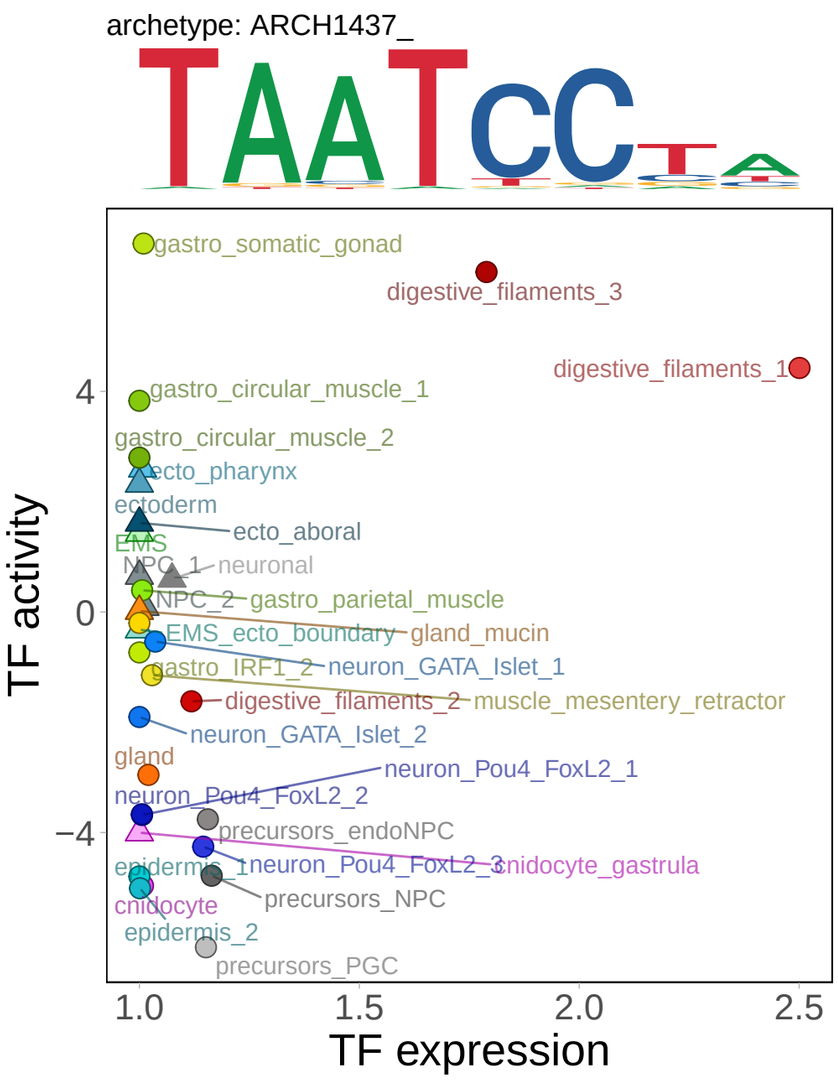
Nvec_vc1.1_XM_032366964.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6

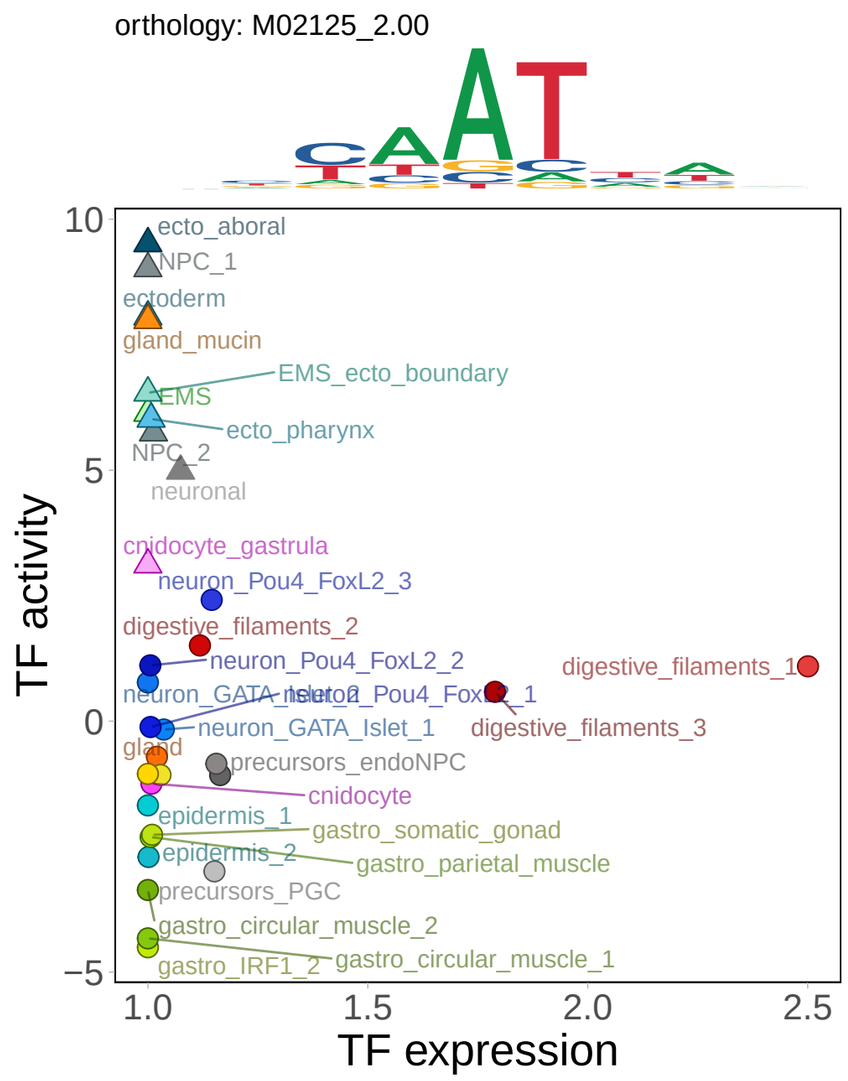


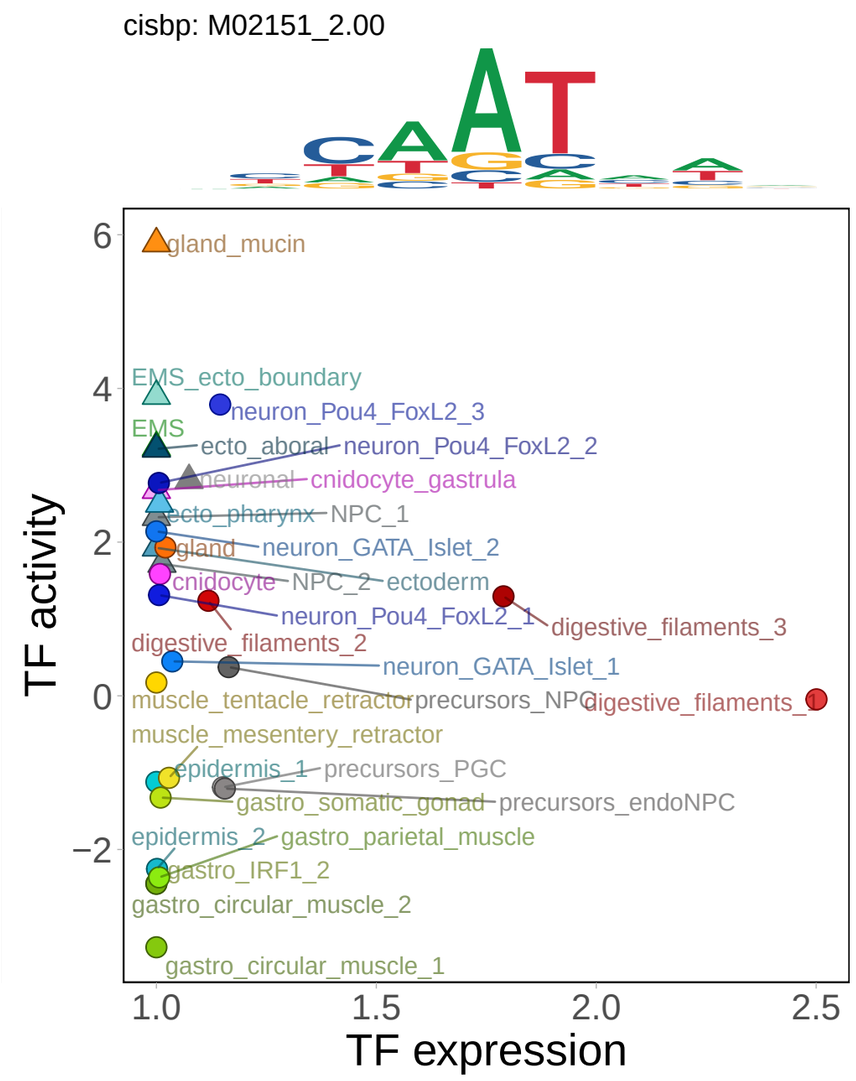
Nvec_vc1.1_XM_032366979.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain



Nvec_vc1.1_XM_032367023.2
OG: Homeodomains.HG1.47:like:MSX1/MSX2
PFAM: Homeodomain

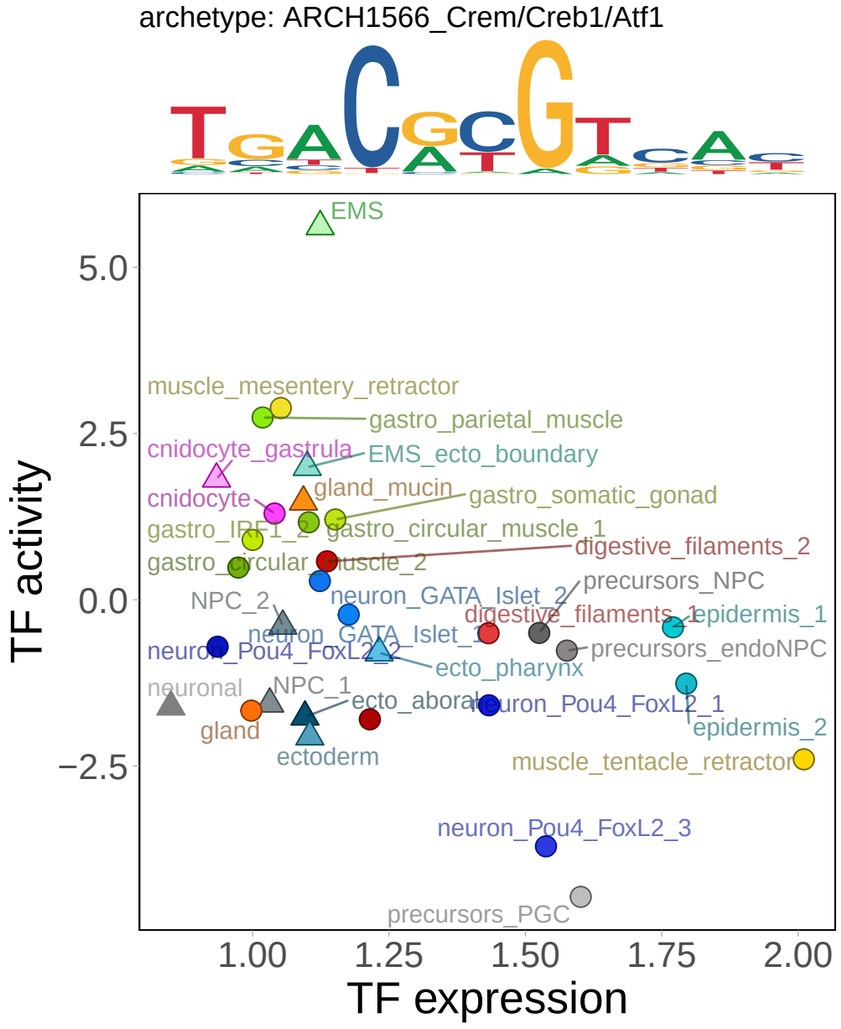




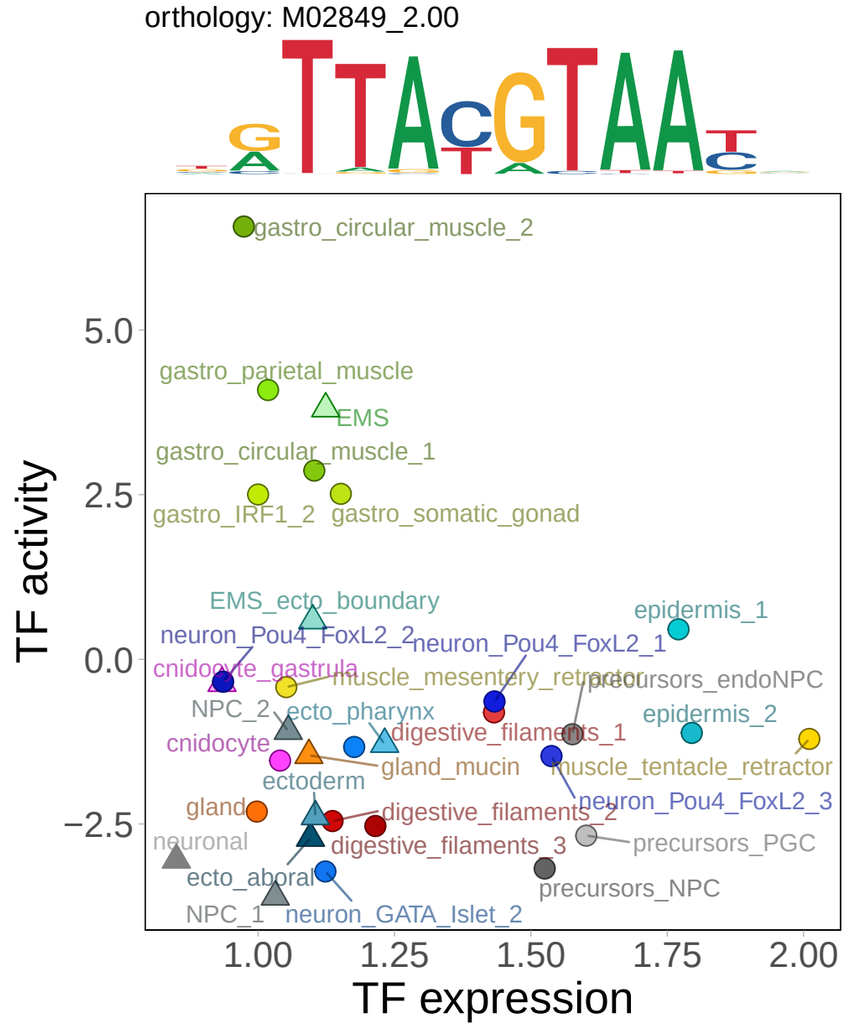


Nvec_vc1.1_XM_032367127.2
OG: bZIP.HG2.10:DBP/HLF/TEF
PFAM: bZIP_2

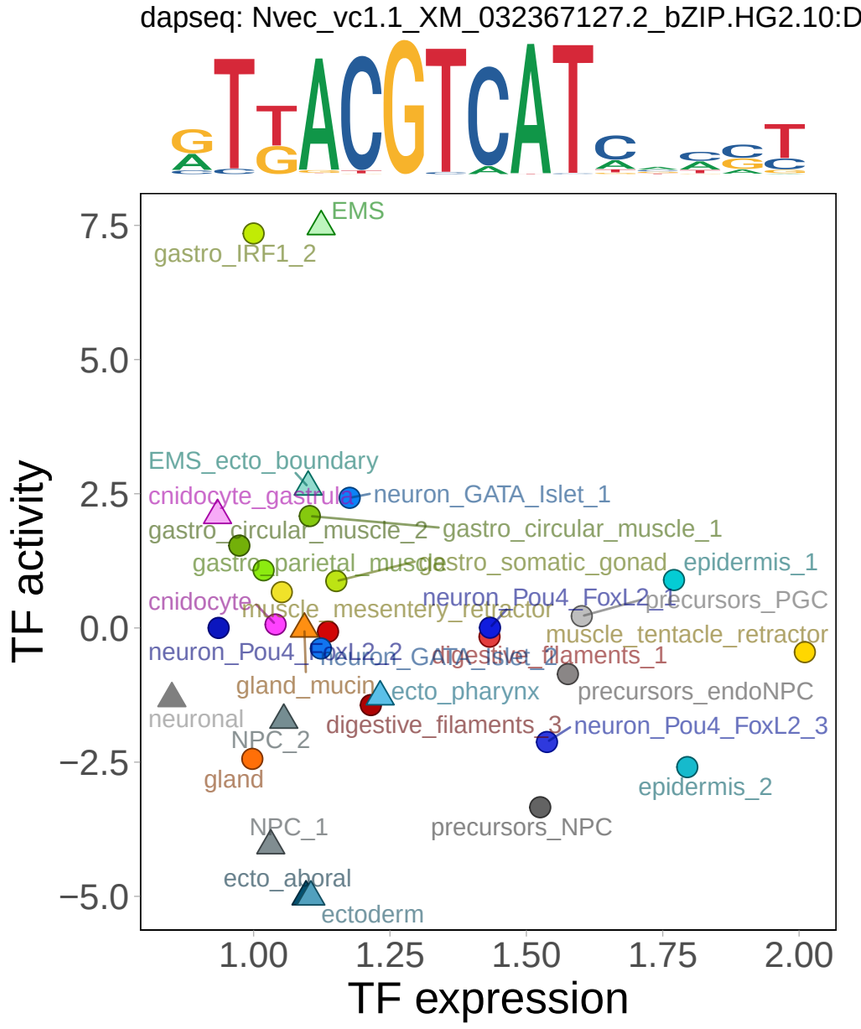
archetype: ARCH1566_Crem/Creb1/Atf1



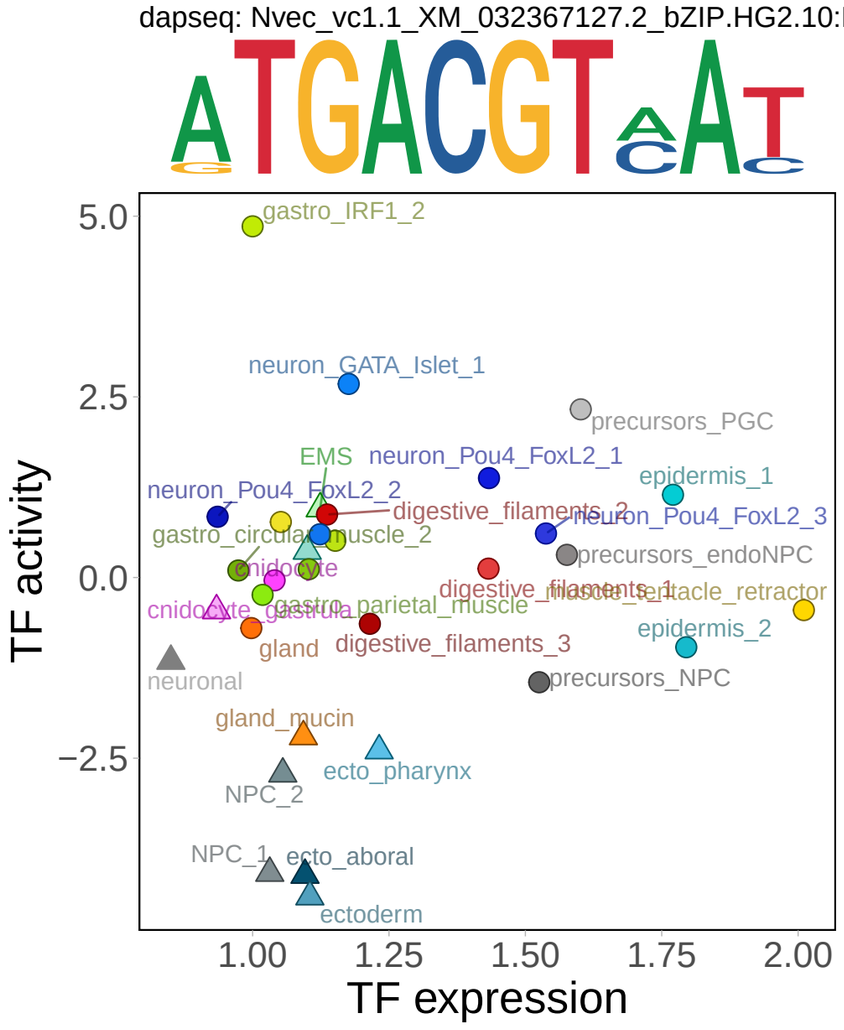
orthology: M02849_2.00



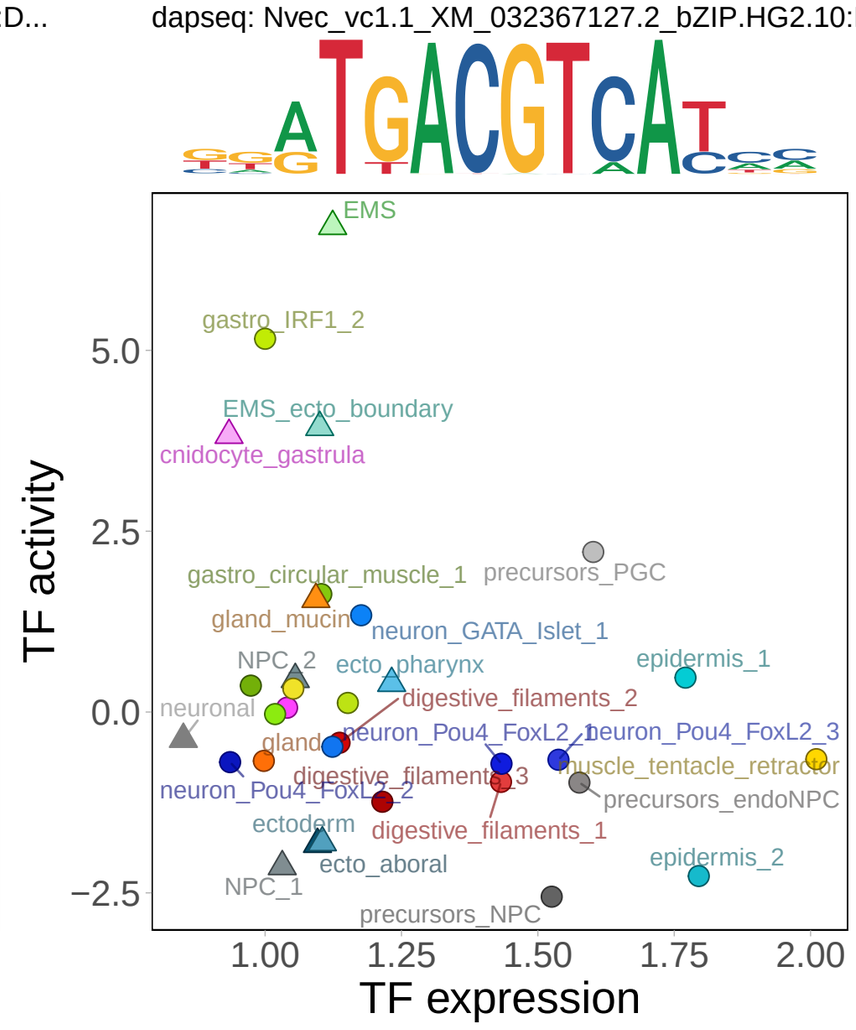
dapseq: Nvec_vc1.1_XM_032367127.2_bZIP.HG2.10:D



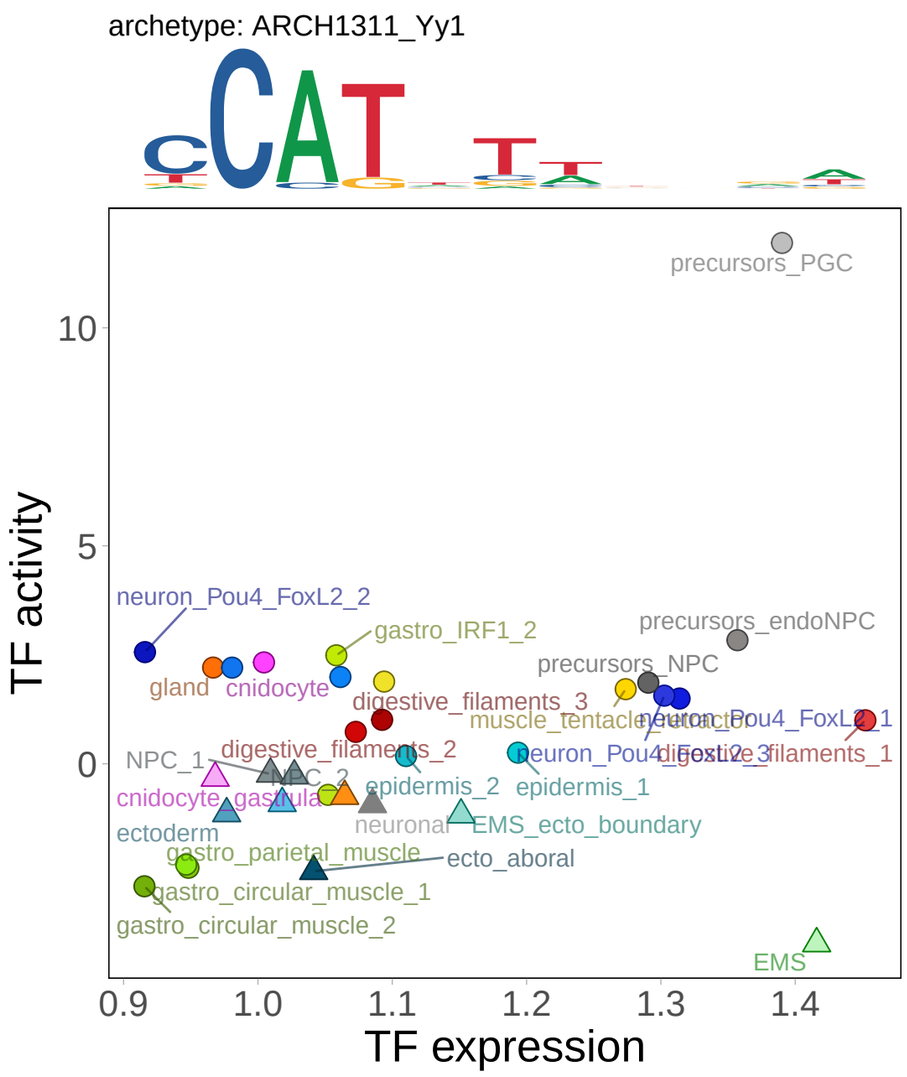
dapseq: Nvec_vc1.1_XM_032367127.2_bZIP.HG2.10:D...



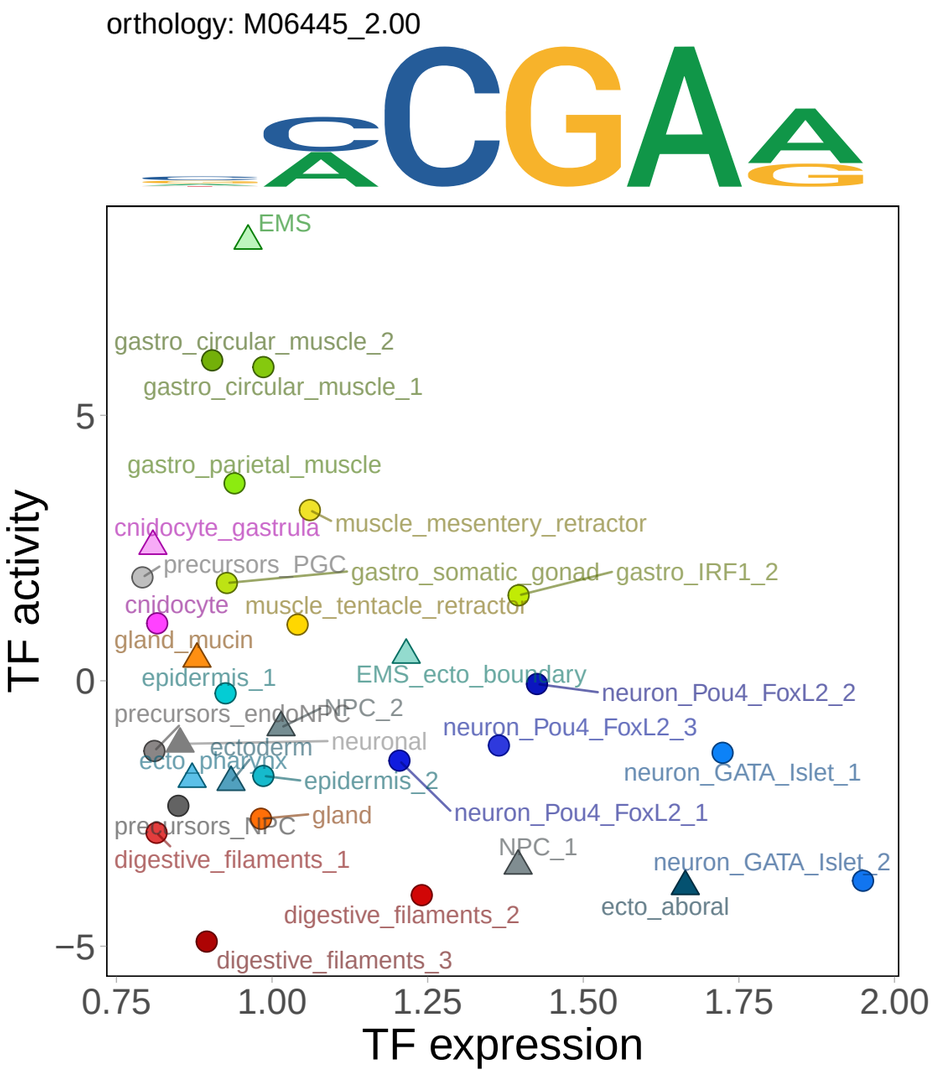
dapseq: Nvec_vc1.1_XM_032367127.2_bZIP.HG2.10:D...



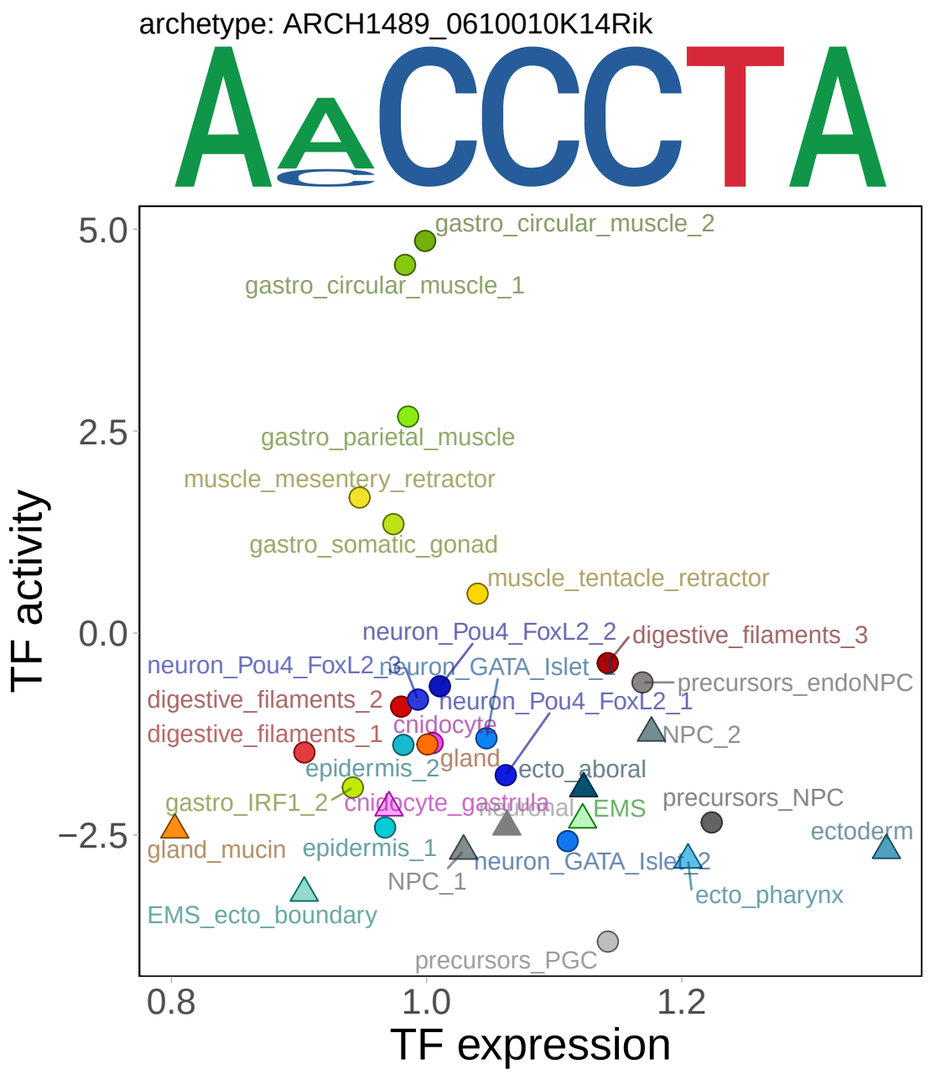
Nvec_vc1.1_XM_032367197.2
OG: zf−C2H2.HG18.0:ZNF277
PFAM: zf−C2H2_2/zf−C2H2_2



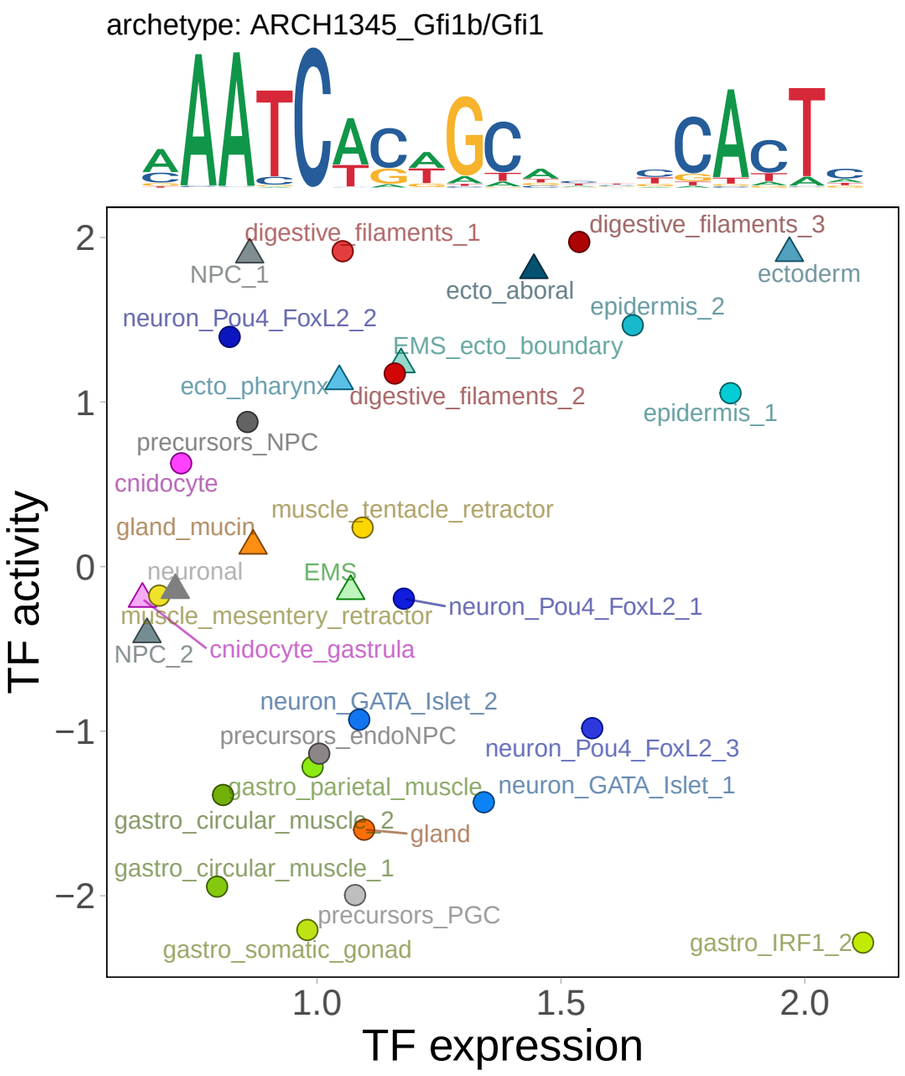
Nvec_vc1.1_XM_032367573.2
OG: SAND.HG1.1:like:GMEB1/GMEB2
PFAM: SAND/SAM_1



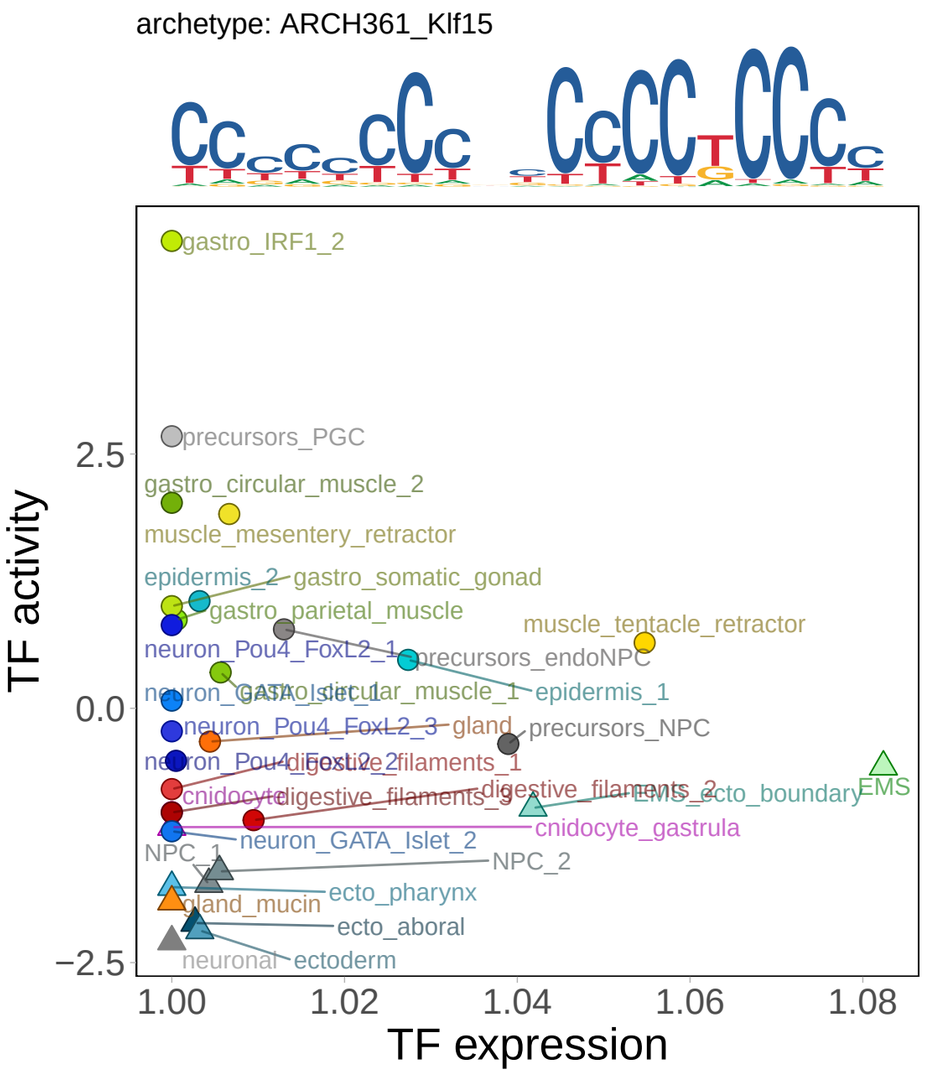
Nvec_vc1.1_XM_032367750.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCOR3
PFAM: Myb_DNA−binding



Nvec_vc1.1_XM_032367802.2
OG: zf−C2H2.HG2.9:like:KLF3/KLF5/KLF6/KLF7/KLF8/KLF12
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

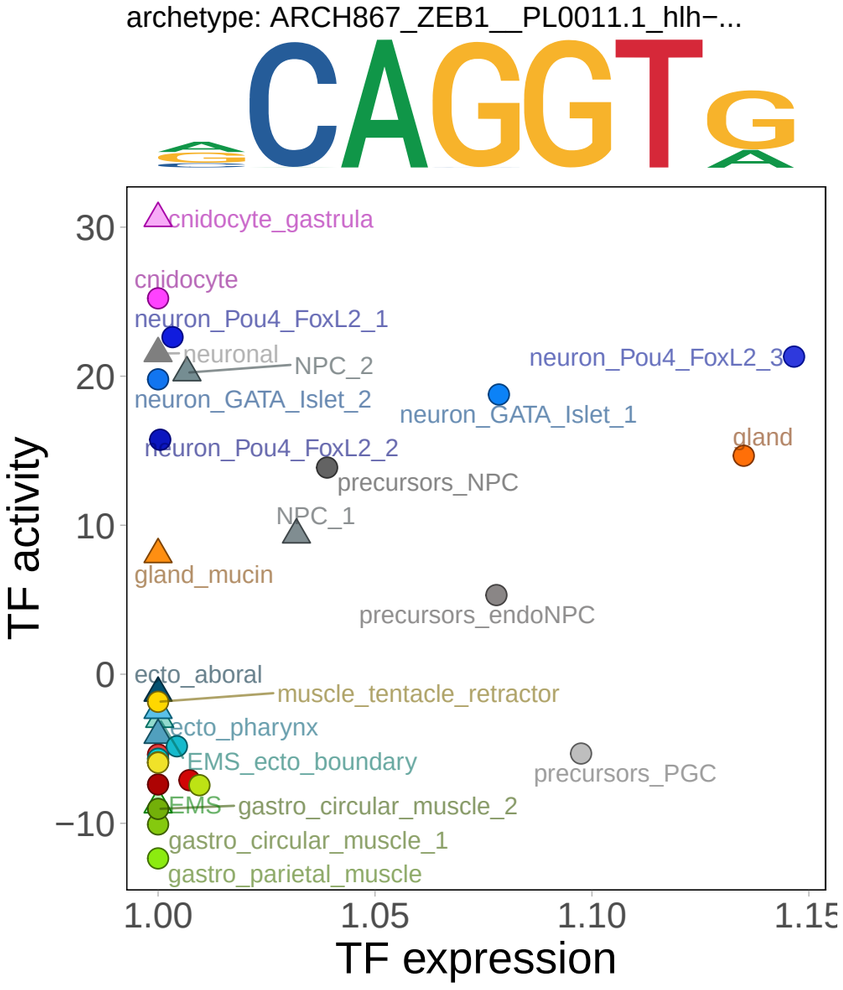


Nvec_vc1.1_XM_032368799.2
OG: zf−C2H2.HG1.130:ZBTB45
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

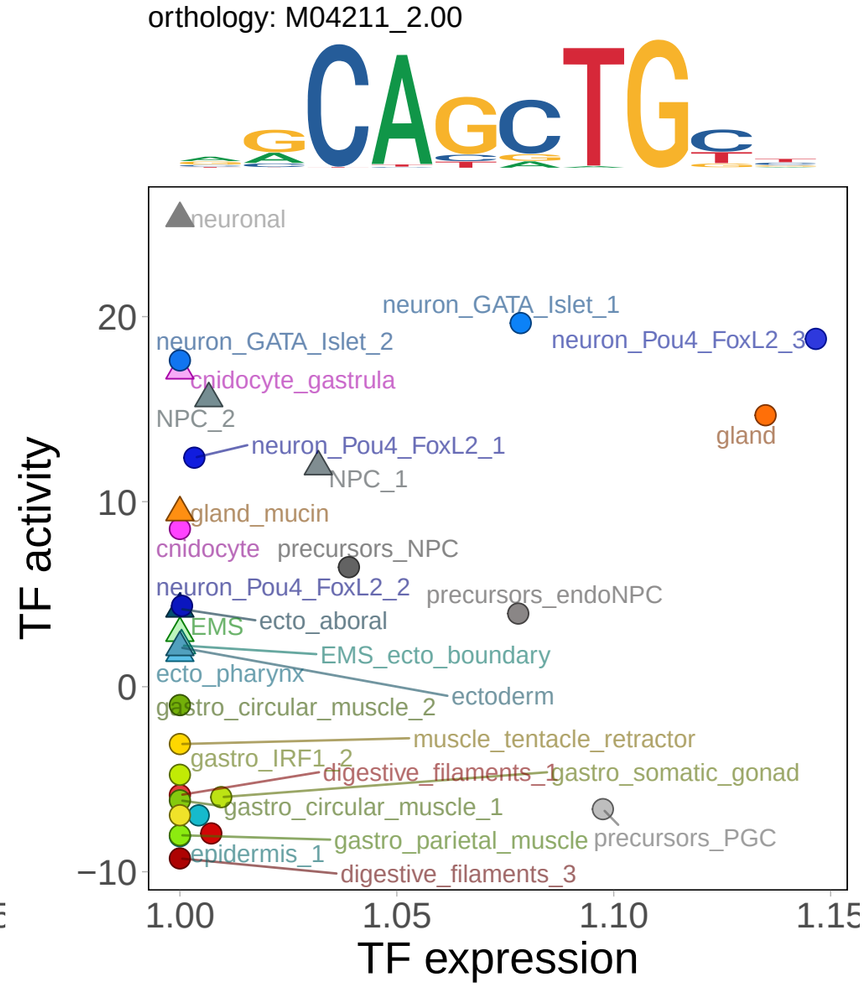


Nvec_vc1.1_XM_032369367.2
OG: HLH.HG1.69:ASCL3/ASCL4/ASCL5
PFAM: HLH

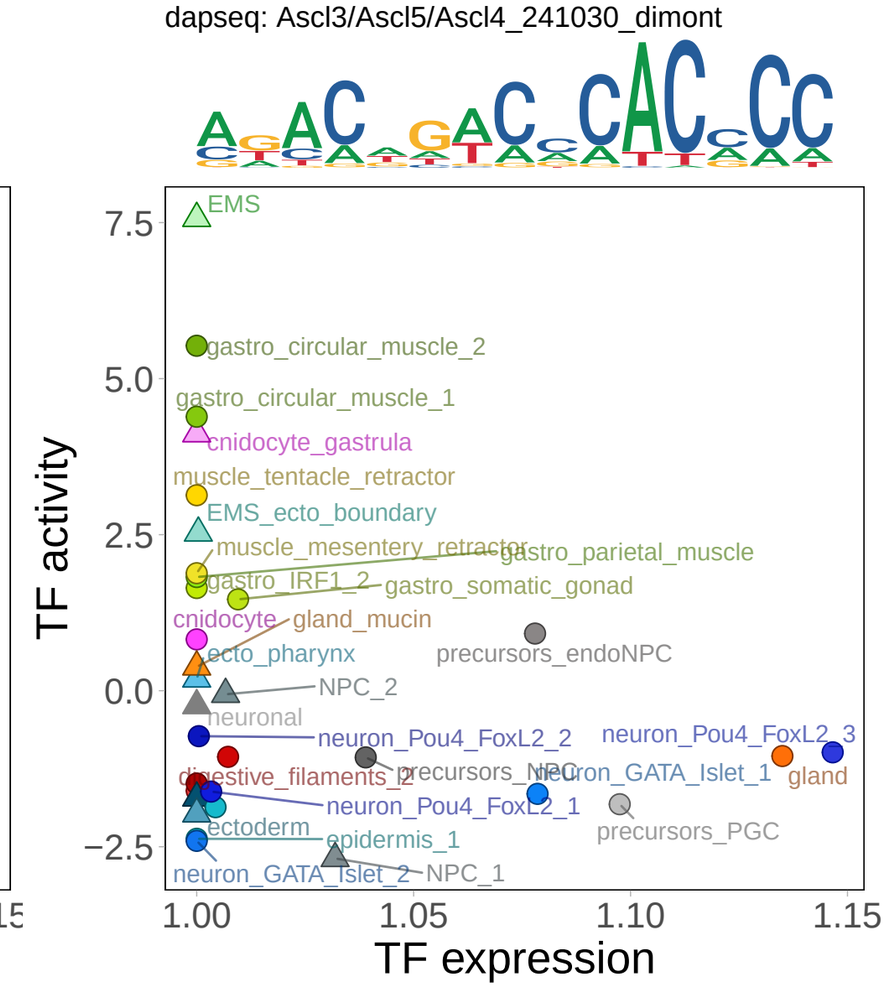
archetype: ARCH867_ZEB1__PL0011.1_hlh−...



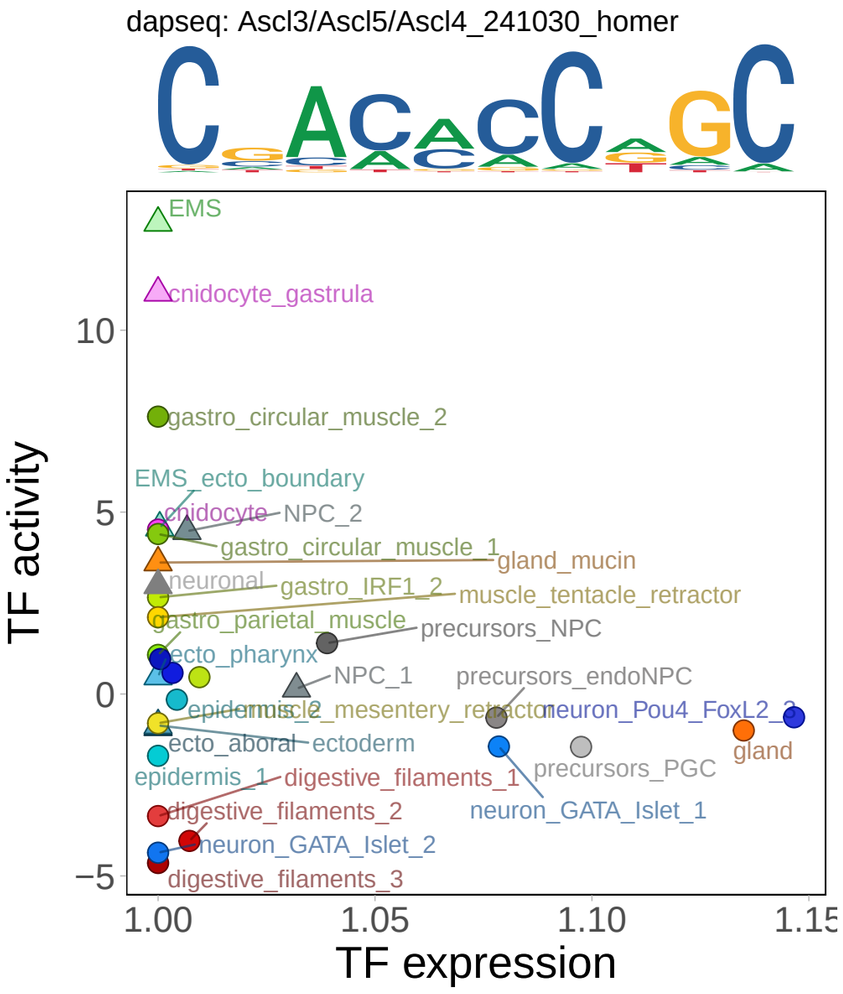
orthology: M04211_2.00



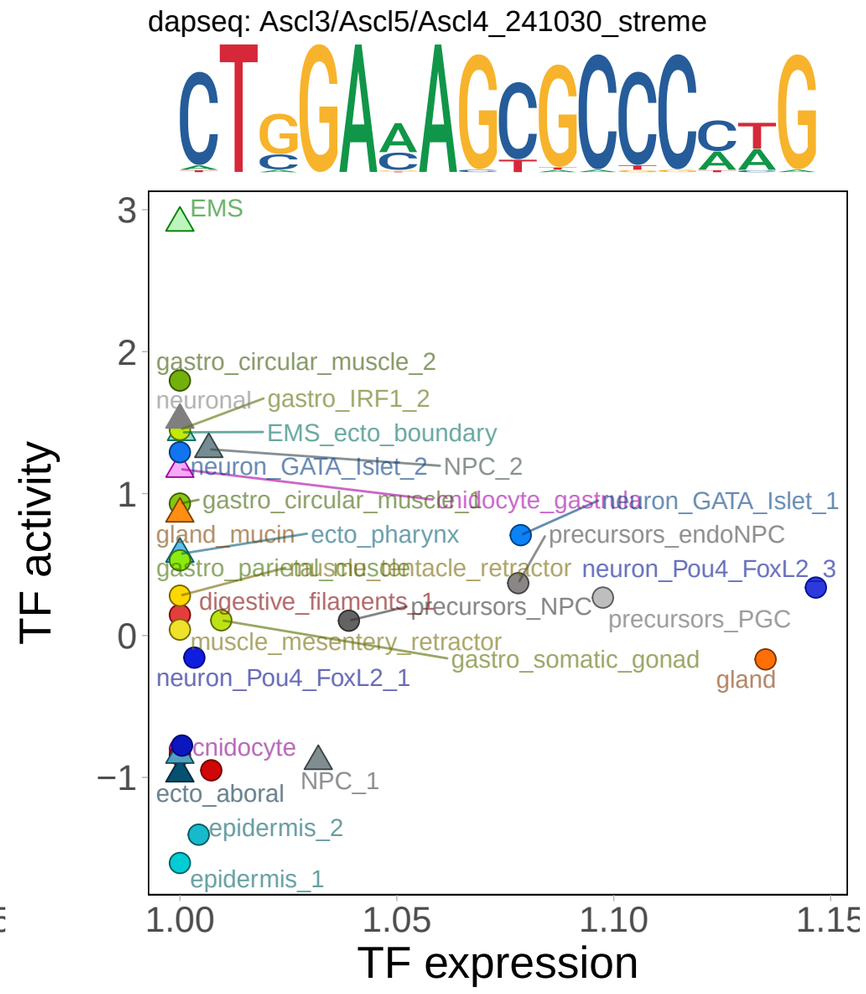
dapseq: Ascl3/Ascl5/Ascl4_241030_dimont



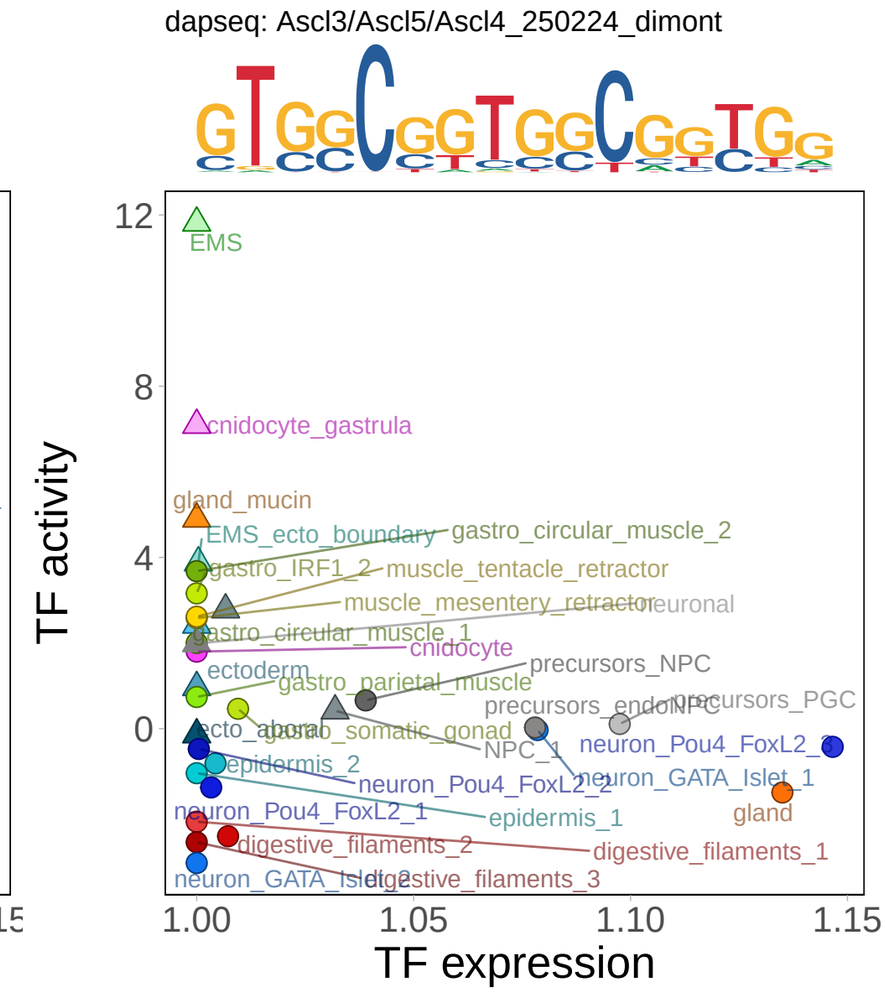
dapseq: Ascl3/Ascl5/Ascl4_241030_homer



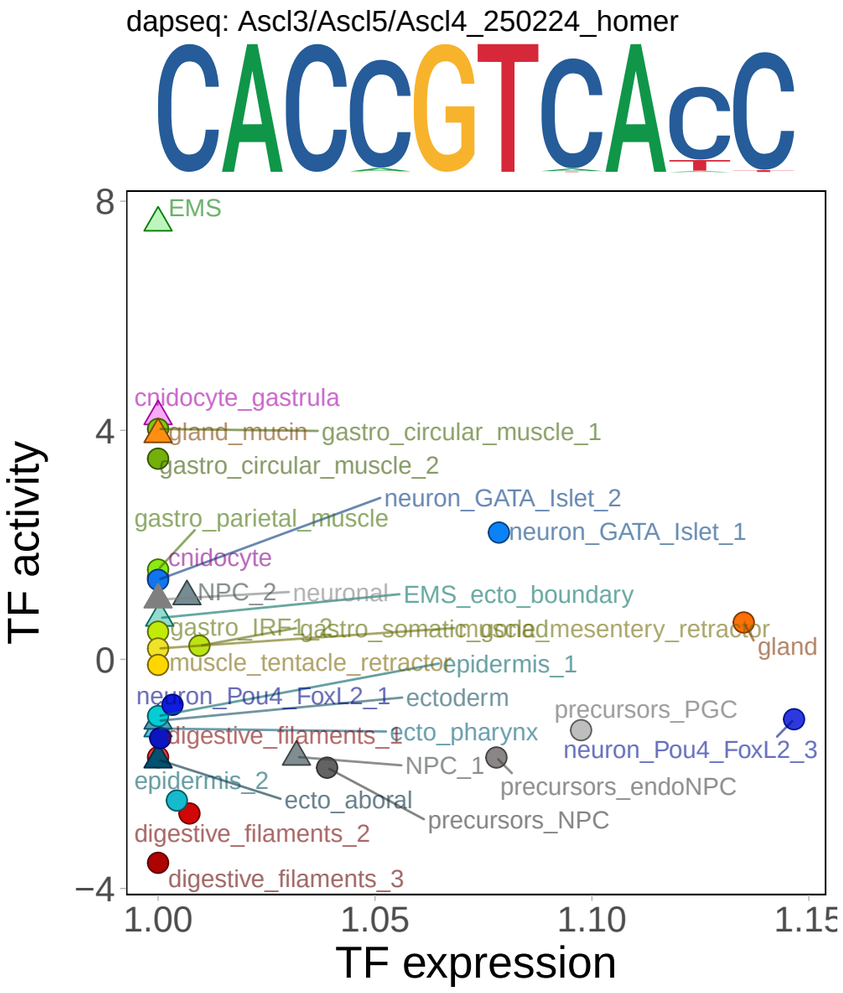
dapseq: Ascl3/Ascl5/Ascl4_241030_streme



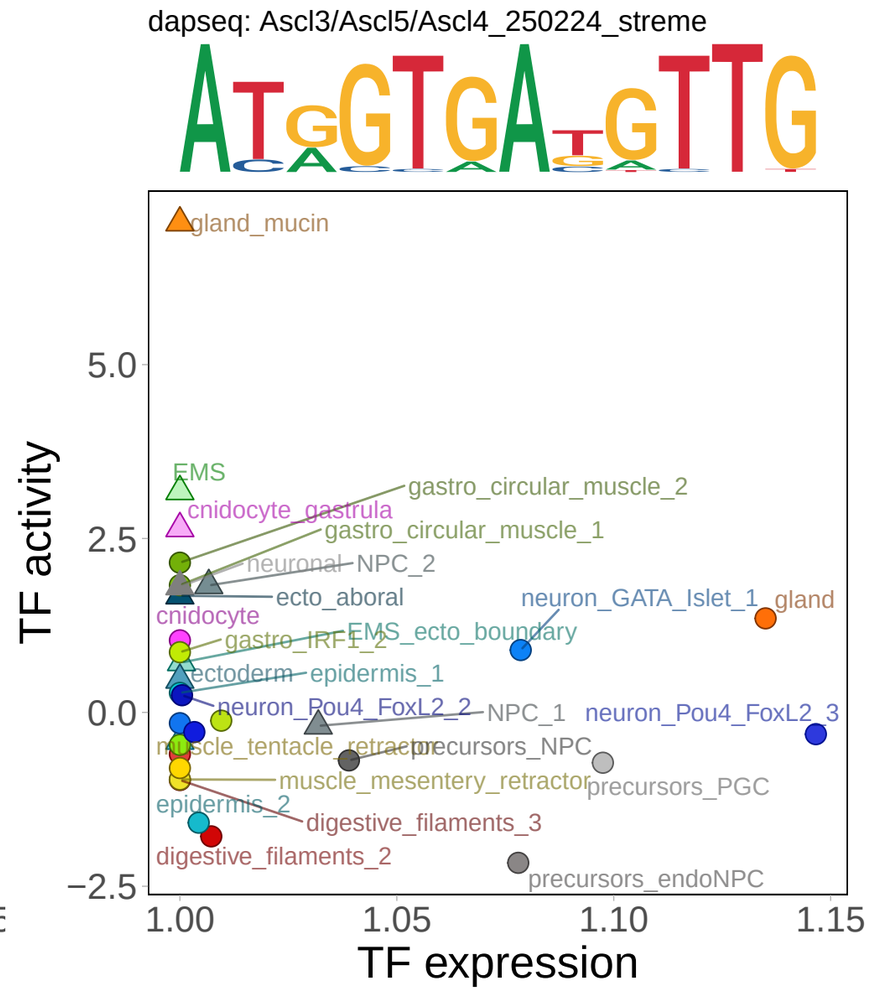
dapseq: Ascl3/Ascl5/Ascl4_250224_dimont



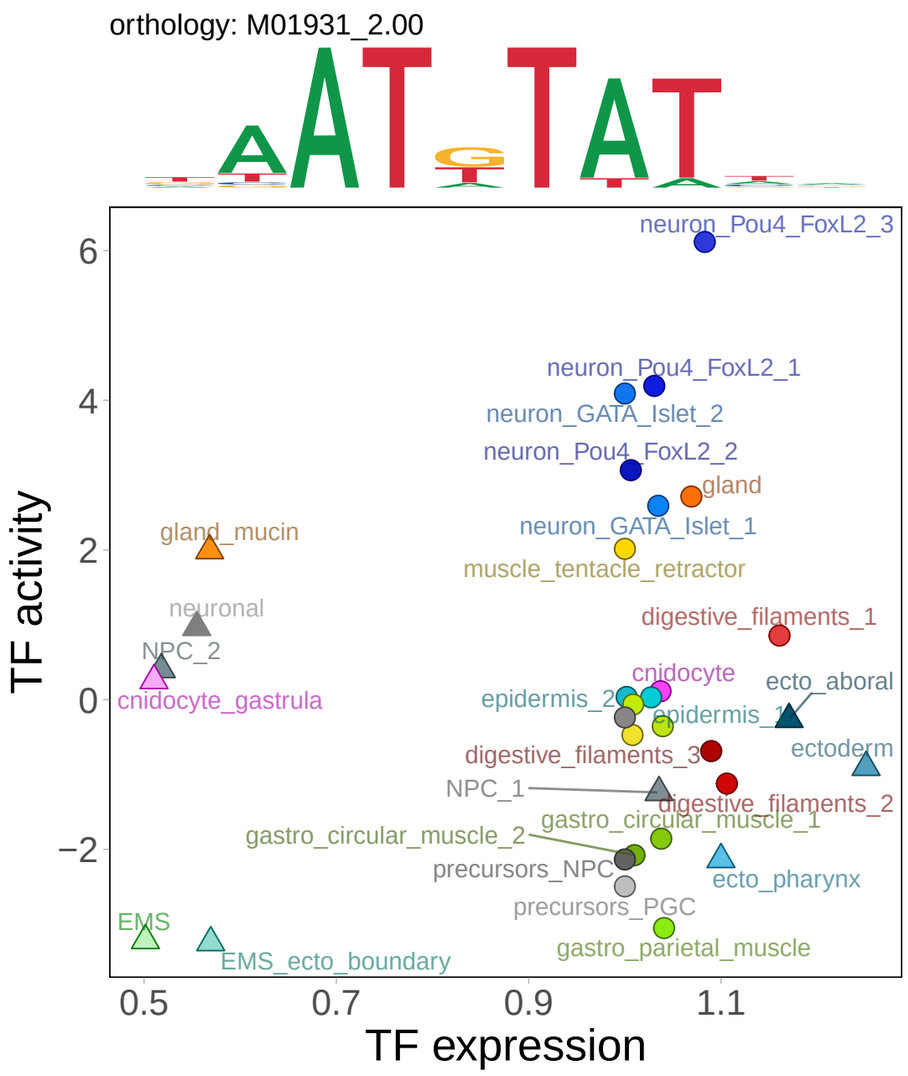
dapseq: Ascl3/Ascl5/Ascl4_250224_homer



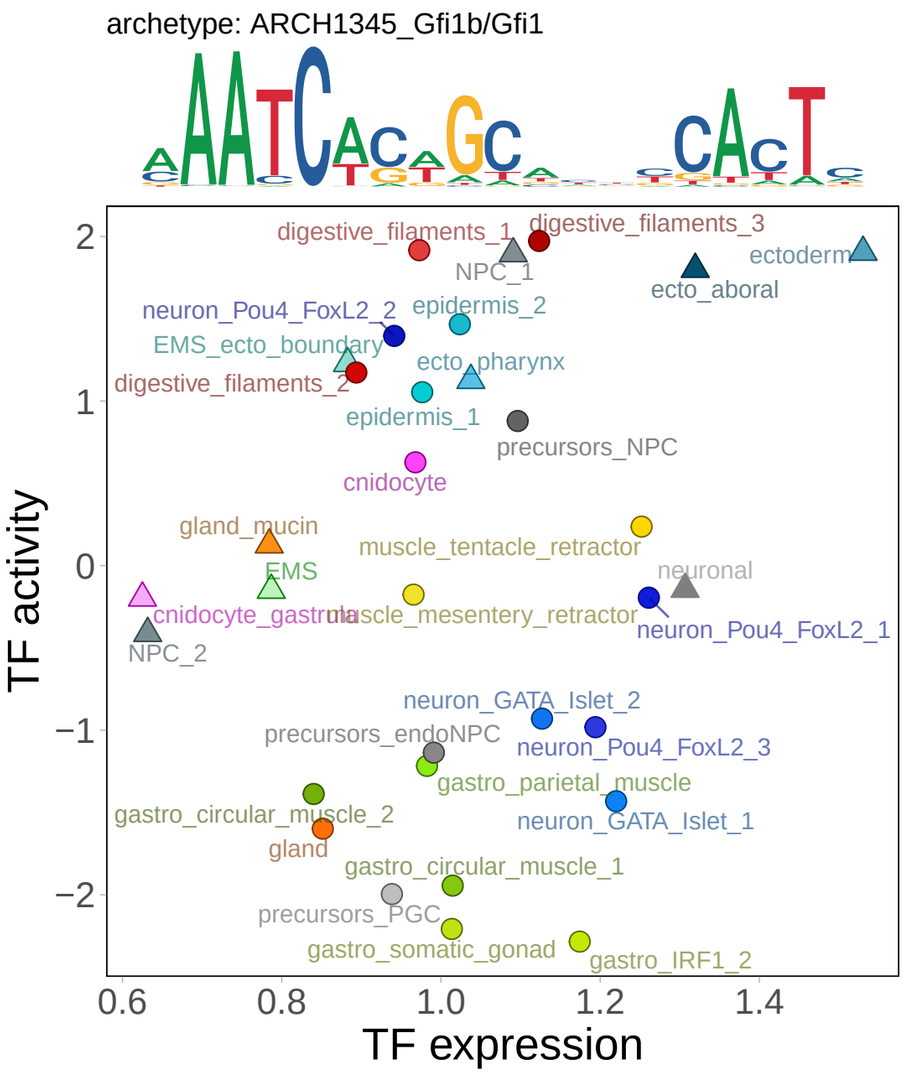
dapseq: Ascl3/Ascl5/Ascl4_250224_streme



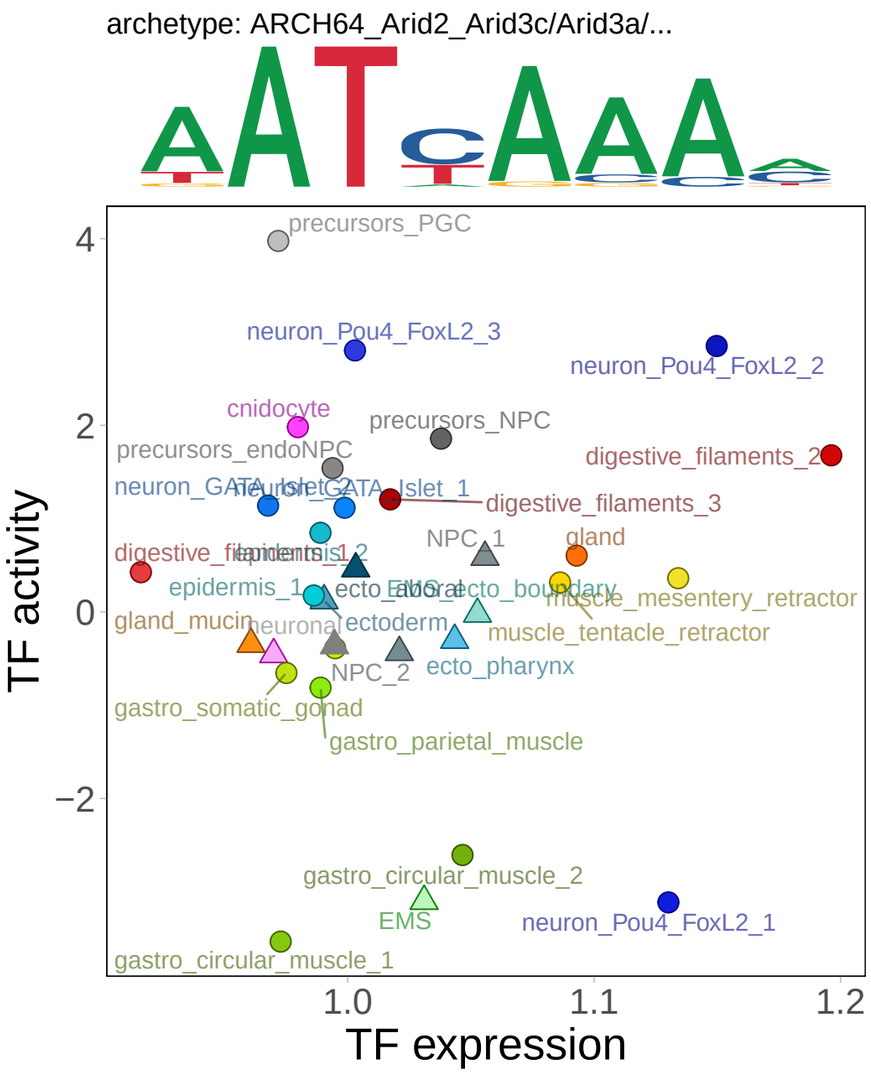
Nvec_vc1.1_XM_032369373.2
OG: Doublesex_DM.HG1.9:like:DMRT1/DMRT2/DMRT3/DMRTA1/DMRTA2/DMRTB1
PFAM: DM/DMA

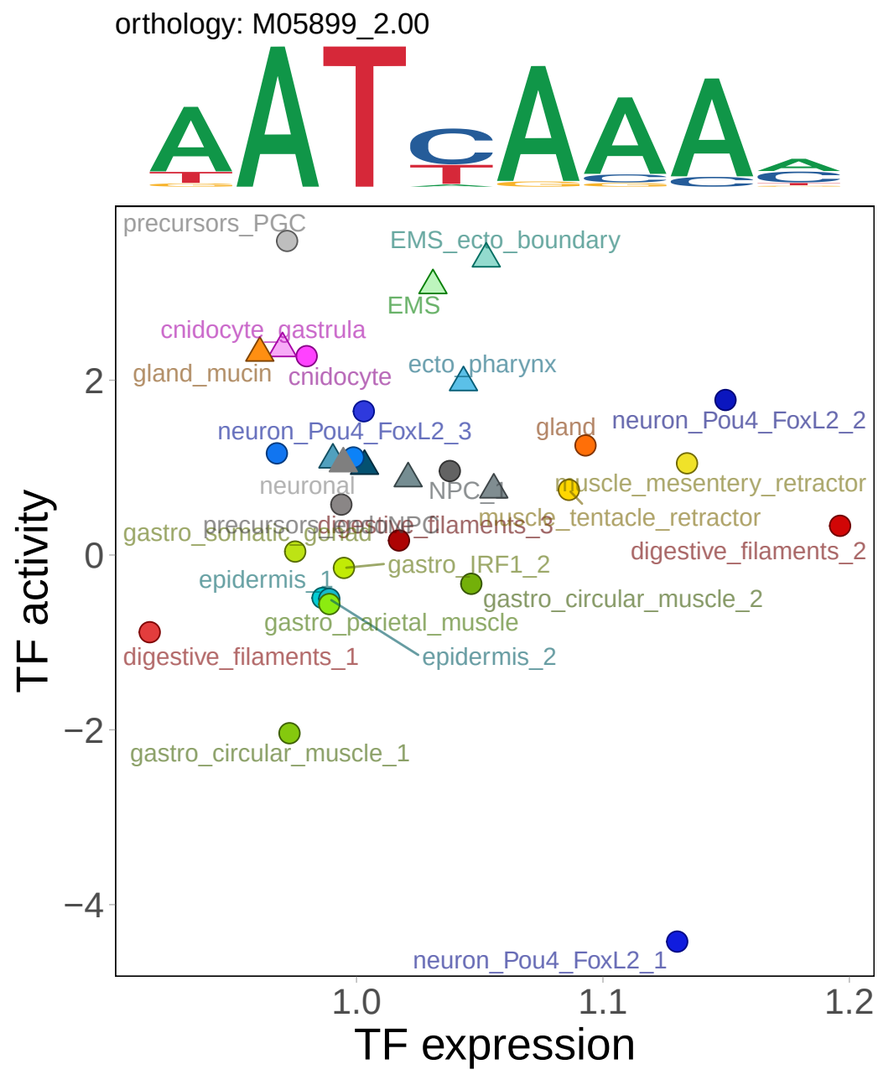


Nvec_vc1.1_XM_032369437.2
OG: zf−C2H2.HG2.20:KLF6/KLF7
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

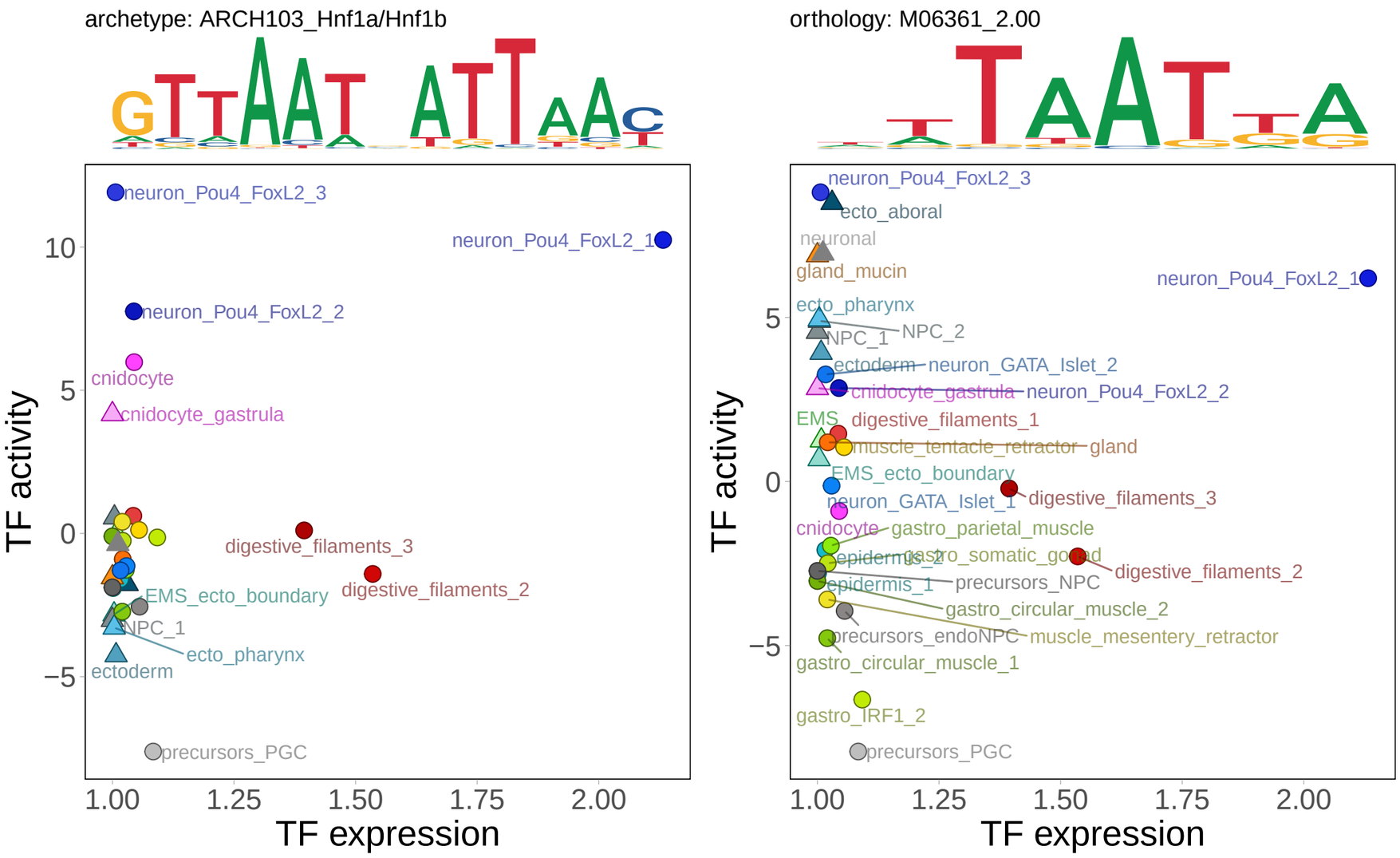


Nvec_vc1.1_XM_032369810.2
OG: ARID_BRIGHT.HG1.7:like:ARID1A/ARID1B/ARID3A/ARID3B/ARID3C
PFAM: ARID/BAF250_C

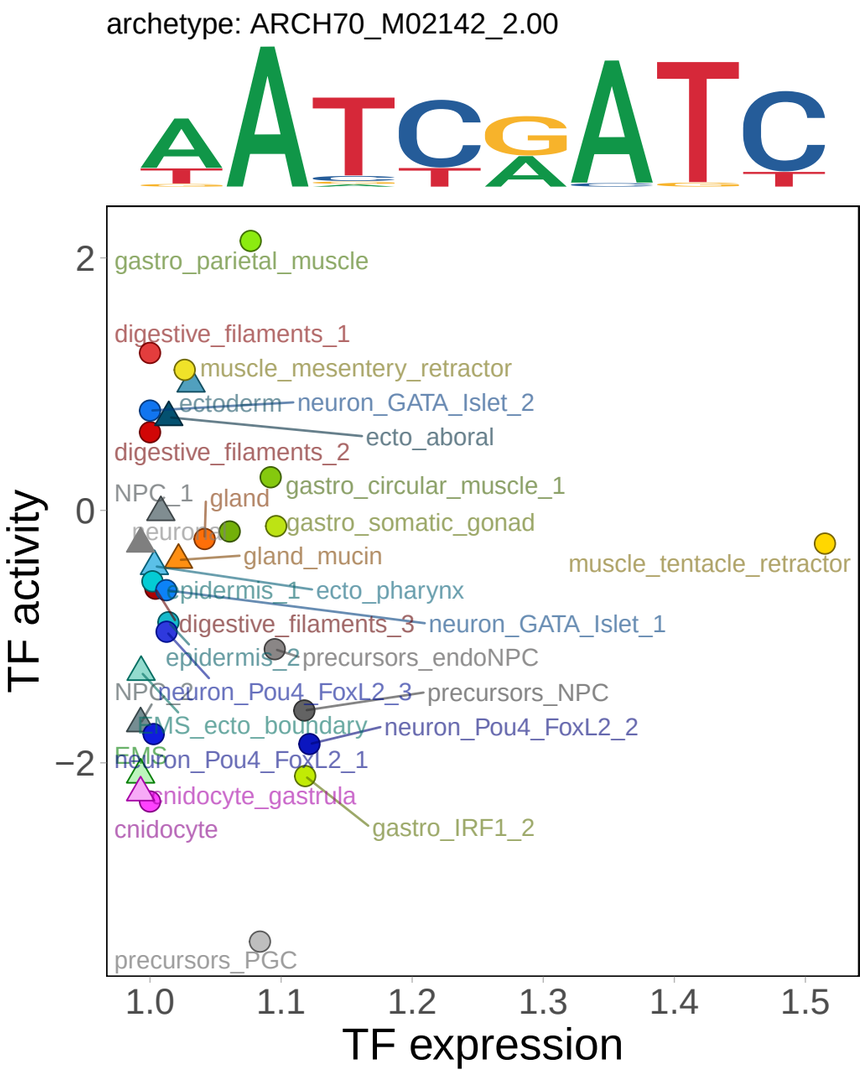


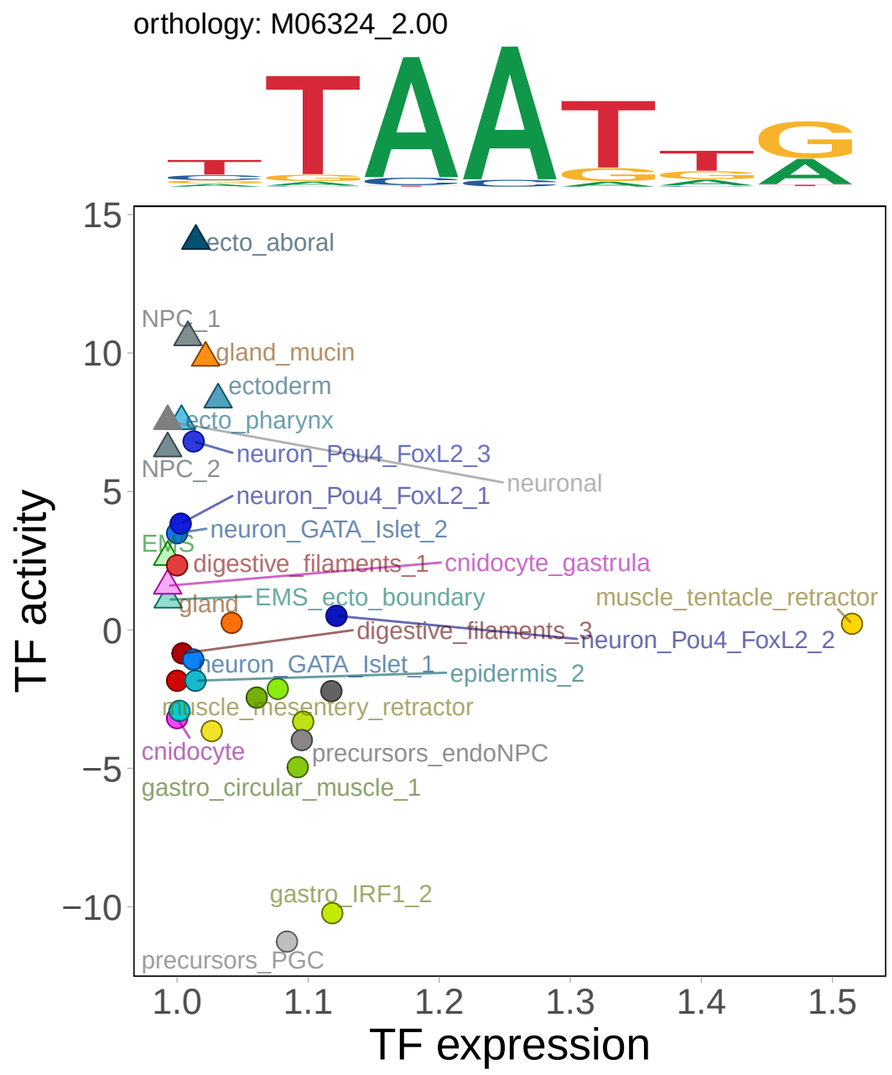


Nvec_vc1.1_XM_032370011.2
OG: Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3
PFAM: Homeodomain

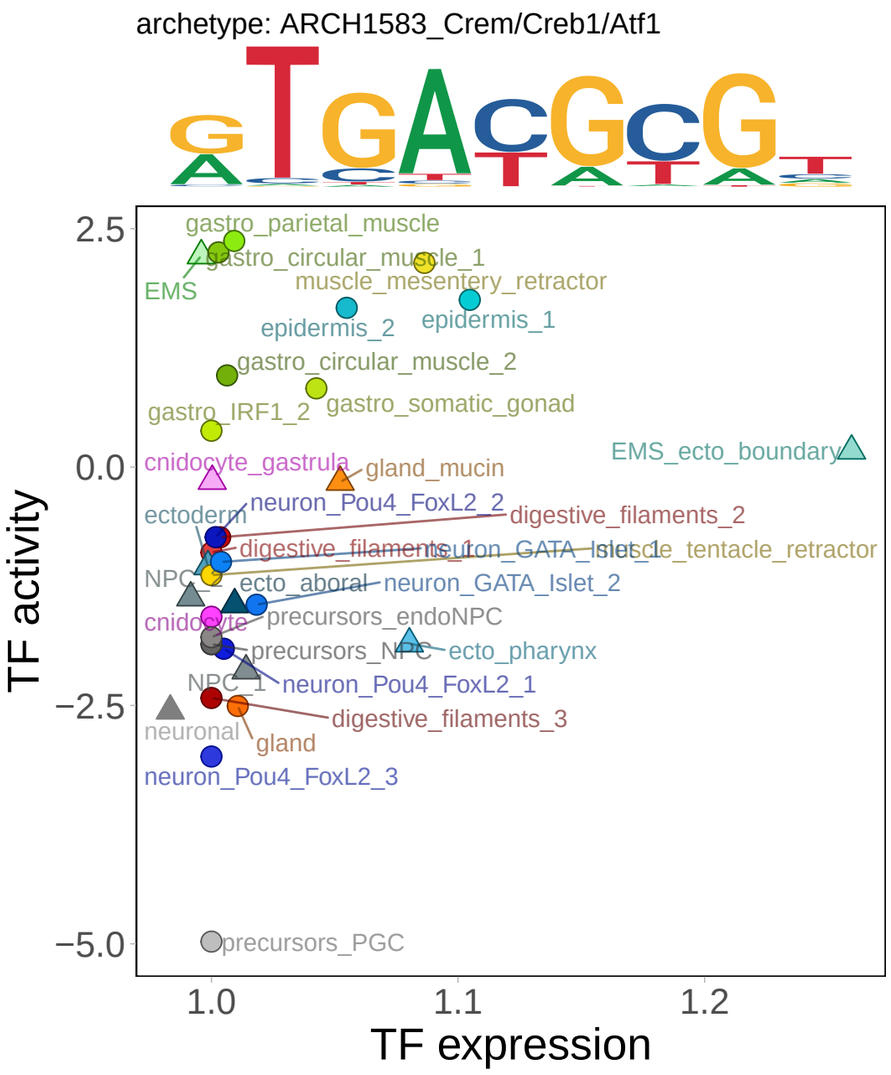


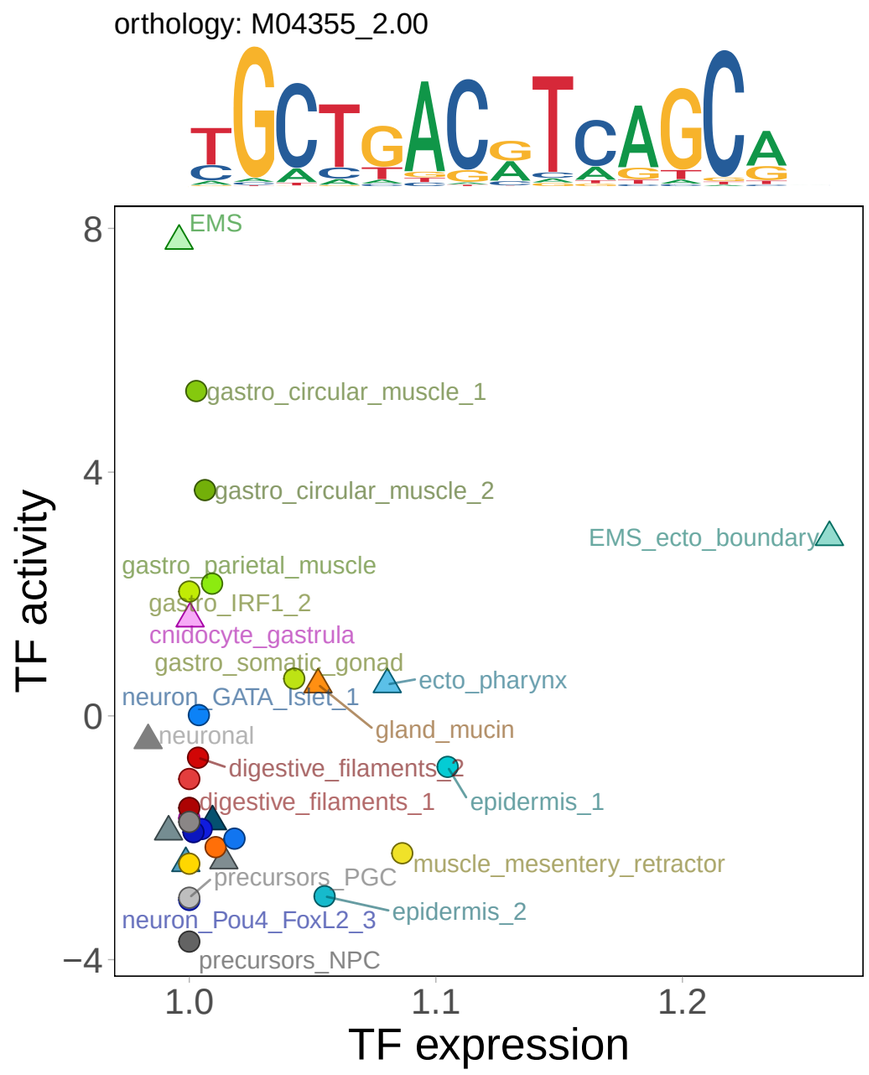
Nvec_vc1.1_XM_032370013.2
OG: Homeodomains.HG1.37:NKX6−1/NKX6−2/NKX6−3
PFAM: Homeodomain



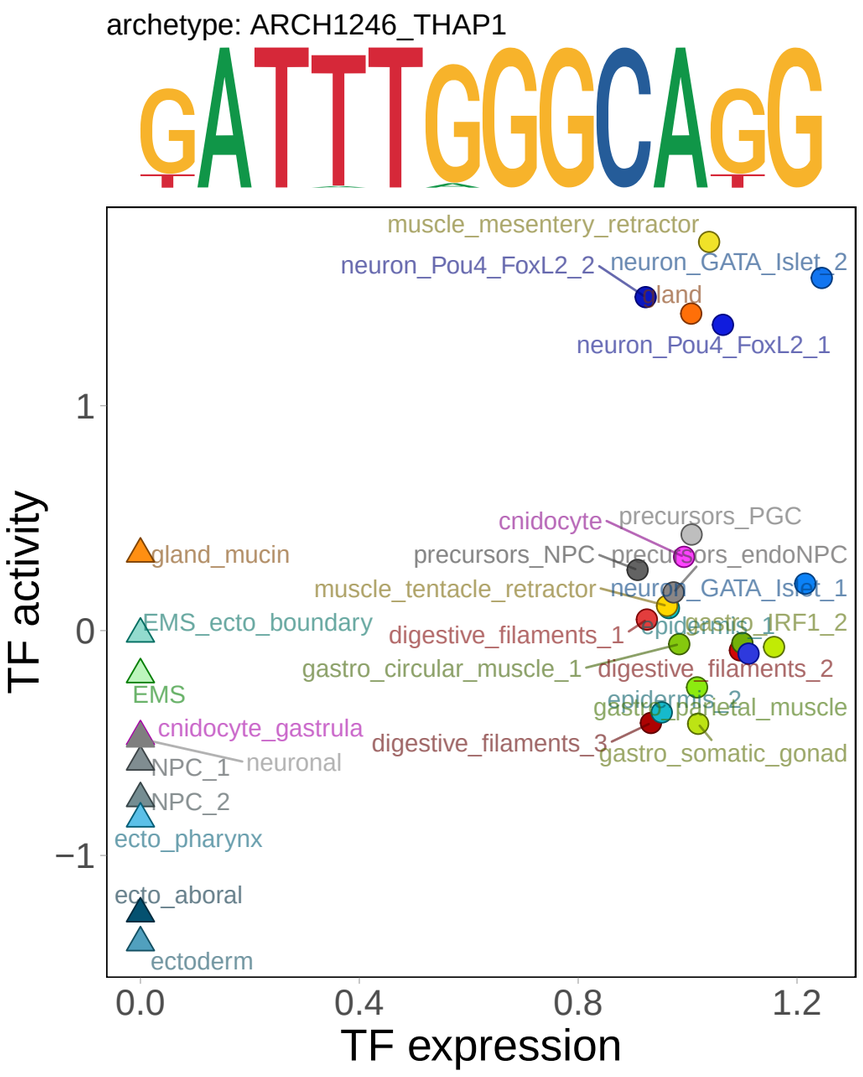


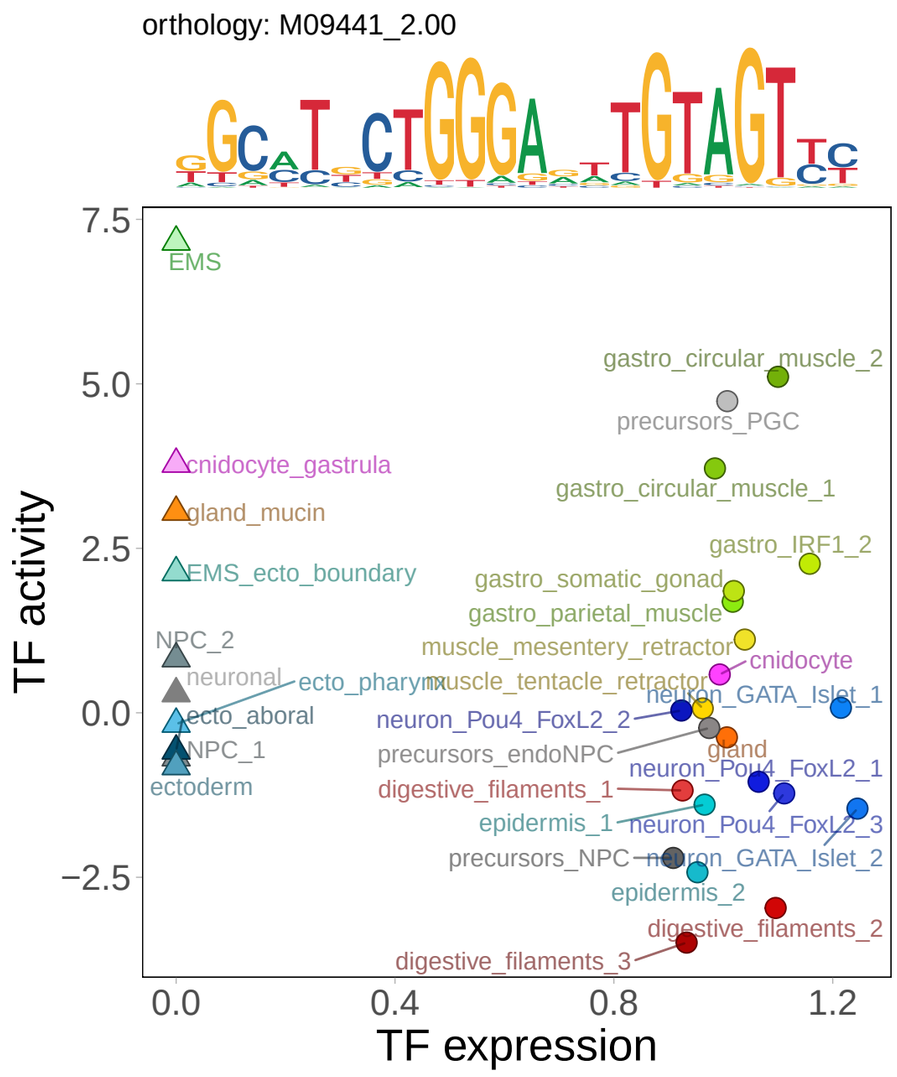
Nvec_vc1.1_XM_032370269.2
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB/NRL
PFAM: bZIP_Maf



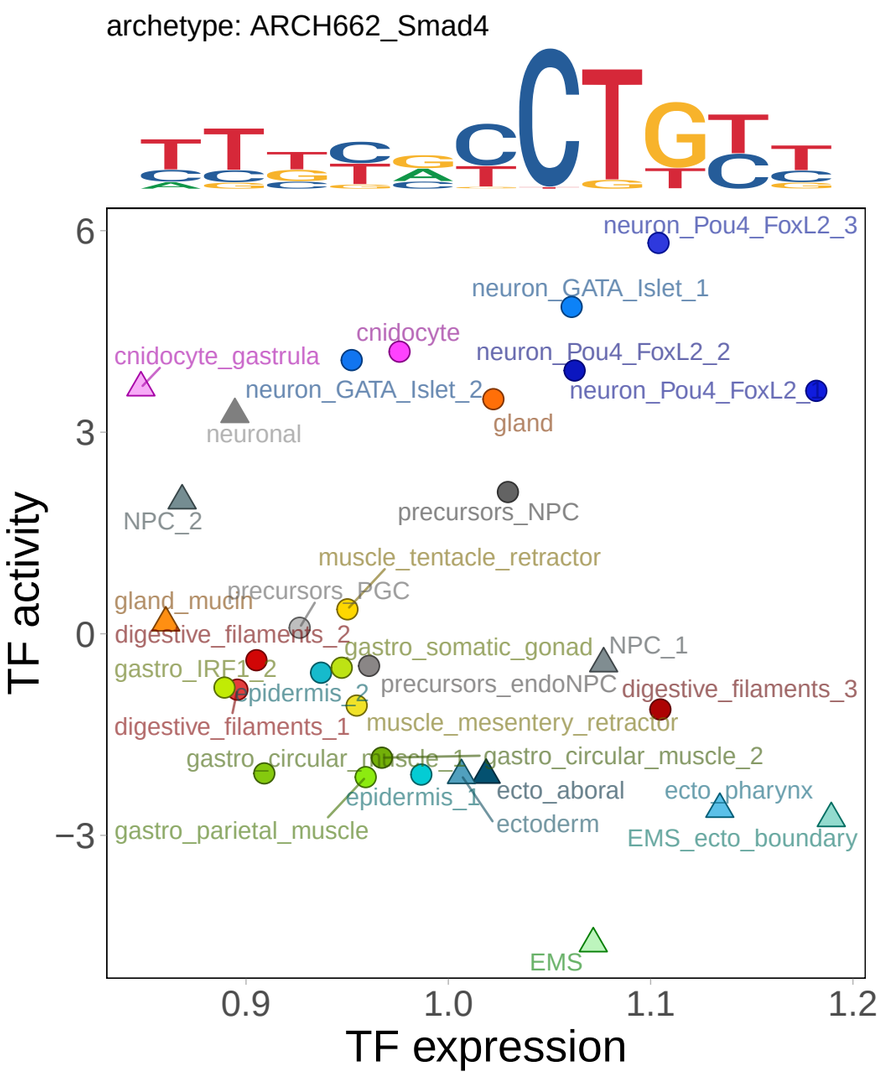


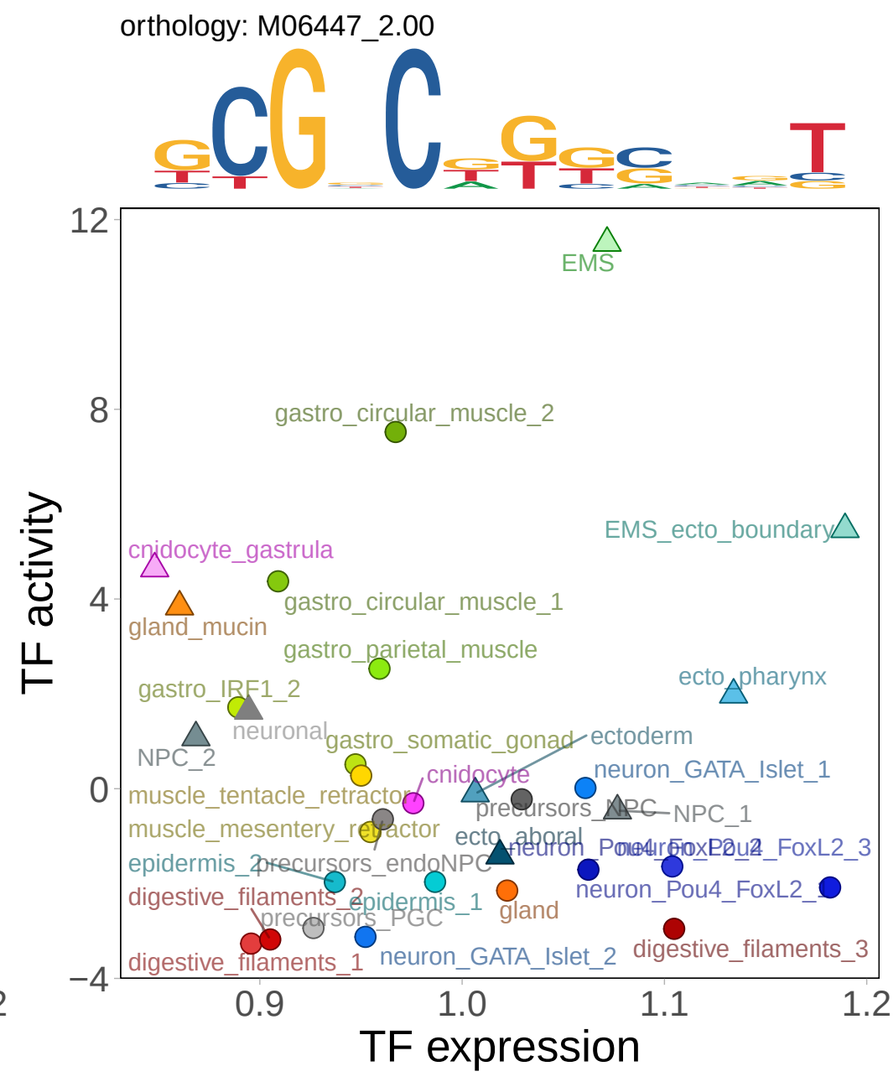
Nvec_vc1.1_XM_032370334.2
OG: THAP_finger.HG1.20:like:THAP11
PFAM: THAP



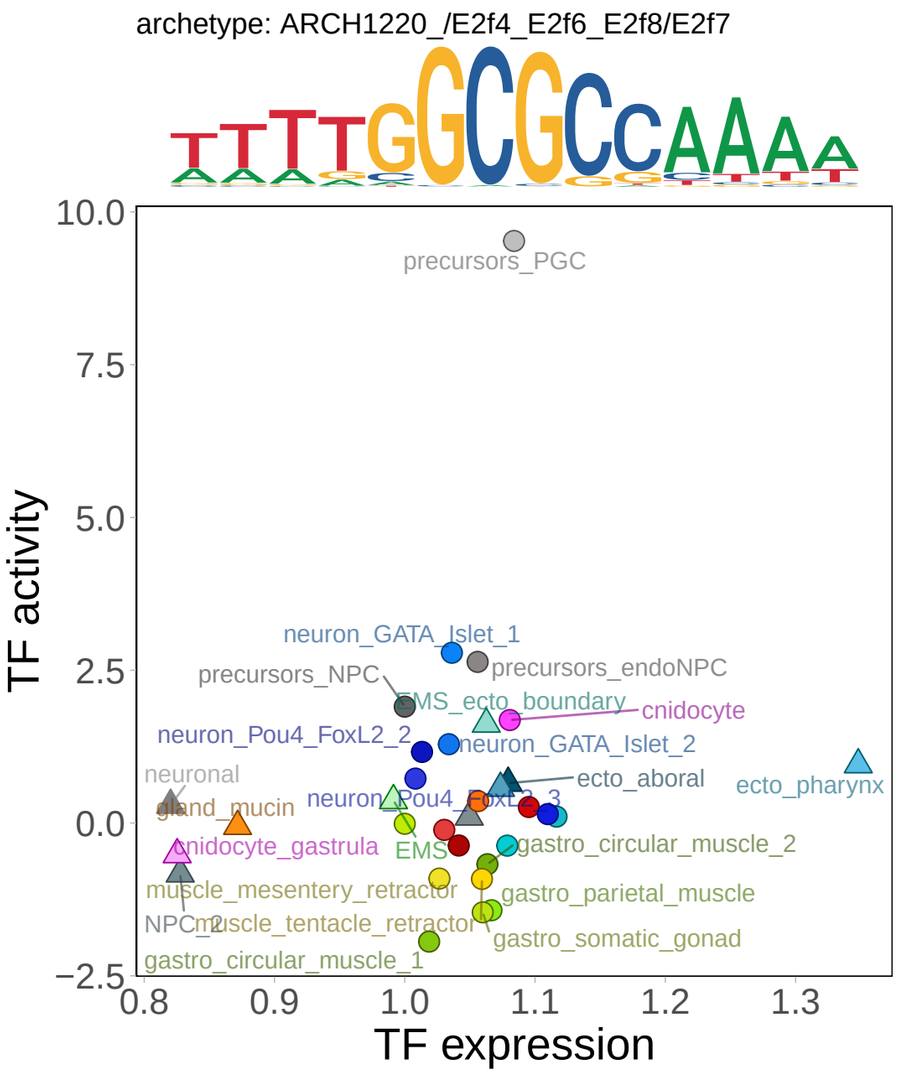


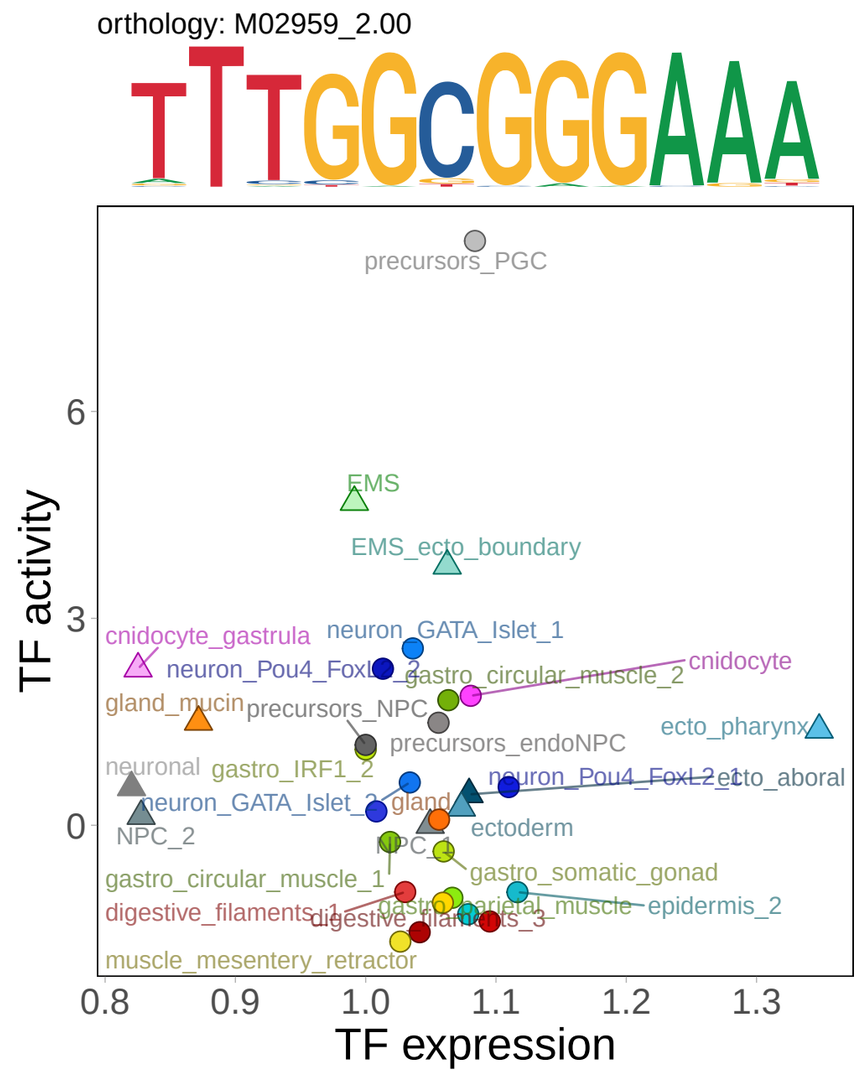
Nvec_vc1.1_XM_032370541.2
OG: SMAD_MH1.HG1.1:SMAD4
PFAM: MH1/MH2



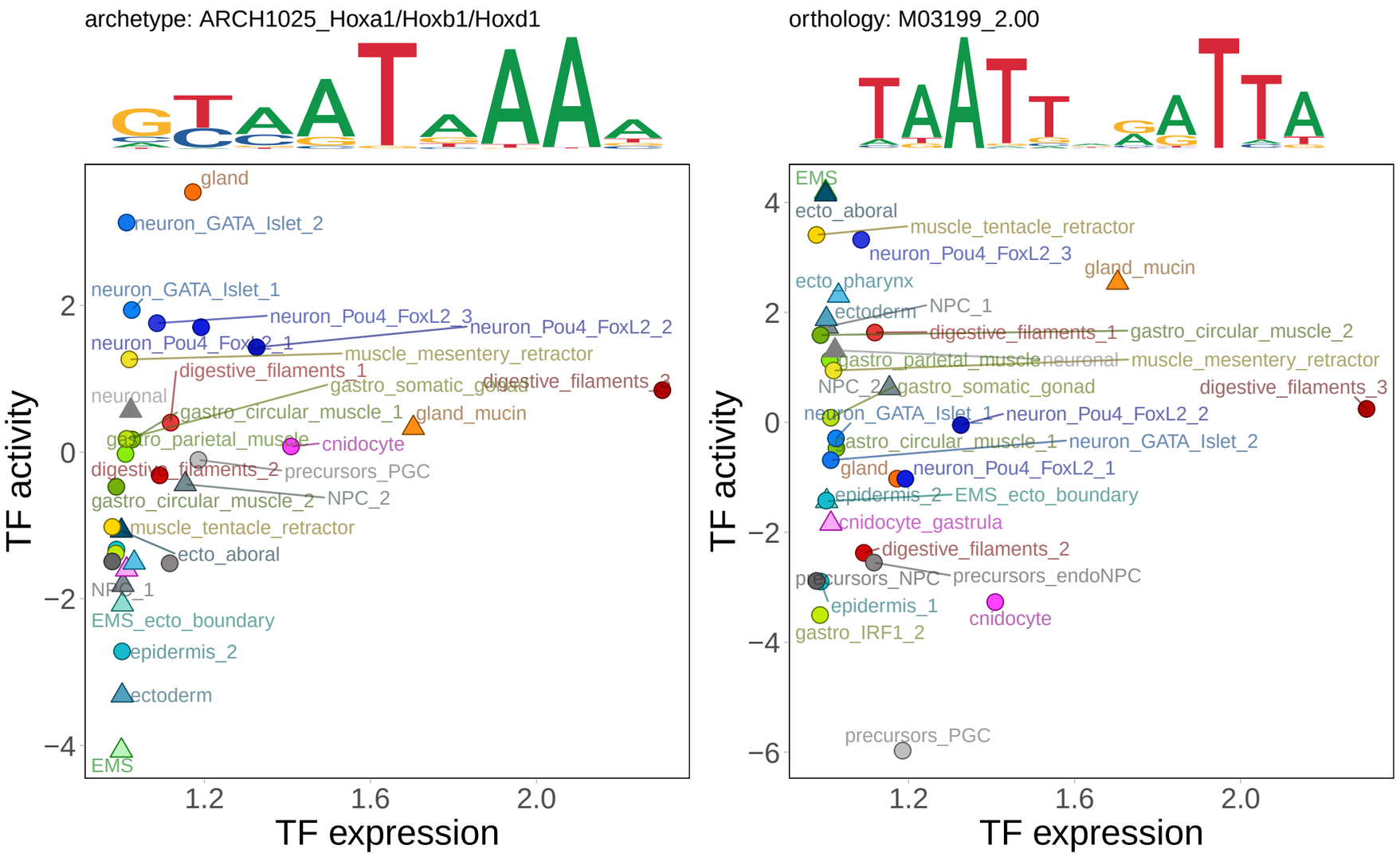


Nvec_vc1.1_XM_032370623.2
OG: E2F_TDP.HG1.0:E2F7/E2F8
PFAM: E2F_TDP/E2F_TDP



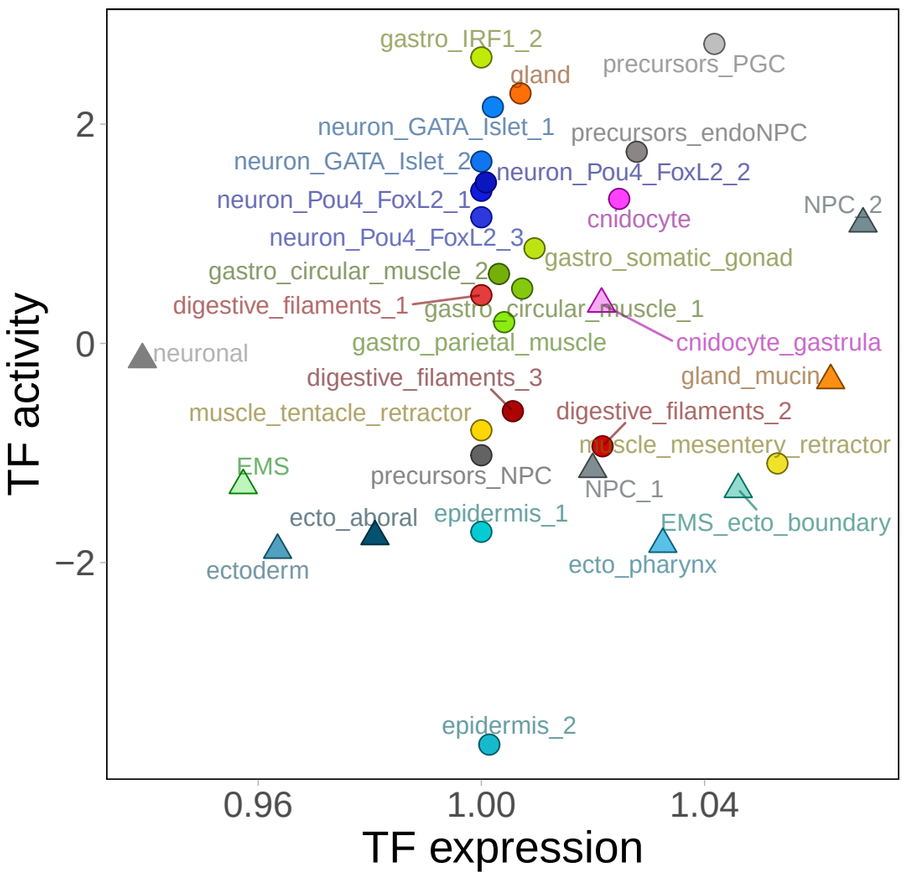


Nvec_vc1.1_XM_032371032.2
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR

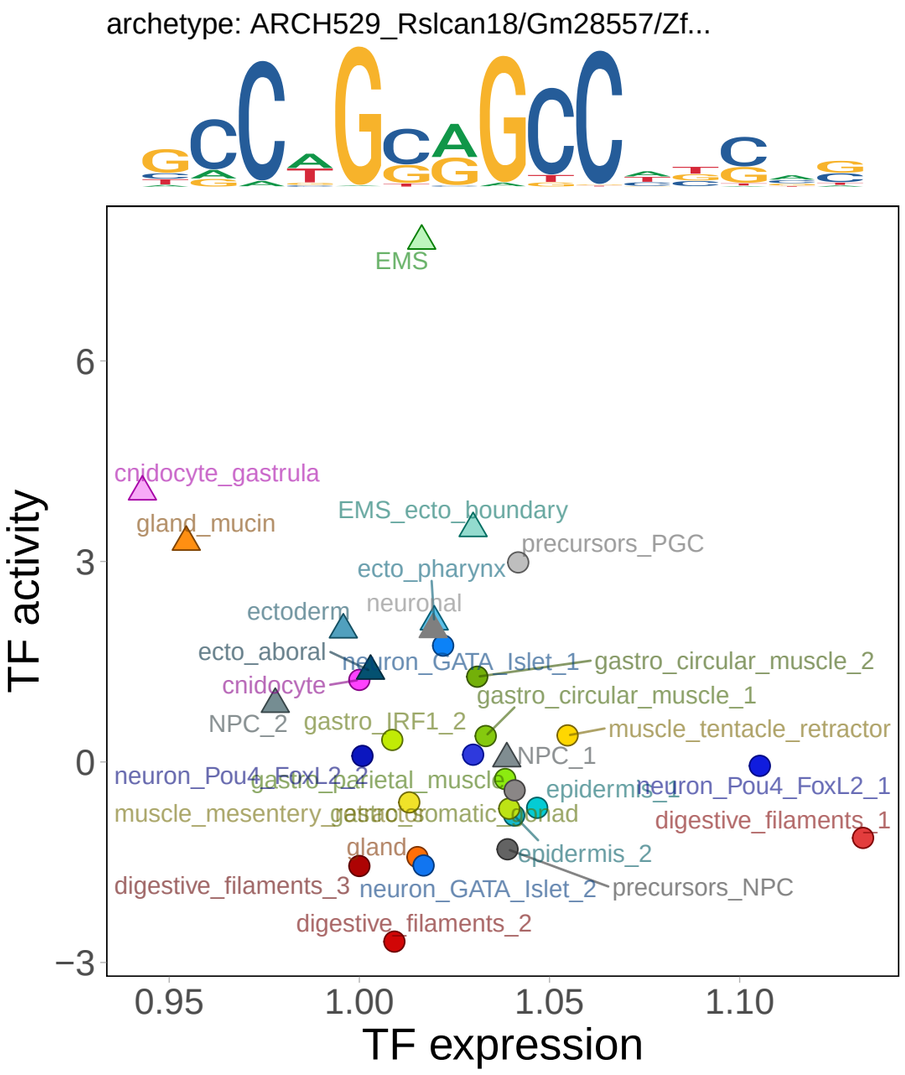


Nvec_vc1.1_XM_032371091.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2

archetype: ARCH822_M08939_2.00__M10306...

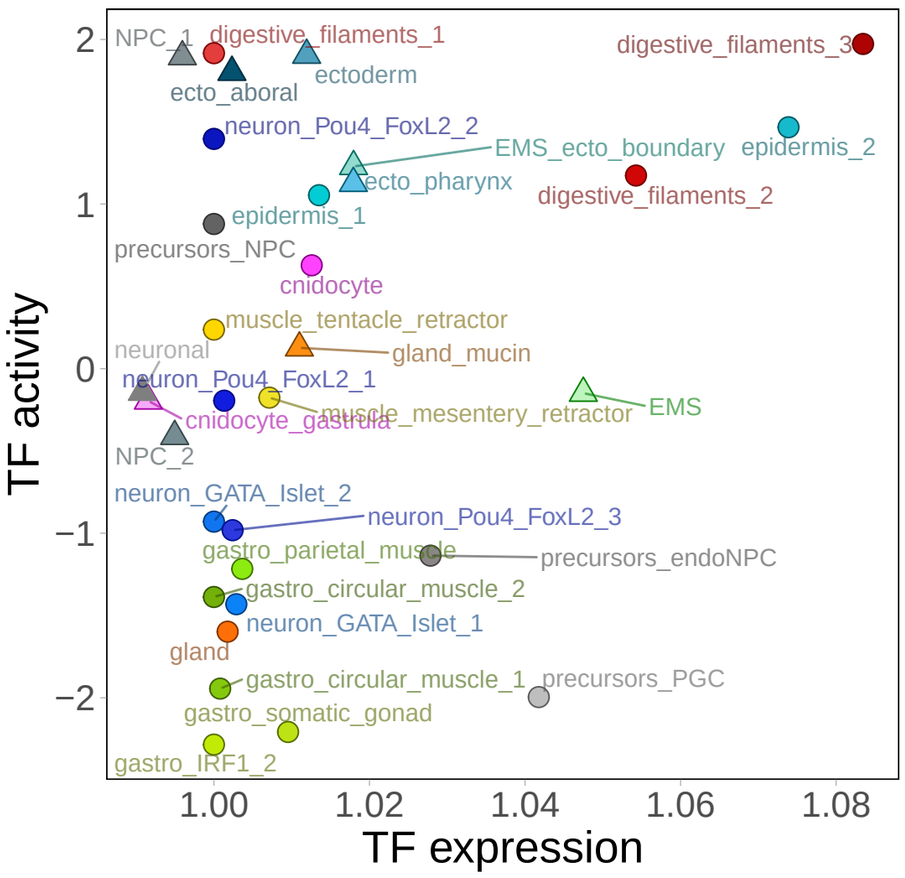


Nvec_vc1.1_XM_032371093.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

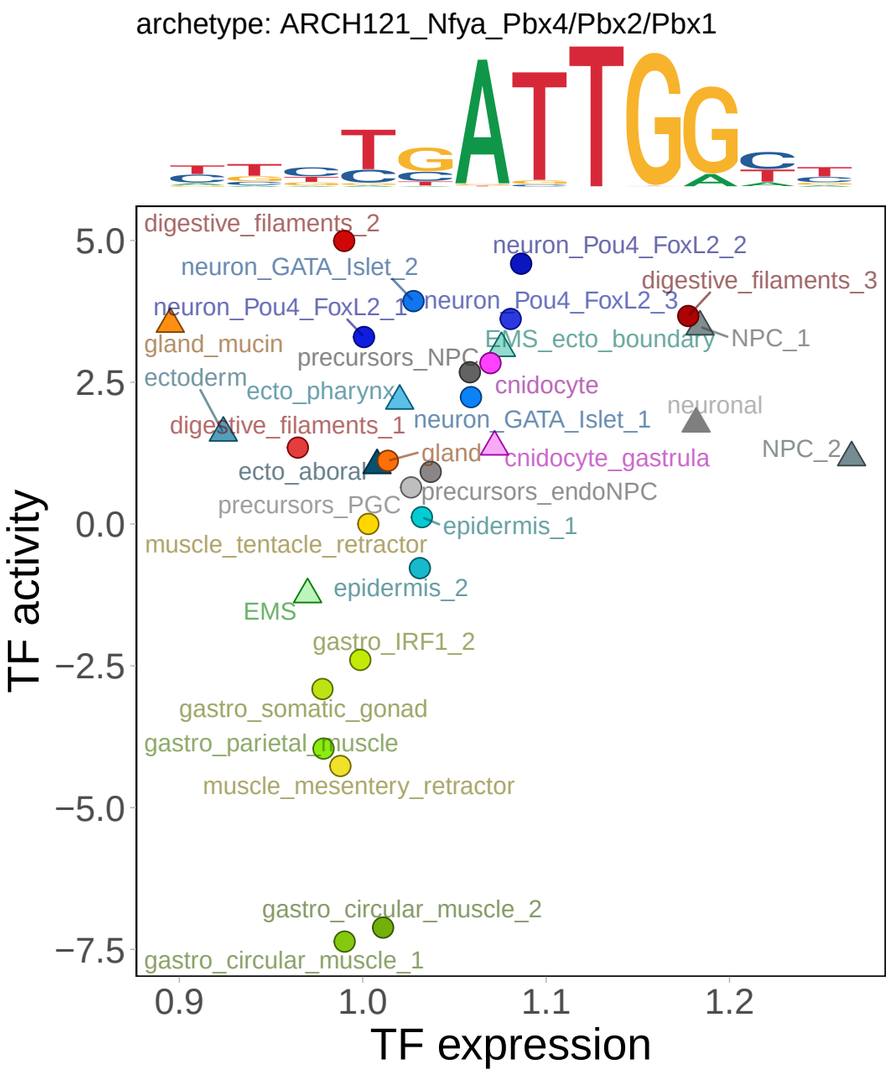


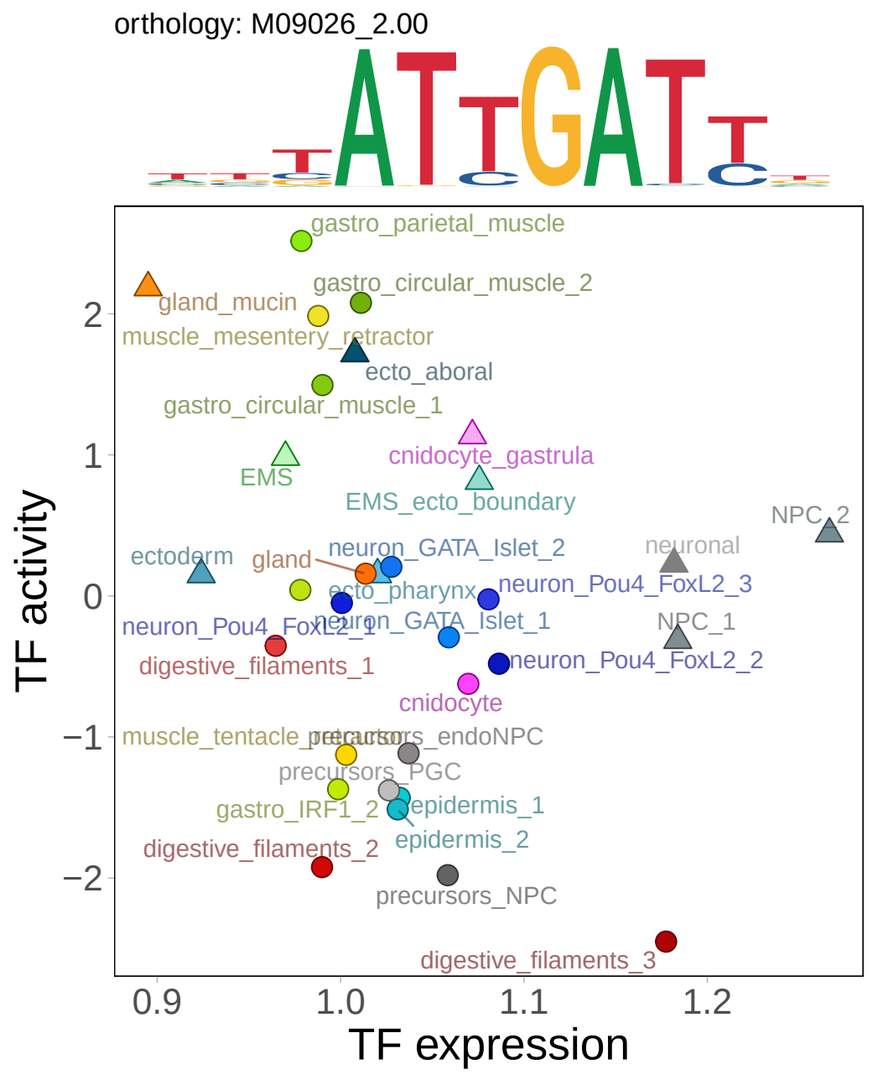
Nvec_vc1.1_XM_032371094.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H2

archetype: ARCH1345_Gfi1b/Gfi1



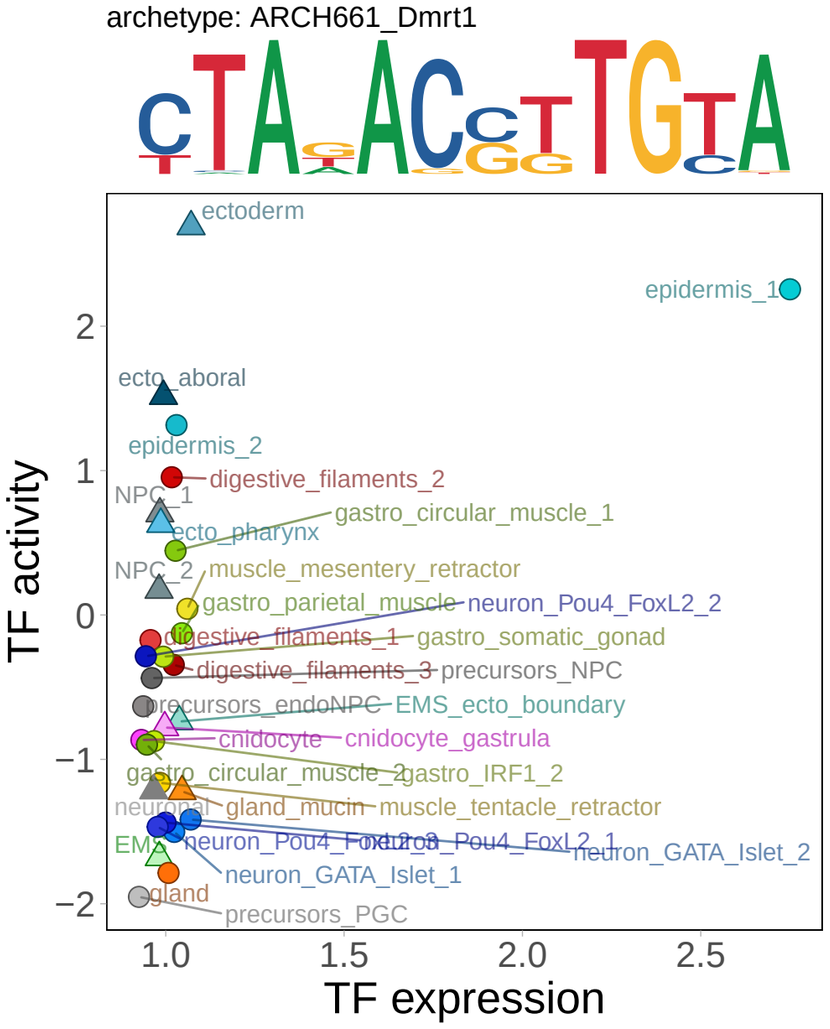
Nvec_vc1.1_XM_032371469.2
OG: Homeodomains.HG3.4:SATB1/SATB2/ZHX1/ZHX2/ZHX3
PFAM: CSTF1_dimer/CUT





Nvec_vc1.1_XM_032371744.2
OG: Doublesex_DM.HG1.12:DMRTA1/DMRTA2/DMRTB1
PFAM: DM/DMA

archetype: ARCH661_Dmrt1



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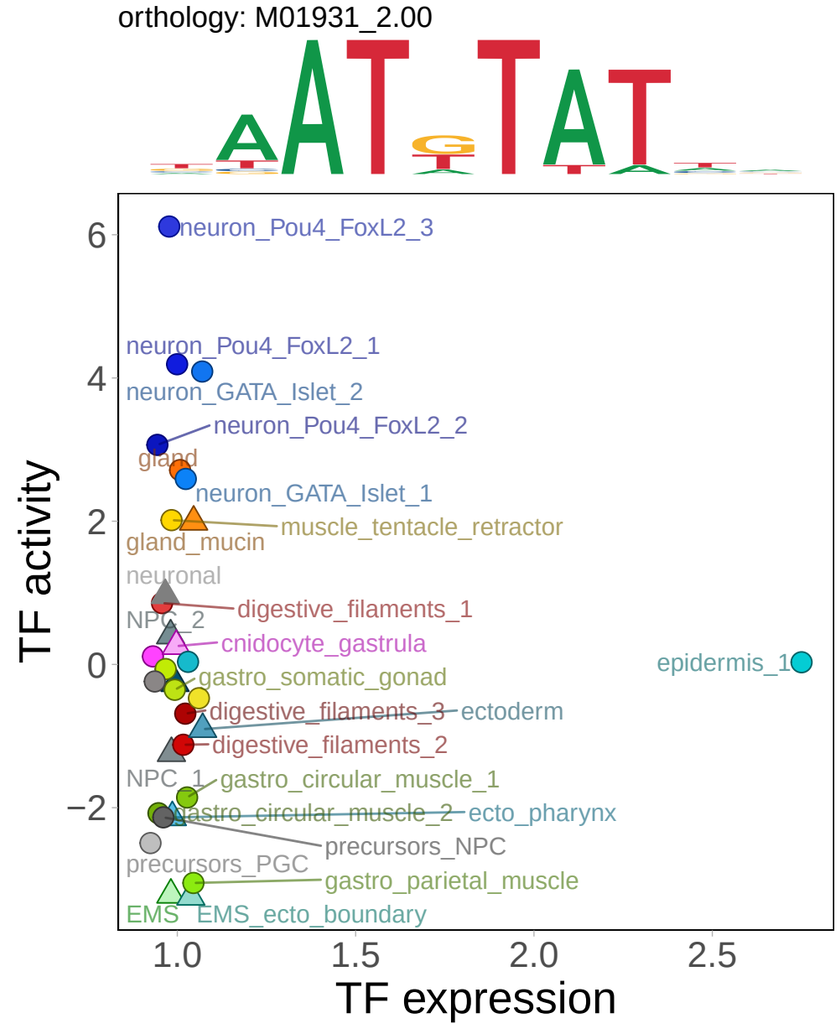
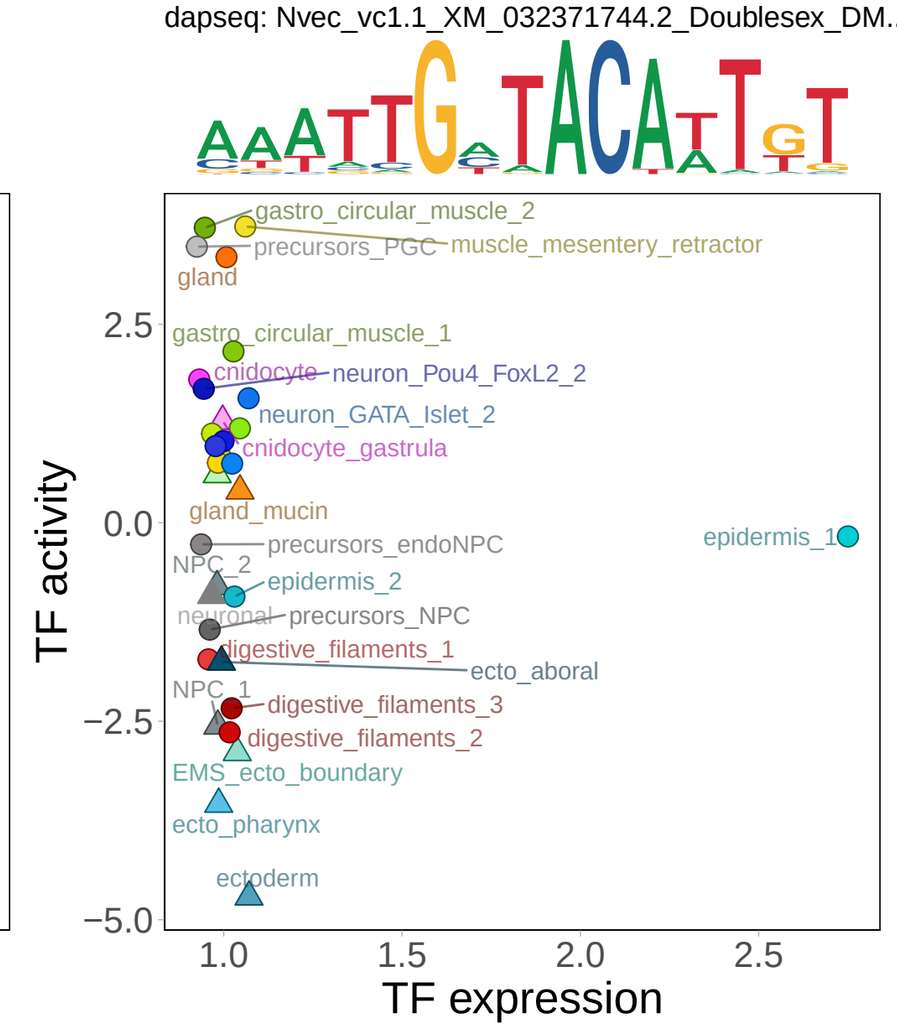


dapseq: Nvec_vc1.1_XM_032371744.2_Doublesex_DM...



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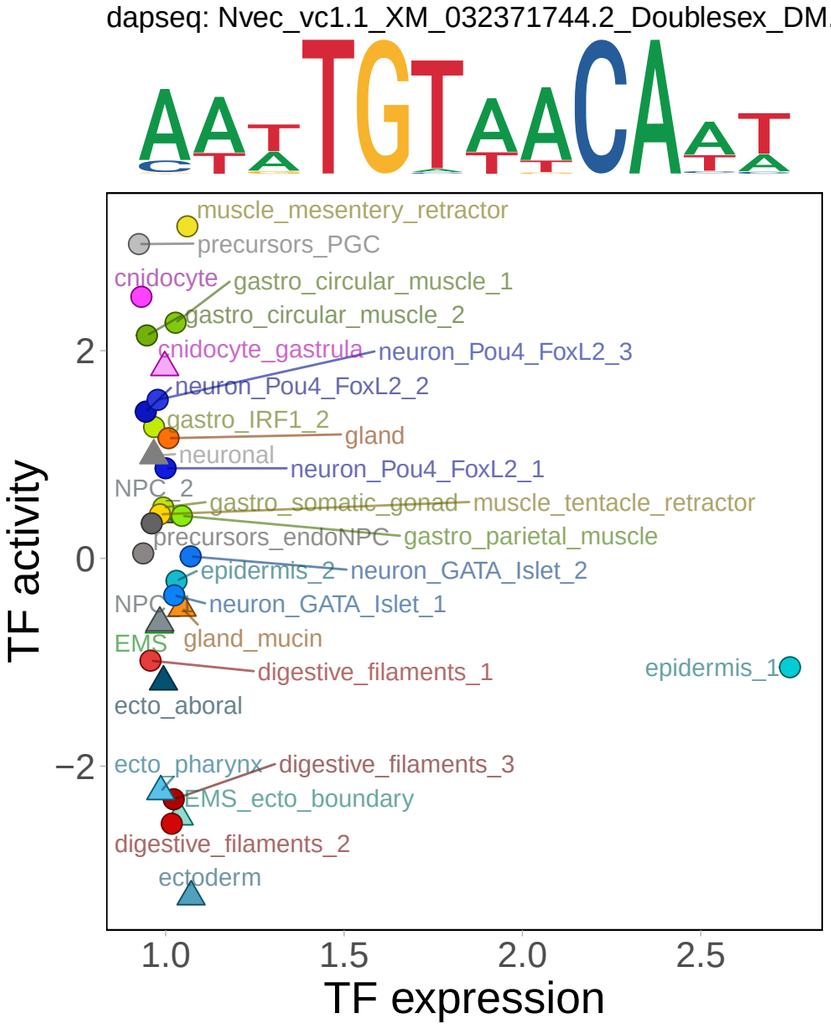

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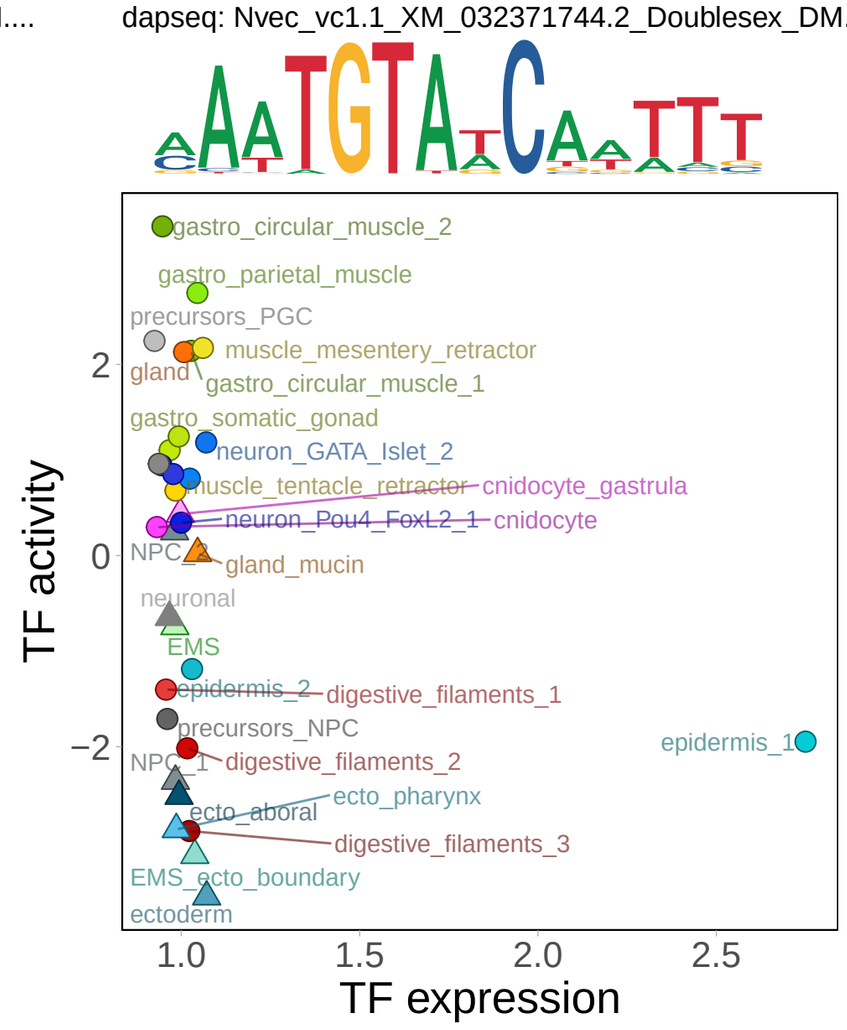
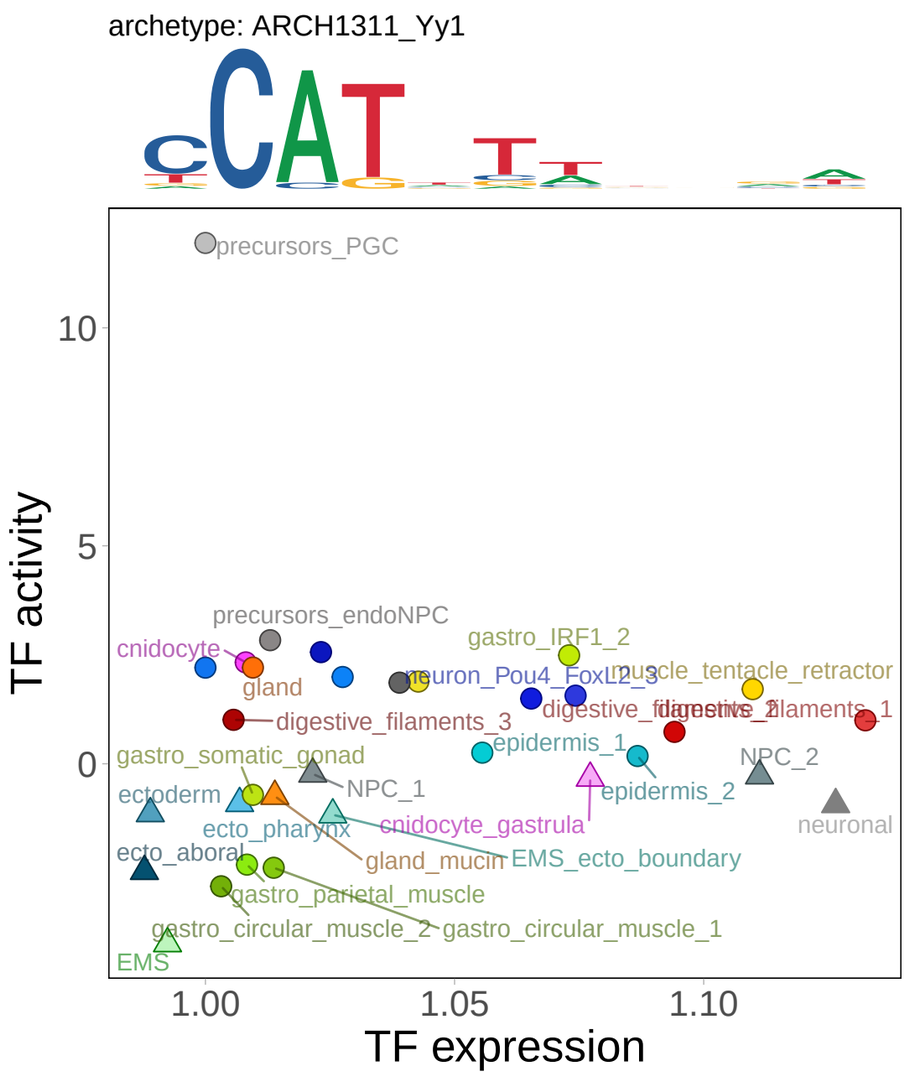
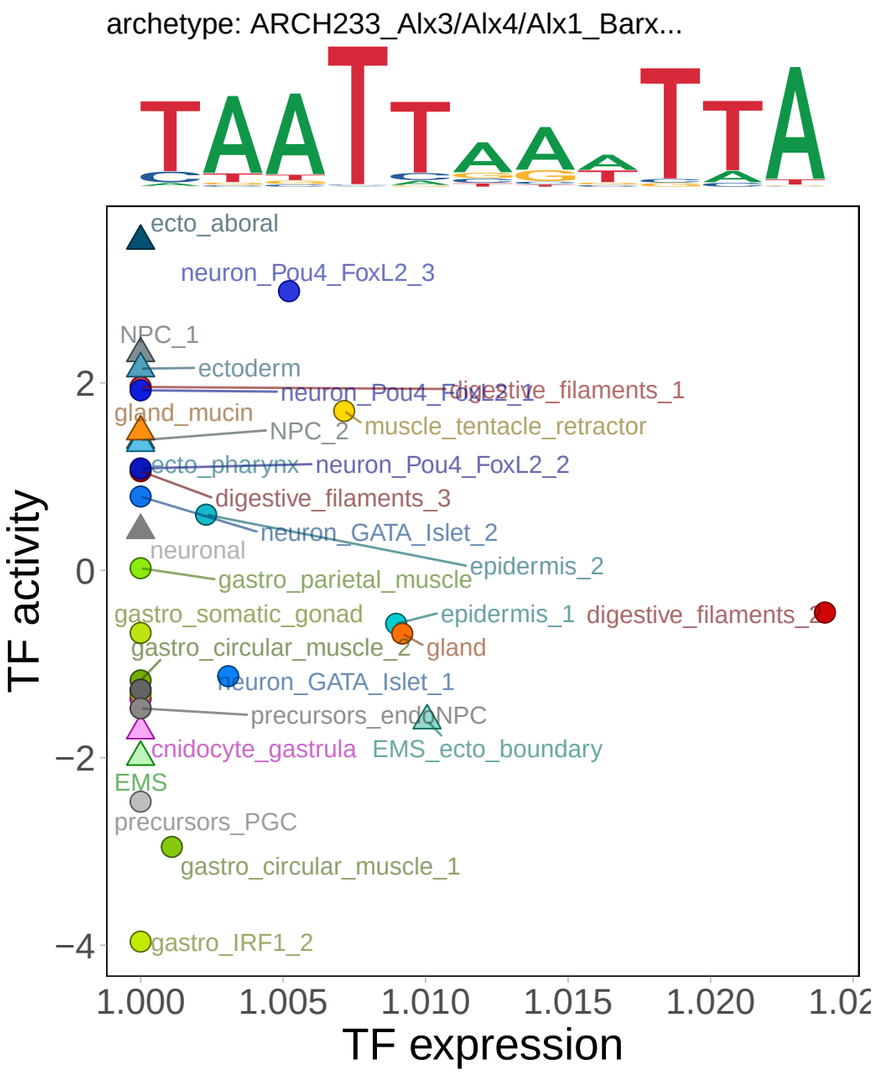
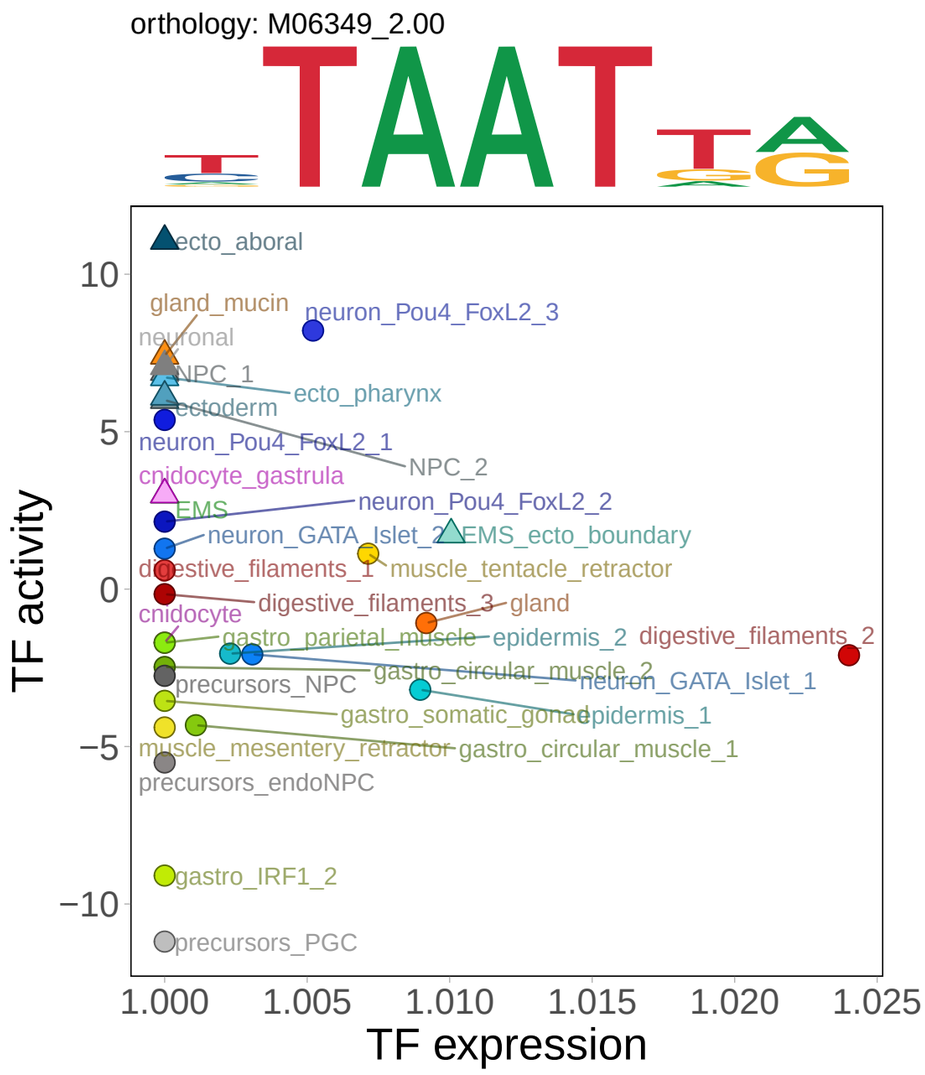


Nvec_vc1.1_XM_032371845.2
OG: zf−C2H2.HG1.212:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2



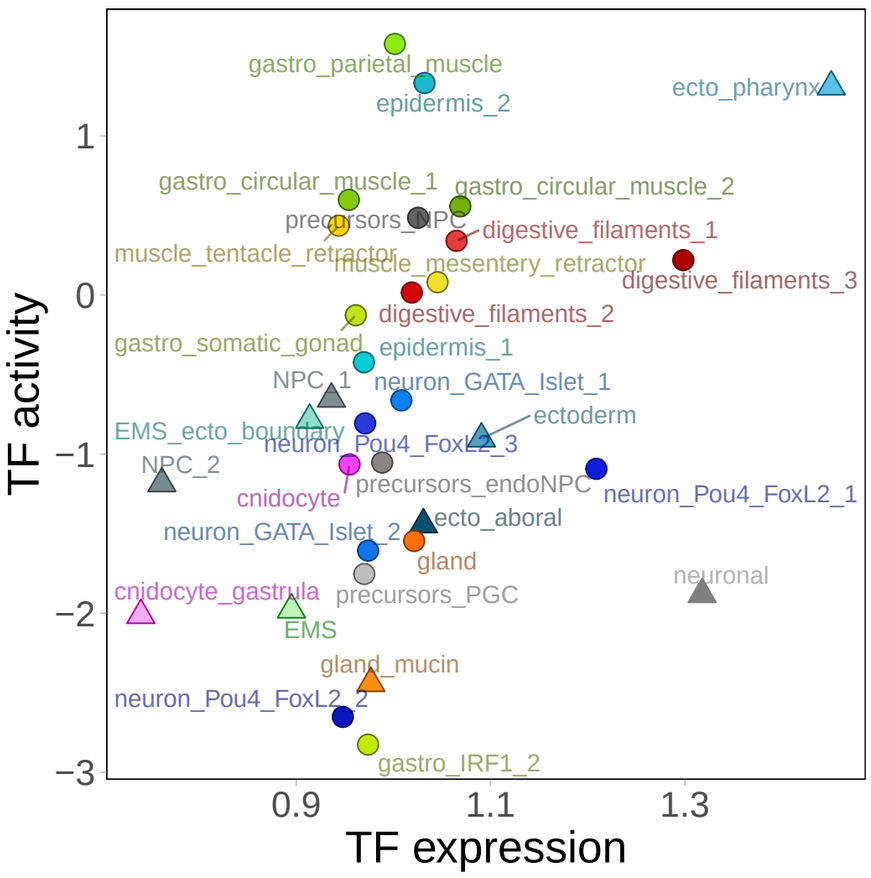
Nvec_vc1.1_XM_032371859.2
OG: Homeodomains.HG1.56:like:EN1/EN2
PFAM: Homeodomain



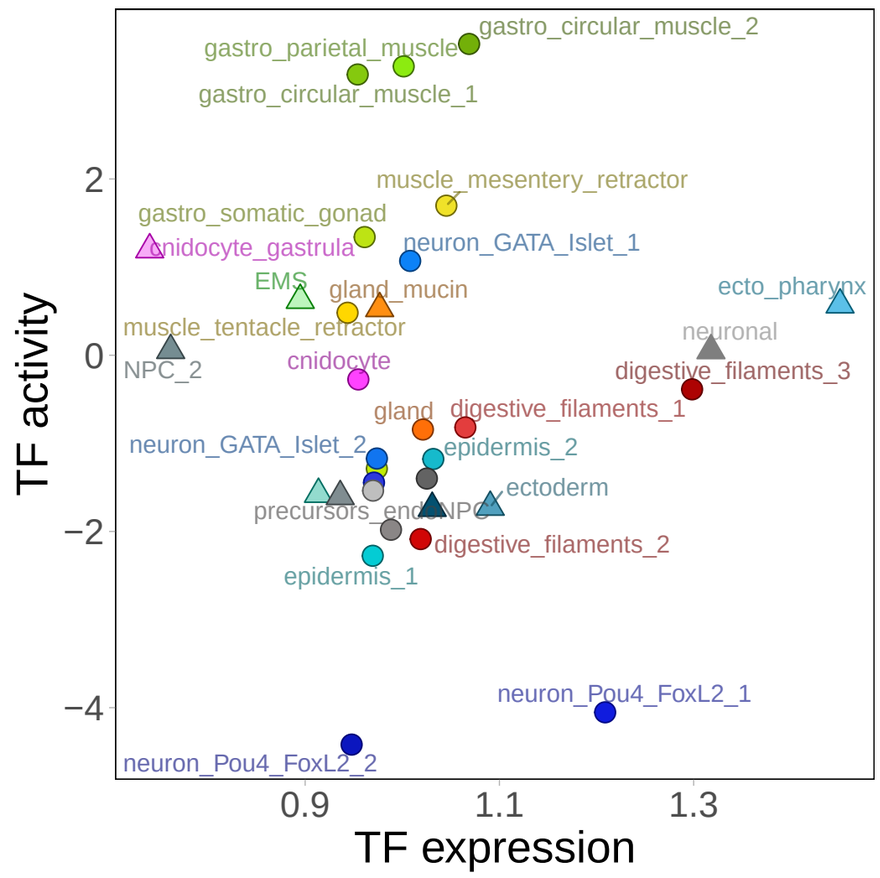


Nvec_vc1.1_XM_032371996.2
OG: HMGbox_Sox.HG1.53:LEF1/TCF7/TCF7L1/TCF7L2
PFAM: HMG_box

archetype: ARCH1158_/Lef1/Tcf7l1/Tcf7

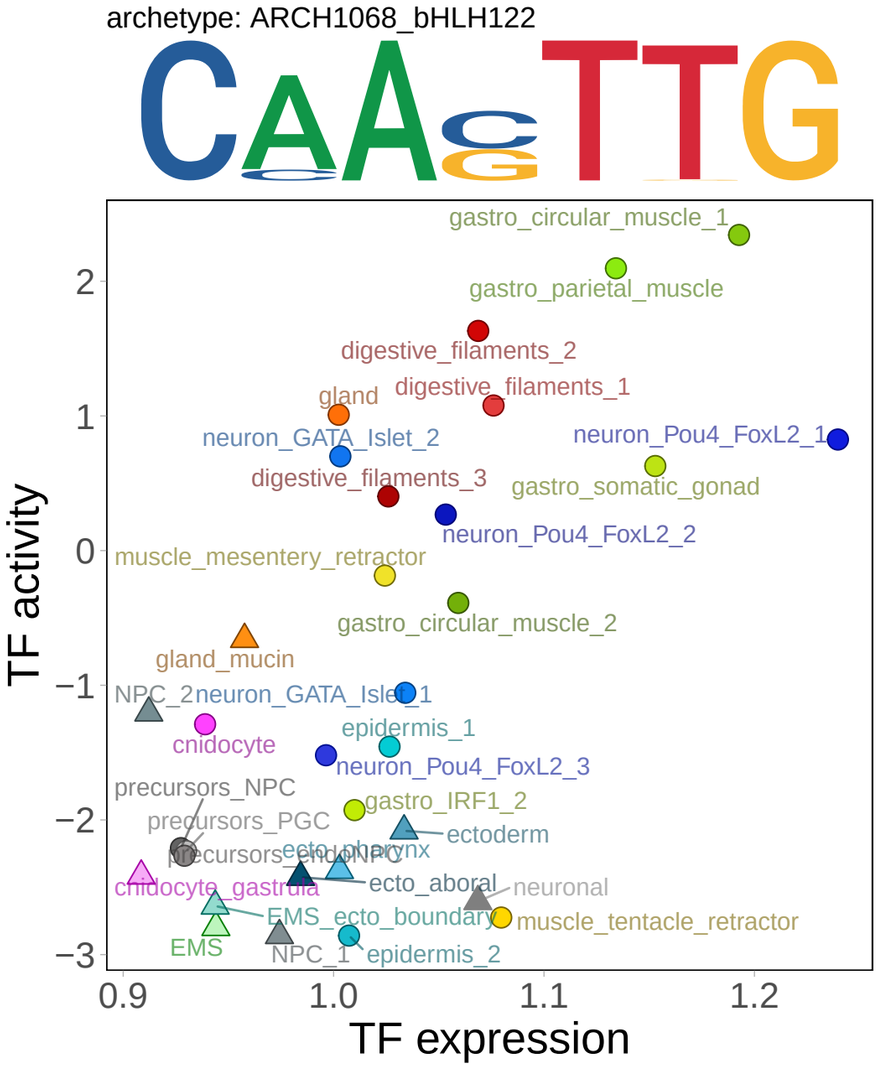


orthology: M03532_2.00

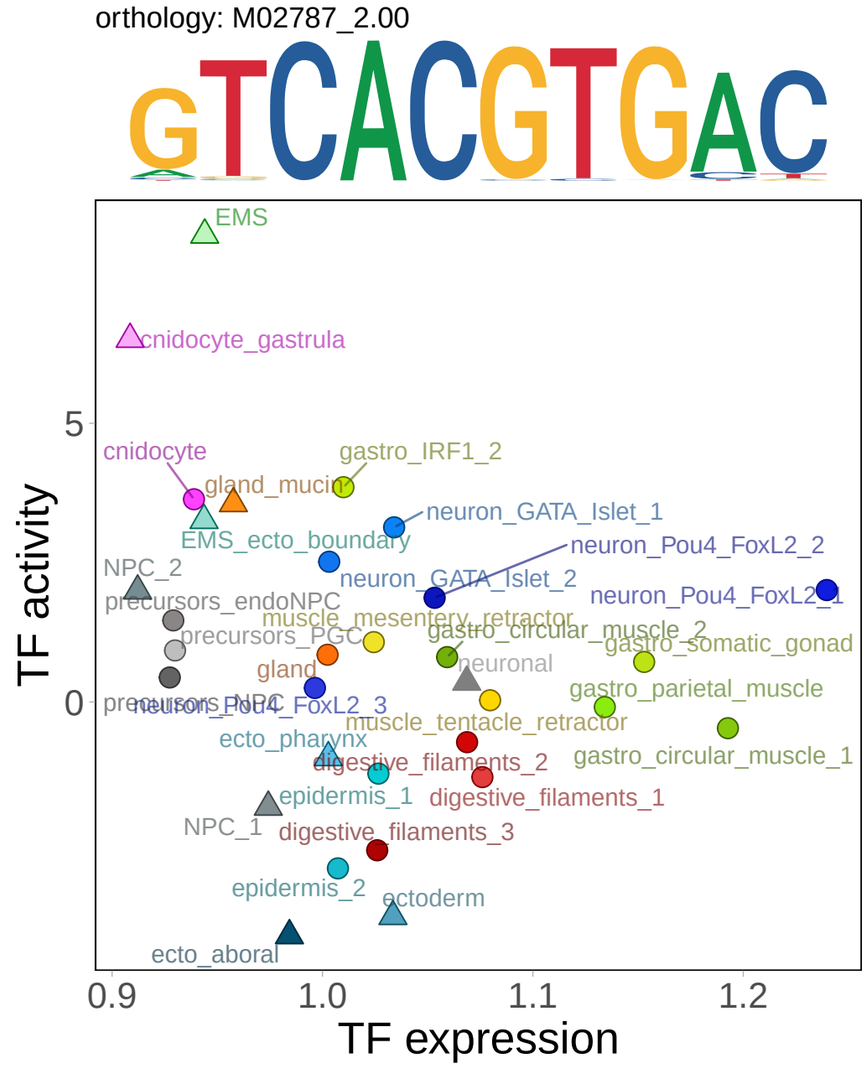


Nvec_vc1.1_XM_032372025.2
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCOA1/NPAS1/NPAS2/S
PFAM: HLH/PAS/PAS_11

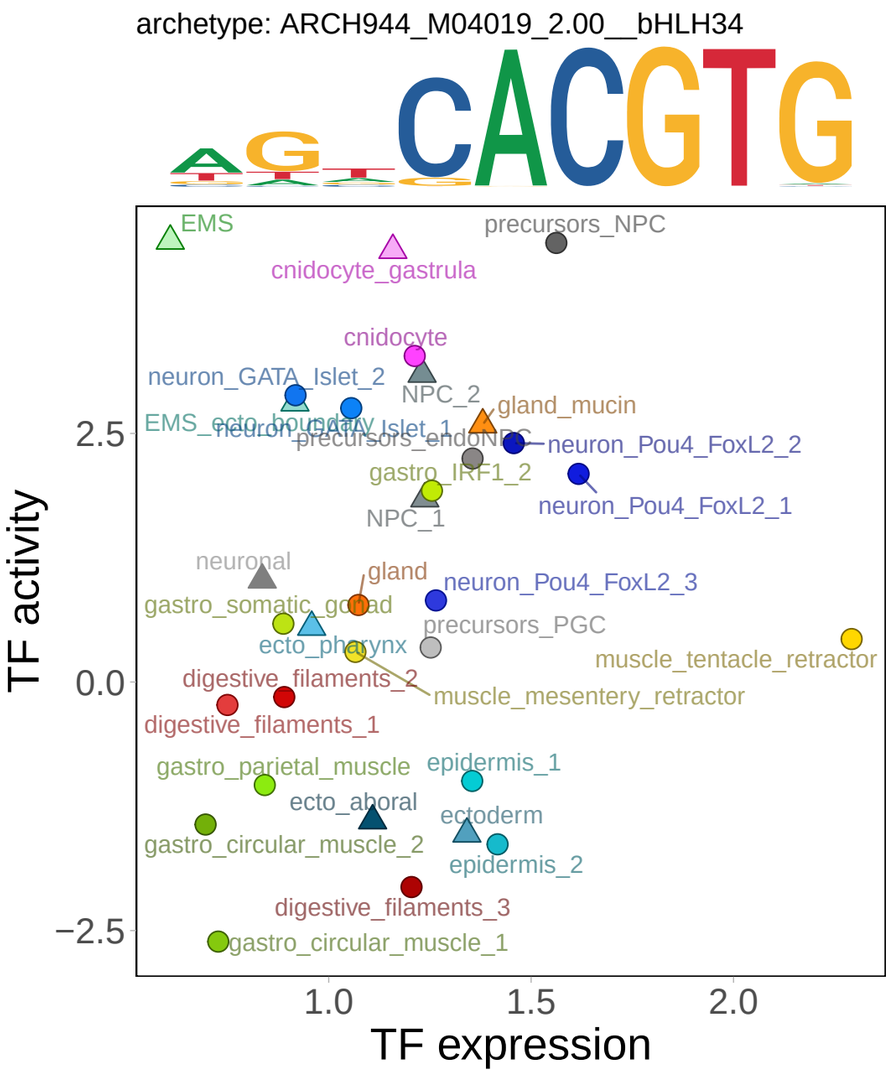
archetype: ARCH1068_bHLH122

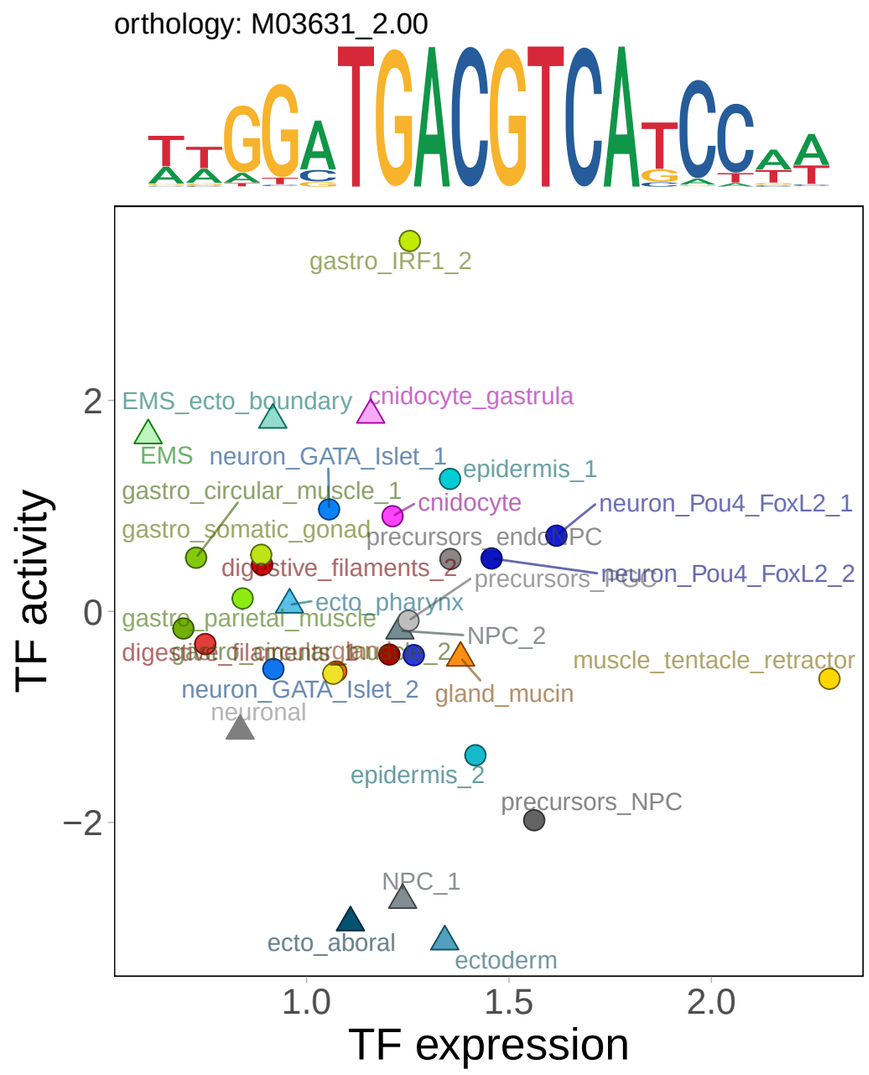


orthology: M02787_2.00

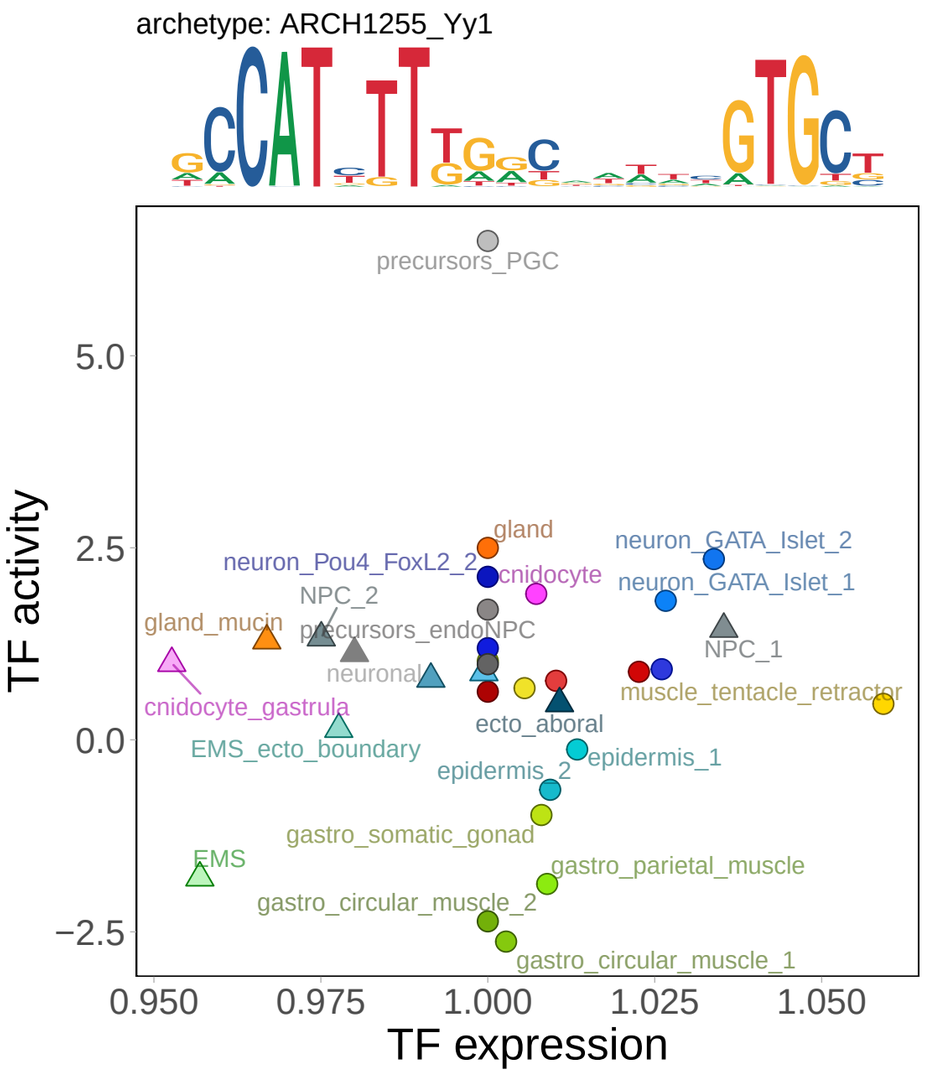


Nvec_vc1.1_XM_032372114.2
OG: bZIP.HG1.8:ATF4/ATF5
PFAM: bZIP_1

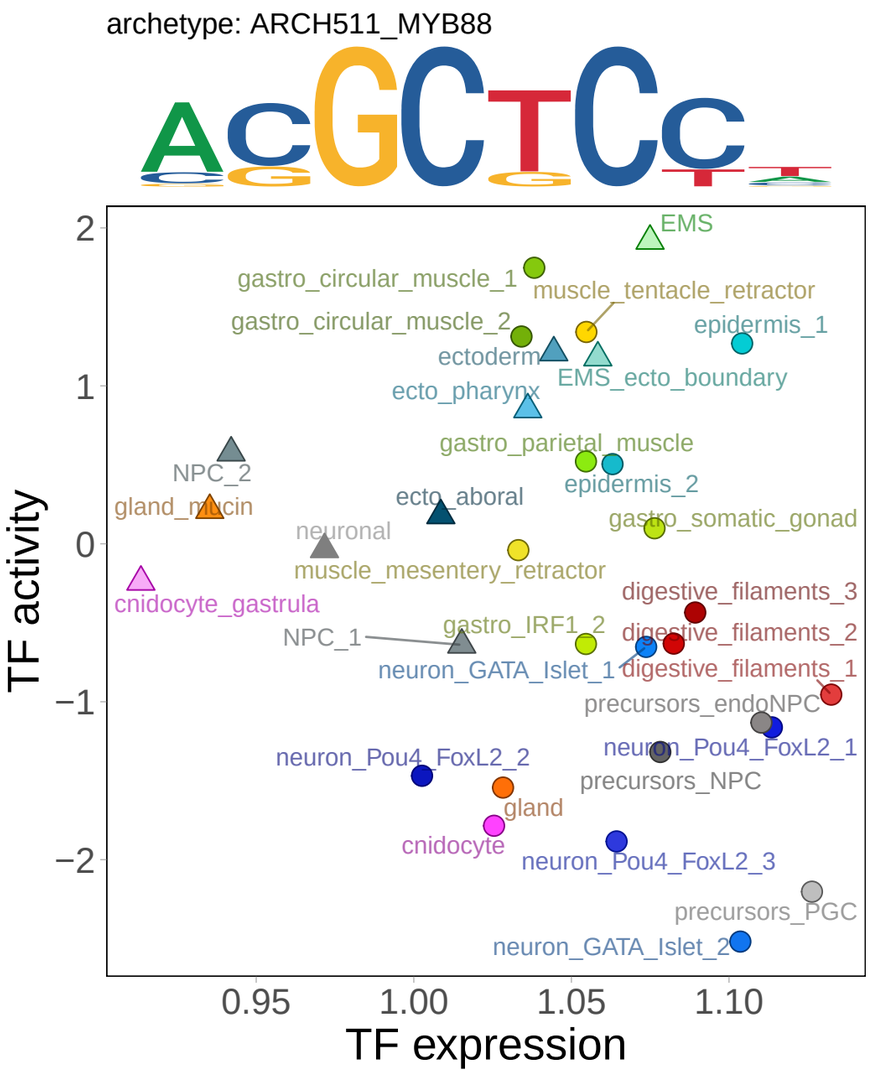


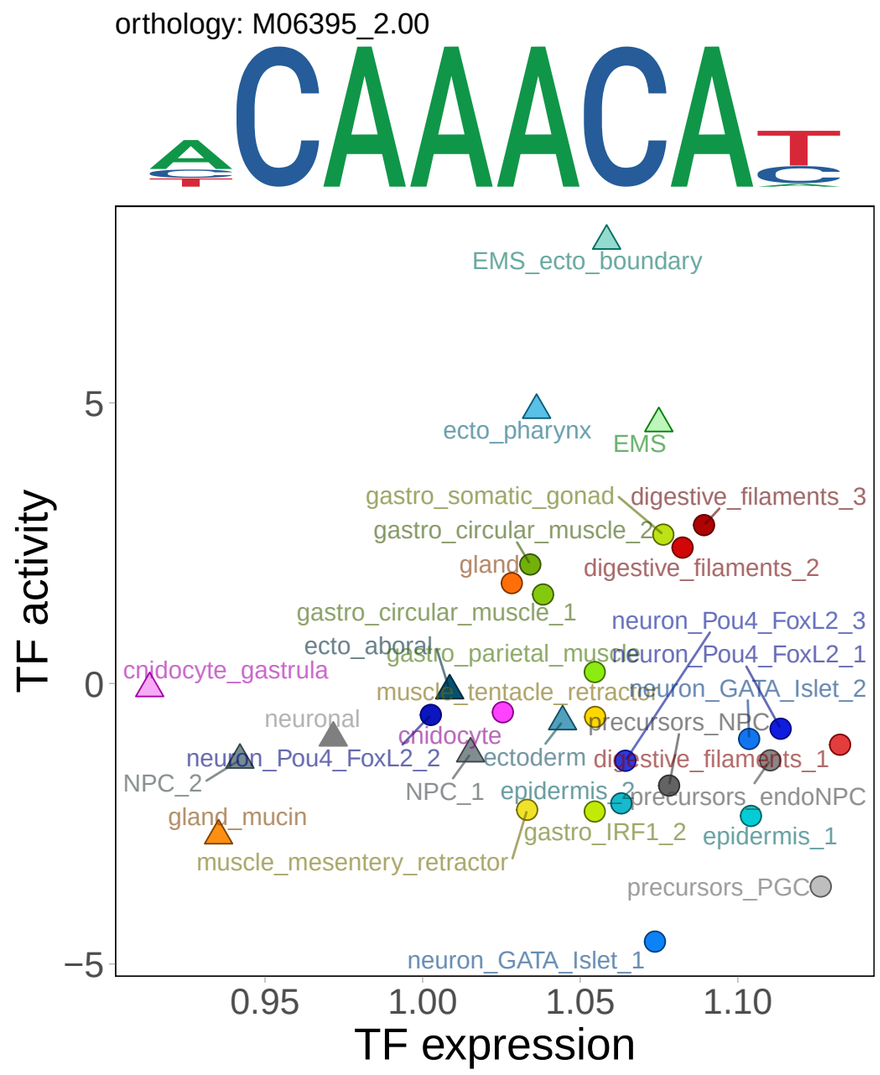


Nvec_vc1.1_XM_032372258.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2_11/zf−C2H



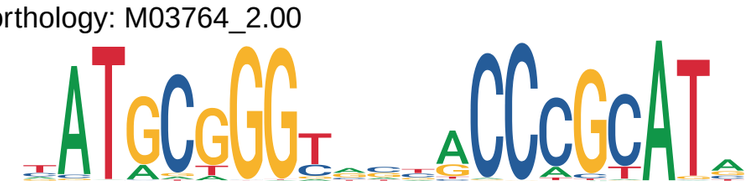
Nvec_vc1.1_XM_032372575.2
OG: Myb.HG2.2:NA
PFAM: MADF_DNA_bdg

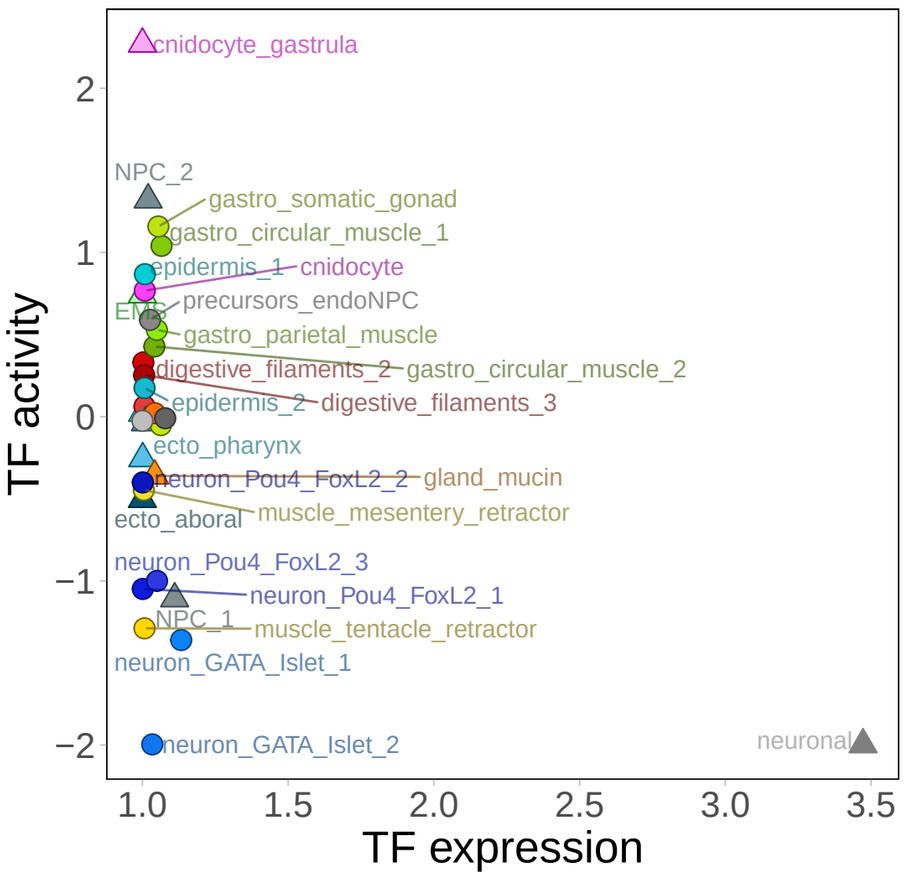




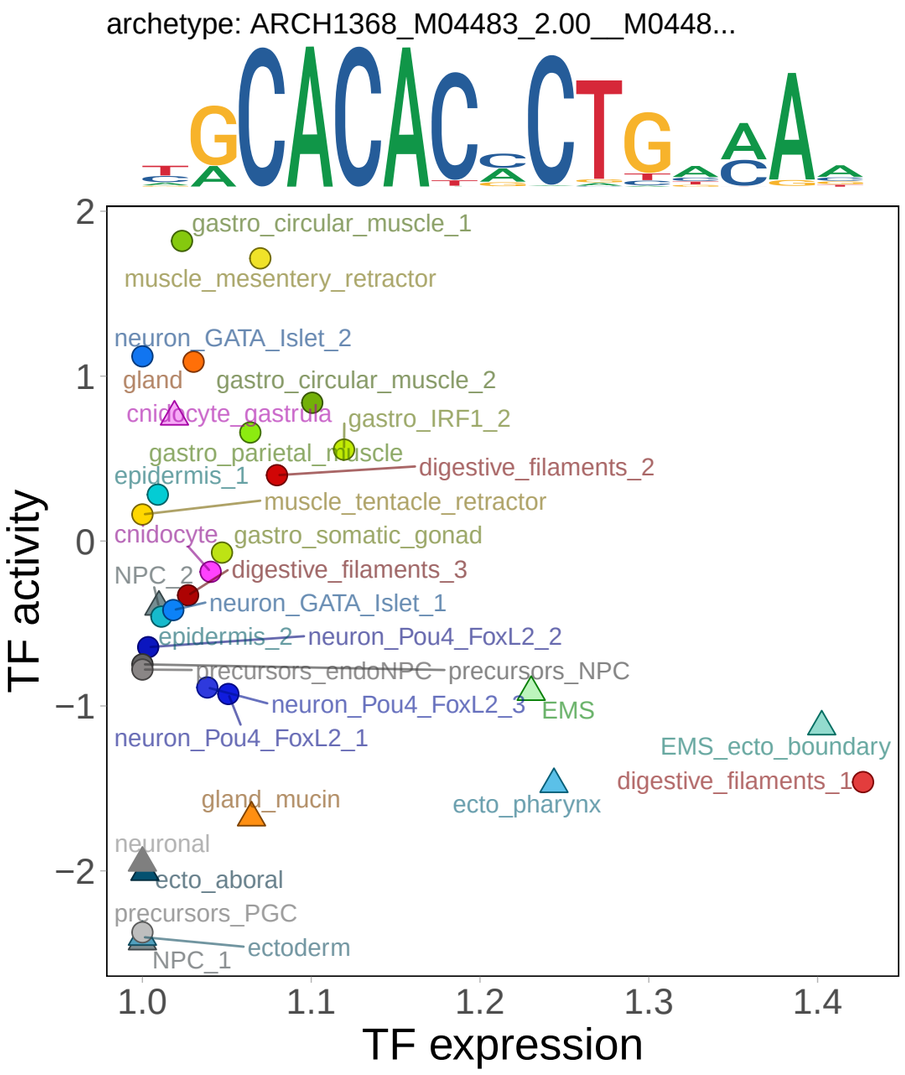
Nvec_vc1.1_XM_032372717.2
OG: GCM.HG1.0:GCM1/GCM2
PFAM: GCM

orthology: M03764_2.00

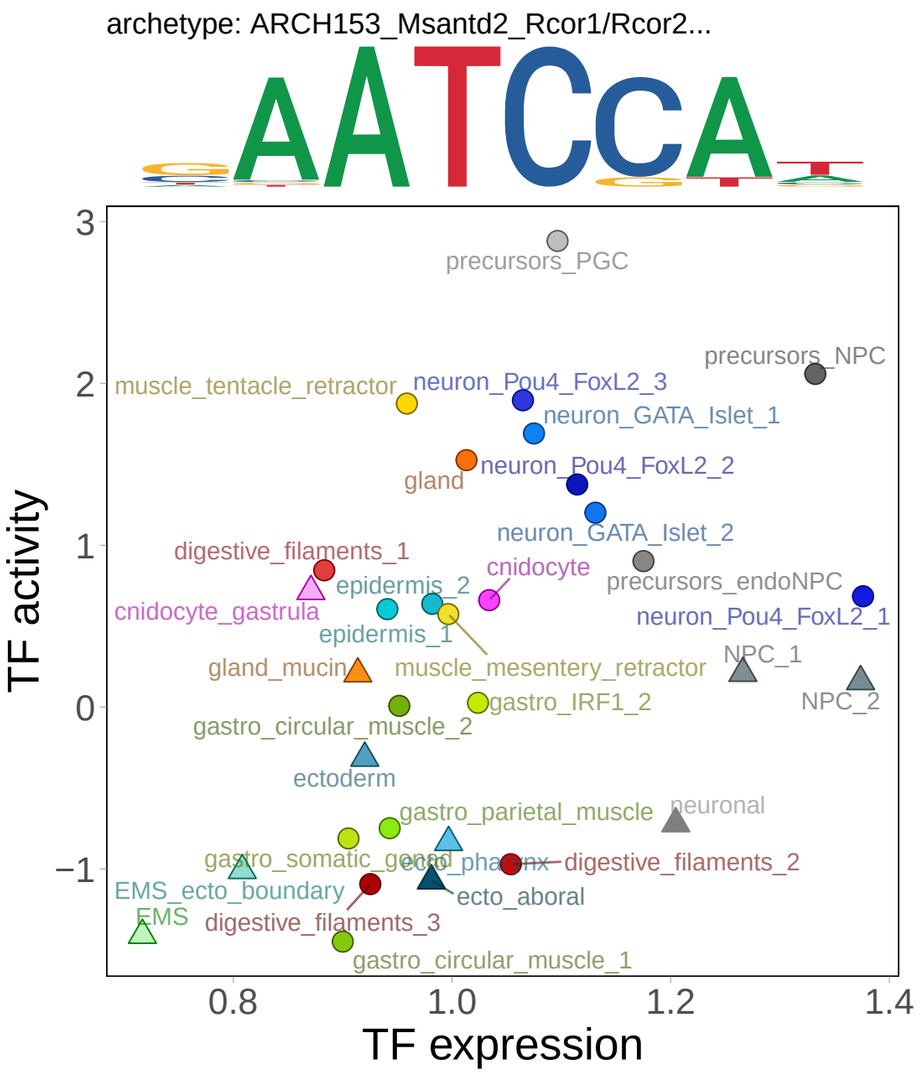




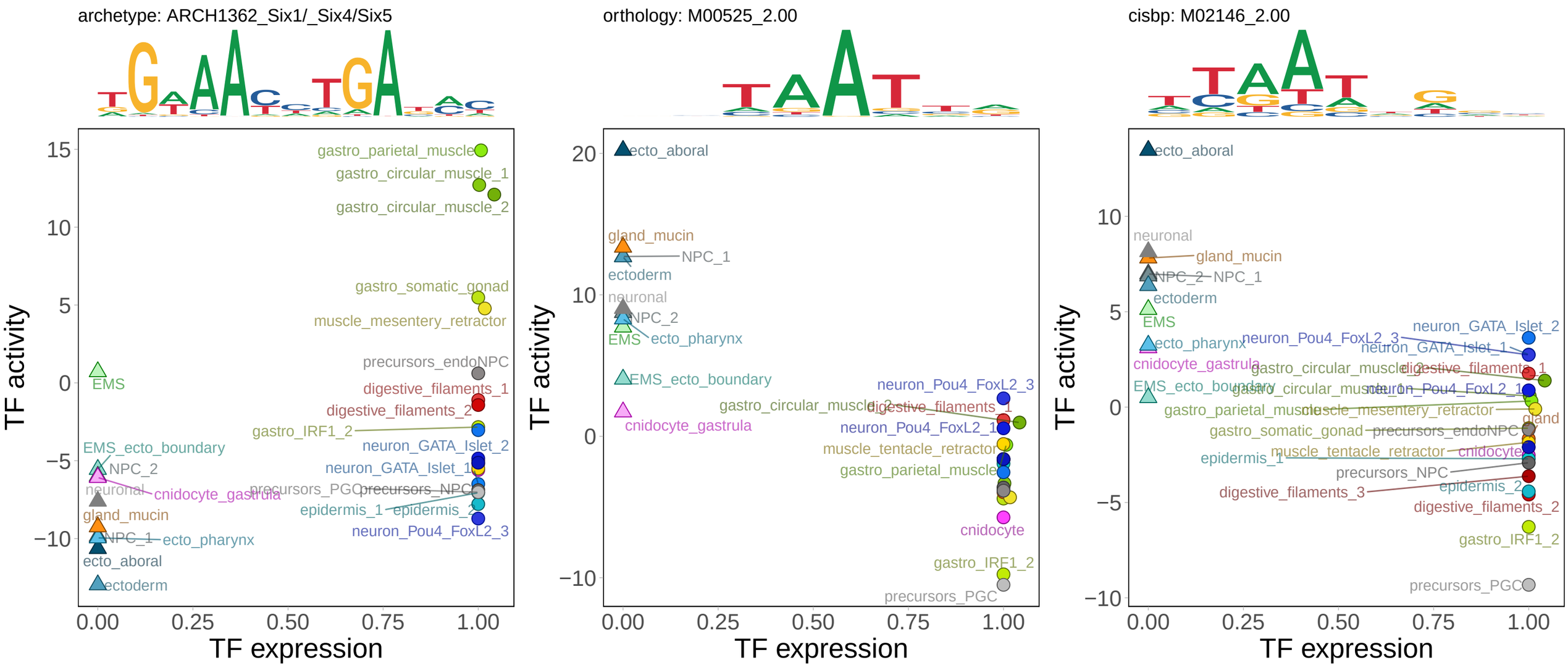
Nvec_vc1.1_XM_032372867.2
OG: zf−C2H2.HG1.49:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



Nvec_vc1.1_XM_032372883.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCOR3
PFAM: ELM2/Myb_DNA−binding

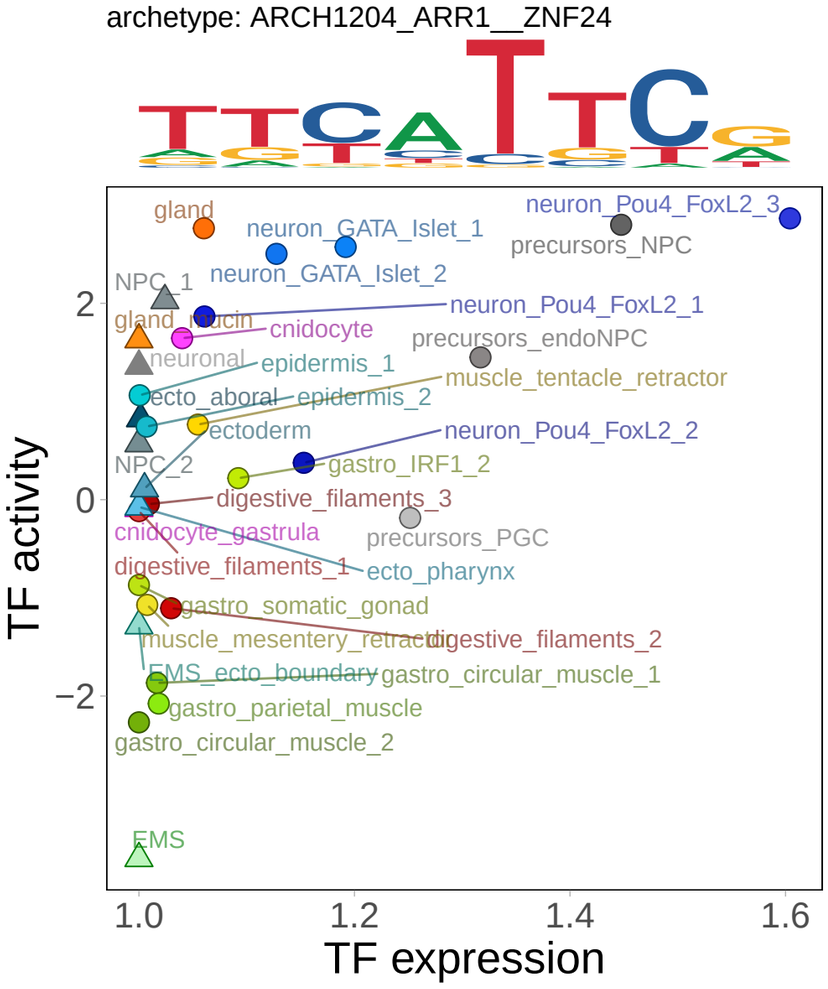


Nvec_vc1.1_XM_032372904.2
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/CDX2/CDX4/DLX1/DL
PFAM: Homeodomain

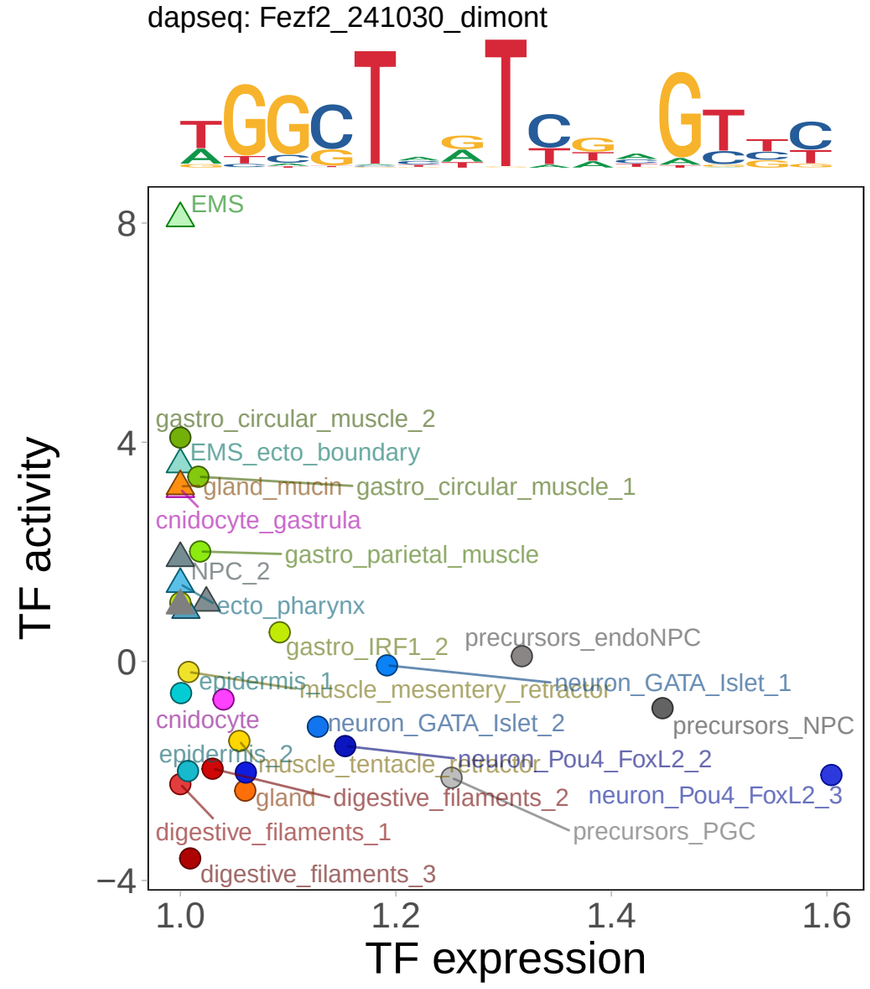


Nvec_vc1.1_XM_032373020.2
OG: zf−C2H2.HG23.0:ZNF34
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2

archetype: ARCH1204_ARR1__ZNF24



dapseq: Fezf2_241030_dimont



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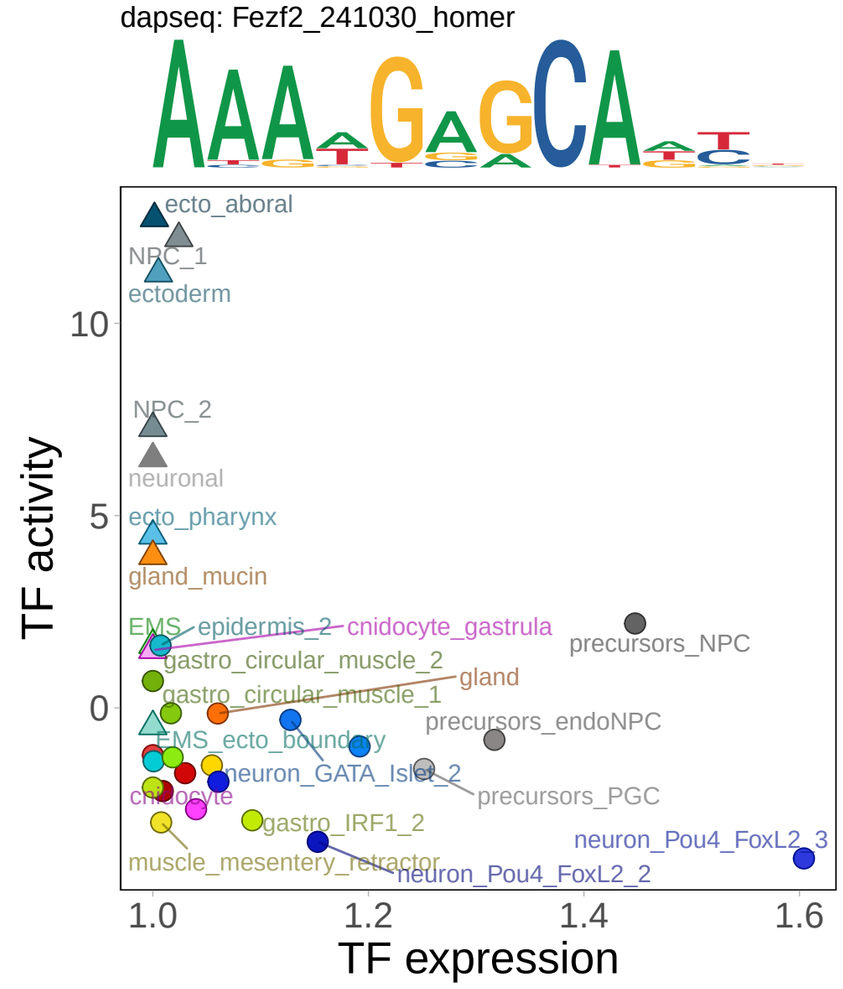
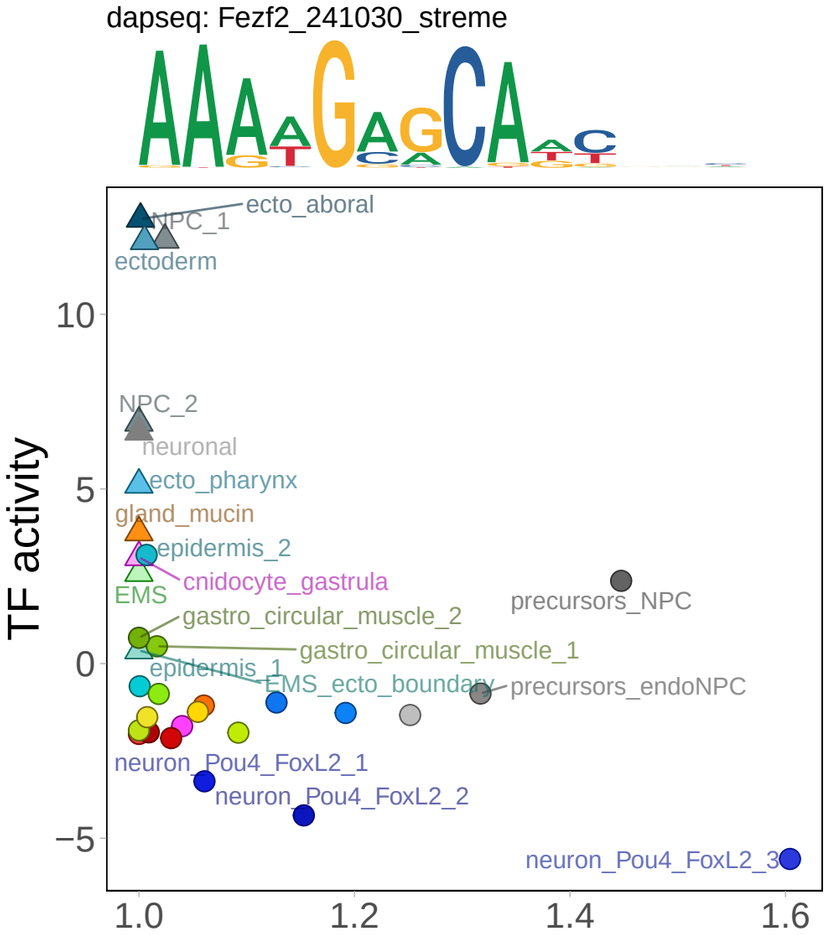


dapseq: Fezf2_241030_streme



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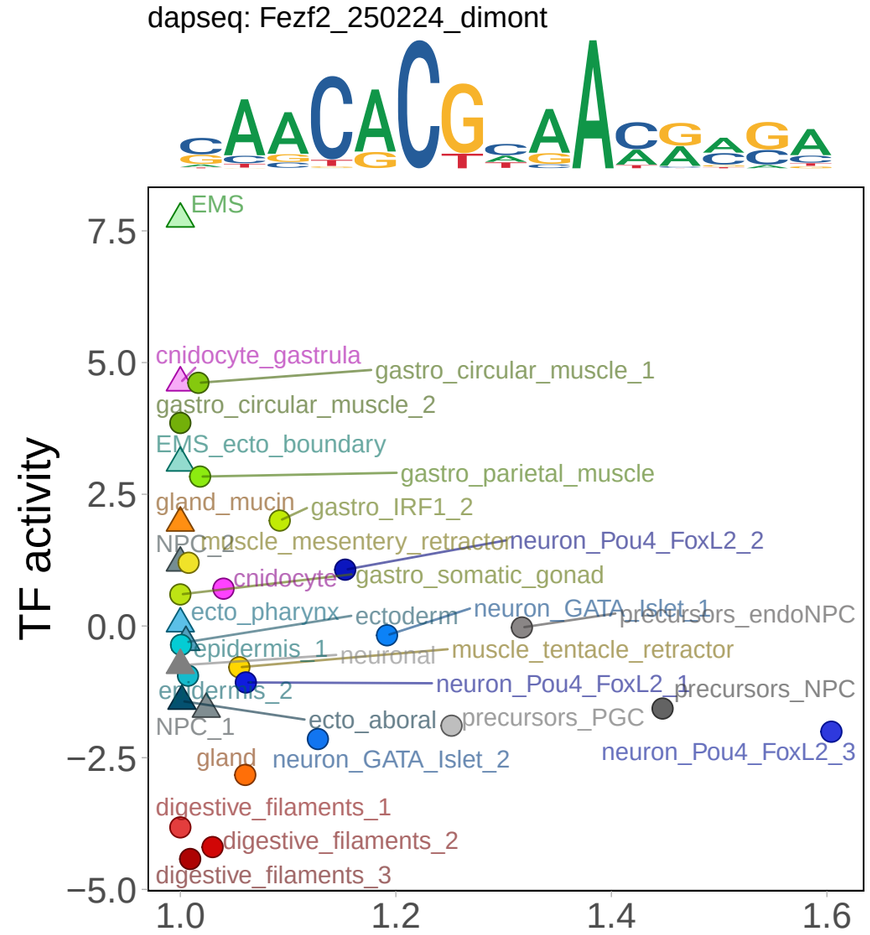
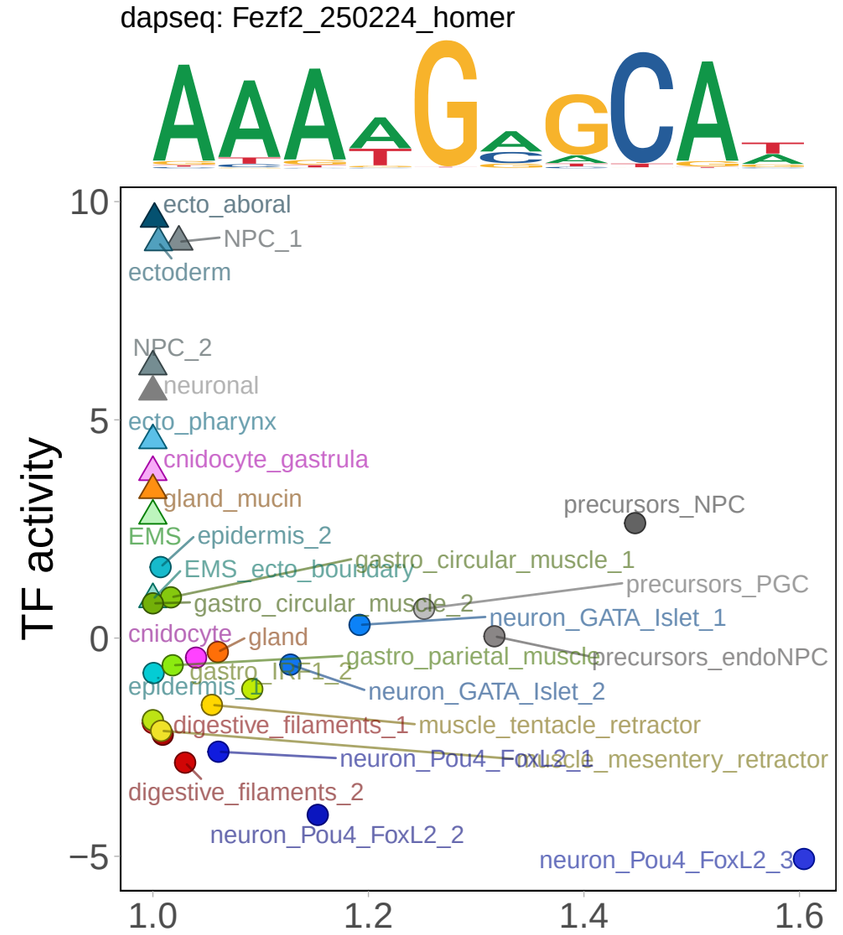


dapseq: Fezf2_250224_homer



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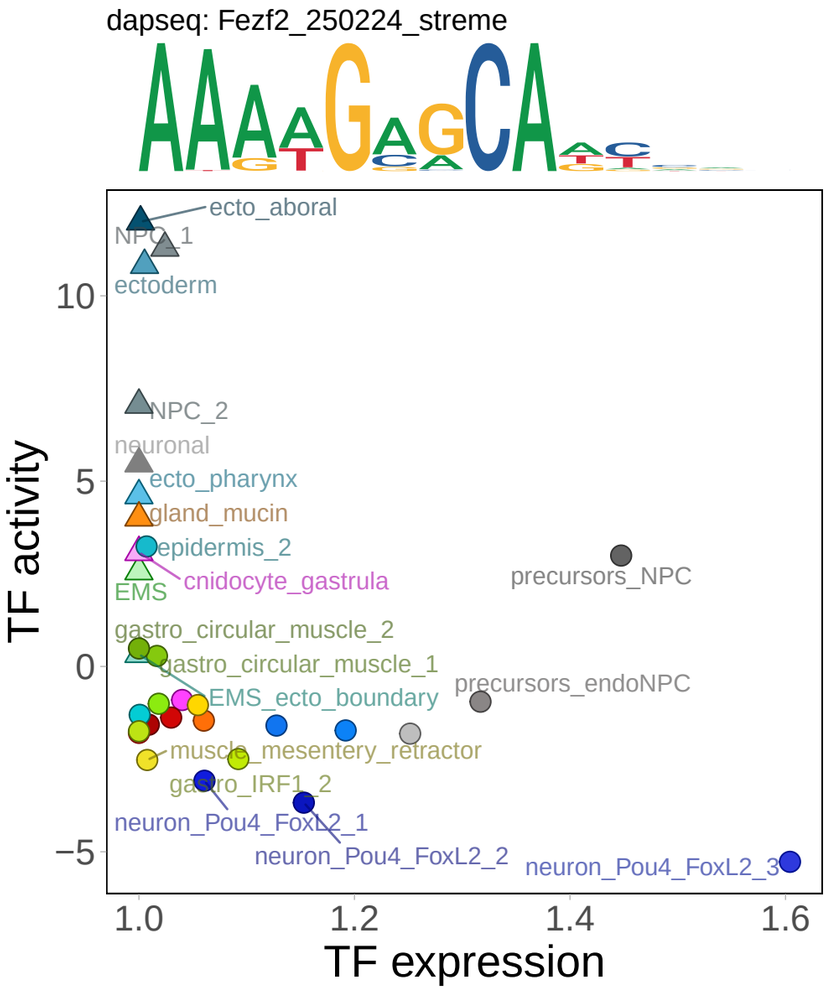
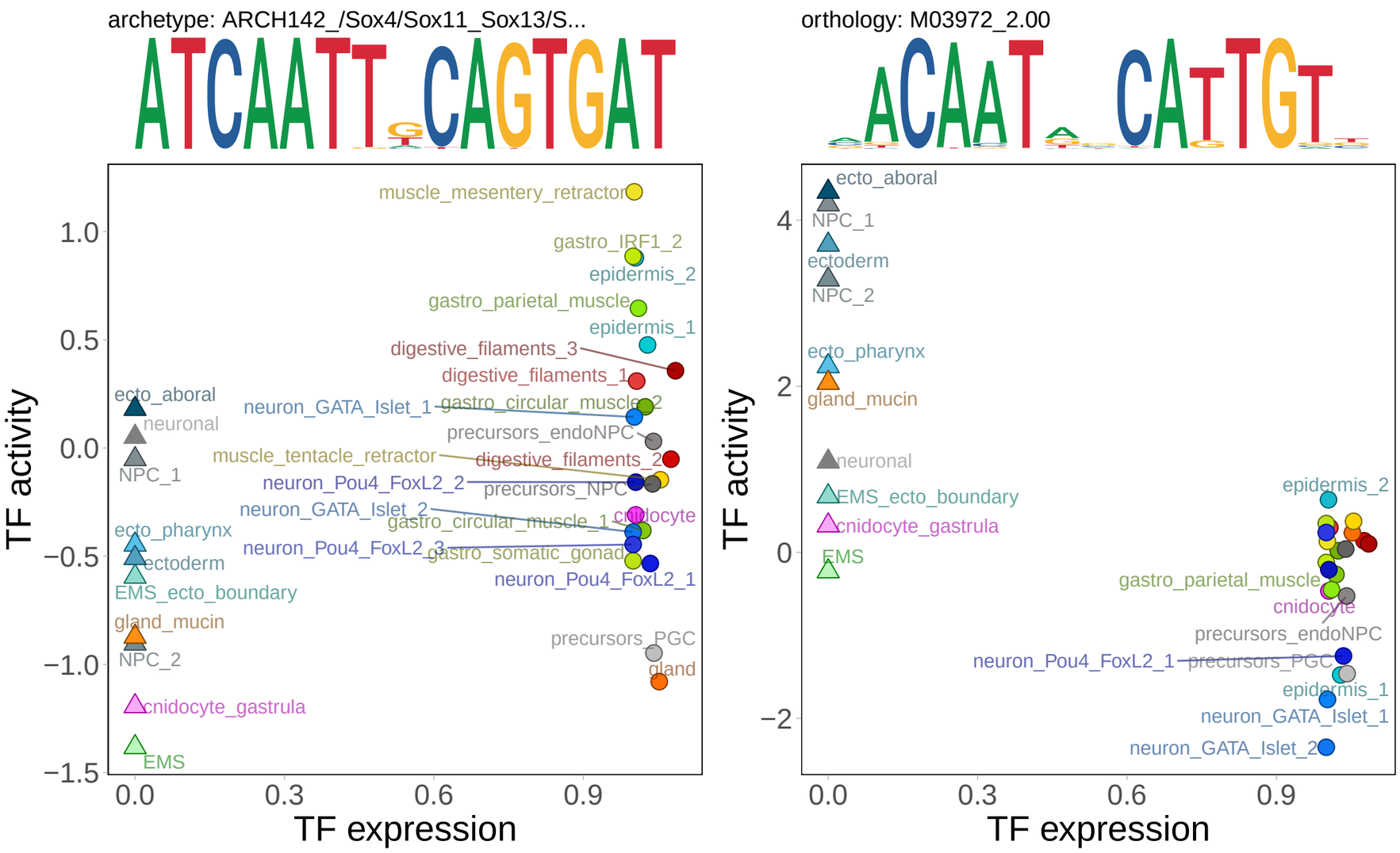
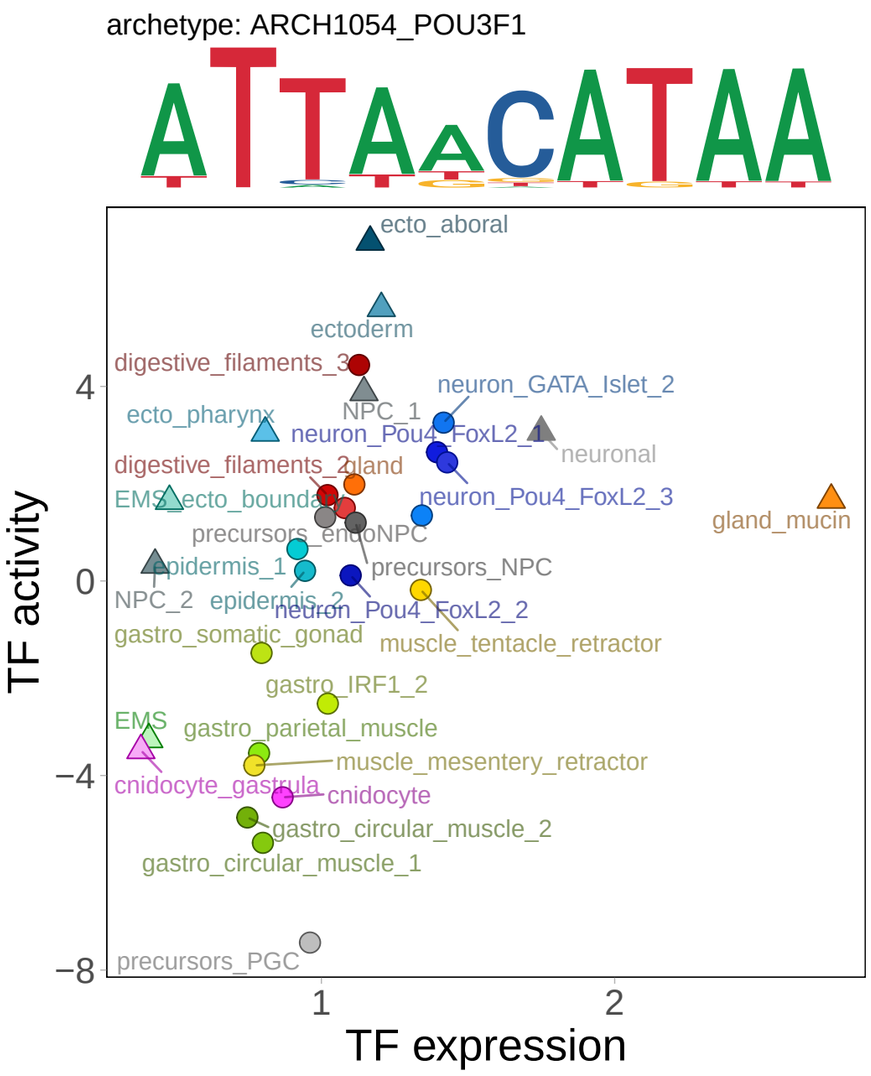
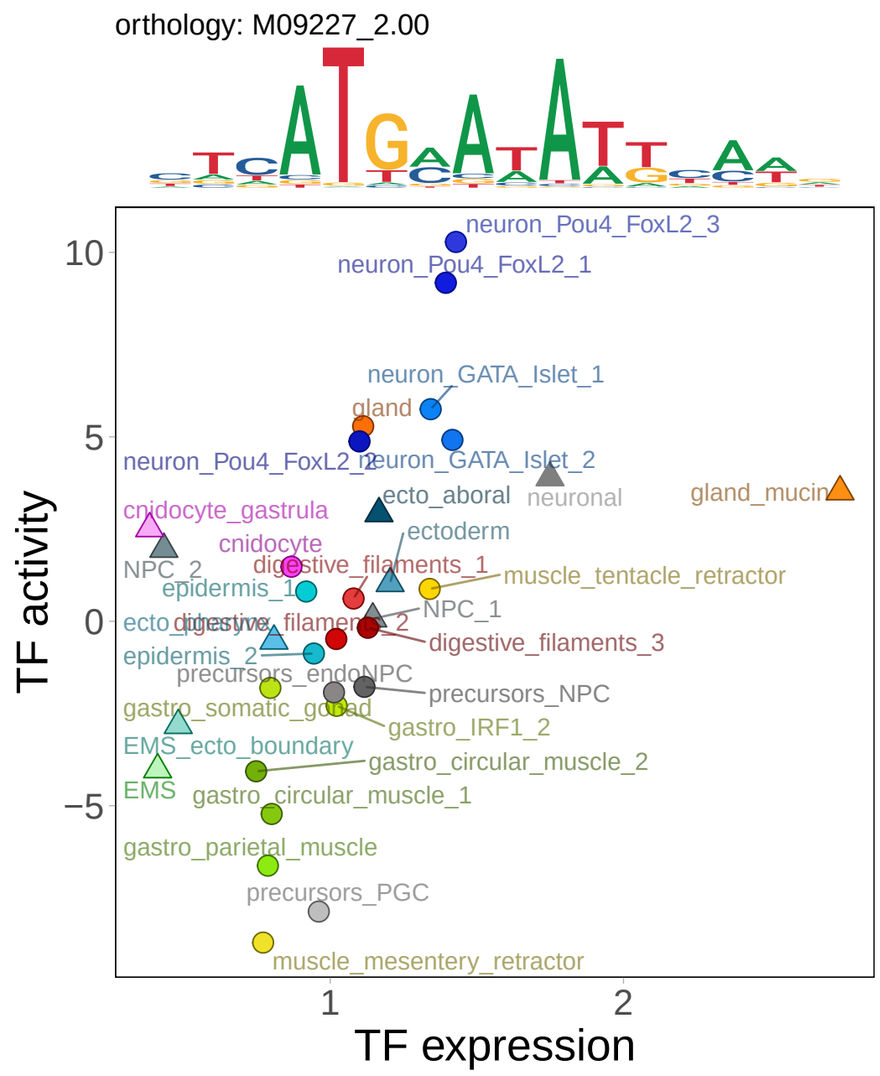


Nvec_vc1.1_XM_032373062.2
OG: HMGbox_Sox.HG1.14:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY
PFAM: HMG_box

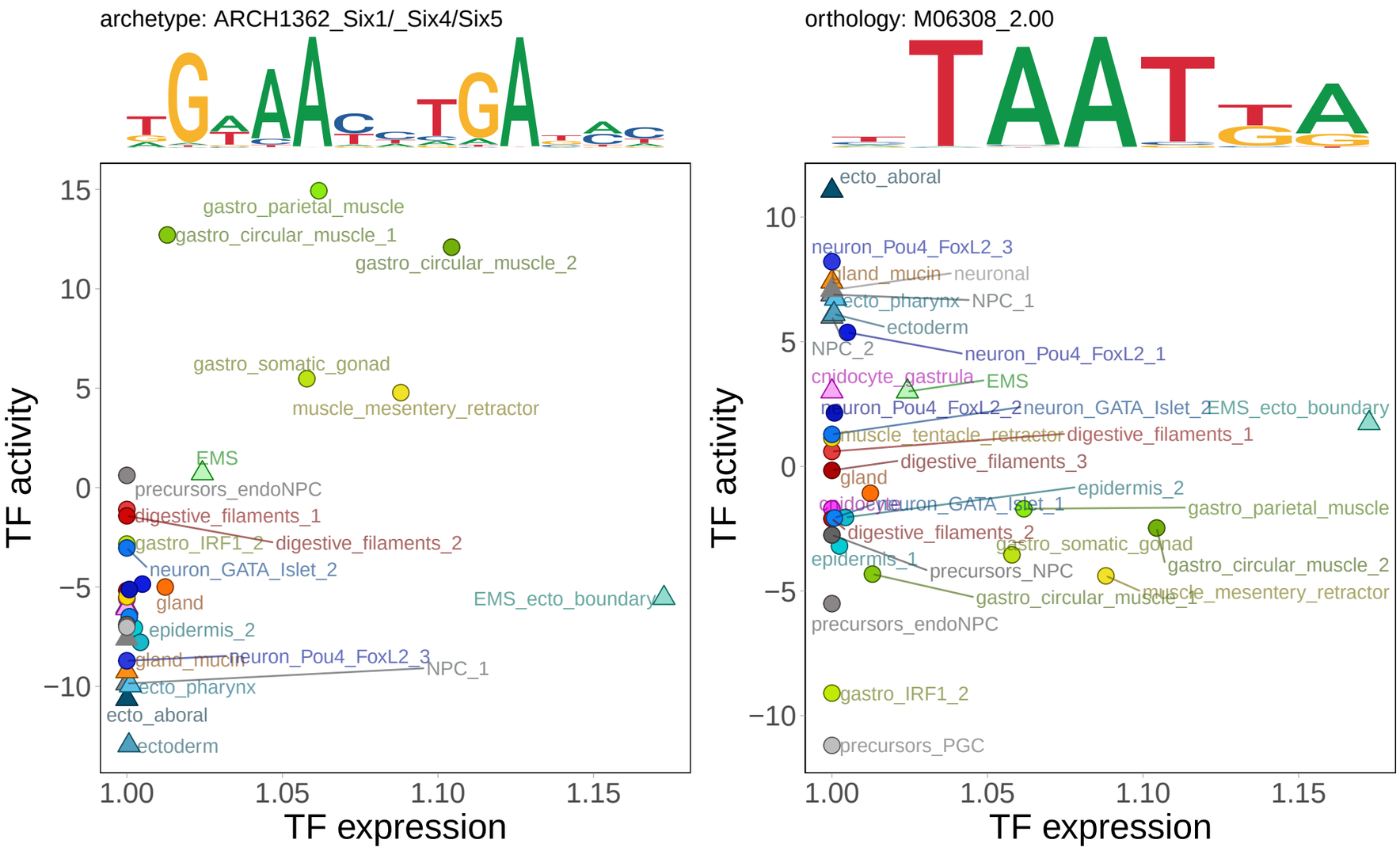


Nvec_vc1.1_XM_032373099.2
OG: Homeodomains.HG4.10:POU3F1/POU3F2/POU3F3/POU3F4
PFAM: Pou/Homeodomain

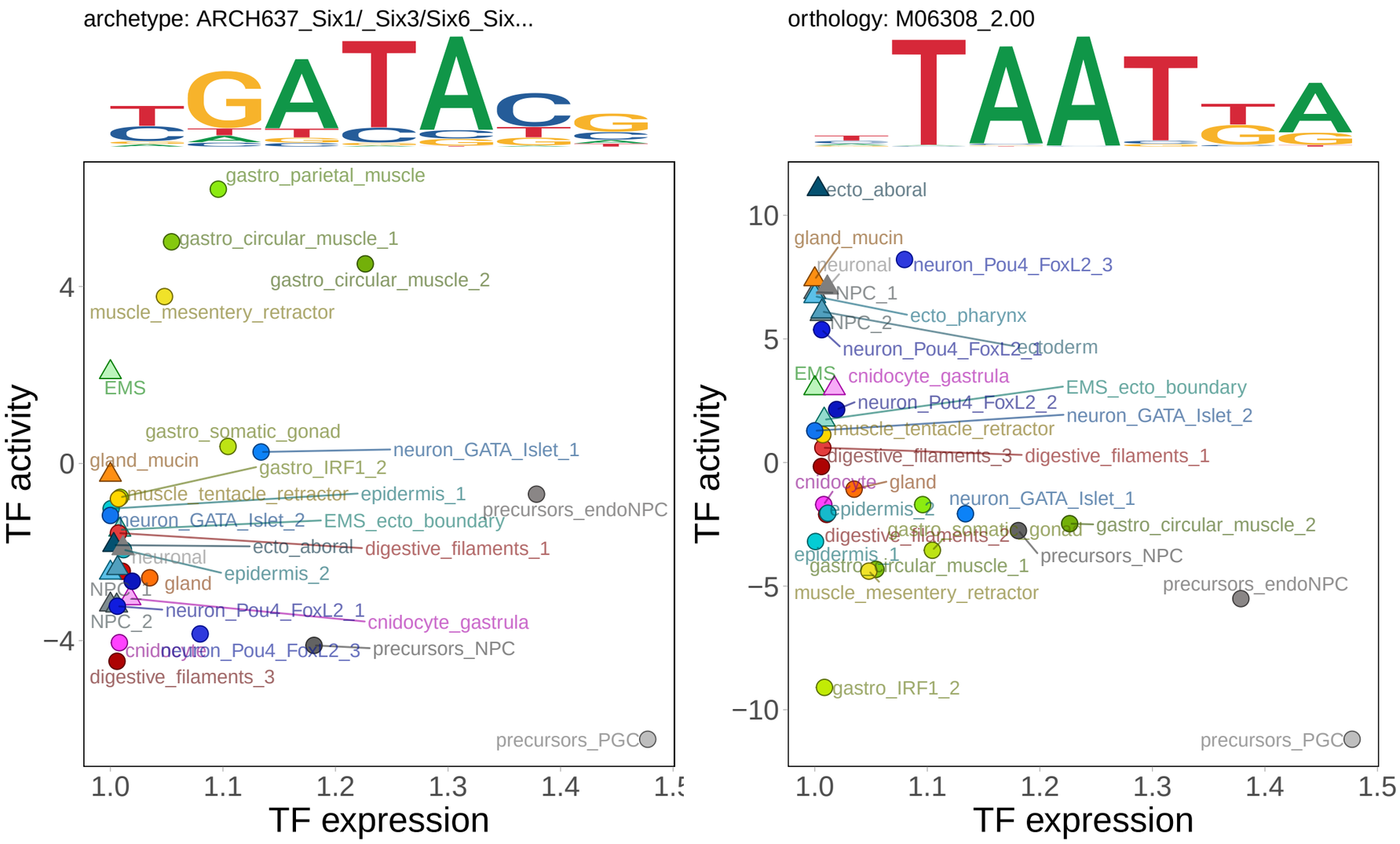




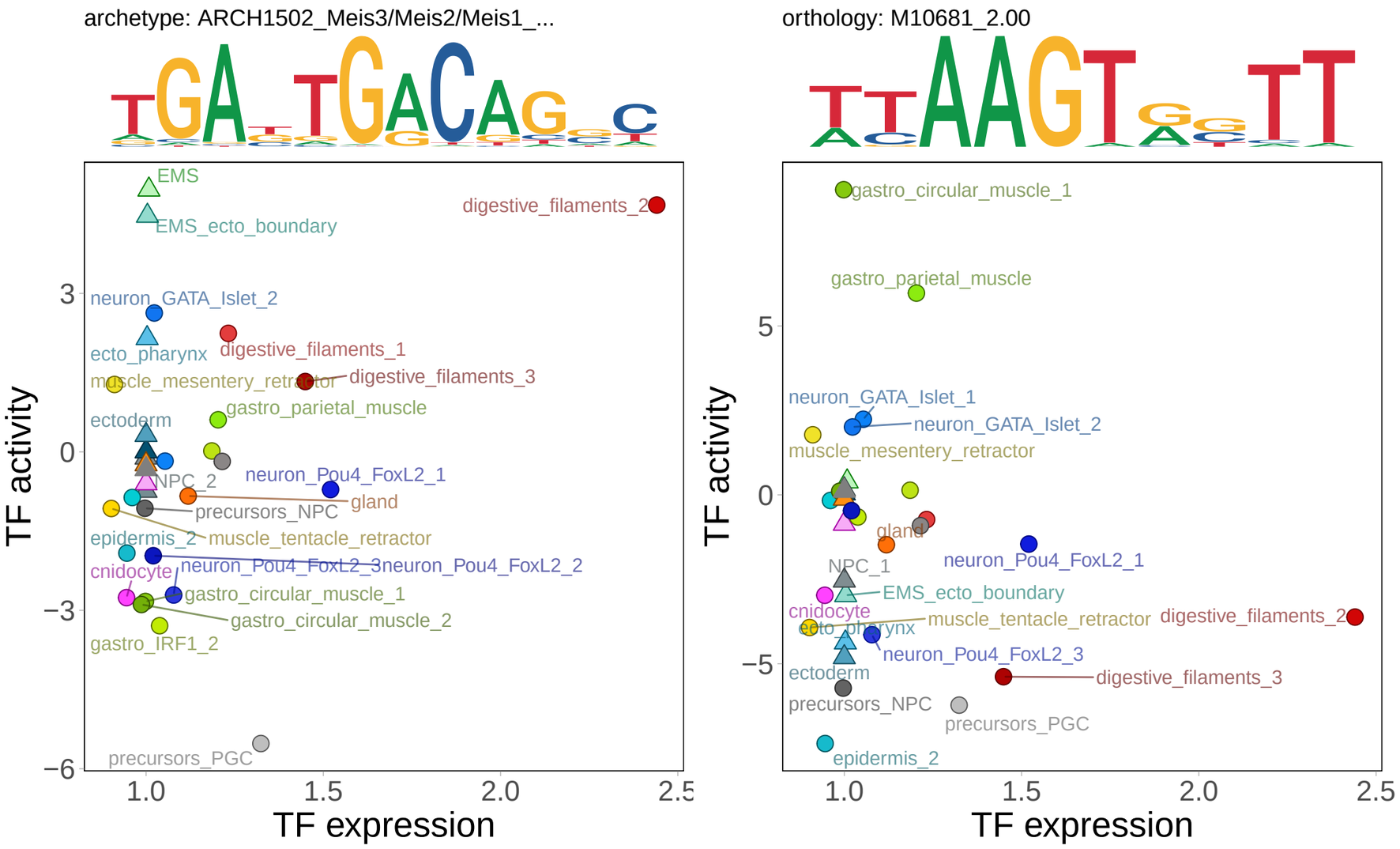
Nvec_vc1.1_XM_032373496.2
OG: Homeodomains.HG1.64:MEOX1/MEOX2
PFAM: Homeodomain



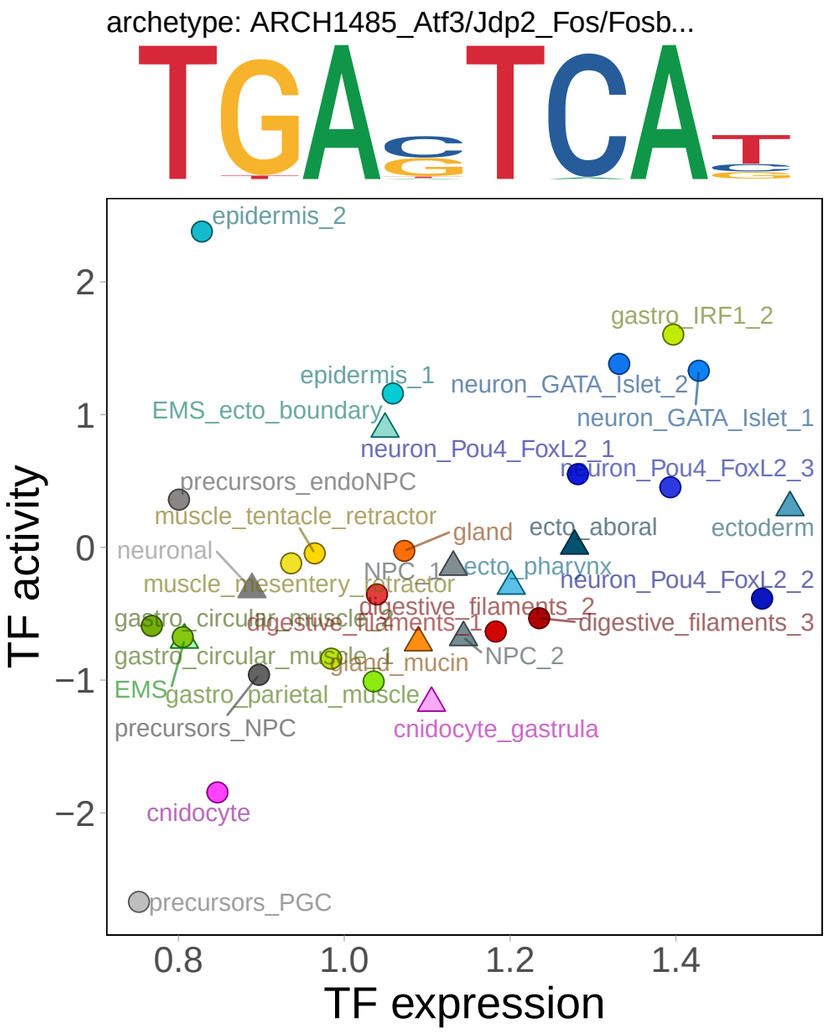
Nvec_vc1.1_XM_032373497.2
OG: Homeodomains.HG1.63:like:MEOX1/MEOX2
PFAM: Homeodomain

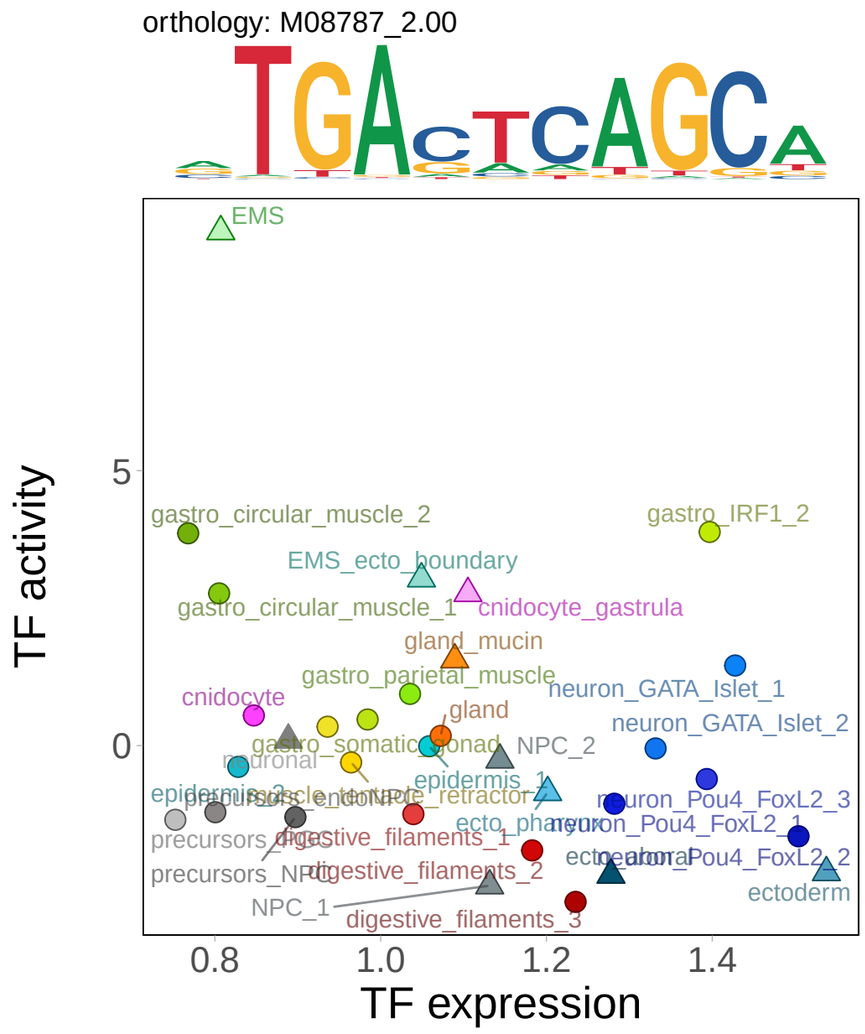


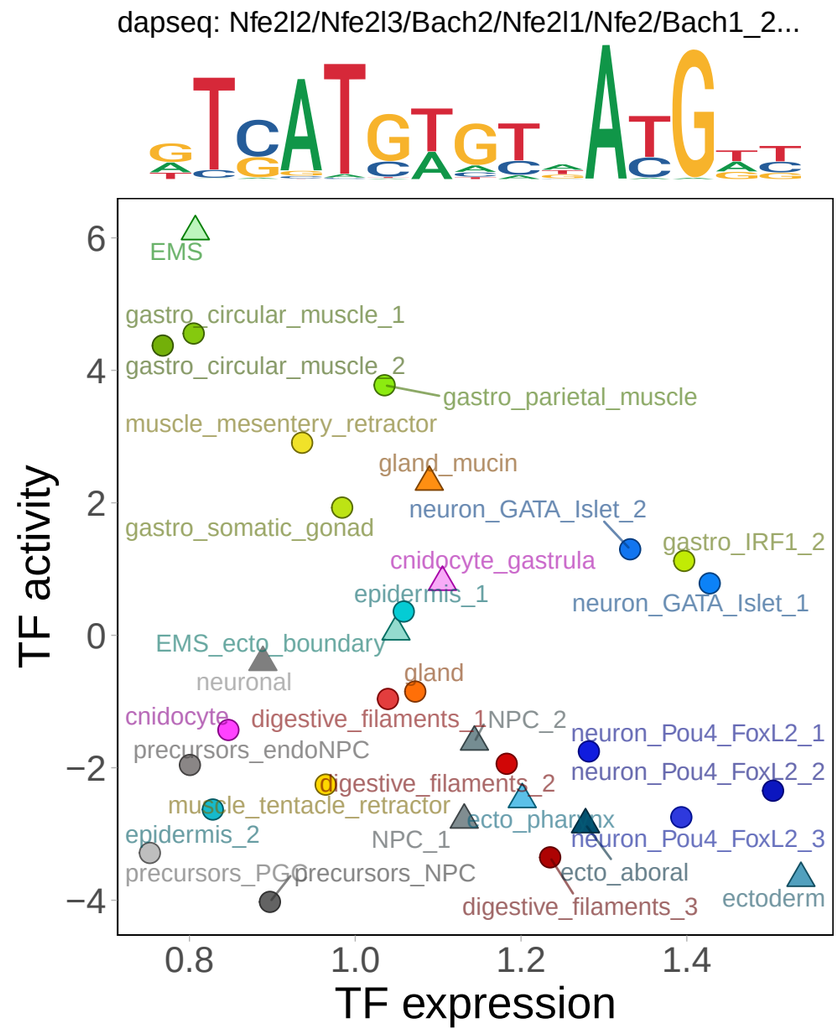
Nvec_vc1.1_XM_032373617.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/NKX2−8/NKX3−1/NKX
PFAM: Homeodomain

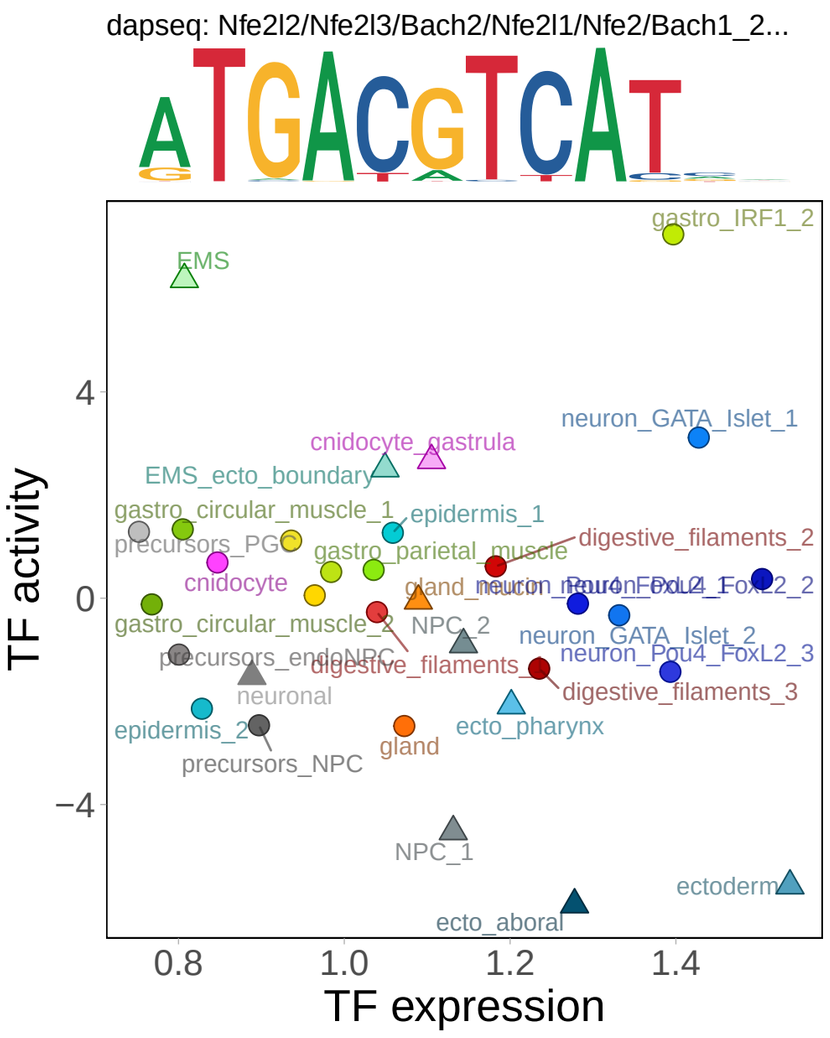


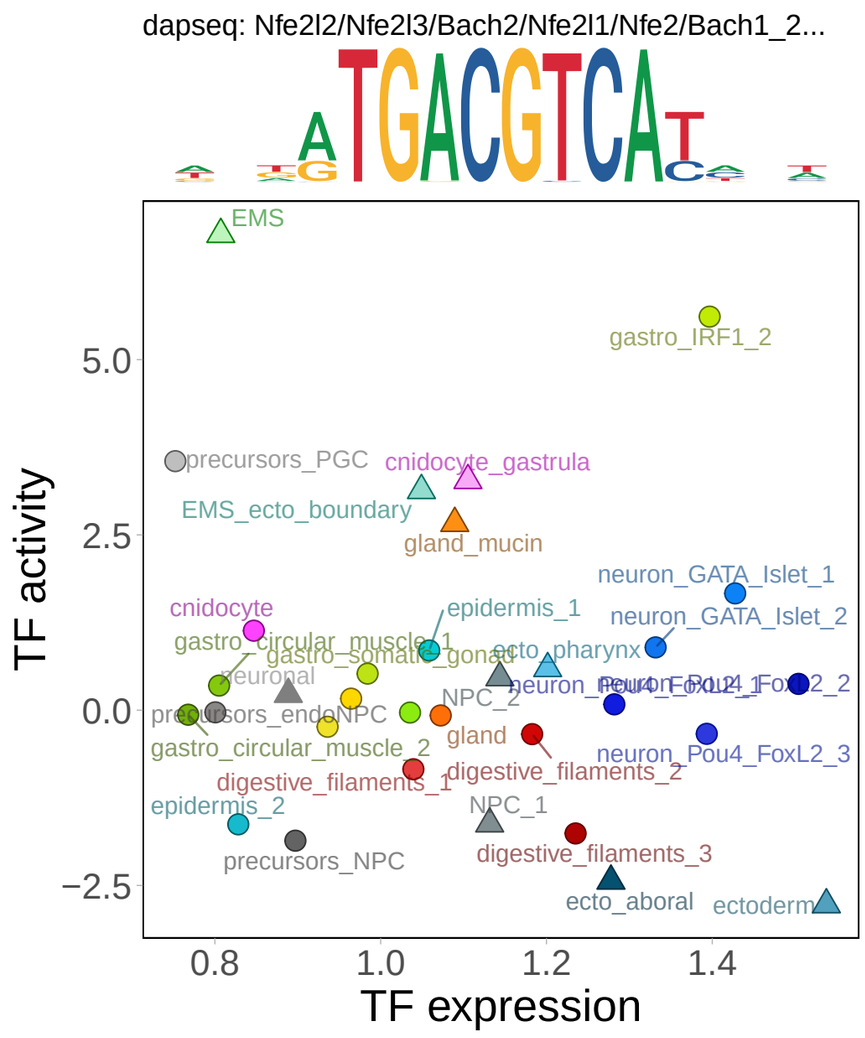
Nvec_vc1.1_XM_032373624.2
OG: bZIP.HG1.2:BACH1/BACH2/NFE2/NFE2L1/NFE2L2/NFE2L3
PFAM: bZIP_Maf



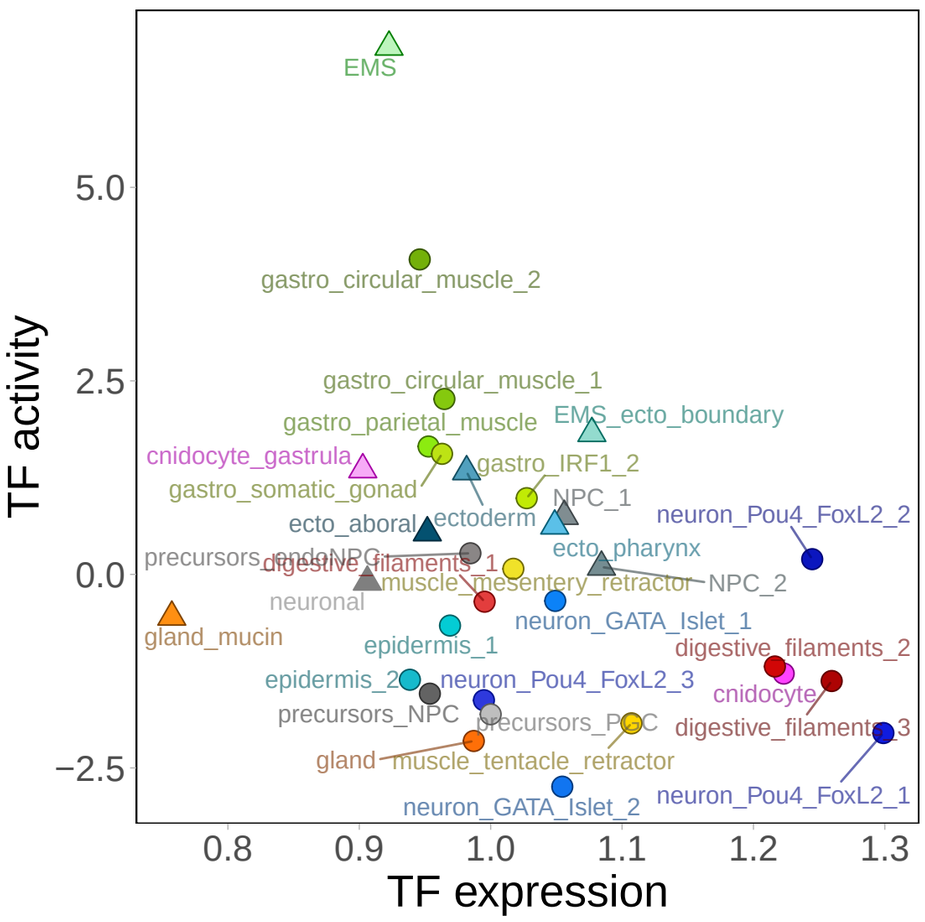




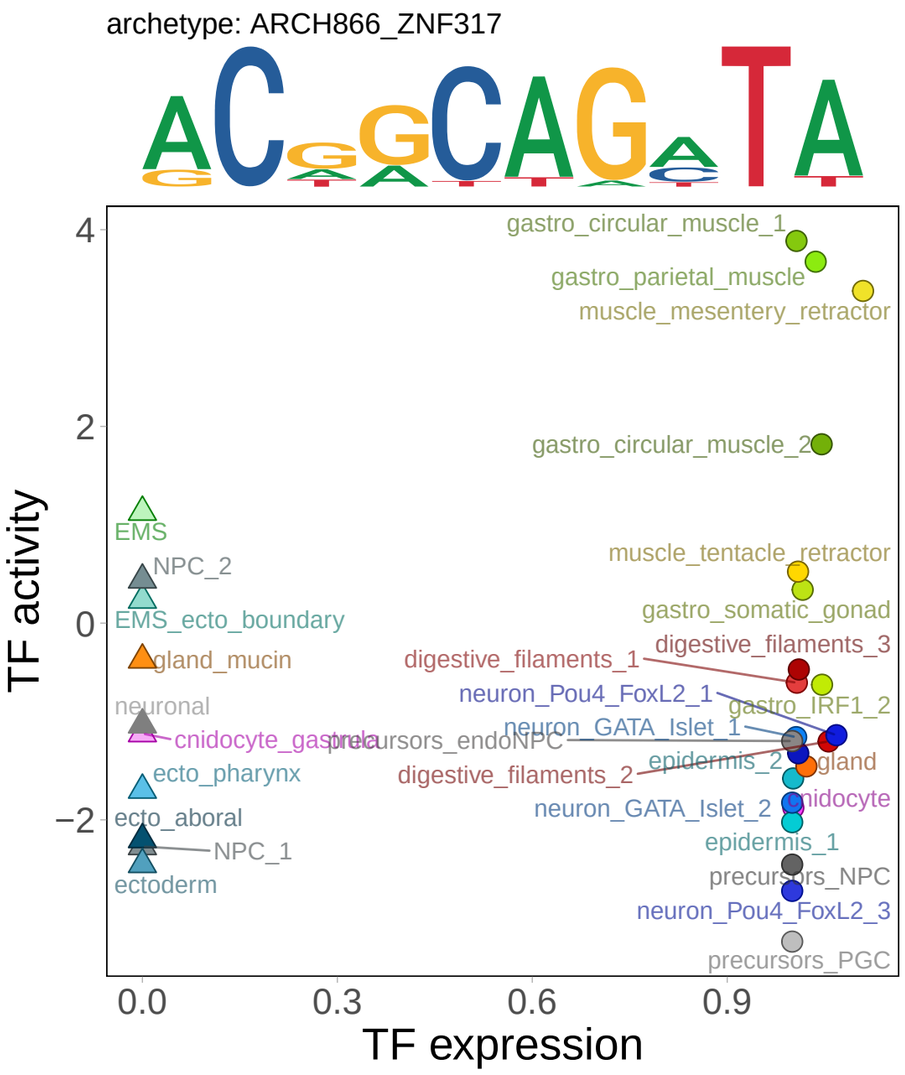




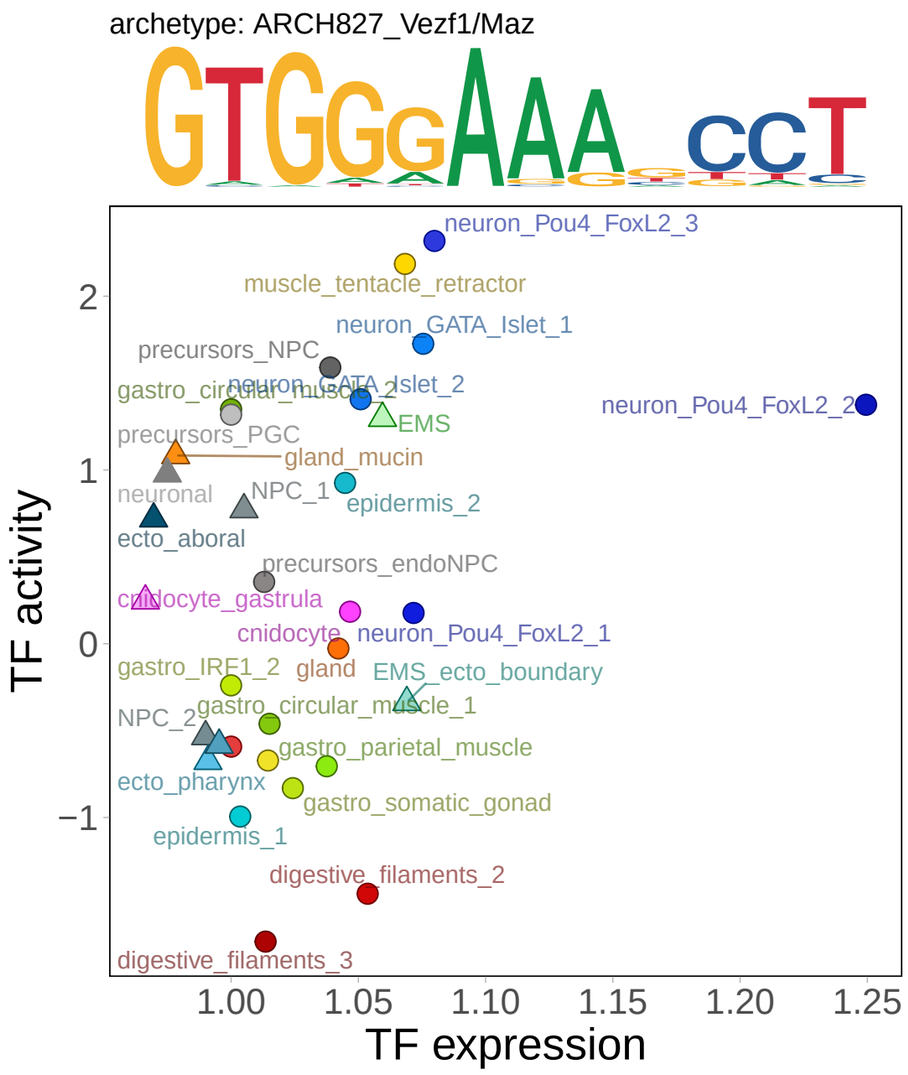
orthology: M03980_2.00



Nvec_vc1.1_XM_032373800.2
OG: zf−C2H2.HG1.38:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

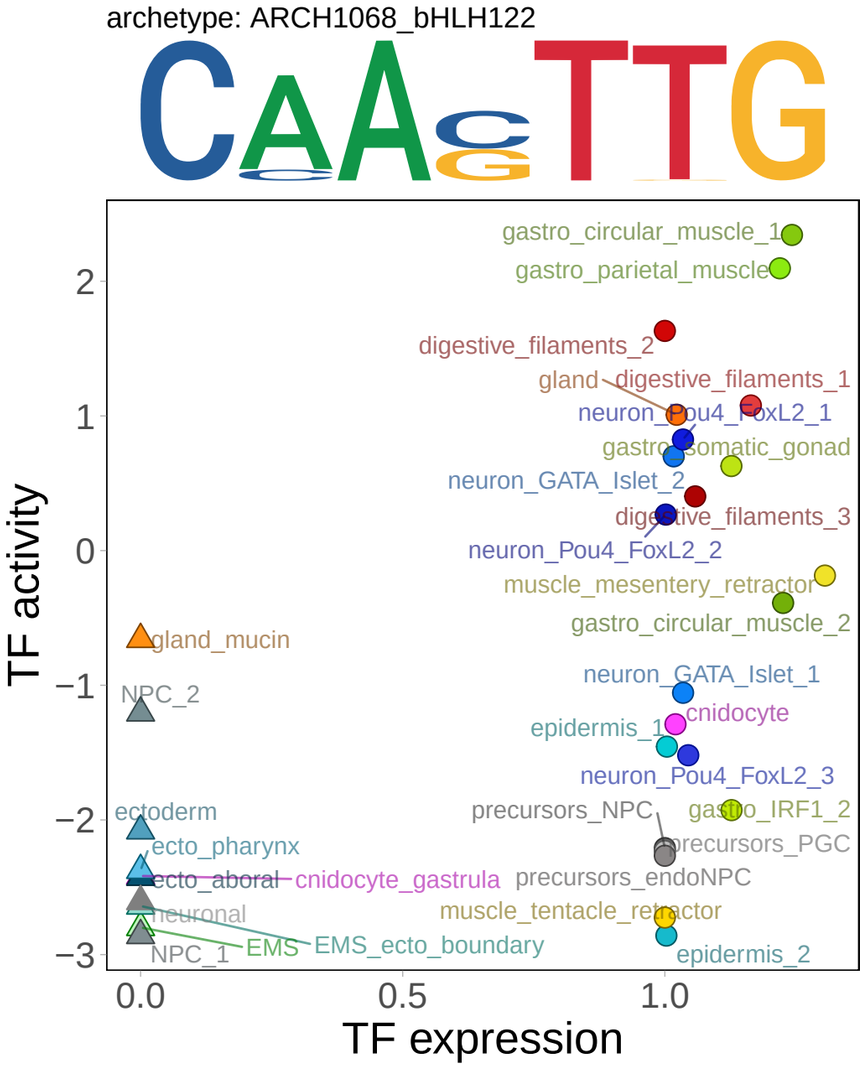


Nvec_vc1.1_XM_032373943.2
OG: zf−C2H2.HG130.1:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2

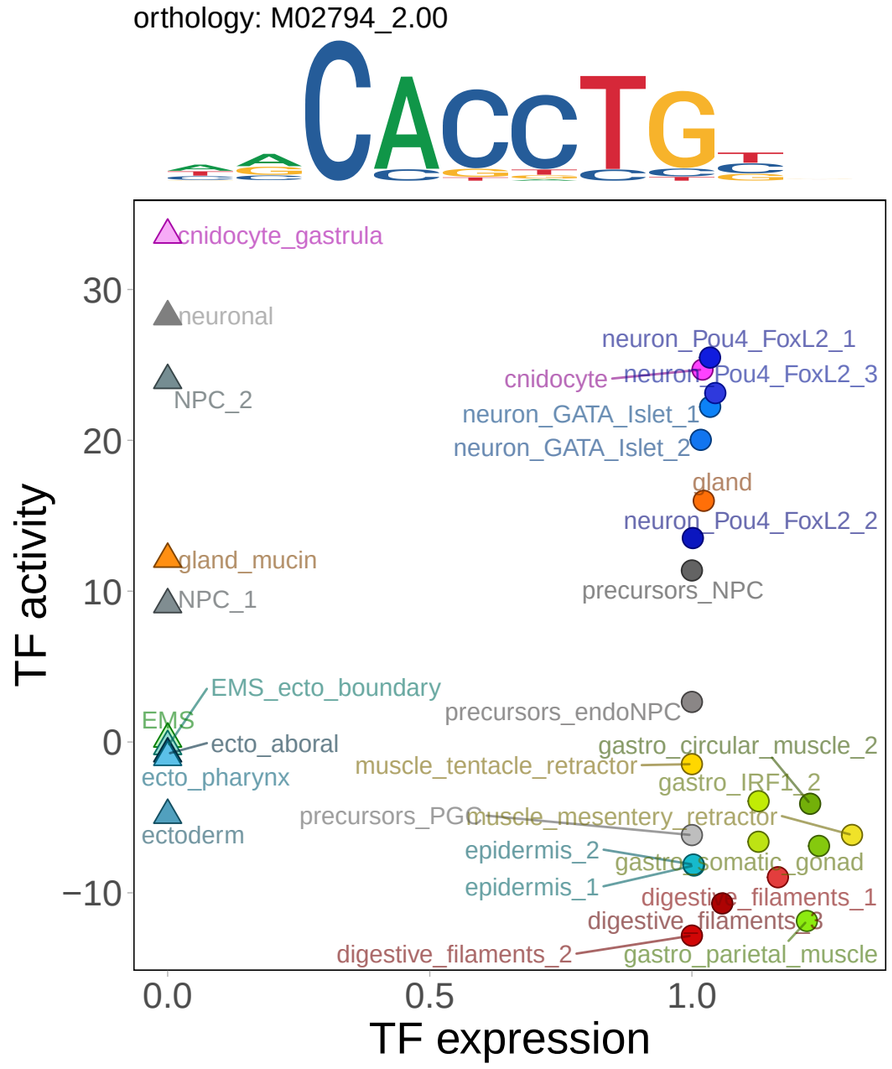


Nvec_vc1.1_XM_032374008.2
OG: HLH.HG1.92:like:SCX/TCF15
PFAM: HLH

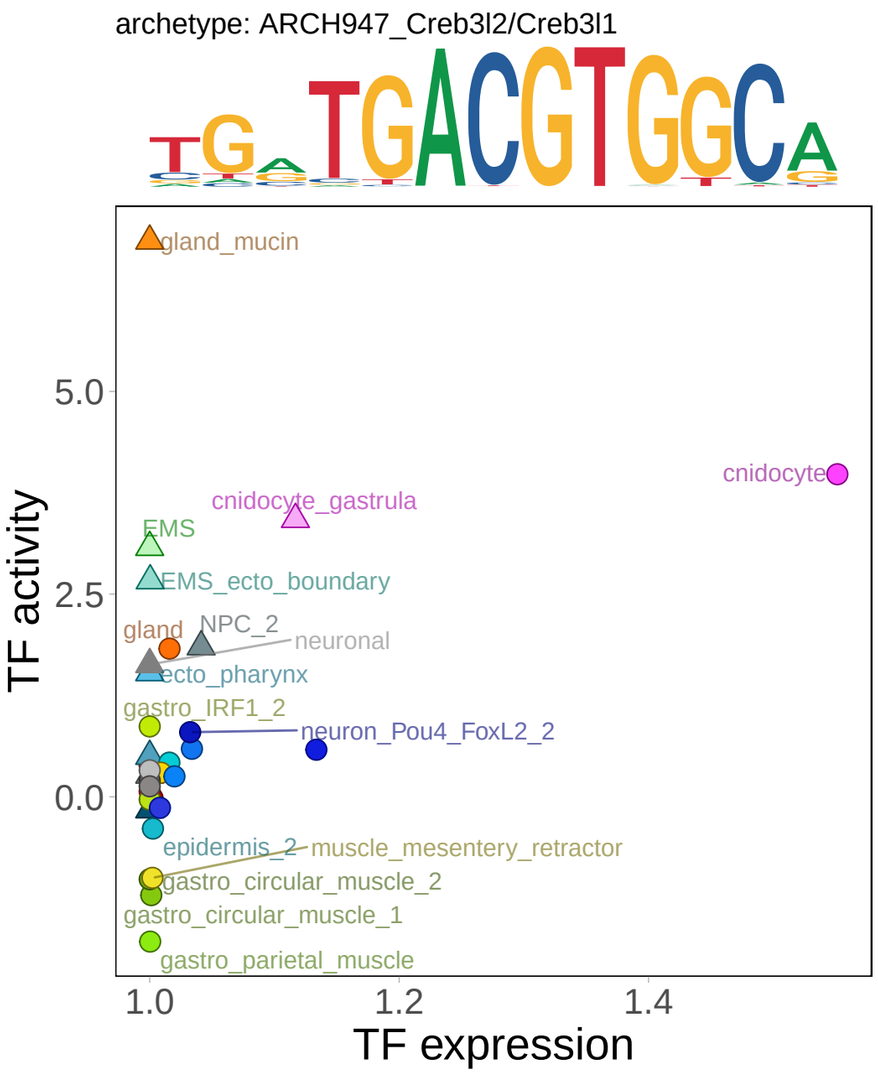
archetype: ARCH1068_bHLH122

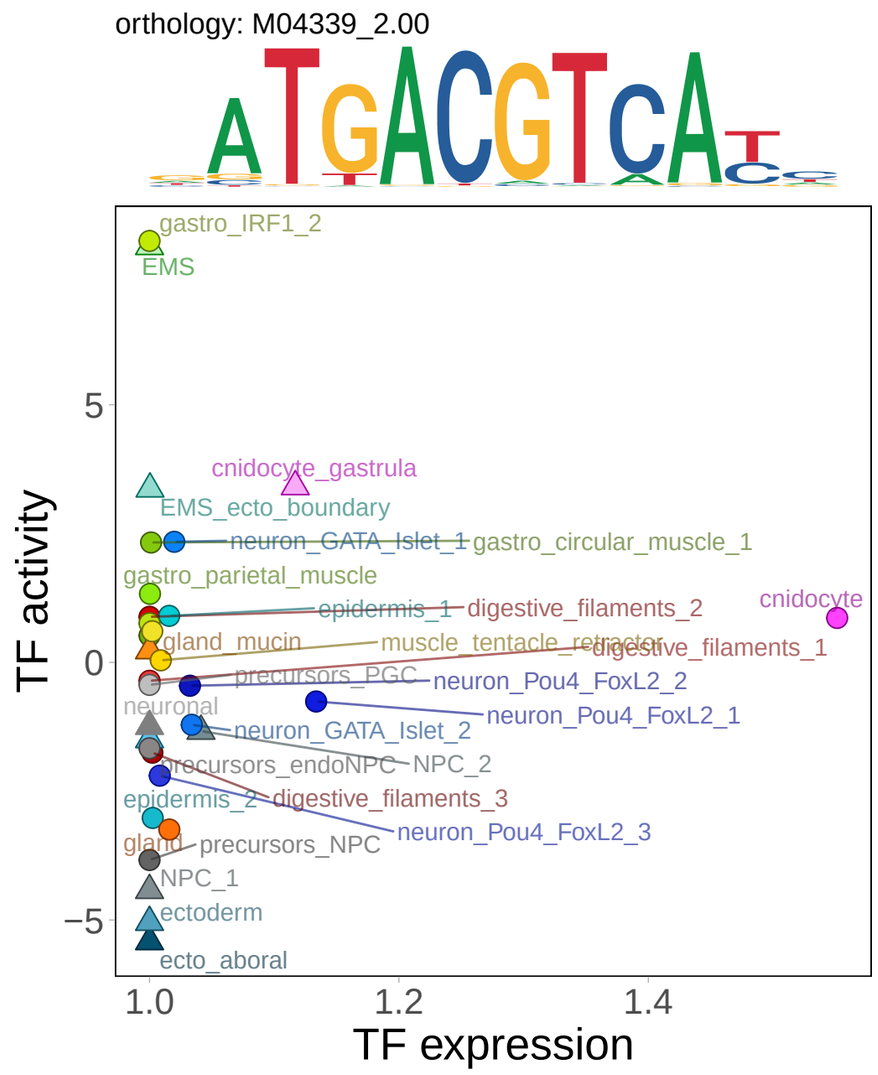


orthology: M02794_2.00

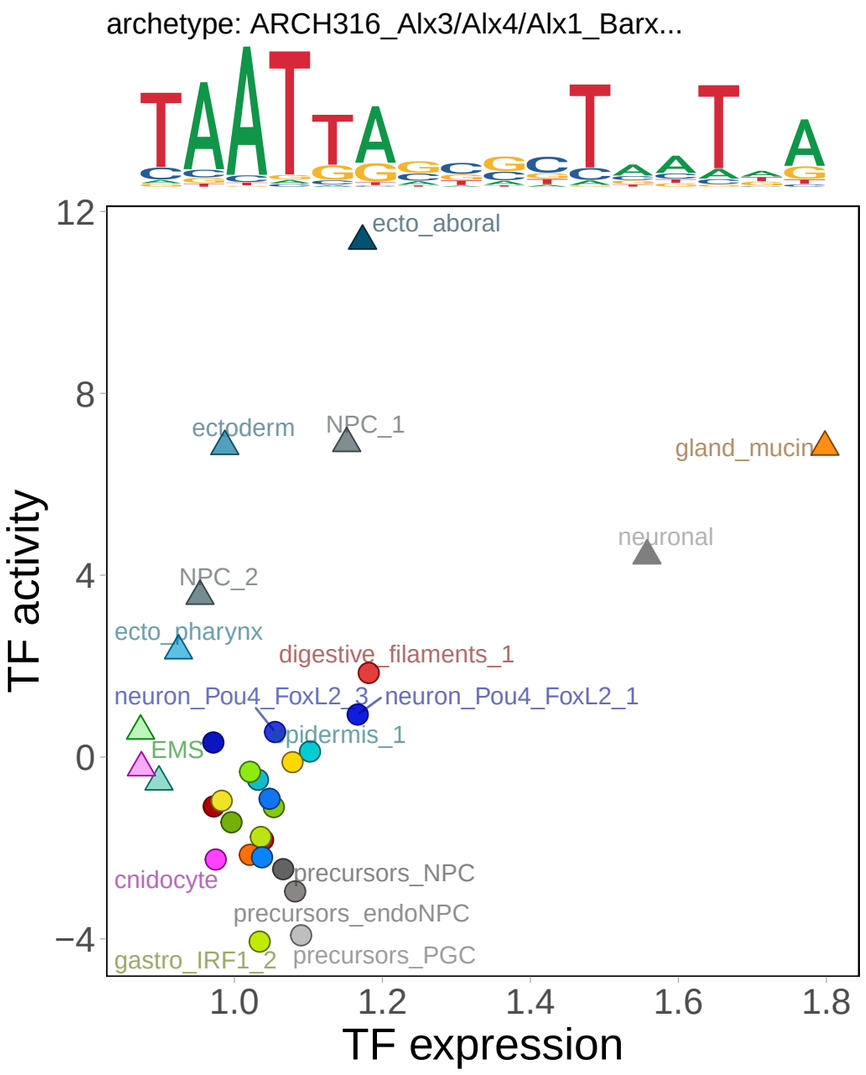


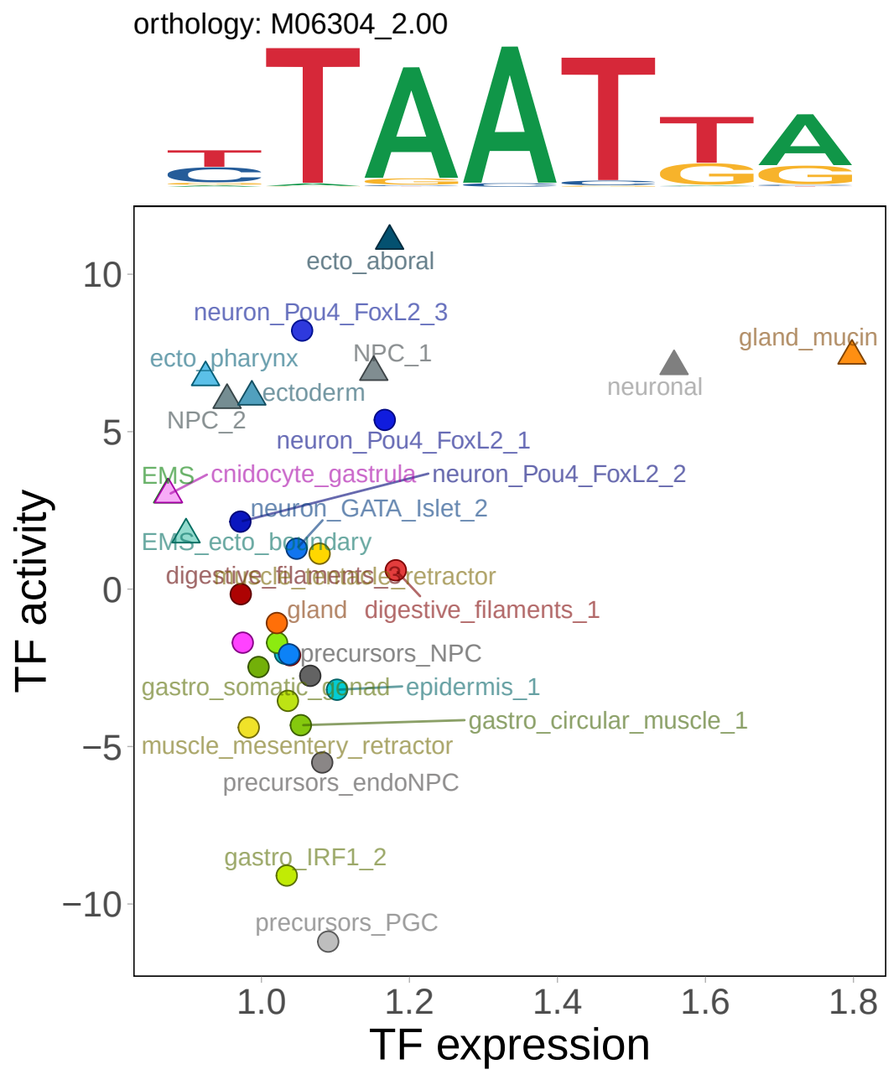
Nvec_vc1.1_XM_032374029.2
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1



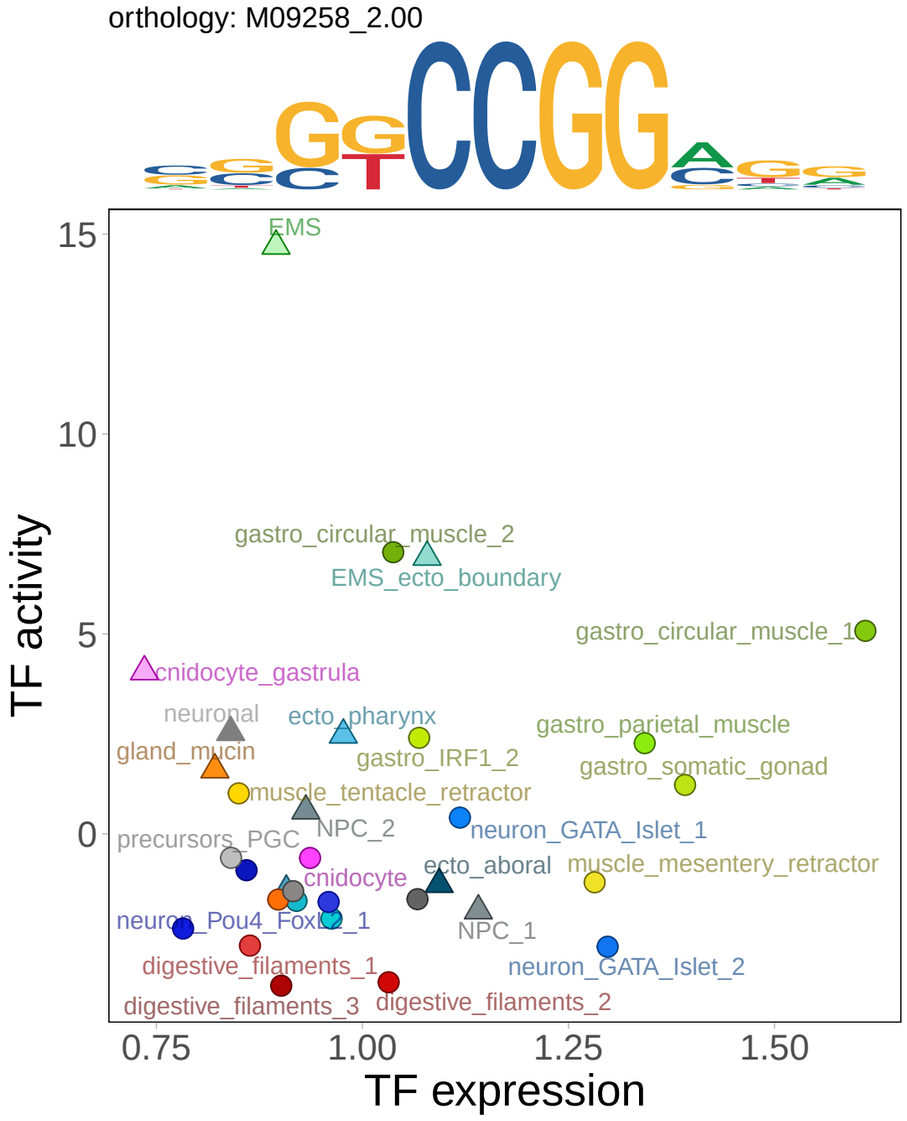


Nvec_vc1.1_XM_032374041.2
OG: Homeodomains.HG2.9:LHX6/LHX8/ZFHX2/ZFHX3/ZFHX4
PFAM: LIM/LIM/Homeodomain

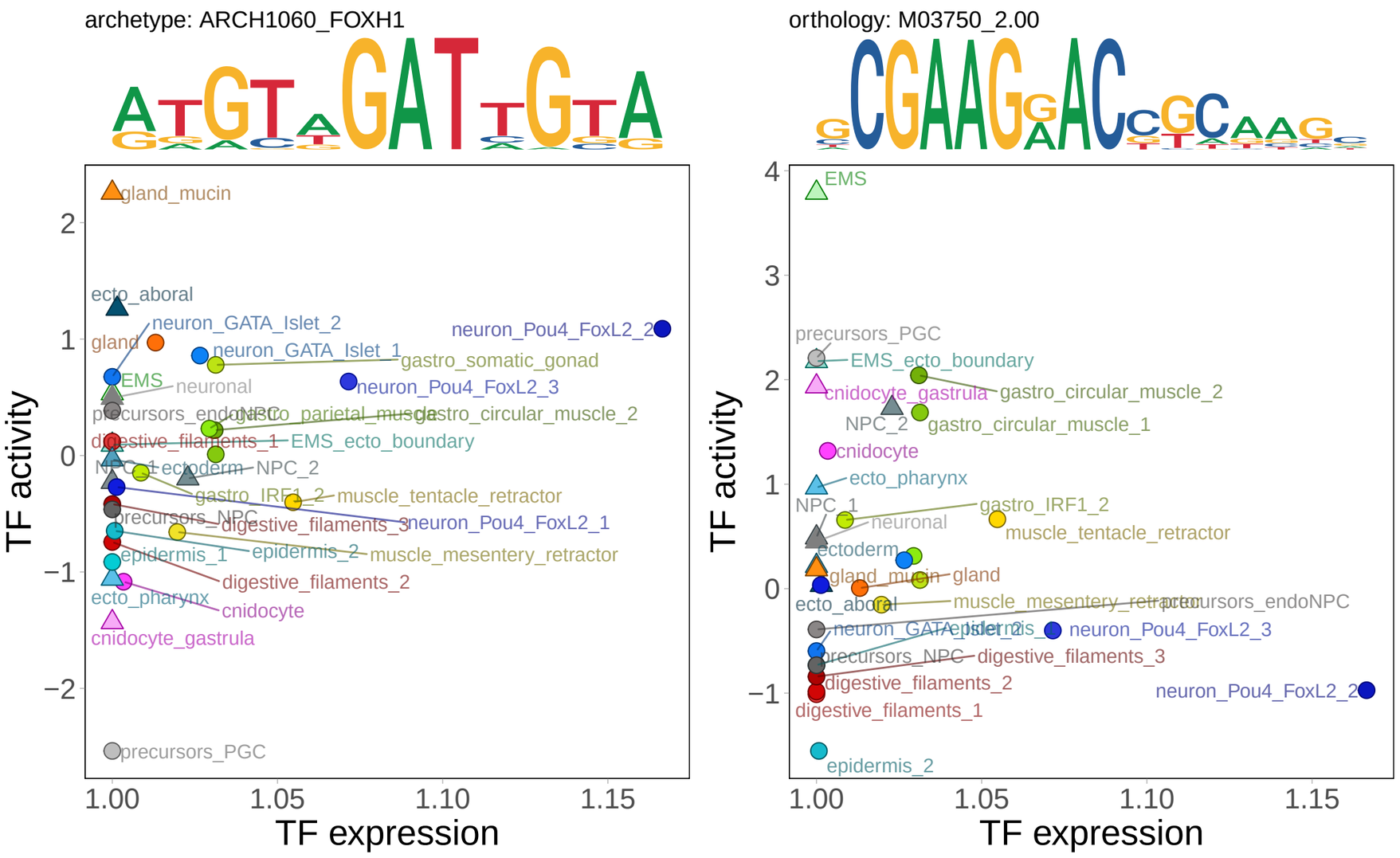




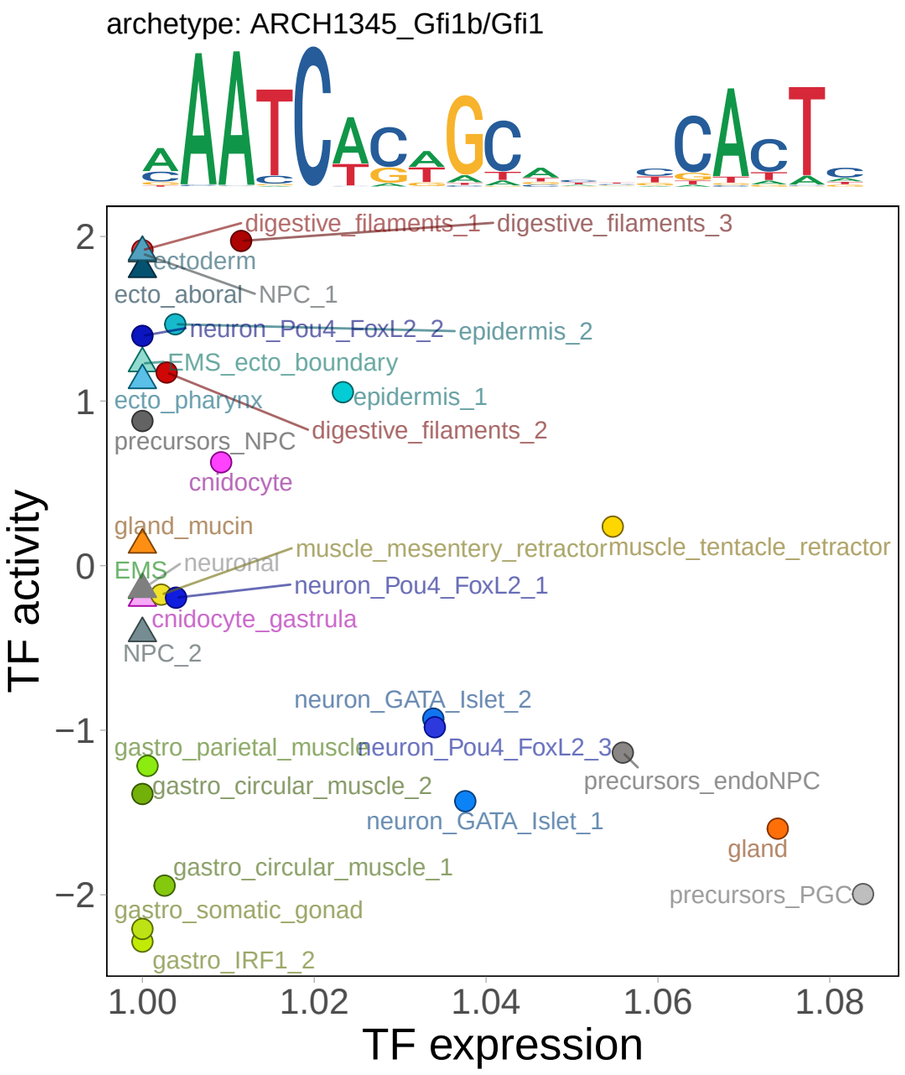
orthology: M09258_2.00



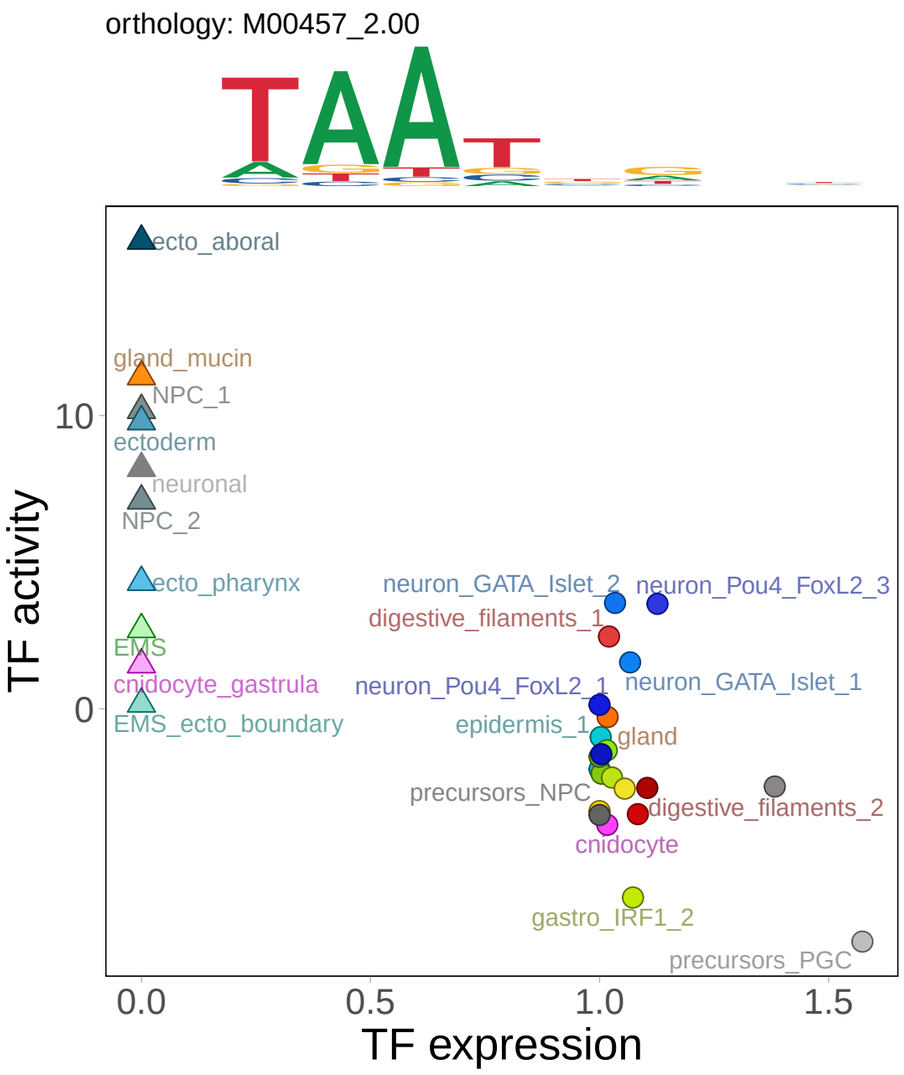
Nvec_vc1.1_XM_032374352.2
OG: Forkhead.HG1.9:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2
PFAM: Forkhead



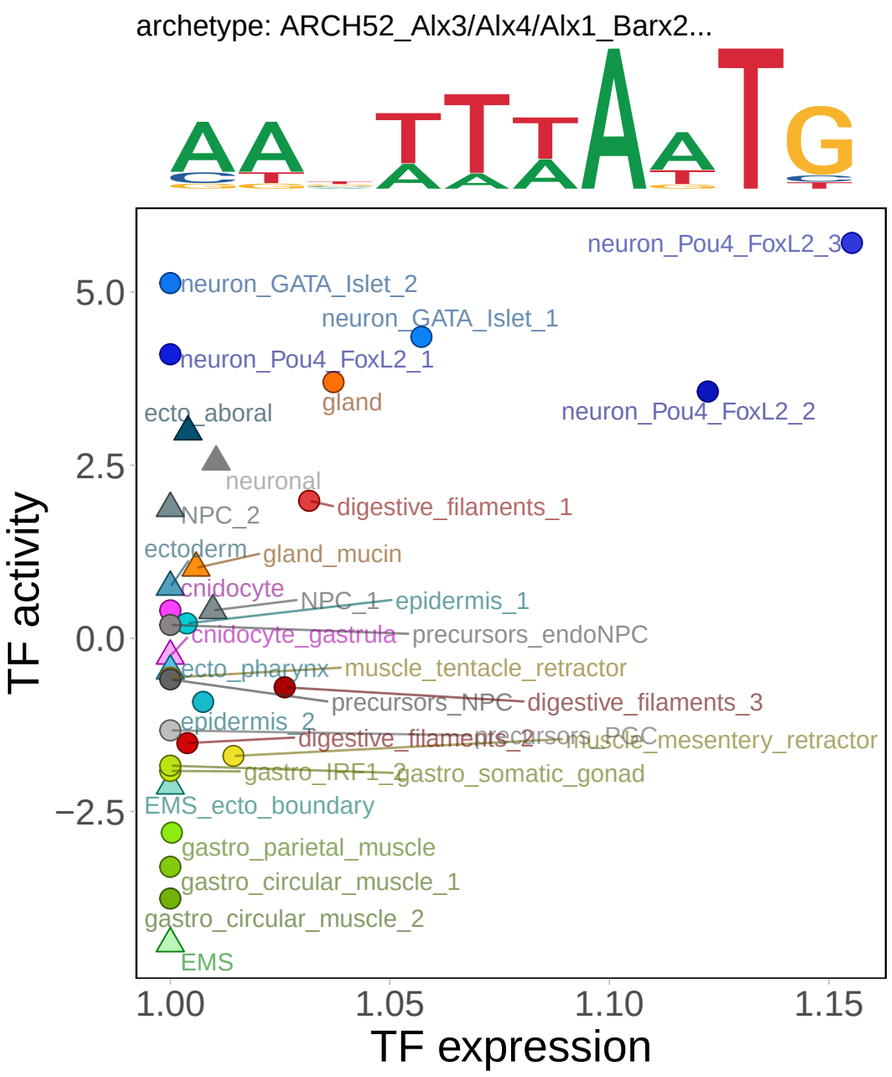
Nvec_vc1.1_XM_032374382.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

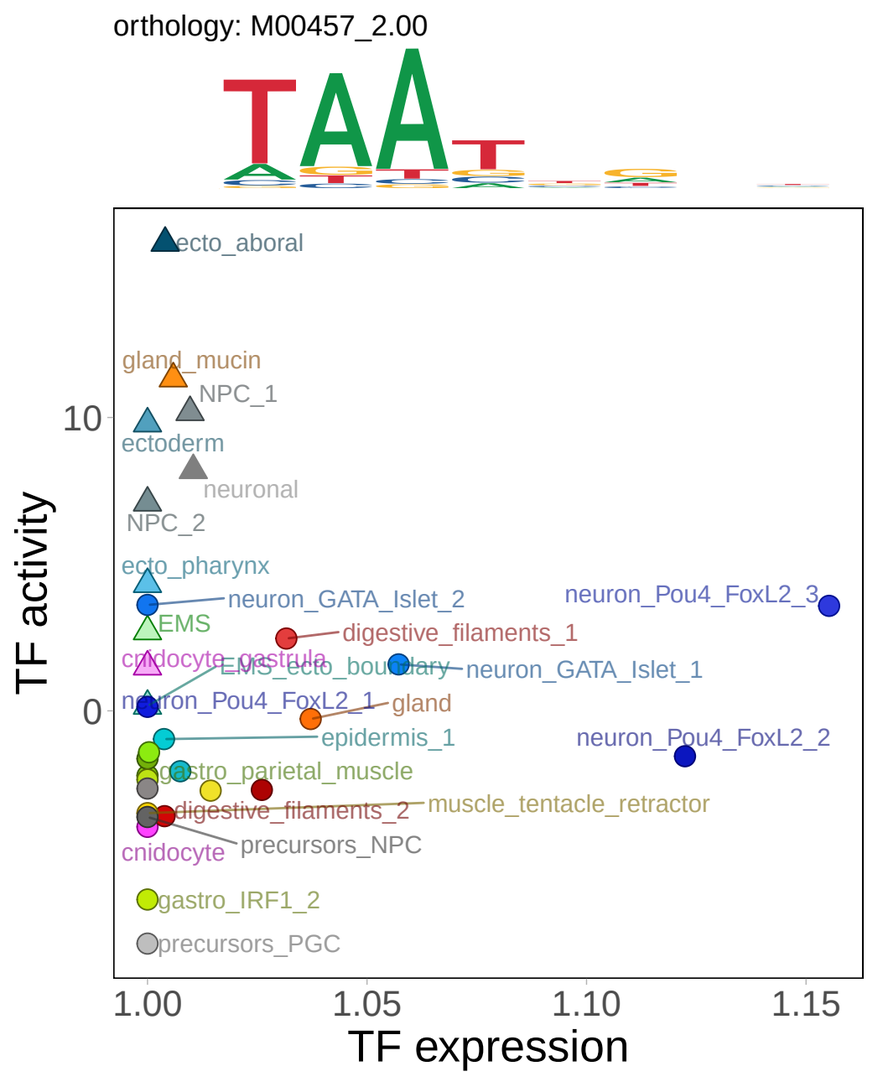


Nvec_vc1.1_XM_032374853.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain

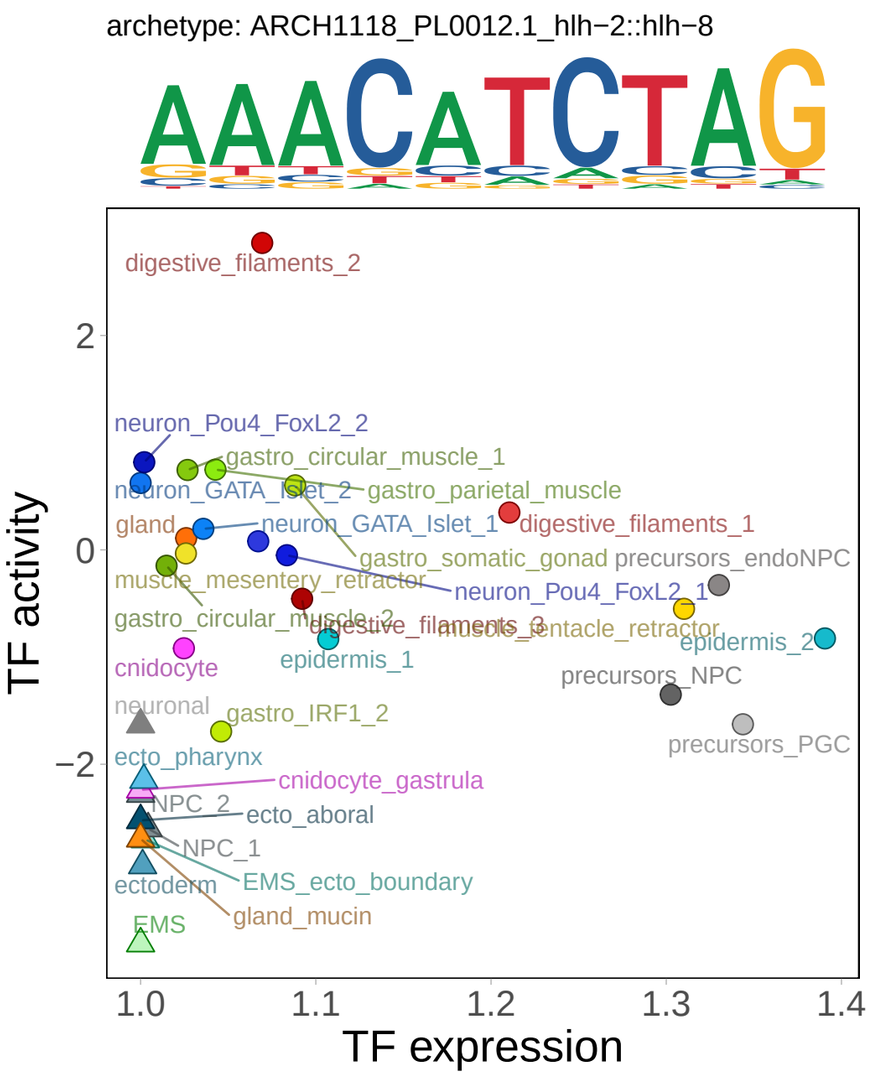


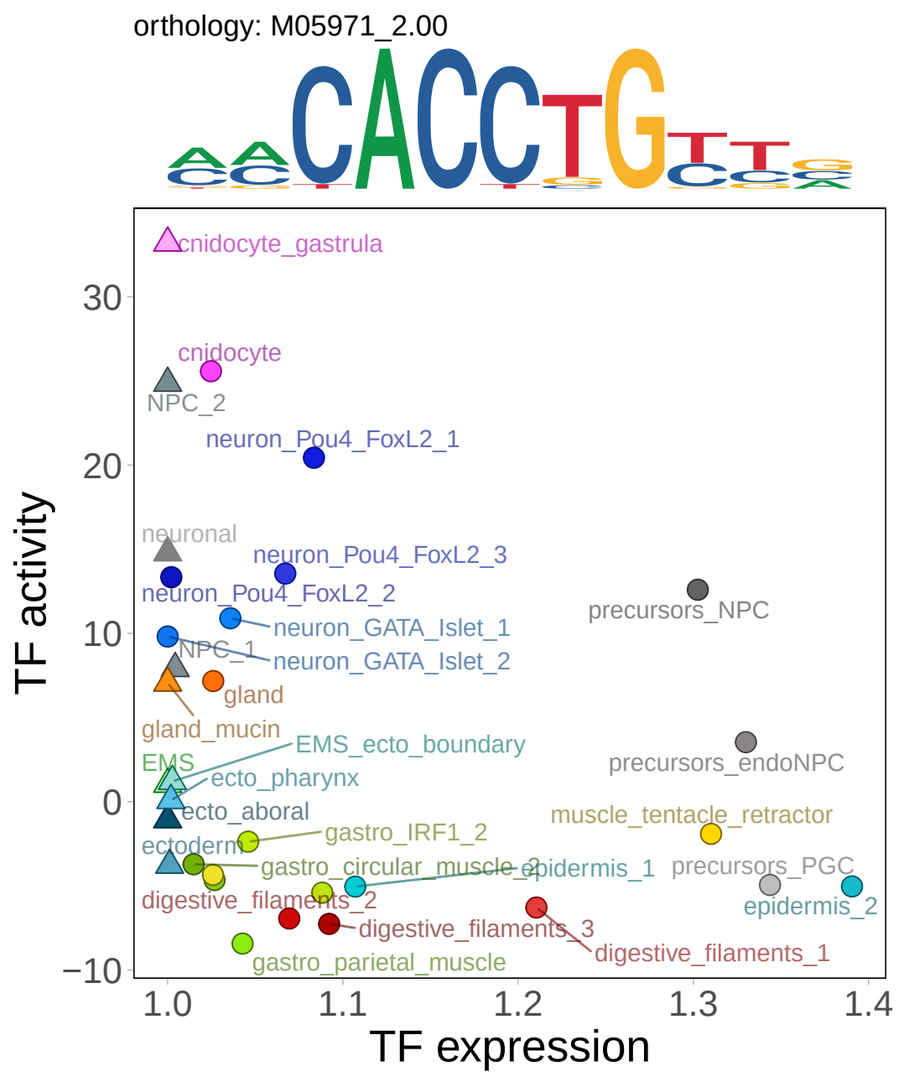
Nvec_vc1.1_XM_032374864.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain



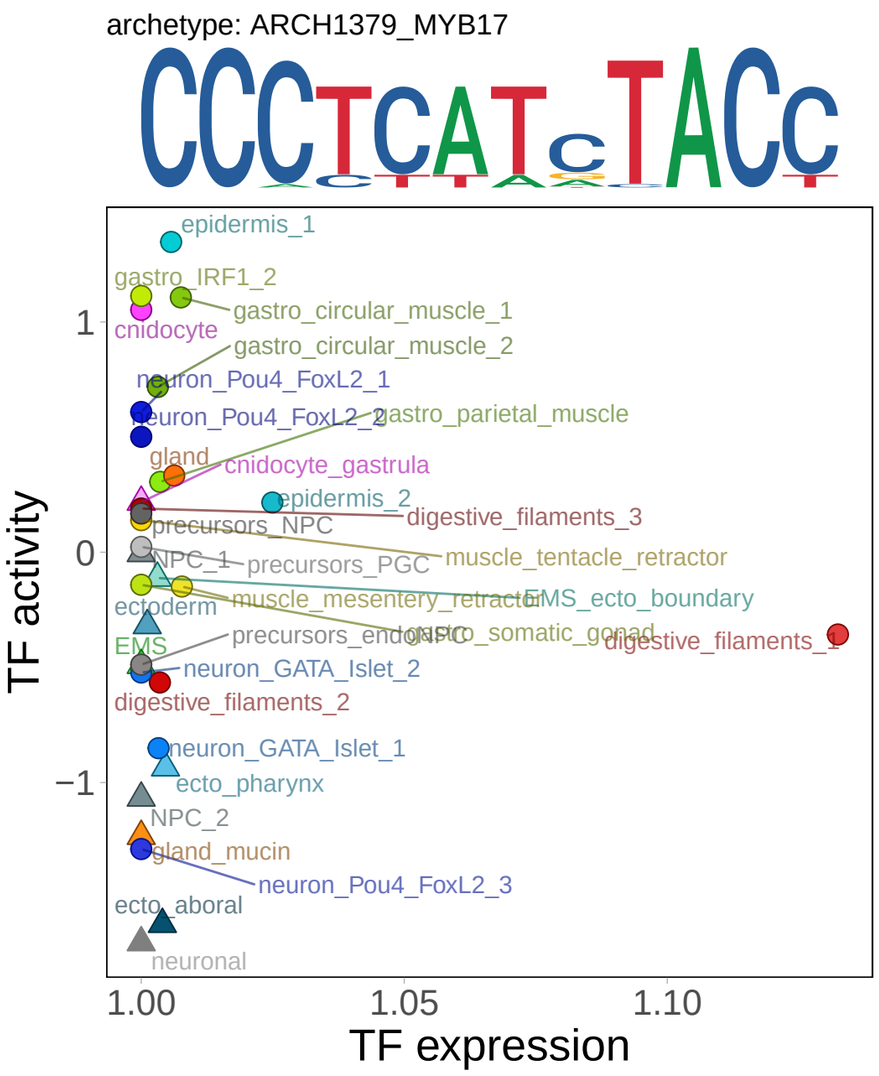


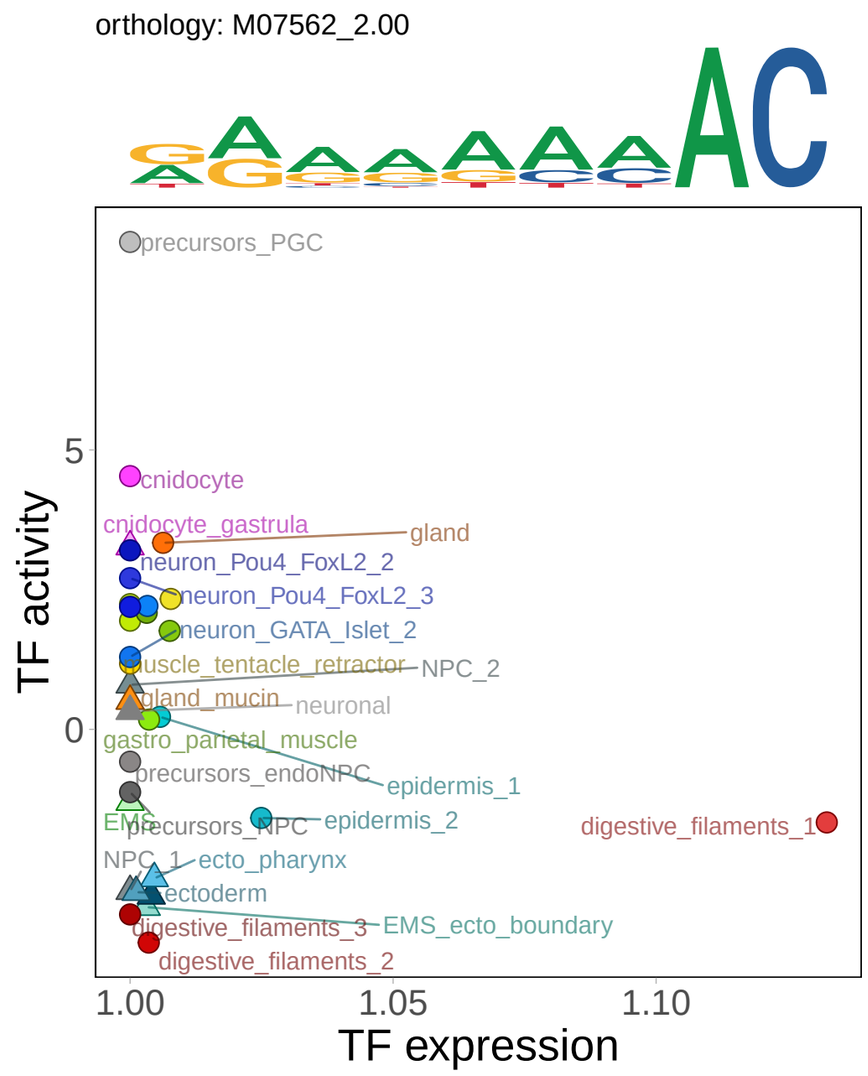
Nvec_vc1.1_XM_032374977.2
OG: HLH.HG1.56:TCF23/TCF24
PFAM: HLH



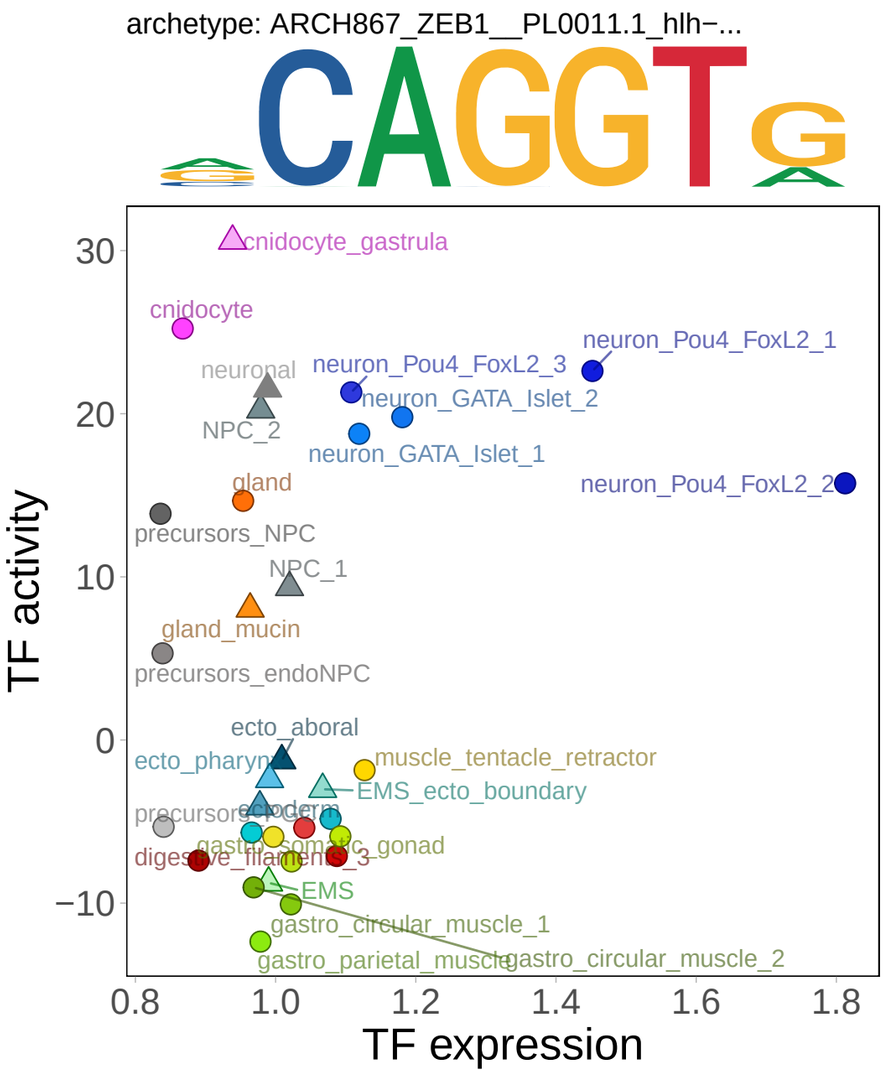


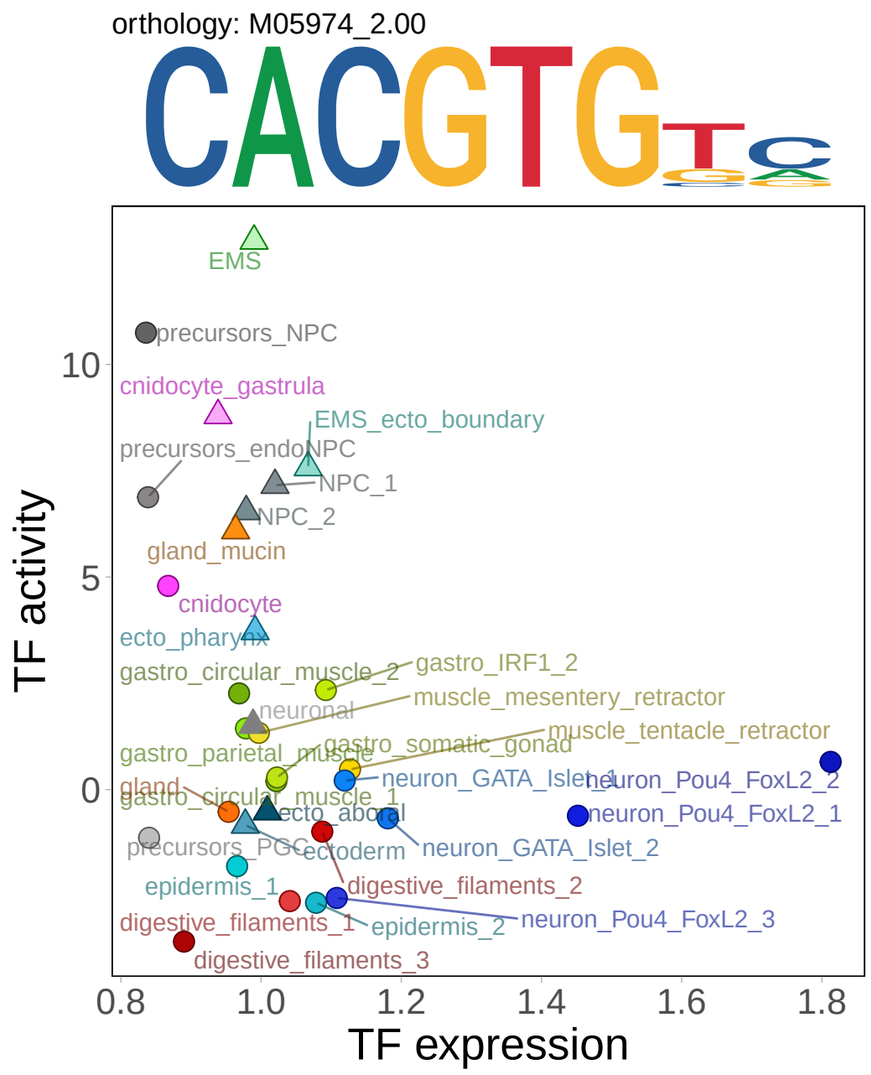
Nvec_vc1.1_XM_032375153.2
OG: Myb.HG3.1:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN29/ZSCAN32
PFAM: Myb_DNA−bind_4



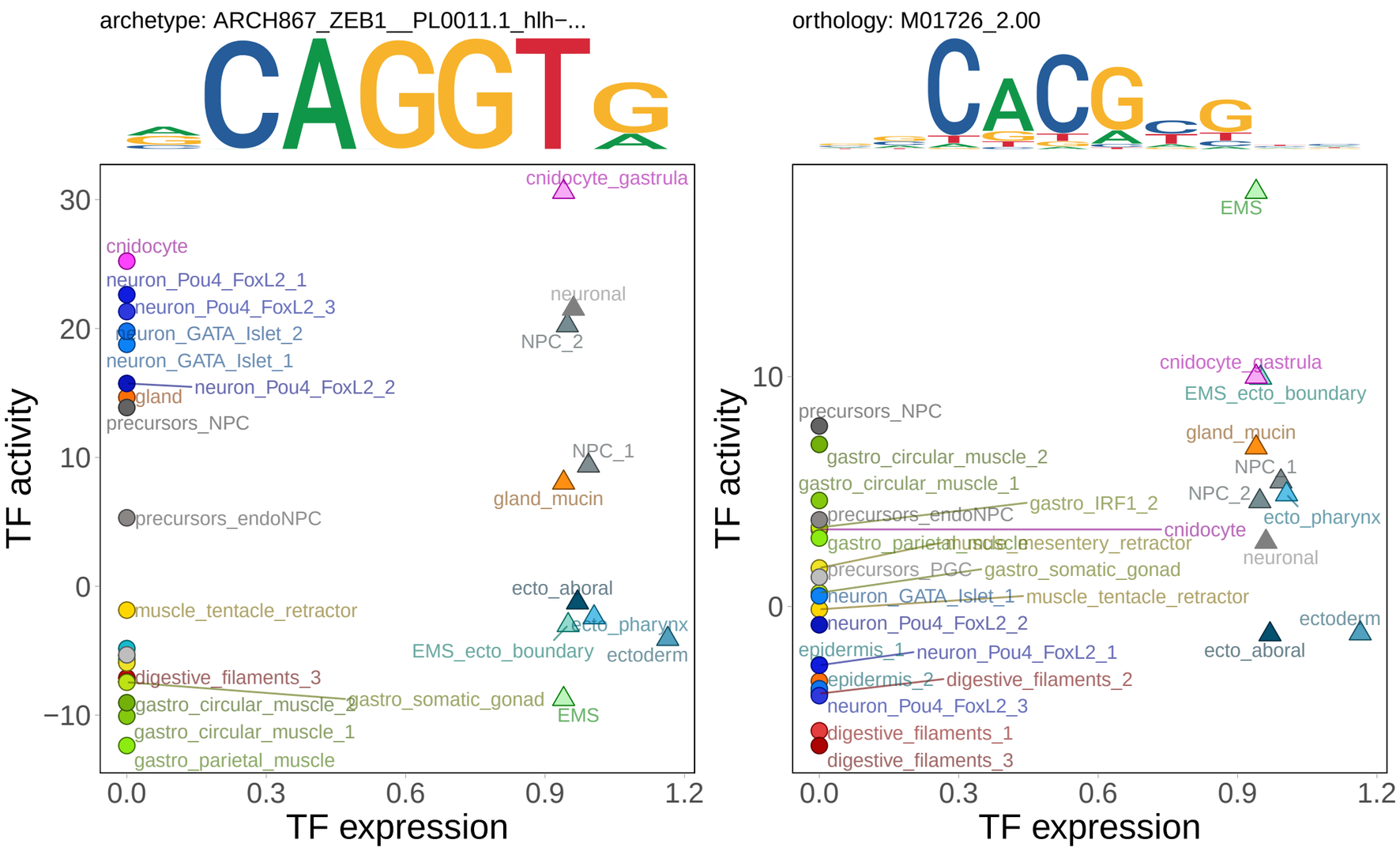


Nvec_vc1.1_XM_032375280.2
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCOA1/NPAS1/NPAS2/
PFAM: HLH/PAS/PAS_11

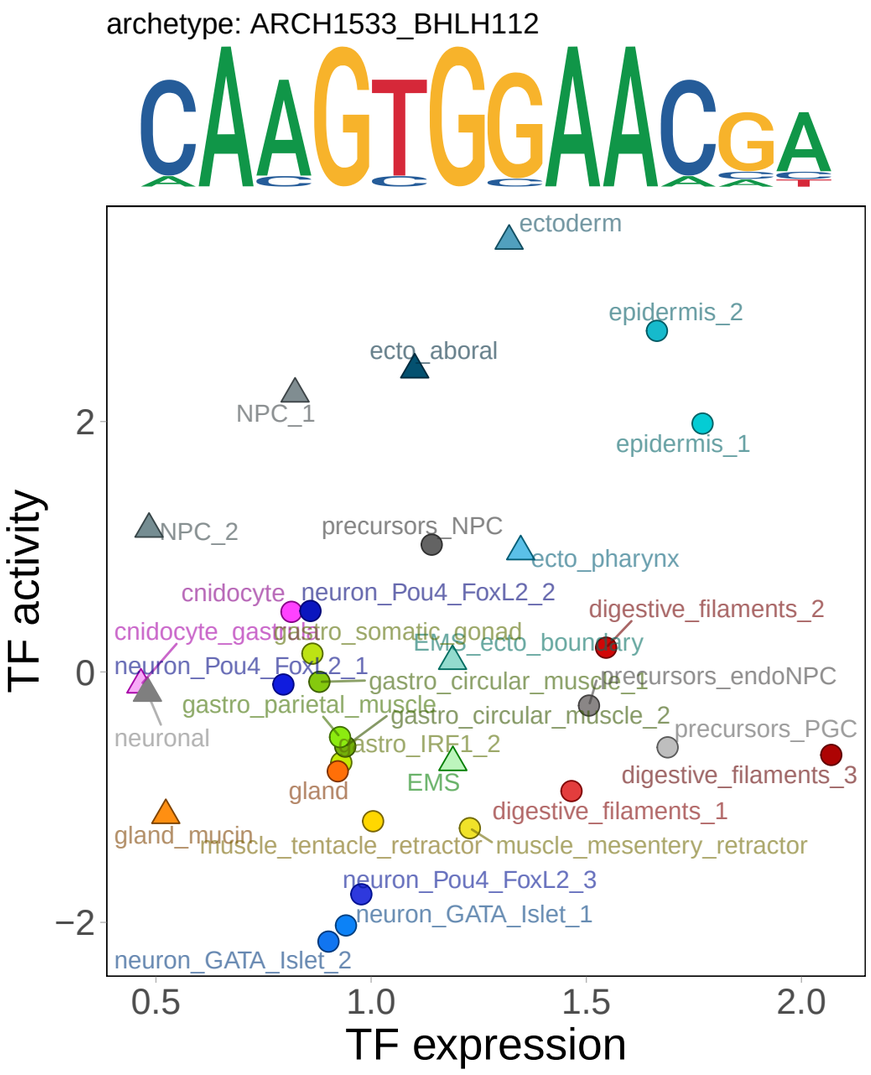


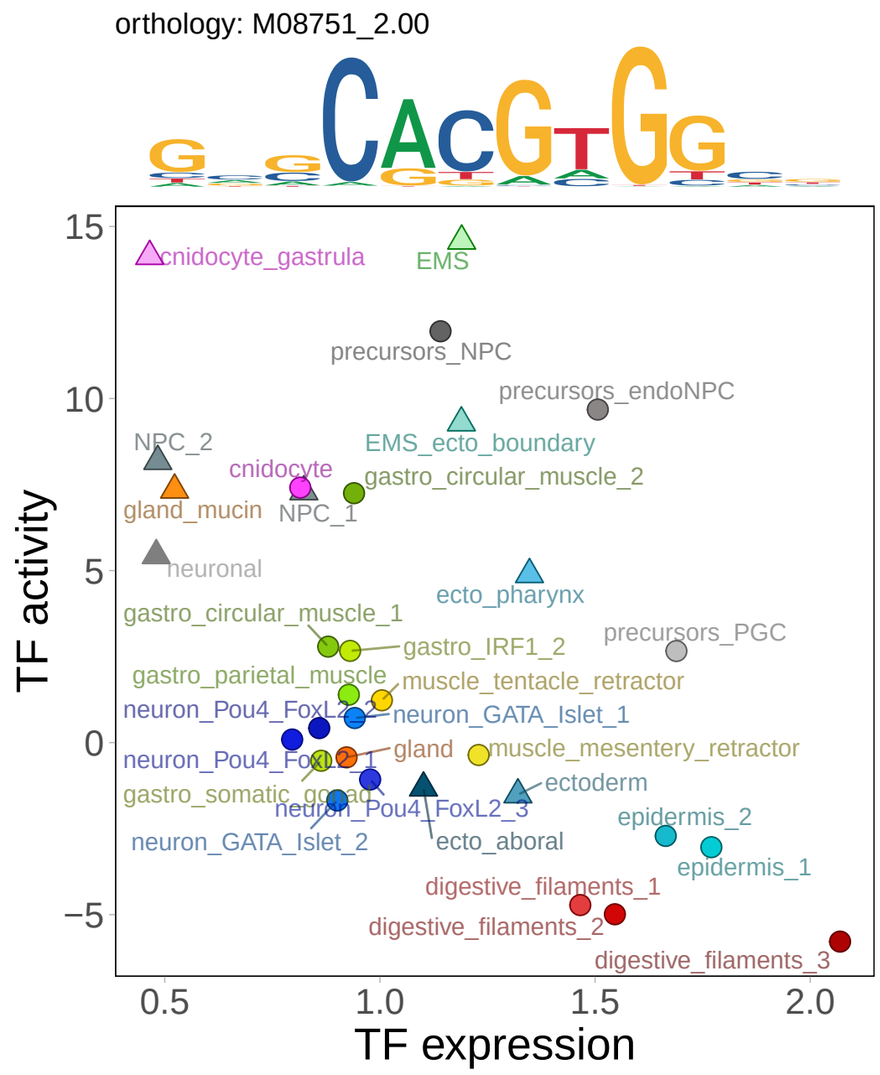


Nvec_vc1.1_XM_032375349.2
OG: HLH.HG1.50:HES3
PFAM: HLH

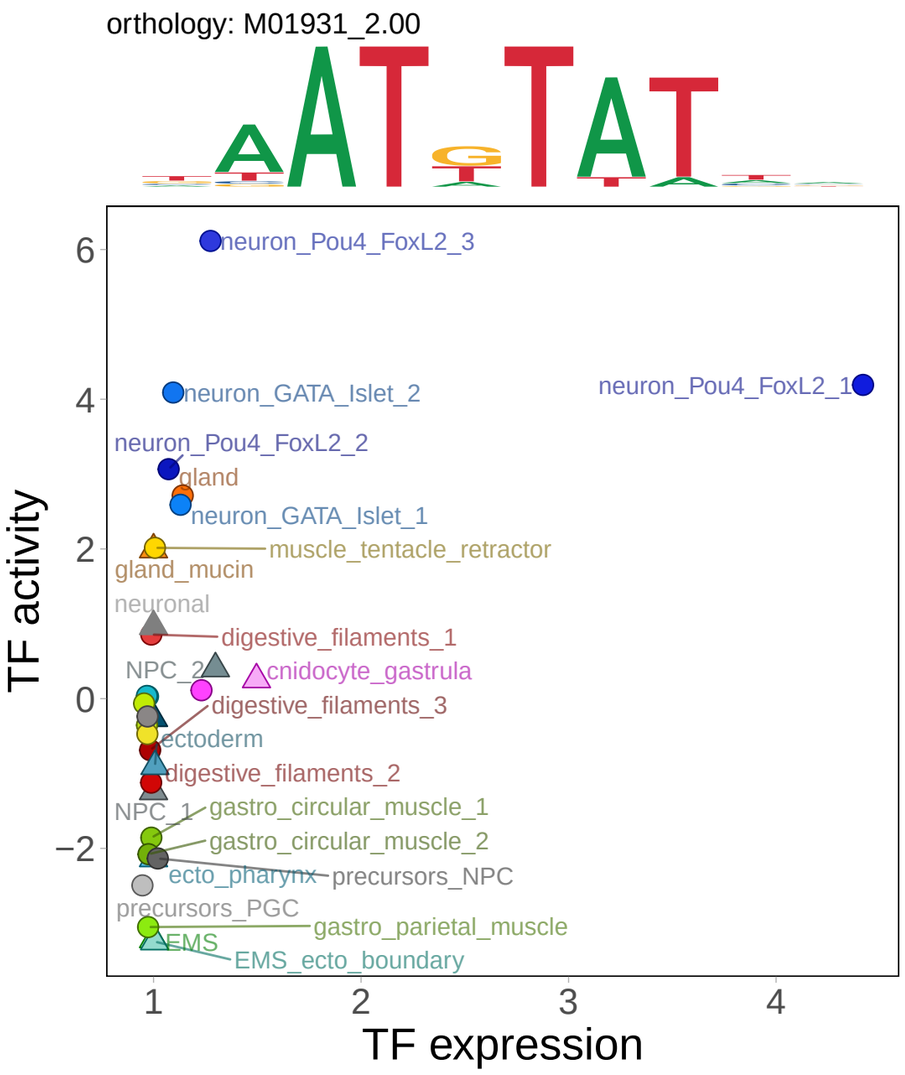


Nvec_vc1.1_XM_032375407.2
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: Myc_N/HLH

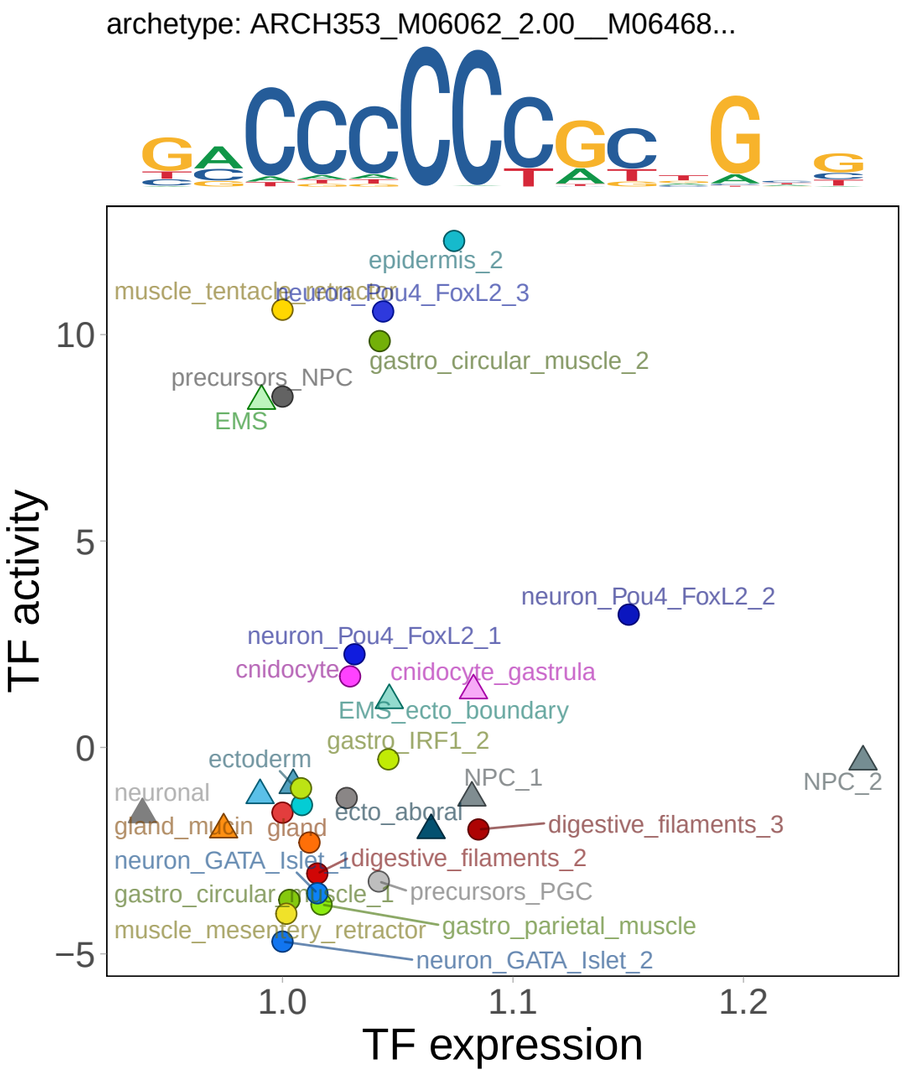




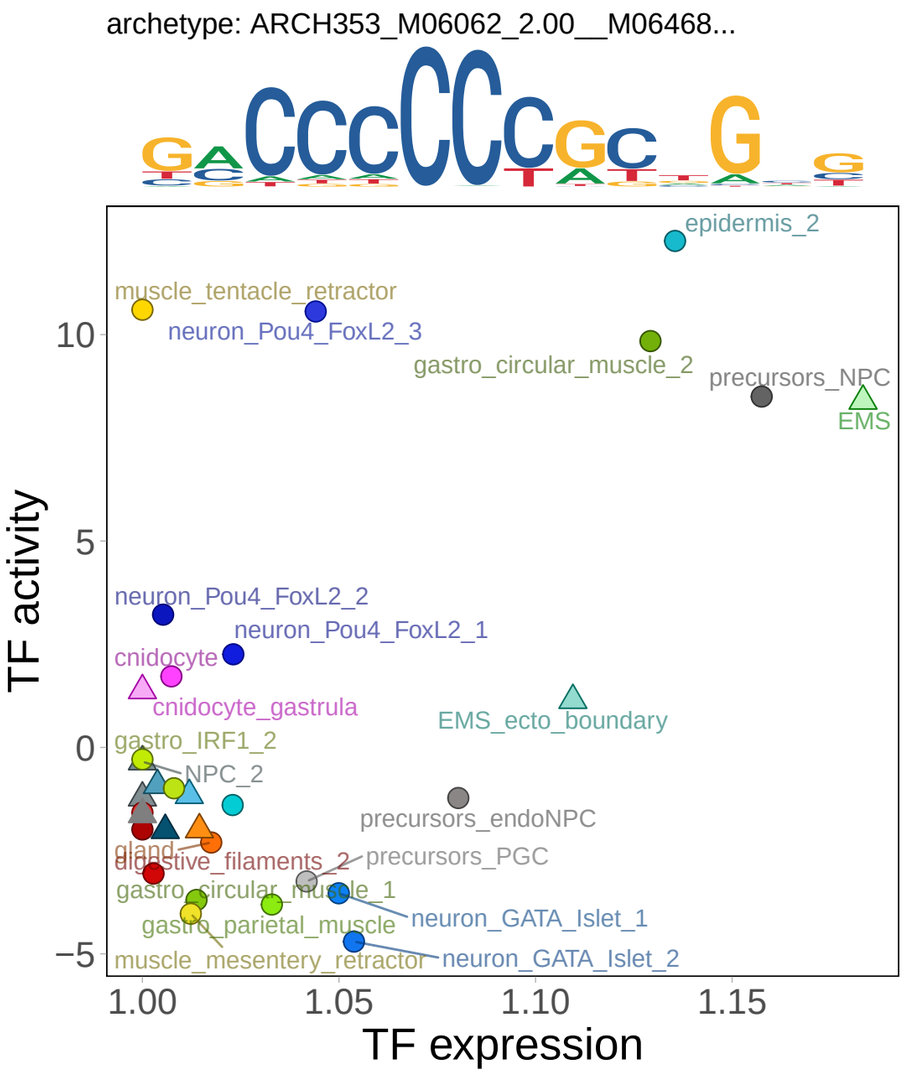
Nvec_vc1.1_XM_032375670.2
OG: Doublesex_DM.HG1.19:like:DMRT1/DMRT2/DMRT3/DMRTA1/DMRTA2/DMRTB1
PFAM: DM/DMA



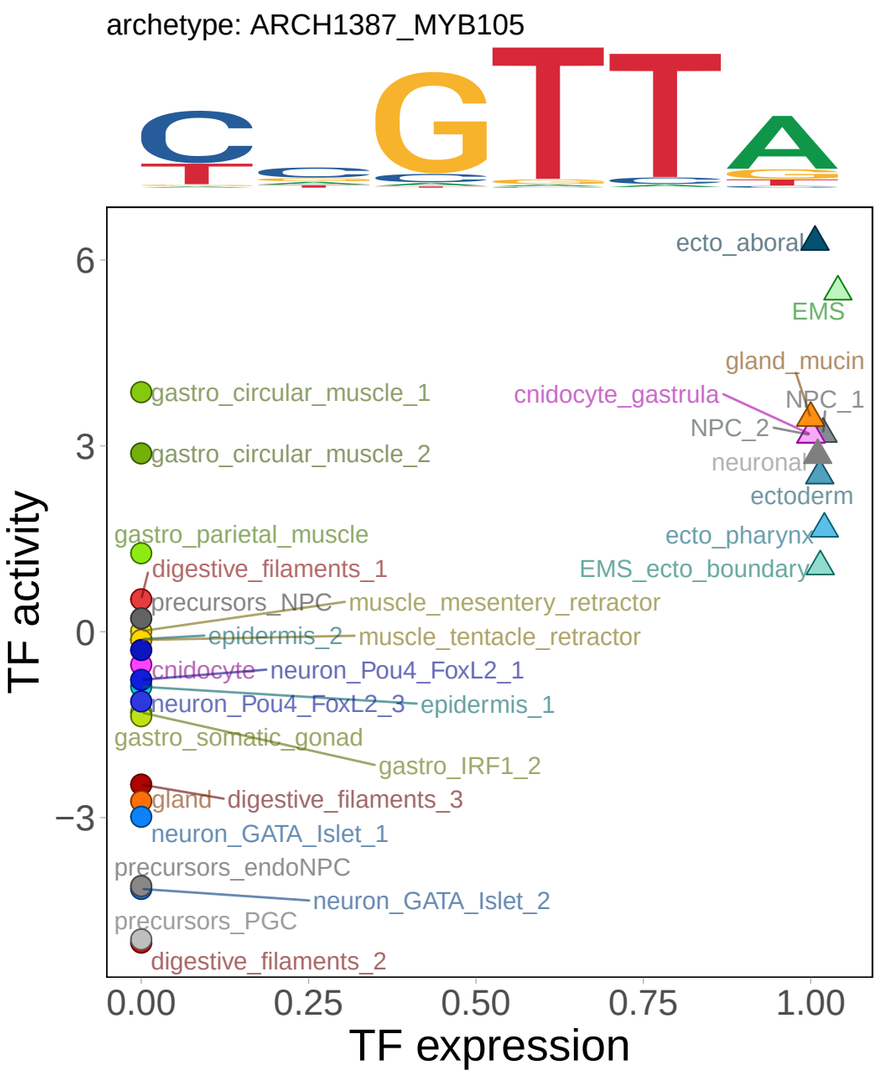
Nvec_vc1.1_XM_032375721.2
OG: zf−C2H2.HG119.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

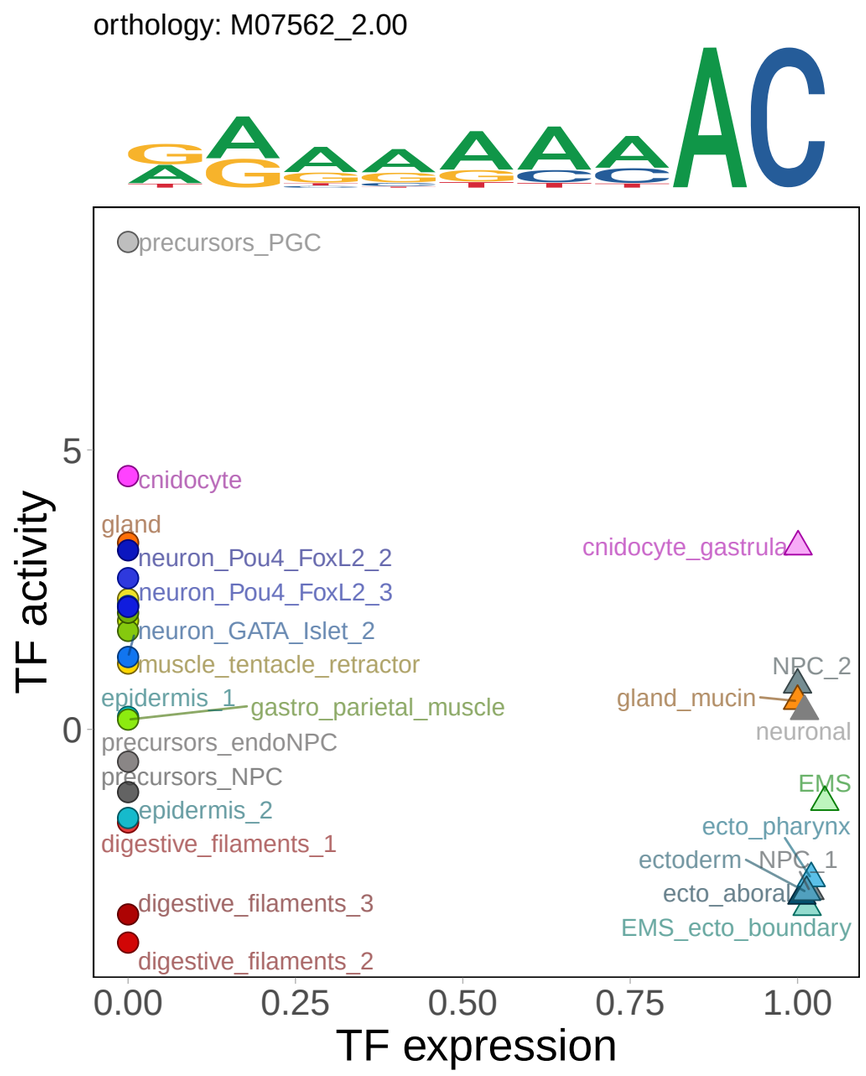


Nvec_vc1.1_XM_032375915.2
OG: zf−C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/GLIS2/GLIS3
PFAM: zf−C2H2/zf−C2H2

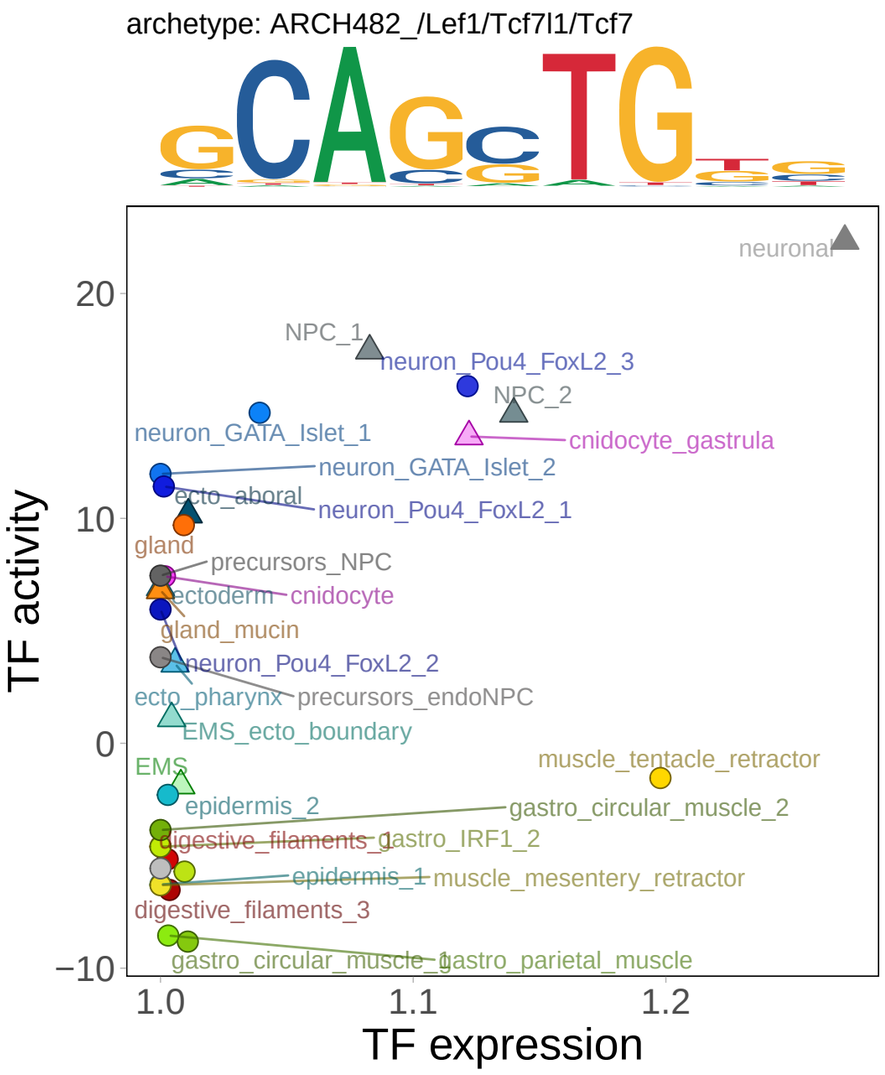


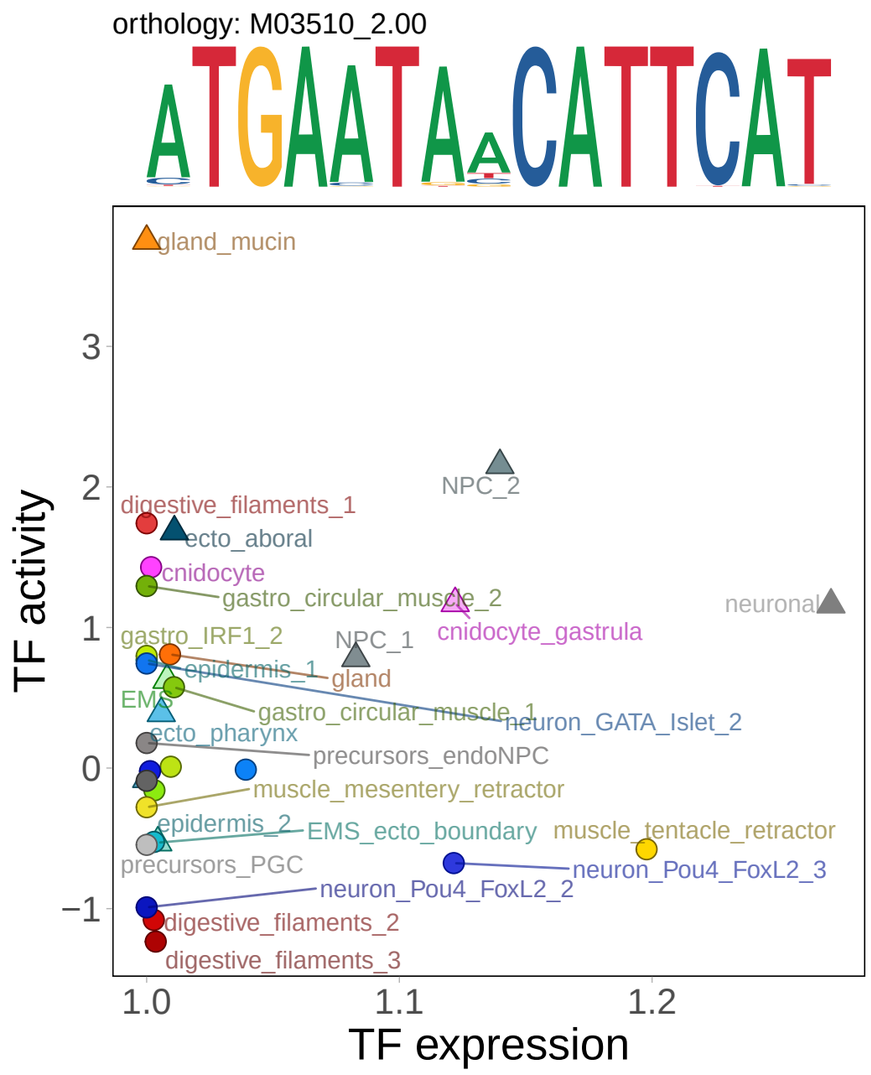
Nvec_vc1.1_XM_032376092.2
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN29/ZSCAN32
PFAM: Myb_DNA−bind_4



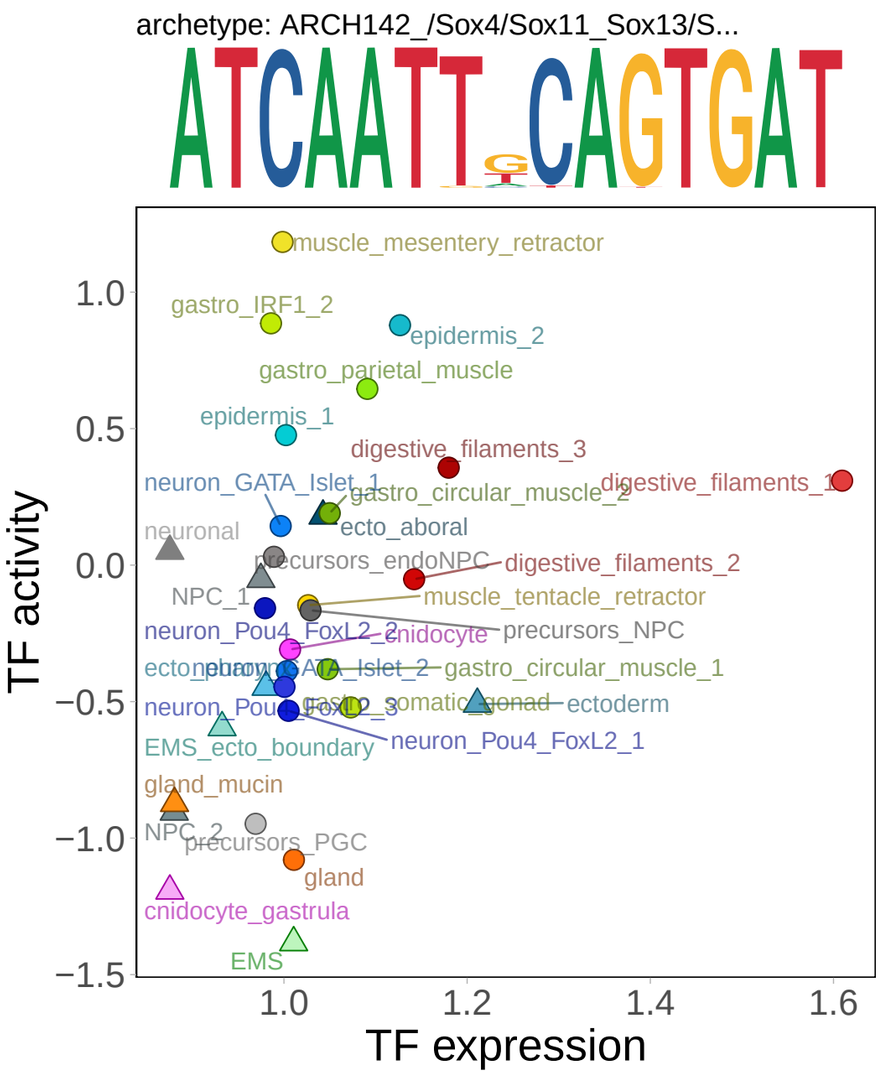


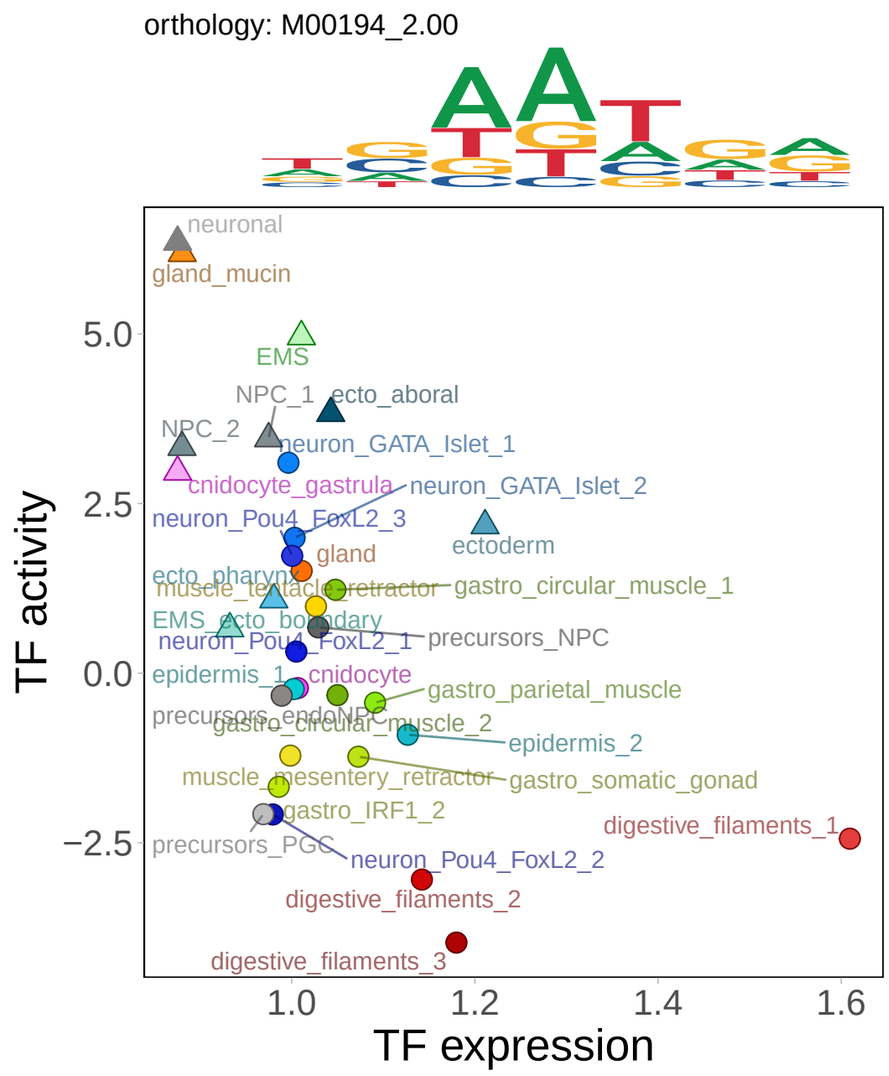
Nvec_vc1.1_XM_032376206.2 (SoxB2)
OG: HMGbox_Sox.HG1.13:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY
PFAM: HMG_box



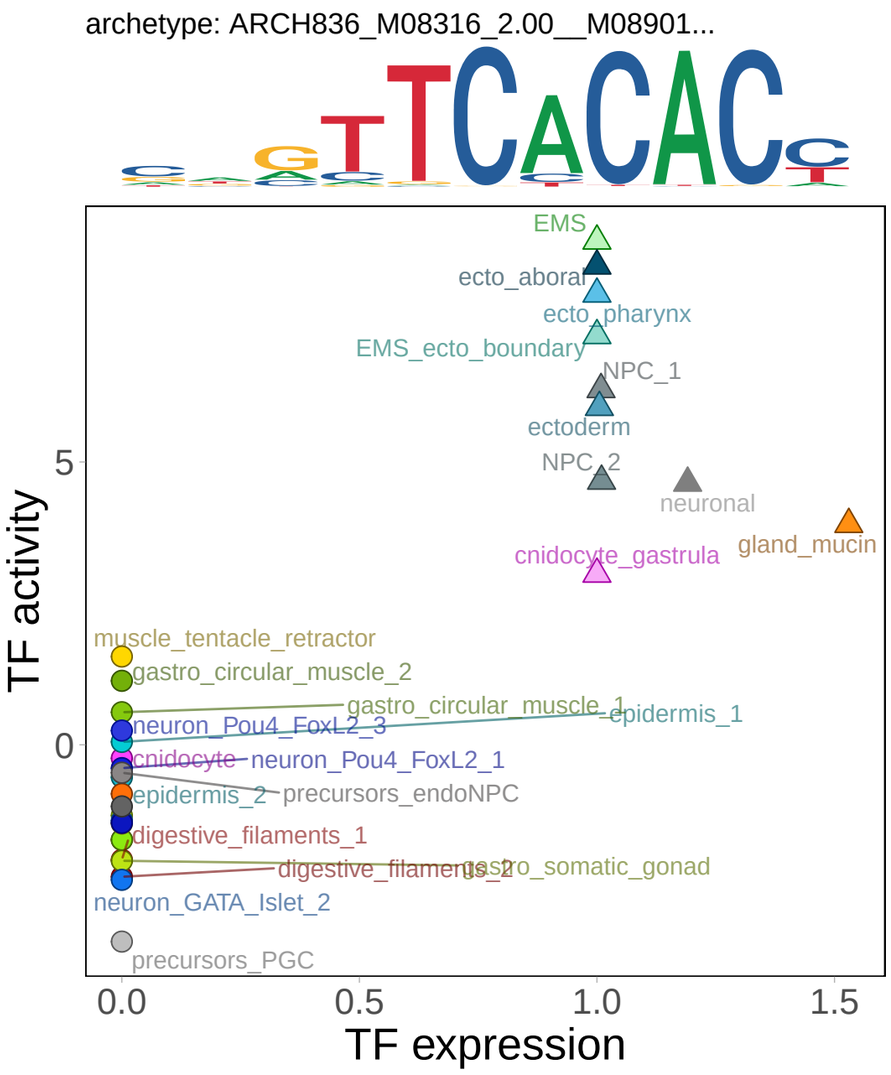


Nvec_vc1.1_XM_032376267.2
OG: HMGbox_Sox.HG1.7:HBP1
PFAM: AXH/HMG_box

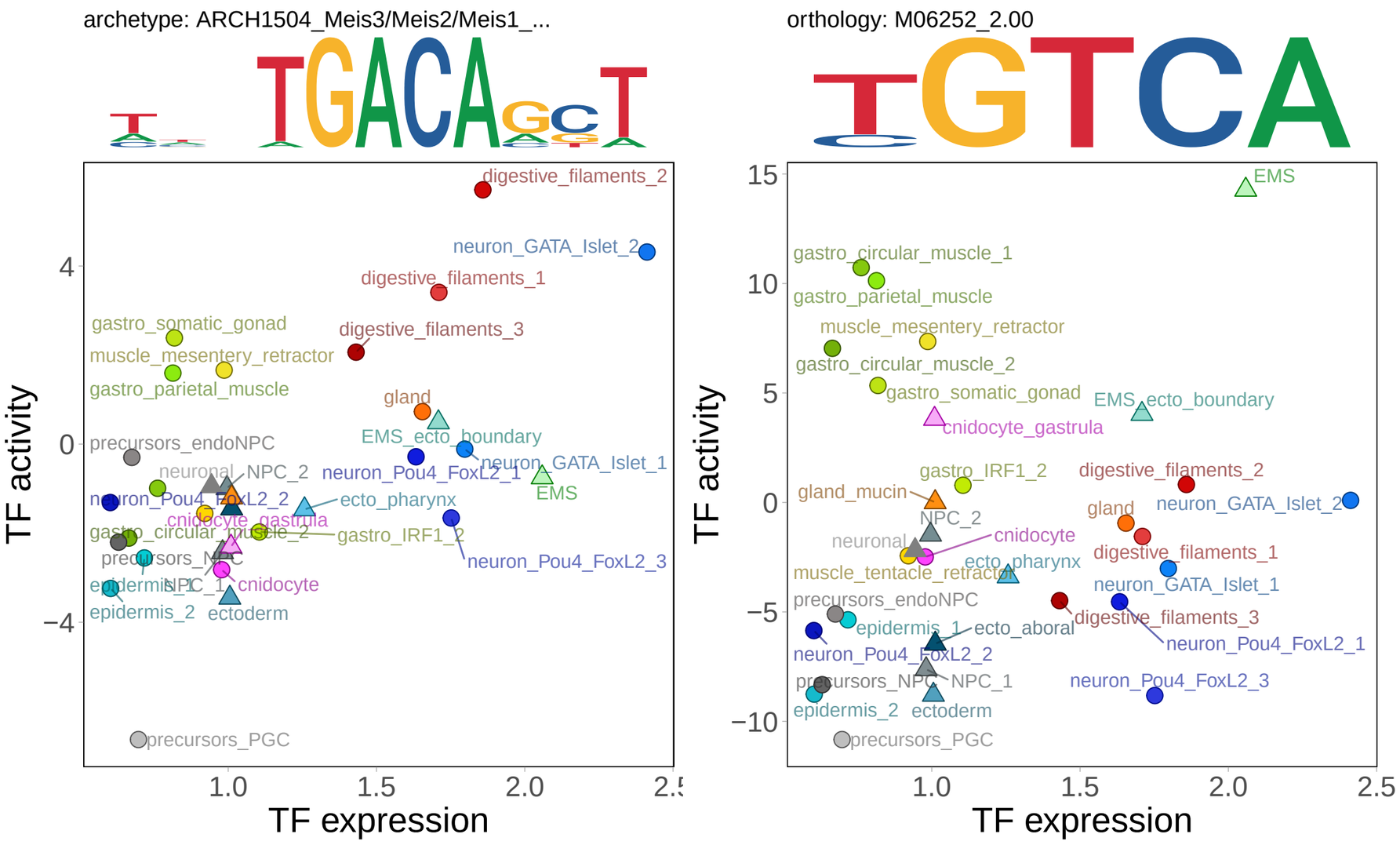




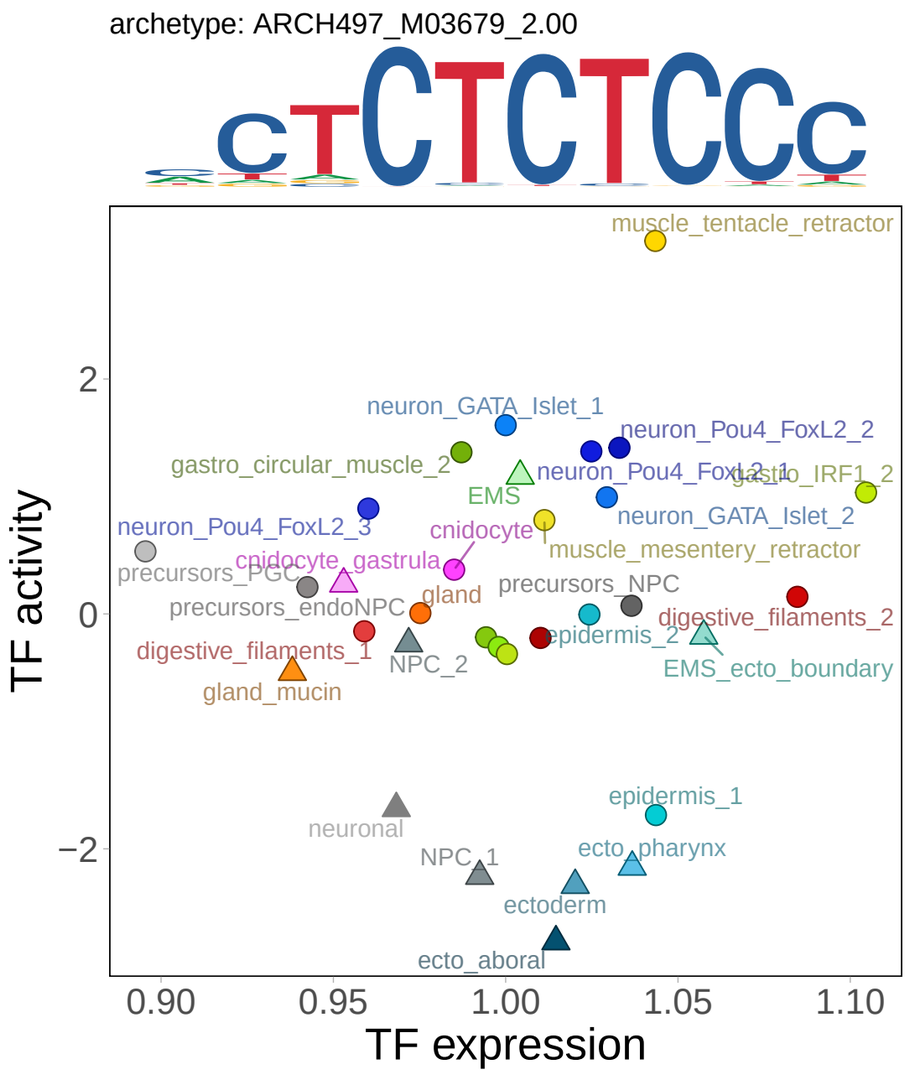
Nvec_vc1.1_XM_032376554.2
OG: zf−C2H2.HG1.17:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



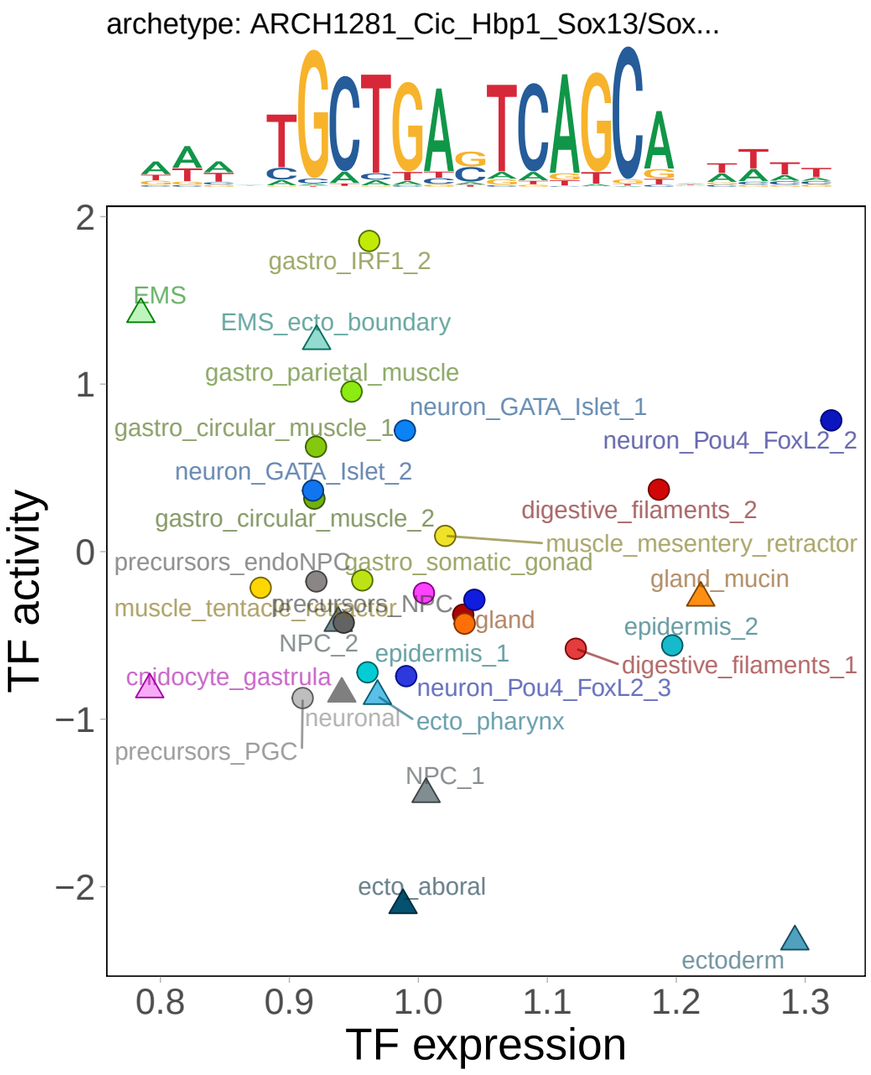
Nvec_vc1.1_XM_032376608.2
OG: Homeodomains.HG3.20:MEIS1/MEIS2/MEIS3/PKNOX1/PKNOX2
PFAM: Meis_PKNOX_N/Homeobox_KN

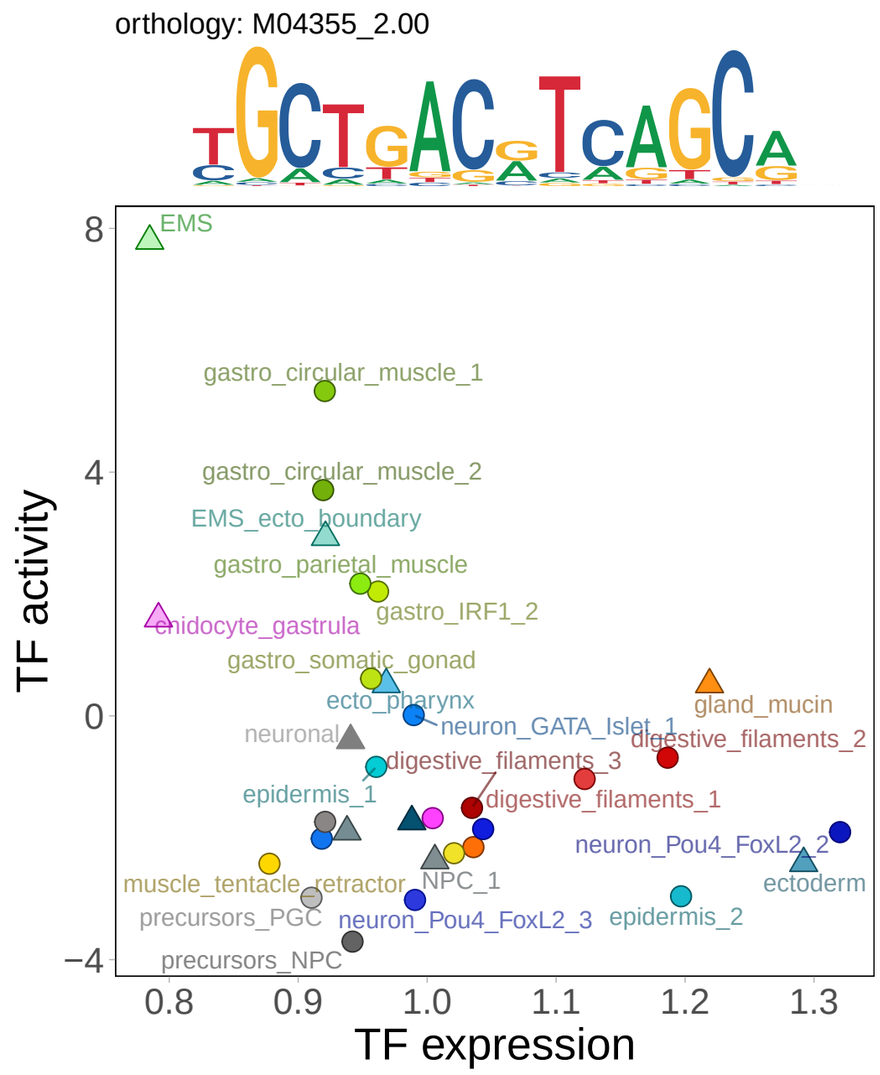


Nvec_vc1.1_XM_032376736.2
OG: zf−C2H2.HG3.23:like:HINFP/RREB1/ZFPM1
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6

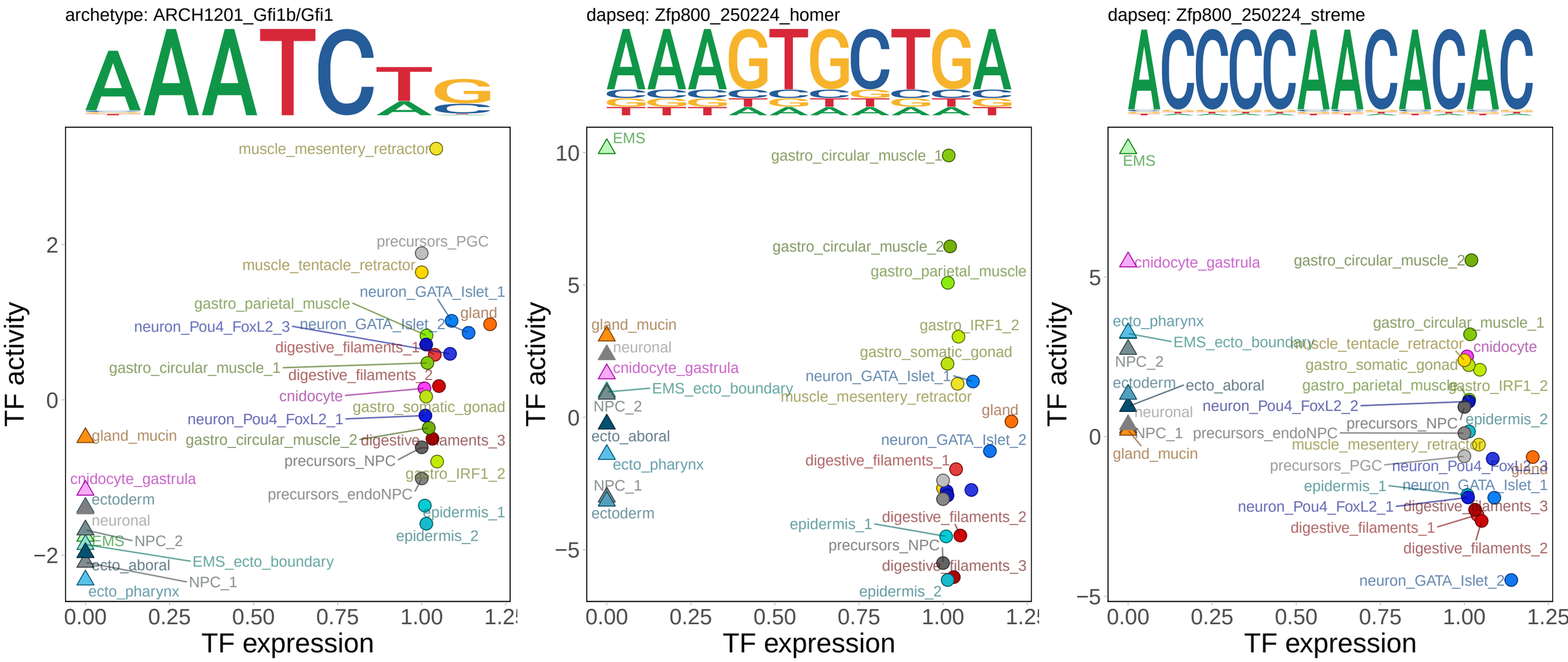


Nvec_vc1.1_XM_032376926.2
OG: bZIP.HG3.2:like:MAF/MAFA/MAFB/NRL
PFAM: bZIP_Maf

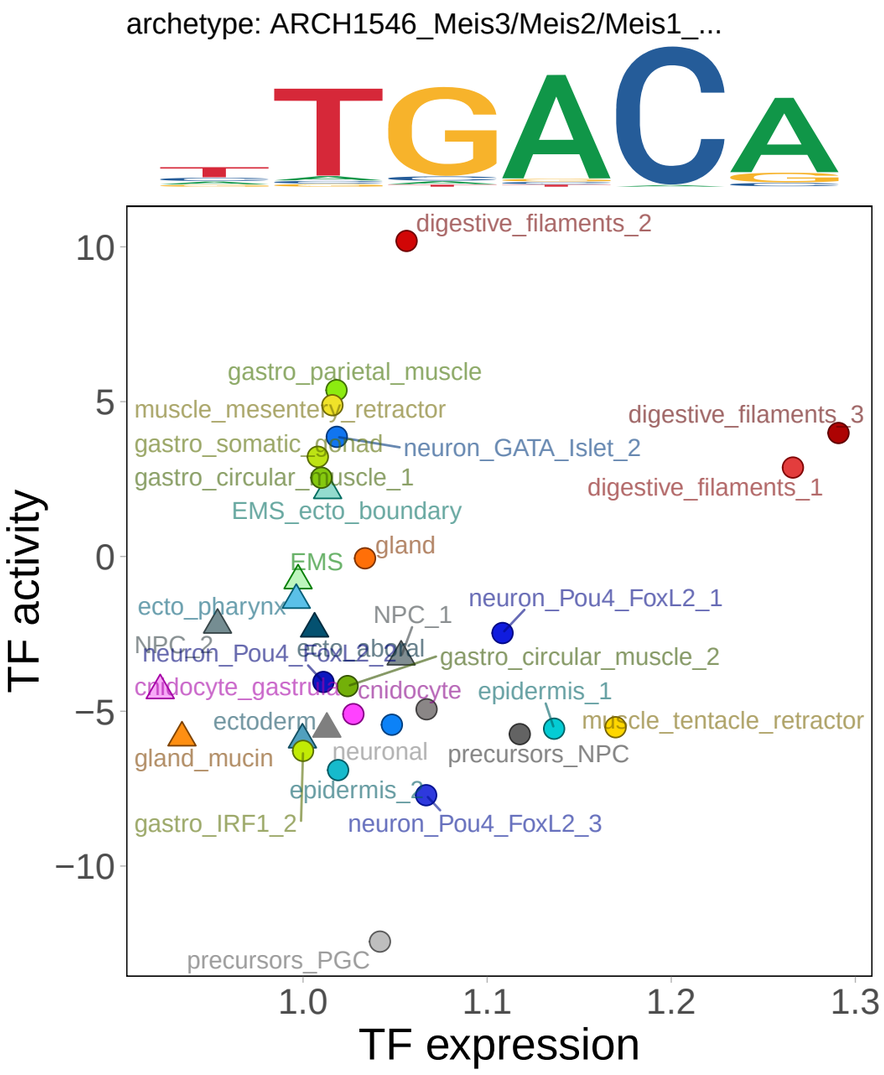


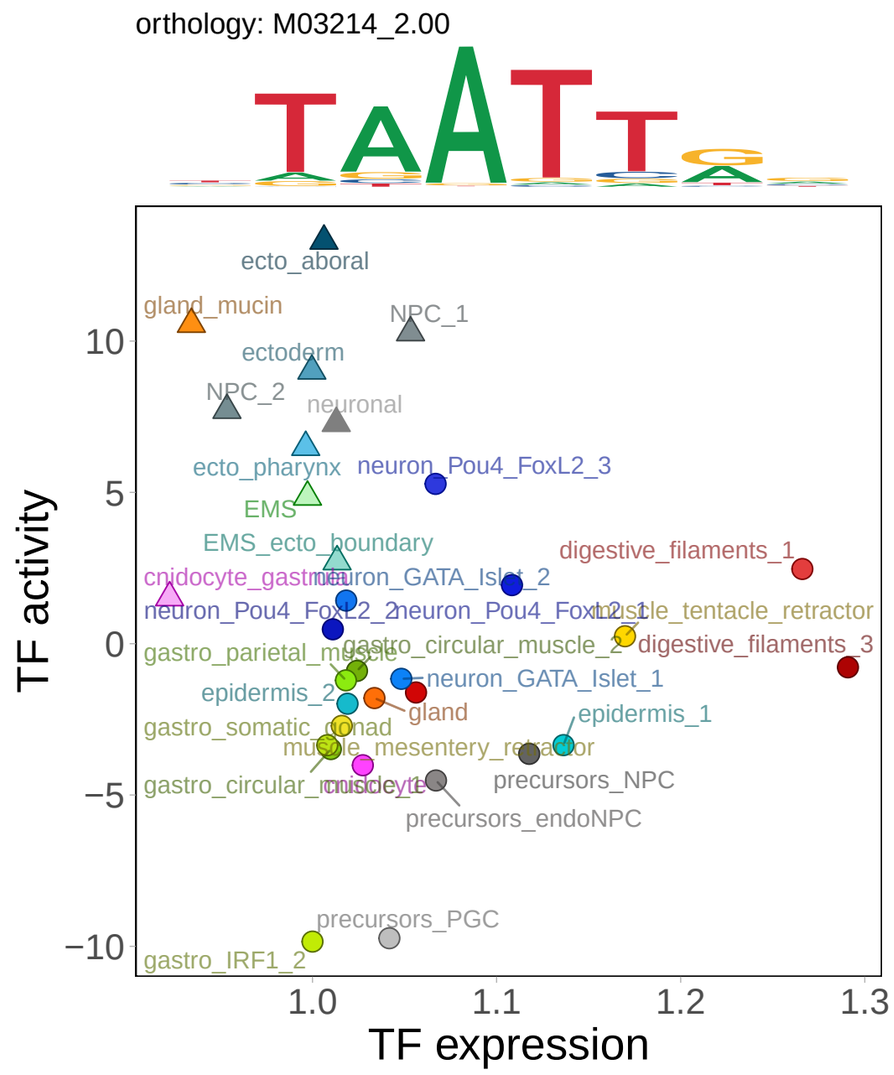


Nvec_vc1.1_XM_032376930.1
OG: zf−C2H2.HG130.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

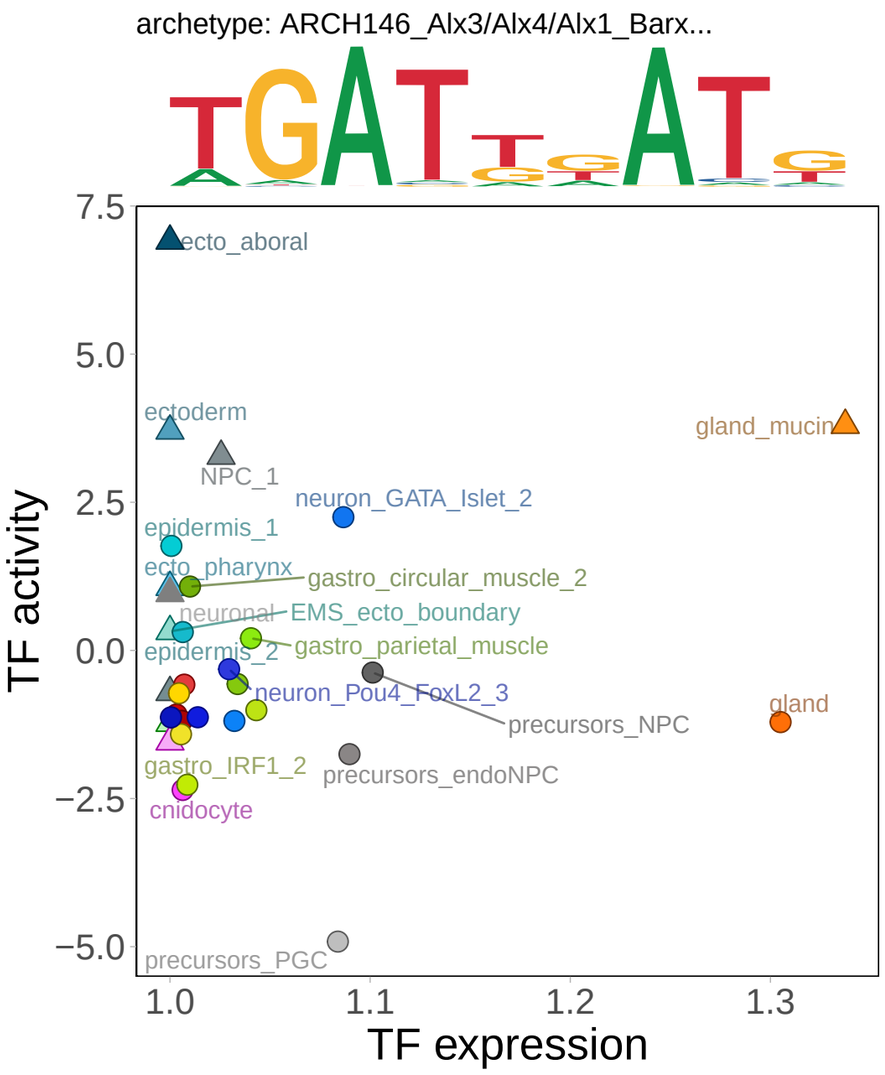


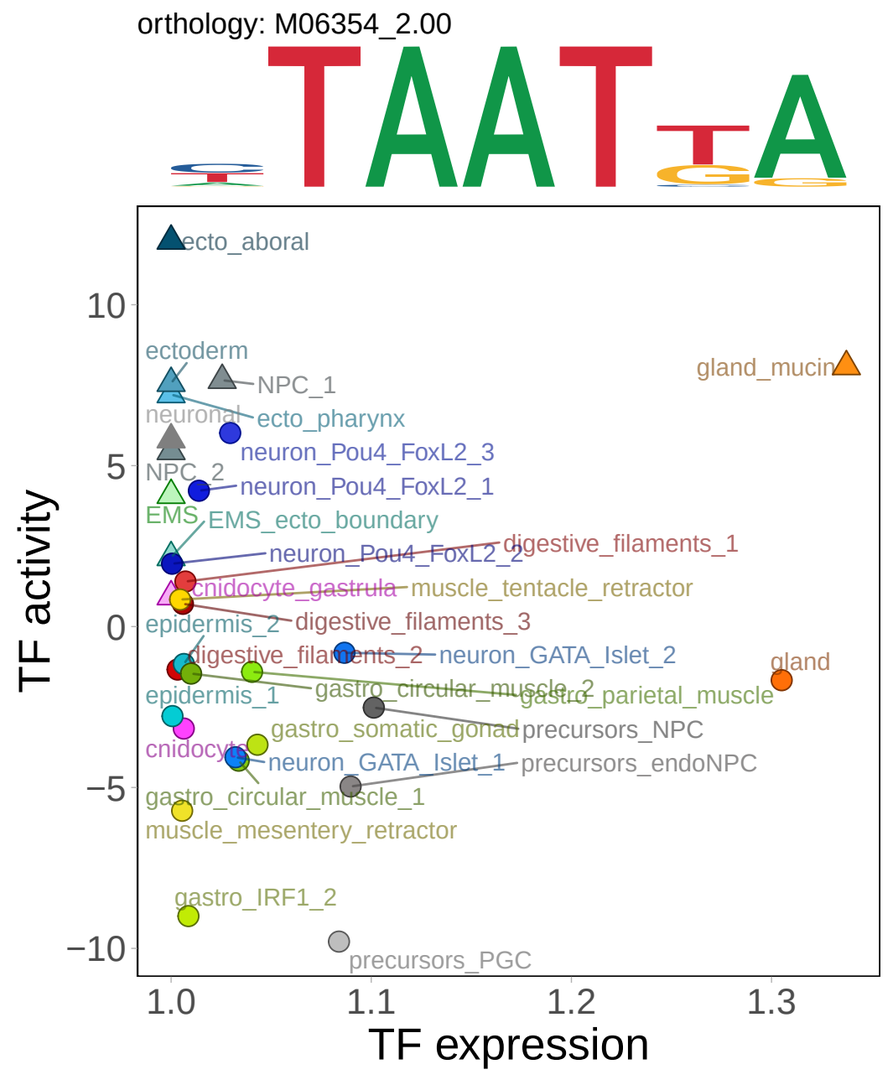
Nvec_vc1.1_XM_032376939.2
OG: Homeodomains.HG2.15:LEUTX
PFAM: CUT/Homeodomain/Homeodomain



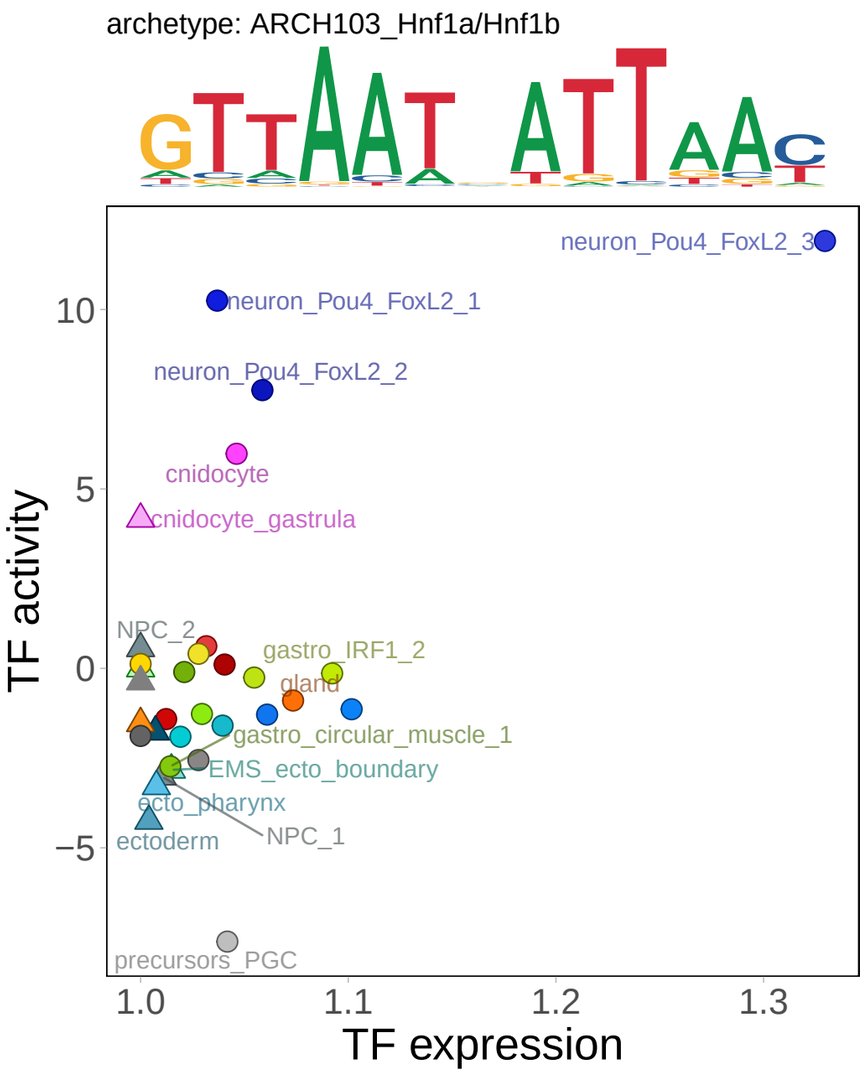


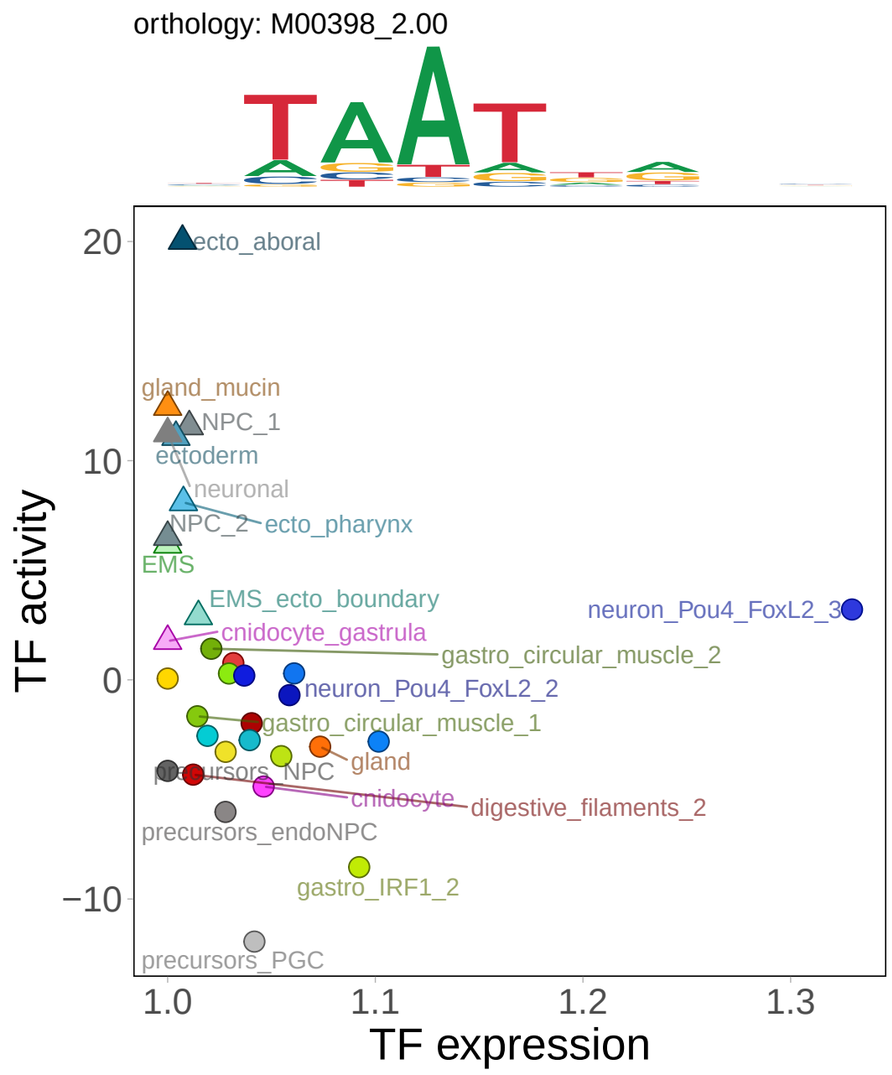
Nvec_vc1.1_XM_032377135.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain



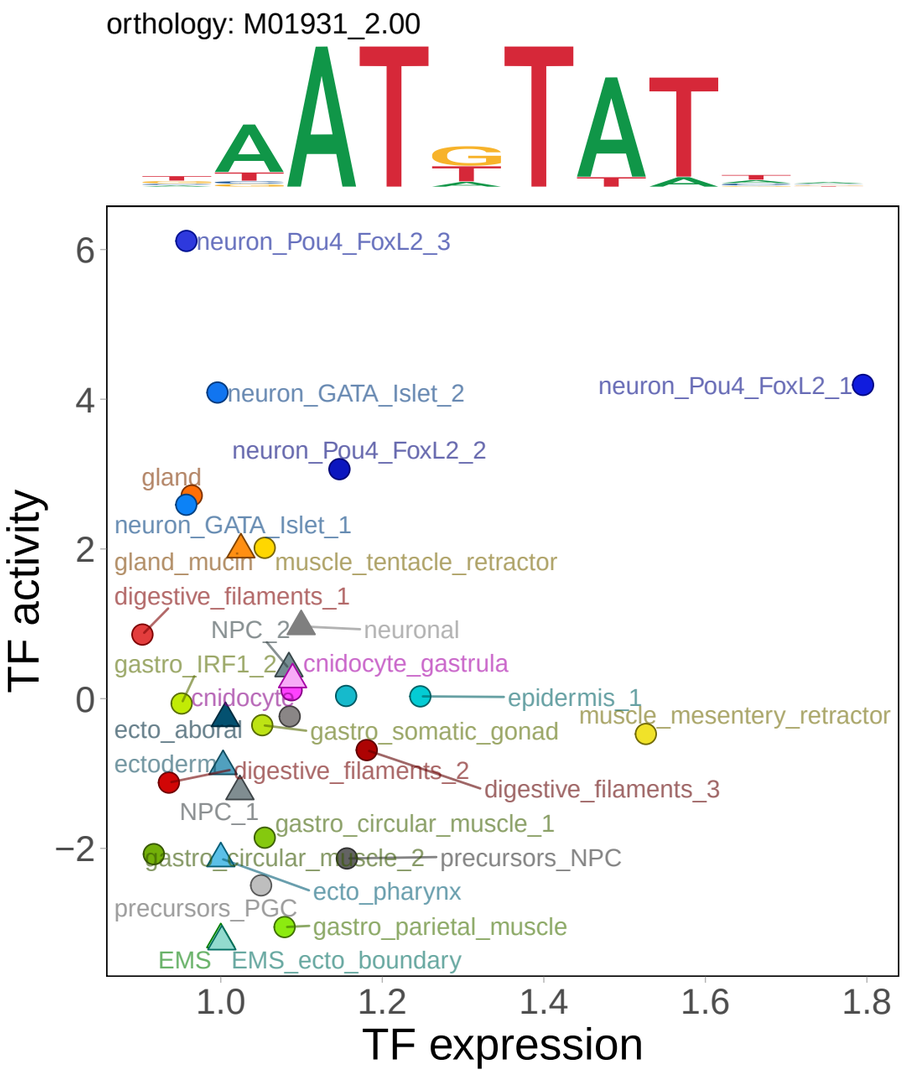


Nvec_vc1.1_XM_032377390.2
OG: Homeodomains.HG1.42:VAX1/VAX2
PFAM: Homeodomain

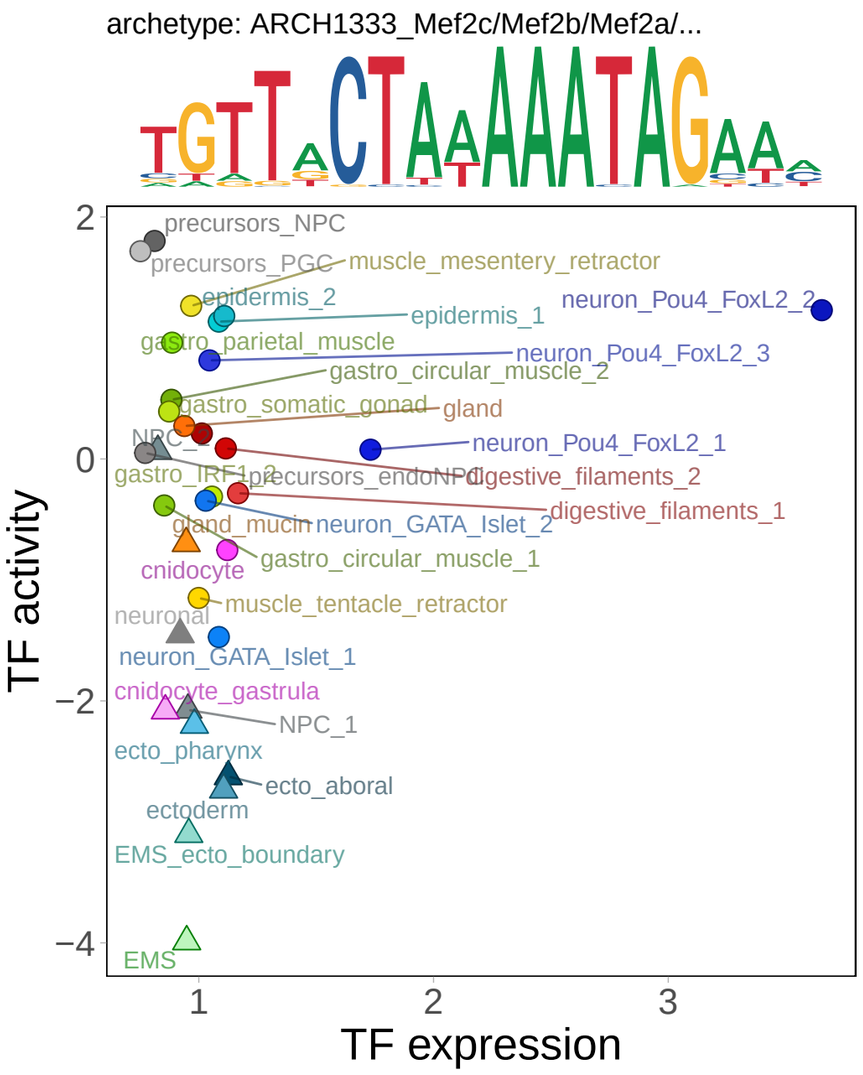


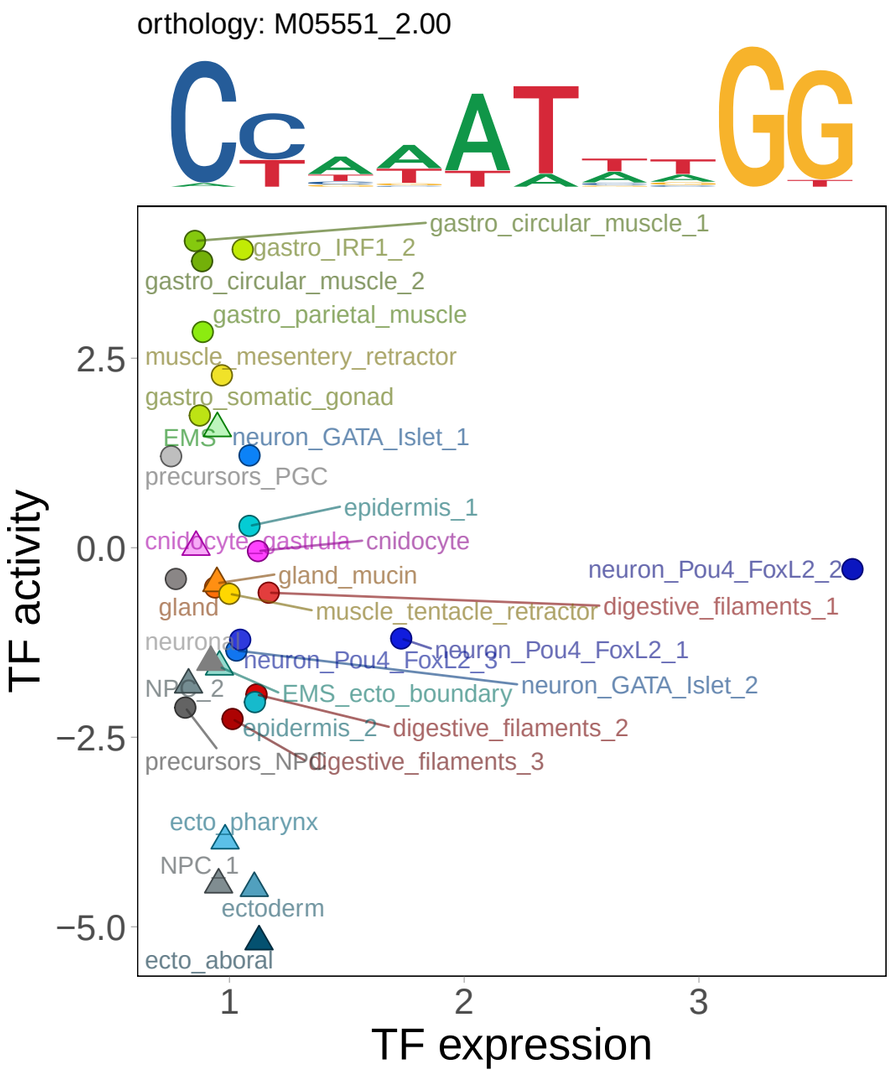


Nvec_vc1.1_XM_032377759.2
OG: Doublesex_DM.HG1.16:like:DMRT1/DMRT2/DMRT3/DMRTA1/DMRTA2/DMRTB1
PFAM: DM/DMA

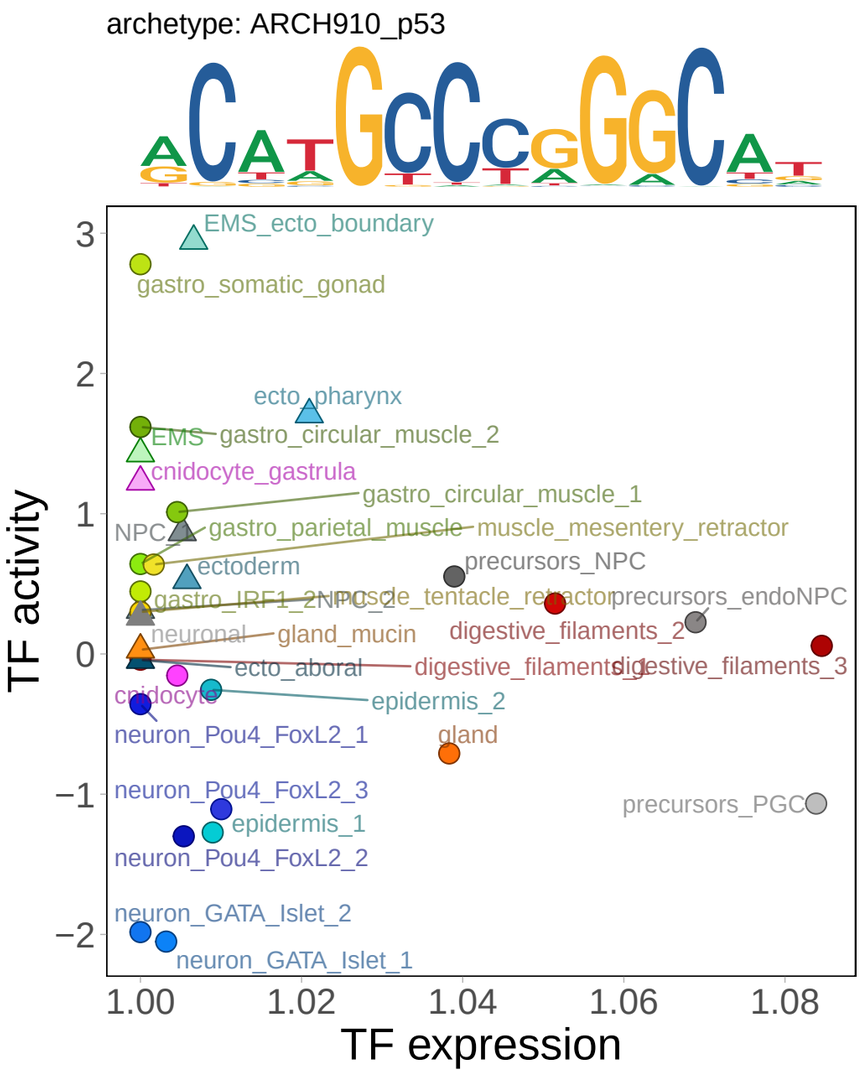


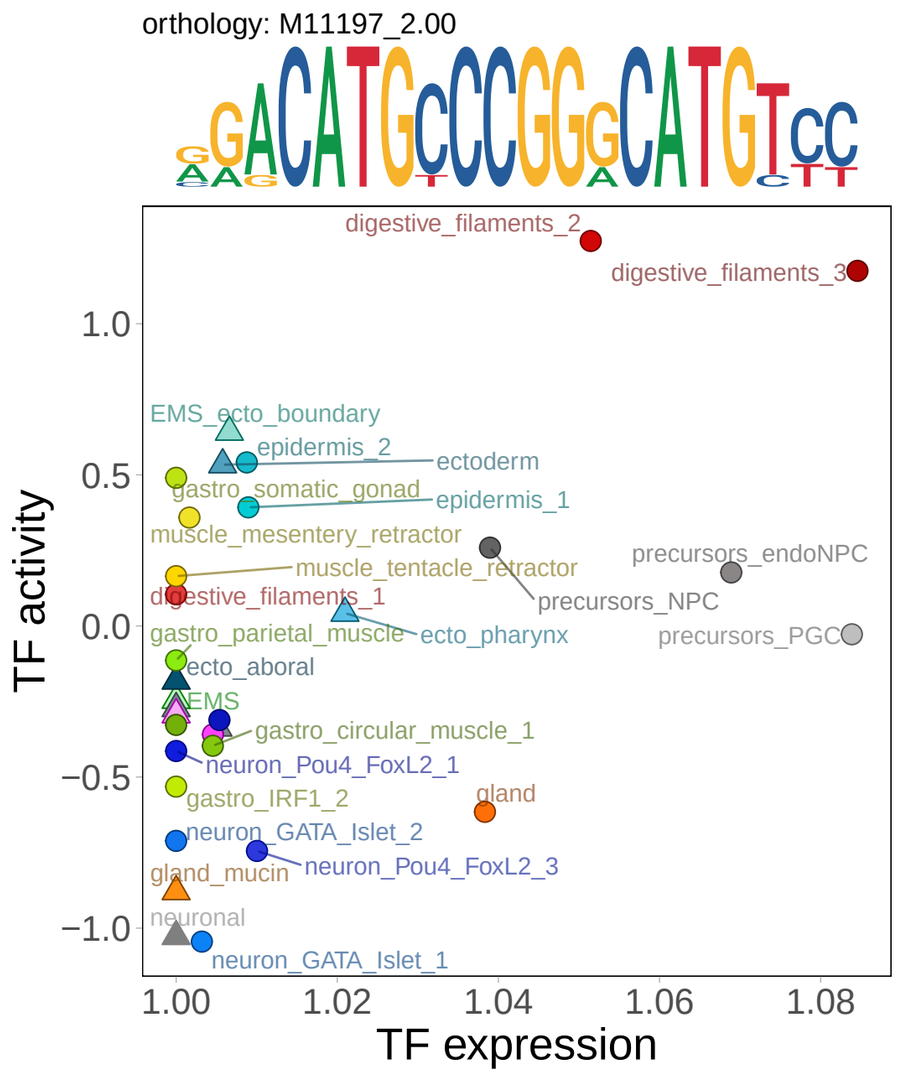
Nvec_vc1.1_XM_032377792.2
OG: MADS−box_SRF.HG1.2:BORCS8−MEF2B/MEF2A/MEF2B/MEF2C/MEF2D
PFAM: SRF−TF/HJURP_C



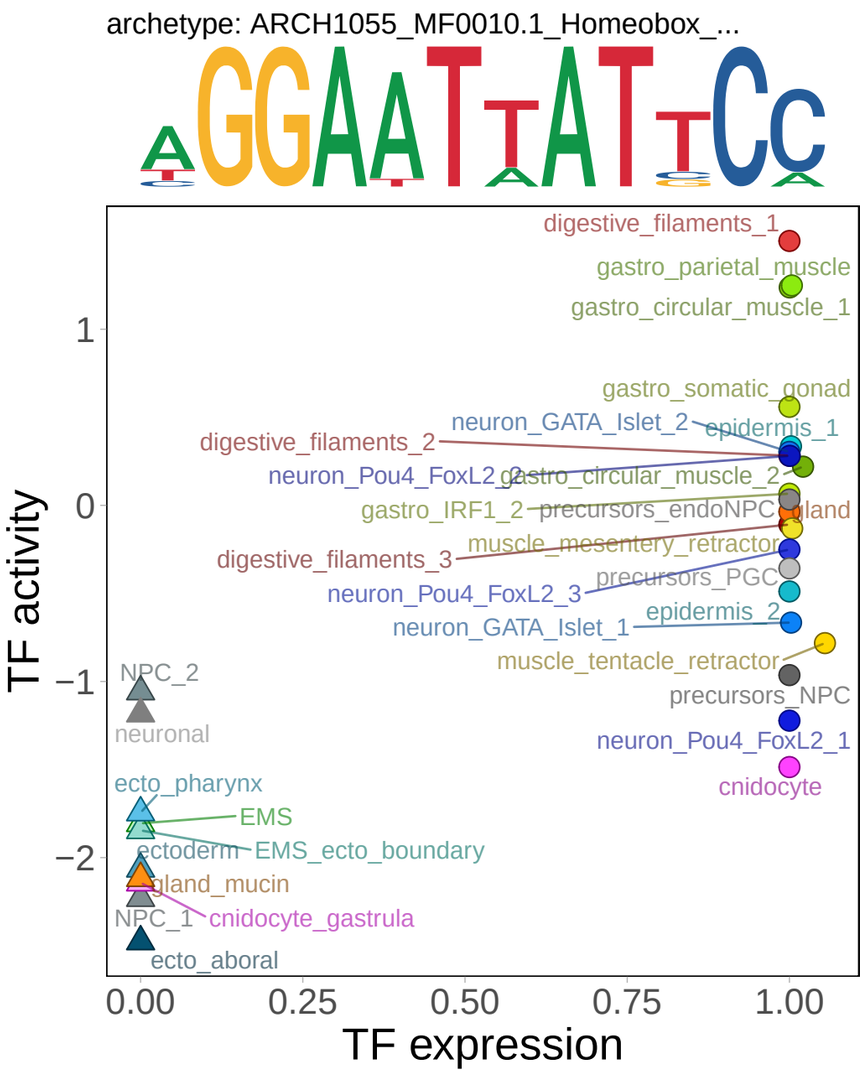


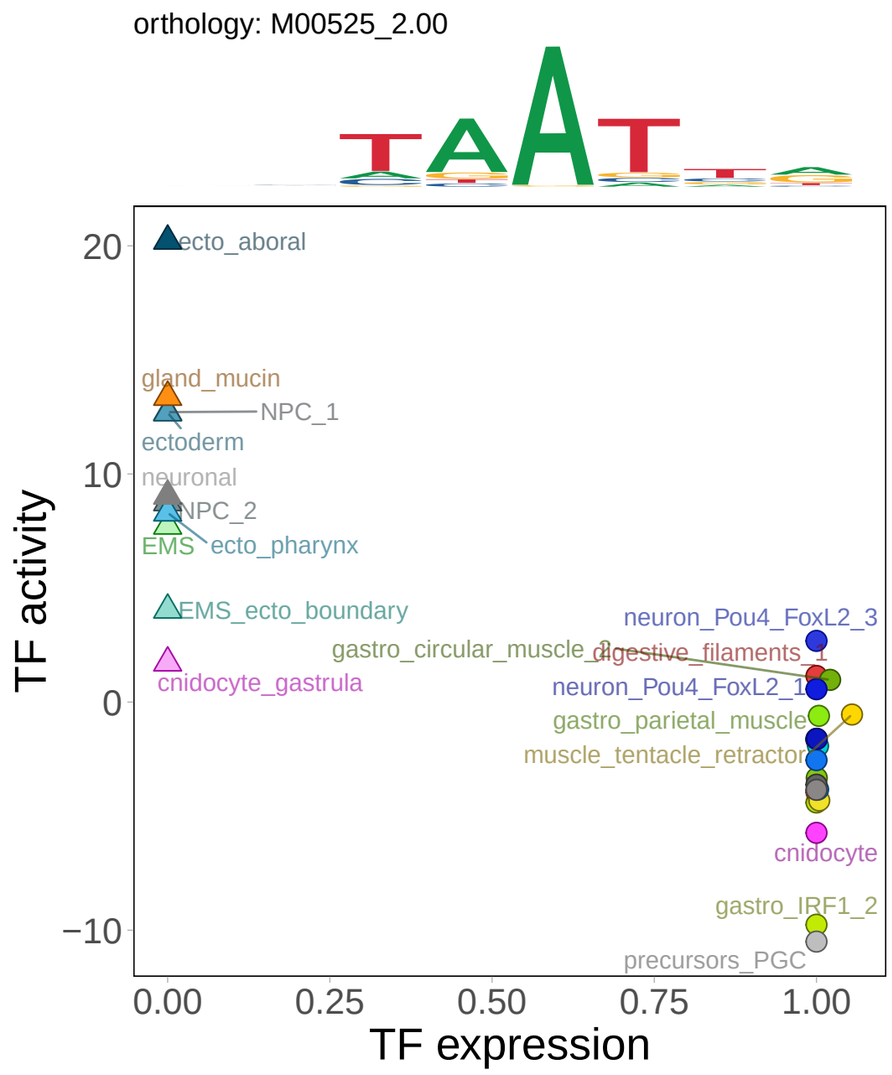
Nvec_vc1.1_XM_032377883.2
OG: P53.HG1.6:like:TP53/TP63/TP73
PFAM: P53



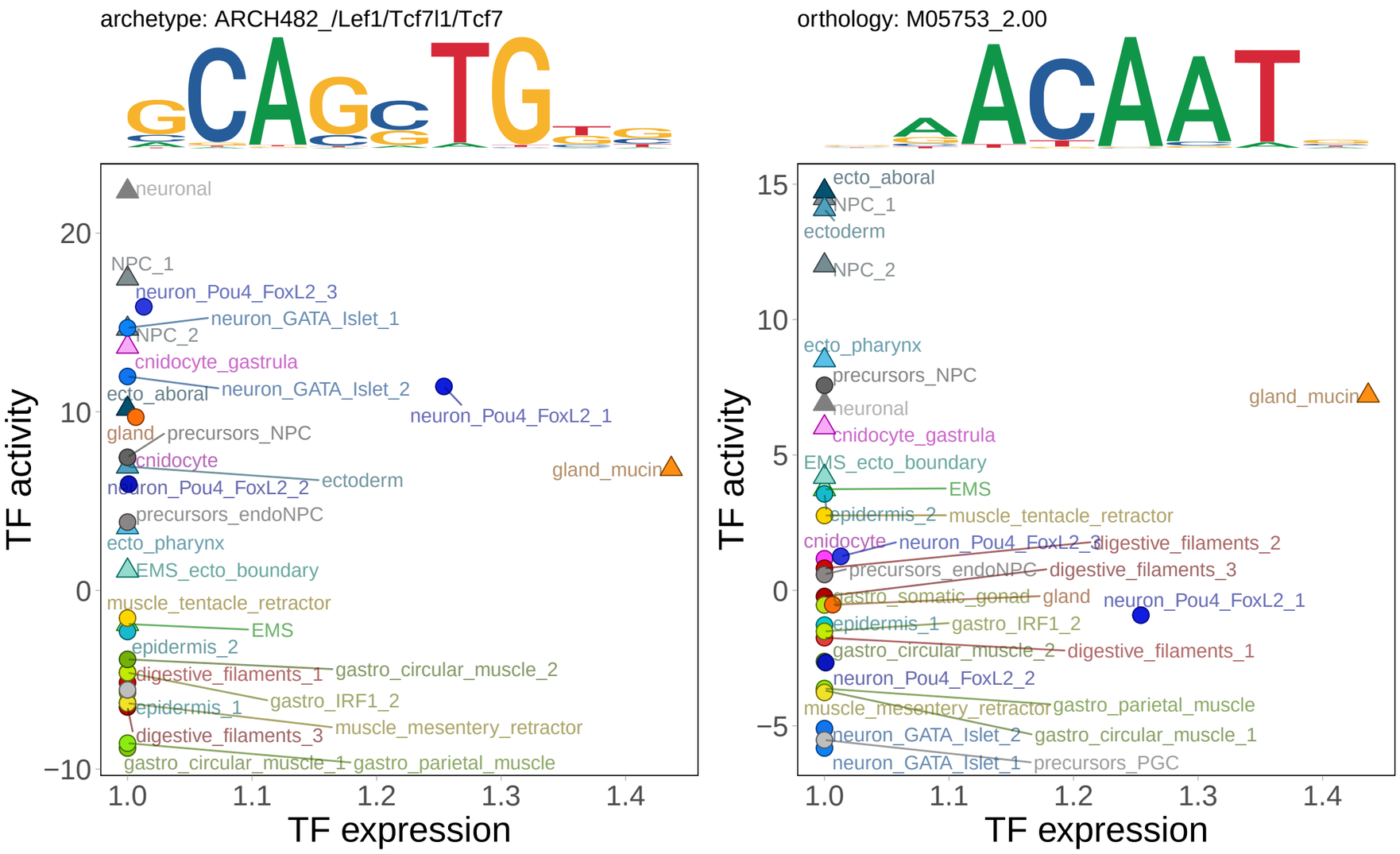


Nvec_vc1.1_XM_032378000.2
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/CDX2/CDX4/DLX1/DL
PFAM: Homeodomain

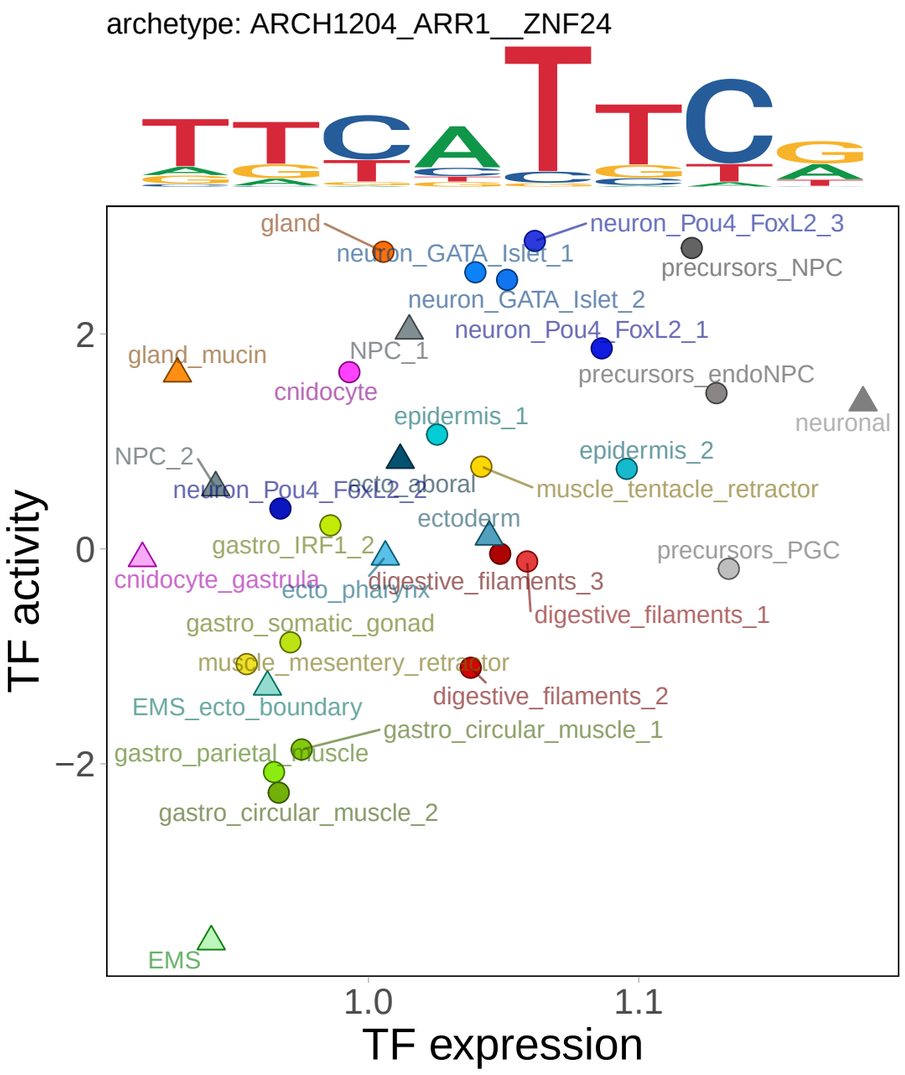




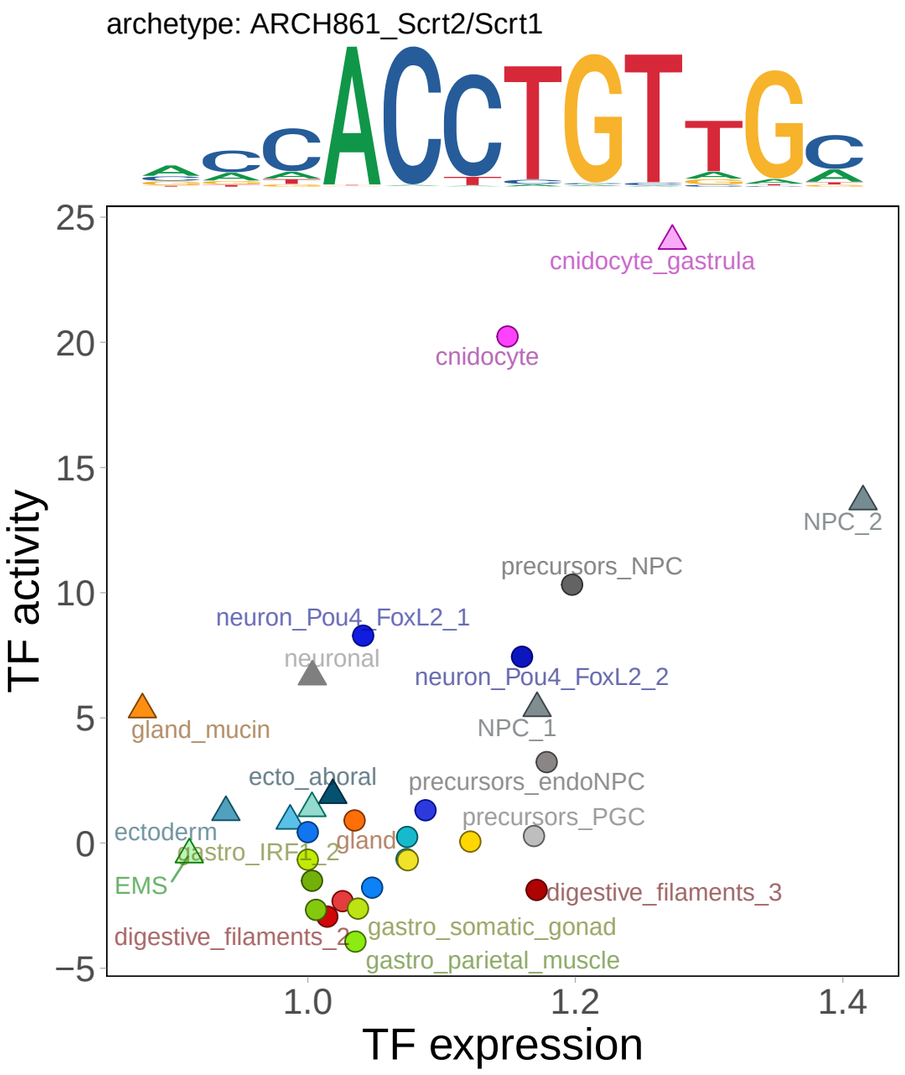
Nvec_vc1.1_XM_032378152.2
OG: HMGbox_Sox.HG1.1:SOX30
PFAM: HMG_box



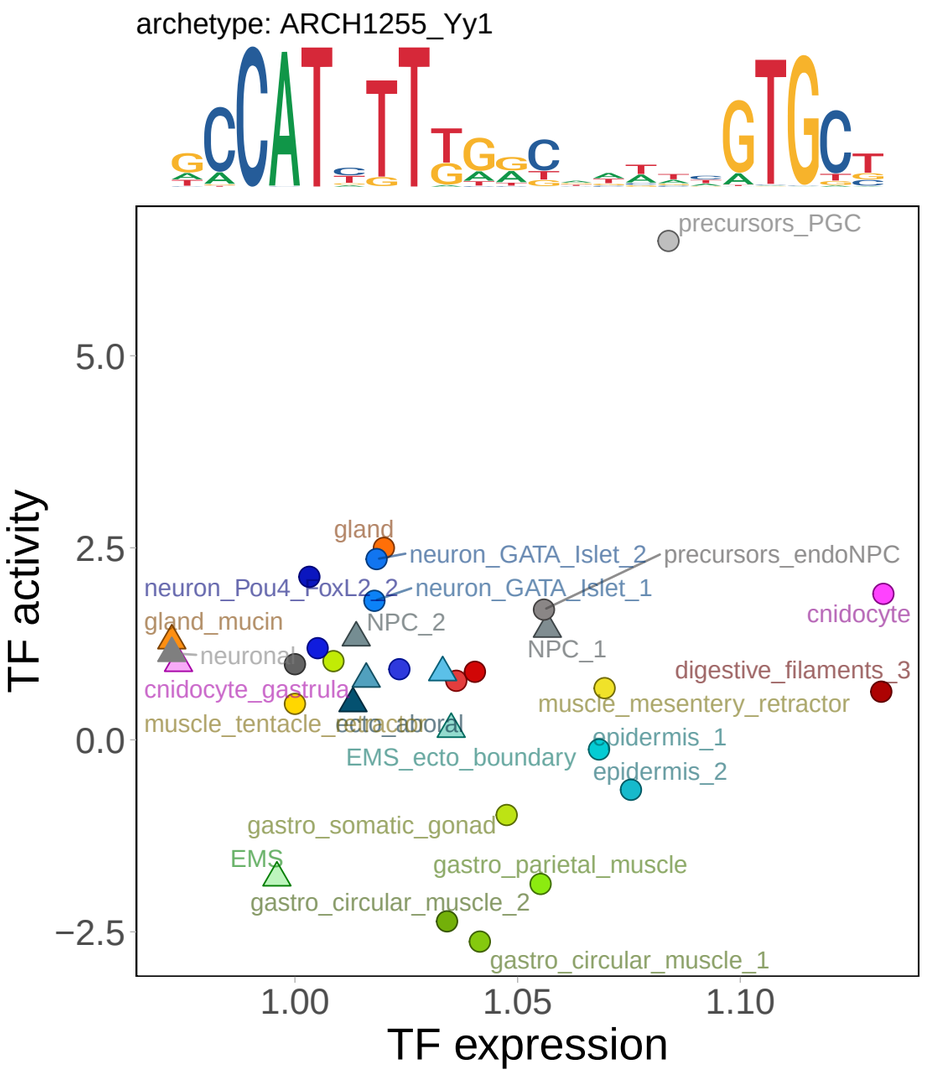
Nvec_vc1.1_XM_032378255.2
OG: zf−C2H2.HG105.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



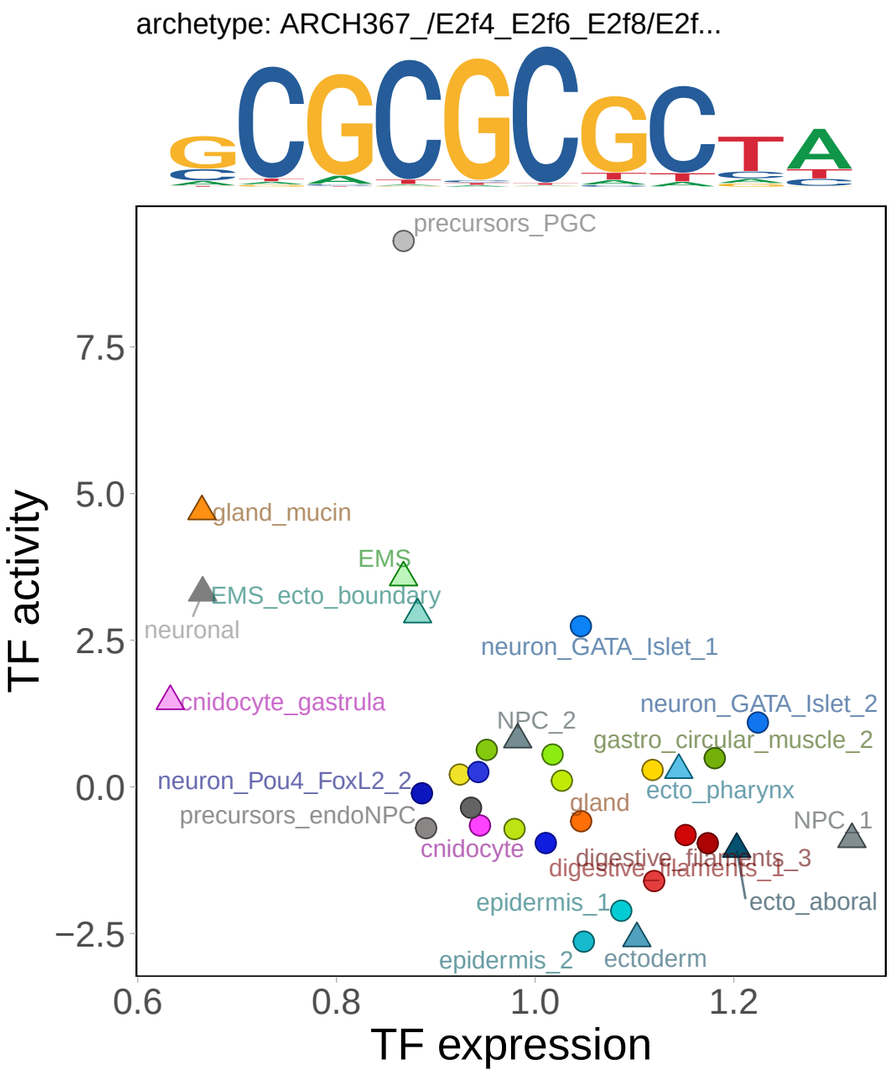
Nvec_vc1.1_XM_032378312.2
OG: zf−C2H2.HG119.1:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

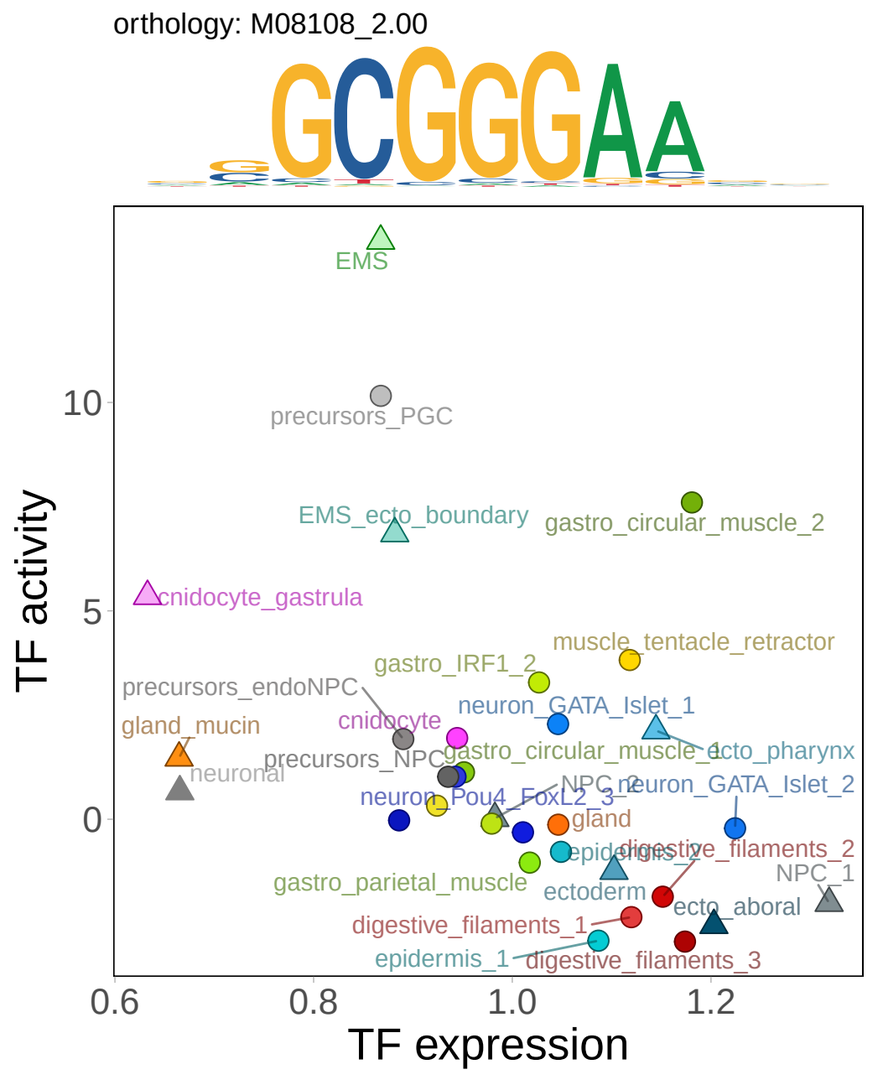


Nvec_vc1.1_XM_032378323.2
OG: zf−C2H2.HG9.0:PLAGL1/PLAGL2/ZBTB12/ZNF550/ZNF559−ZNF177/ZNF580
PFAM: zf−C2H2/zf−C2H2

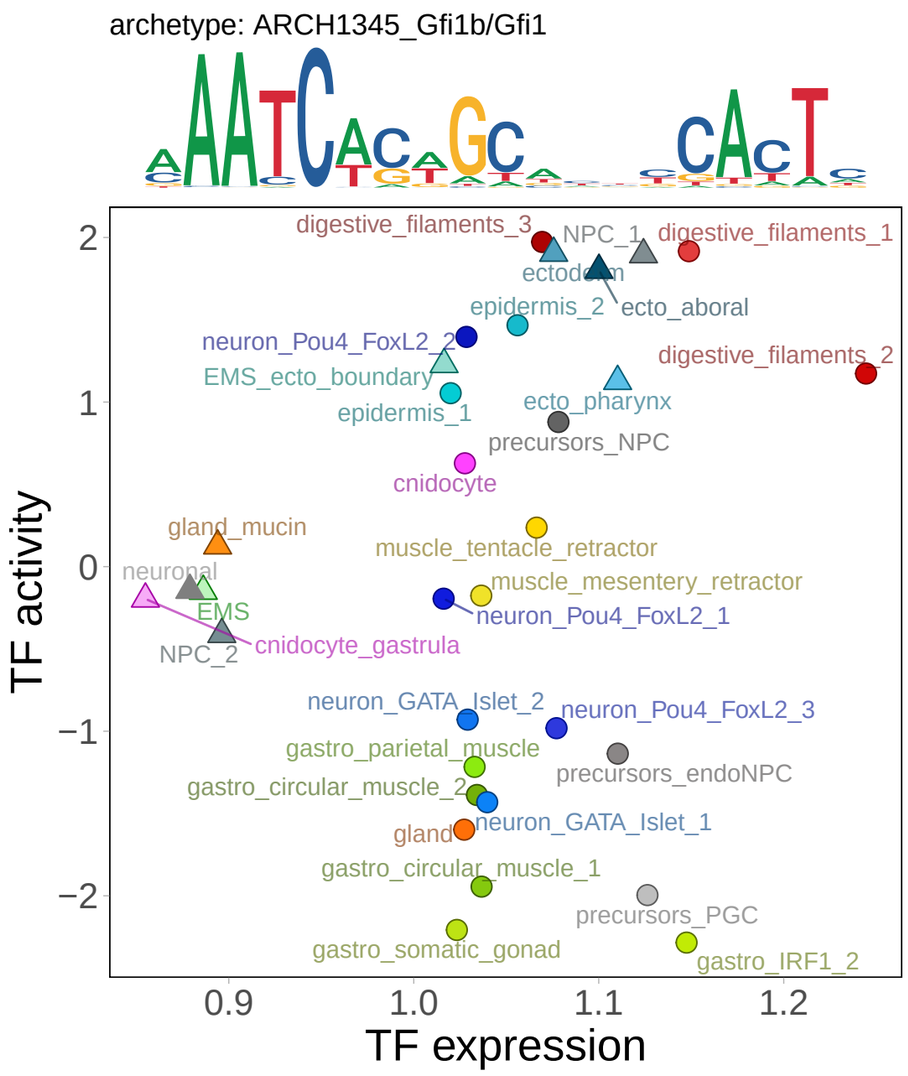


Nvec_vc1.1_XM_032378402.2
OG: E2F_TDP.HG1.1:TFDP1/TFDP2/TFDP3
PFAM: E2F_TDP/DP

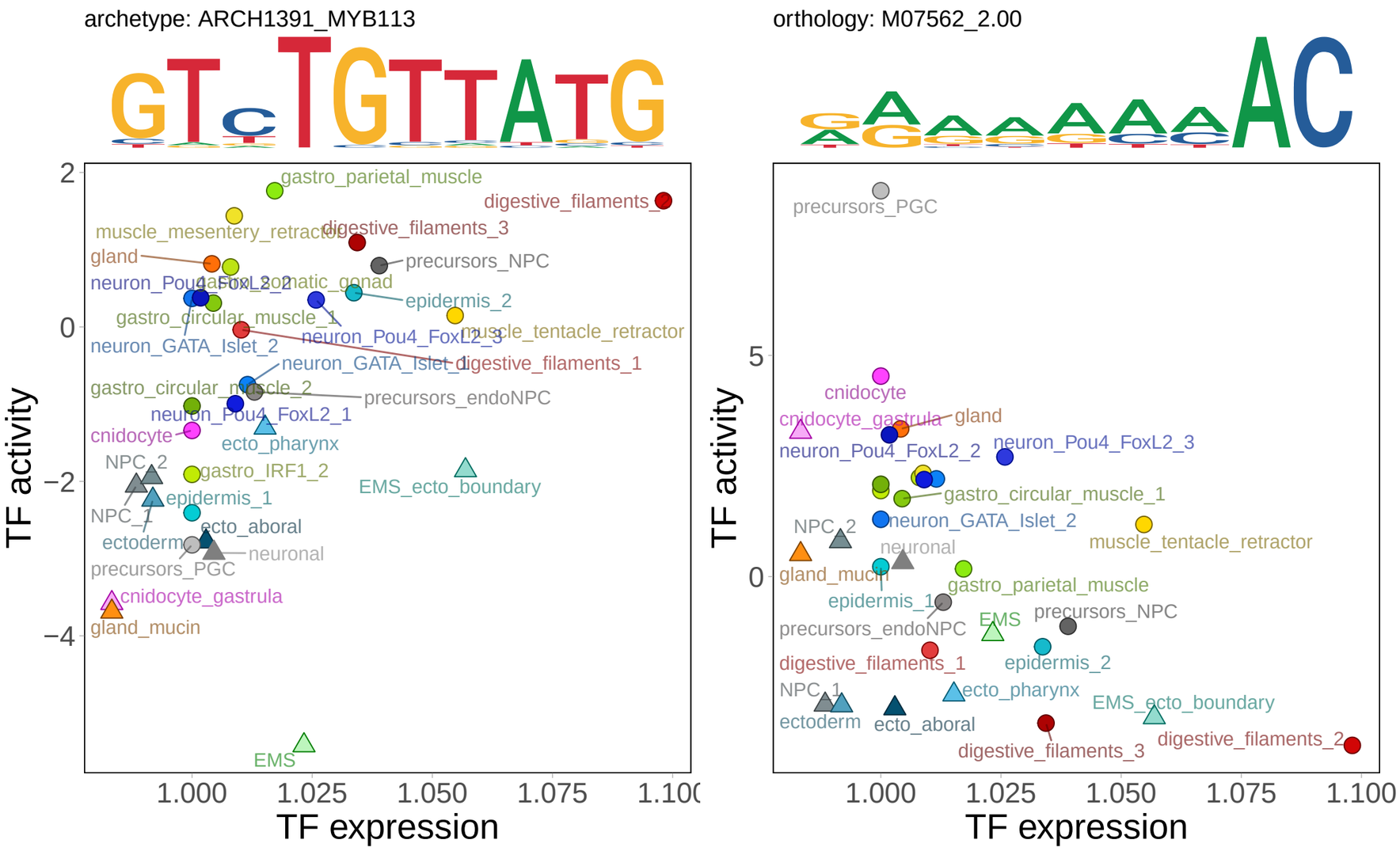




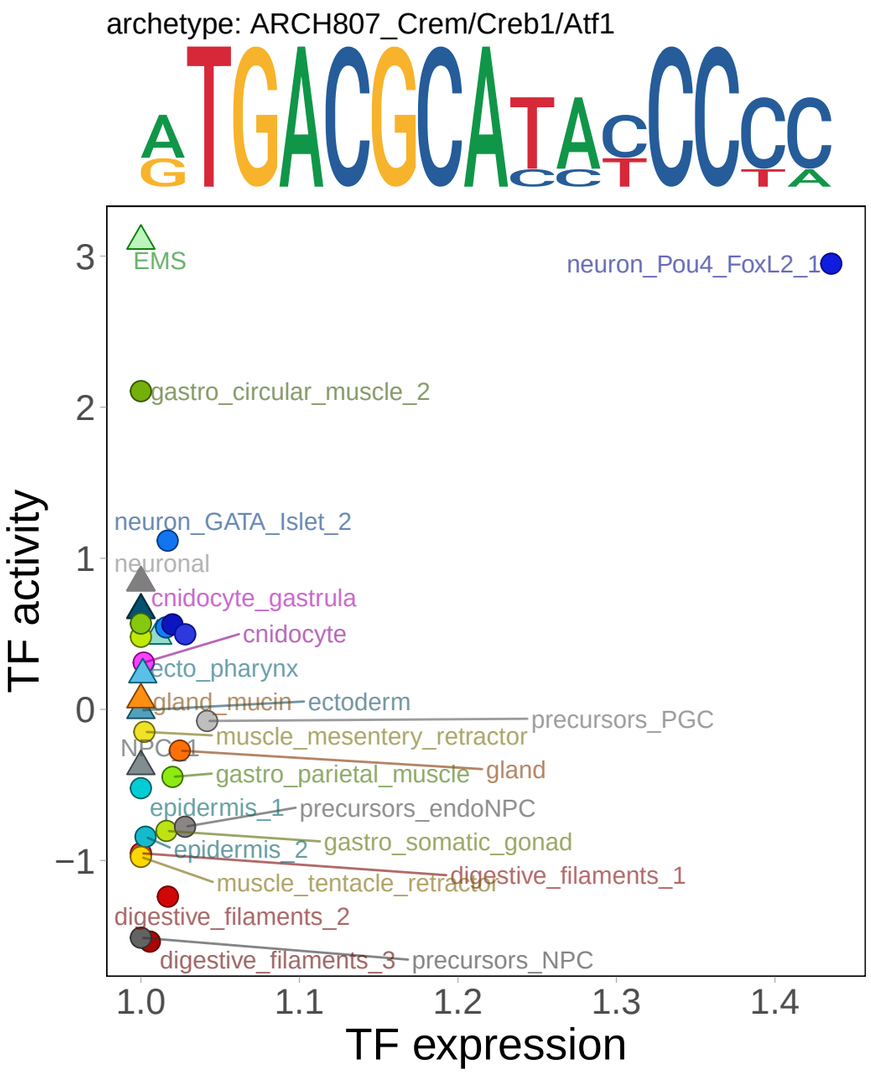
Nvec_vc1.1_XM_032378403.2
OG: zf−C2H2.HG1.209:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

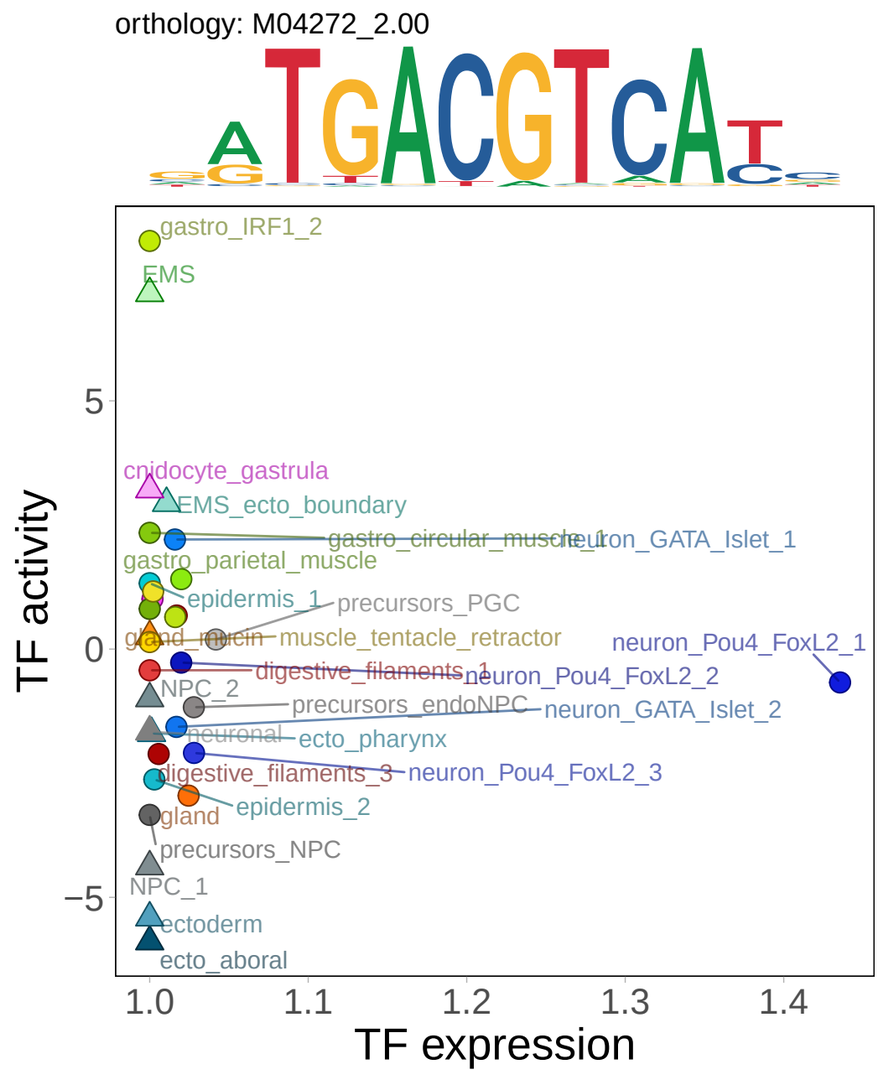


Nvec_vc1.1_XM_032378442.2
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN29/ZSCAN32
PFAM: Myb_DNA−bind_4

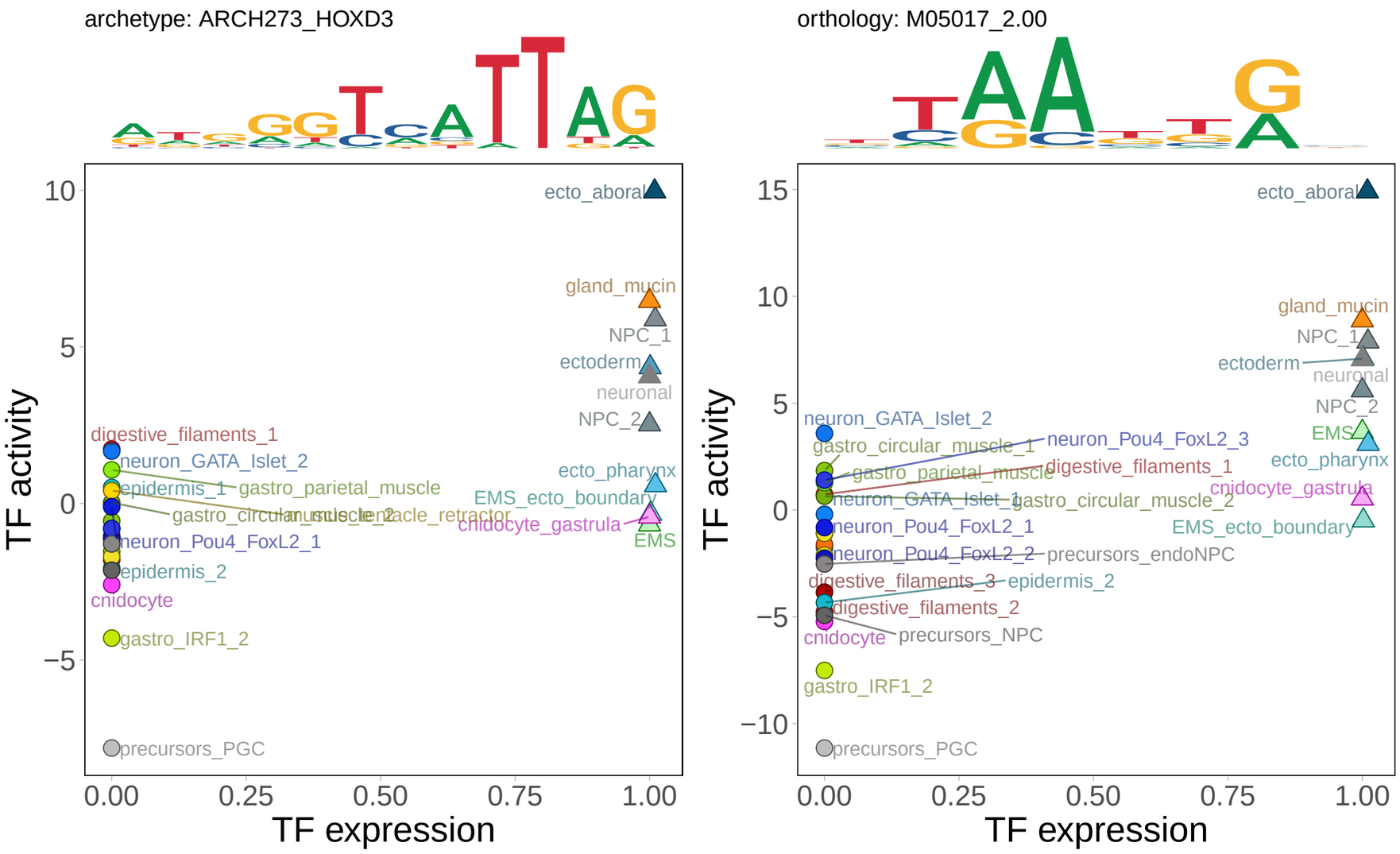


Nvec_vc1.1_XM_032378649.2
OG: bZIP.HG1.10:like:ATF3/FOS/FOSB/FOSL1/FOSL2/JDP2
PFAM: bZIP_1

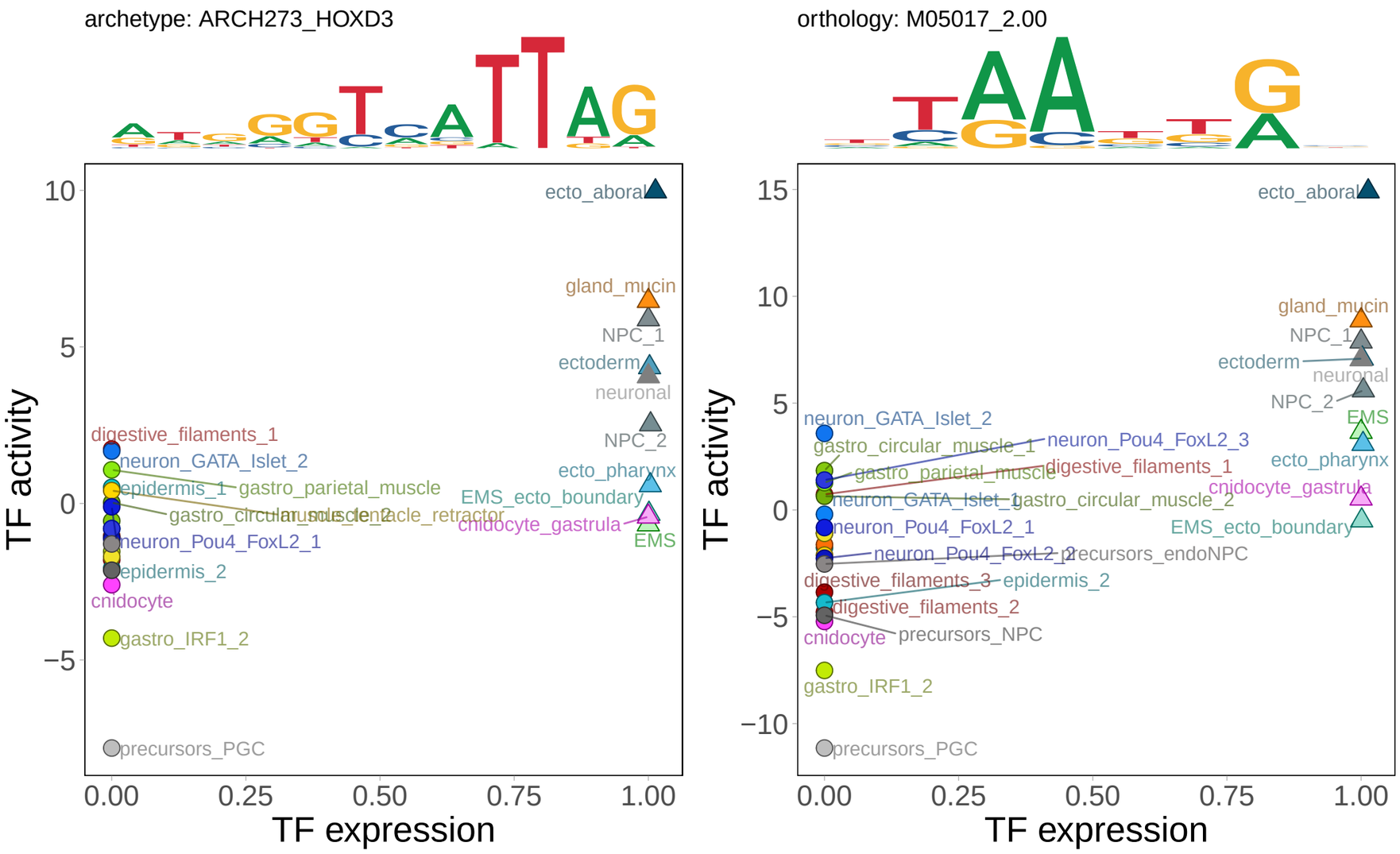




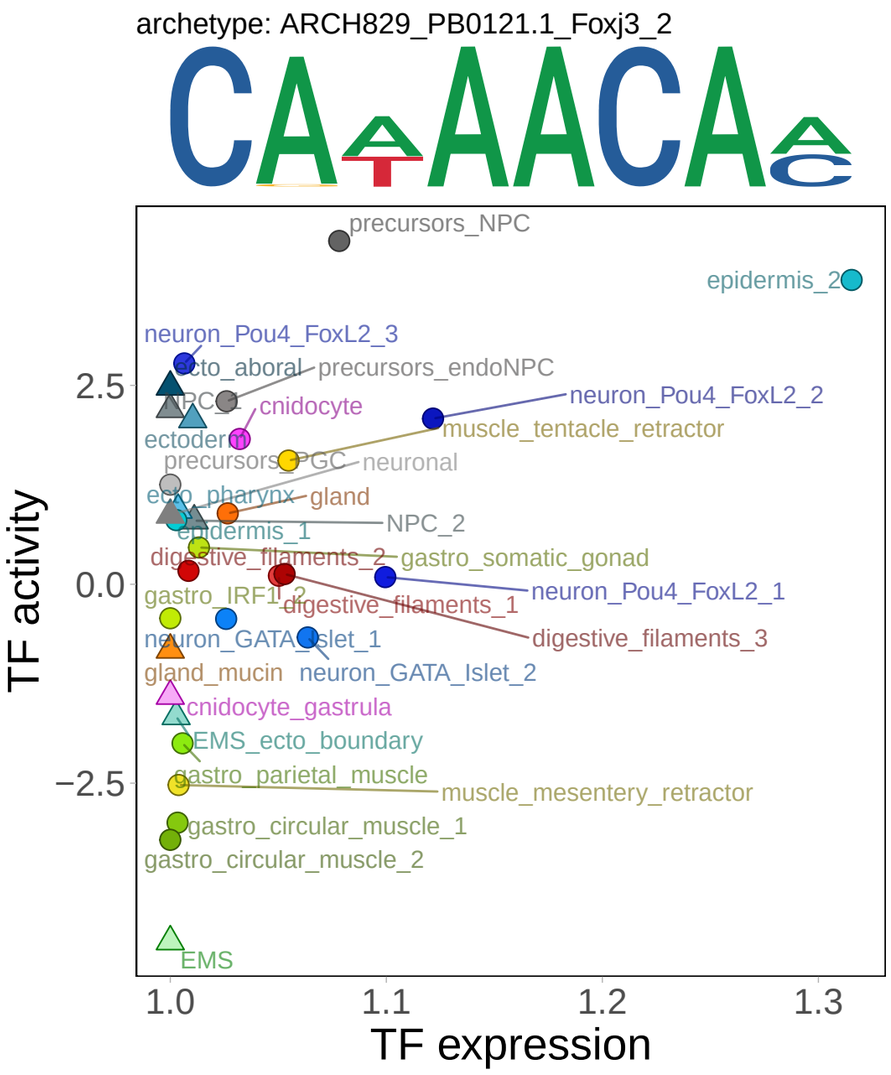
Nvec_vc1.1_XM_032378769.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/
PFAM: Homeodomain

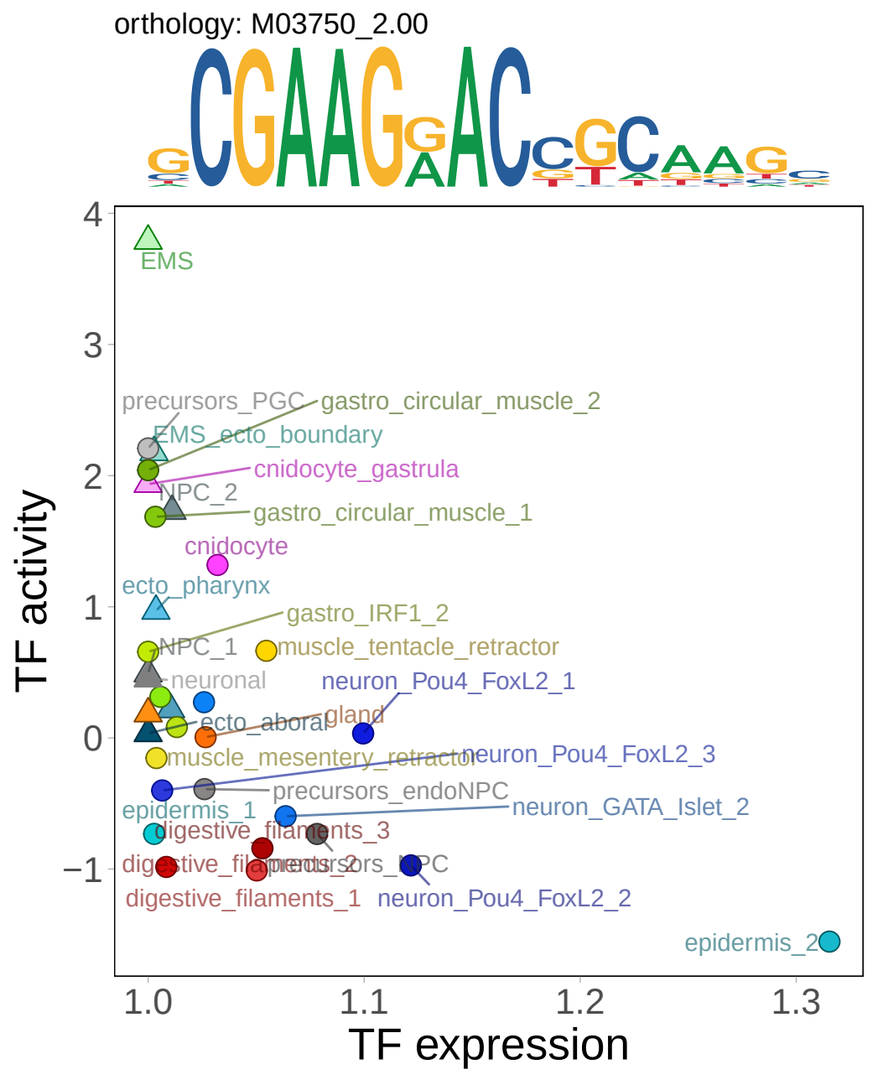


Nvec_vc1.1_XM_032378779.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/
PFAM: Homeodomain



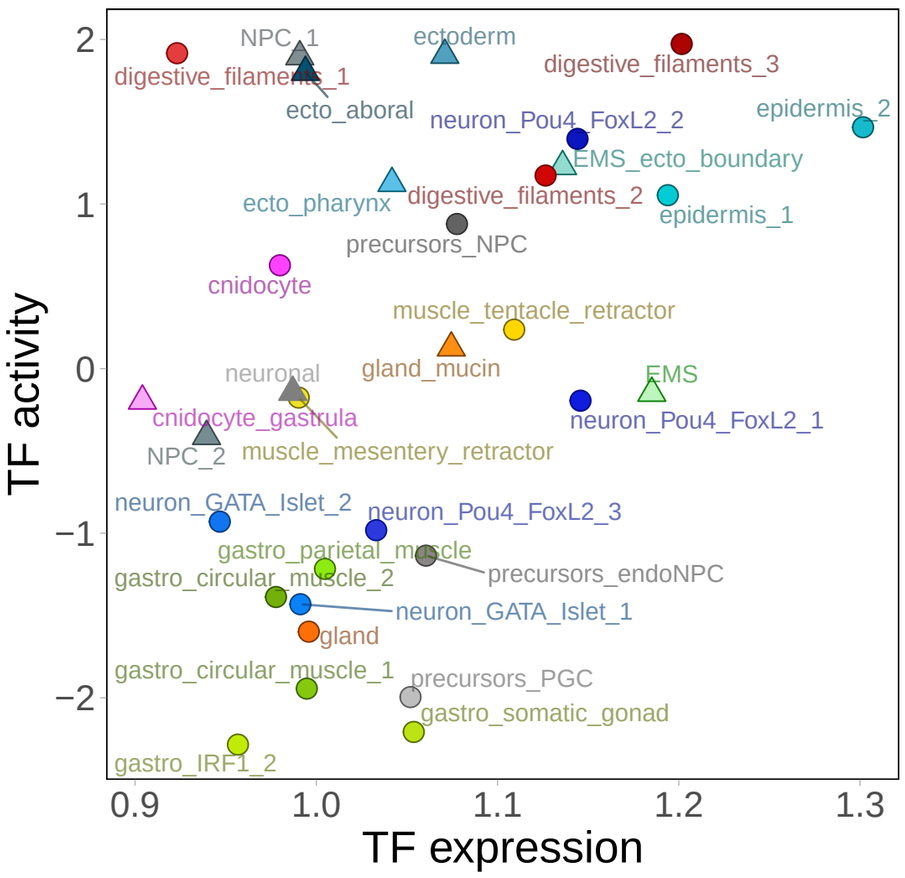
Nvec_vc1.1_XM_032378839.2
OG: Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2
PFAM: Forkhead



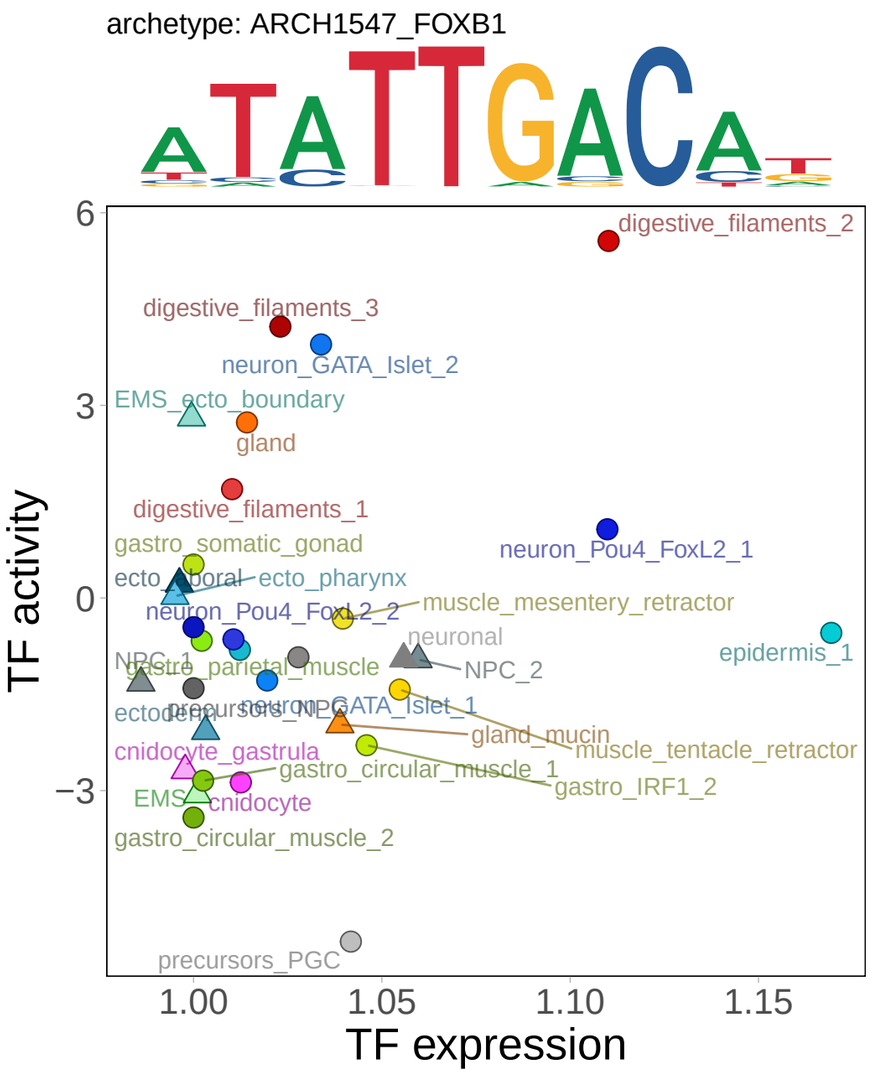


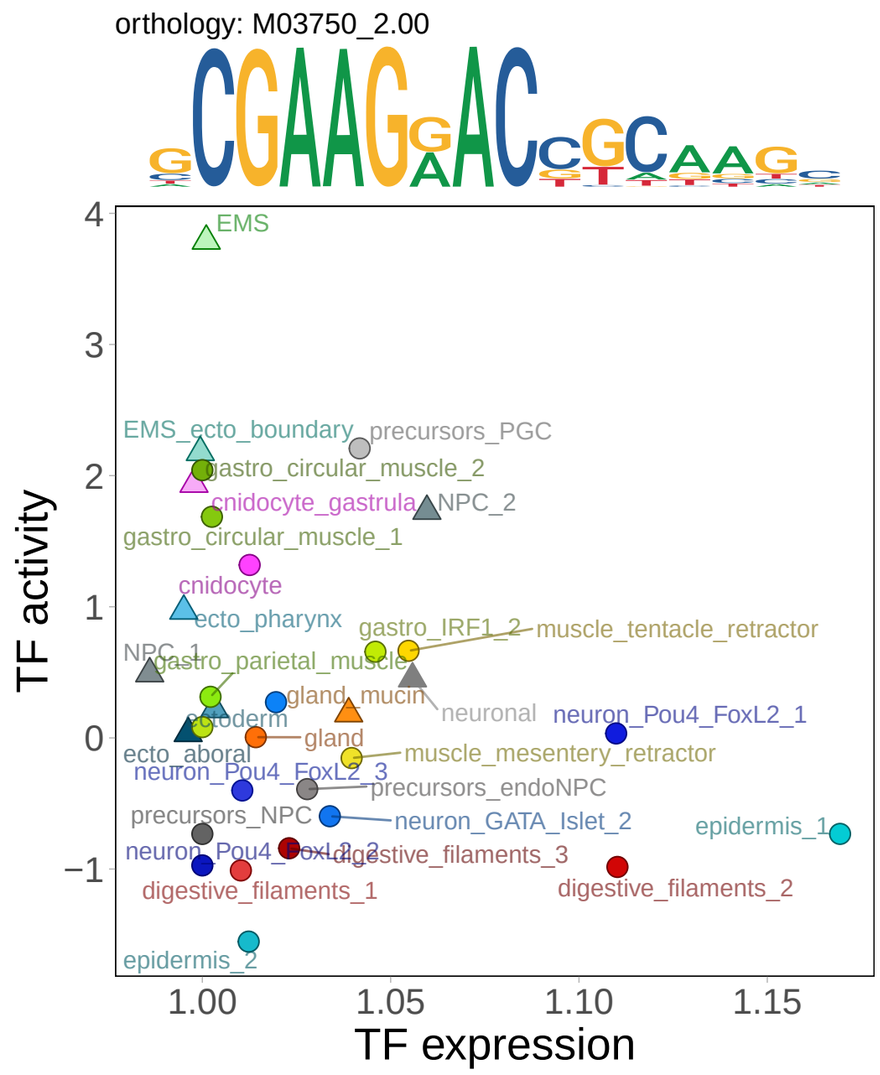
Nvec_vc1.1_XM_032378941.2
OG: zf−C2H2.HG117.0:ZNF800
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

archetype: ARCH1345_Gfi1b/Gfi1

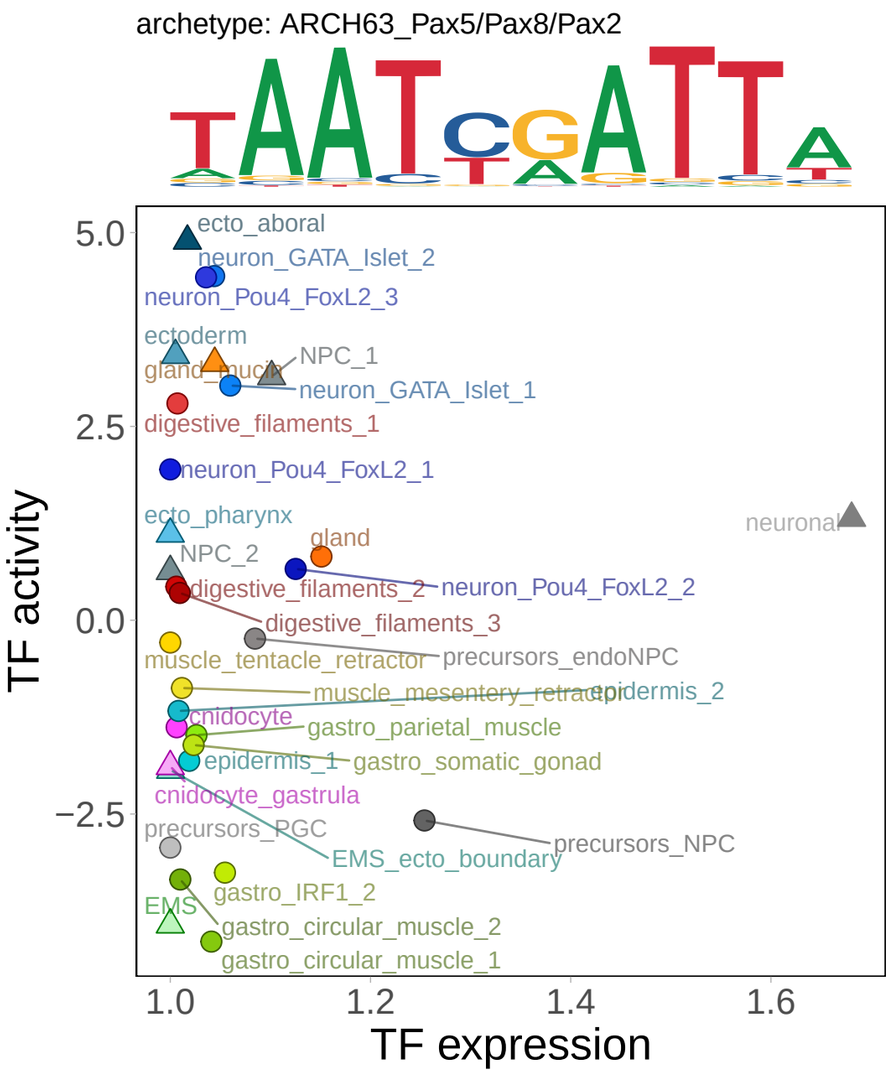


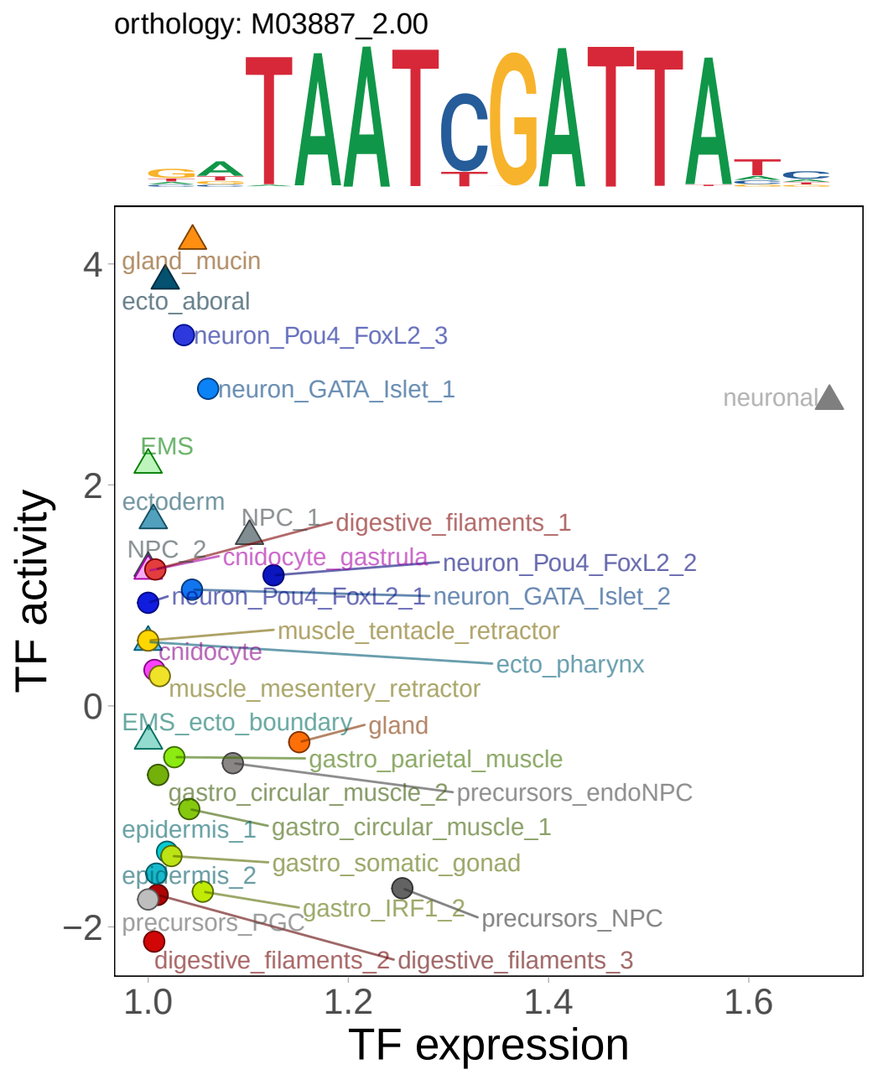
Nvec_vc1.1_XM_032379152.2
OG: Forkhead.HG1.13:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2
PFAM: Forkhead



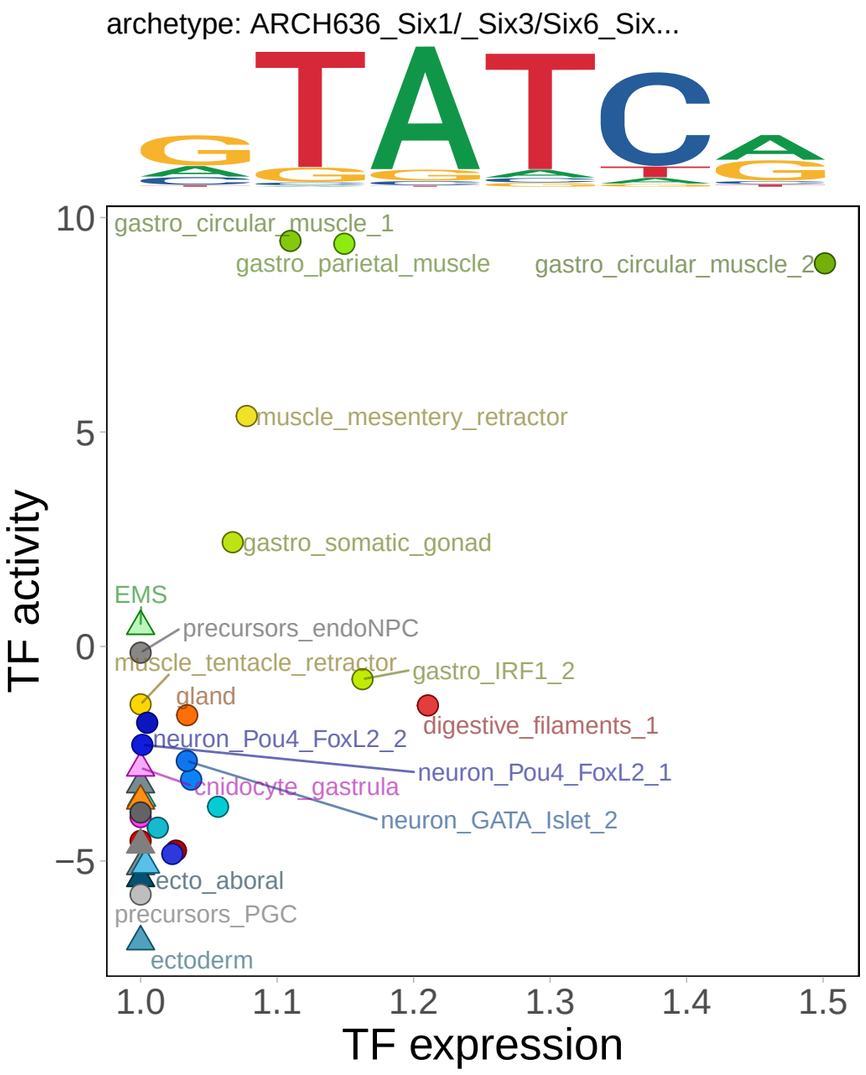


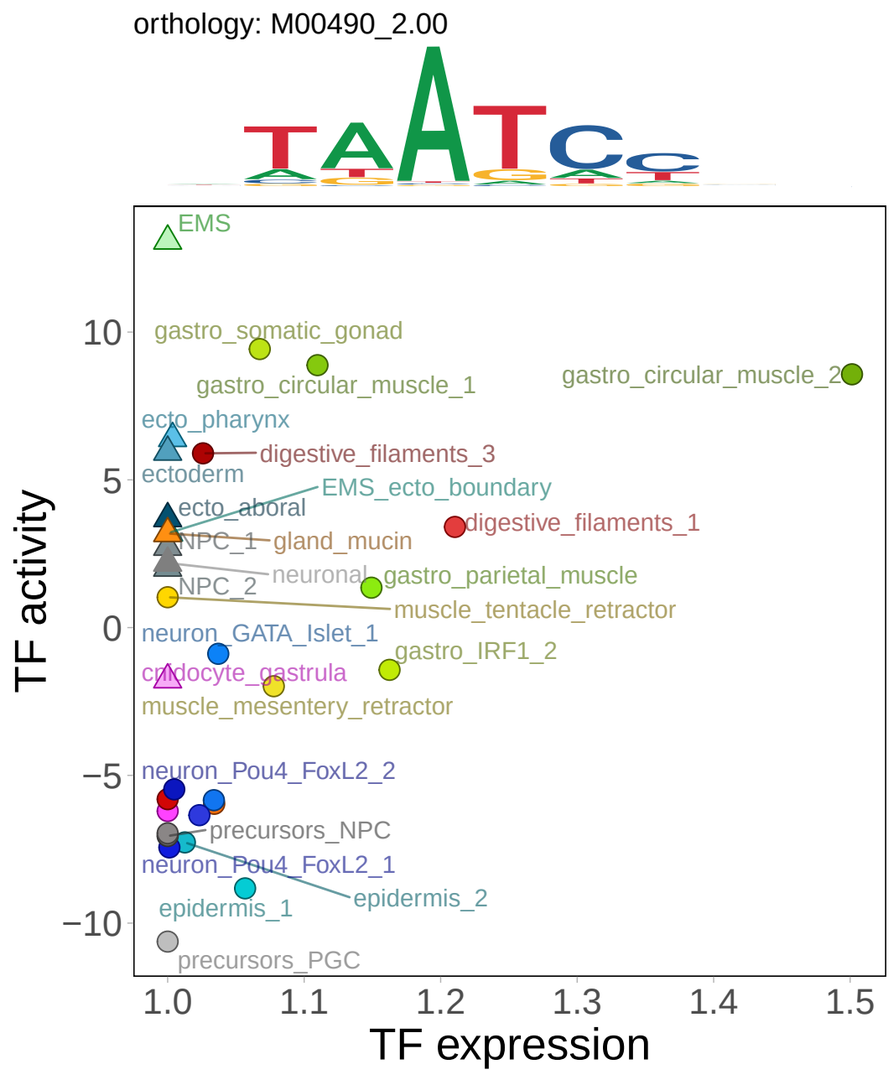
Nvec_vc1.1_XM_032379347.2
OG: Homeodomains.HG2.29:PAX4/PAX6
PFAM: PAX/Homeodomain



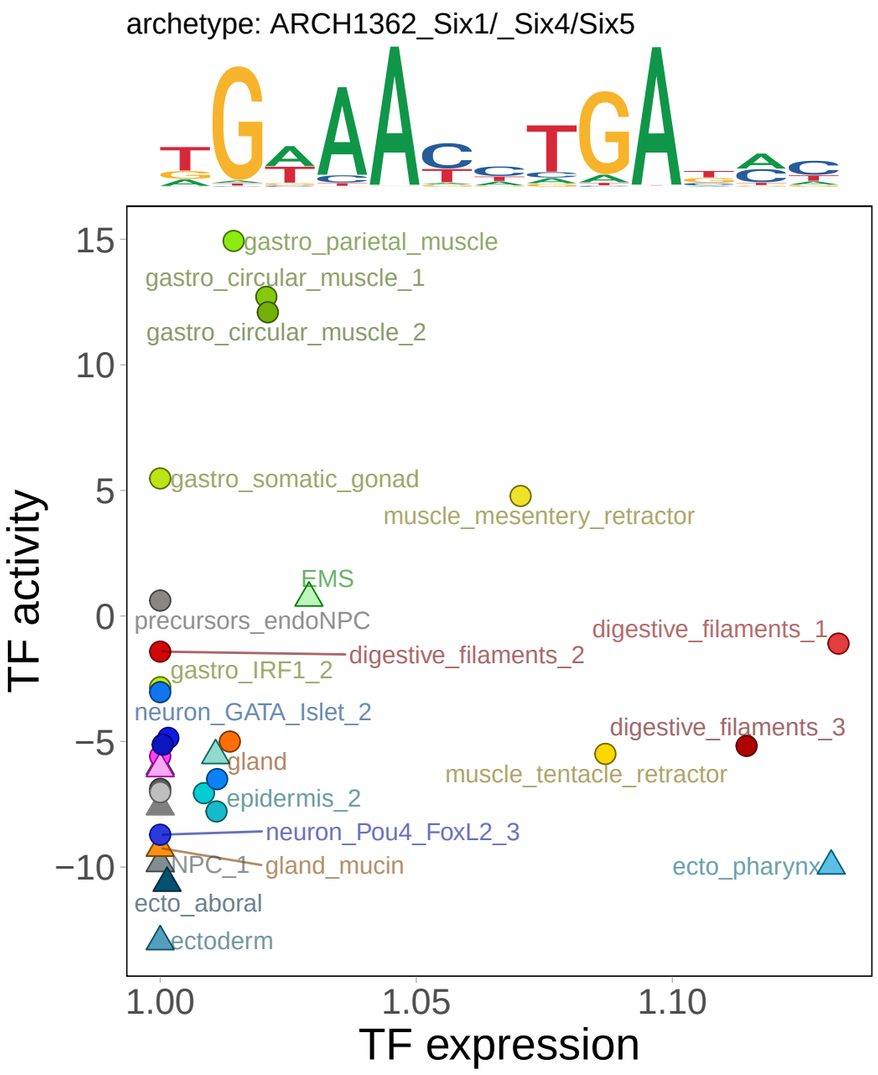


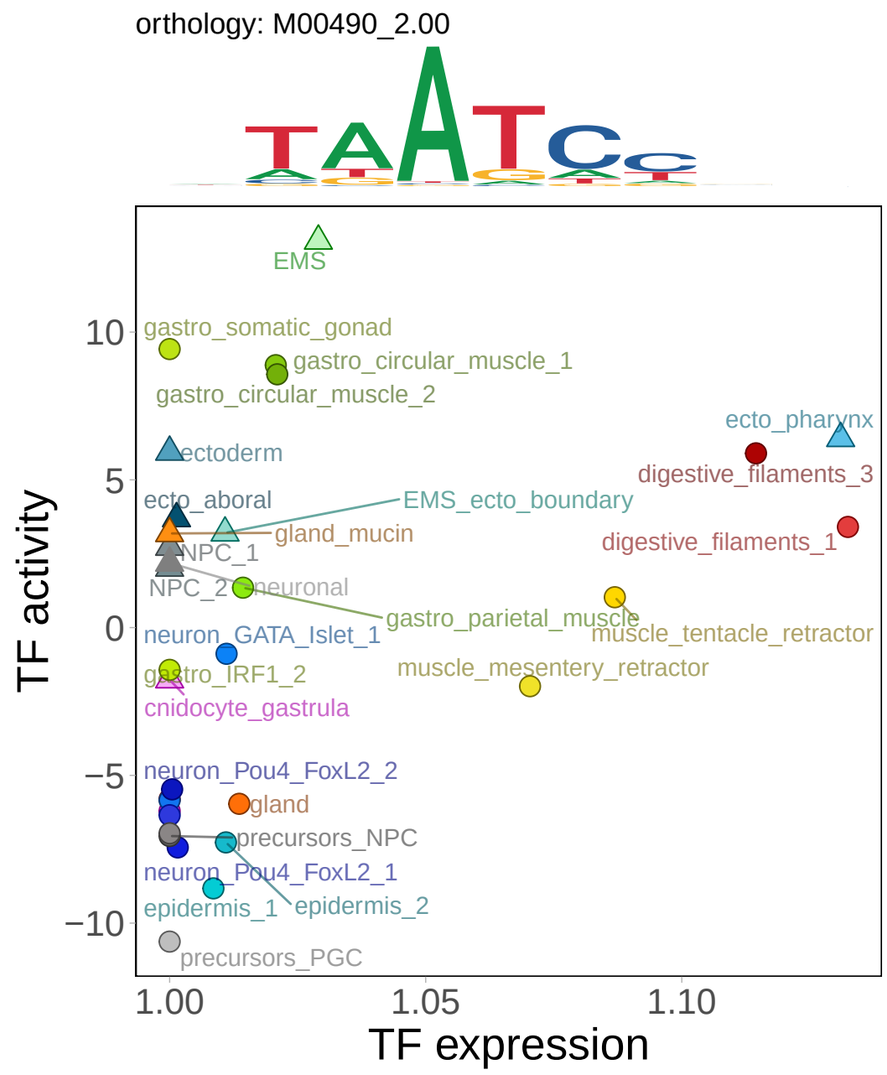
Nvec_vc1.1_XM_032379348.2
OG: Homeodomains.HG2.72:like:DMBX1
PFAM: Homeodomain



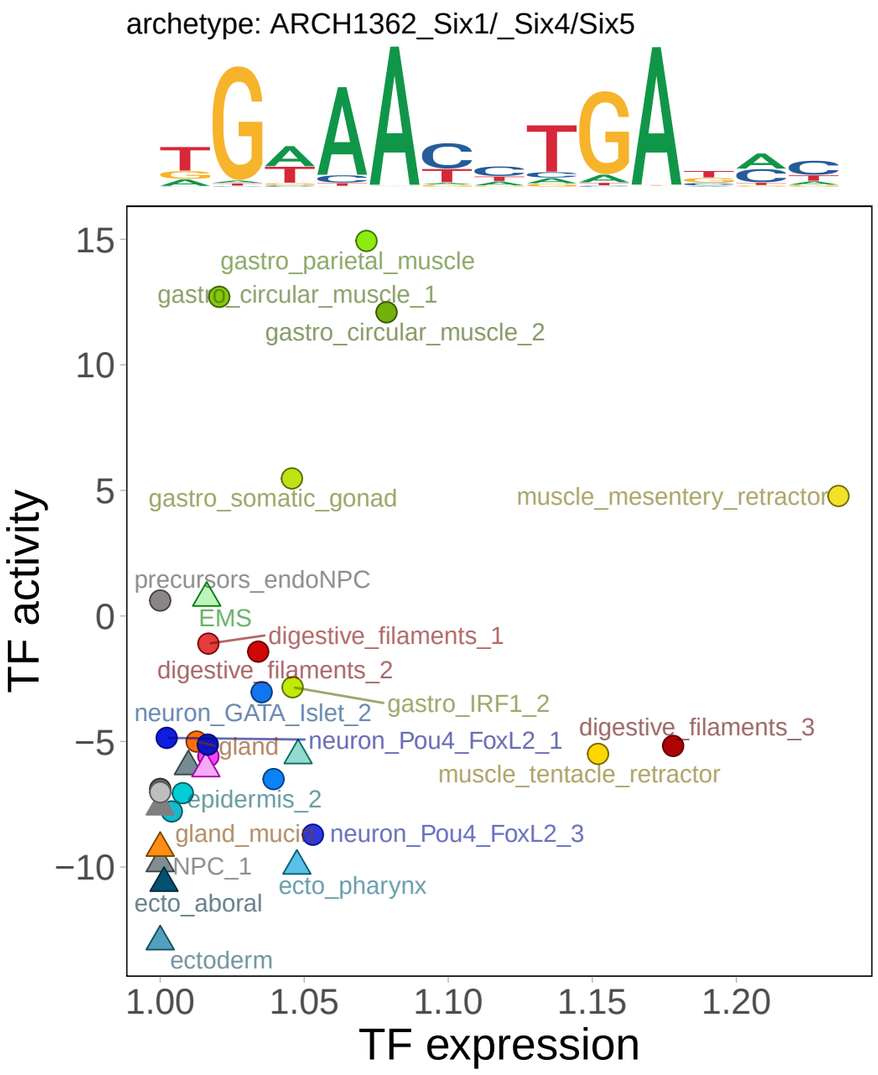


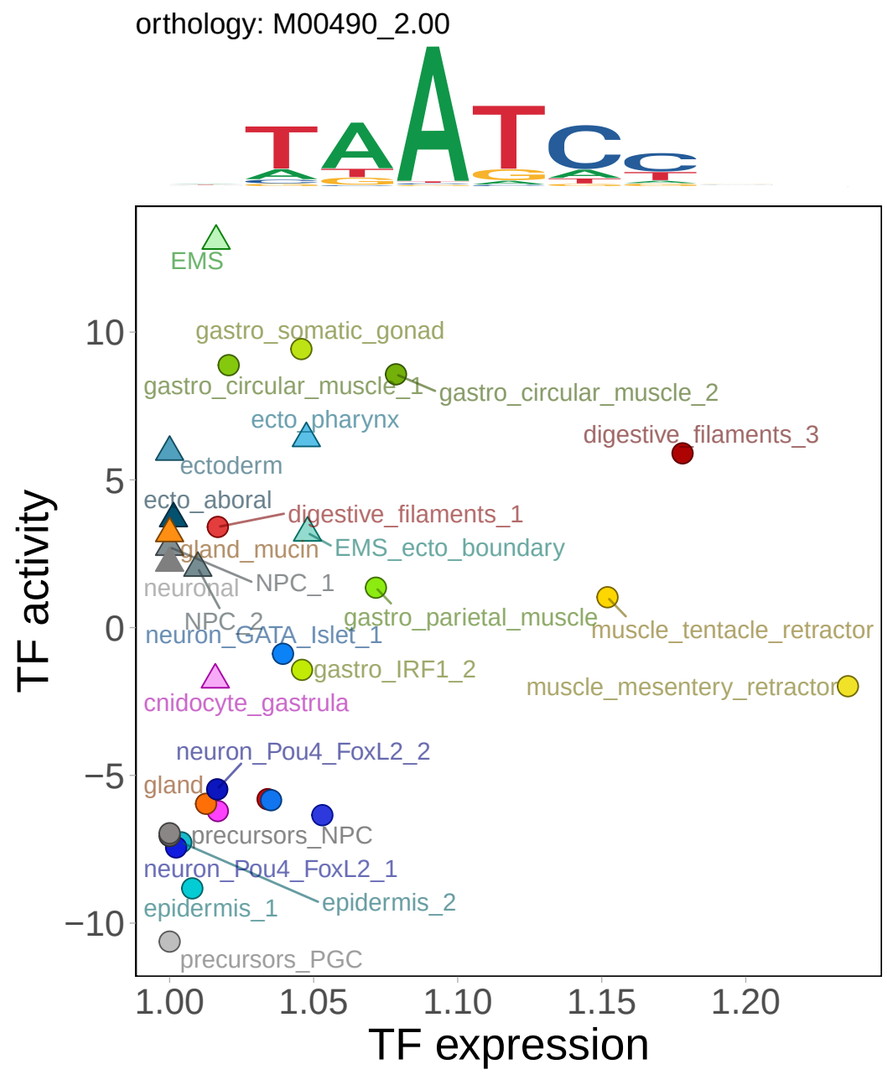
Nvec_vc1.1_XM_032379394.2
OG: Homeodomains.HG2.77:like:DMBX1
PFAM: Homeodomain



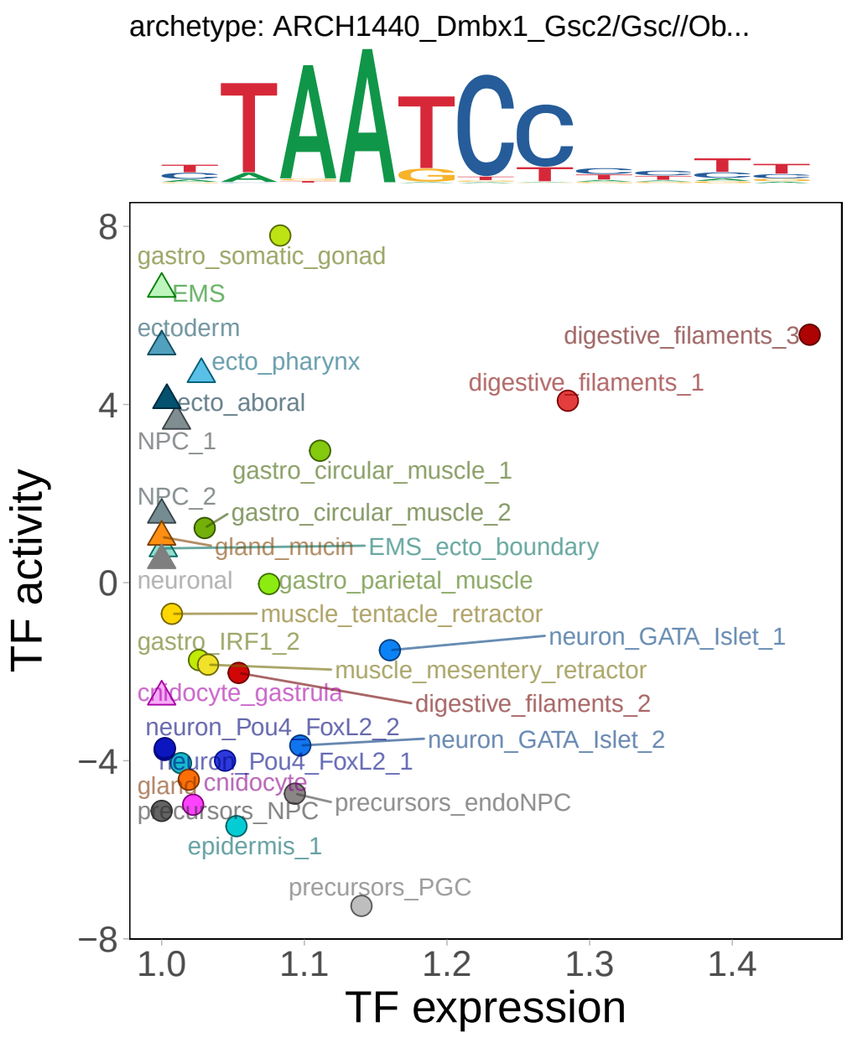


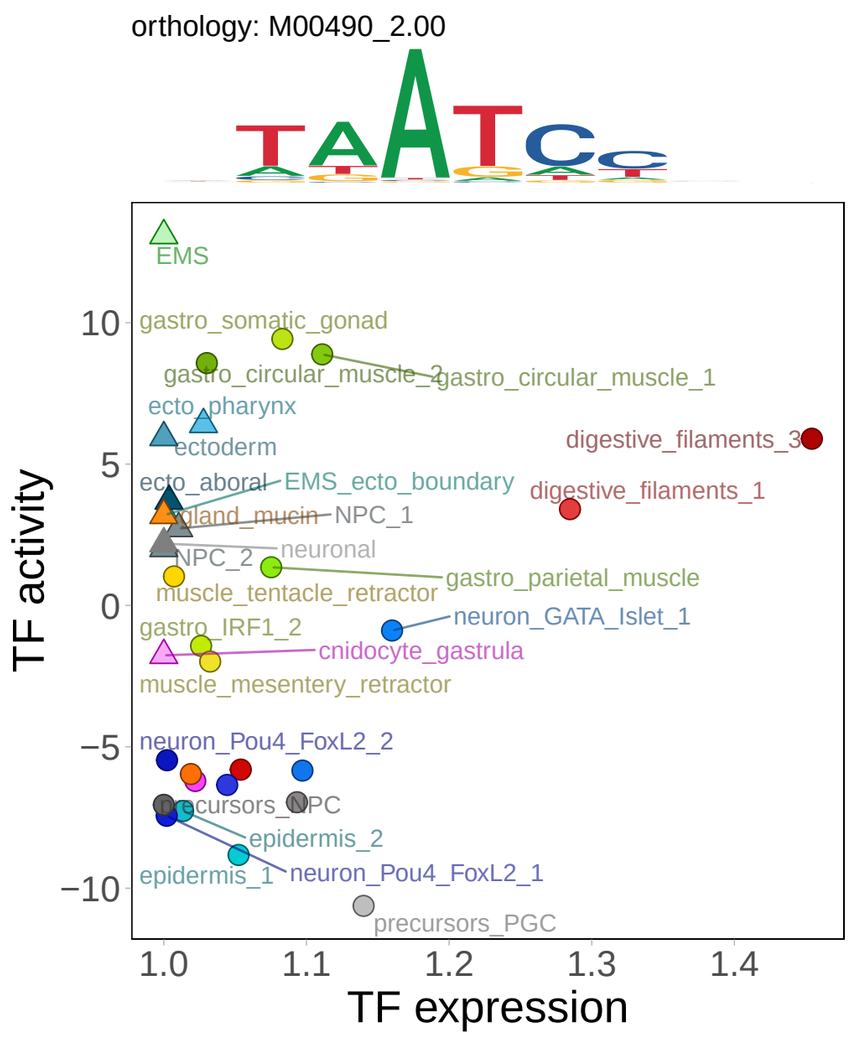
Nvec_vc1.1_XM_032379398.2
OG: Homeodomains.HG2.75:DMBX1
PFAM: Homeodomain

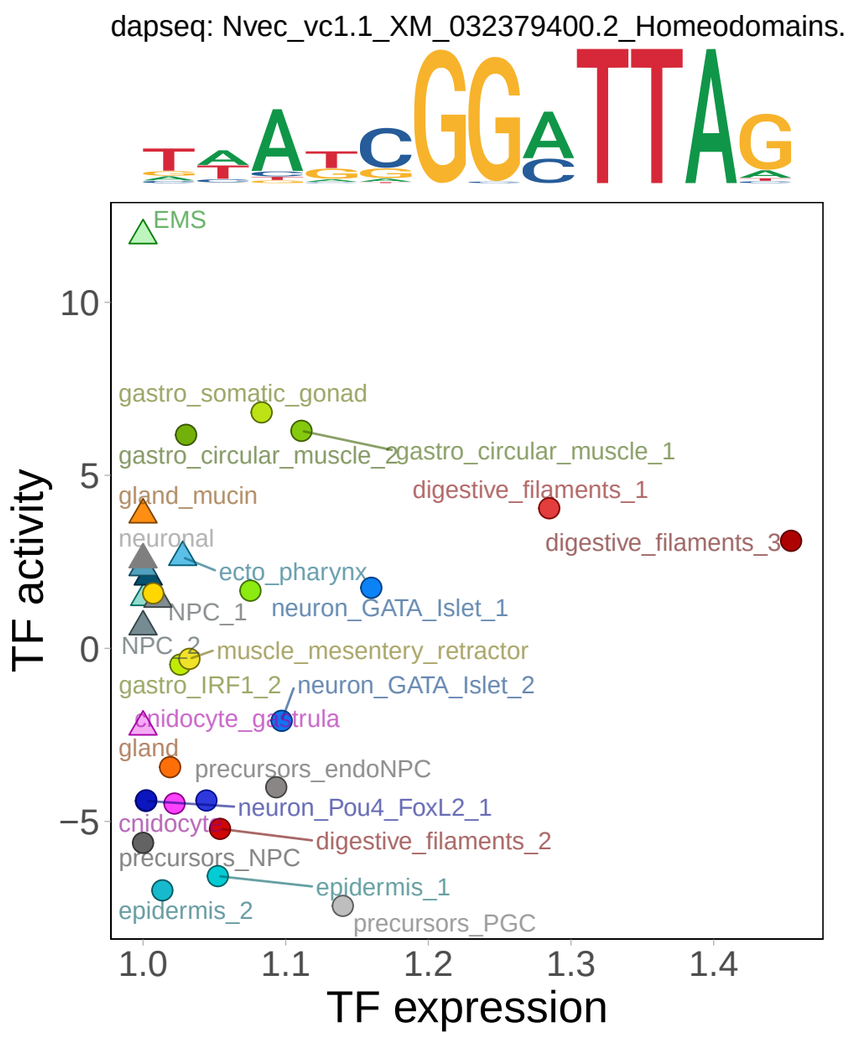


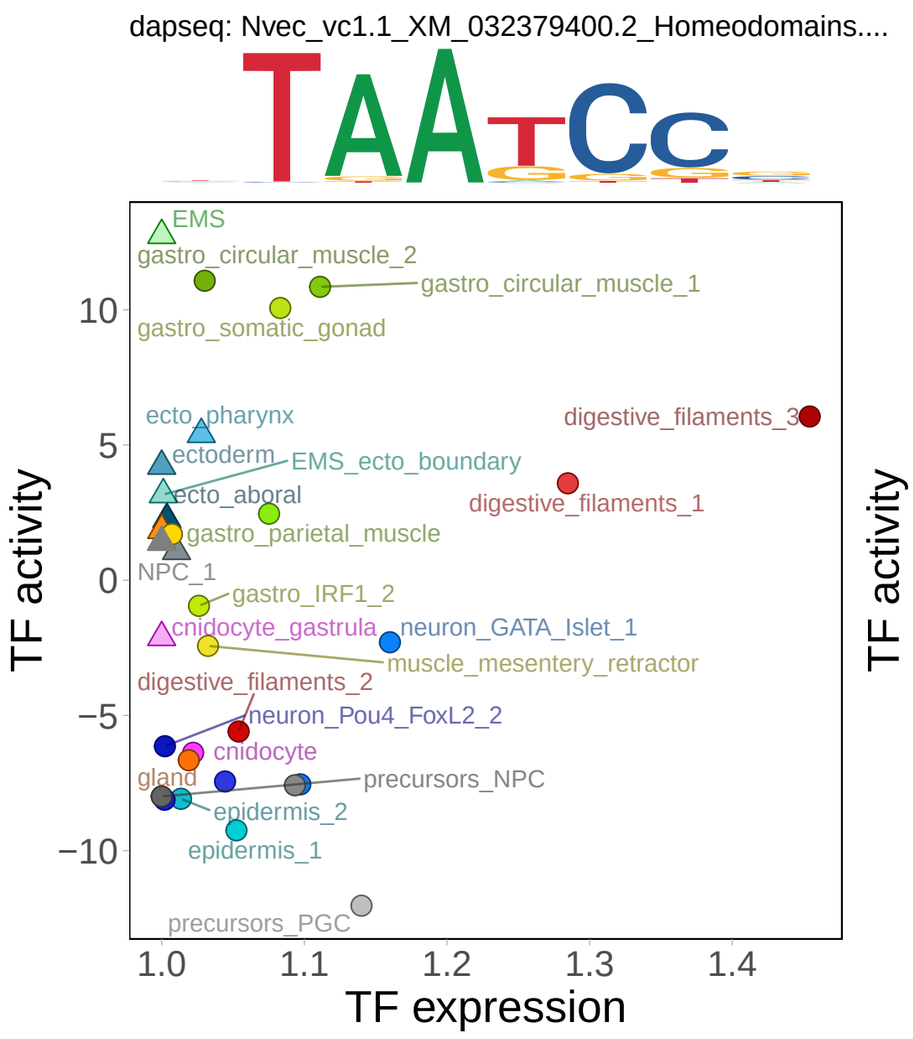


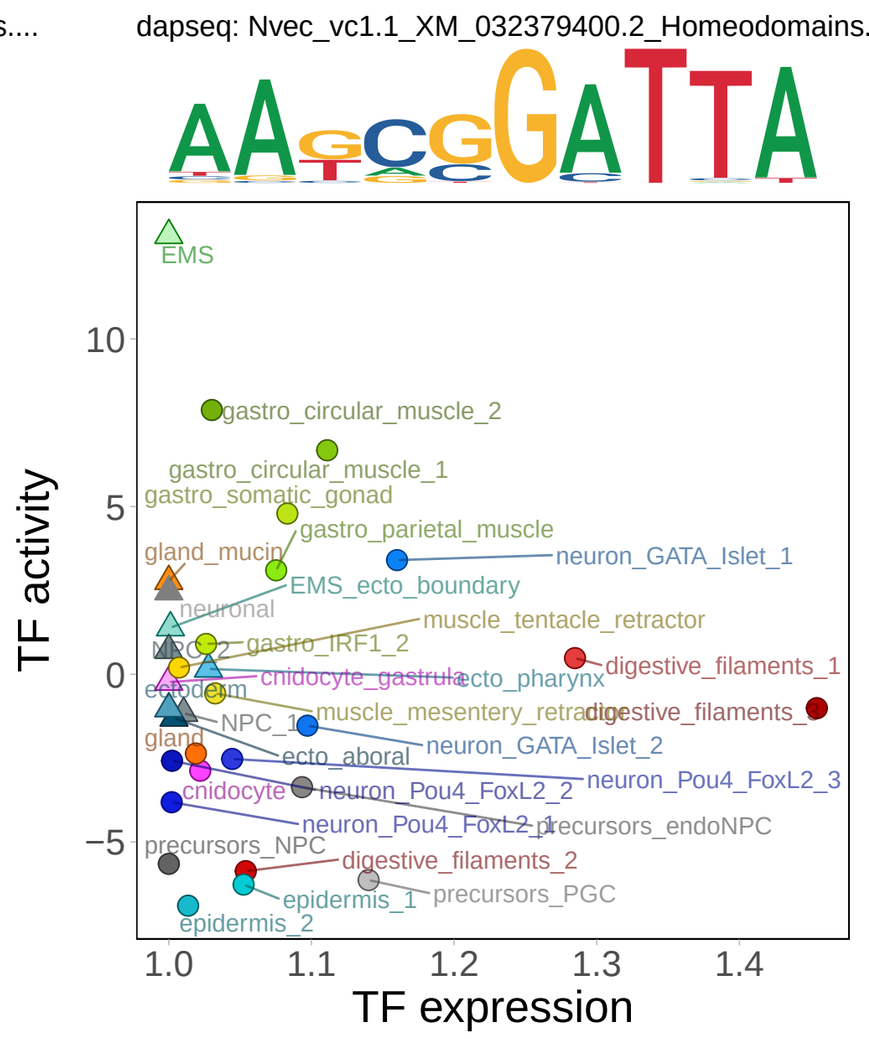
Nvec_vc1.1_XM_032379400.2
OG: Homeodomains.HG2.76:like:DMBX1
PFAM: Homeodomain





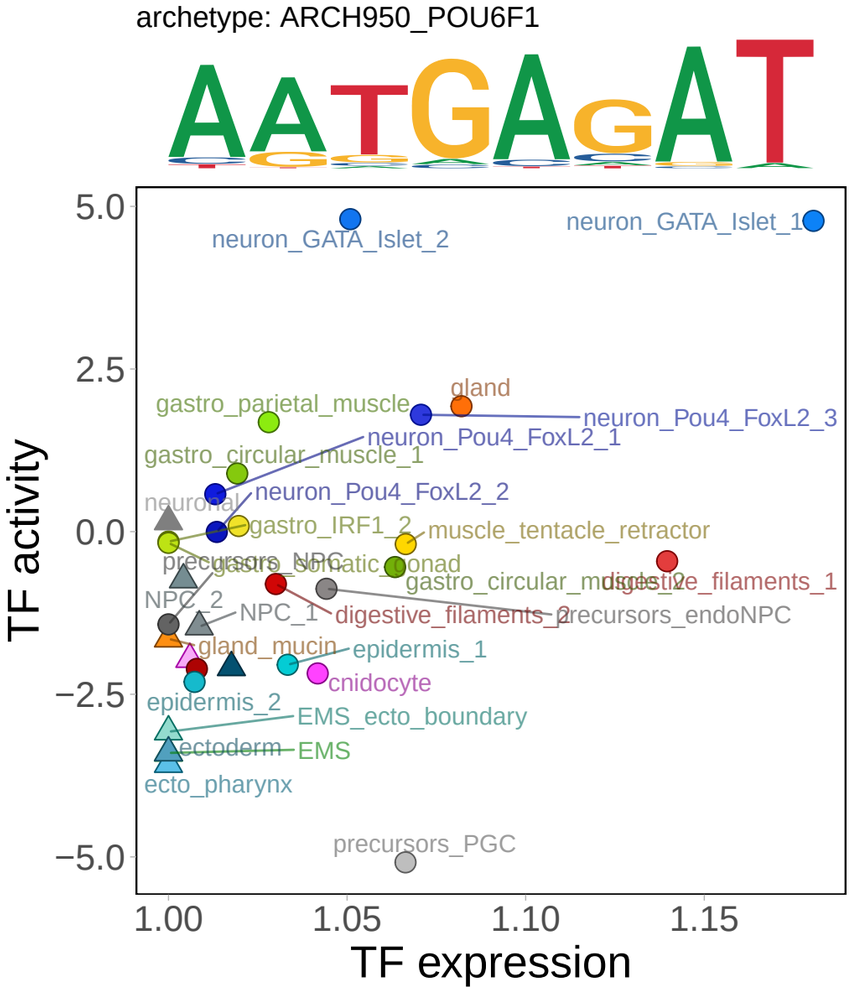




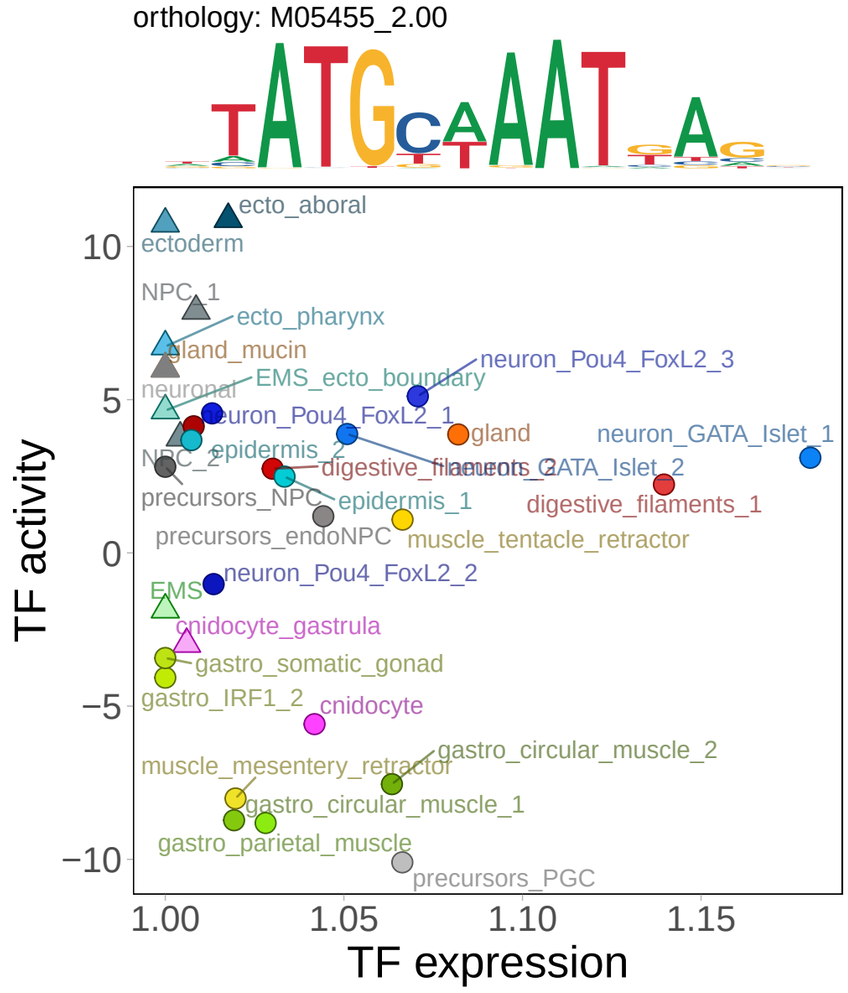


Nvec_vc1.1_XM_032379457.2
OG: Homeodomains.HG4.2:POU1F1
PFAM: Pou/Homeodomain

archetype: ARCH950_POU6F1



orthology: M05455_2.00



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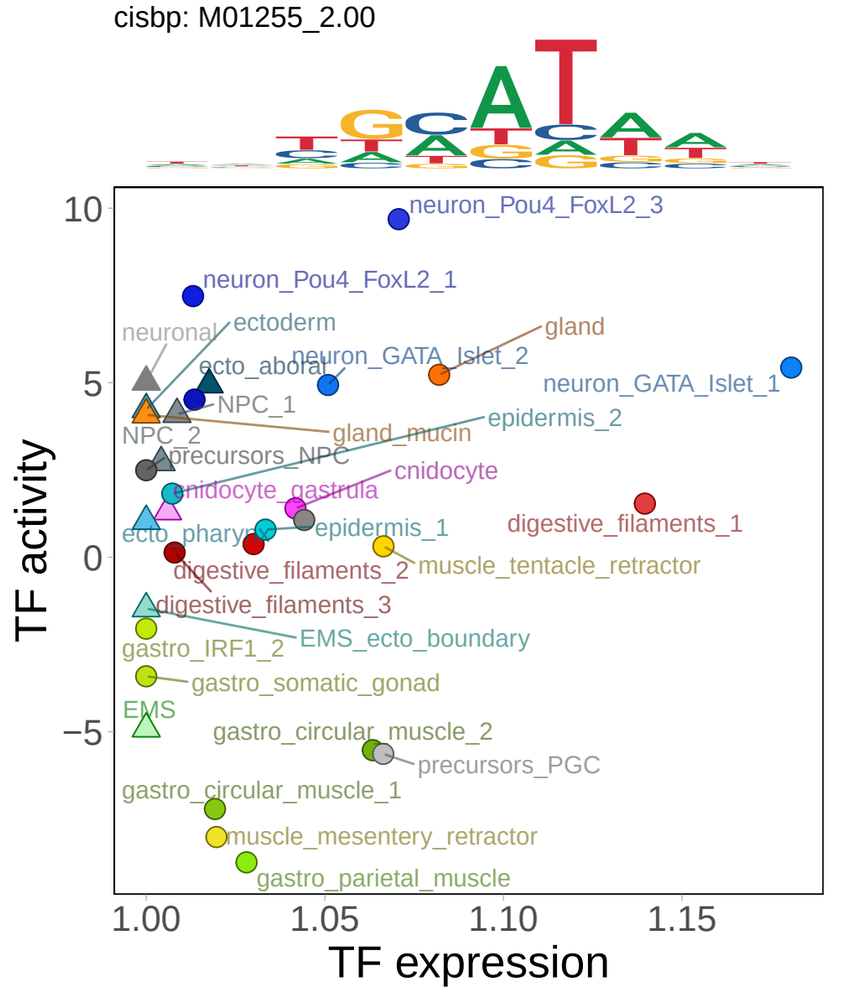

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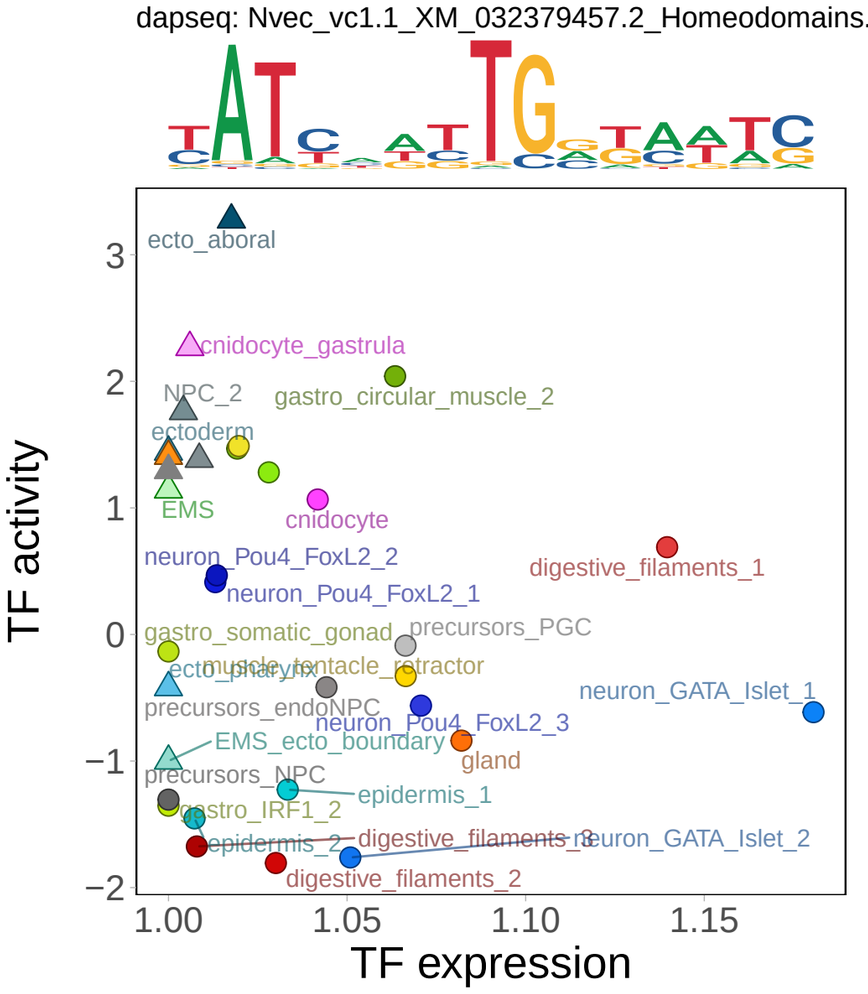

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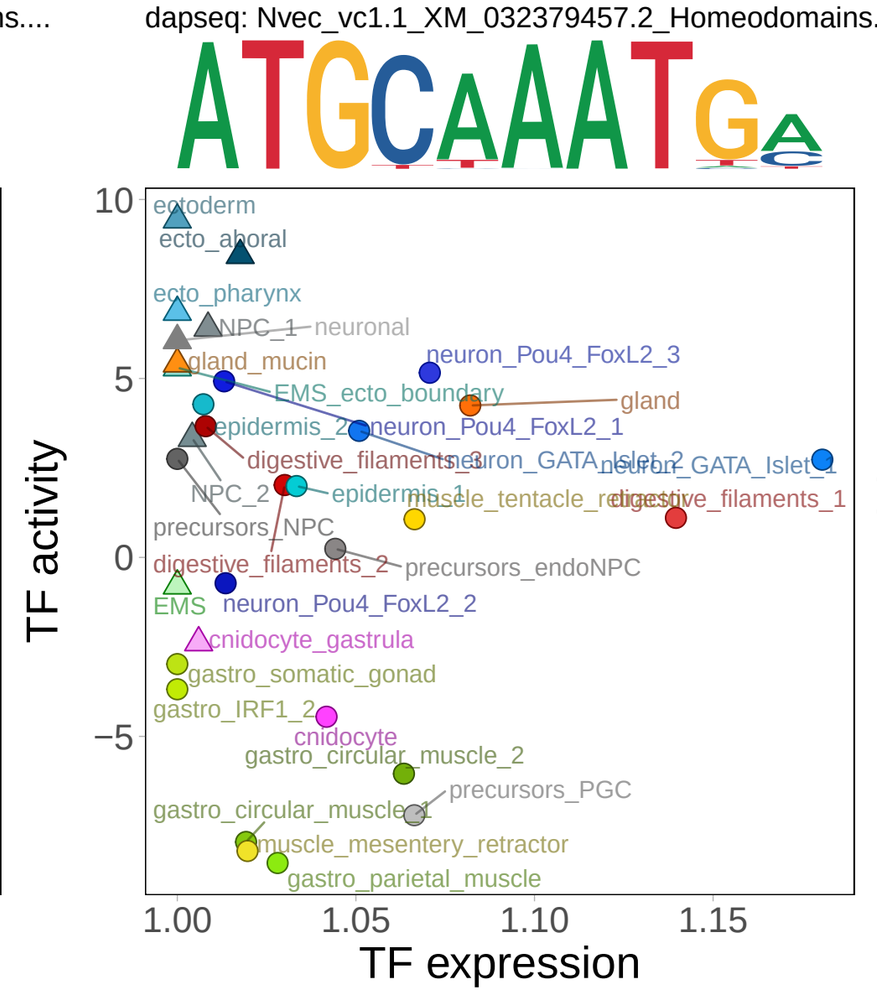

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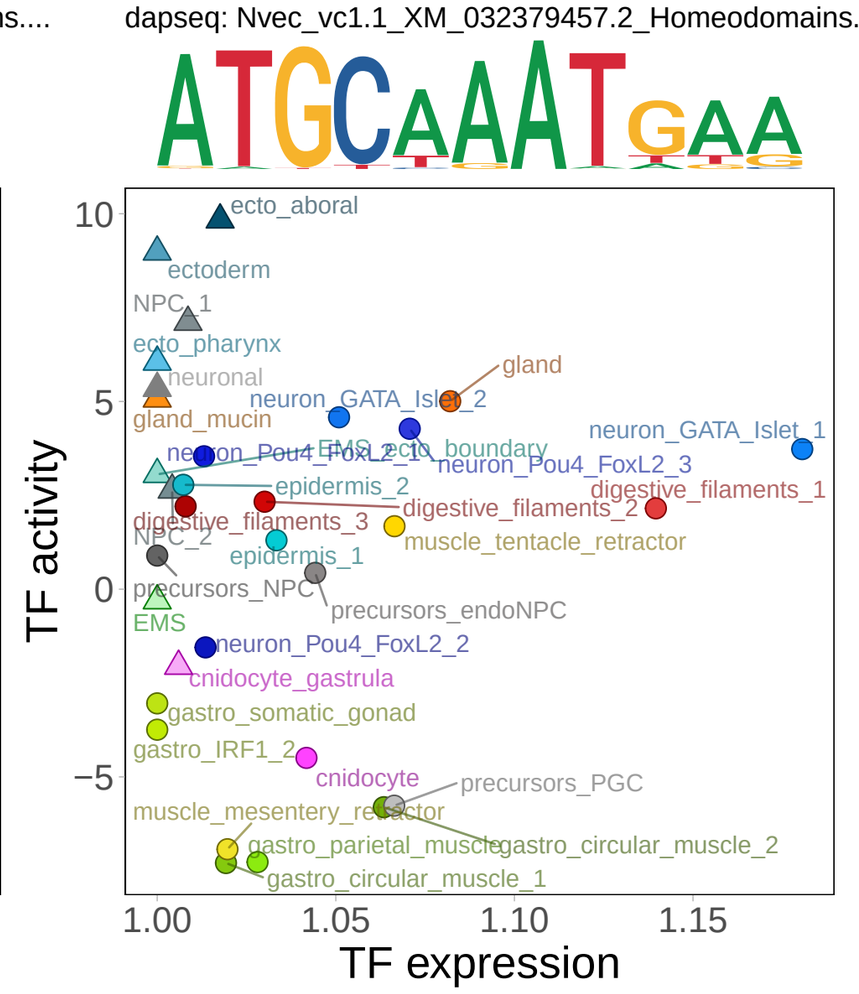

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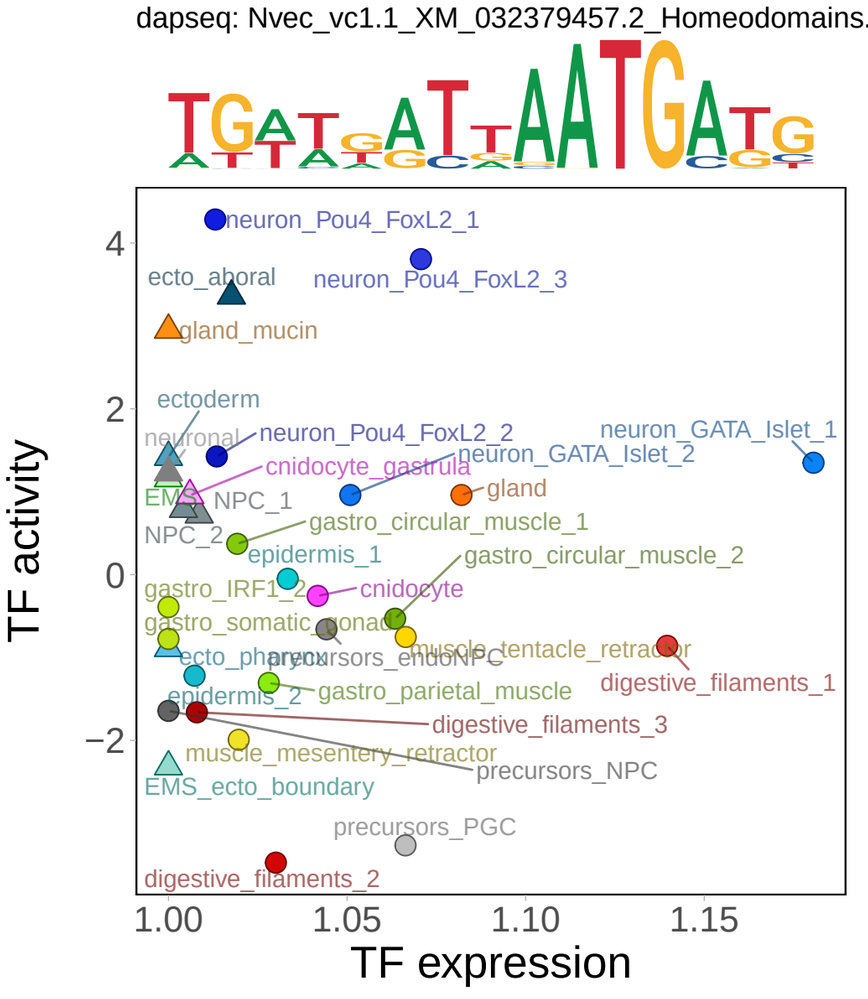

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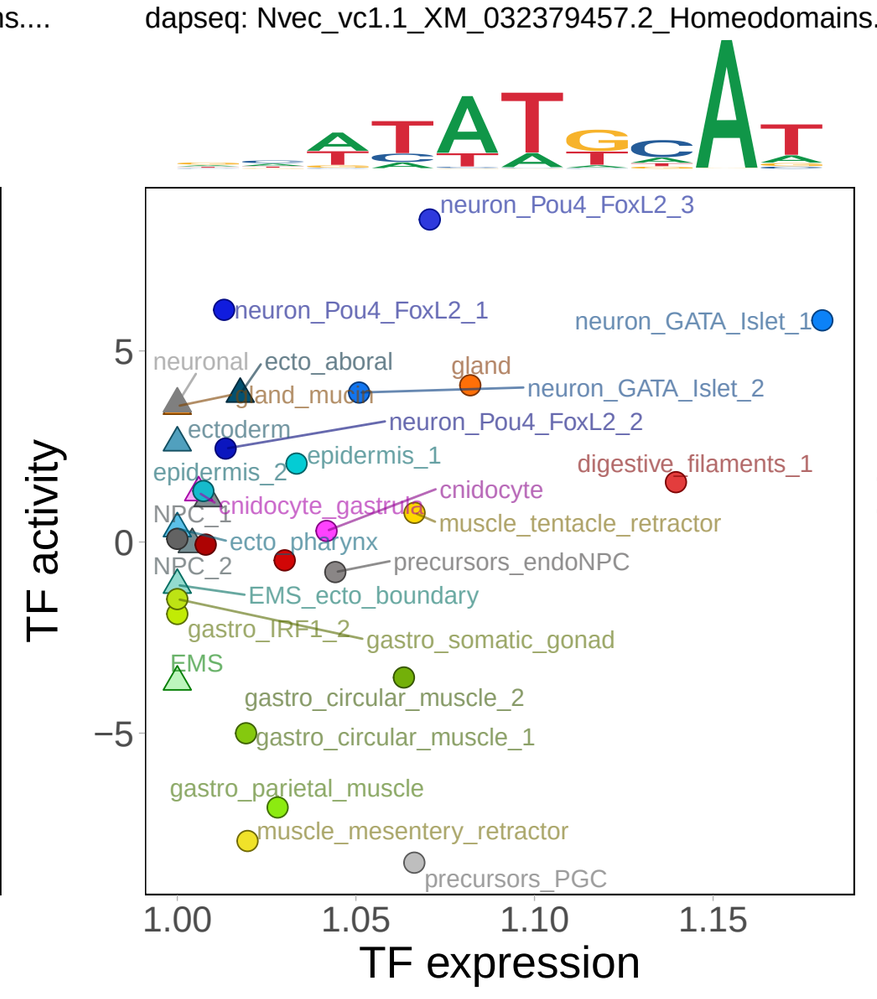

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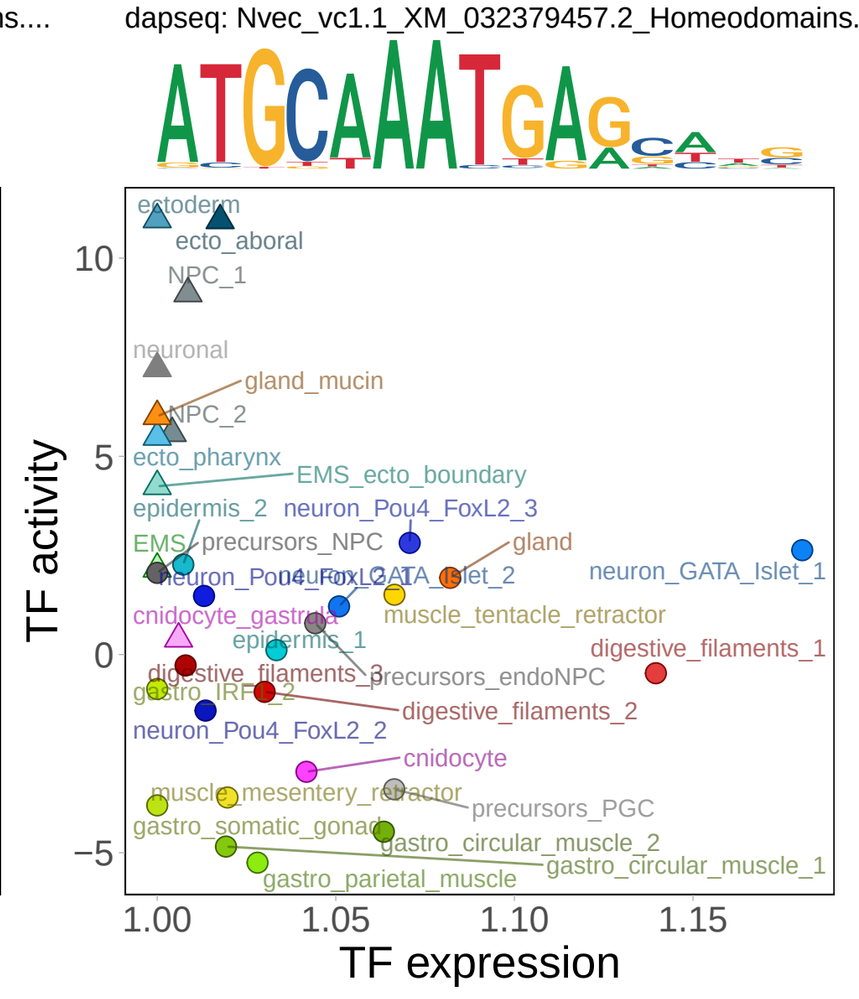
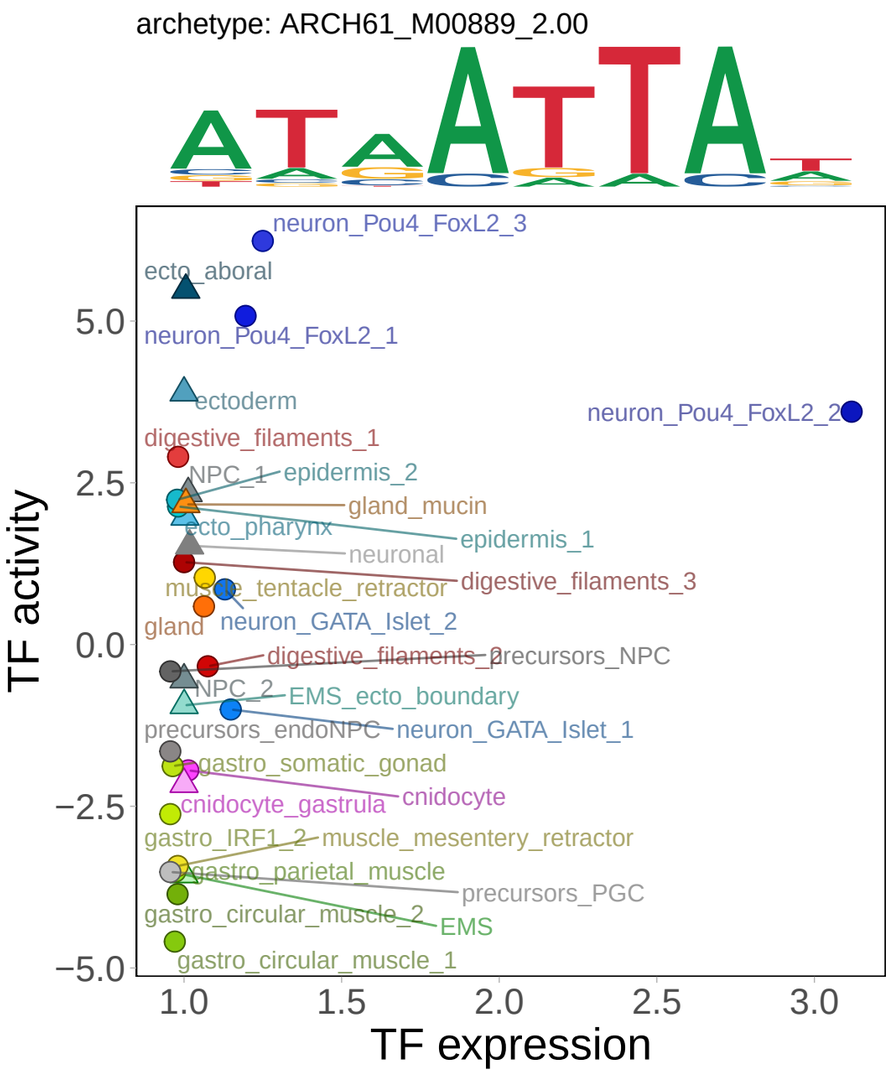
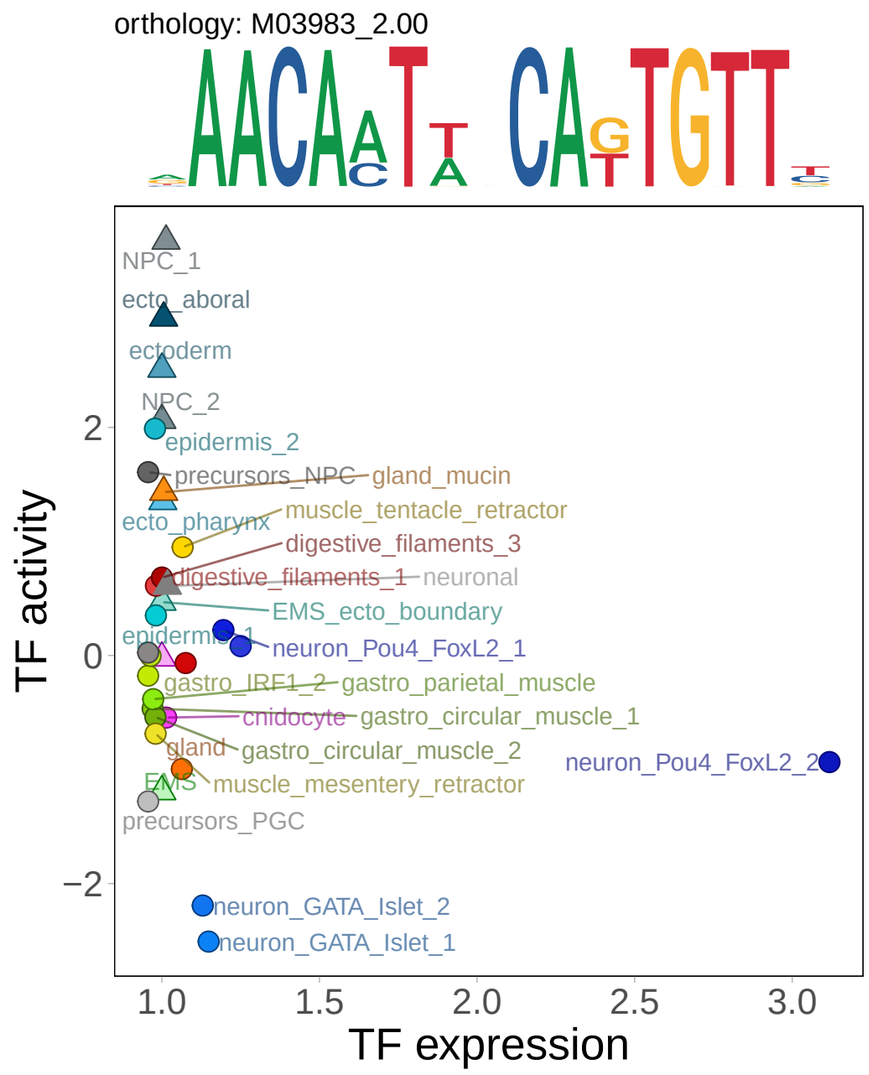
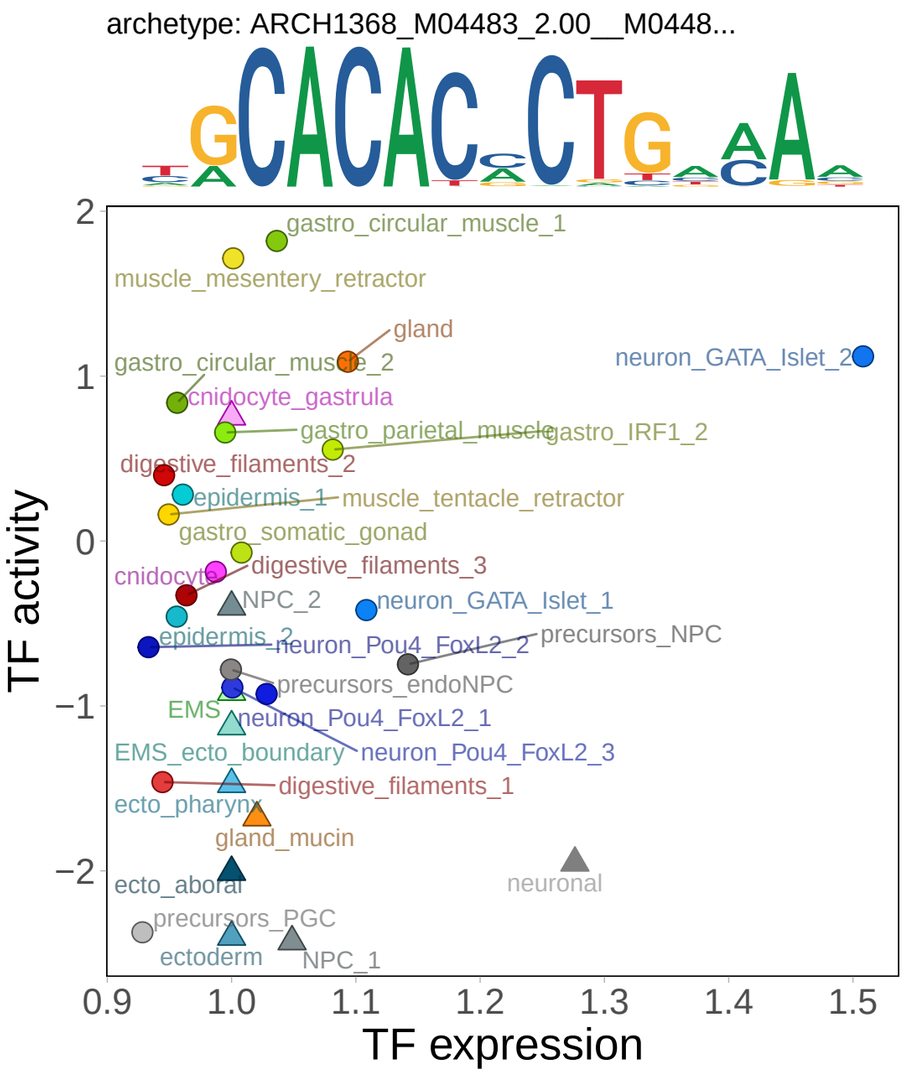


Nvec_vc1.1_XM_032379465.2 (SoxB2/Sox3)
OG: HMGbox_Sox.HG1.19:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY
PFAM: HMG_box

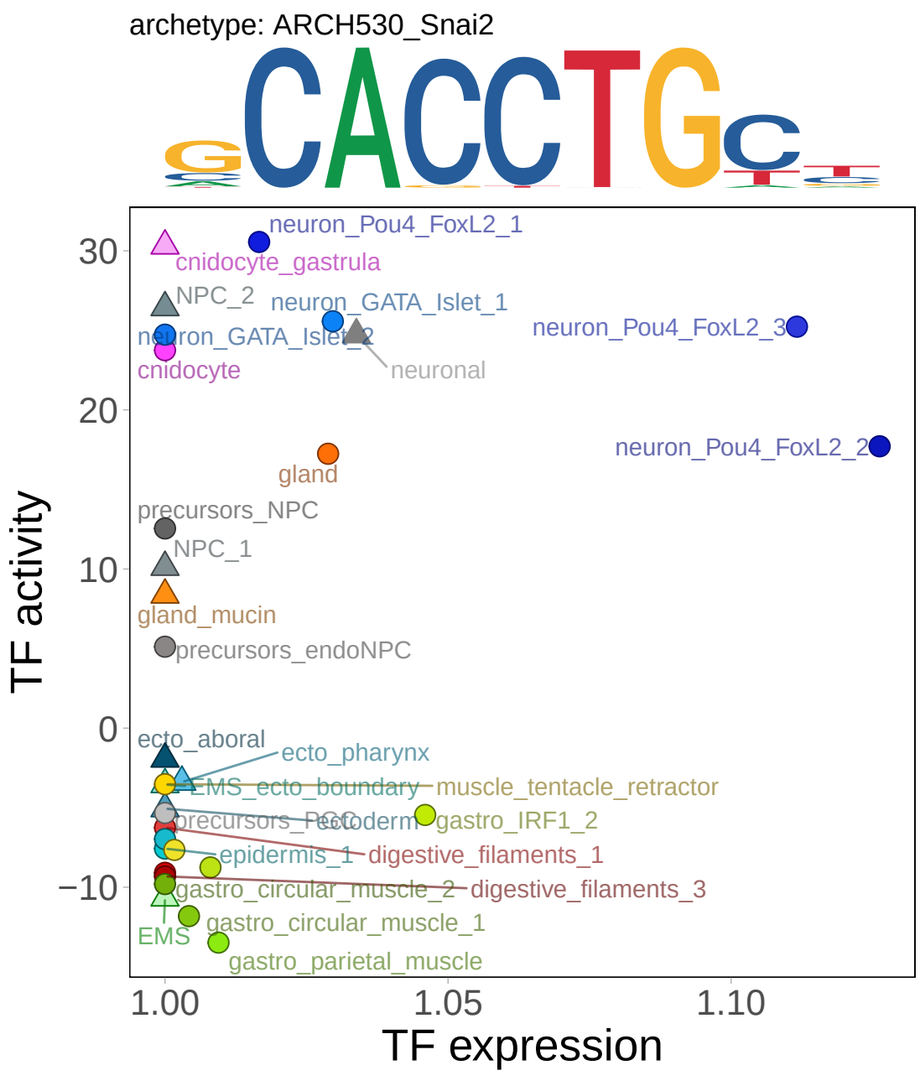




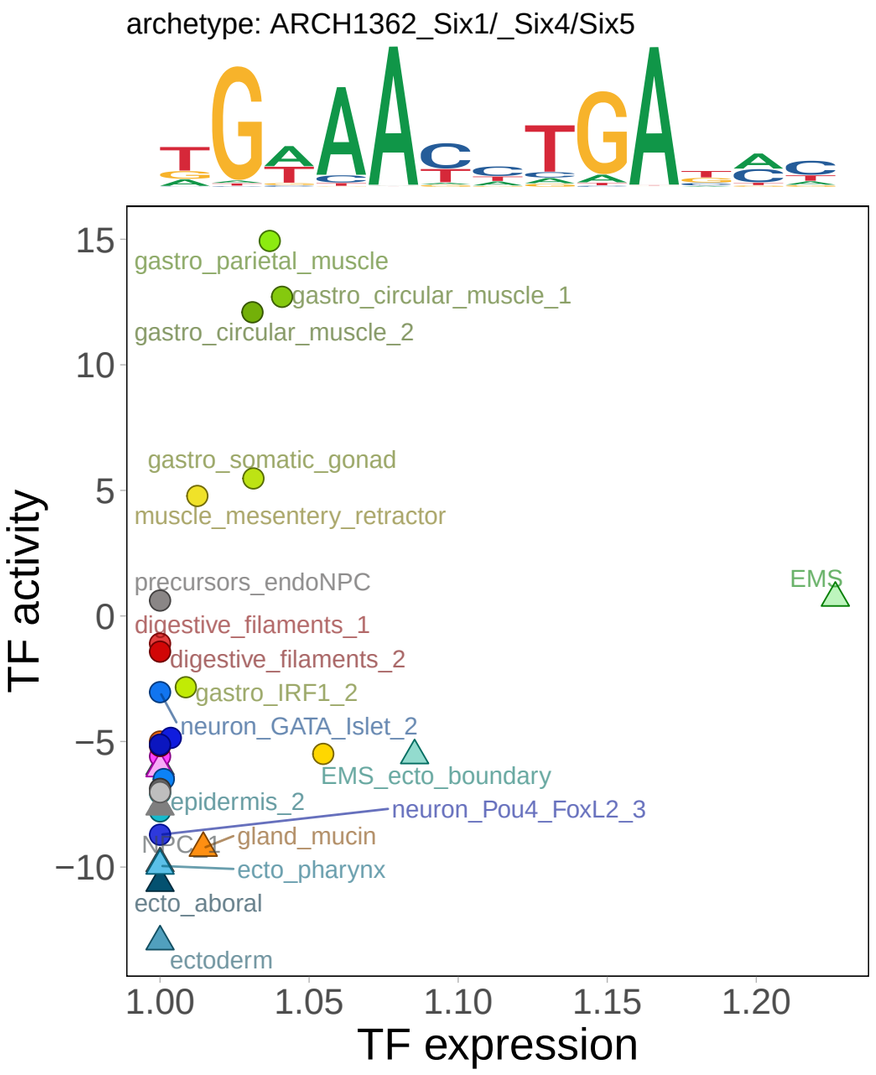
Nvec_vc1.1_XM_032379498.2
OG: zf−C2H2.HG1.6:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL11B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_4

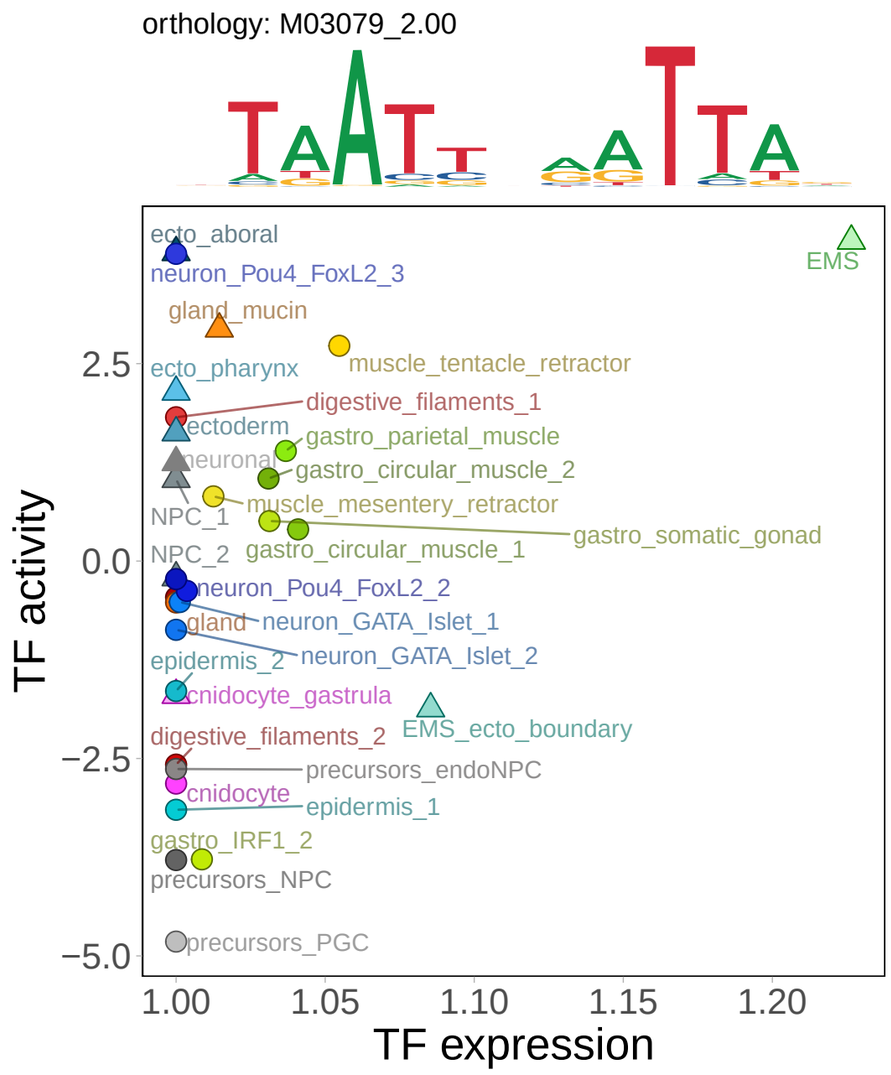


Nvec_vc1.1_XM_032379677.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

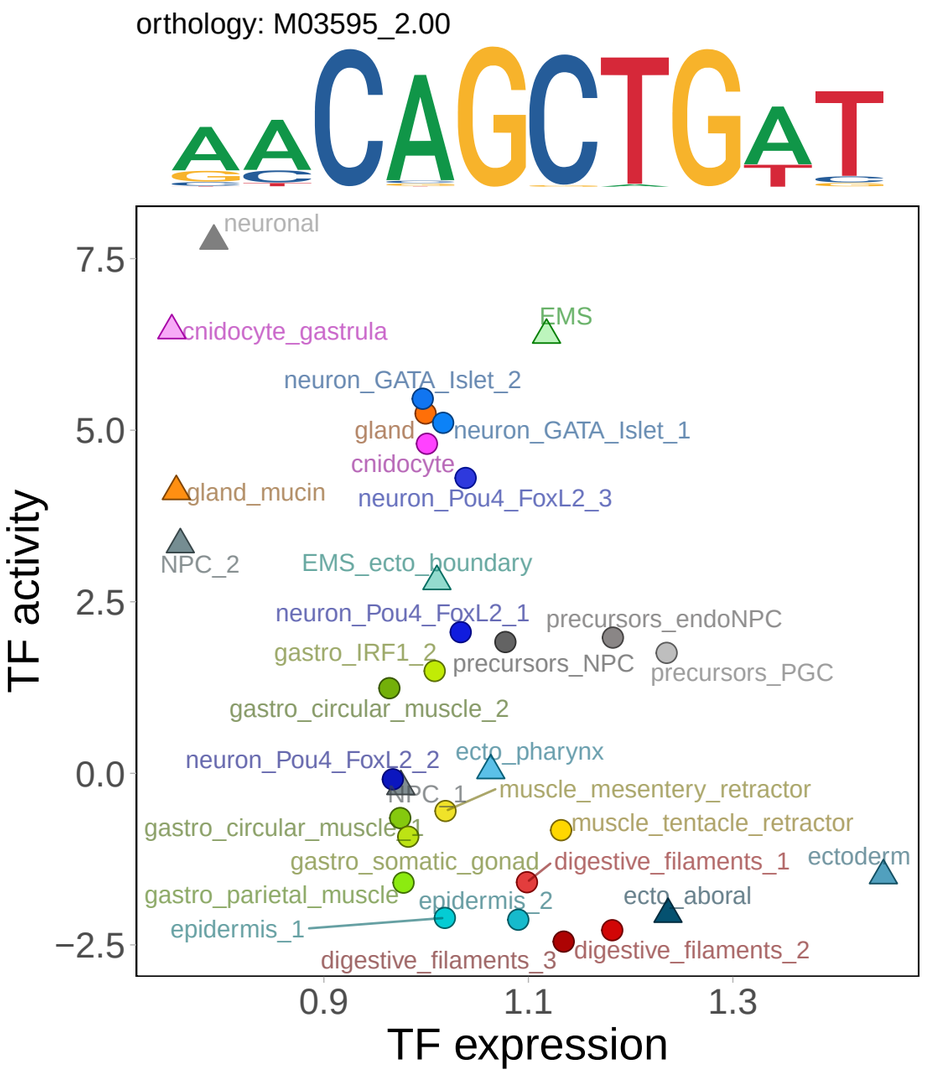


Nvec_vc1.1_XM_032379723.2
OG: Homeodomains.HG2.66:ALX1/ALX3/ALX4
PFAM: Homeodomain/OAR

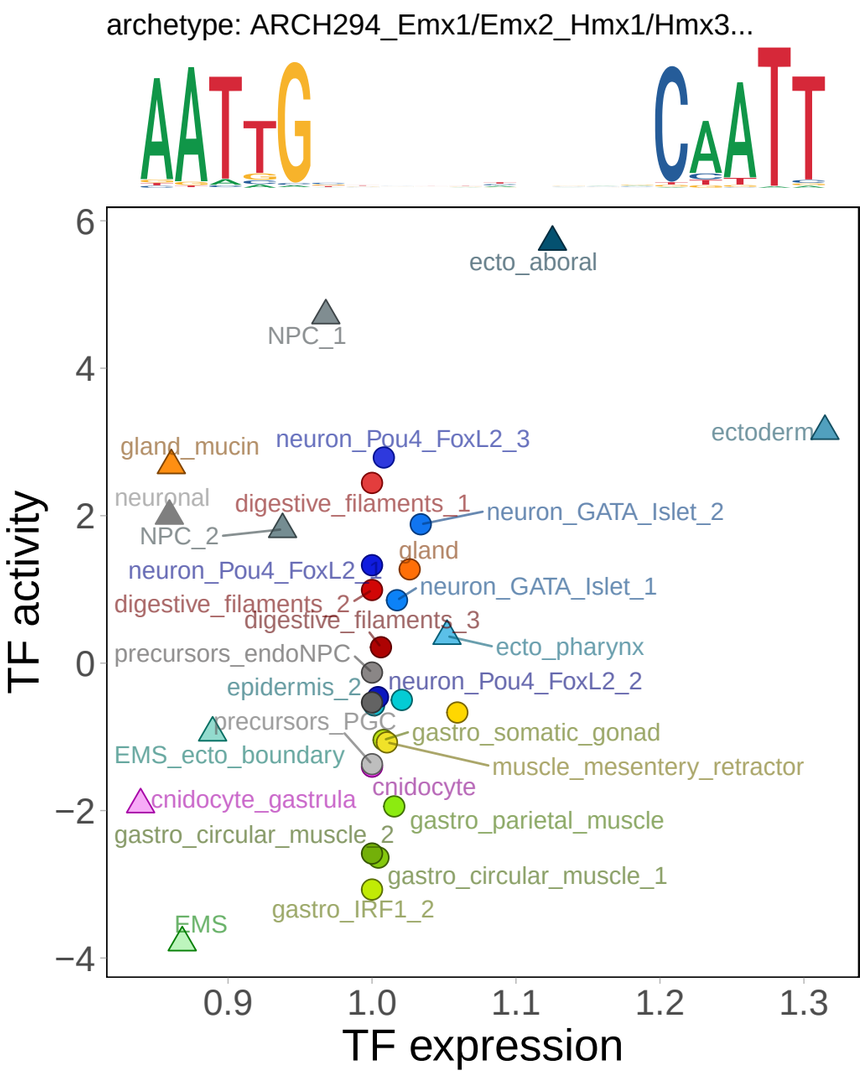


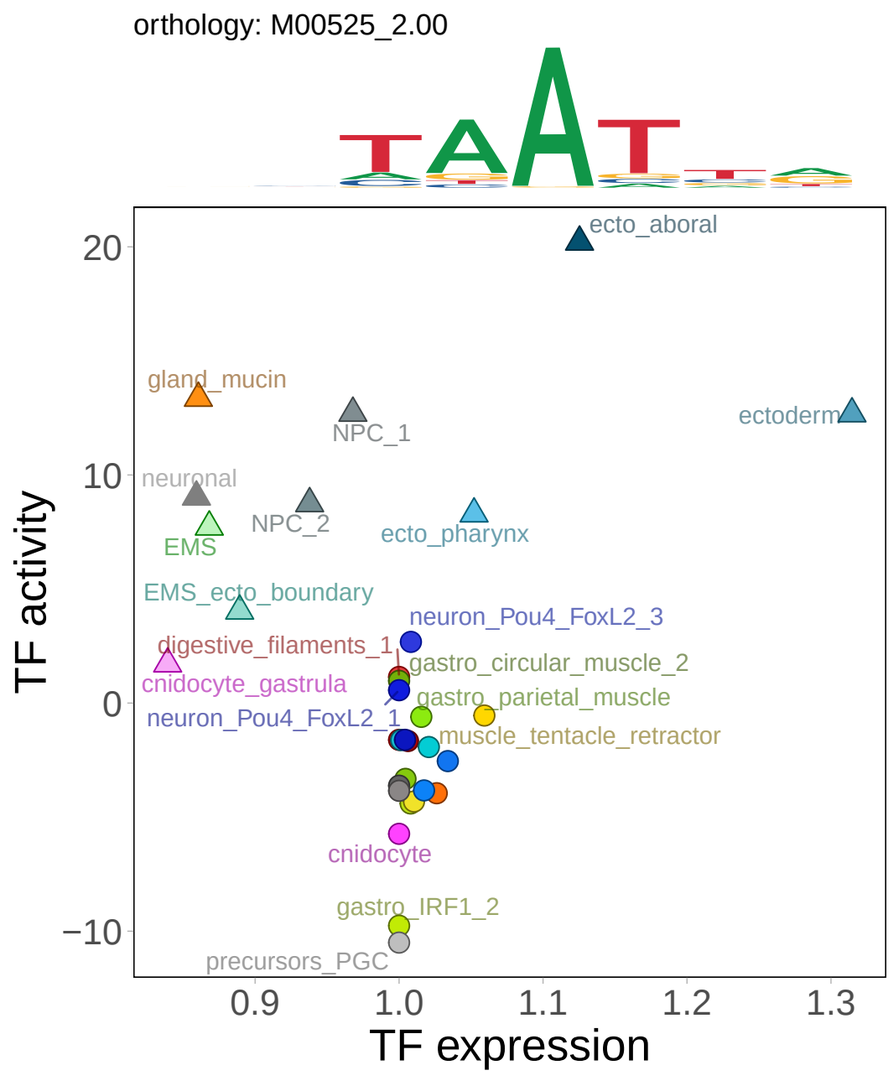


Nvec_vc1.1_XM_032379775.2
OG: HLH.HG1.16:TFAP4
PFAM: HLH

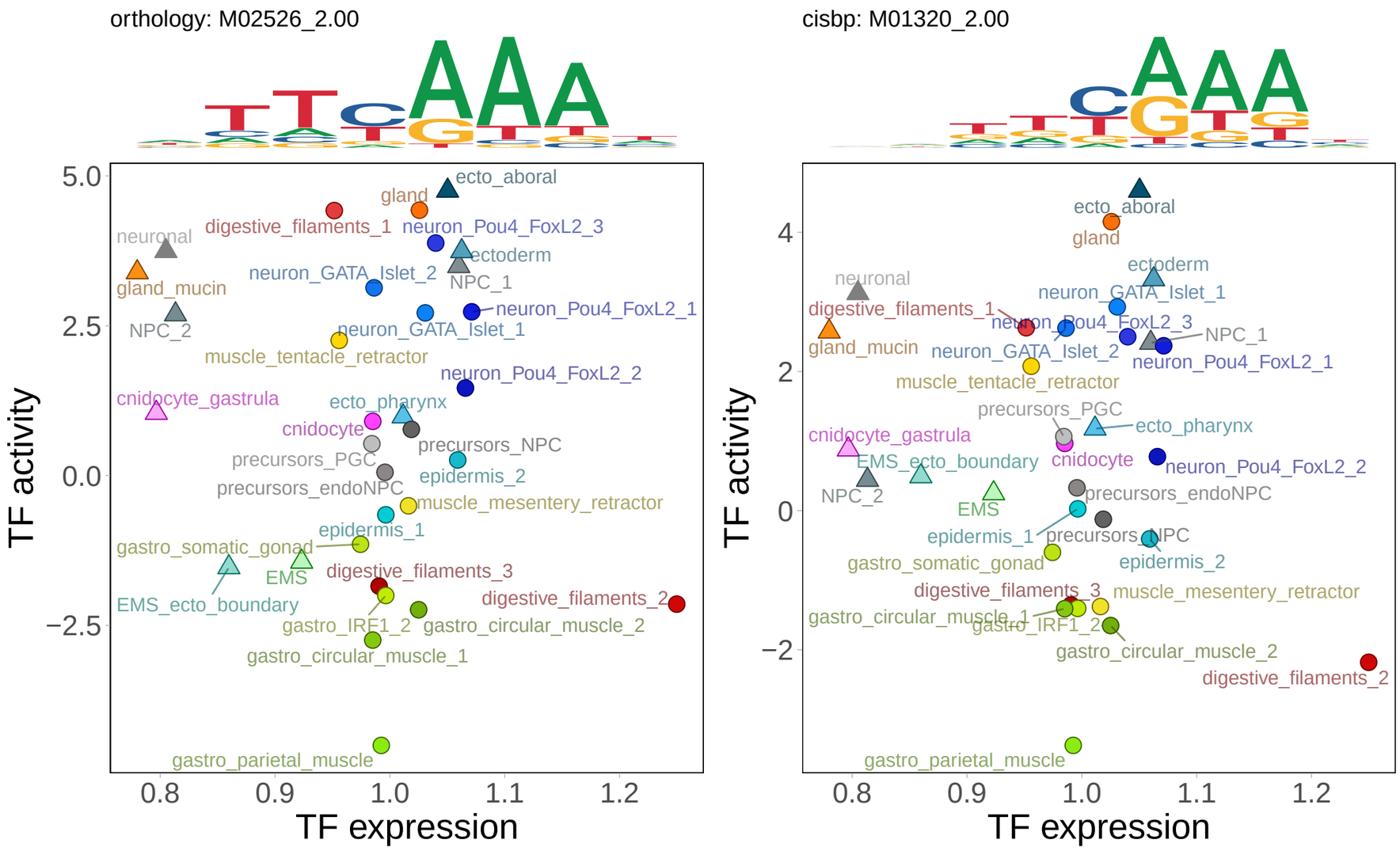


Nvec_vc1.1_XM_032380001.2
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/CDX2/CDX4/DLX1/DL
PFAM: Homeodomain

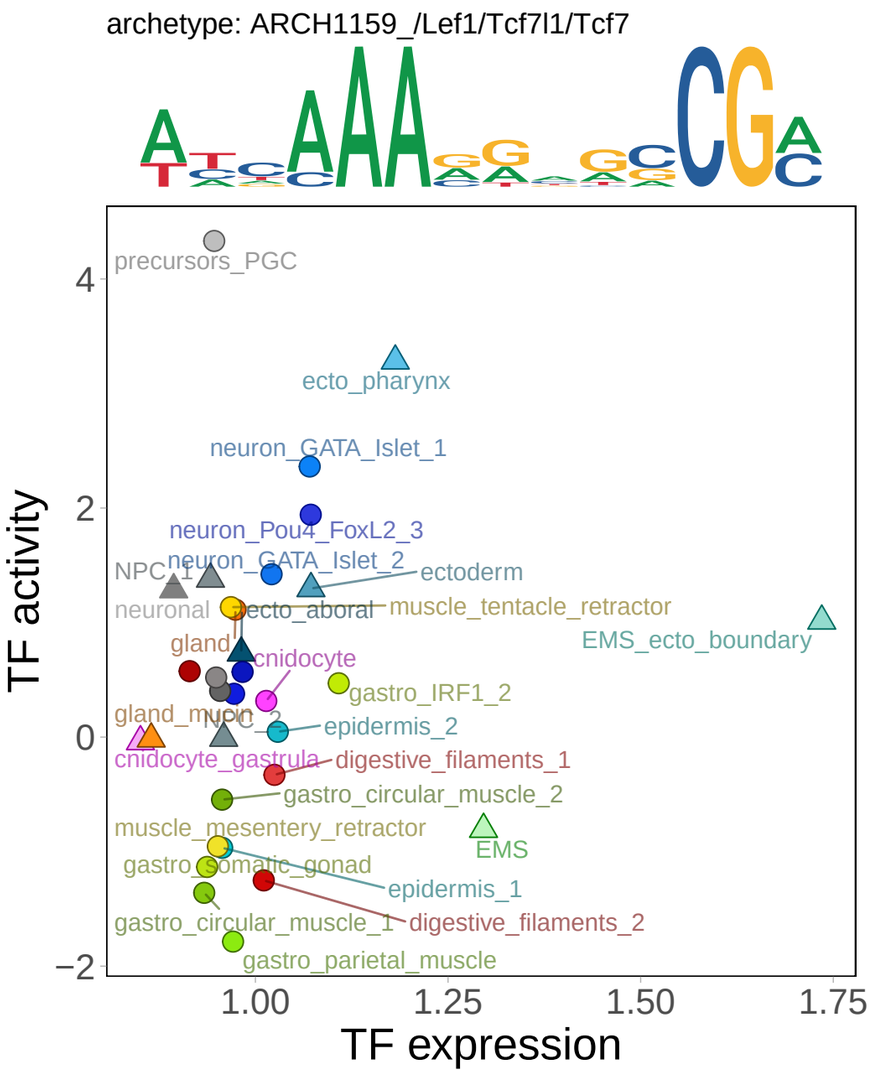


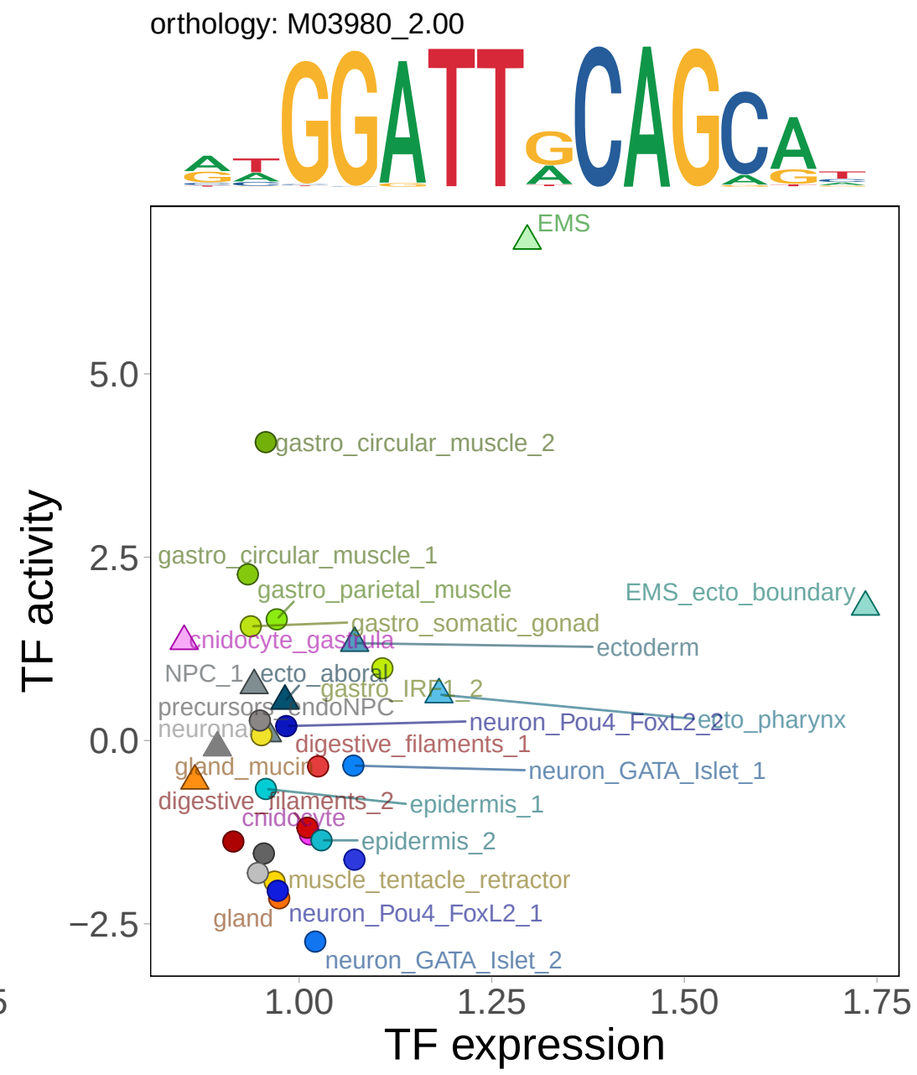


Nvec_vc1.1_XM_032380039.2
OG: Tesmin_TSO1−like.HG1.2:LIN54/TESMIN
PFAM: TCR/TCR

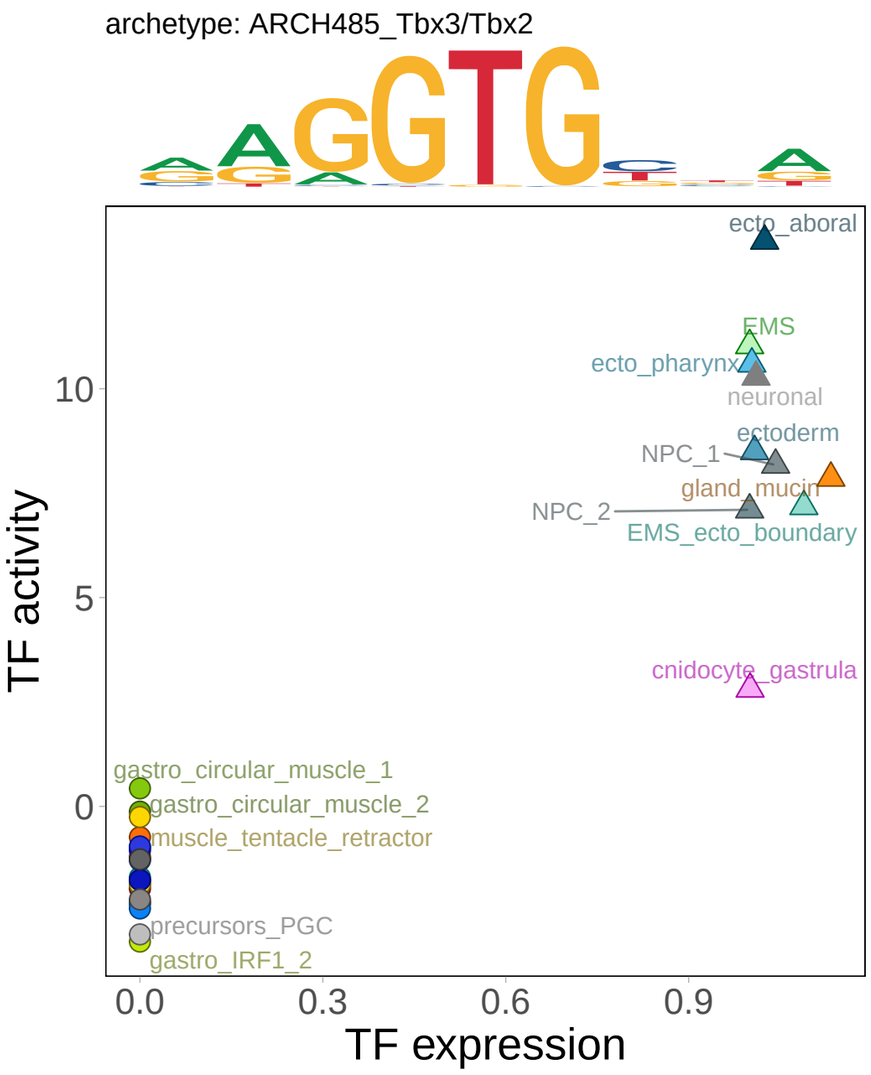


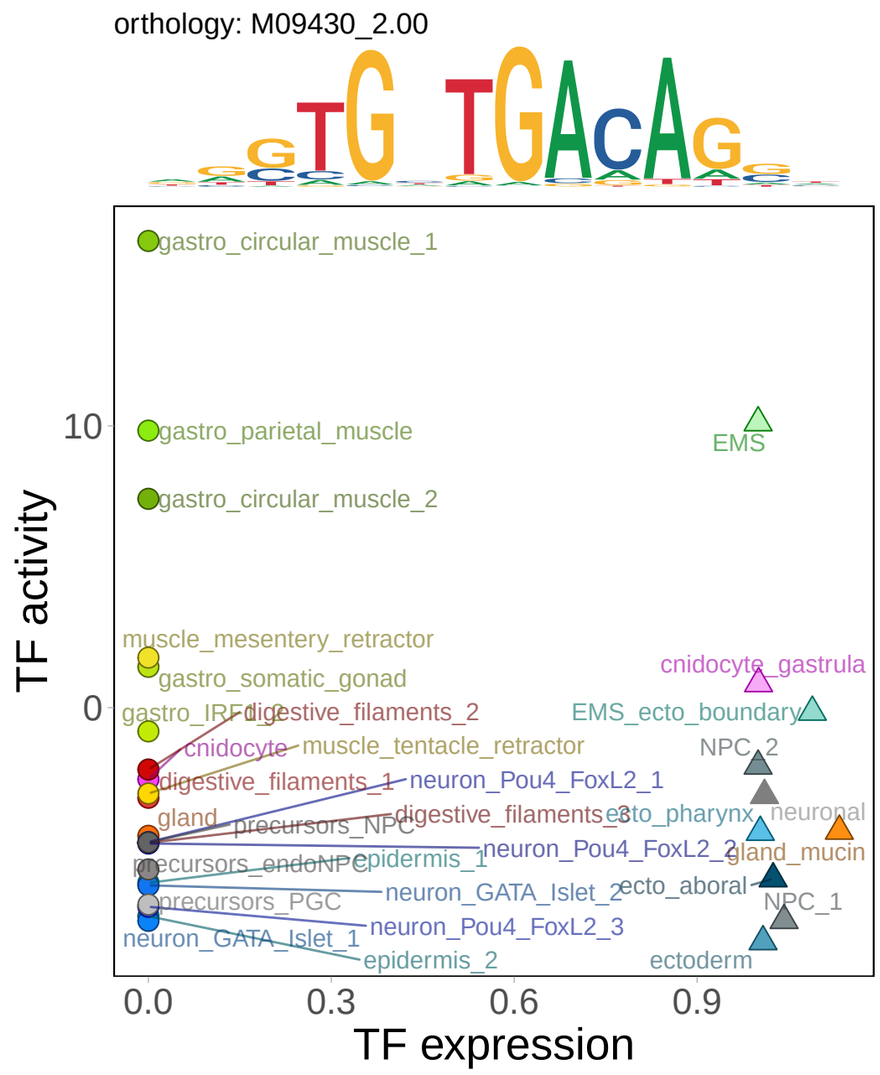
Nvec_vc1.1_XM_032380131.2
OG: HMGbox_Sox.HG1.38:SSRP1
PFAM: POB3_N/SSrecog/Rtt106/HMG_box



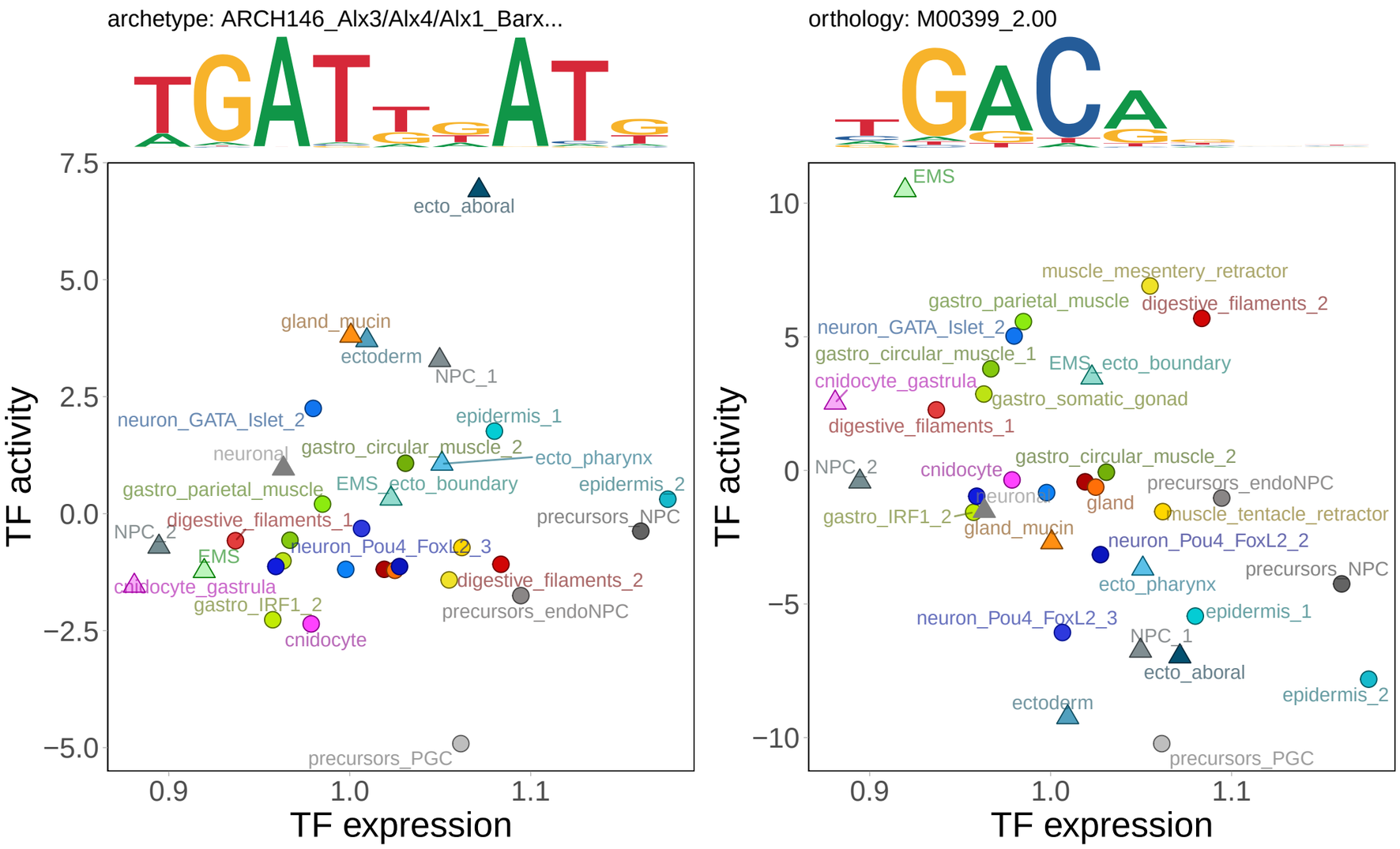


Nvec_vc1.1_XM_032380148.2
OG: T−box.HG1.2:like:MGA/TBX1/TBX2/TBX3/TBX4/TBX5/TBX6/TBX10/TBX15/TBX18/TBX20/TBX22
PFAM: T−box

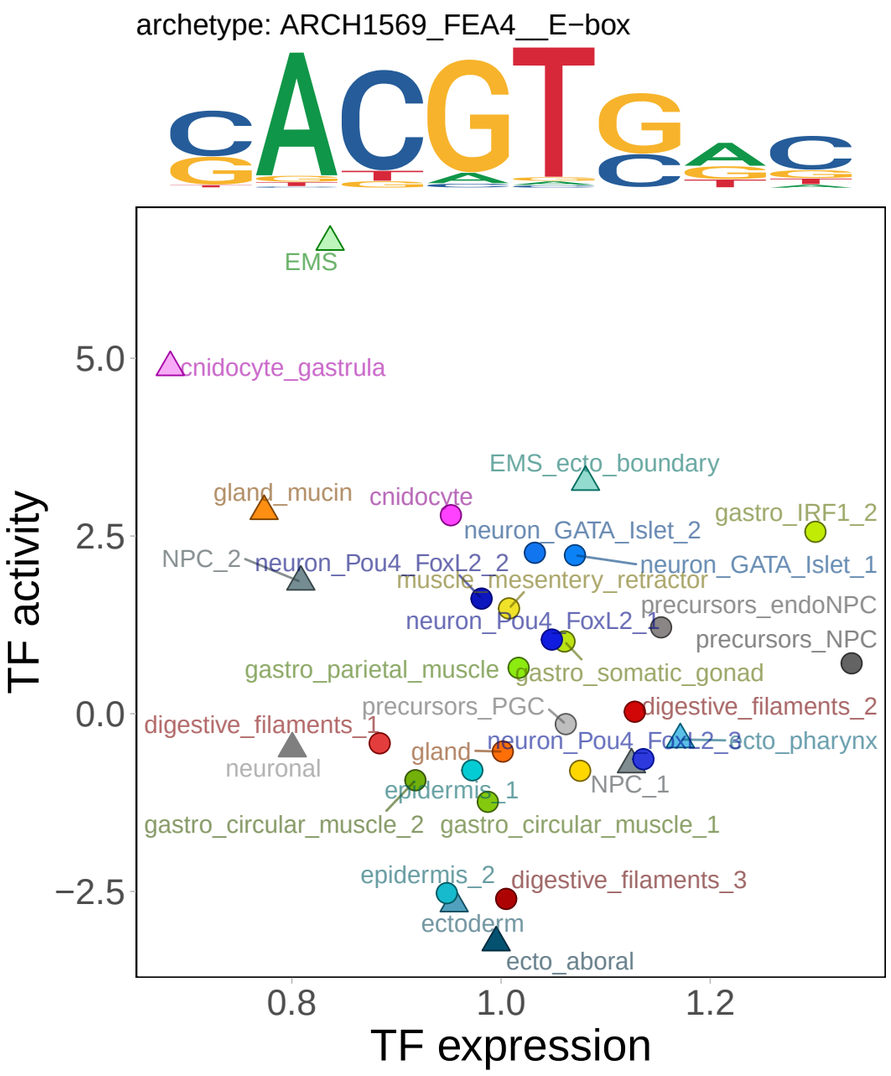


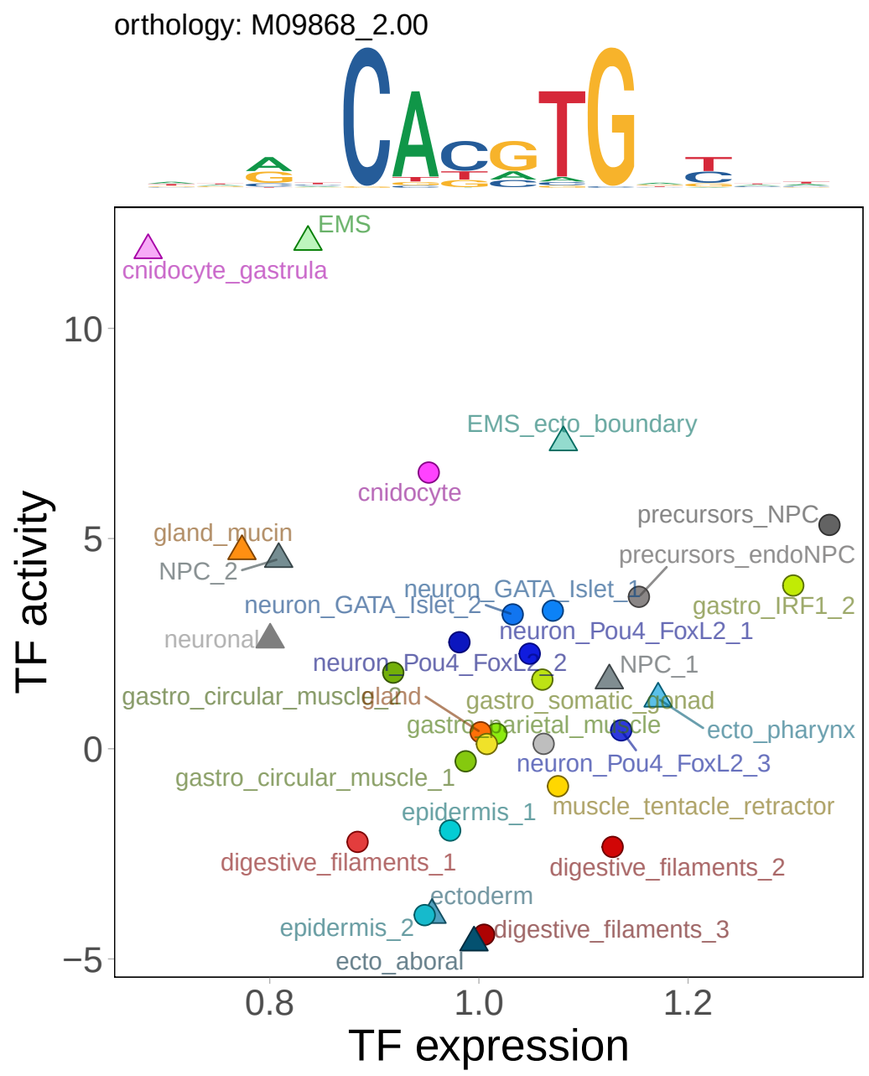


Nvec_vc1.1_XM_032380190.2
OG: Homeodomains.HG3.20:MEIS1/MEIS2/MEIS3/PKNOX1/PKNOX2
PFAM: Meis_PKNOX_N/Homeobox_KN

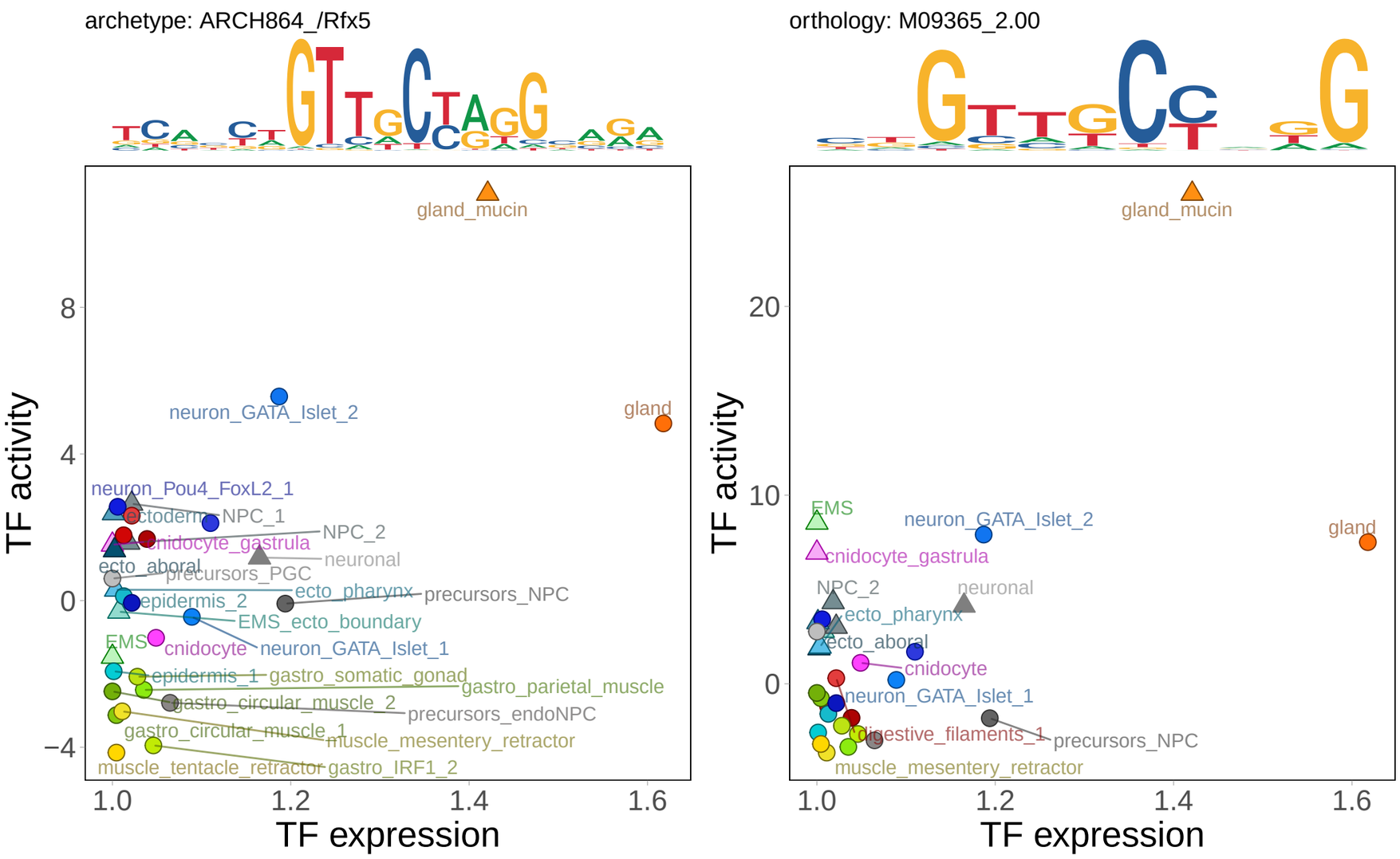


Nvec_vc1.1_XM_032380209.2
OG: HLH.HG1.40:USF1/USF2
PFAM: HLH

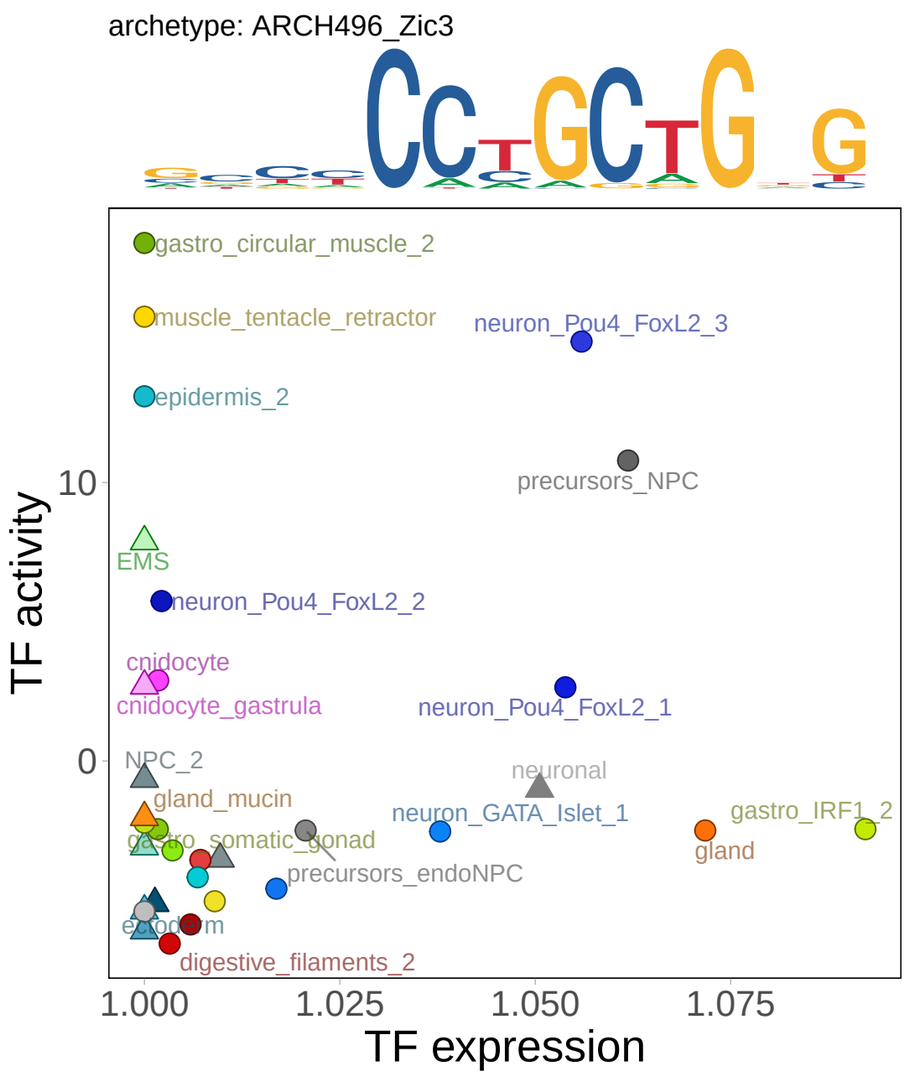




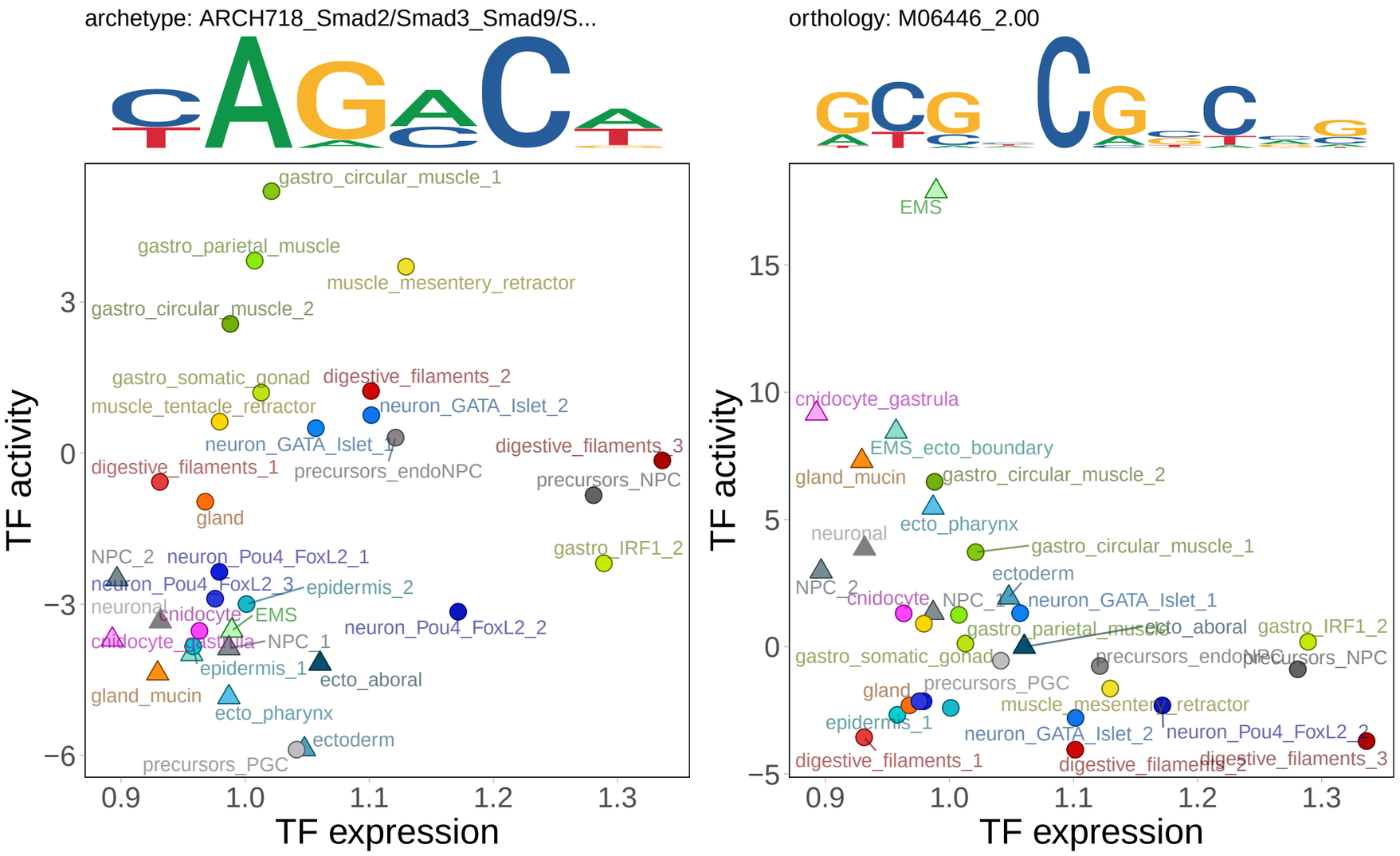
Nvec_vc1.1_XM_032380334.2
OG: RFX.HG1.6:like:RFX6
PFAM: RFX_DNA_binding



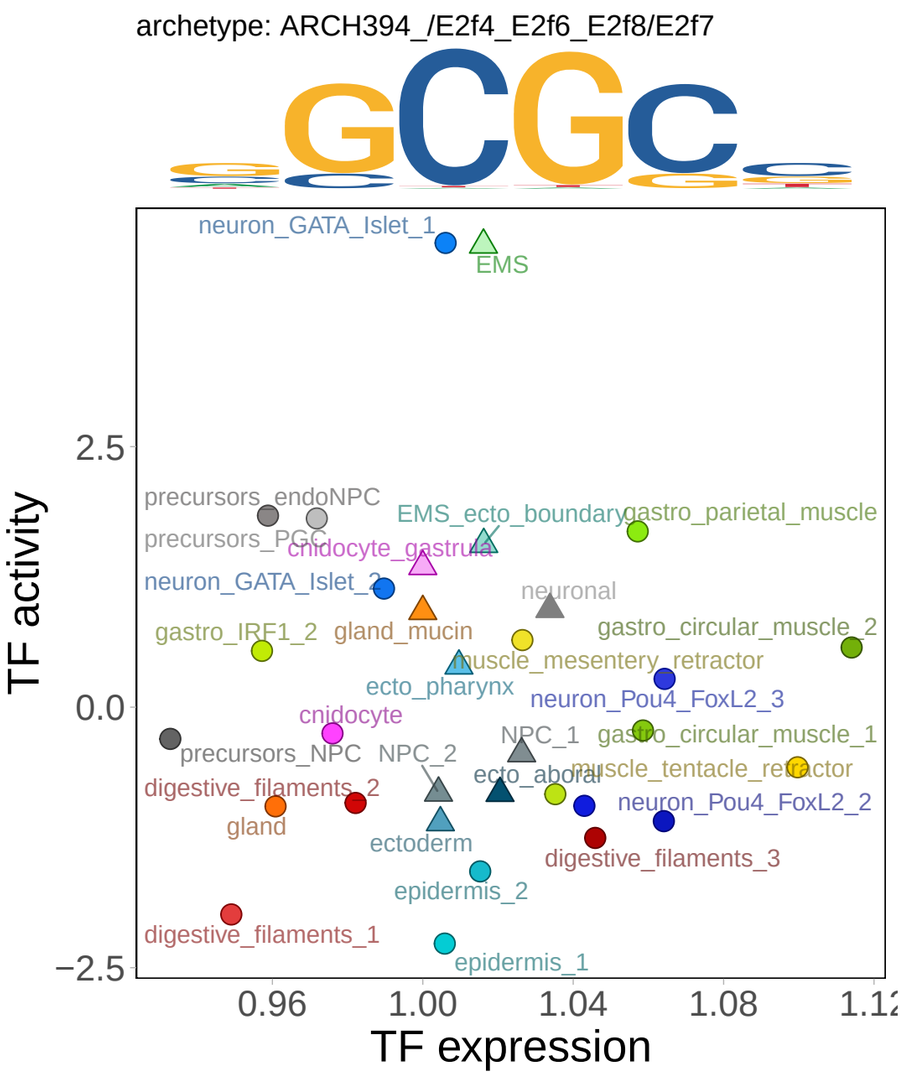
Nvec_vc1.1_XM_032380417.2
OG: zf−C2H2.HG2.2:like:MTF1/ZNF76/ZNF143
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6

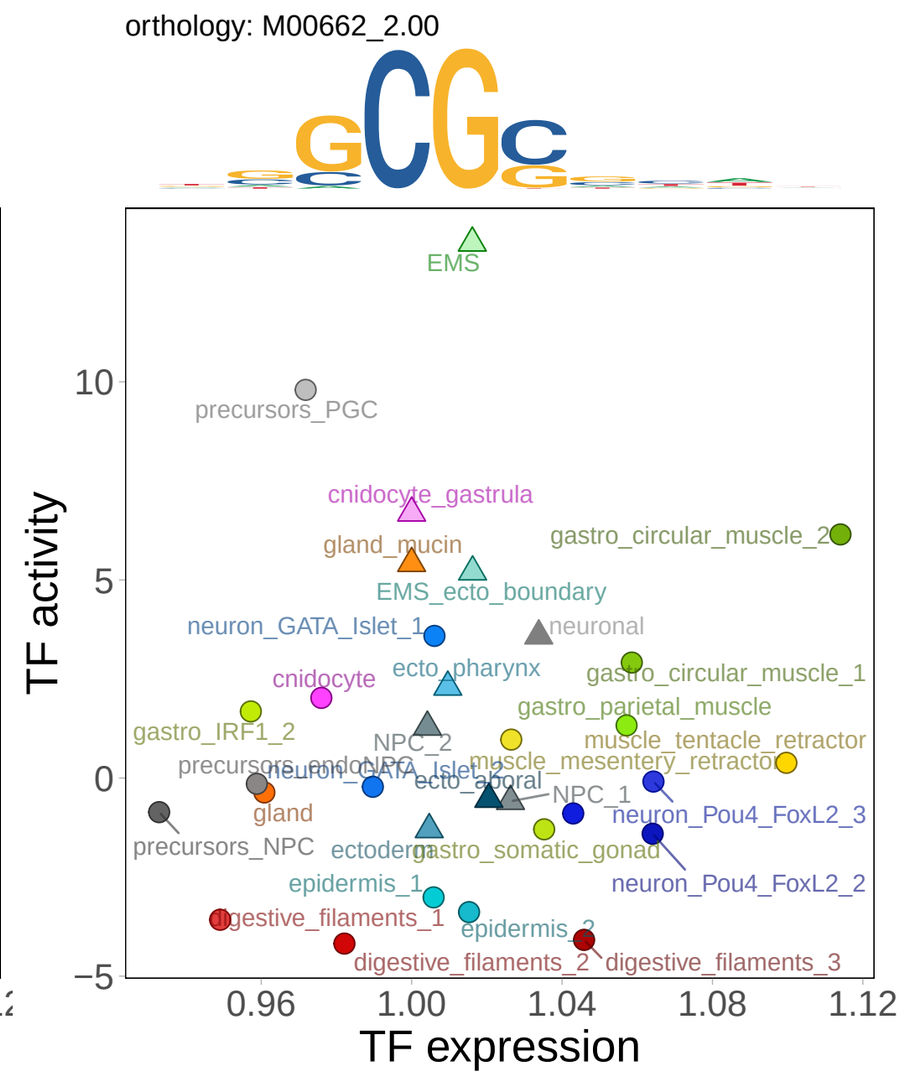


Nvec_vc1.1_XM_032380573.2
OG: SMAD_MH1.HG1.0:SMAD6/SMAD7
PFAM: MH1/MH2

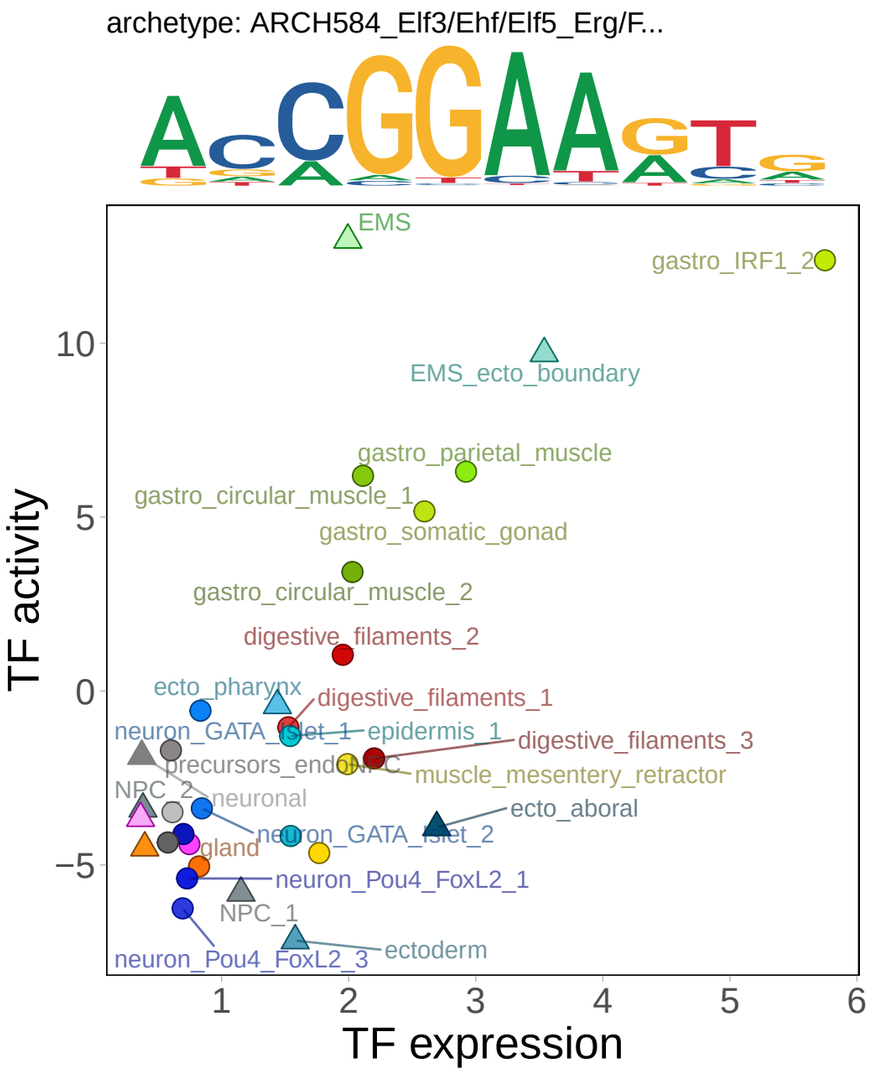


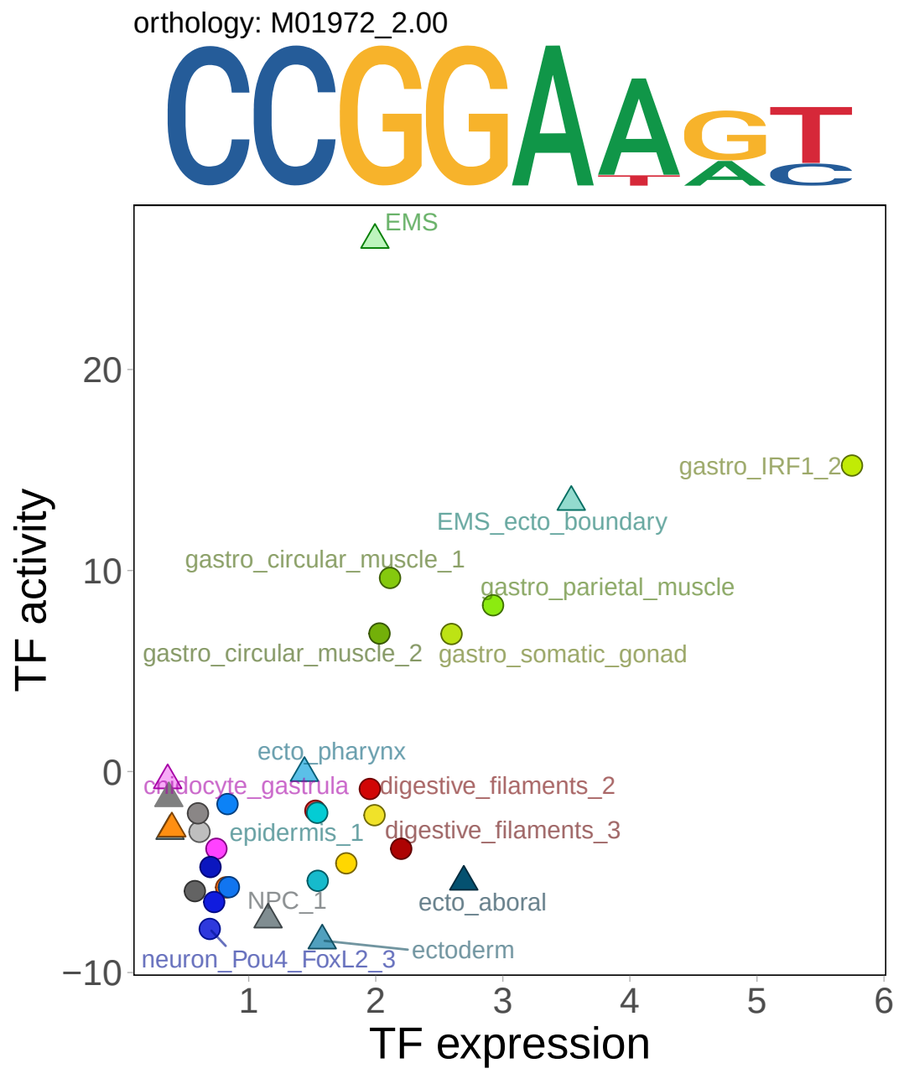
Nvec_vc1.1_XM_032380735.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB



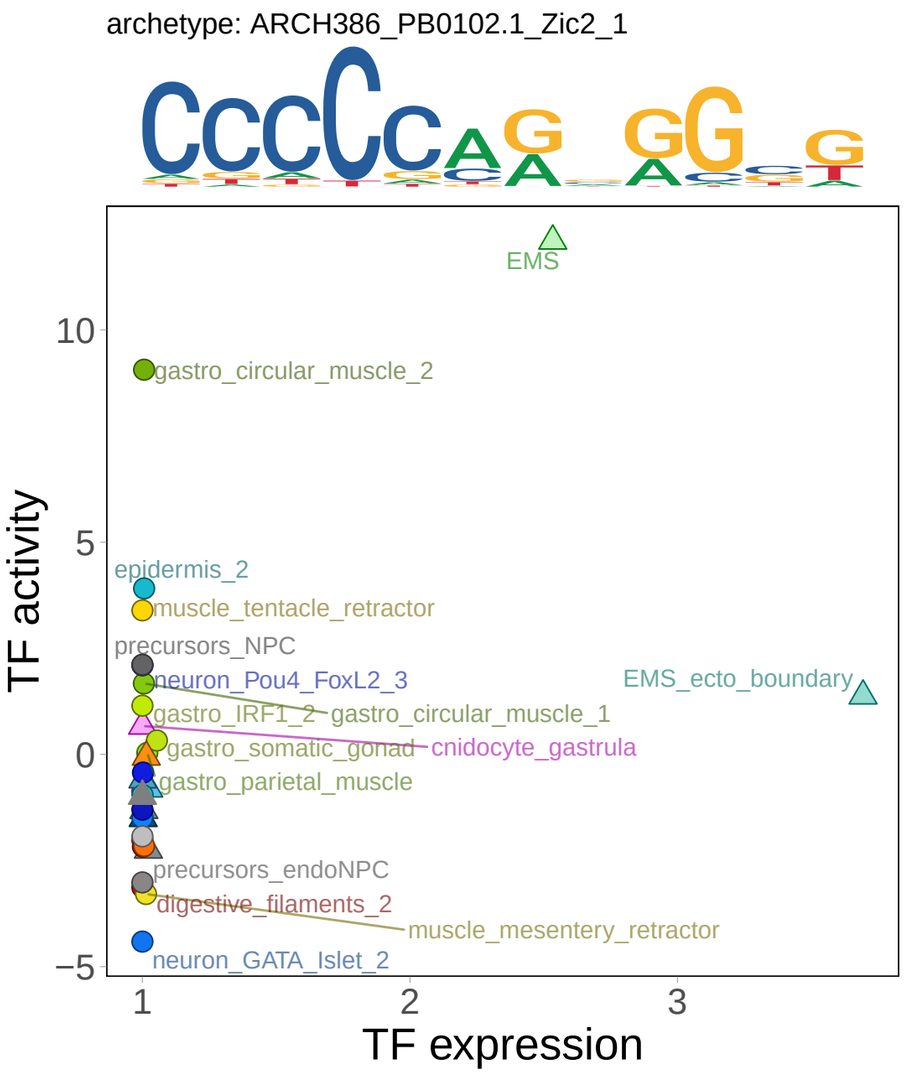


Nvec_vc1.1_XM_032380975.2
OG: Ets.HG1.5:ERF/ERFL/ERG/ETV3/ETV3L/FEV/FLI1
PFAM: SAM_PNT/Ets

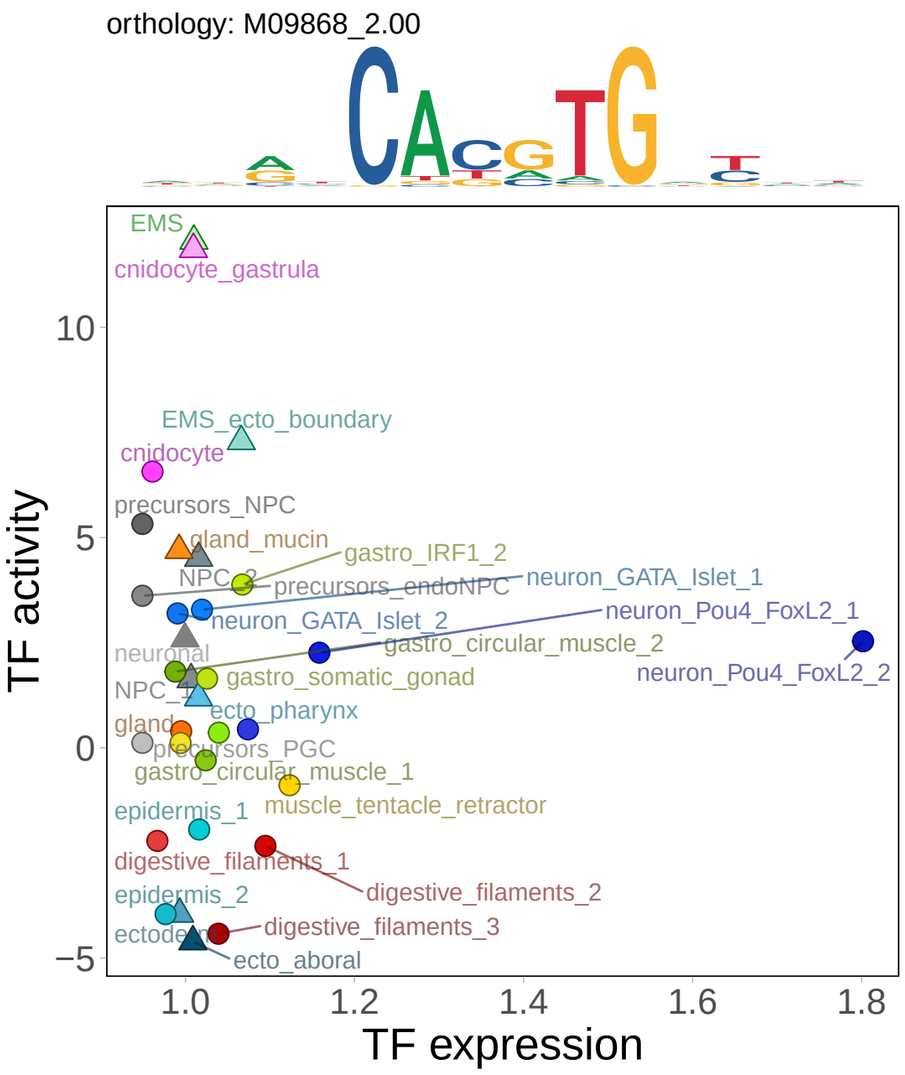




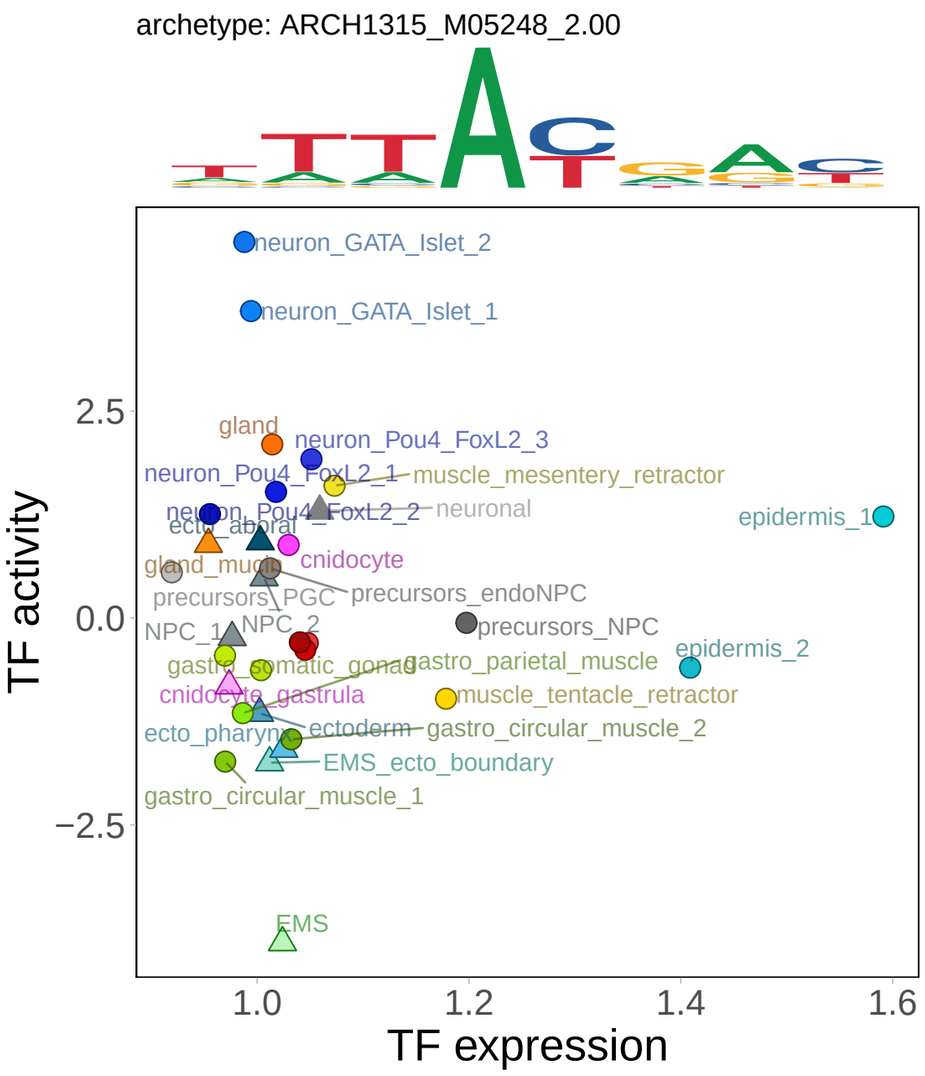
Nvec_vc1.1_XM_032381020.2
OG: zf−C2H2.HG4.7:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
PFAM: zf_ZIC/zf−C2H2/zf−C2H2



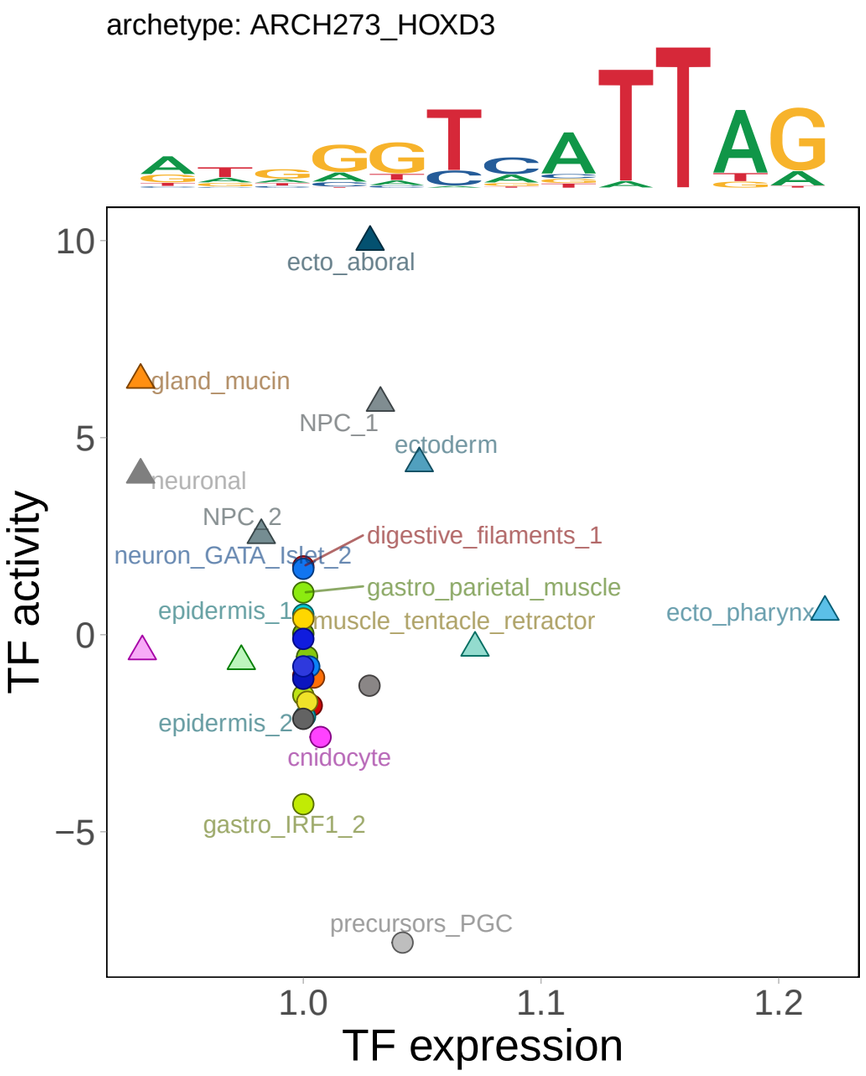
Nvec_vc1.1_XM_032381049.2
OG: HLH.HG1.39:like:USF1/USF2
PFAM: HLH

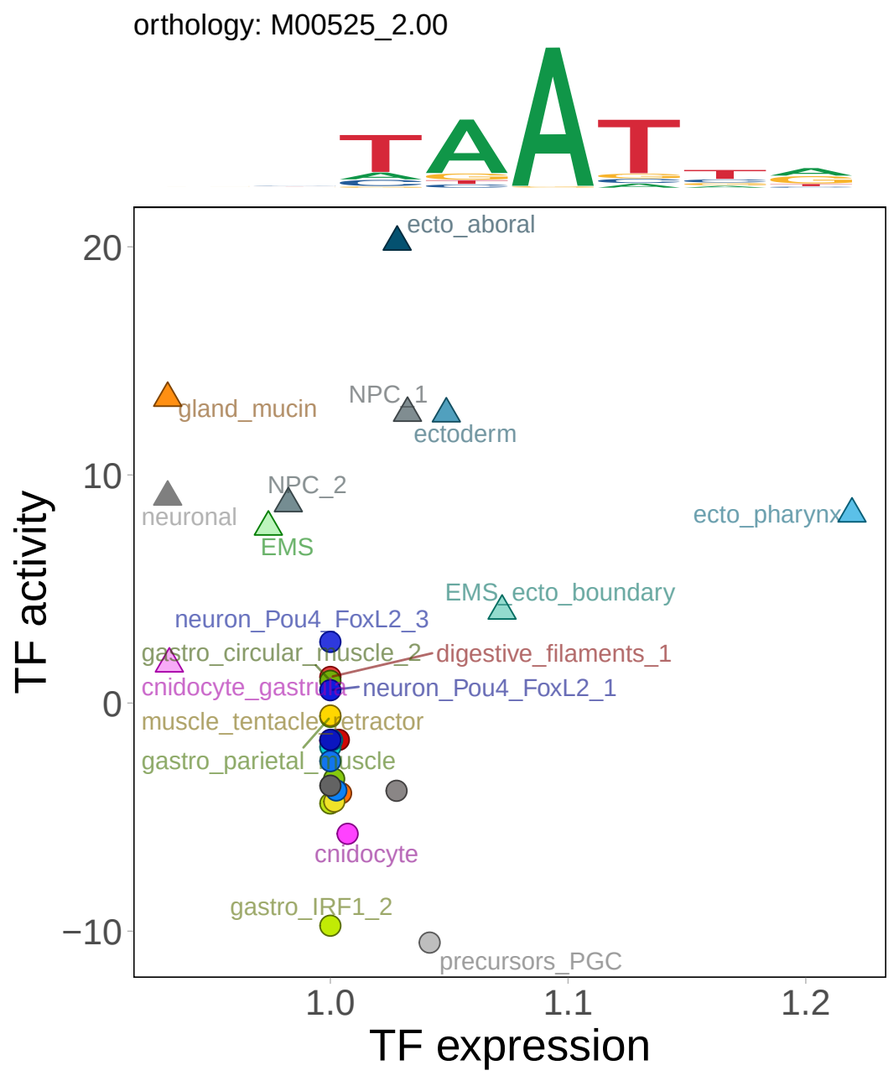


Nvec_vc1.1_XM_032381059.2
OG: Homeodomains.HG3.2:CERS2/CERS3/CERS4/CERS5/CERS6
PFAM: Homeodomain/TRAM_LAG1_CLN8

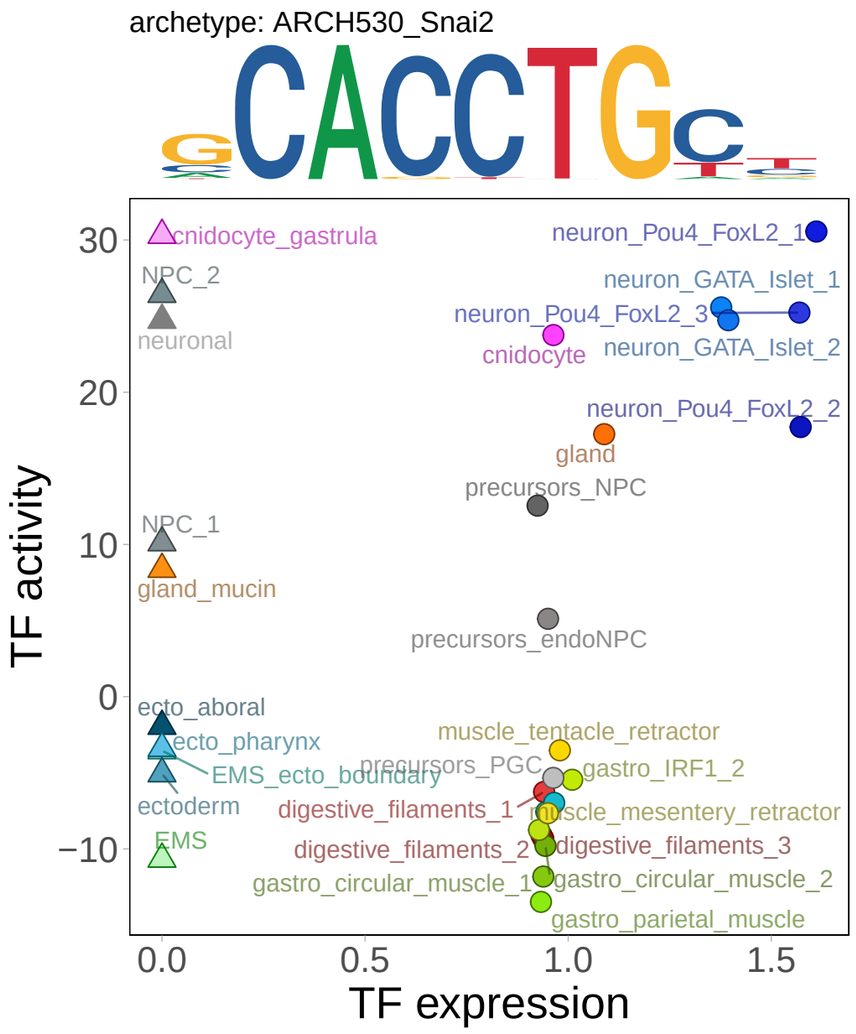


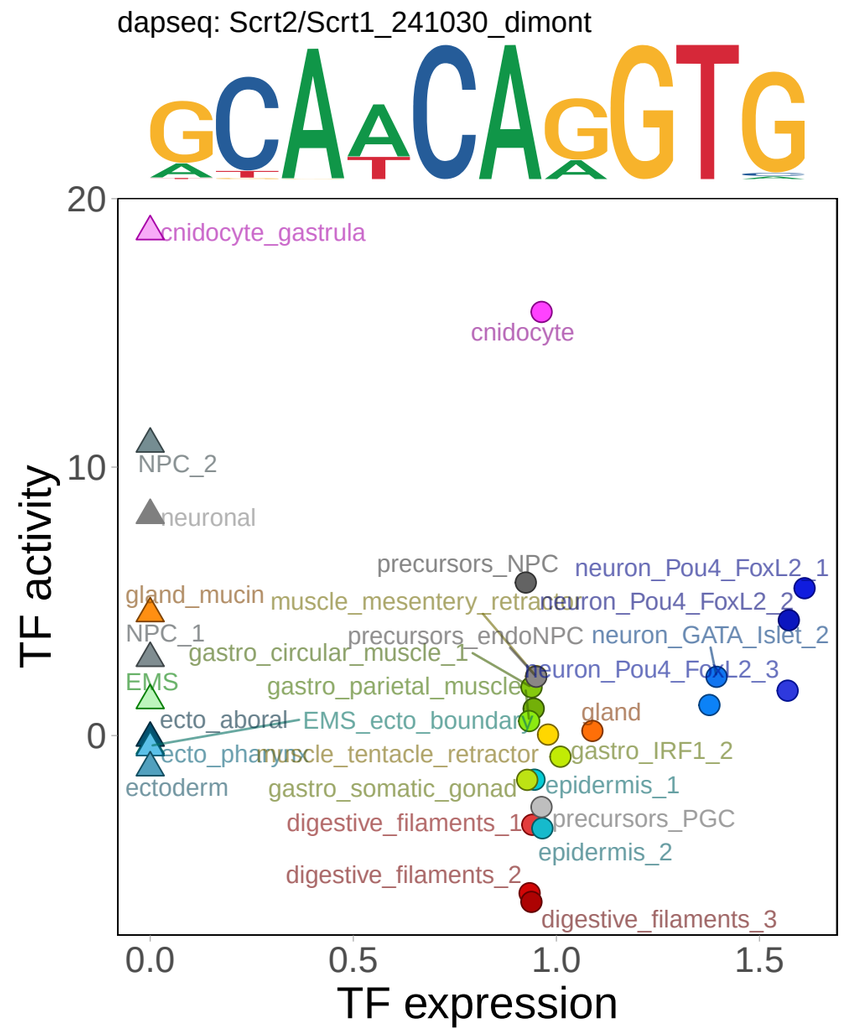
Nvec_vc1.1_XM_032381099.2
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/CDX2/CDX4/DLX1/DL
PFAM: Homeodomain

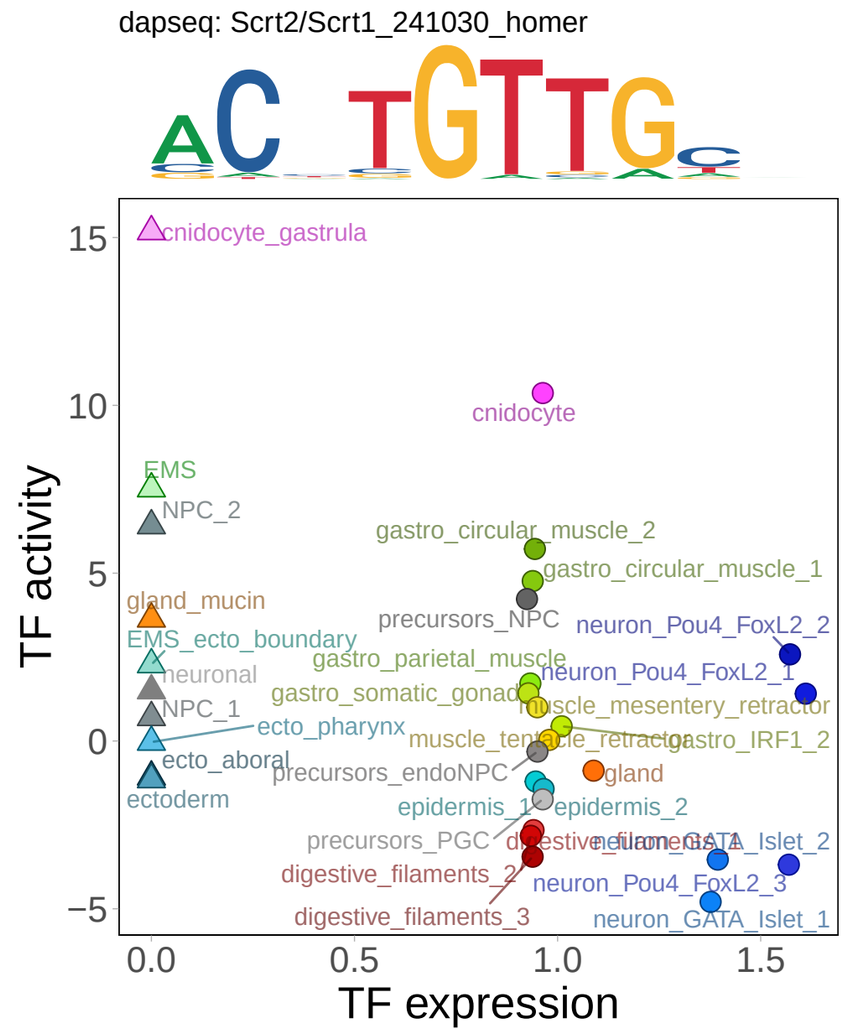


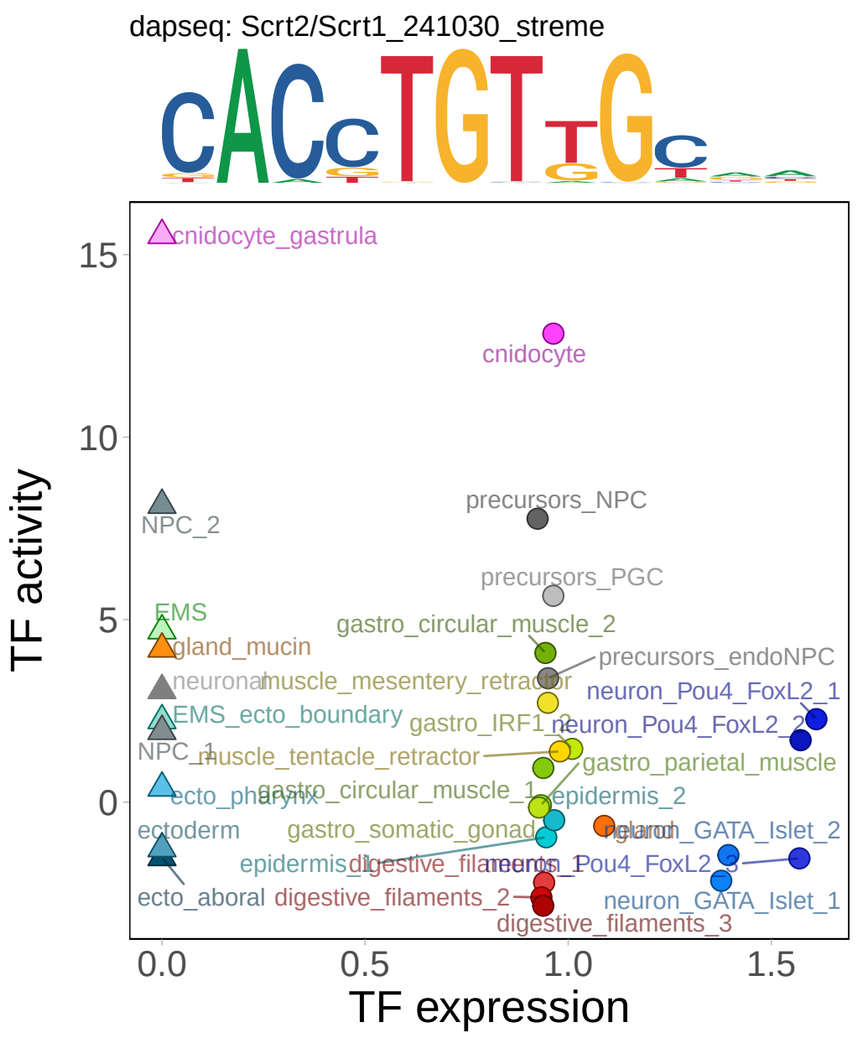


Nvec_vc1.1_XM_032381270.2
OG: zf−C2H2.HG7.4:SCRT1/SCRT2
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

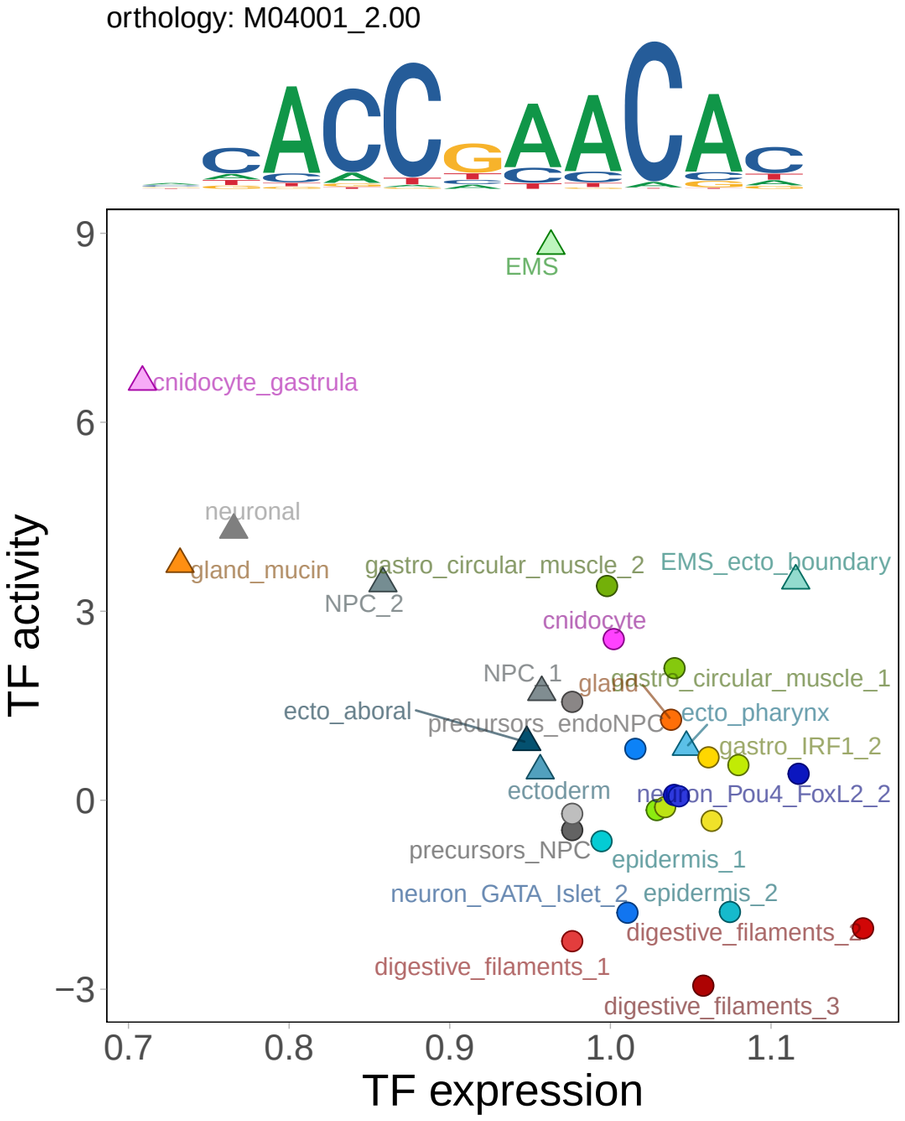




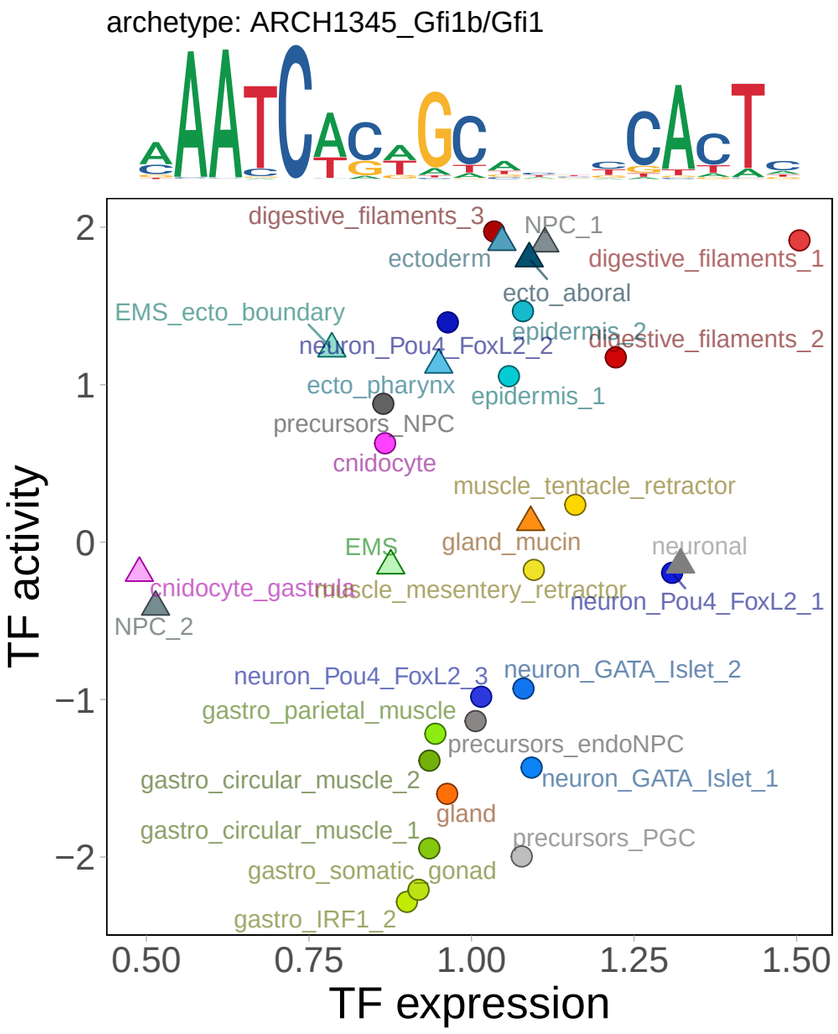


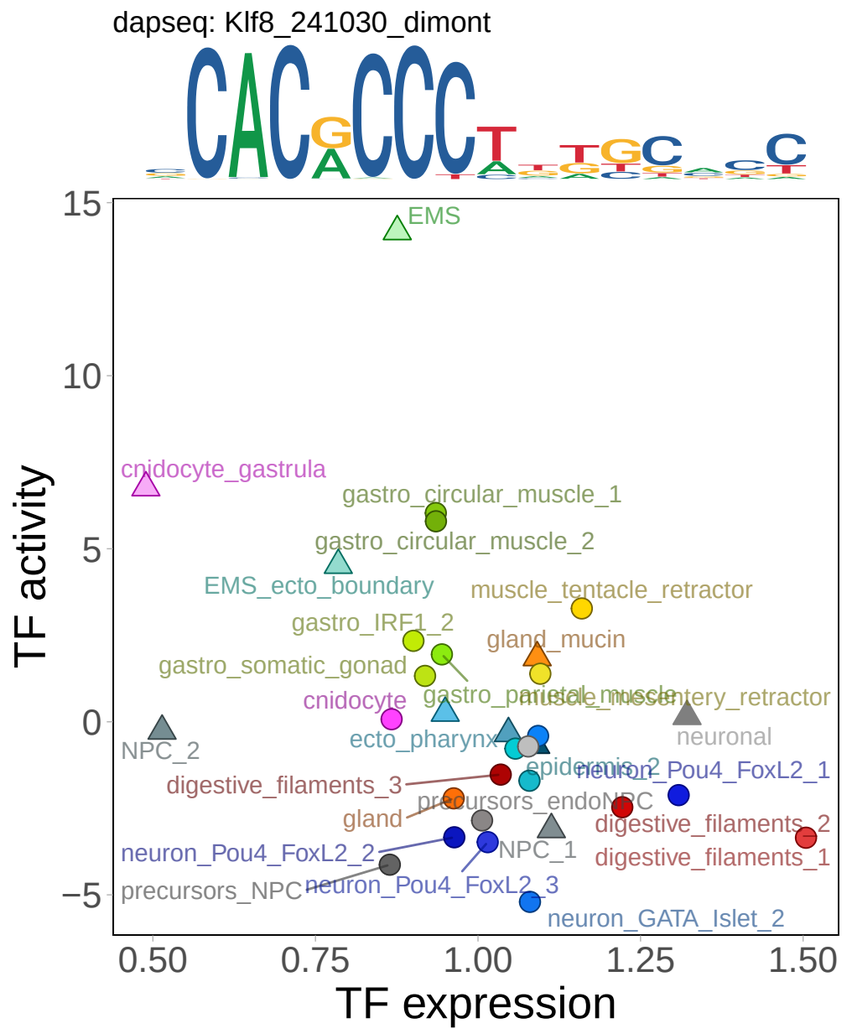


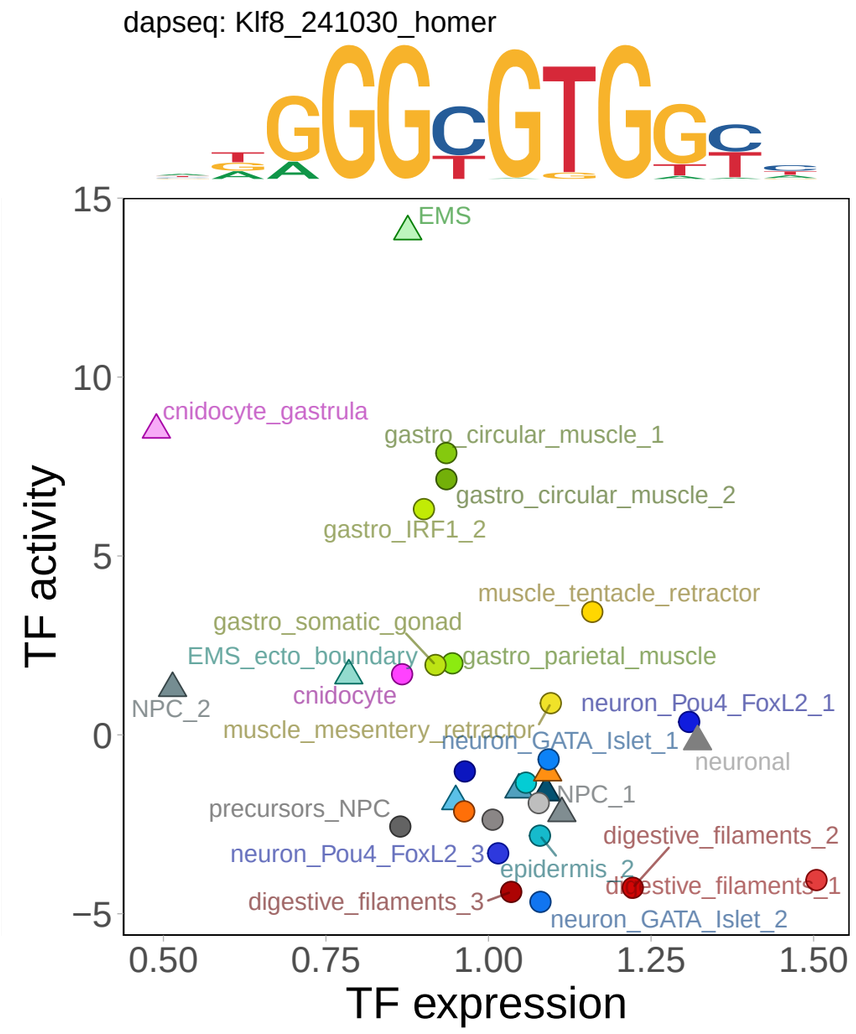
orthology: M04001_2.00

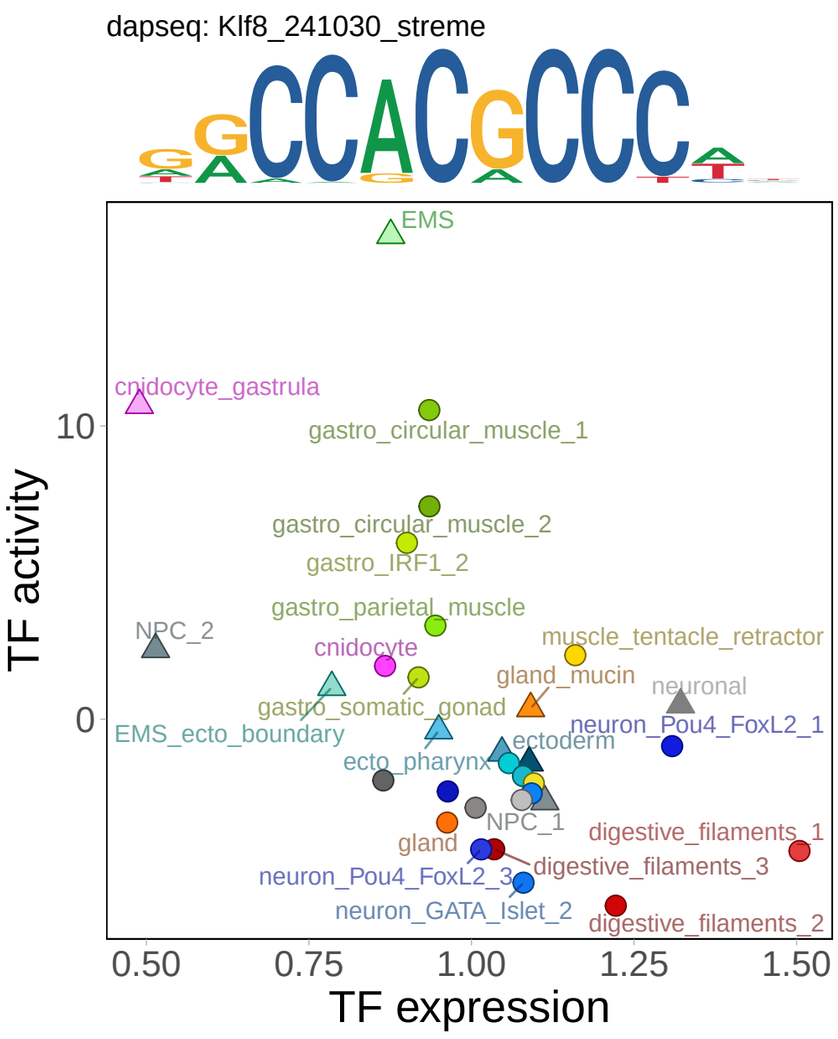


Nvec_vc1.1_XM_032381562.2
OG: zf−C2H2.HG2.18:like:KLF5/KLF6/KLF7
PFAM: zf−C2H2/zf−C2H2/zf−C2H2



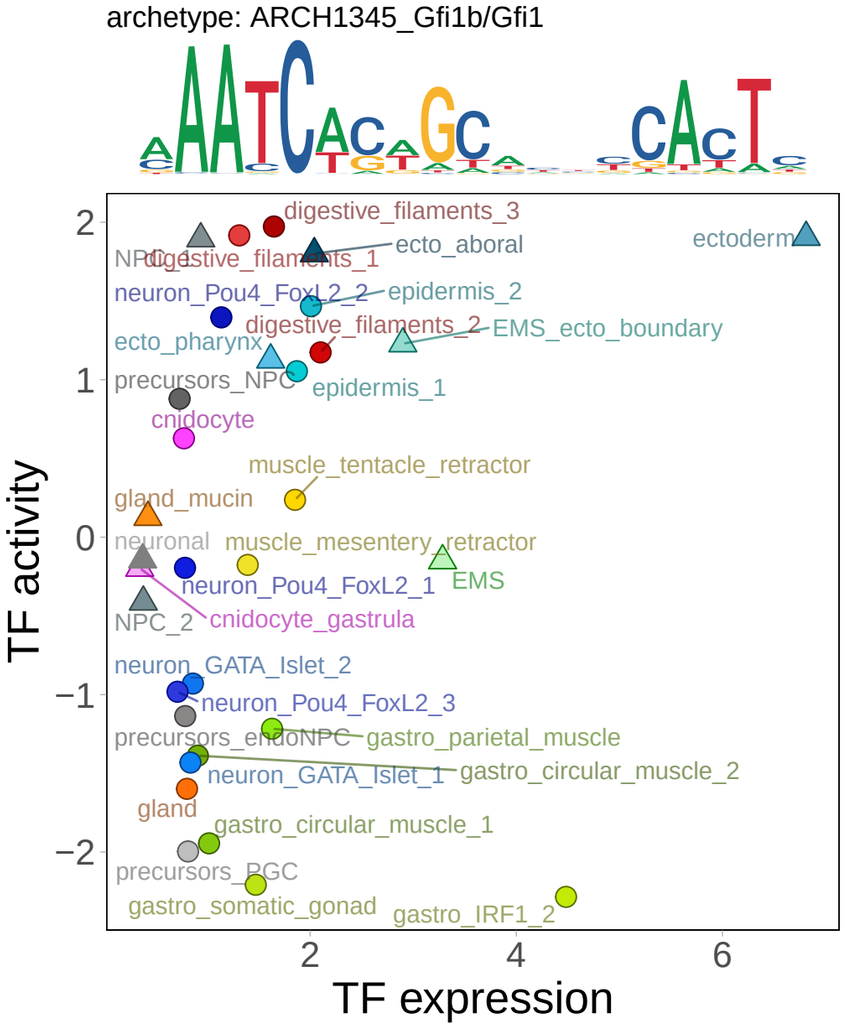




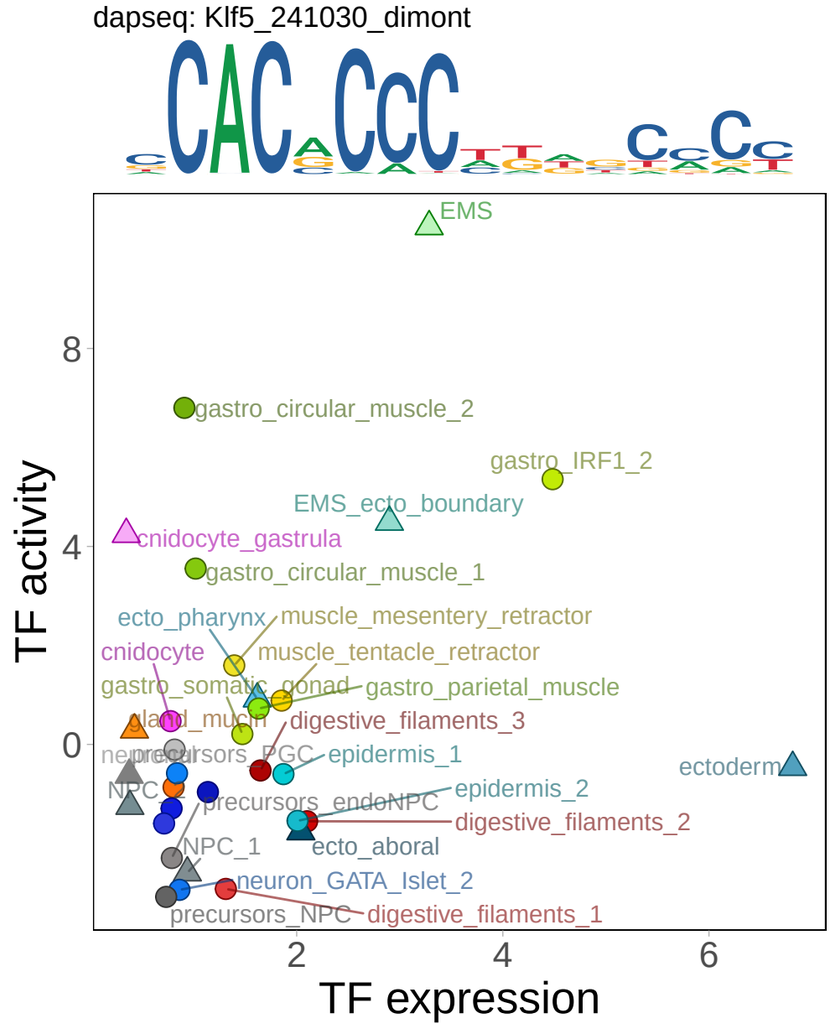


Nvec_vc1.1_XM_032381586.2
OG: zf−C2H2.HG2.21:KLF5
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

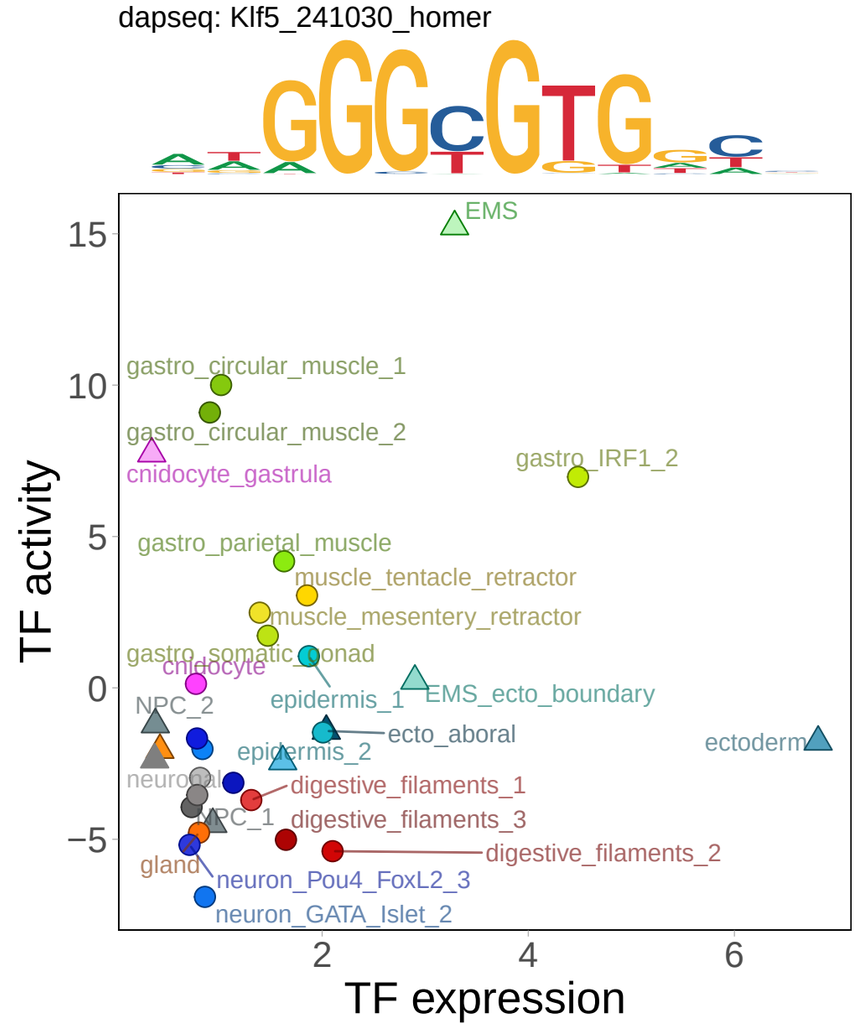
archetype: ARCH1345_Gfi1b/Gfi1



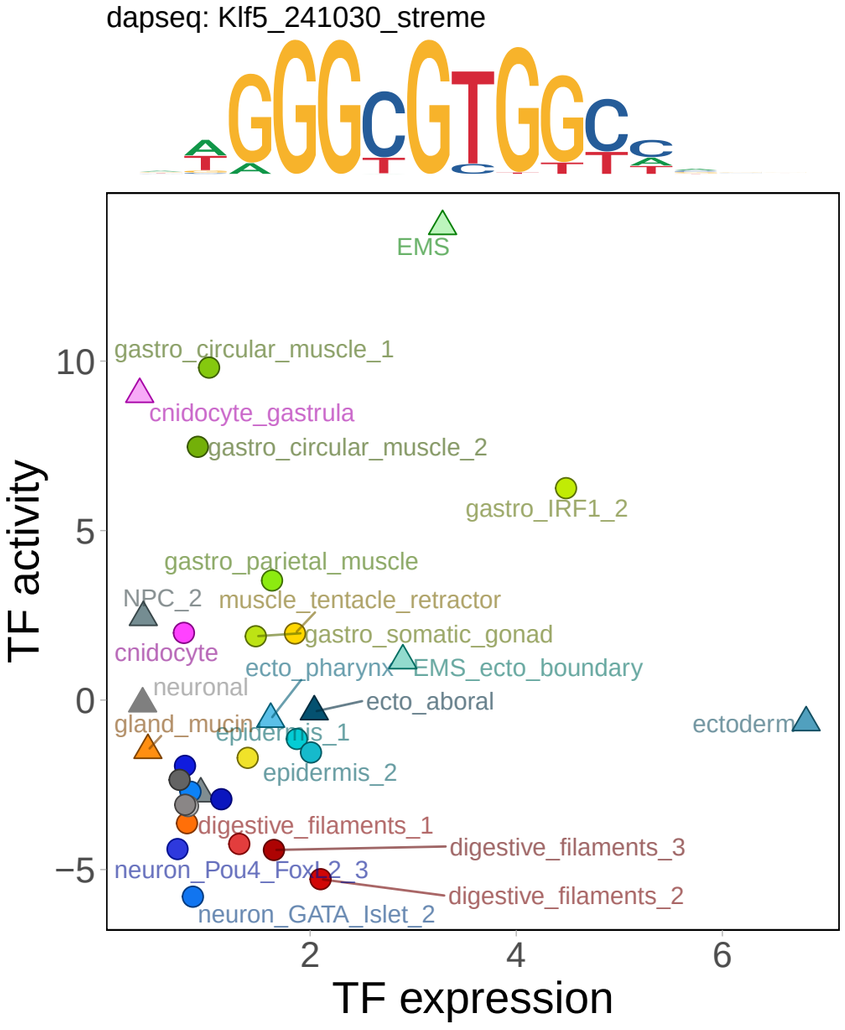
dapseq: Klf5_241030_dimont



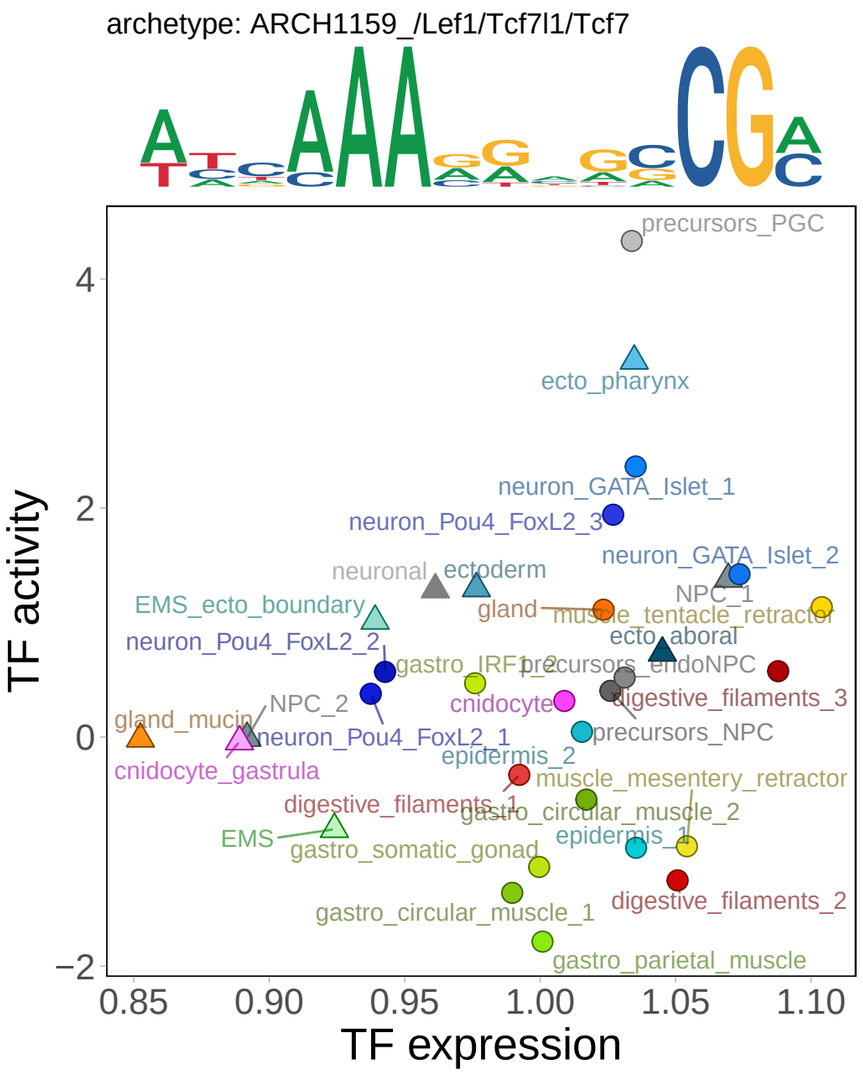
dapseq: Klf5_241030_homer

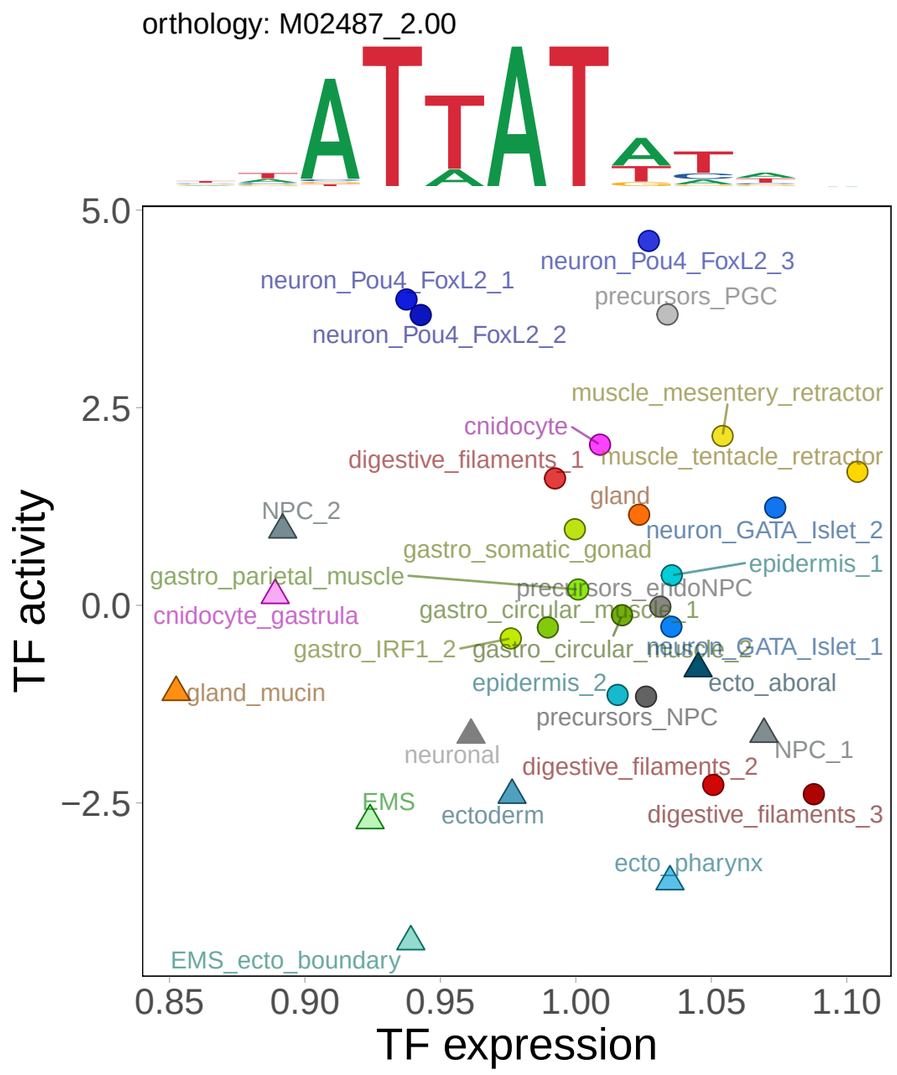


dapseq: Klf5_241030_streme

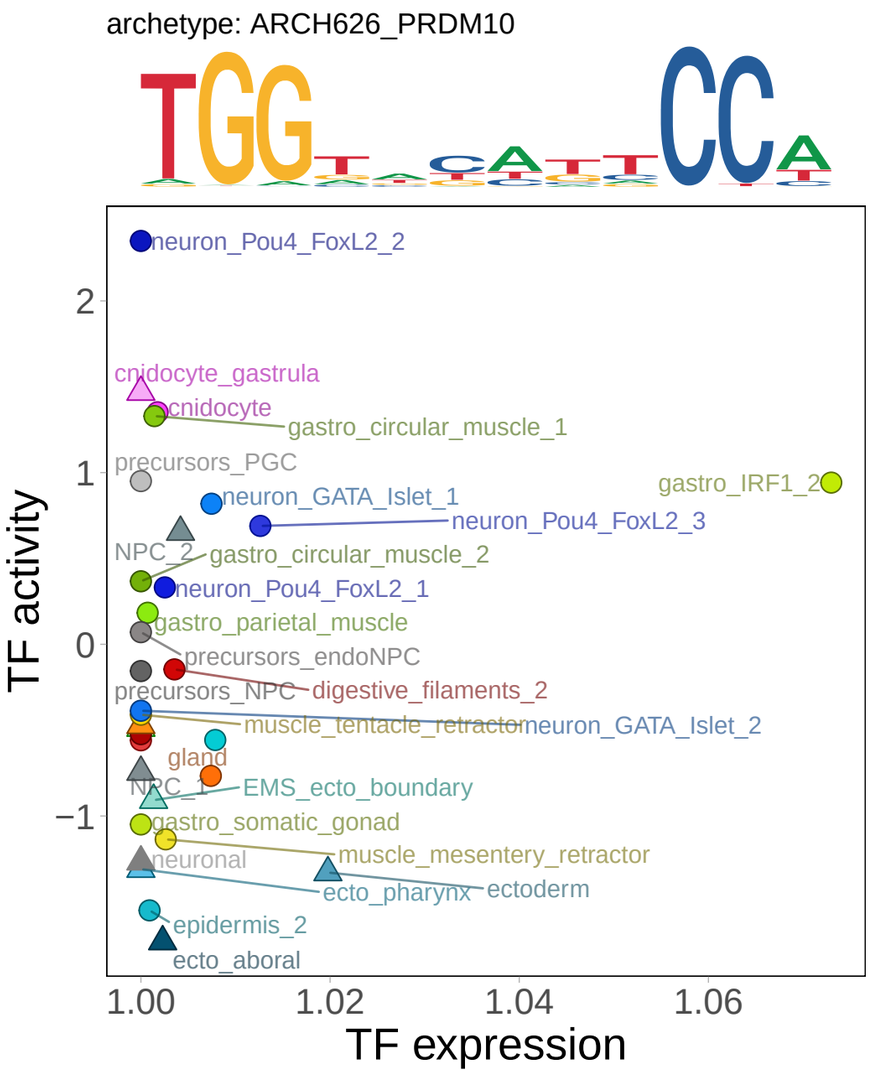


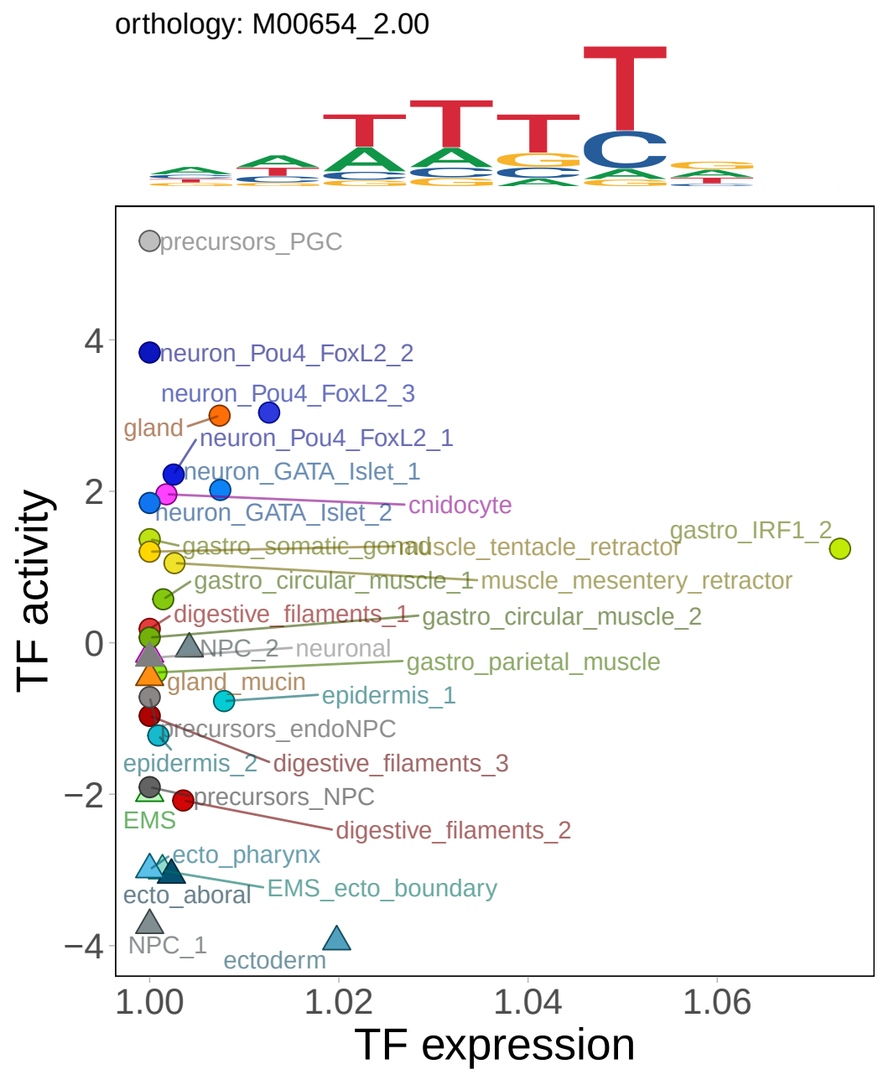
Nvec_vc1.1_XM_032381587.2
OG: HMGbox_Sox.HG1.51:like:SMARCE1
PFAM: HMG_box



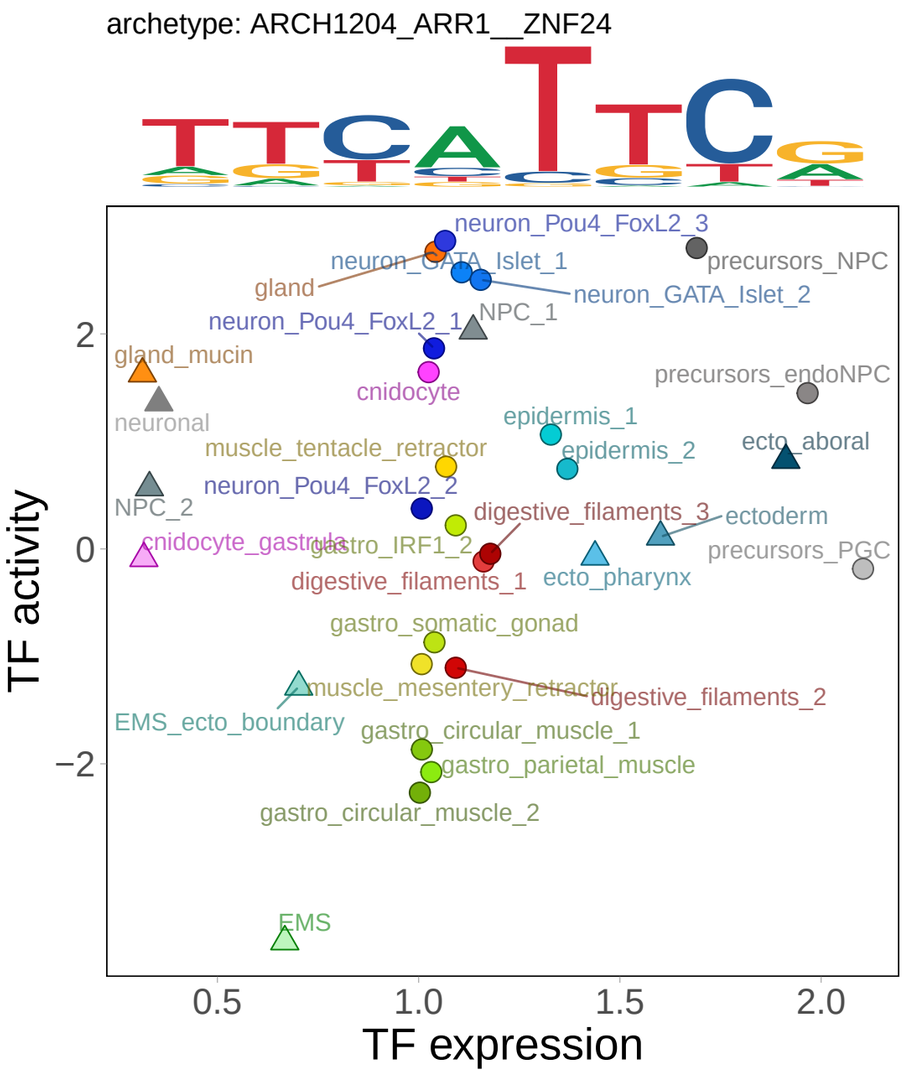


Nvec_vc1.1_XM_032381617.2
OG: Doublesex_DM.HG1.18:like:DMRT3
PFAM: DM

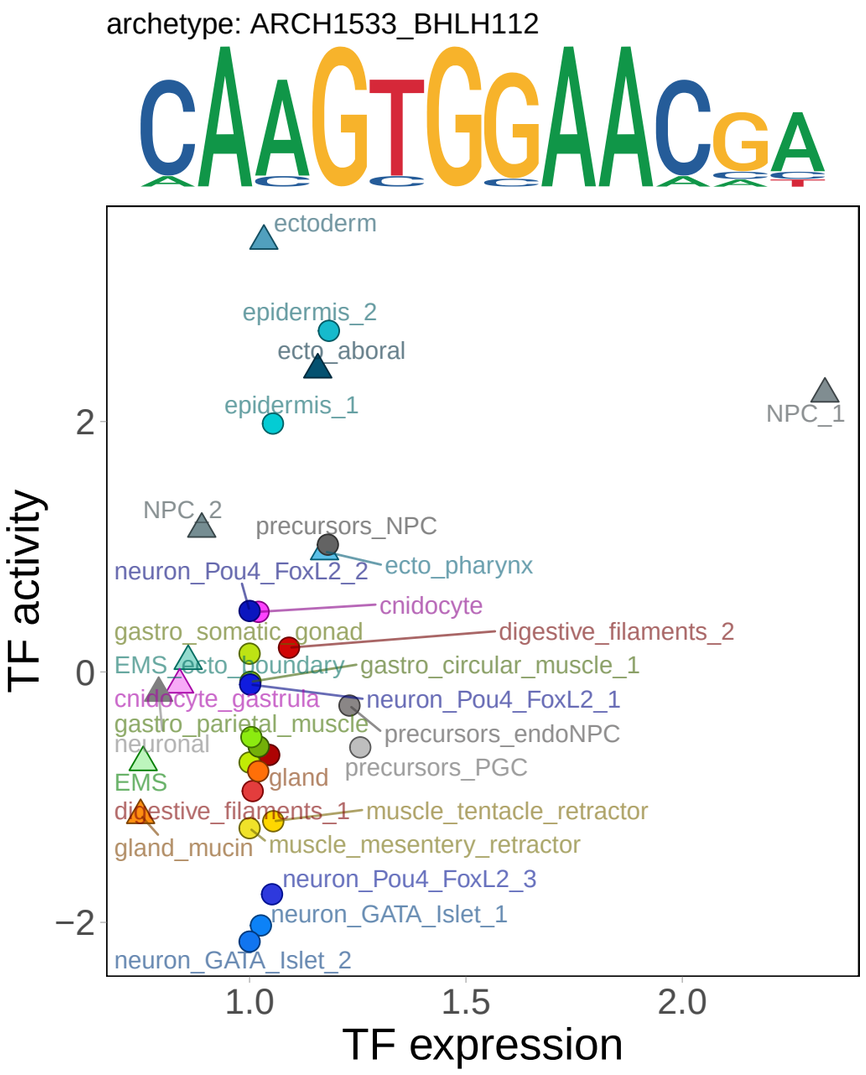


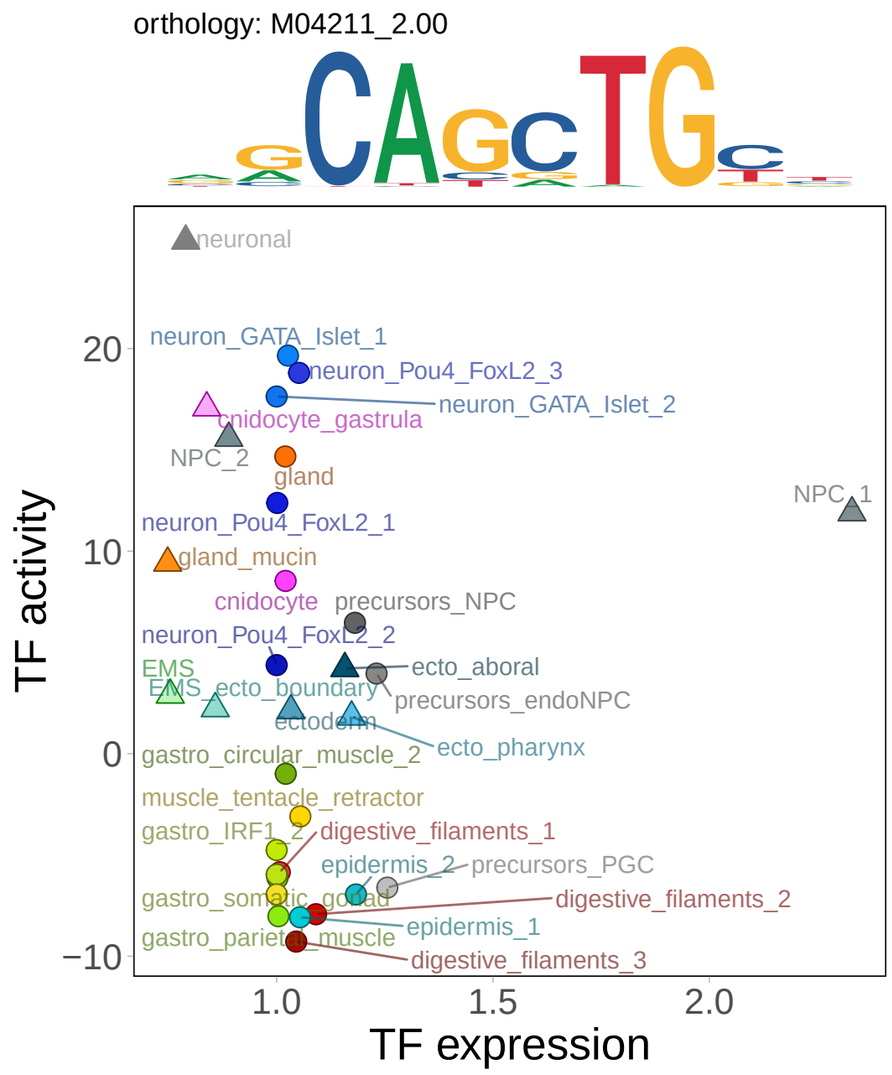


Nvec_vc1.1_XM_032381719.2
OG: zf−C2H2.HG1.122:ZNF367
PFAM: zf−C2H2_6/zf−C2H2

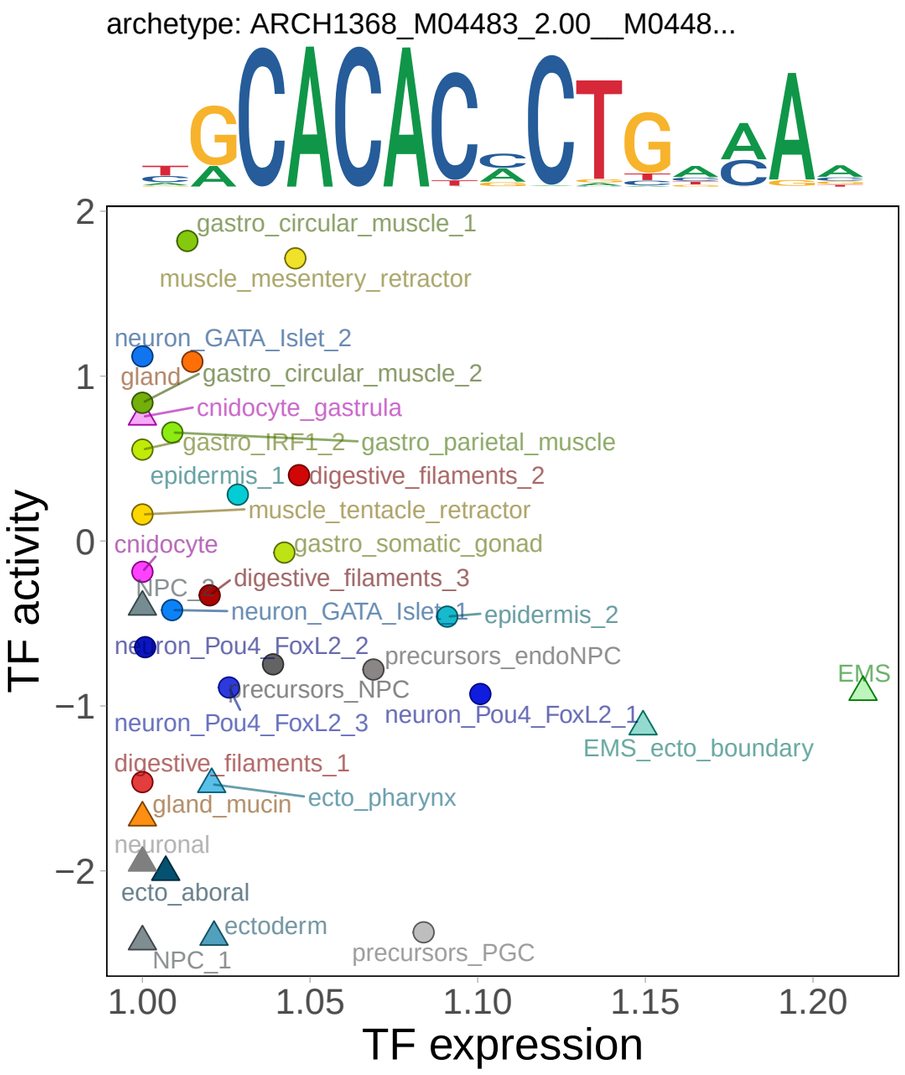


Nvec_vc1.1_XM_032381869.2
OG: HLH.HG1.64:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5
PFAM: HLH

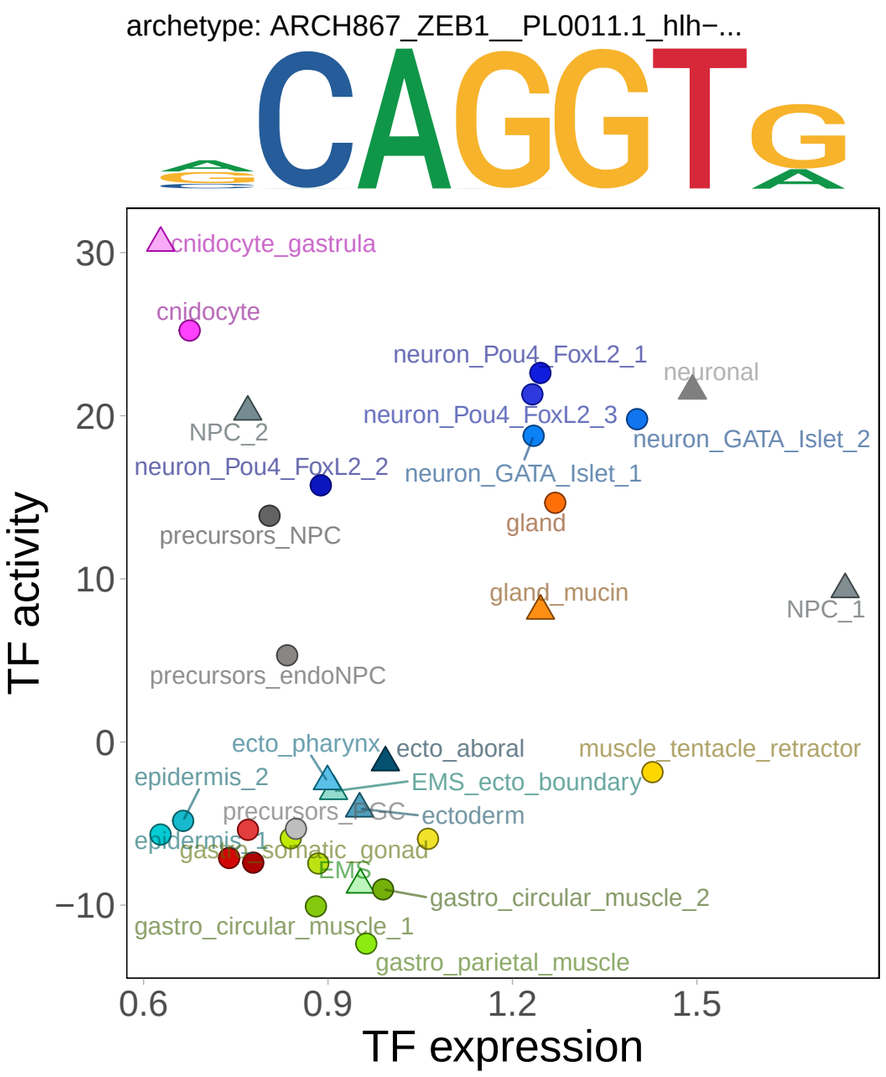


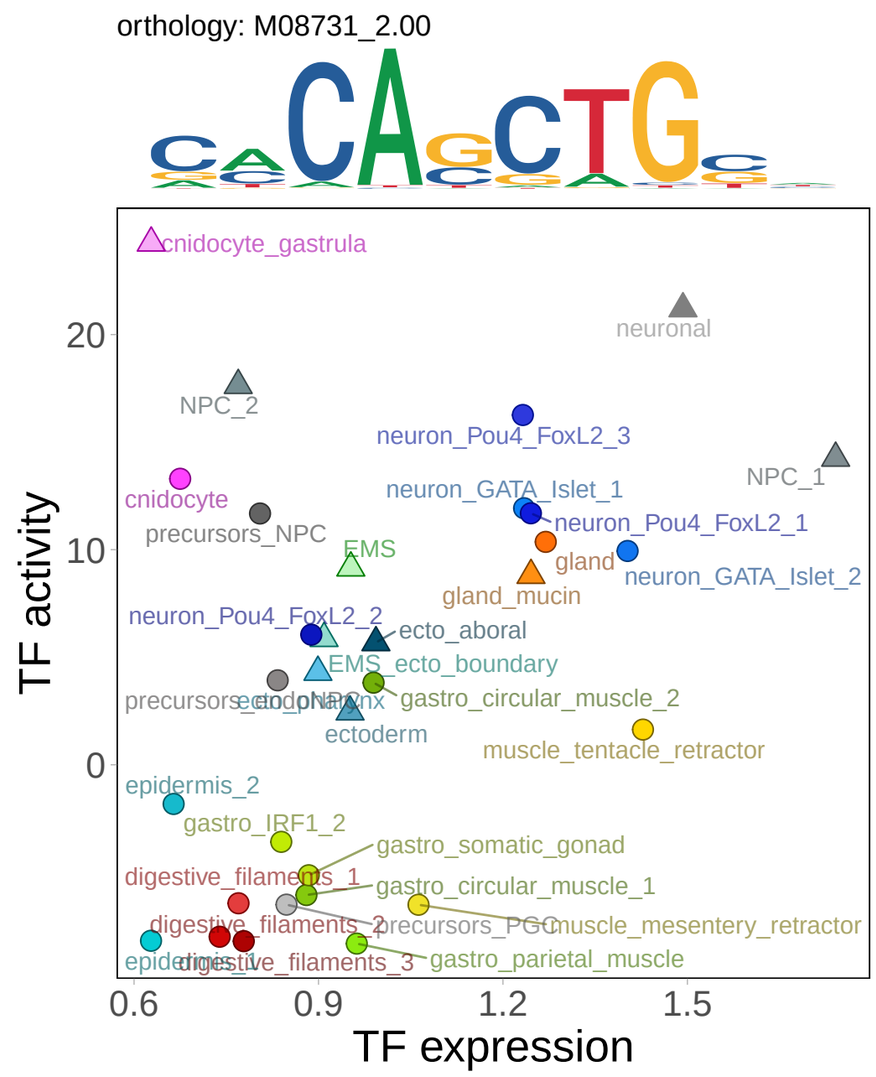


Nvec_vc1.1_XM_032382002.2
OG: zf−C2H2.HG8.0:ZNF576/ZNF683/ZNF891
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

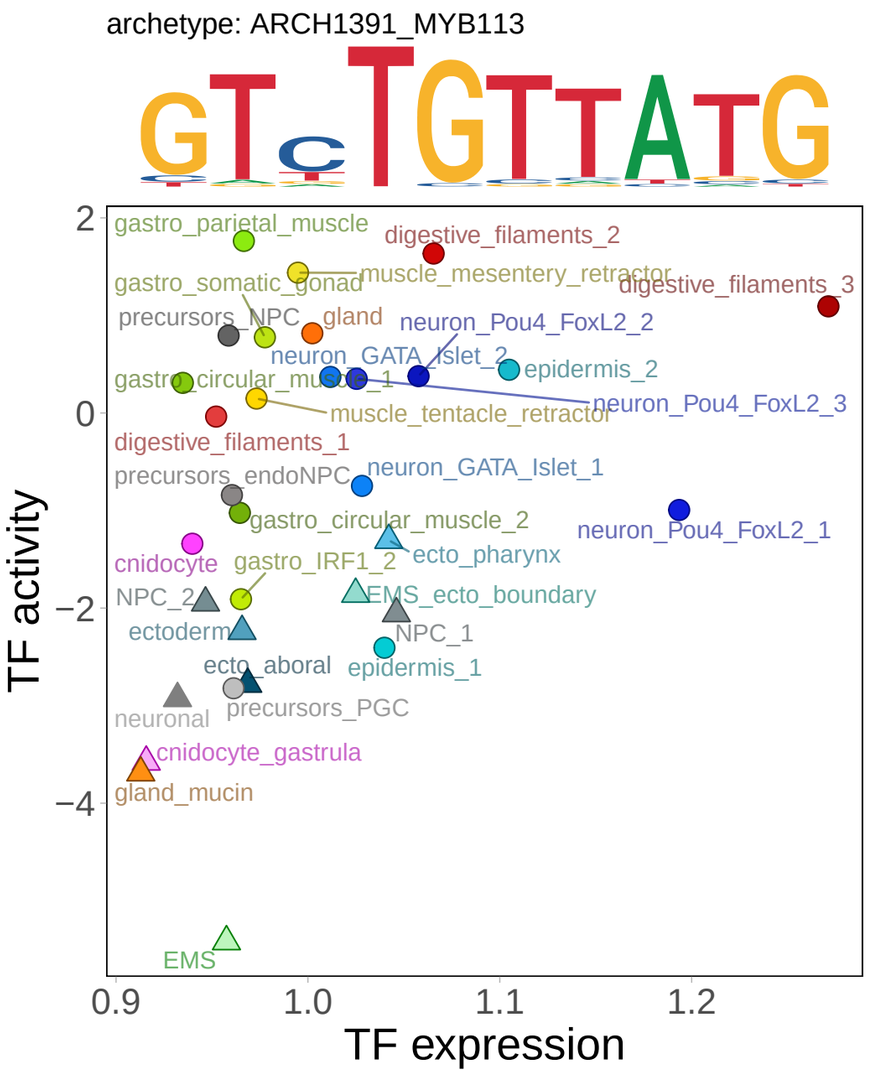


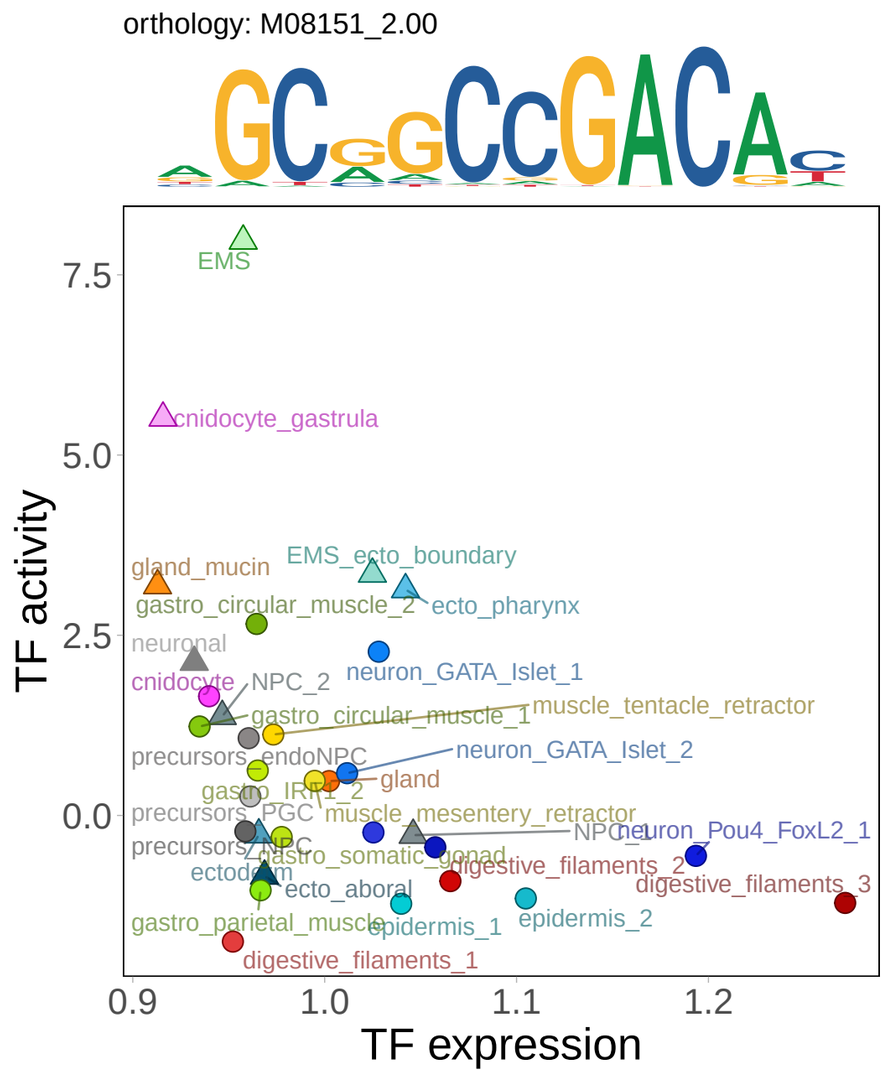
Nvec_vc1.1_XM_032382158.2
OG: HLH.HG1.45:TCF3/TCF4/TCF12
PFAM: HLH



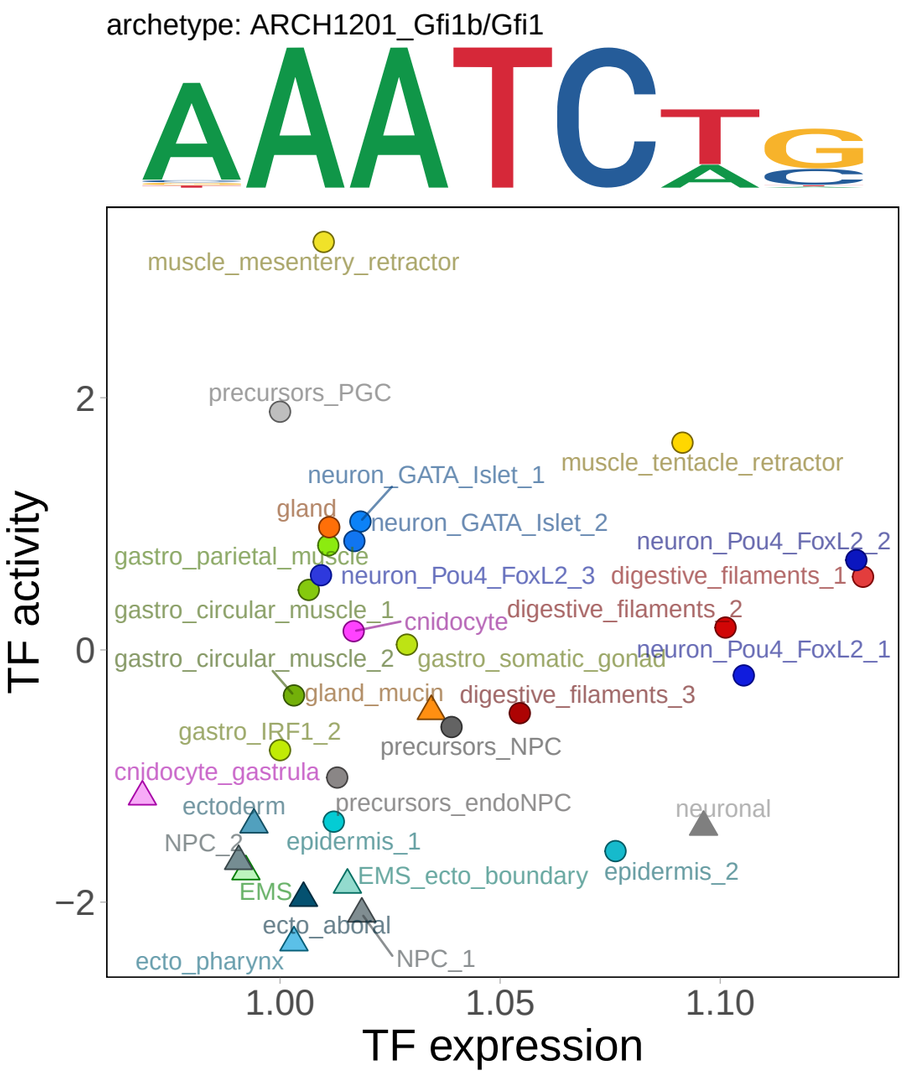


Nvec_vc1.1_XM_032382185.2
OG: Myb.HG1.7:like:TERB1/TERF2
PFAM: Myb_DNA−binding/Myb_DNA−binding/Myb_DNA−binding

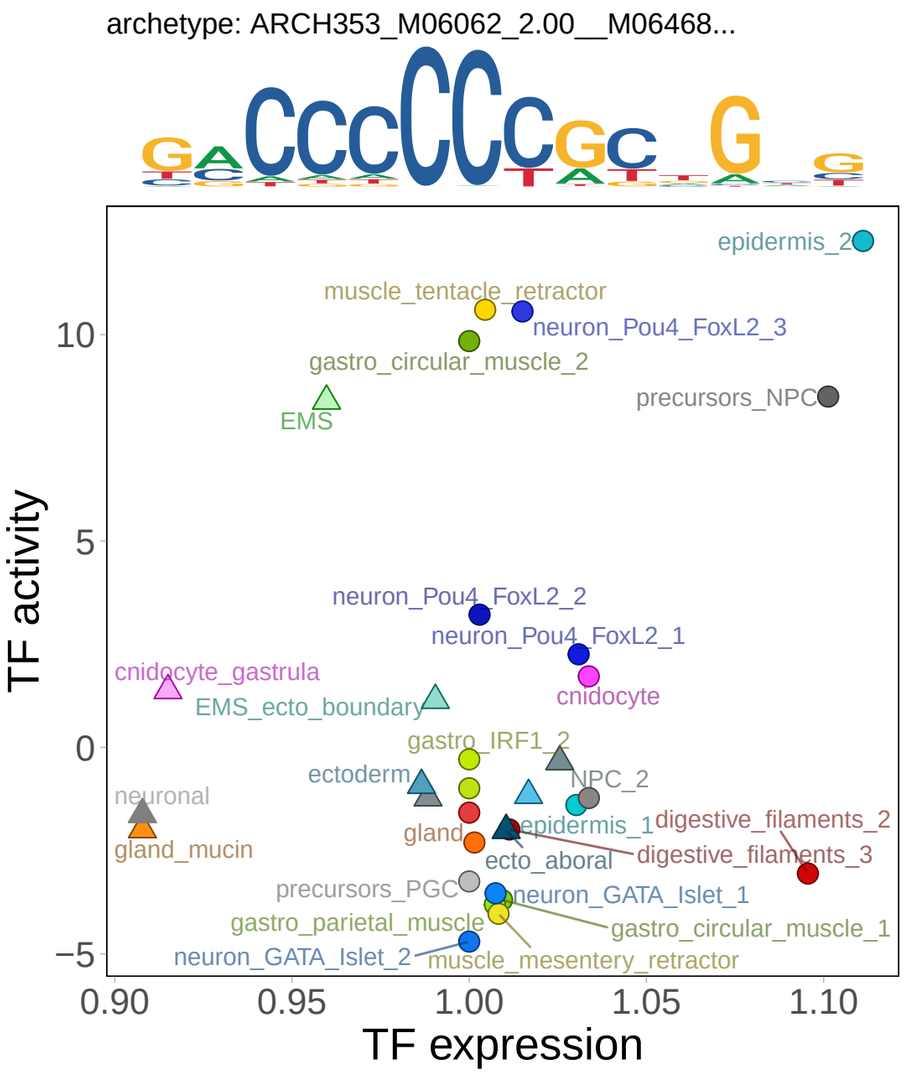




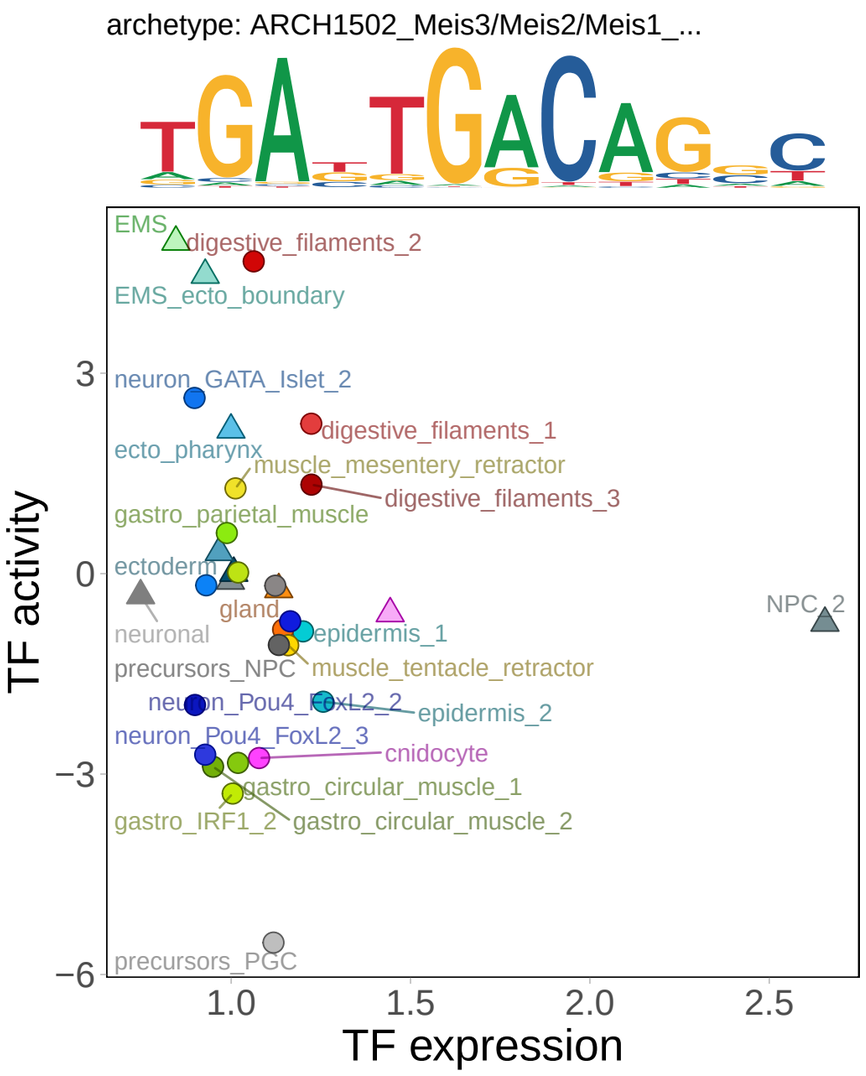
Nvec_vc1.1_XM_032382208.2
OG: zf−C2H2.HG94.0:NA
PFAM: zf−C2H2/zf−C2H2_4/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2/

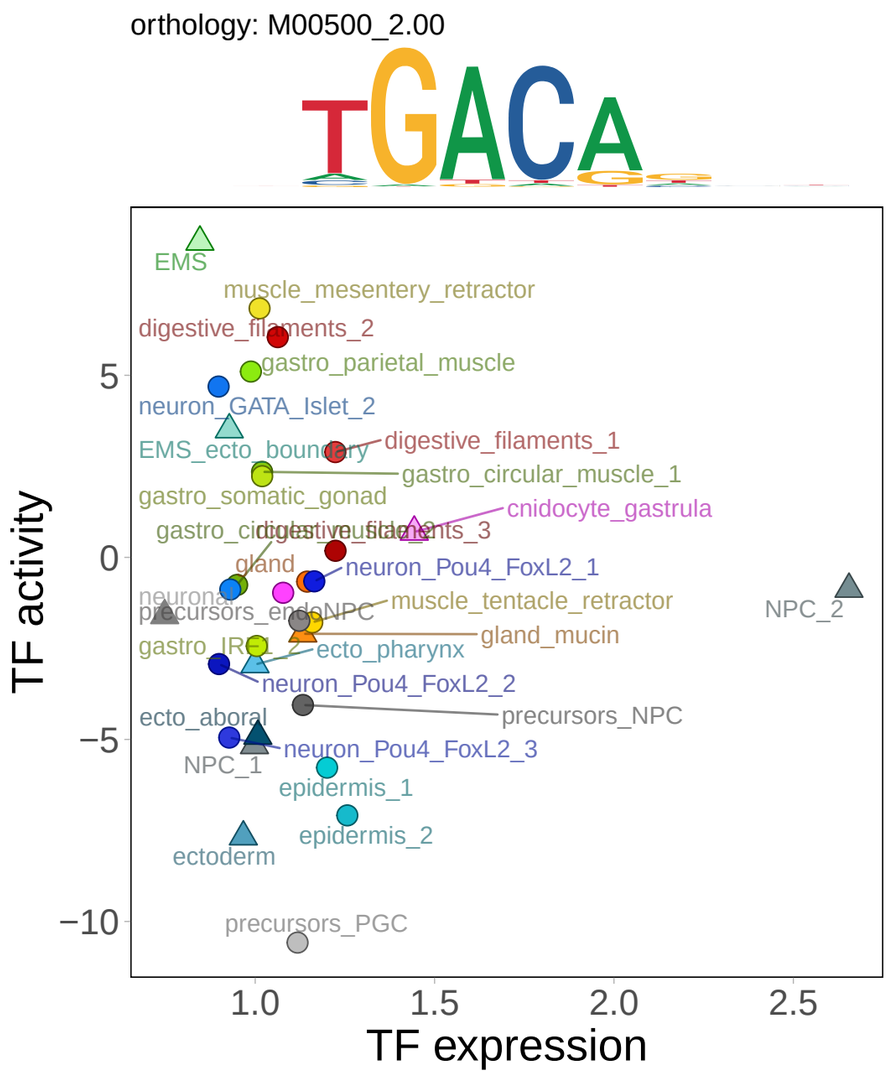


Nvec_vc1.1_XM_032382255.2
OG: zf−C2H2.HG1.11:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2/

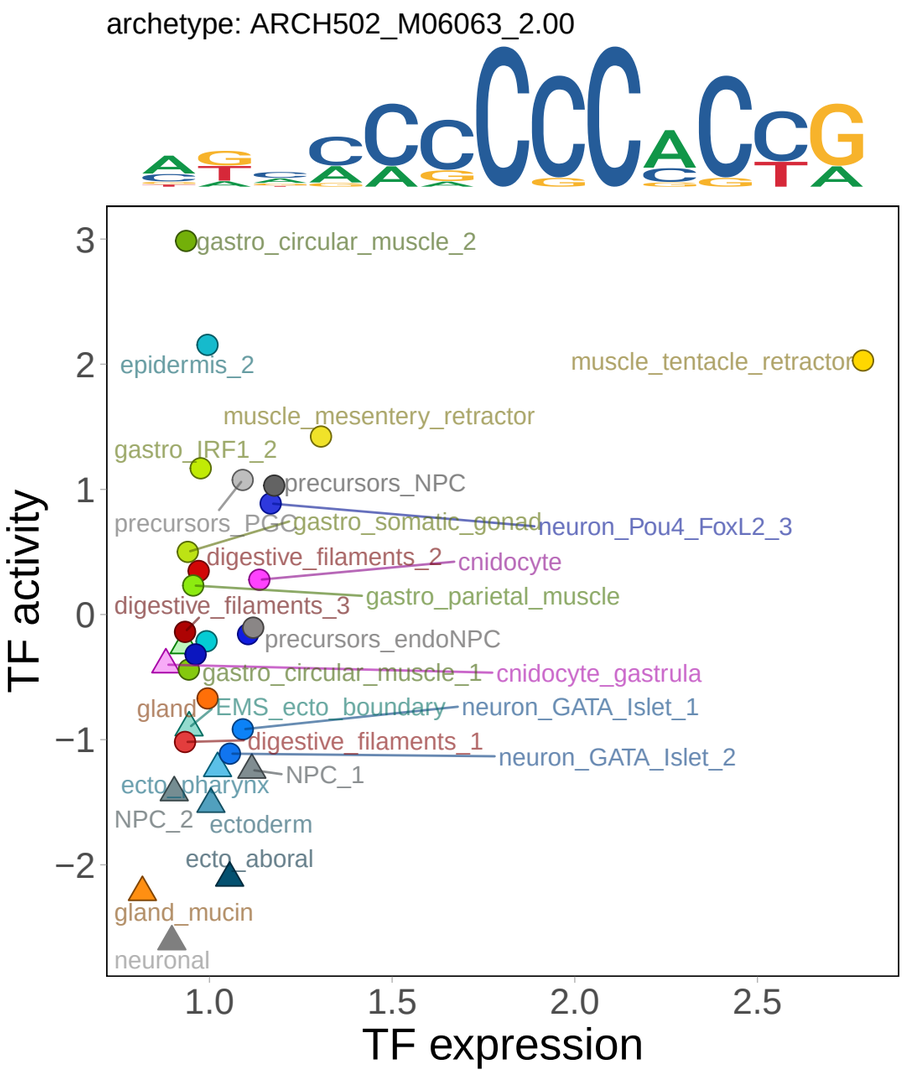


Nvec_vc1.1_XM_032382395.2
OG: Homeodomains.HG3.34:TGIF1
PFAM: Homeobox_KN



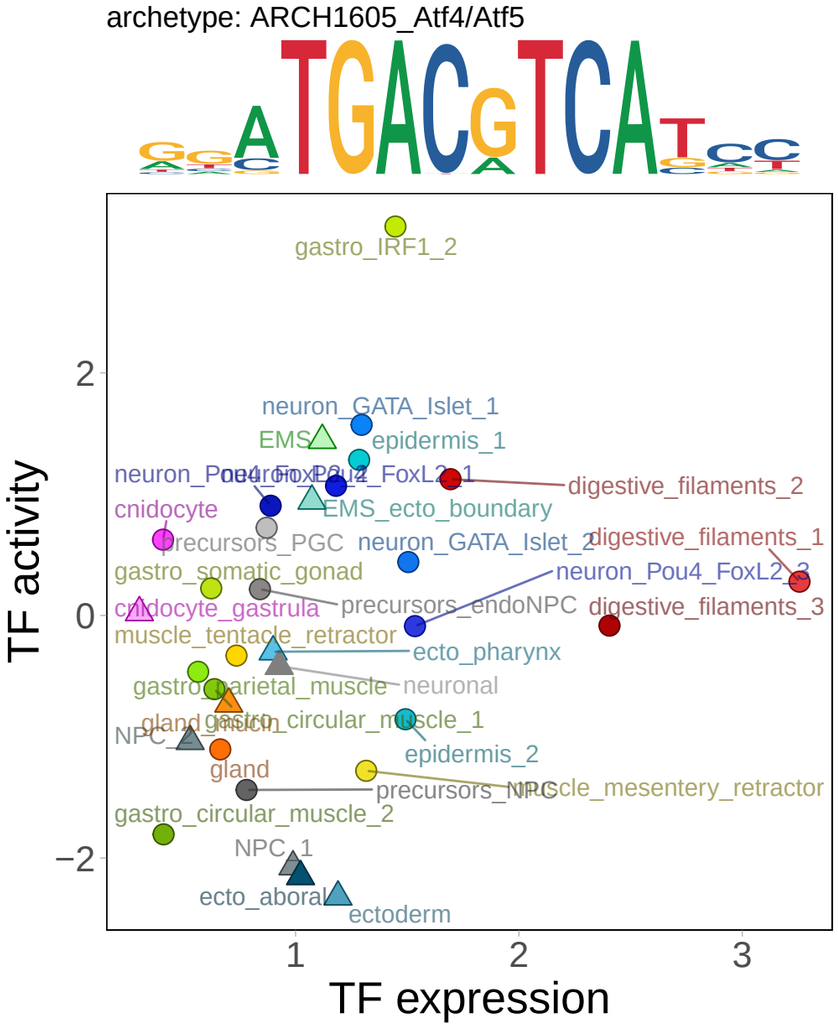


Nvec_vc1.1_XM_032382402.2
OG: zf−C2H2.HG1.24:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

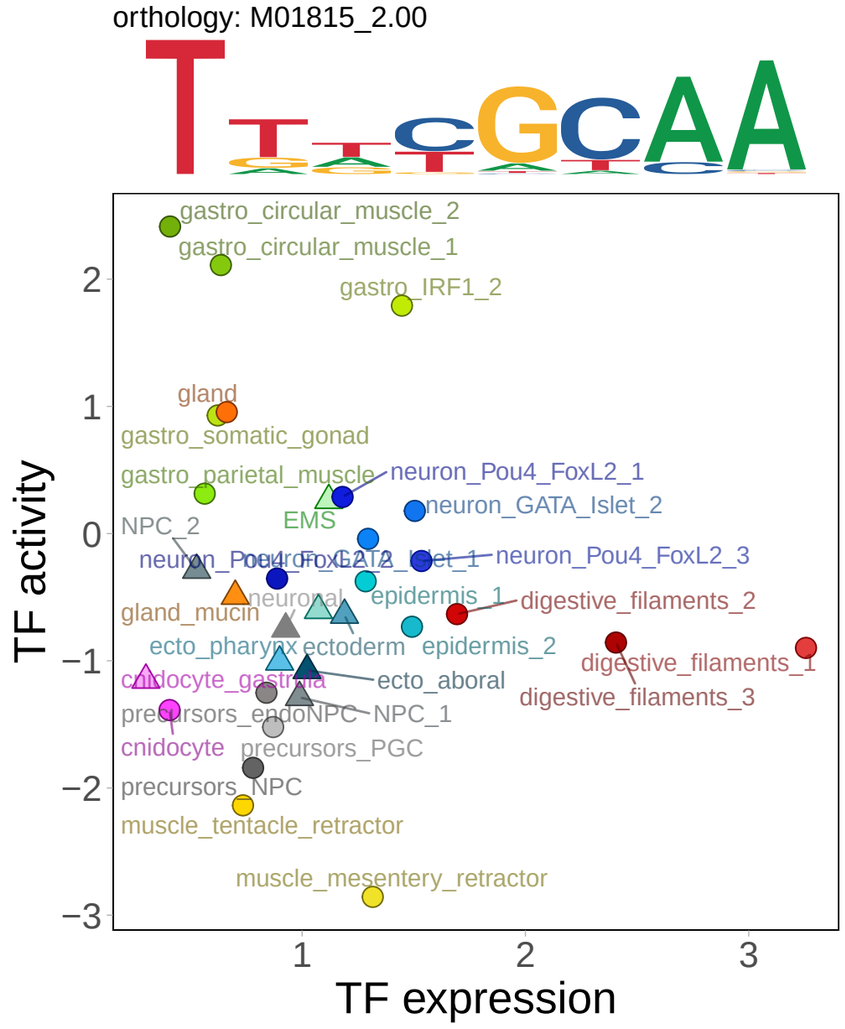


Nvec_vc1.1_XM_032382466.2
OG: bZIP.HG2.5:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG
PFAM: bZIP_2

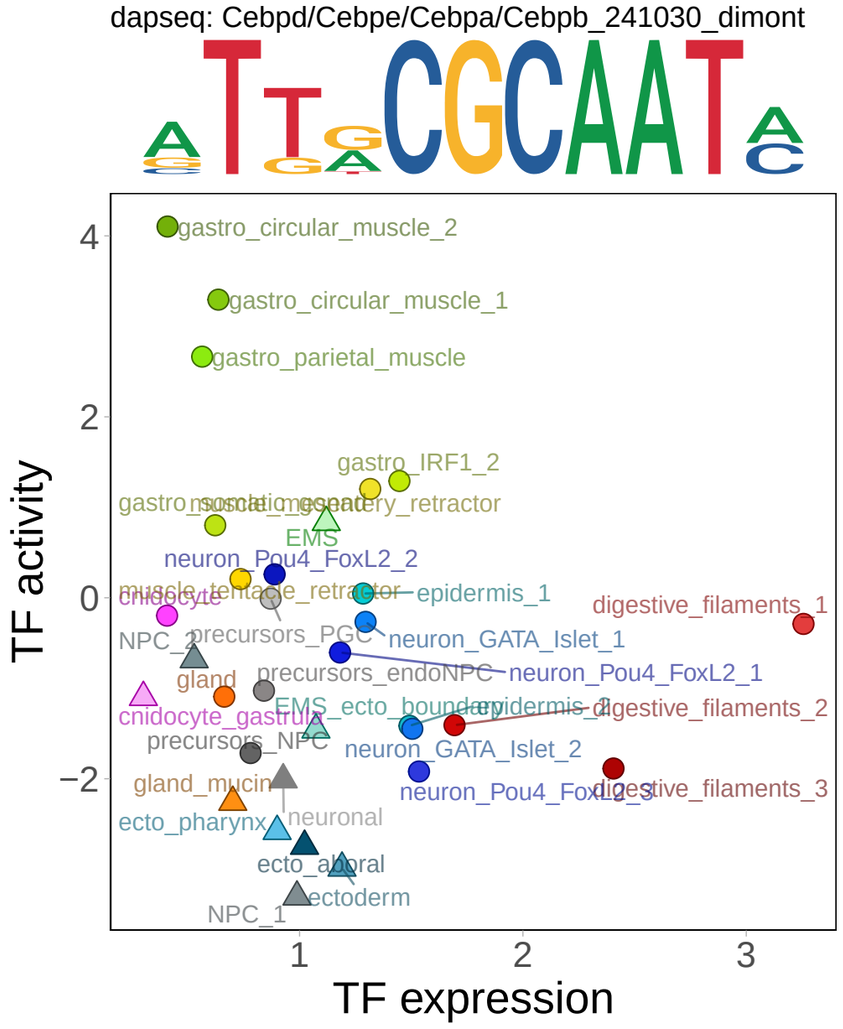
archetype: ARCH1605_Atf4/Atf5



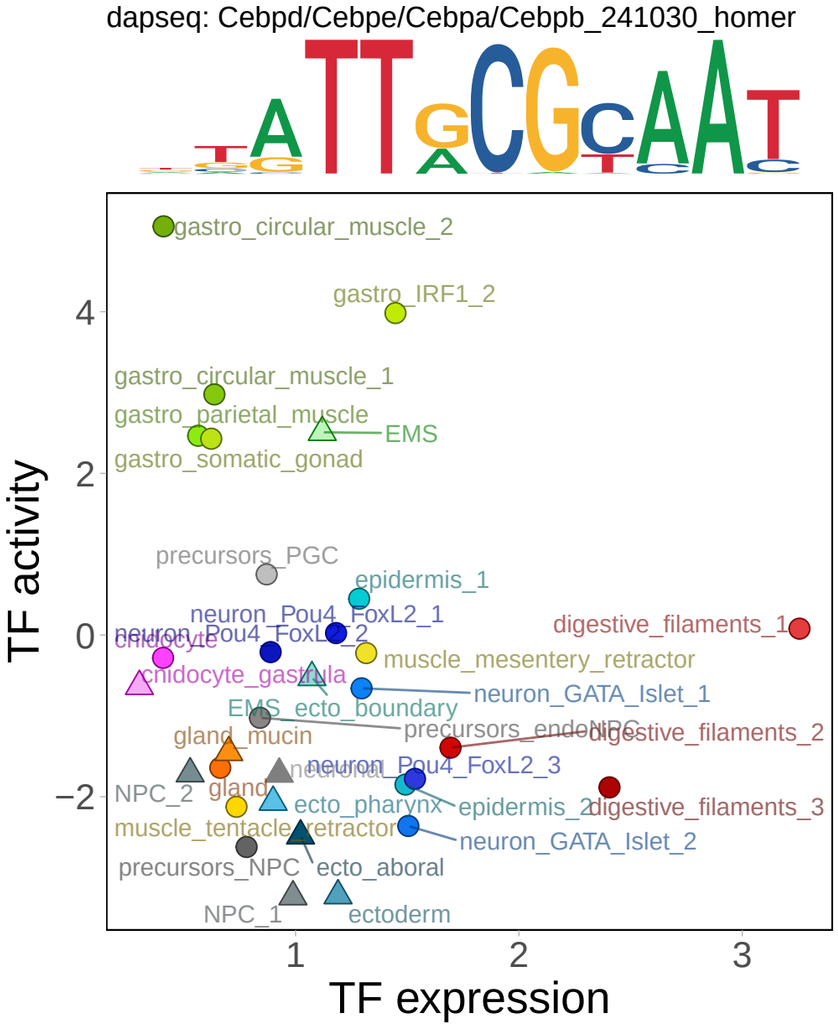
orthology: M01815_2.00



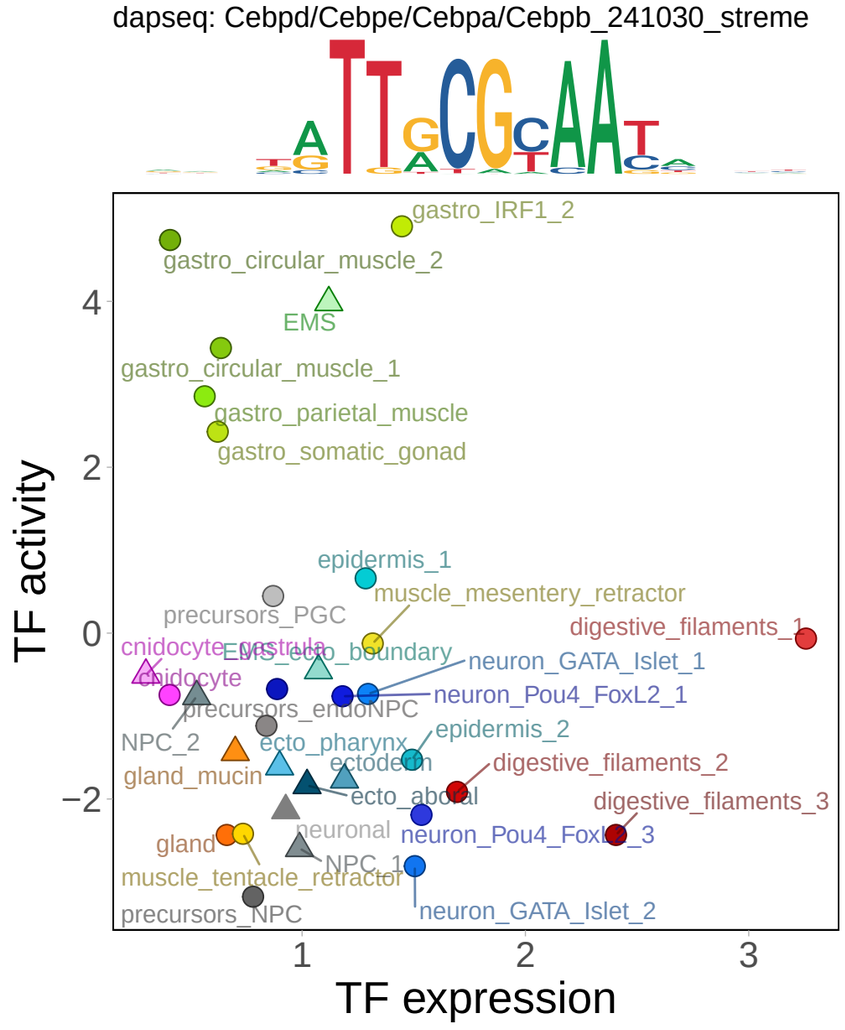
dapseq: Cebpd/Cebpe/Cebpa/Cebpb_241030_dimont



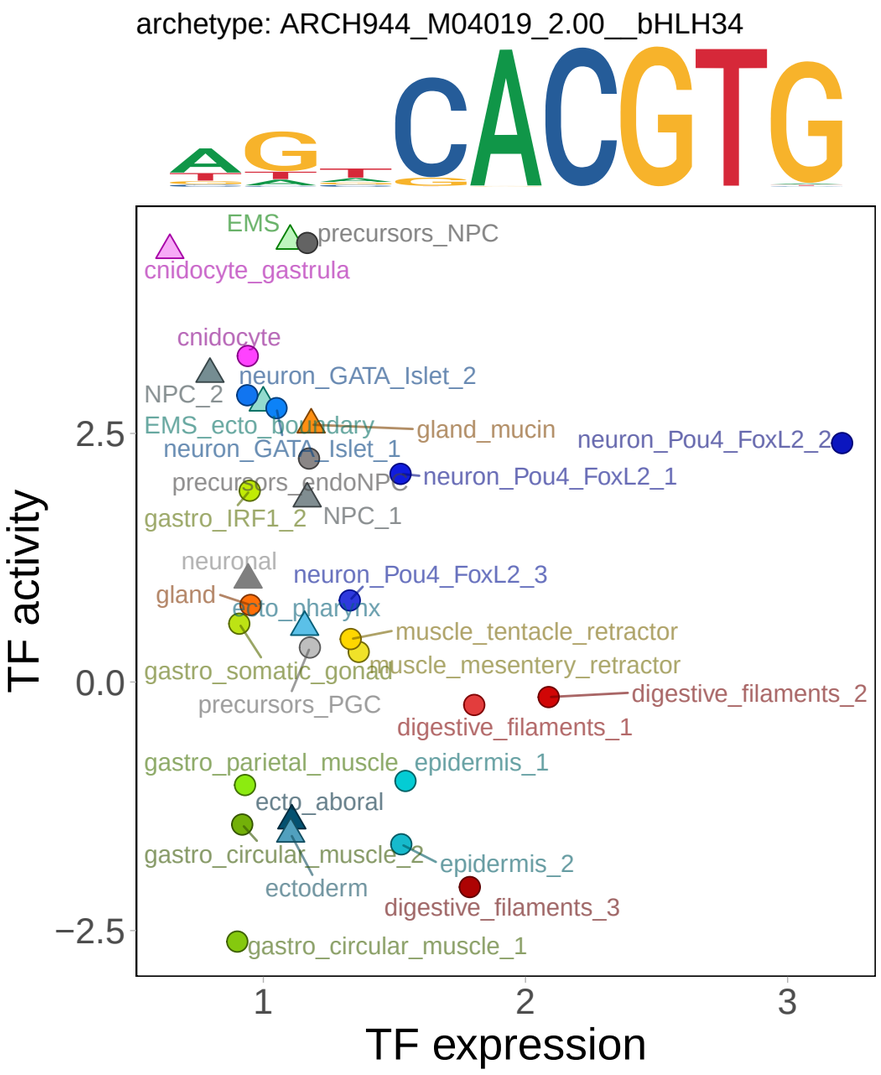
dapseq: Cebpd/Cebpe/Cebpa/Cebpb_241030_homer

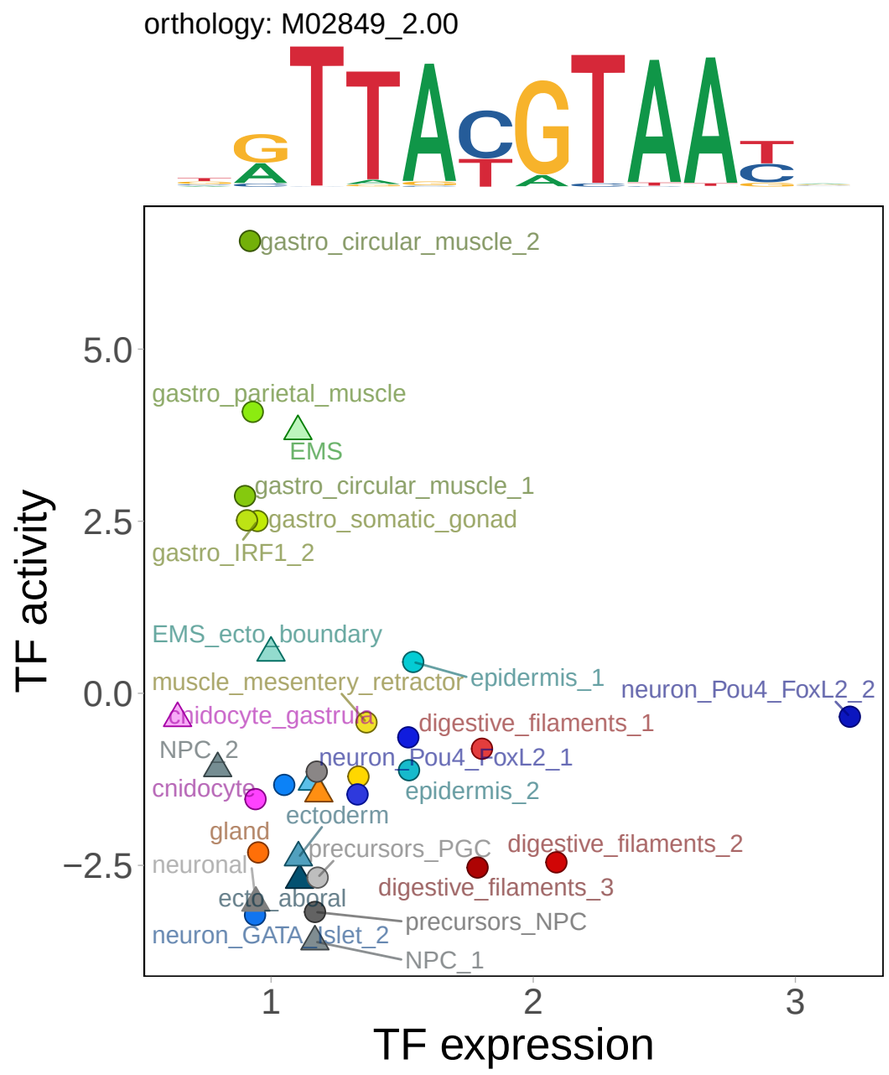


dapseq: Cebpd/Cebpe/Cebpa/Cebpb_241030_streme

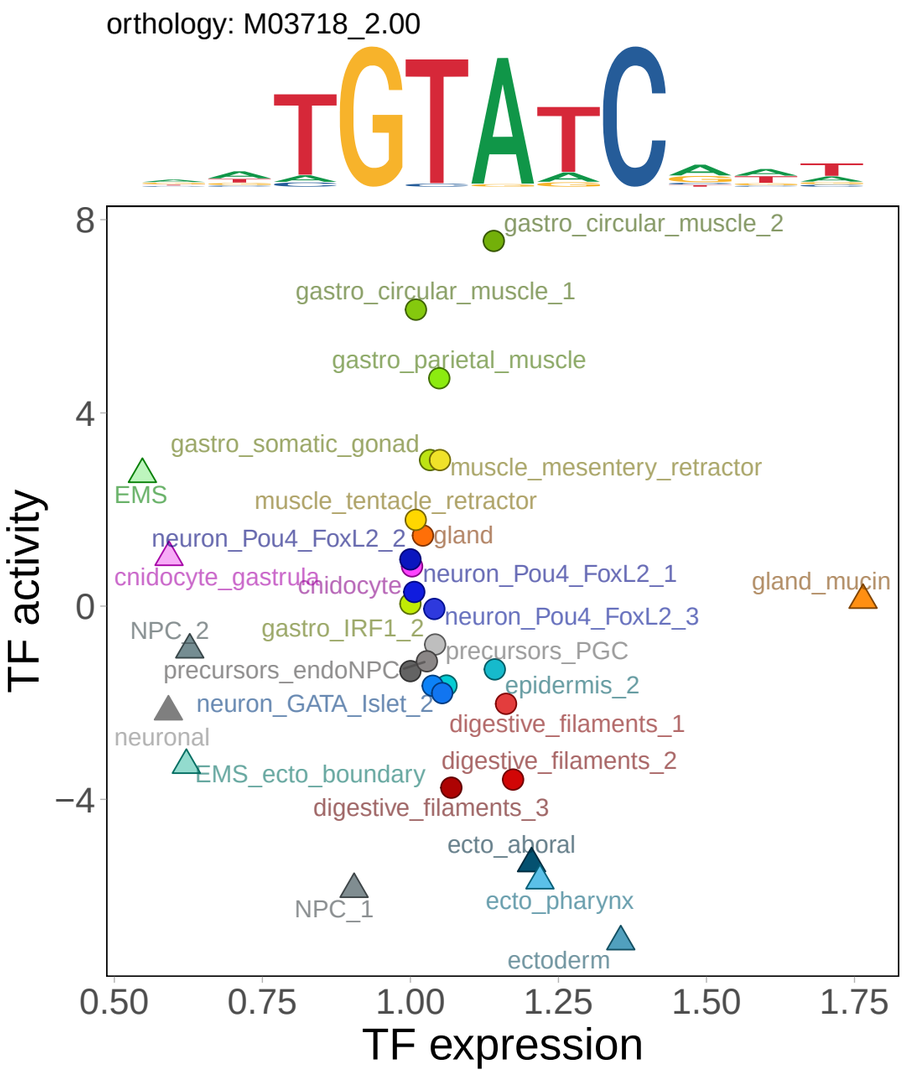


Nvec_vc1.1_XM_032382493.2
OG: bZIP.HG2.10:DBP/HLF/TEF
PFAM: bZIP_2

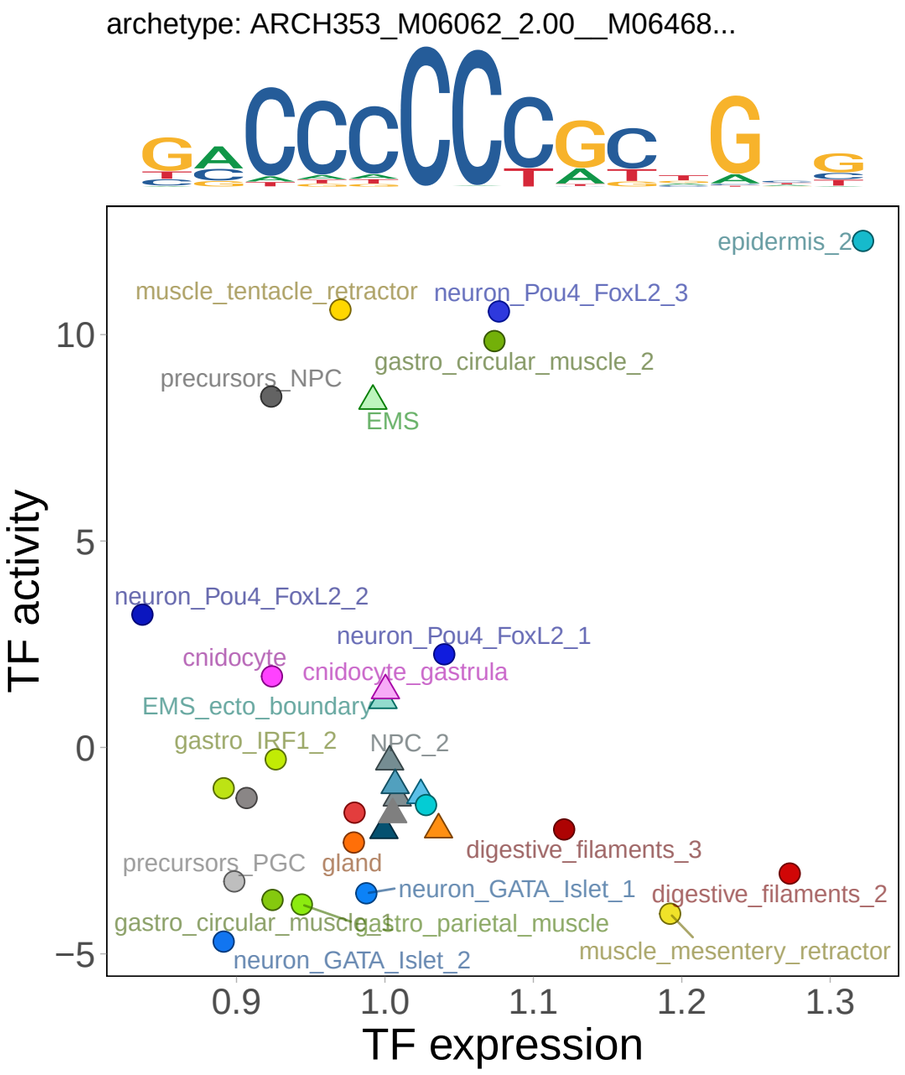




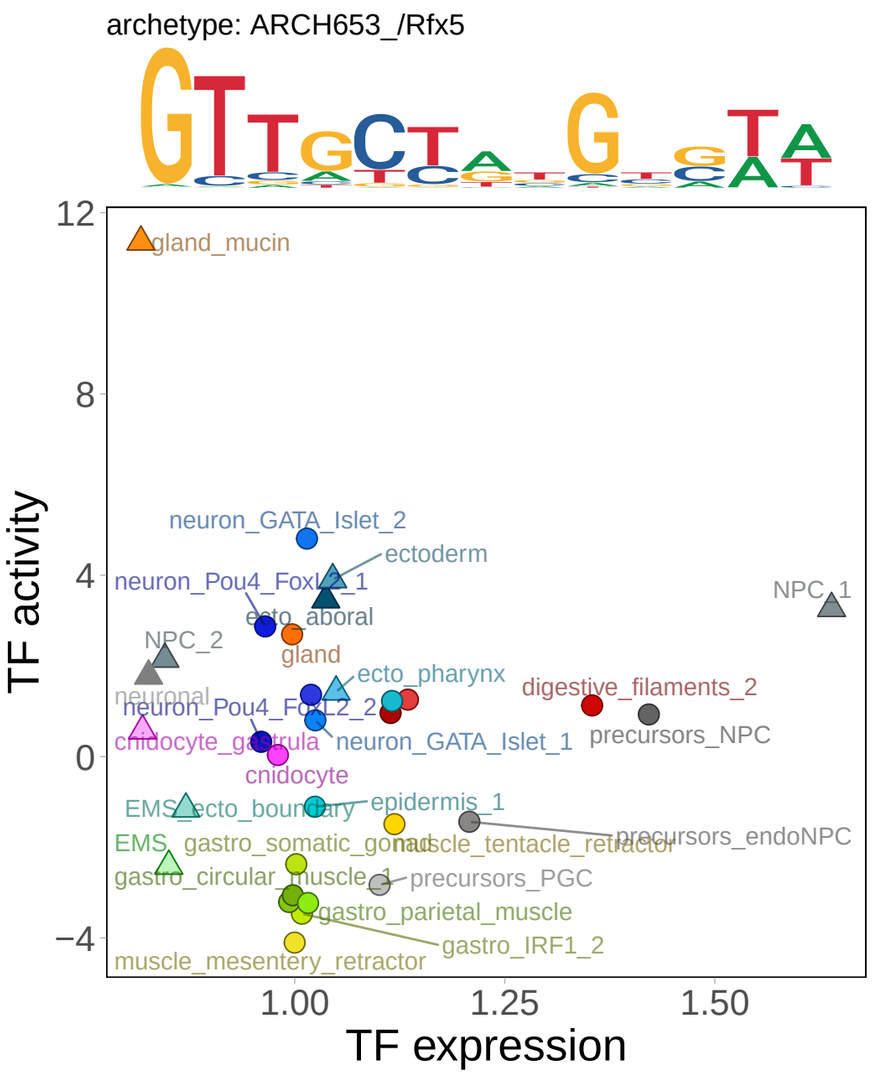
Nvec_vc1.1_XM_032382520.2
OG: Doublesex_DM.HG1.8:like:DMRT1/DMRT2/DMRT3/DMRTA1/DMRTA2/DMRTB1
PFAM: DM/DMA

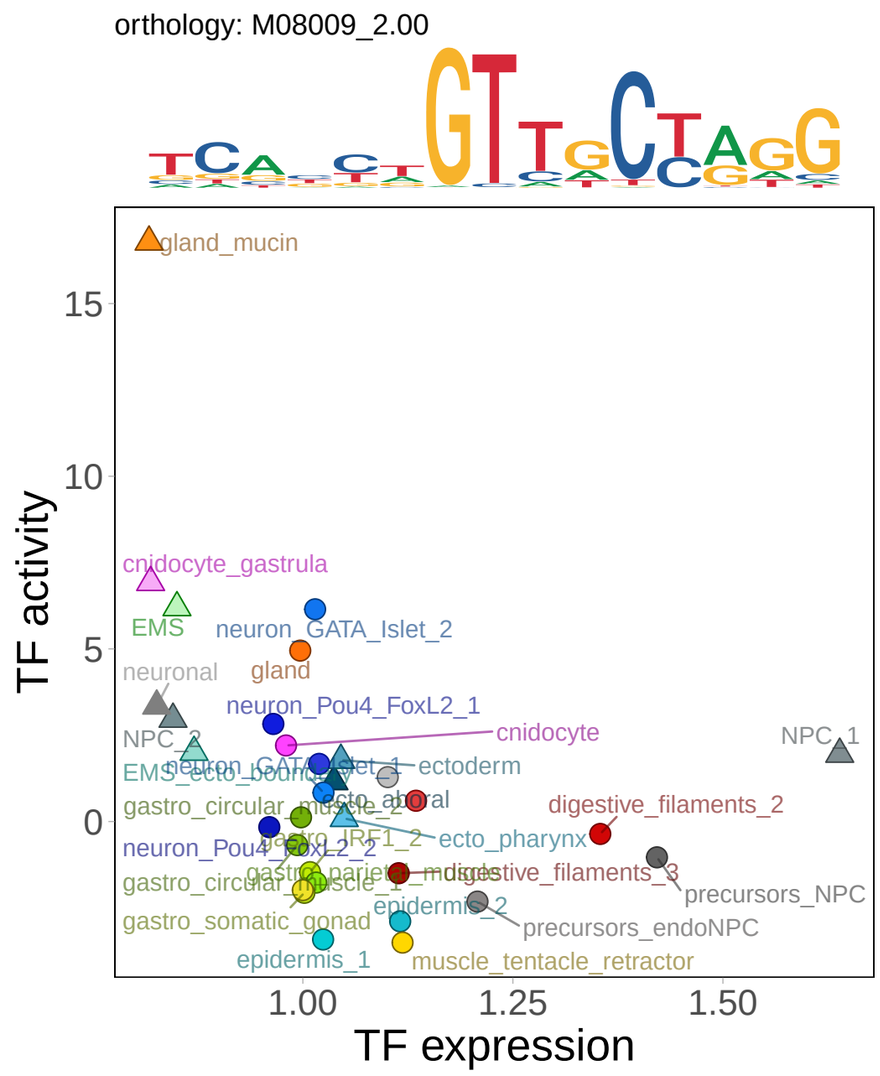


Nvec_vc1.1_XM_032382579.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

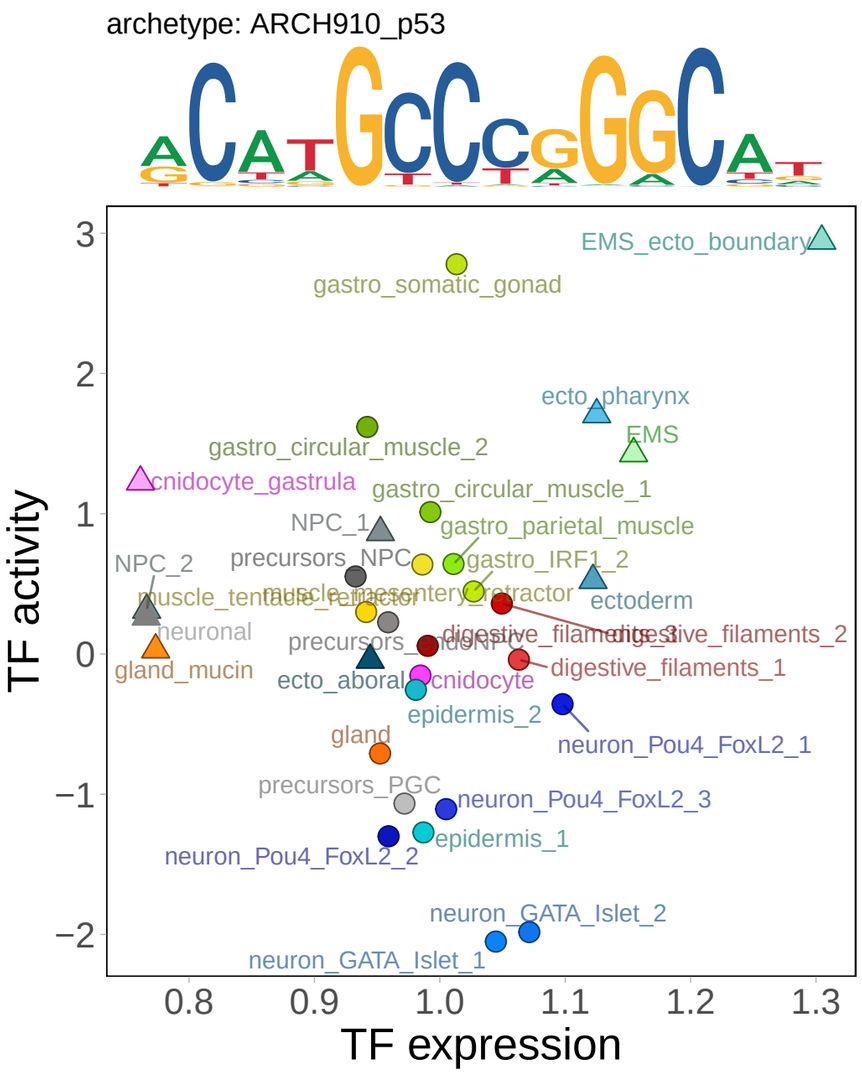


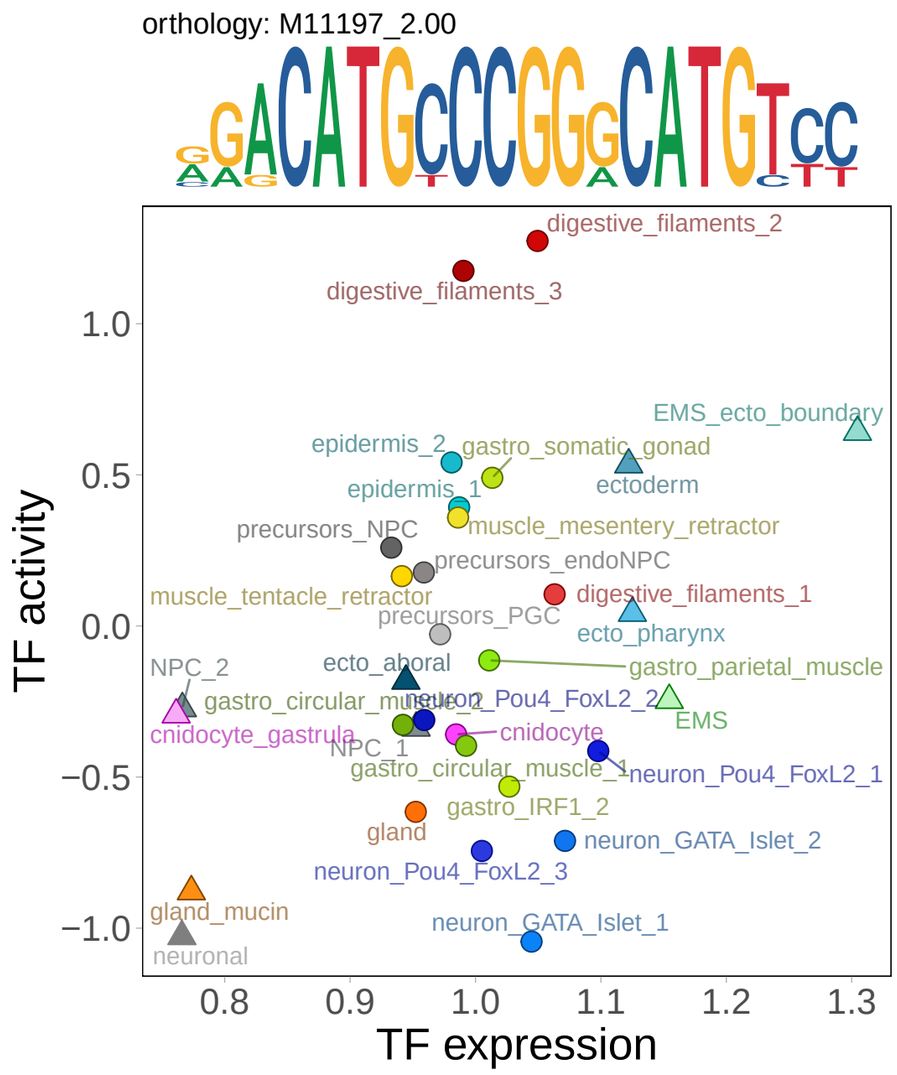
Nvec_vc1.1_XM_032382712.2
OG: RFX.HG1.1:RFX5/RFX7
PFAM: RFX5_N/RFX_DNA_binding



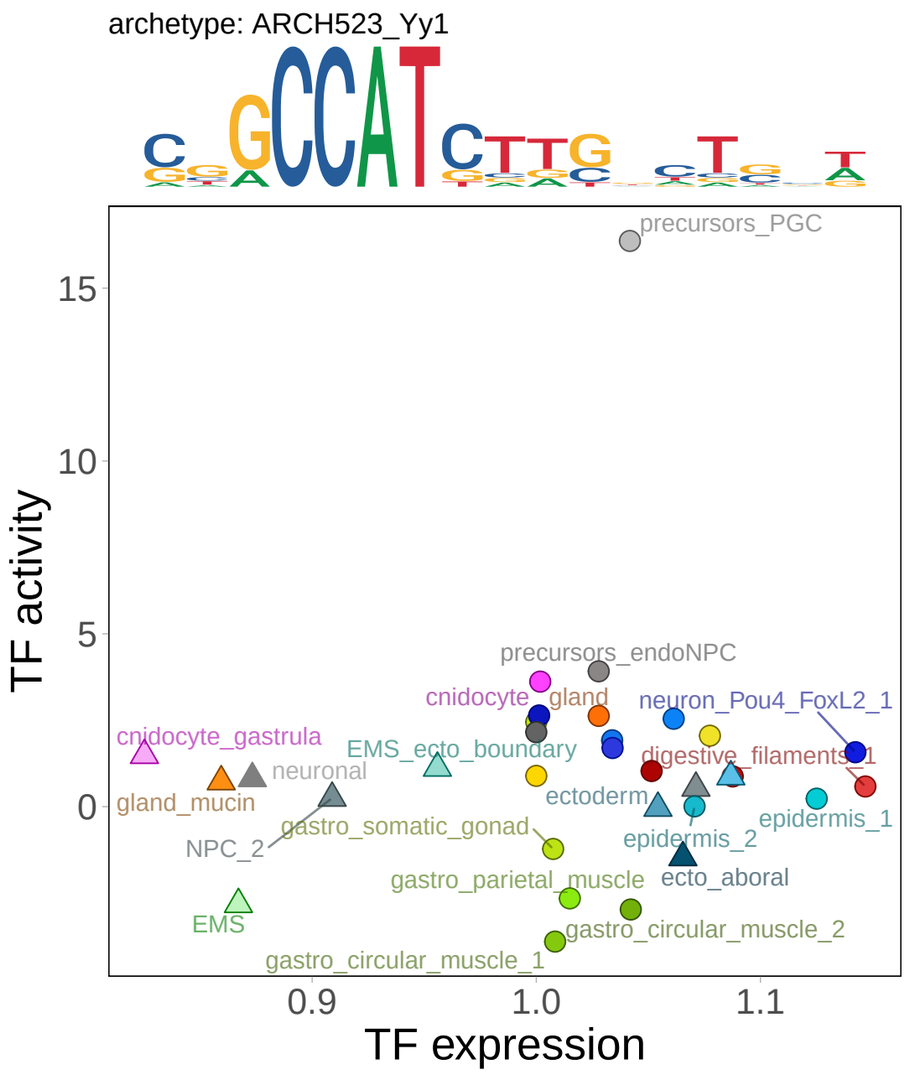


Nvec_vc1.1_XM_032382719.2
OG: P53.HG1.5:like:TP53/TP63/TP73
PFAM: P53/P53_tetramer

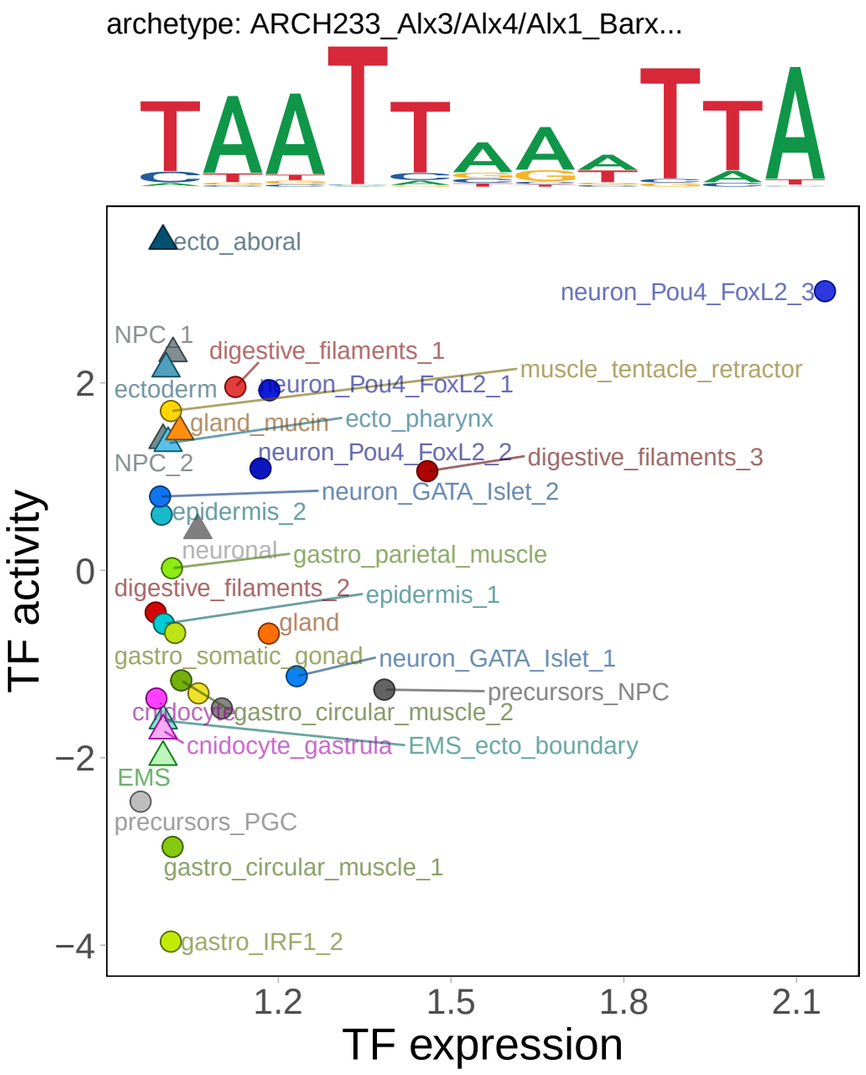


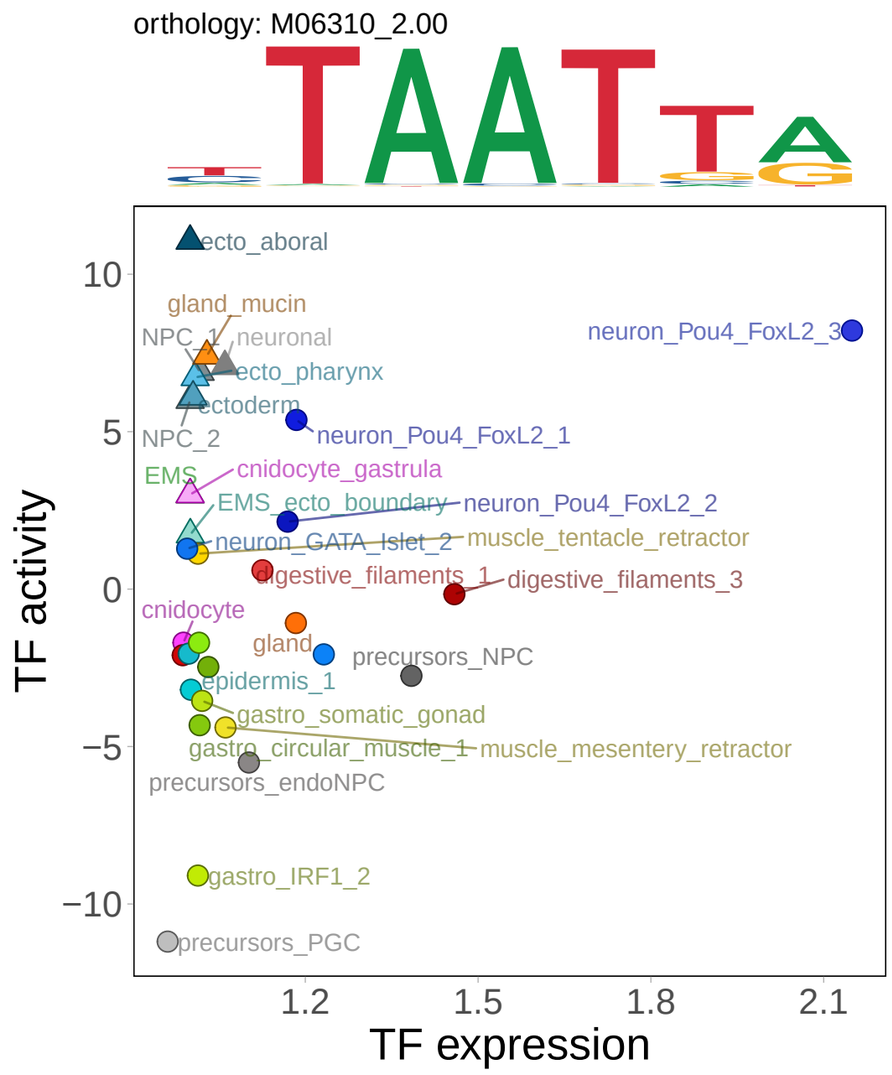


Nvec_vc1.1_XM_032383547.2
OG: zf−C2H2.HG1.10:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−H2C2_2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−met/zf−C2H2/zf−C2H2/zf−C

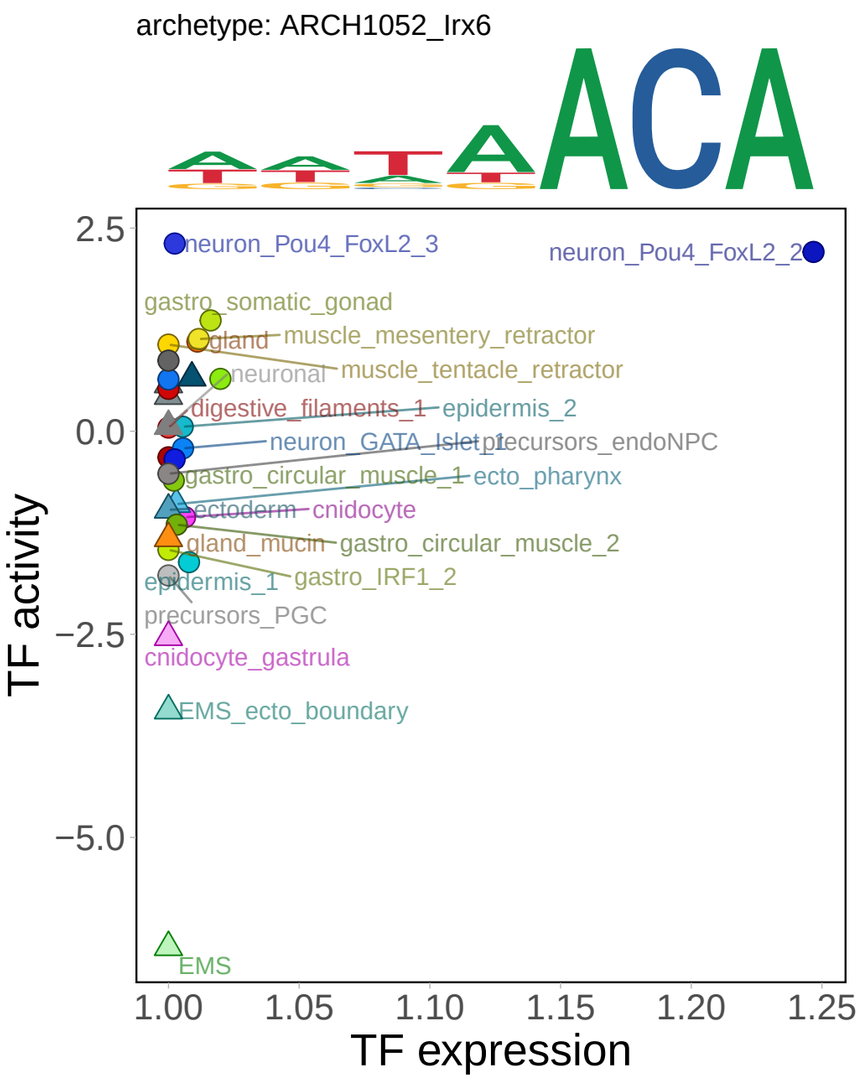


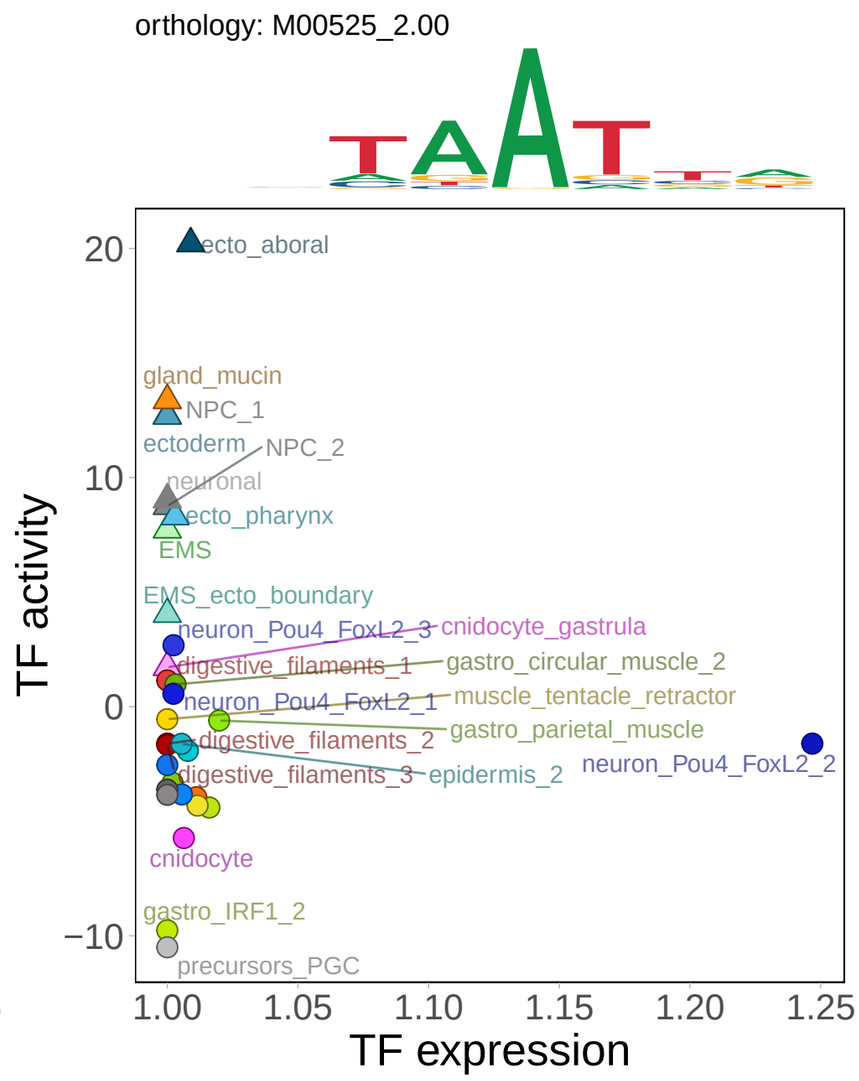
Nvec_vc1.1_XM_032383560.2
OG: Homeodomains.HG2.69:OTP
PFAM: Homeodomain/OAR

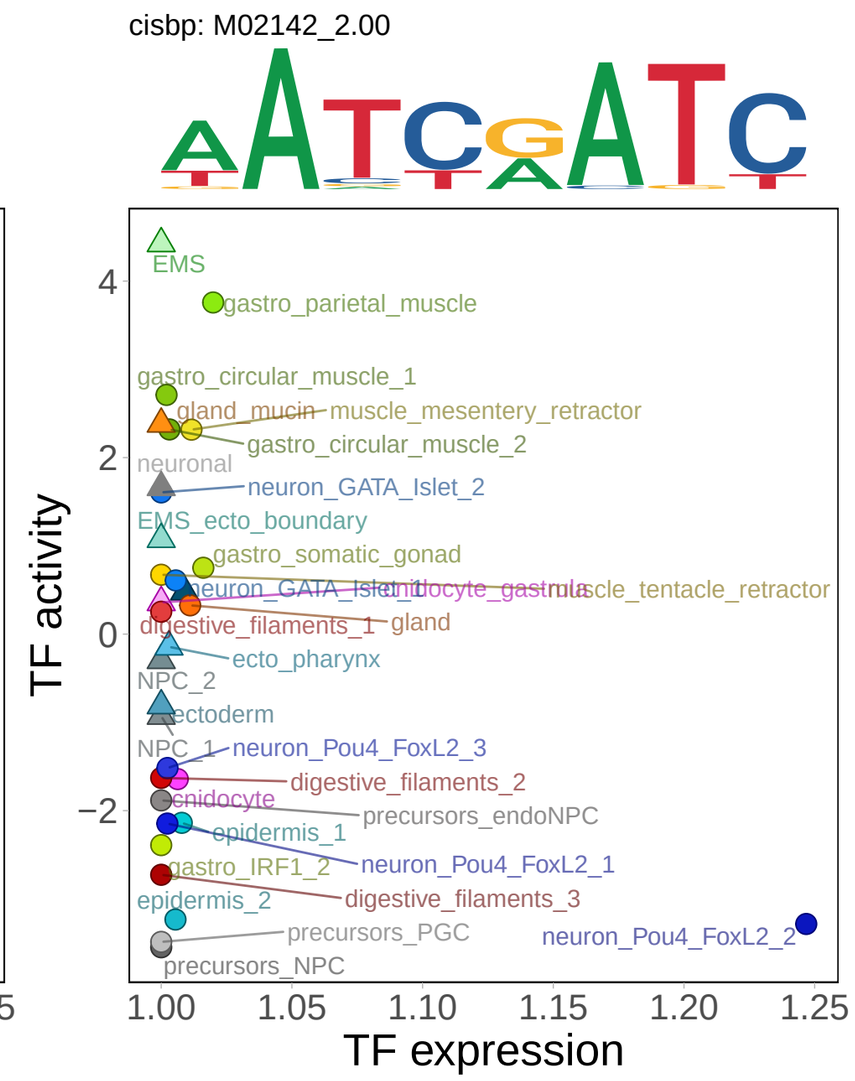




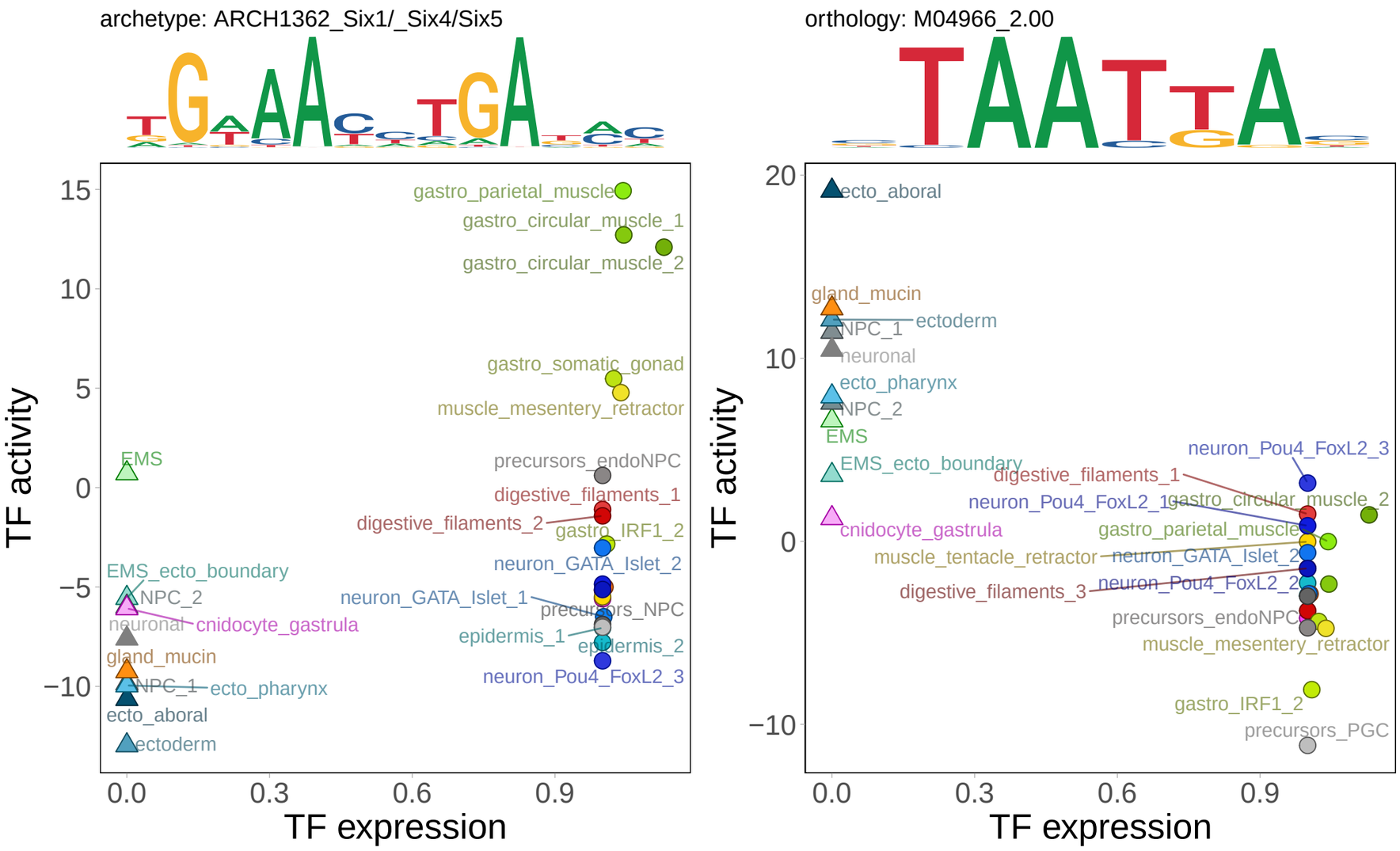
Nvec_vc1.1_XM_032383663.2
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/CDX2/CDX4/DLX1/DL
PFAM: Homeodomain



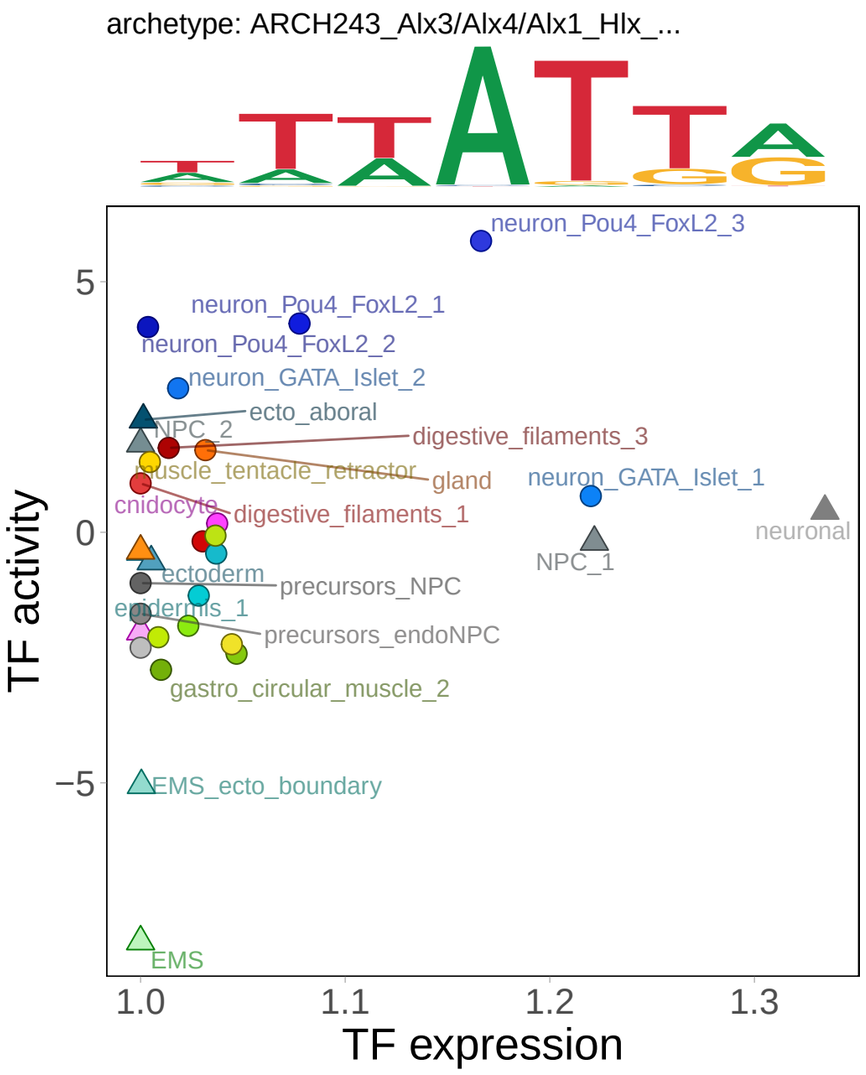


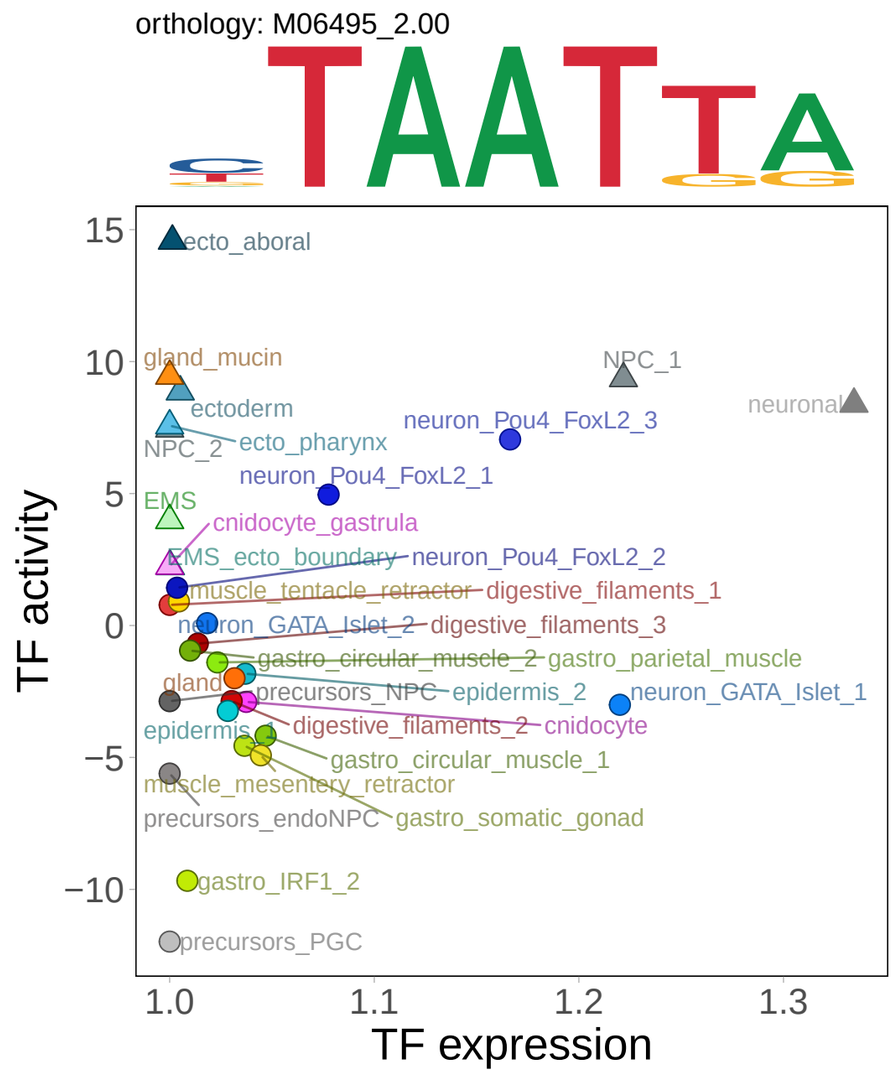


Nvec_vc1.1_XM_032383677.2
OG: Homeodomains.HG1.70:HOXA2/HOXB2/PDX1
PFAM: Homeodomain

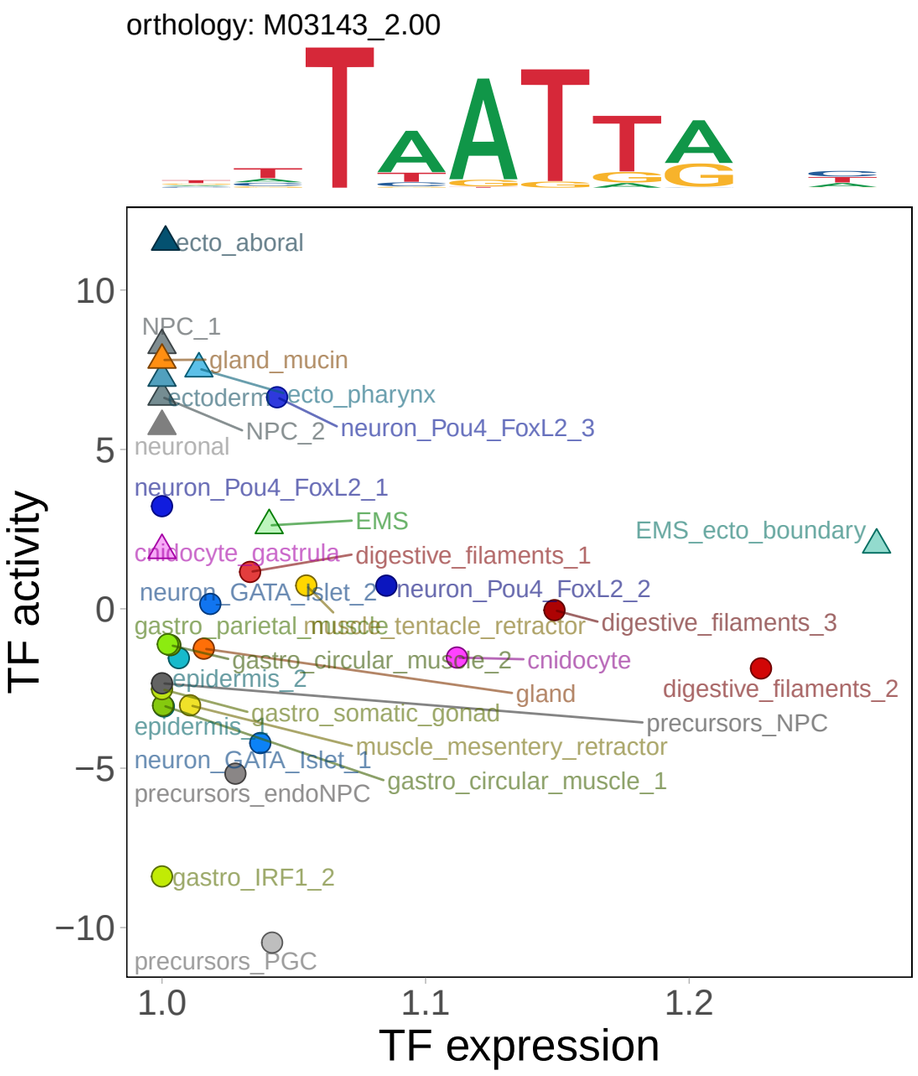


Nvec_vc1.1_XM_032383681.2
OG: Homeodomains.HG1.51:like:AC004080.3/AC012531.3/CDX1/CDX2/CDX4/EVX1/EVX2/GBX1/GBX2/G
PFAM: Homeodomain

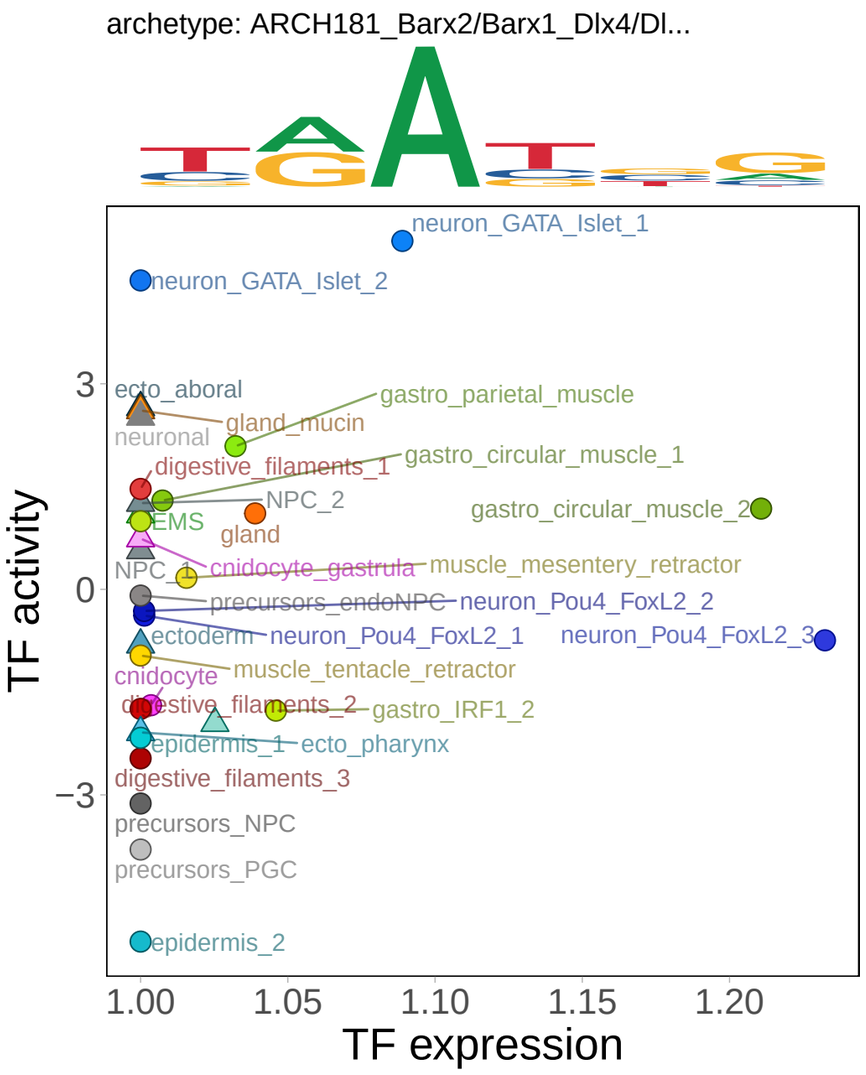


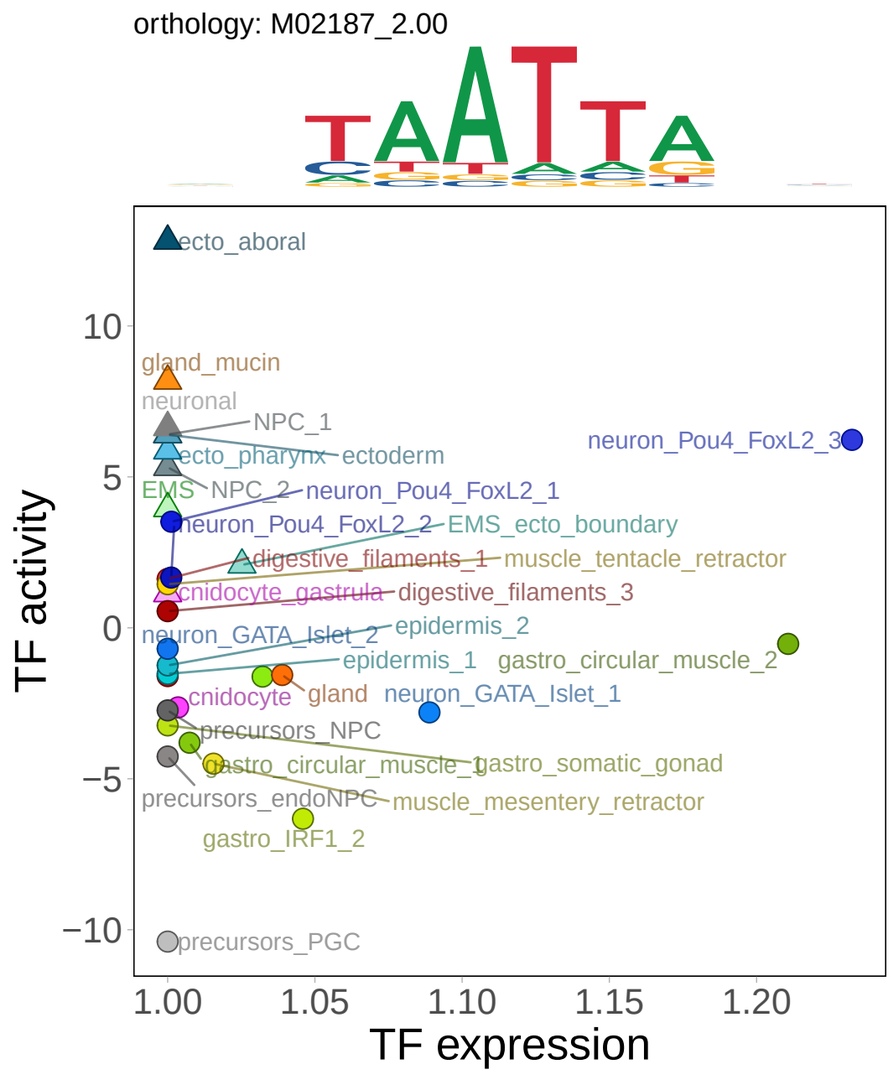


Nvec_vc1.1_XM_032383693.2
OG: Homeodomains.HG1.53:MNX1
PFAM: Homeodomain

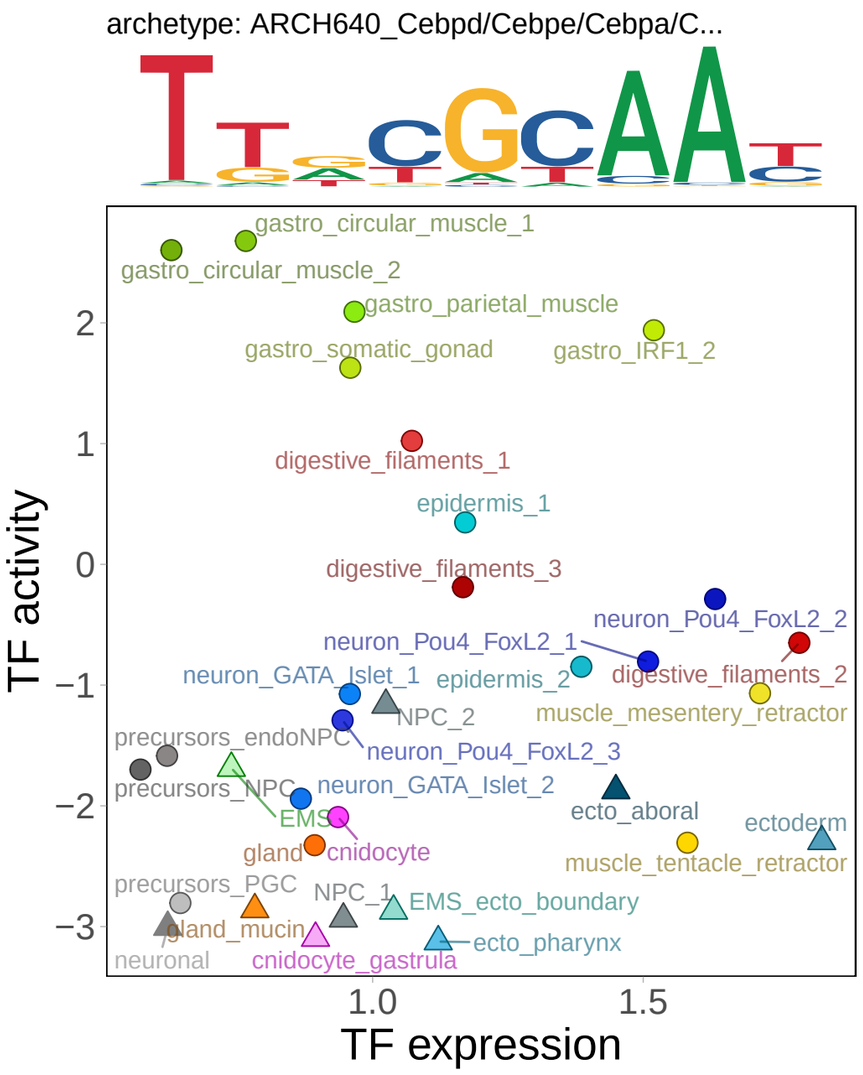


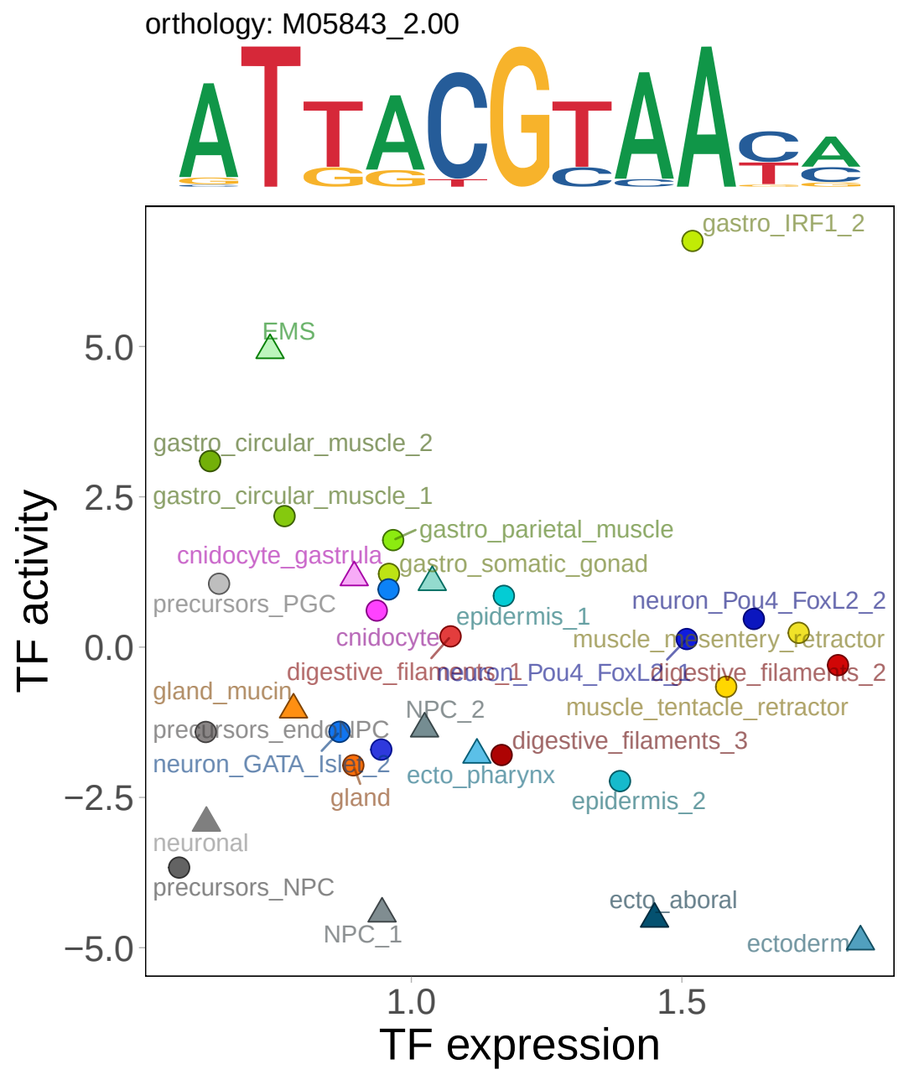
Nvec_vc1.1_XM_032383695.2
OG: Homeodomains.HG1.52:EVX1/EVX2
PFAM: Homeodomain





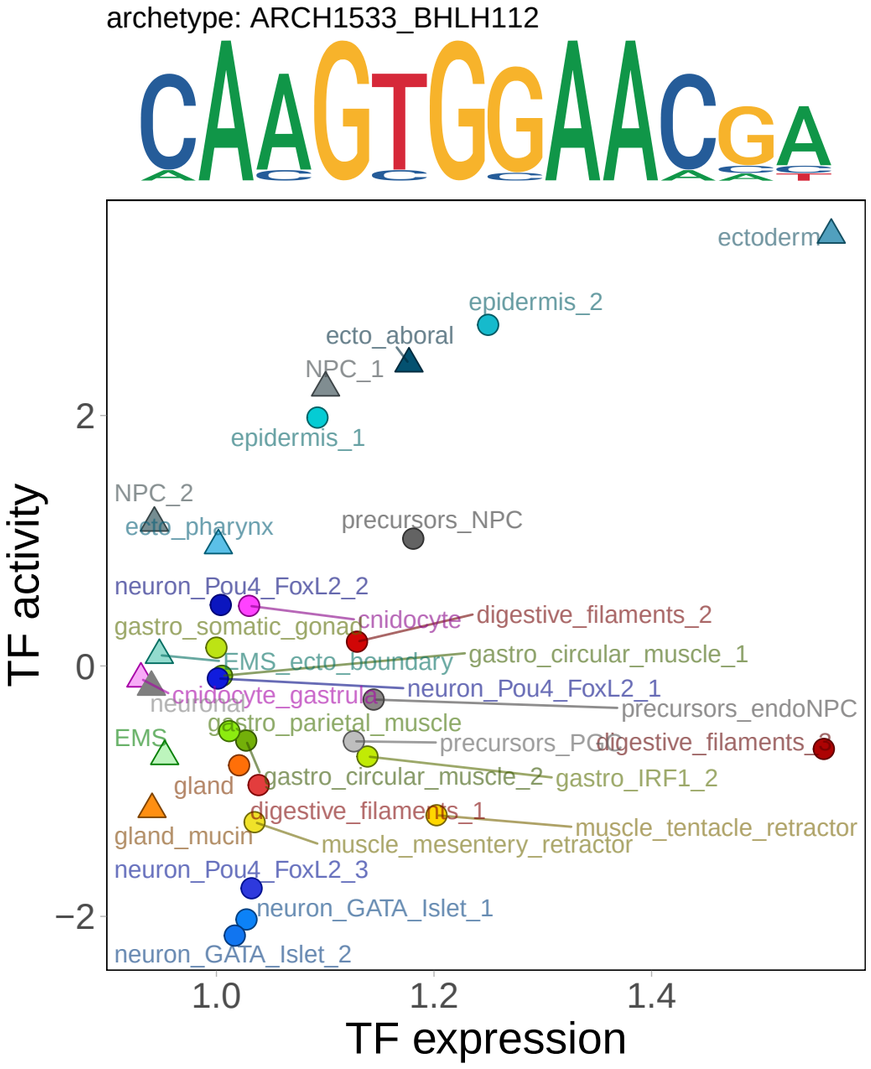
Nvec_vc1.1_XM_032383717.2
OG: bZIP.HG2.0:like:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG
PFAM: bZIP_2



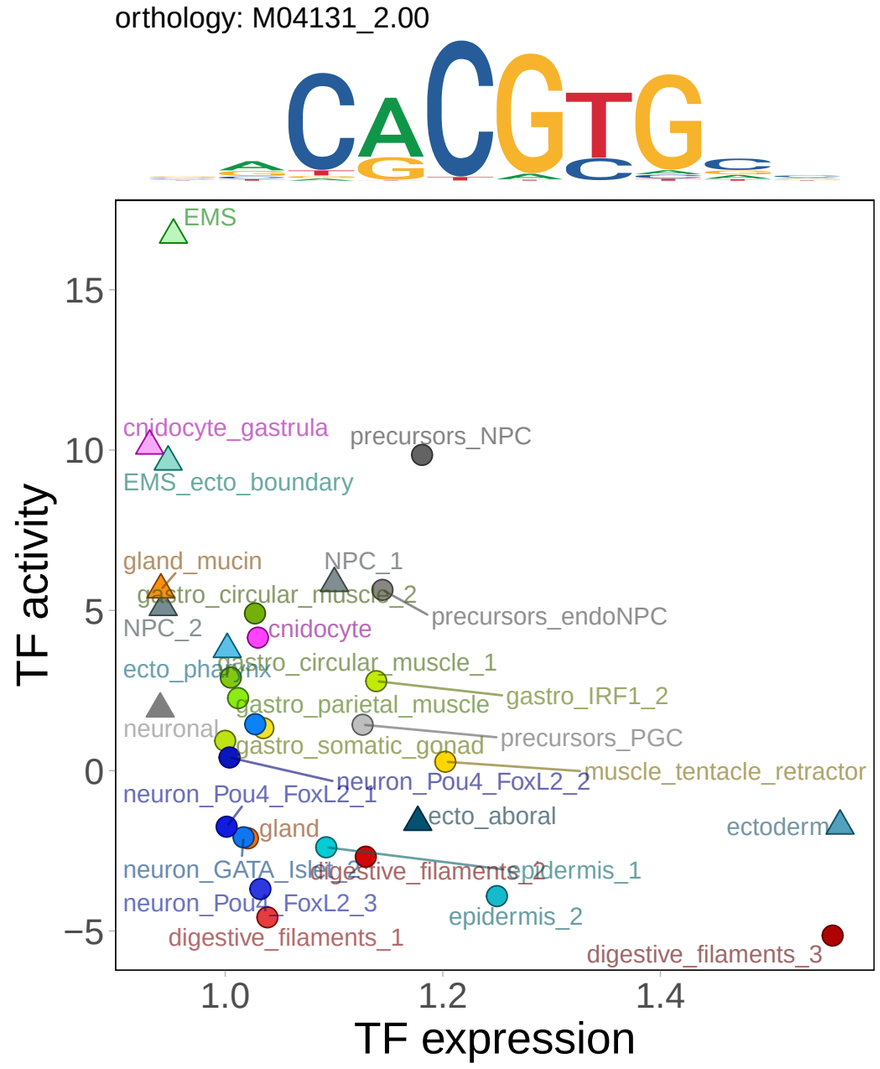


Nvec_vc1.1_XM_032383905.2
OG: HLH.HG1.11:HEY1/HEY2/HEYL
PFAM: HLH

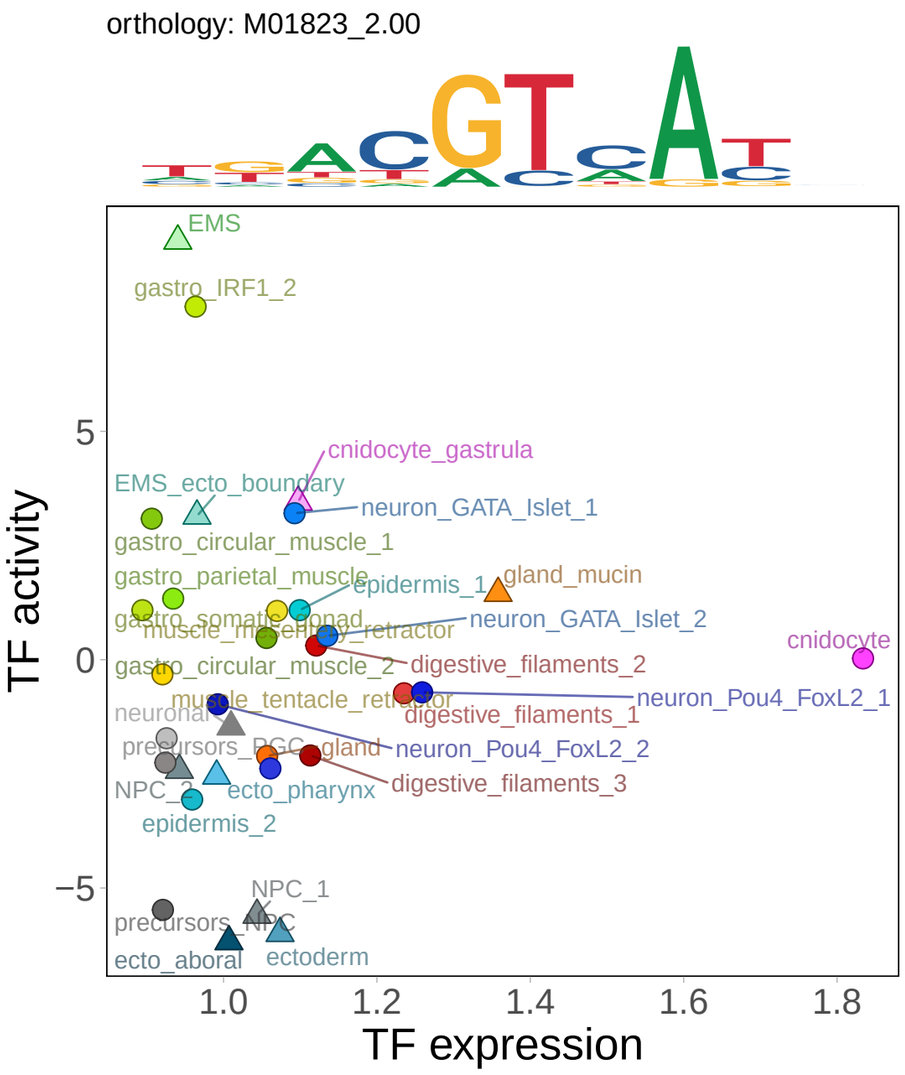
archetype: ARCH1533_BHLH112



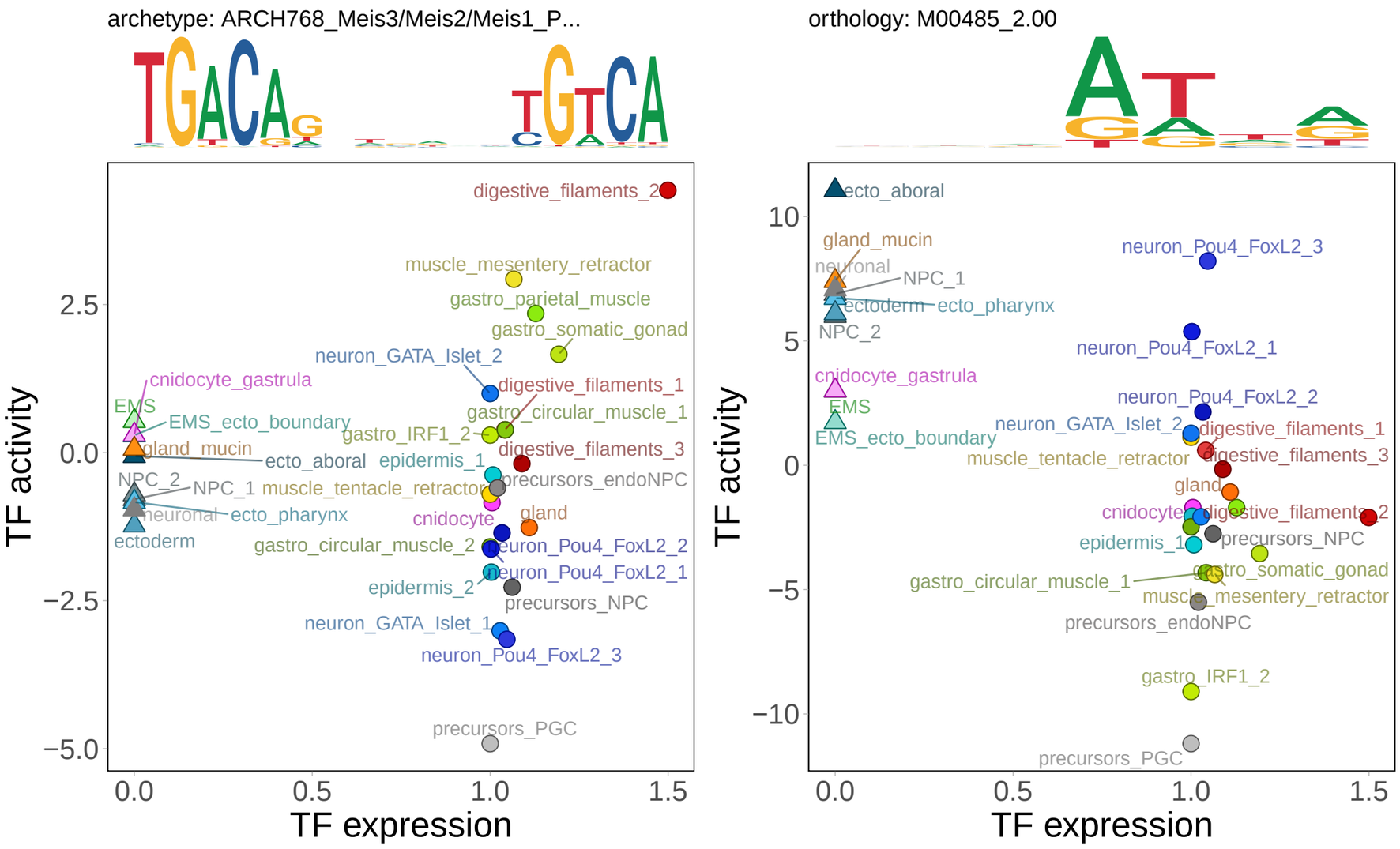
orthology: M04131_2.00



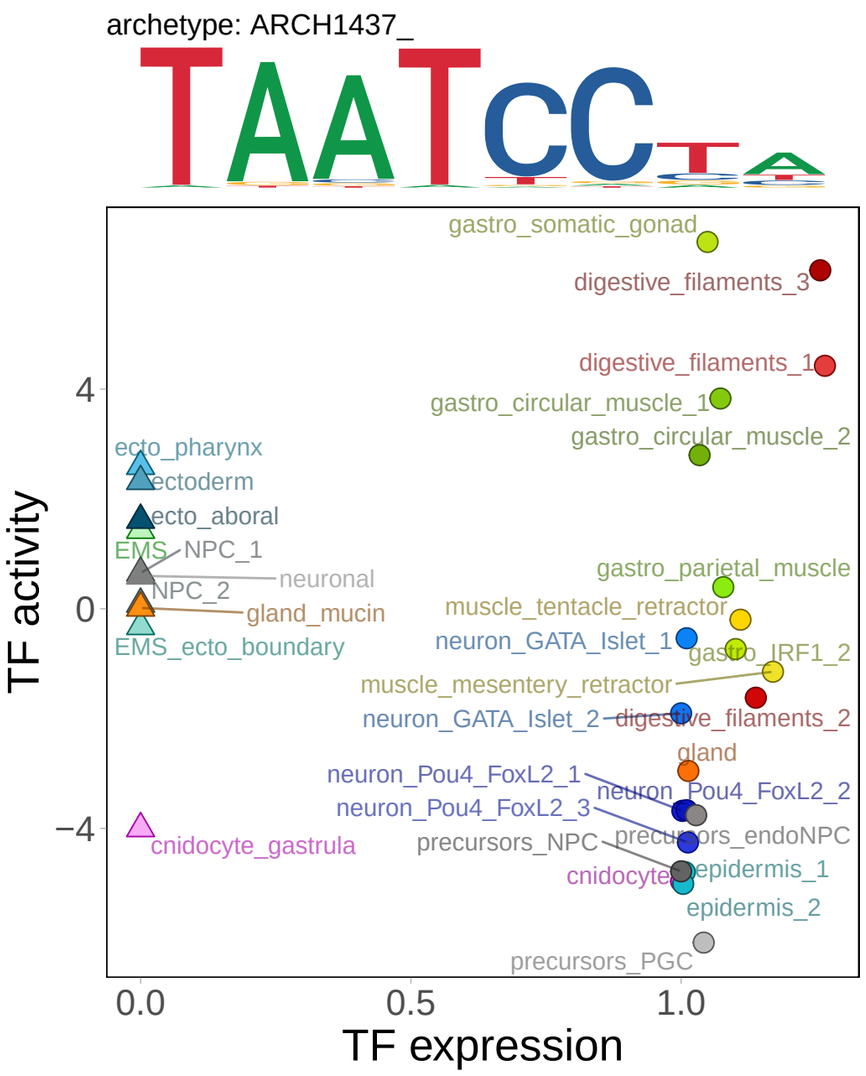
Nvec_vc1.1_XM_032383907.2
OG: bZIP.HG1.4:ATF2/ATF7/ATF7−NPFF/CREB5
PFAM: bZIP_1

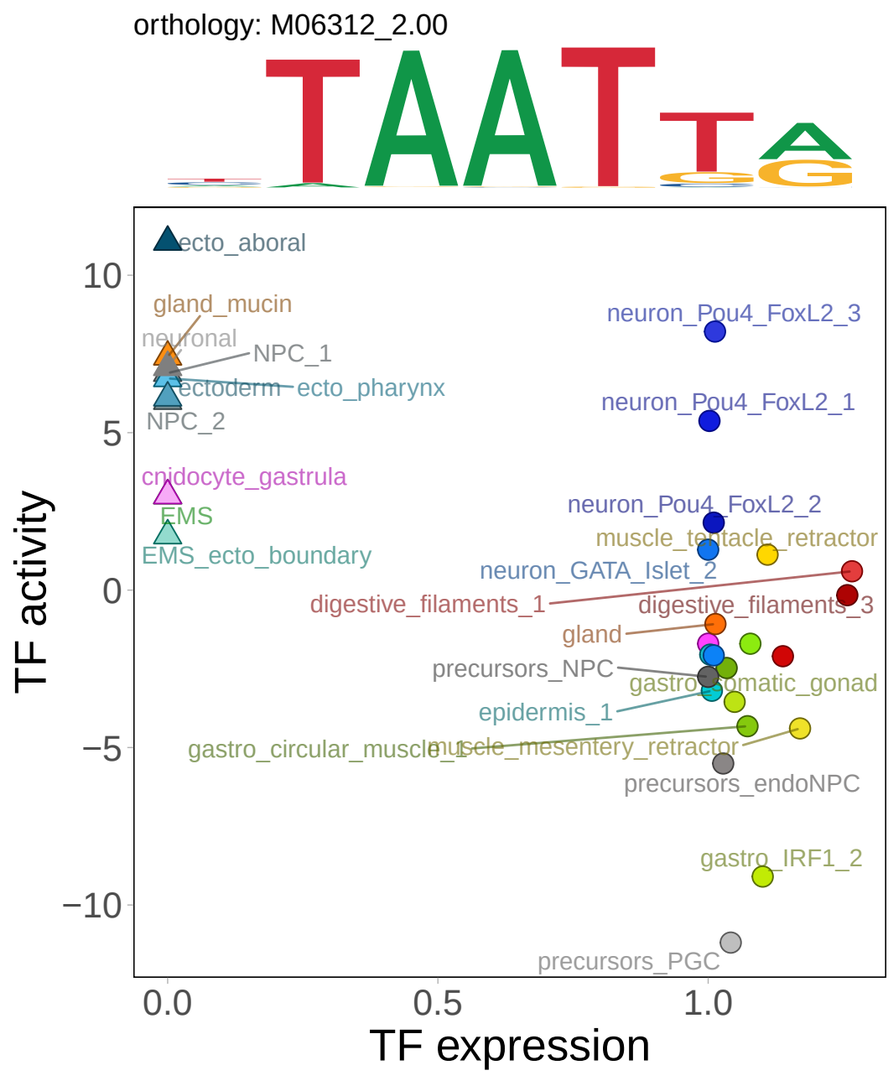


Nvec_vc1.1_XM_032383925.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain

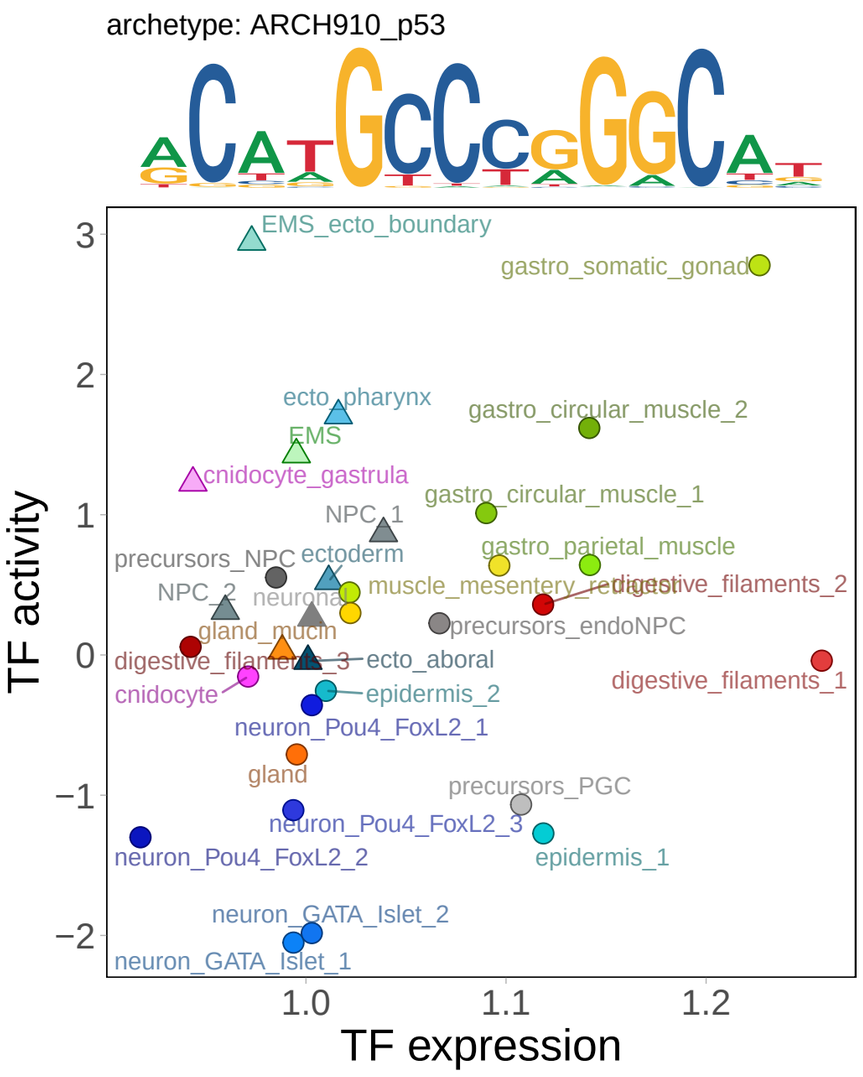


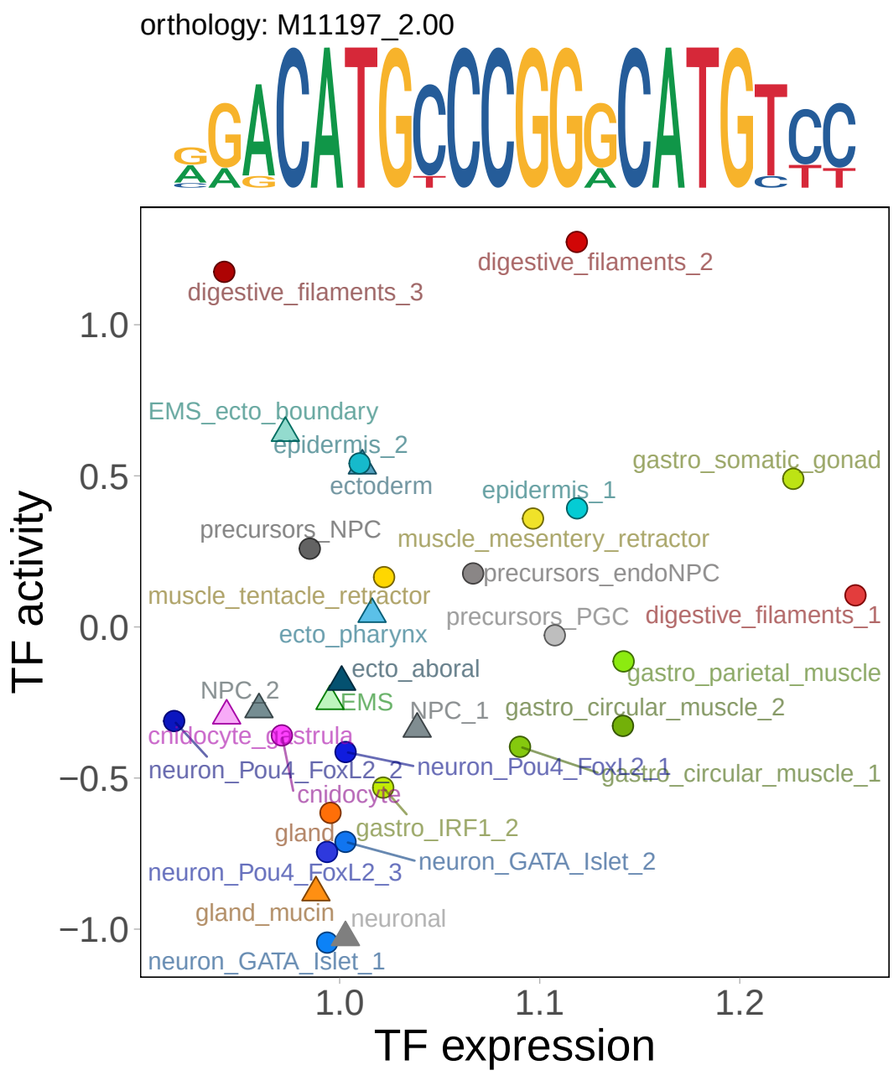
Nvec_vc1.1_XM_032383948.2
OG: Homeodomains.HG1.57:GBX1/GBX2
PFAM: Homeodomain



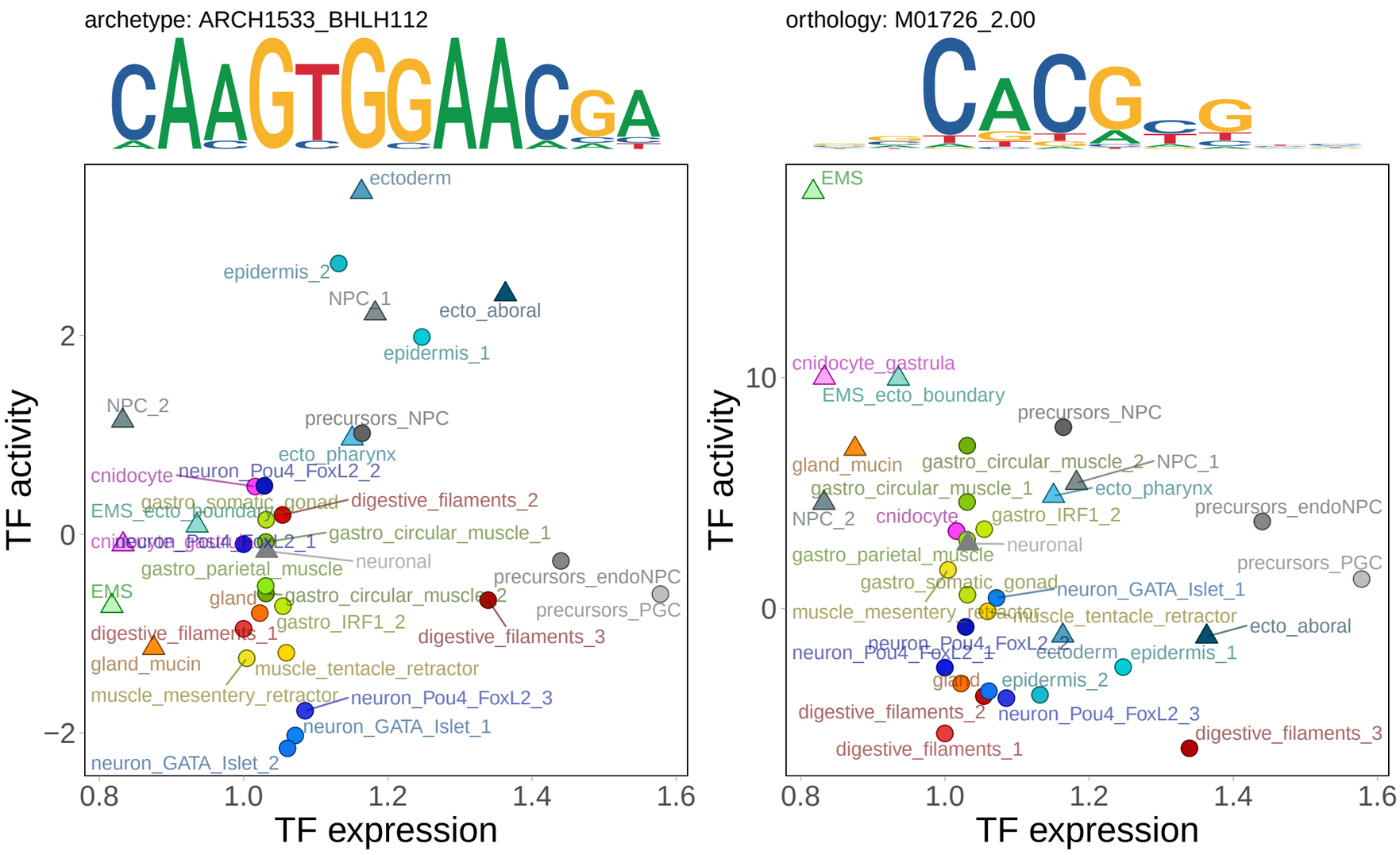


Nvec_vc1.1_XM_032383979.2
OG: P53.HG1.4:TP53/TP63/TP73
PFAM: P53

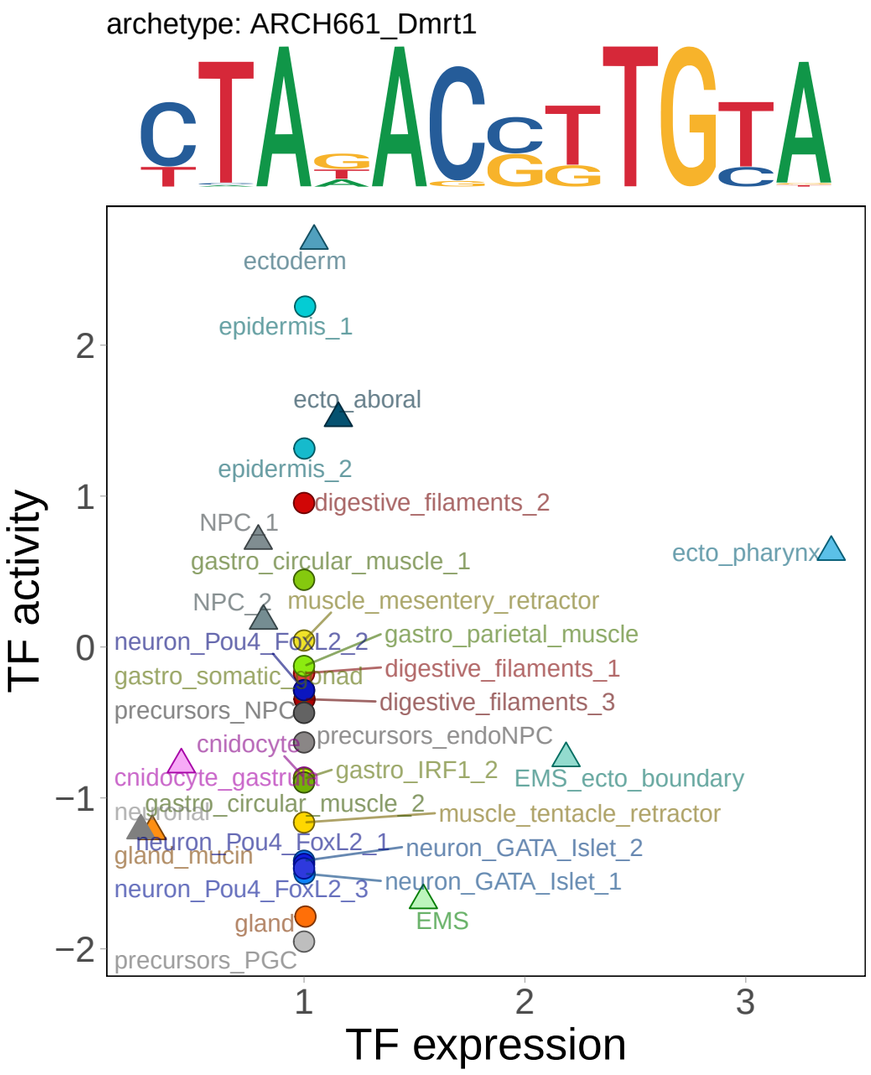


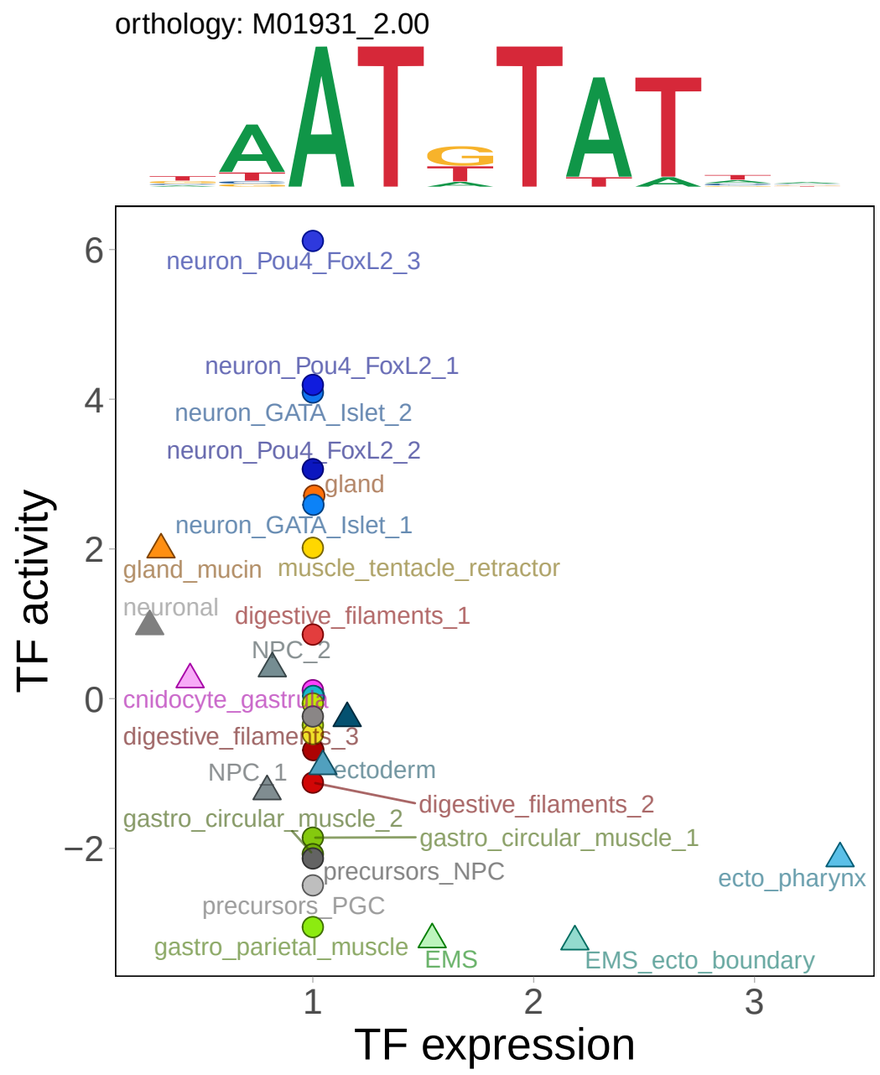


Nvec_vc1.1_XM_032384063.2
OG: HLH.HG1.53:HES5/HES7
PFAM: HLH

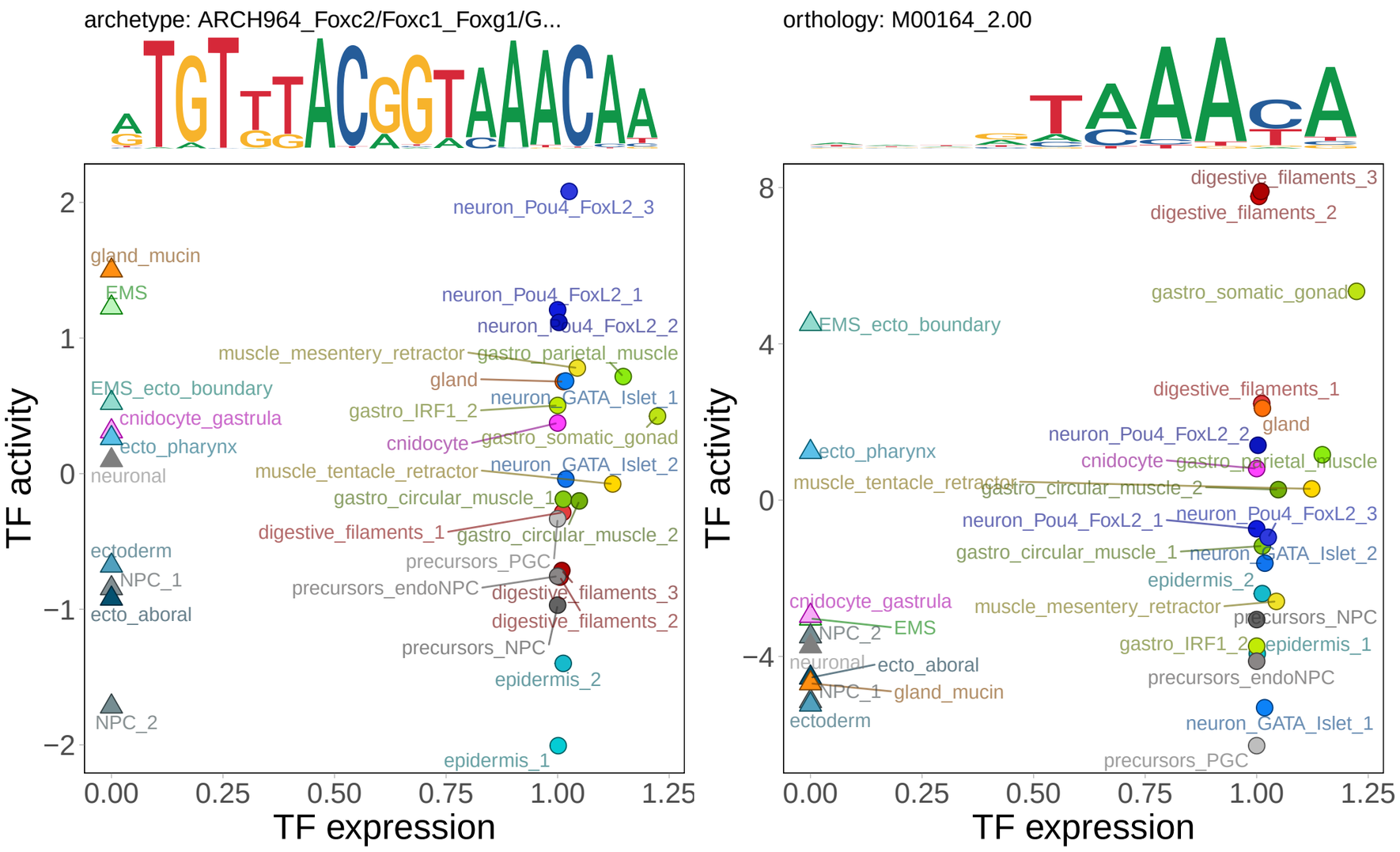


Nvec_vc1.1_XM_032384091.2
OG: Doublesex_DM.HG1.14:like:DMRT1/DMRT2/DMRT3/DMRTA1/DMRTA2/DMRTB1
PFAM: DM/DMA

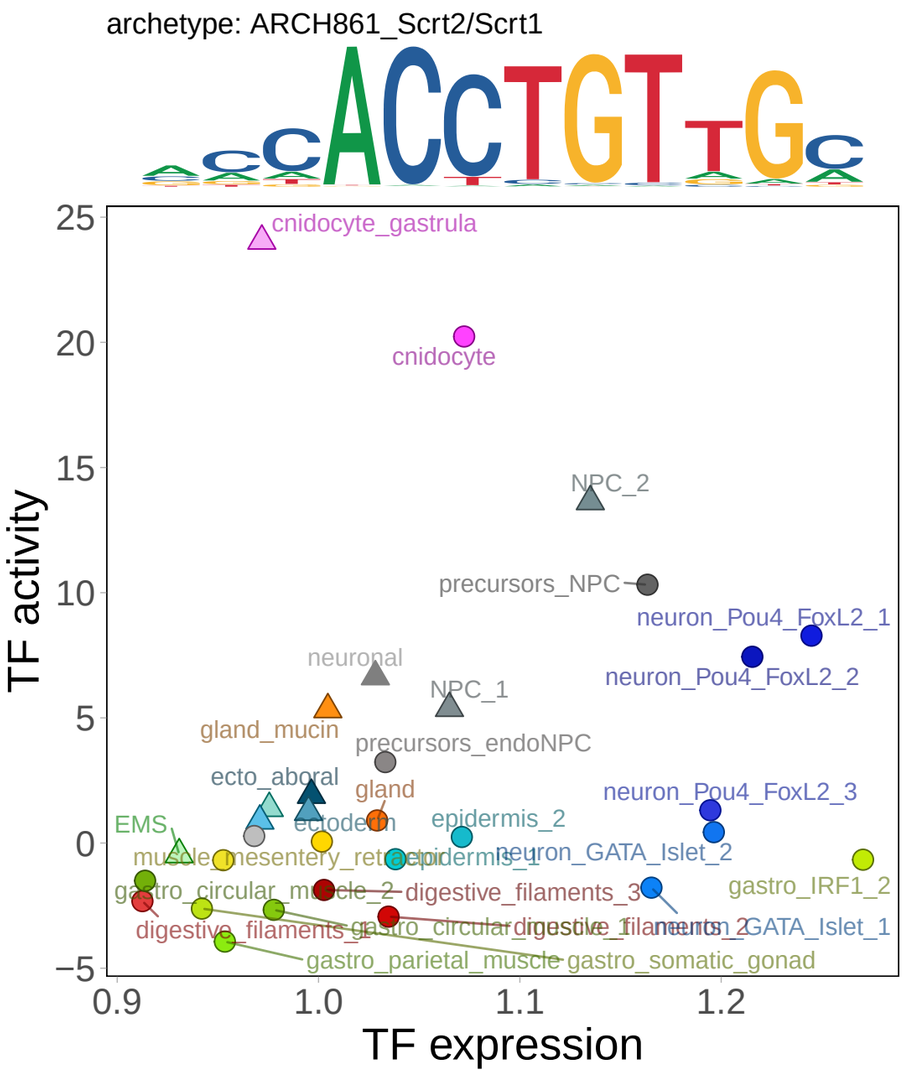




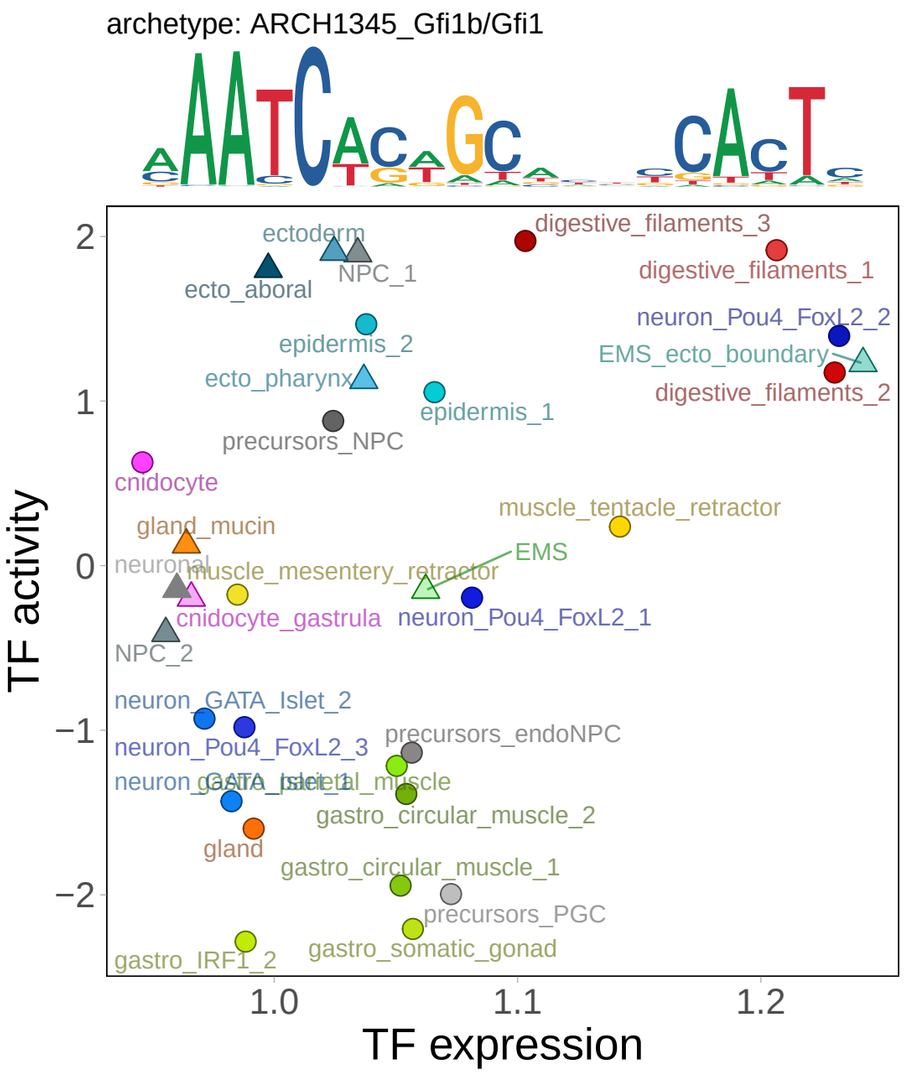
Nvec_vc1.1_XM_032384126.2
OG: Forkhead.HG1.17:like:FOXI1/FOXI2/FOXI3/FOXL3
PFAM: Forkhead



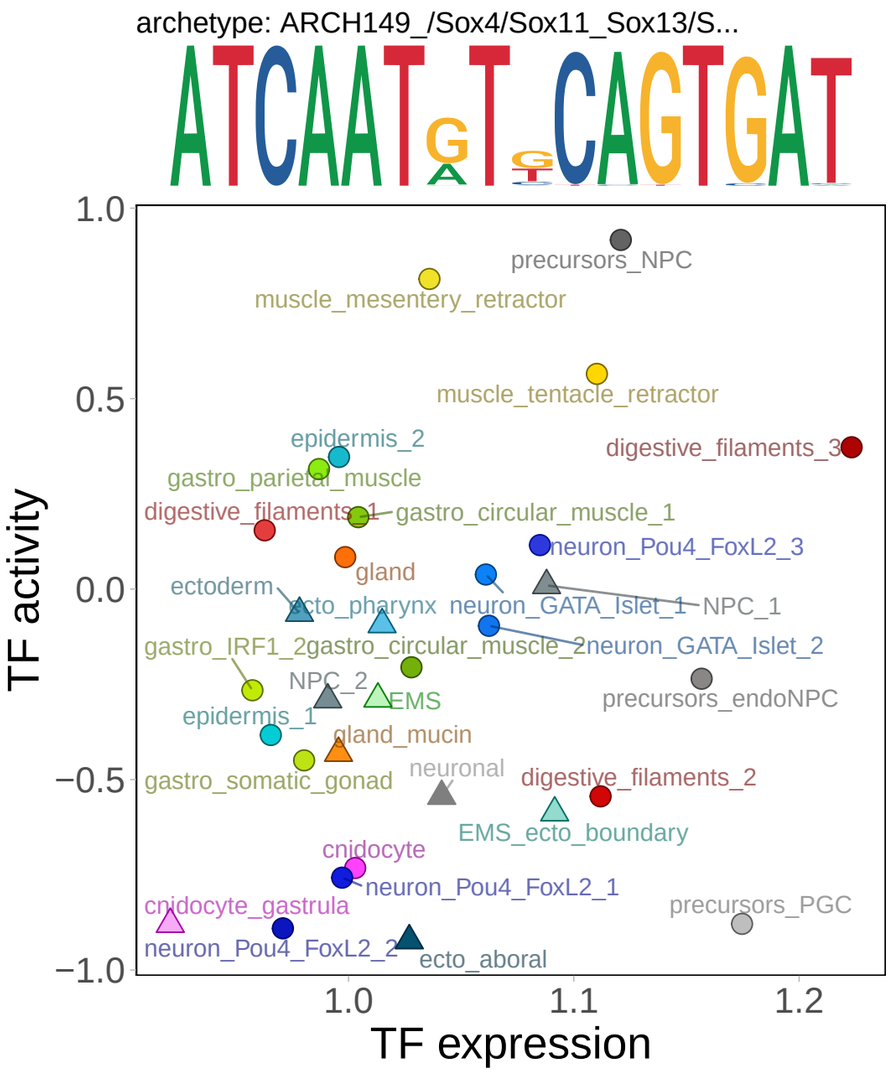
Nvec_vc1.1_XM_032384134.2
OG: zf−C2H2.HG3.3:ZNF641
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

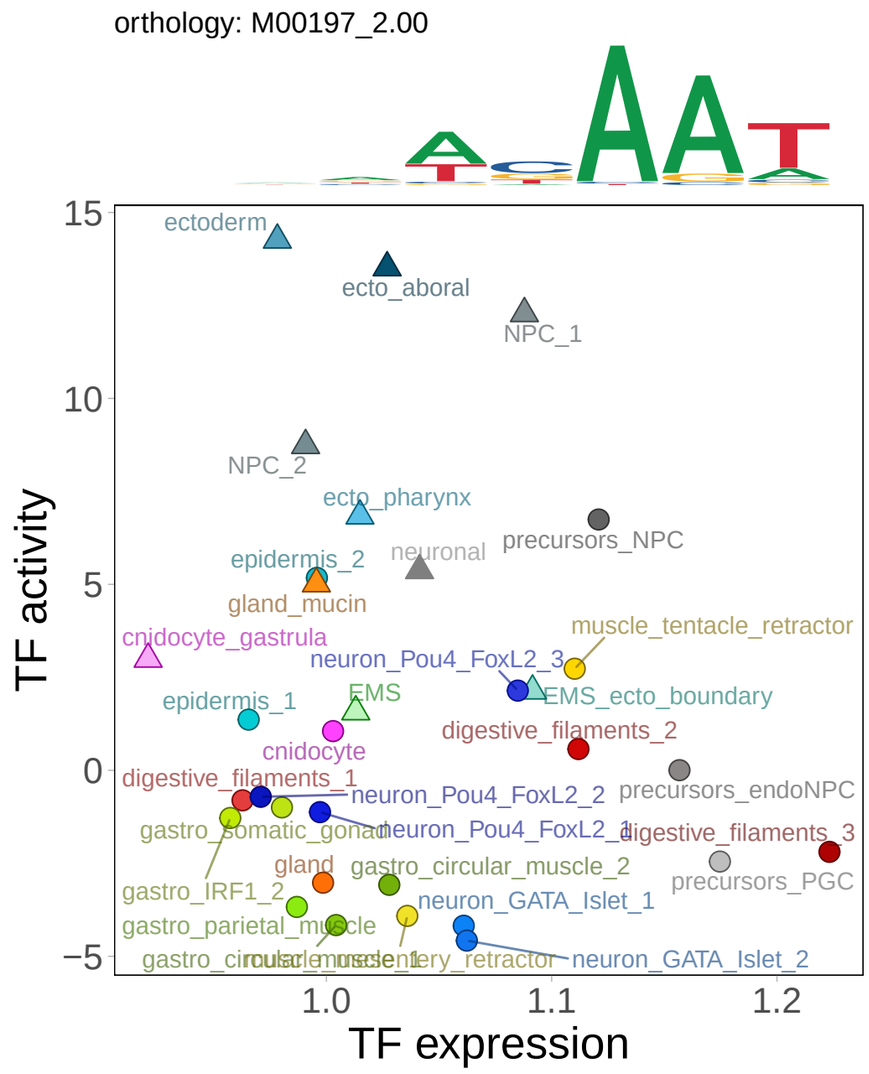


Nvec_vc1.1_XM_032384172.2
OG: zf−C2H2.HG1.40:GZF1/ZBTB24
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

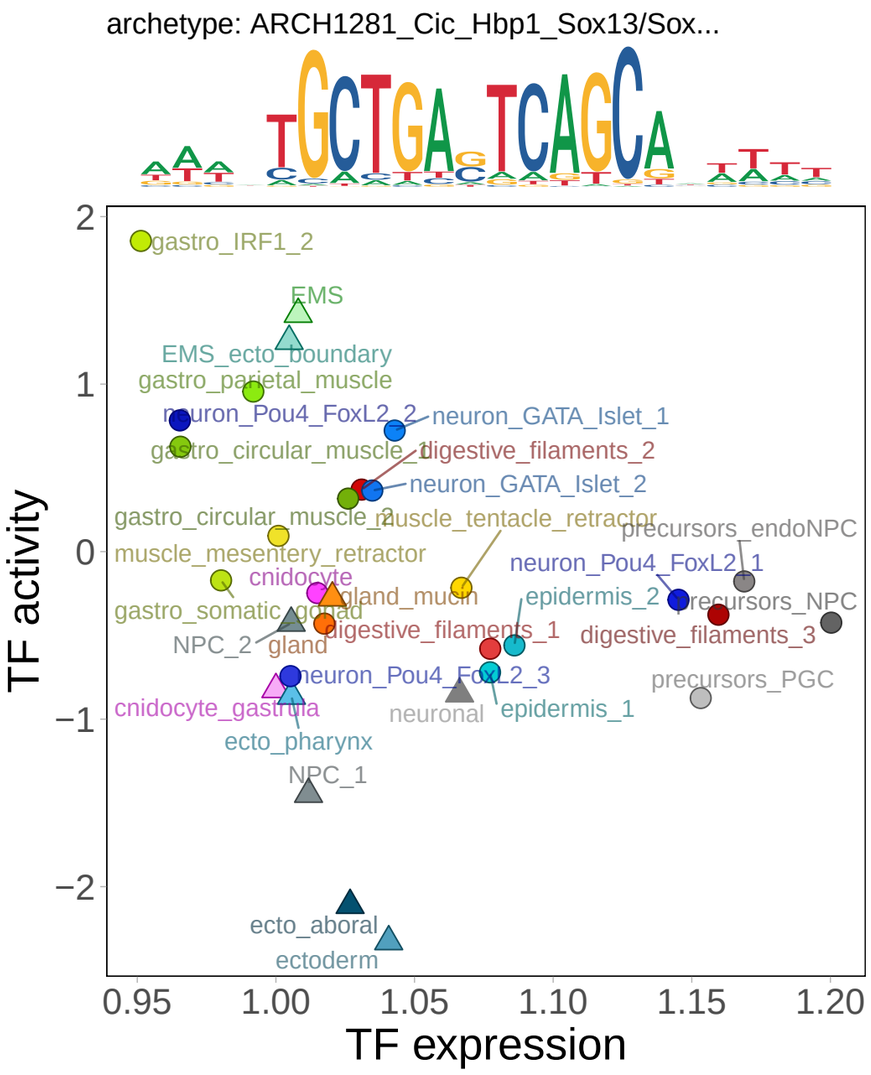


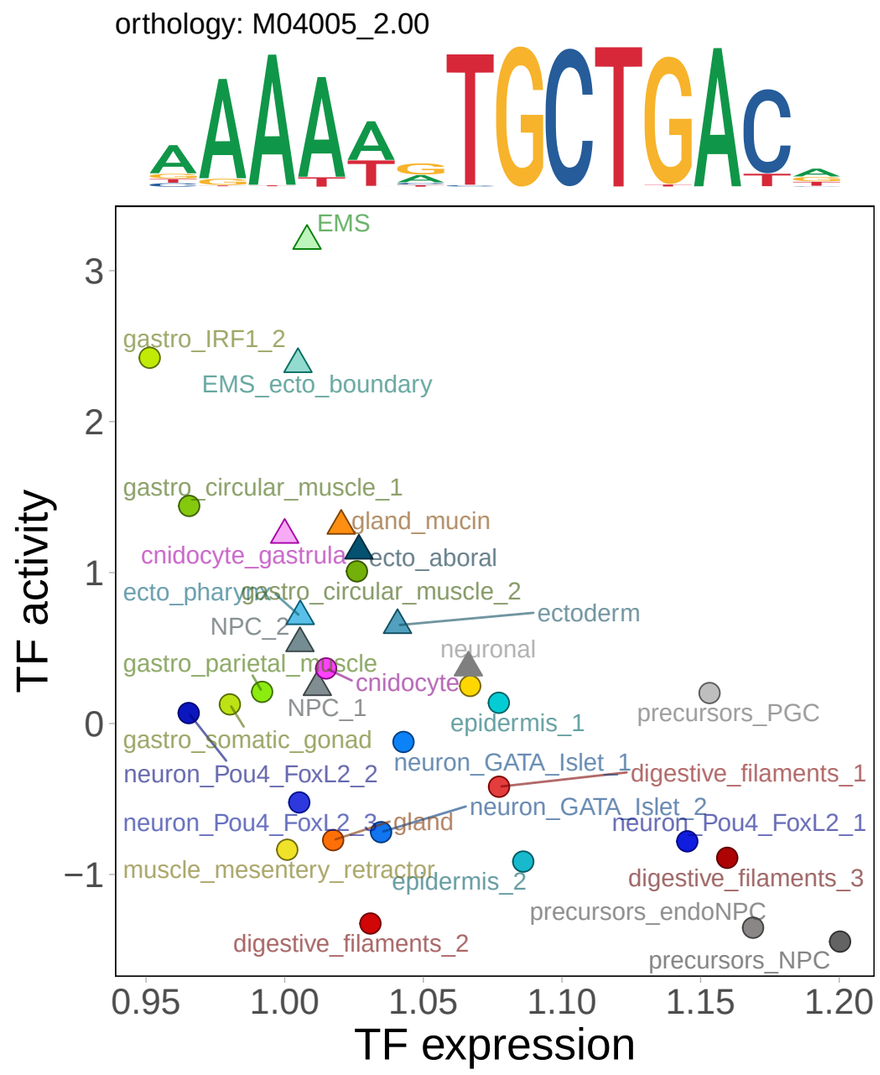
Nvec_vc1.1_XM_032384228.2
OG: HMGbox_Sox.HG1.26:like:SOX8/SOX9/SOX10
PFAM: HMG_box



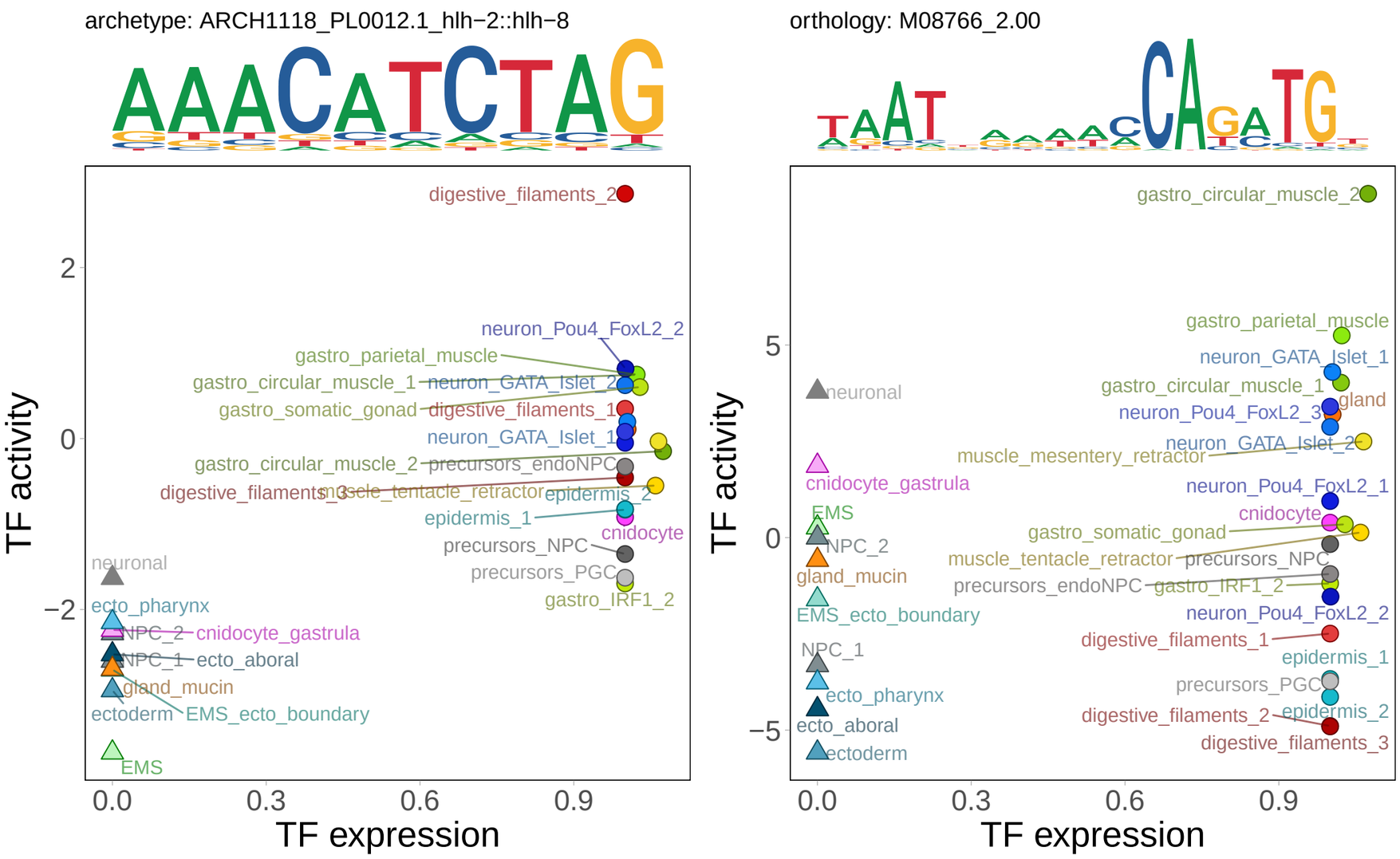


Nvec_vc1.1_XM_032384300.2
OG: bZIP.HG3.0:MAFF/MAFG/MAFK
PFAM: bZIP_Maf

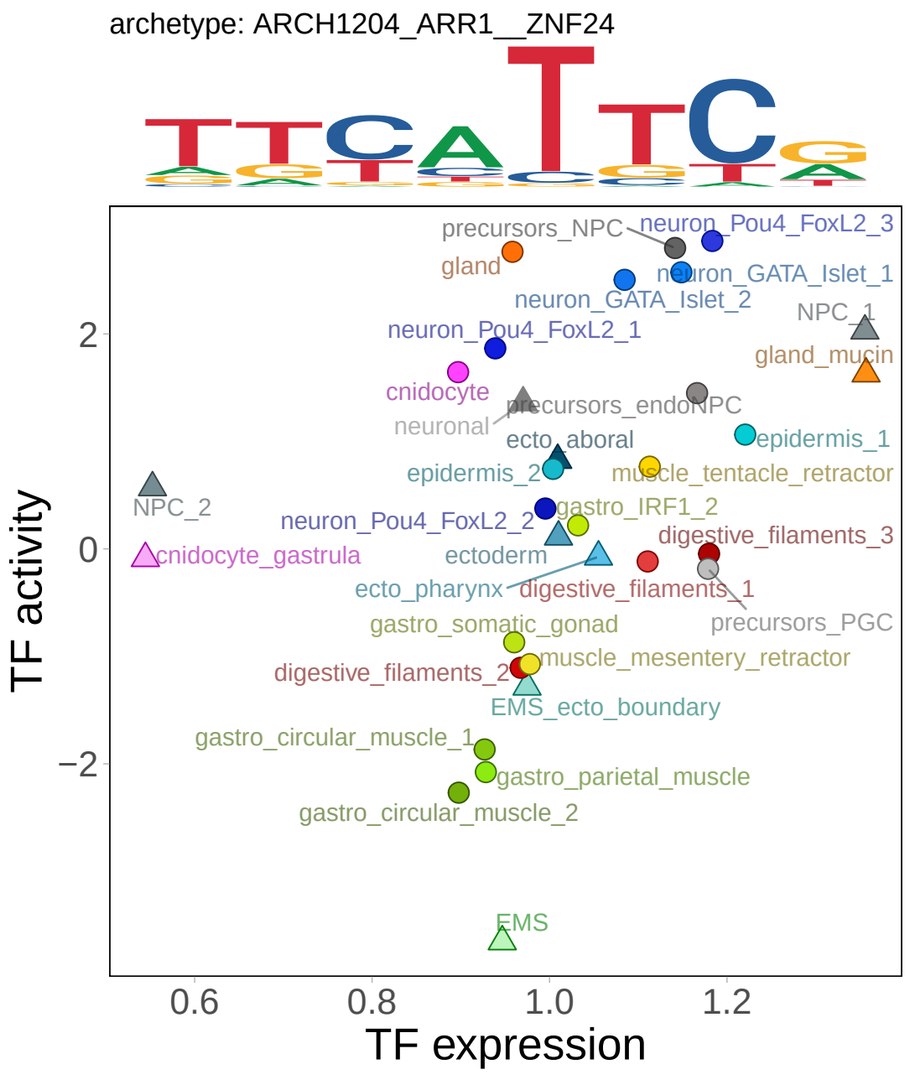




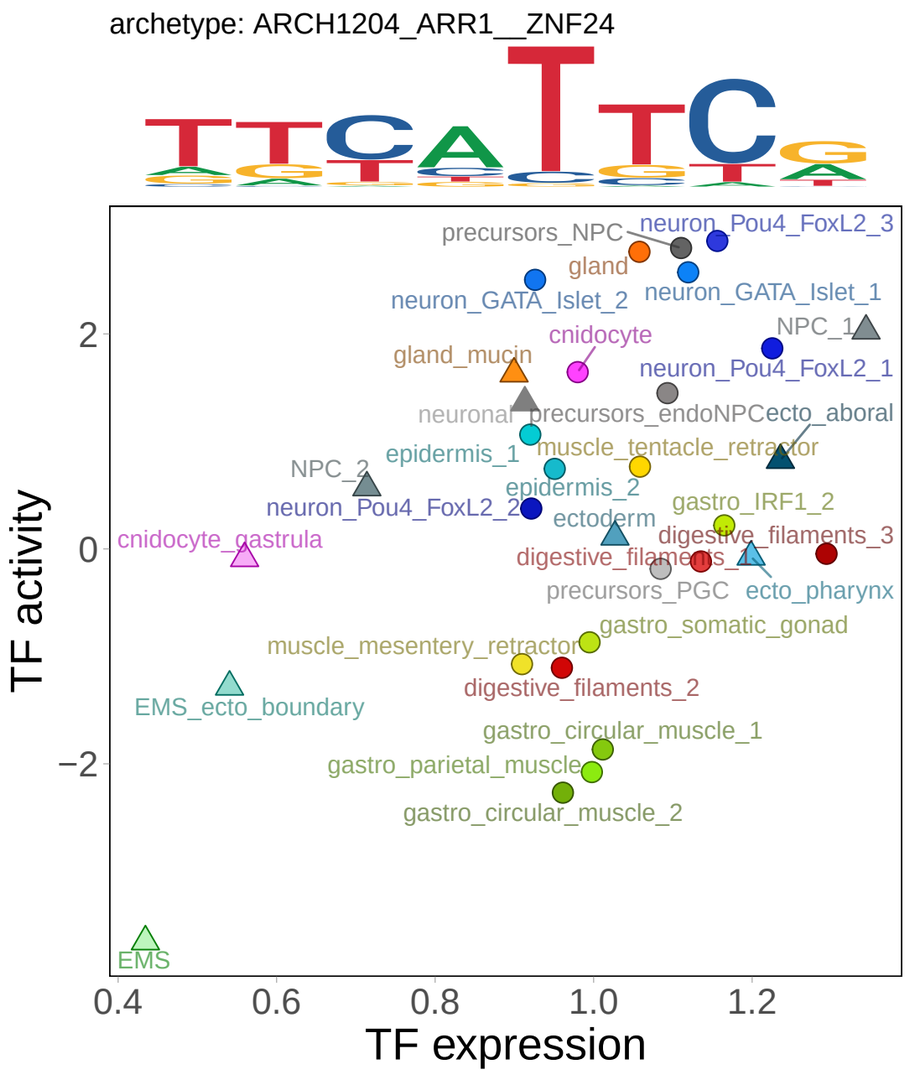
Nvec_vc1.1_XM_032384433.2
OG: HLH.HG1.86:TWIST1/TWIST2
PFAM: HLH



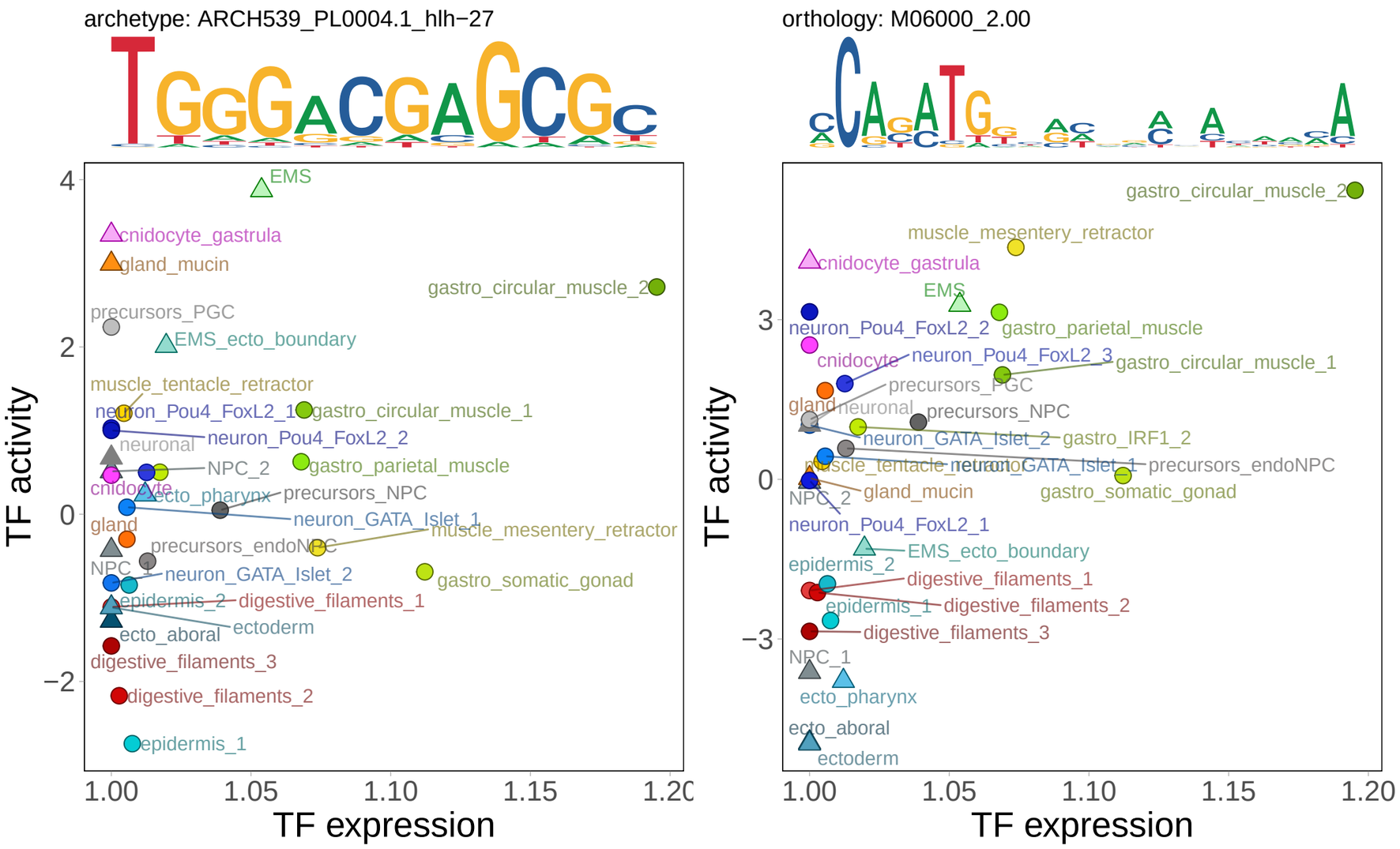
Nvec_vc1.1_XM_032384447.2
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9
PFAM: zf−C2H2/zf−C2H2/zf−C2H2



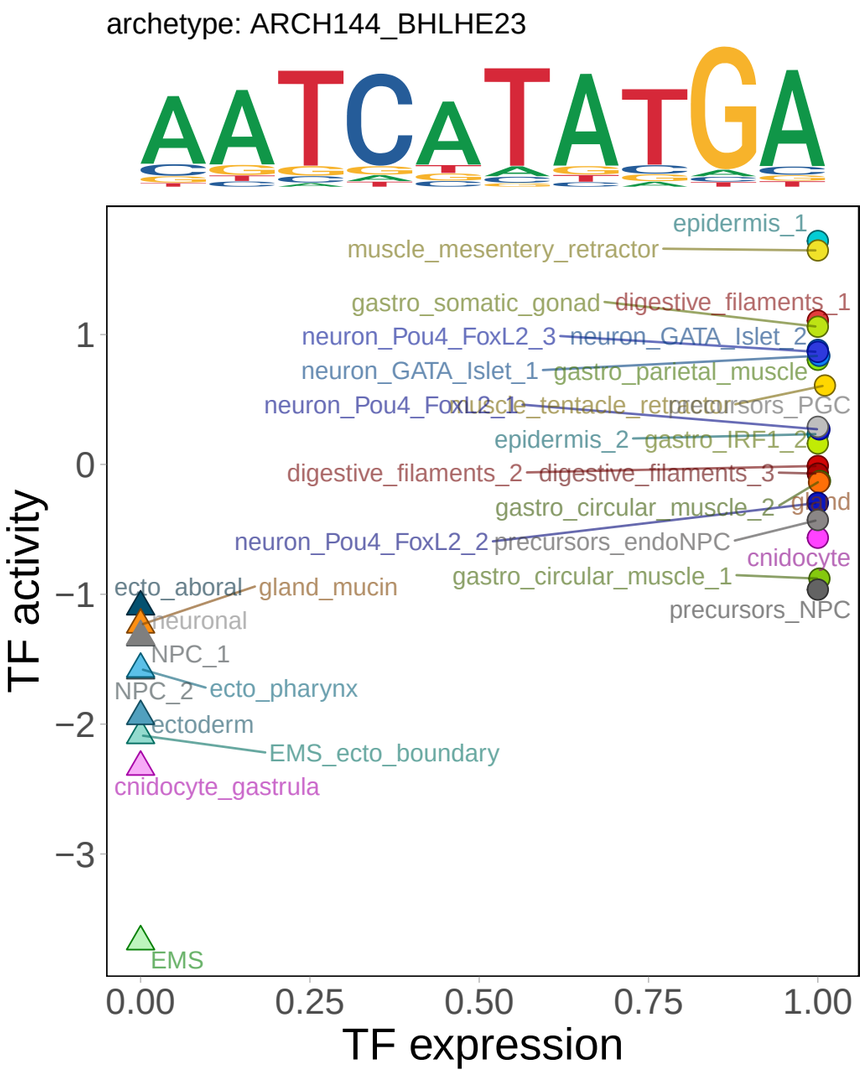
Nvec_vc1.1_XM_032384450.2
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

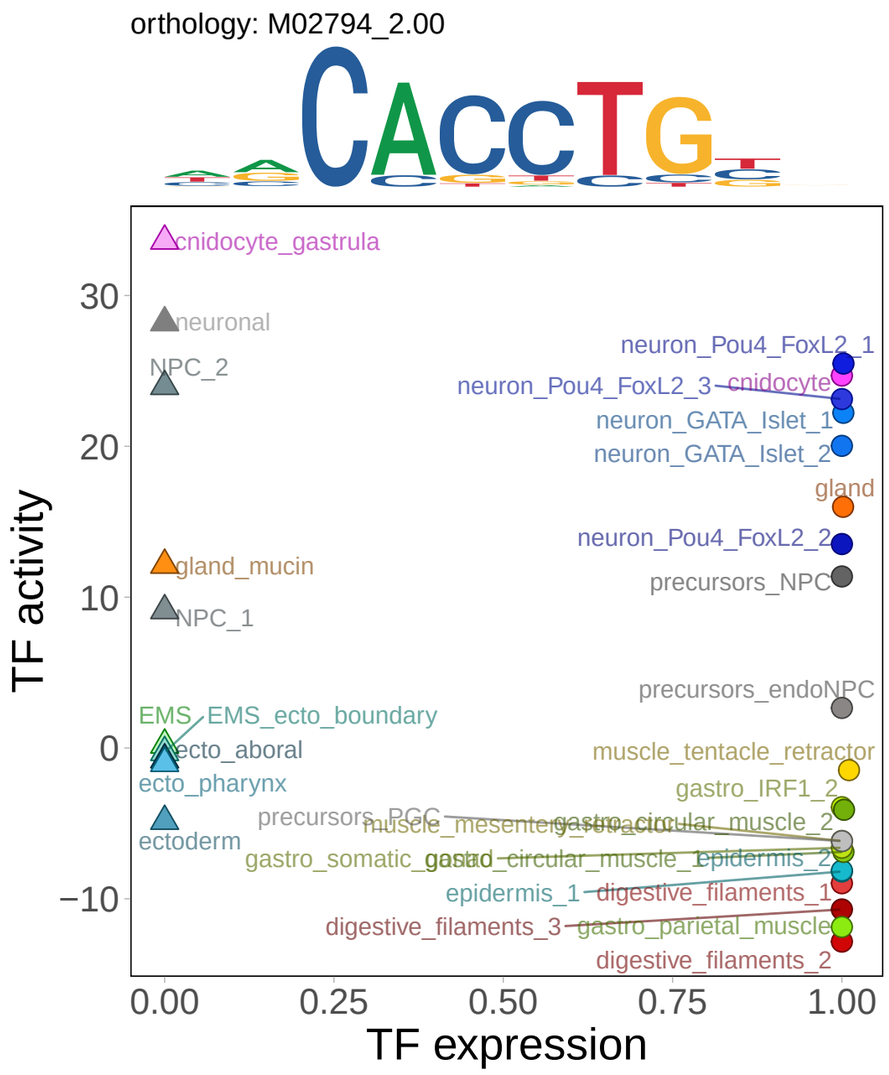


Nvec_vc1.1_XM_032384474.2
OG: HLH.HG1.85:SCX/TCF15
PFAM: HLH

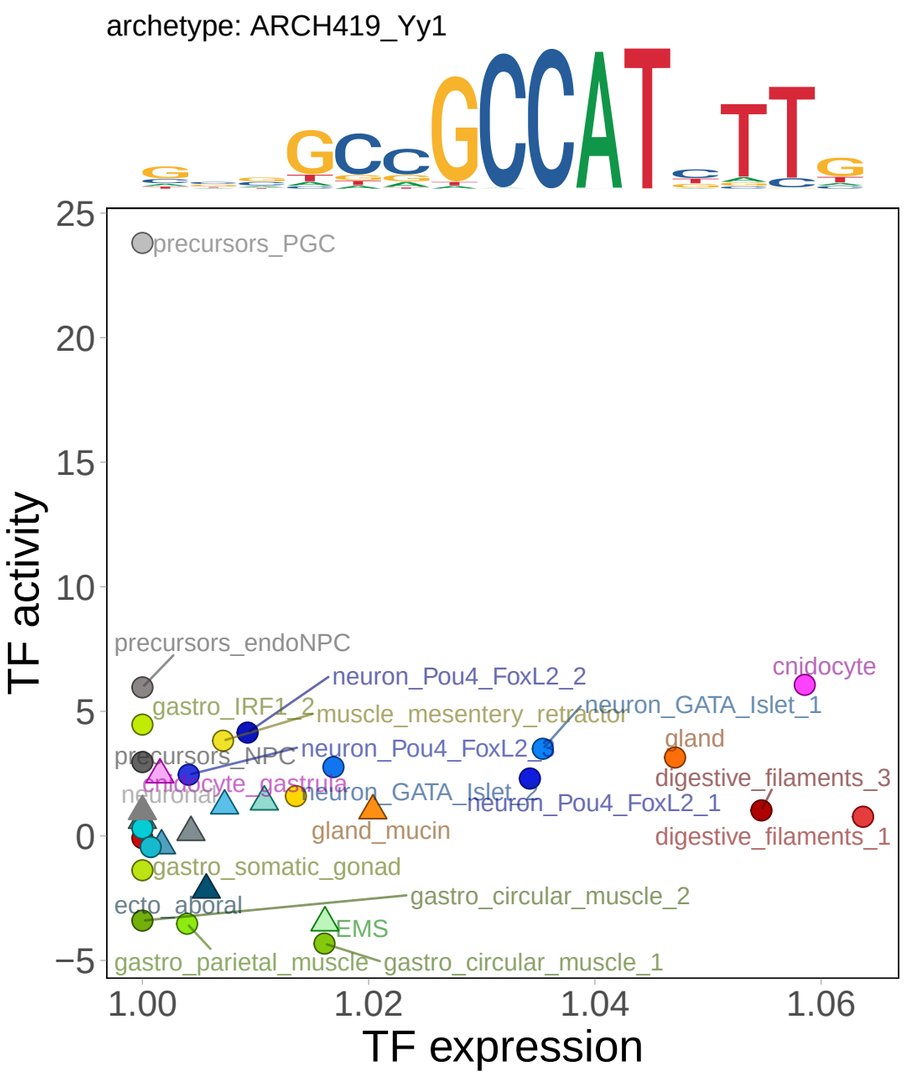


Nvec_vc1.1_XM_032384492.2
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH



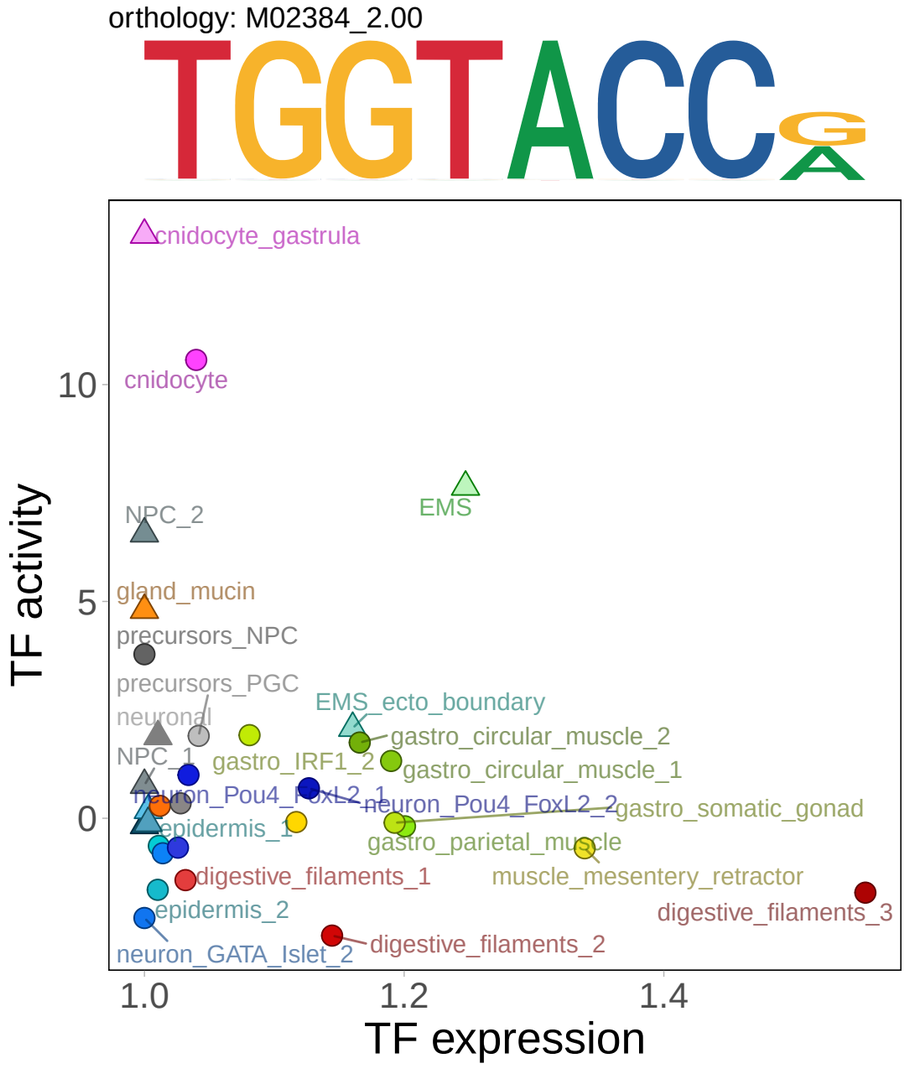


Nvec_vc1.1_XM_032384768.2
OG: zf−C2H2.HG3.0:like:AC002310.4/BCL6/HINFP/HIVEP2/HIVEP3/PRDM9/RREB1/YY1/YY2/ZBTB16/ZB
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

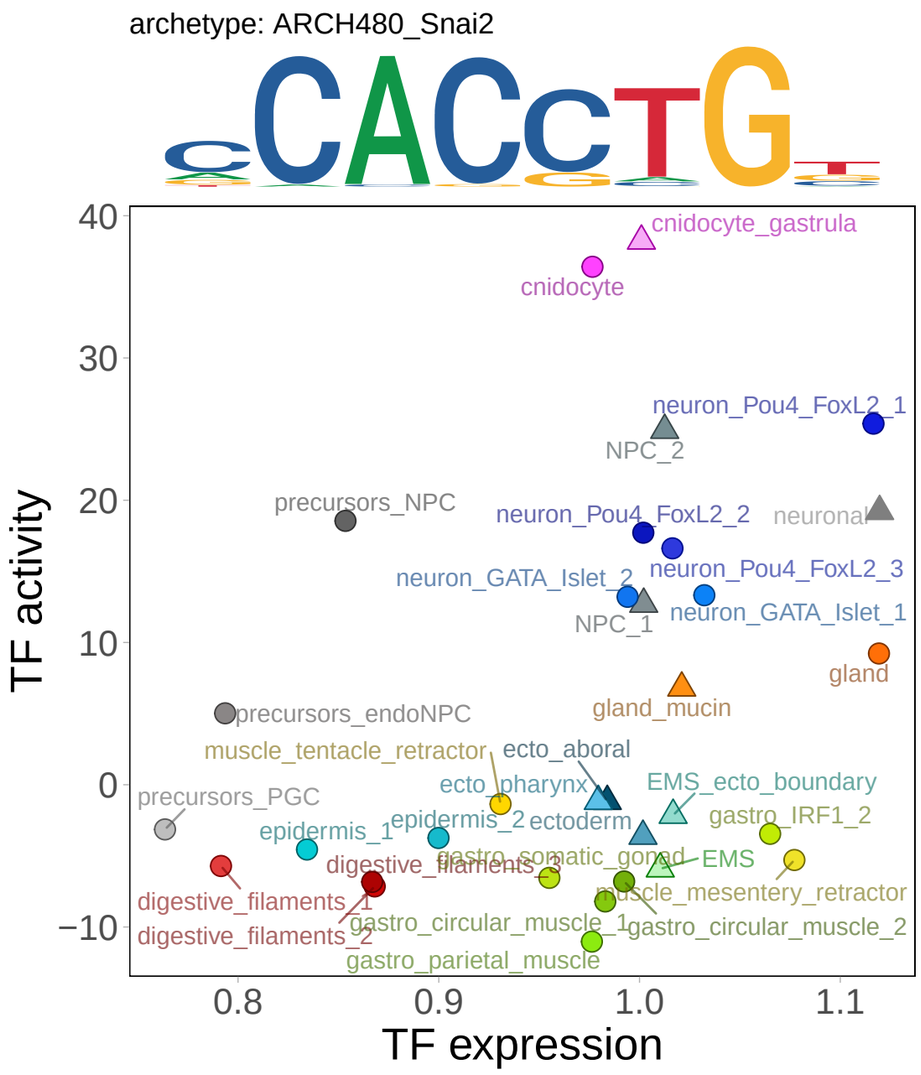


Nvec_vc1.1_XM_032384789.2
OG: Ndt80_PhoG.HG1.0:MYRF/MYRFL
PFAM: NDT80_PhoG/Peptidase_S74/MRF_C1/MRF_C2

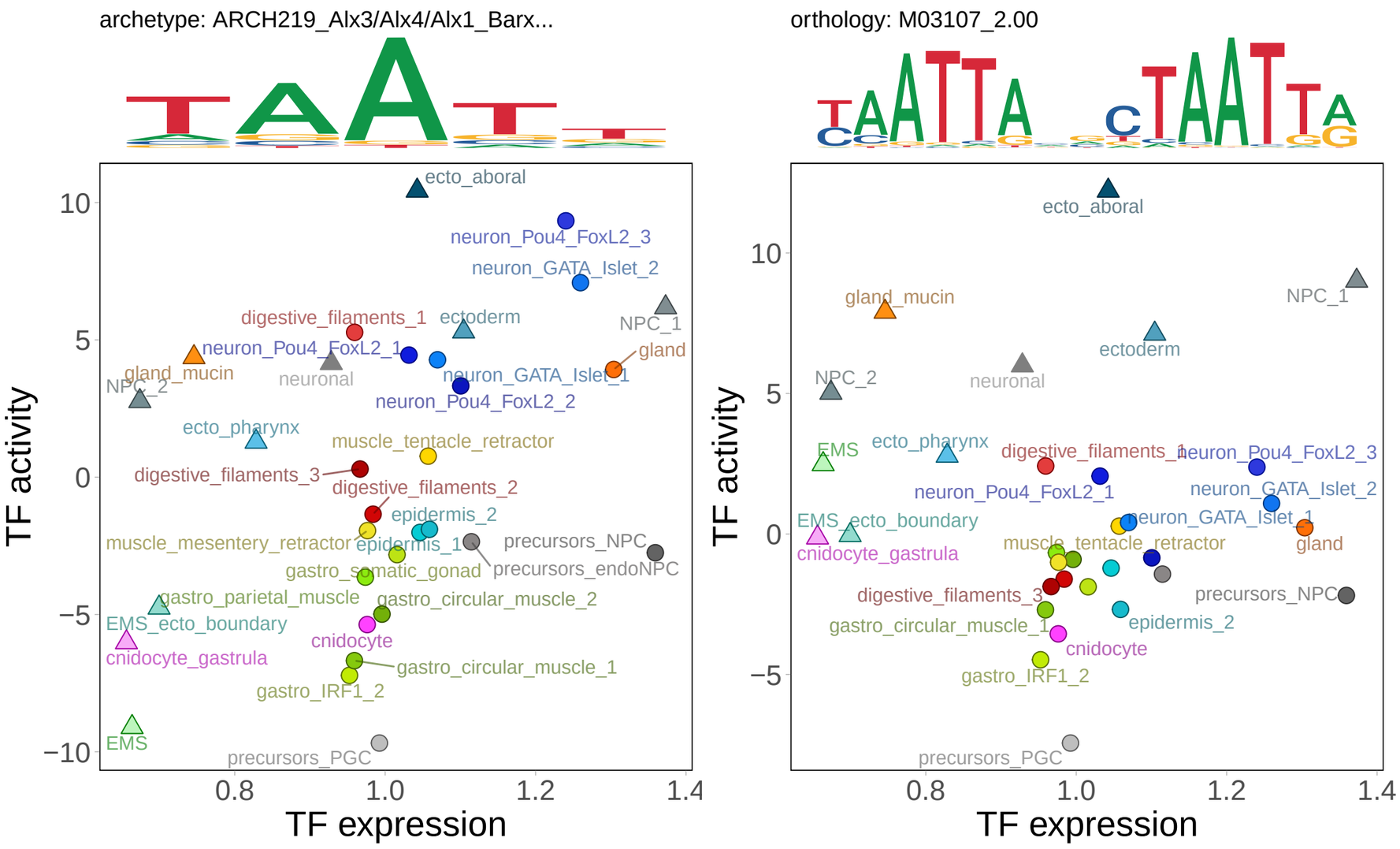
orthology: M02384_2.00



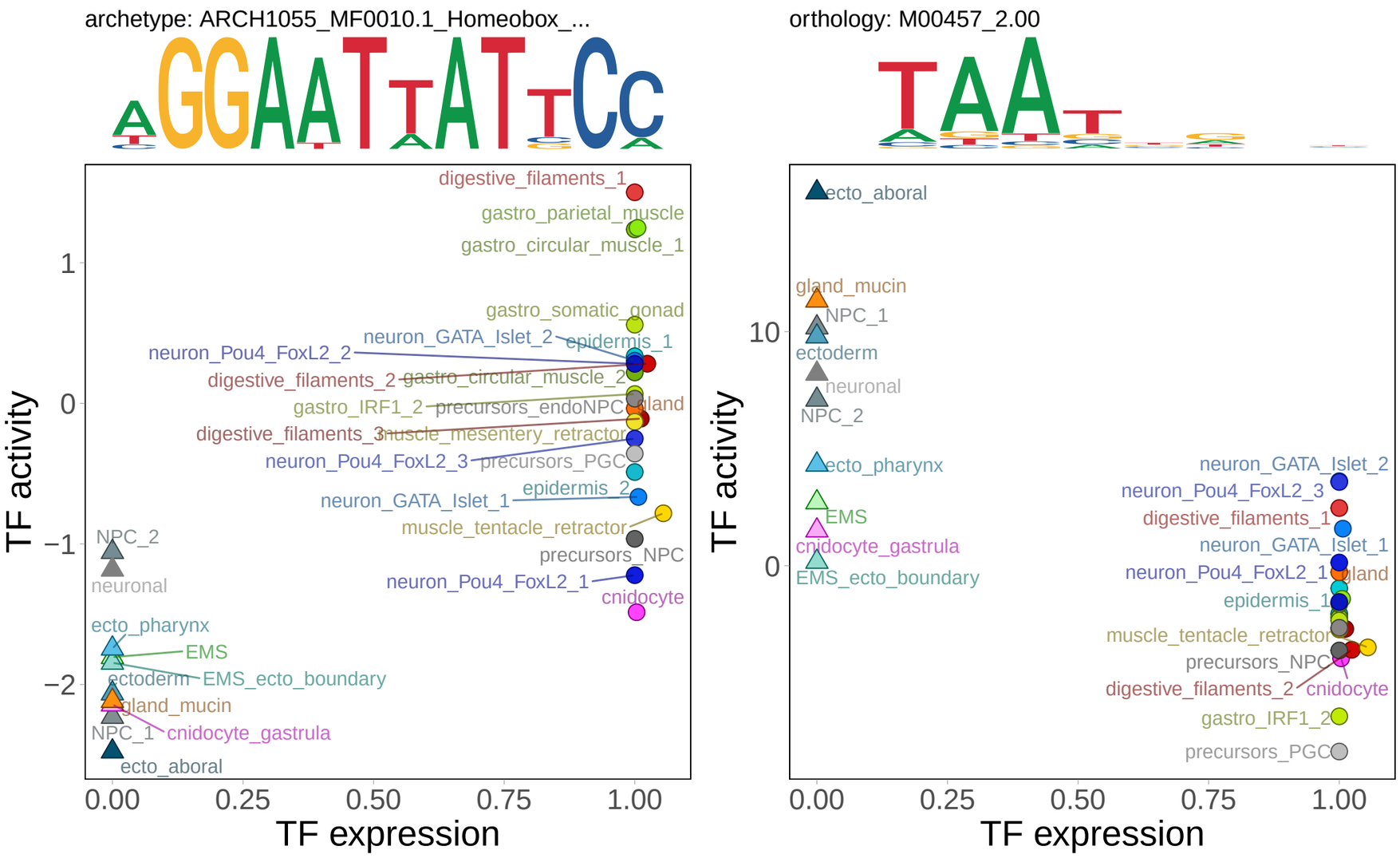
Nvec_vc1.1_XM_032384912.2
OG: zf−C2H2.HG1.78:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



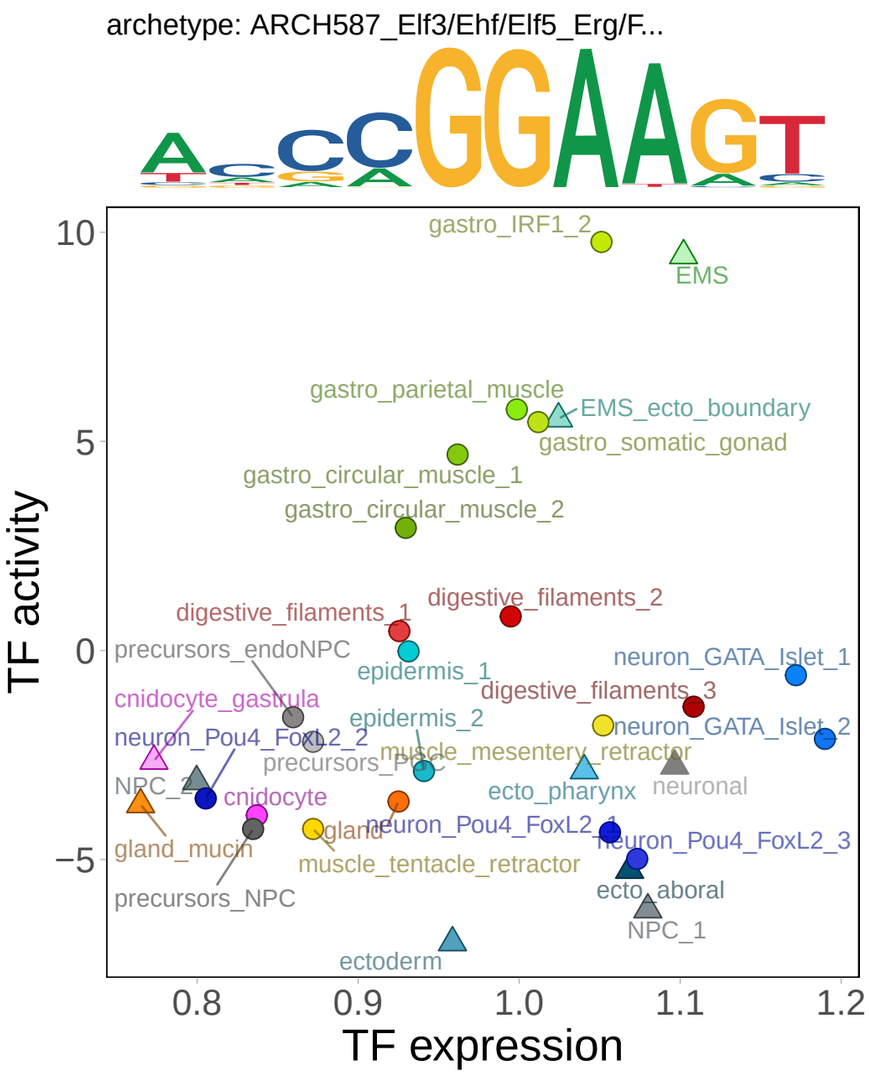
Nvec_vc1.1_XM_032384949.2
OG: Homeodomains.HG2.8:LHX2/LHX9
PFAM: LIM/LIM/Homeodomain

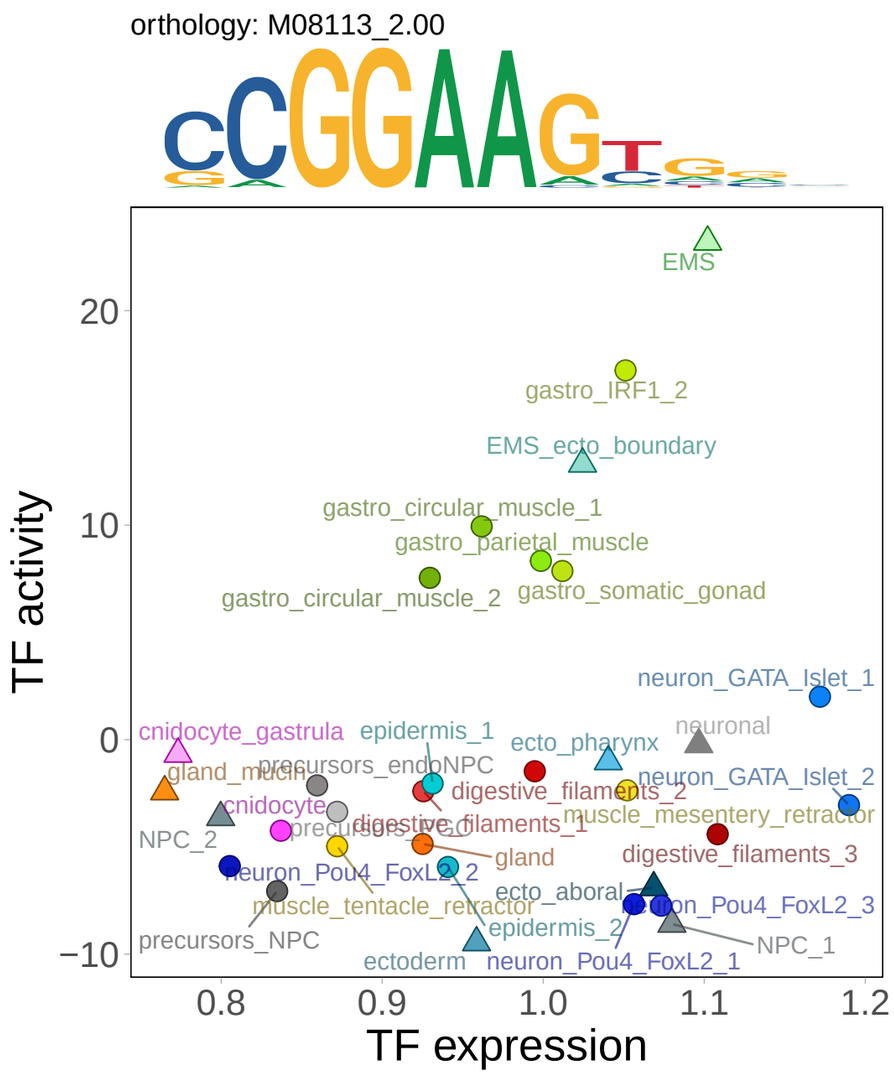


Nvec_vc1.1_XM_032385045.2
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX
PFAM: Homeodomain

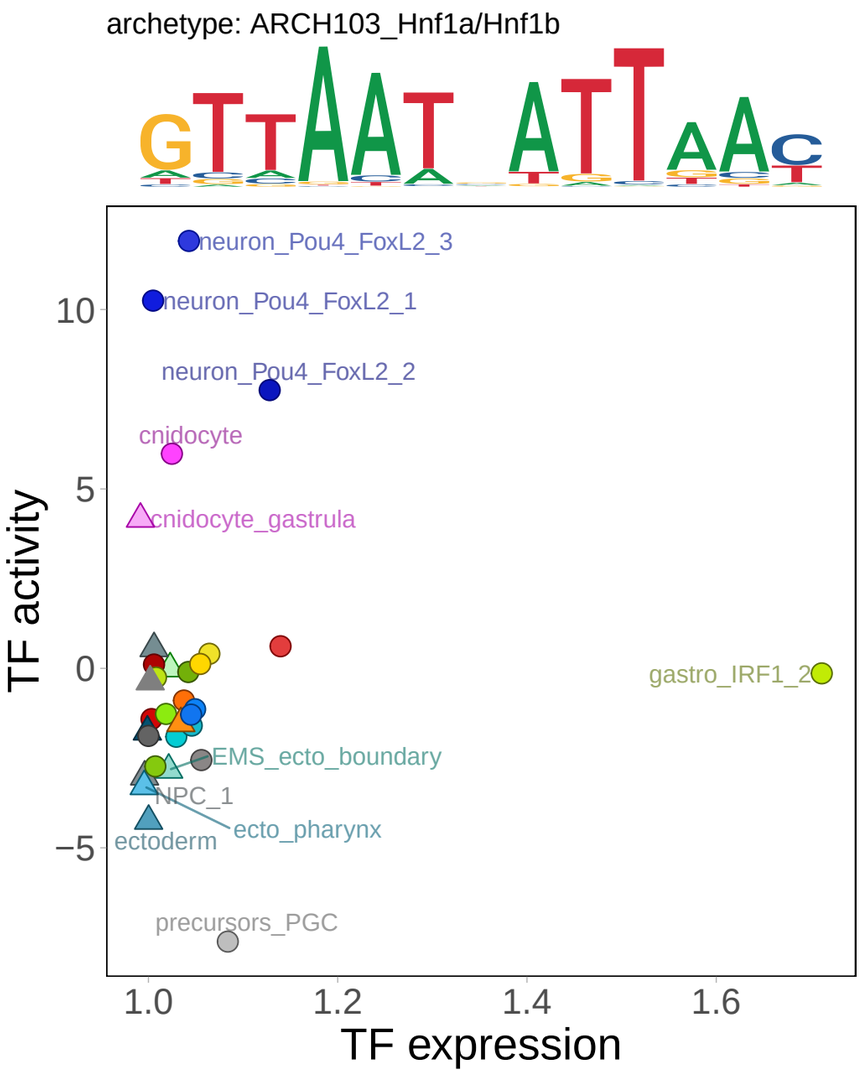


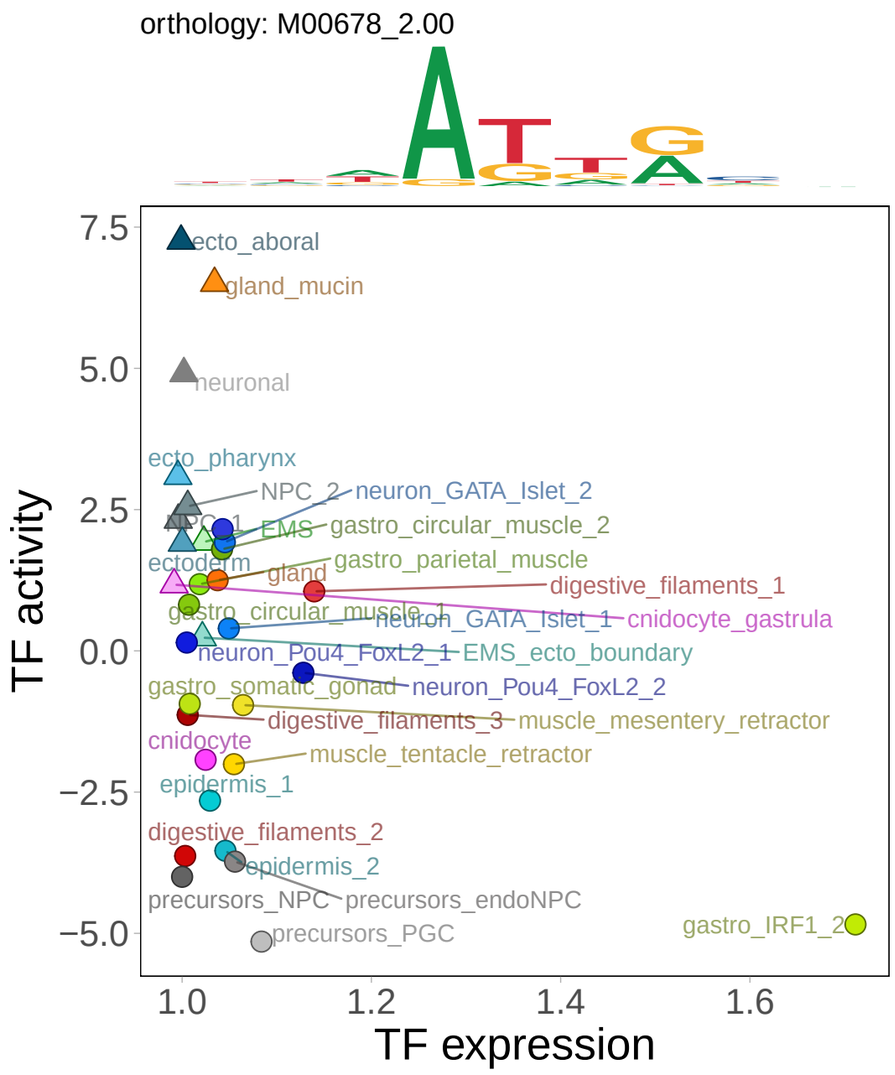
Nvec_vc1.1_XM_032385089.2
OG: Ets.HG1.7:GABPA
PFAM: Ets



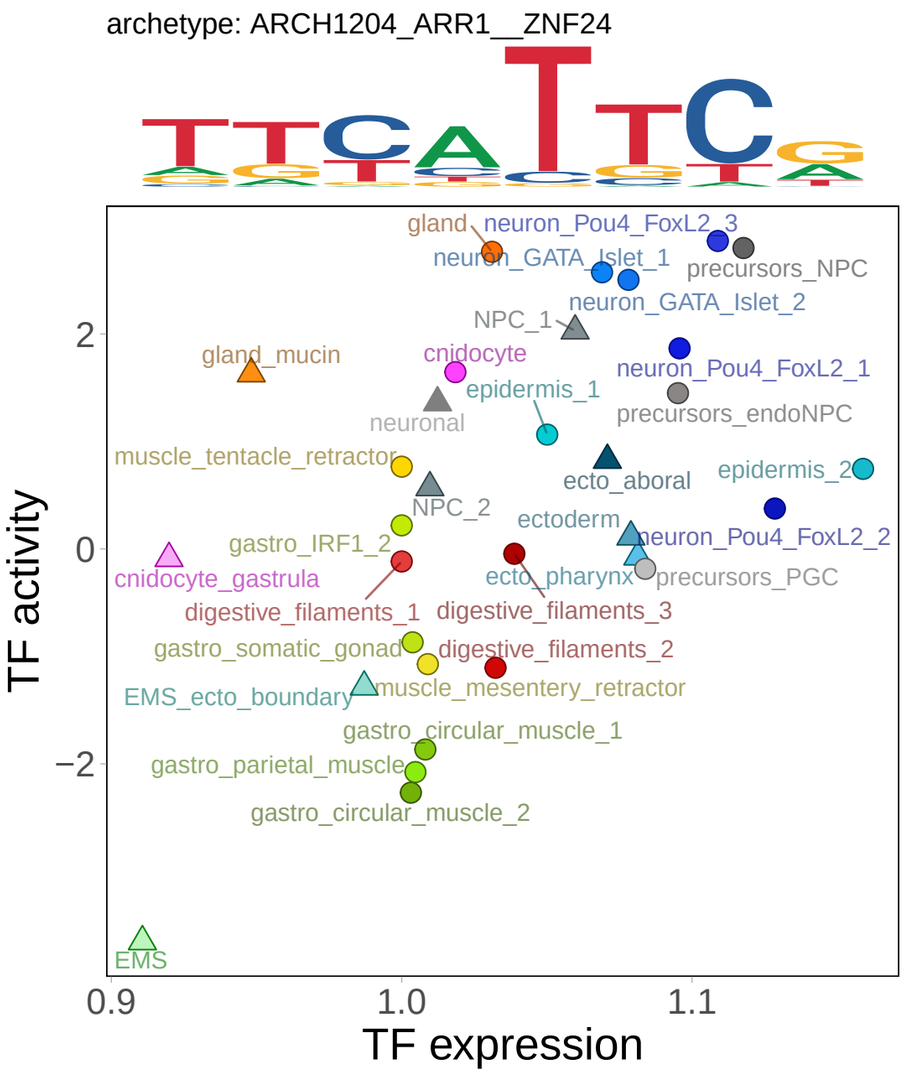


Nvec_vc1.1_XM_032385169.2
OG: Homeodomains.HG1.71:like:NOTO
PFAM: Homeodomain

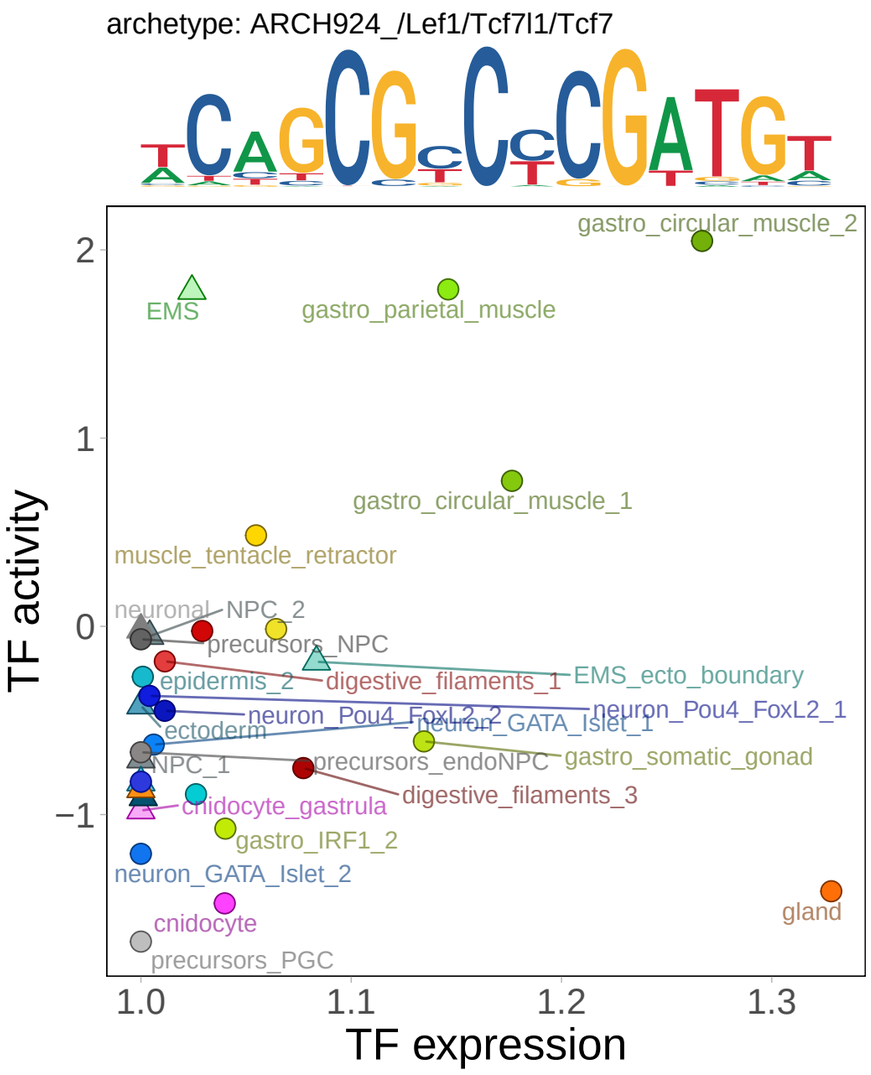


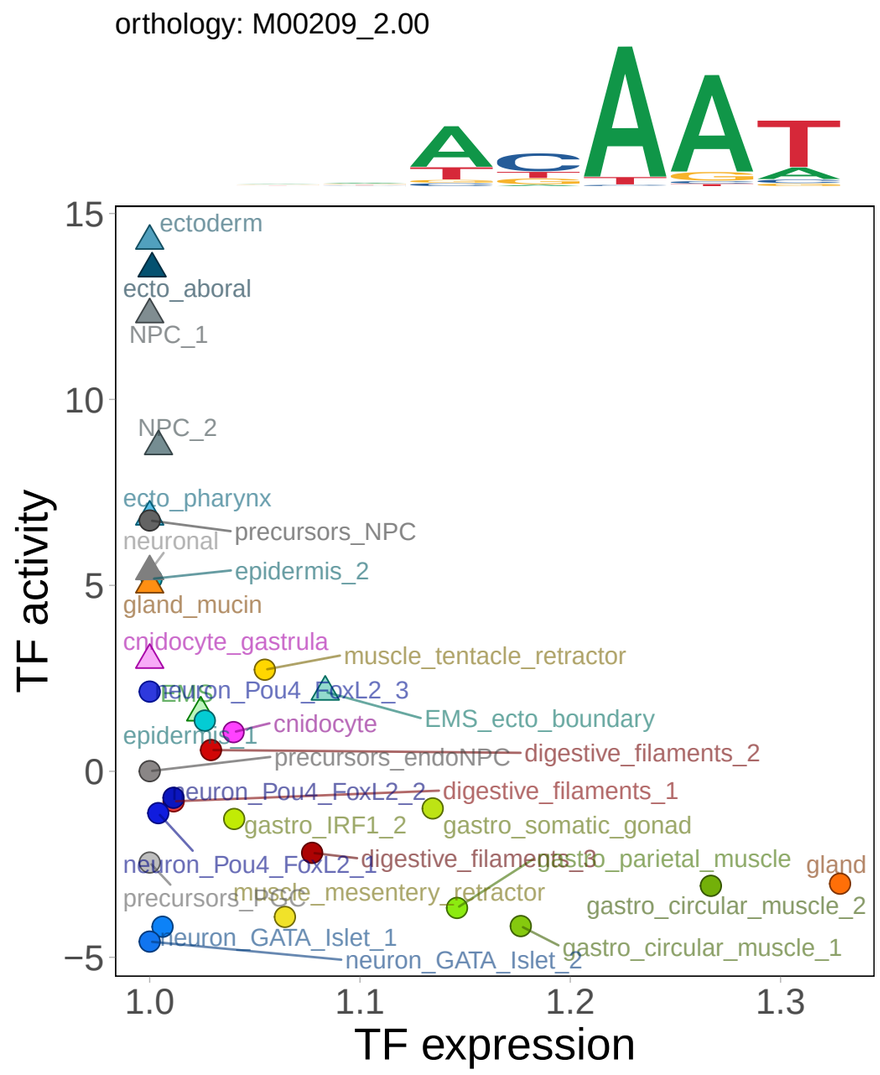


Nvec_vc1.1_XM_032385373.2
OG: zf−C2H2.HG13.5:GLI4/ZFP90/ZNF7/ZNF10/ZNF19/ZNF75A/ZNF75D/ZNF79/ZNF358/ZNF485/ZNF57
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

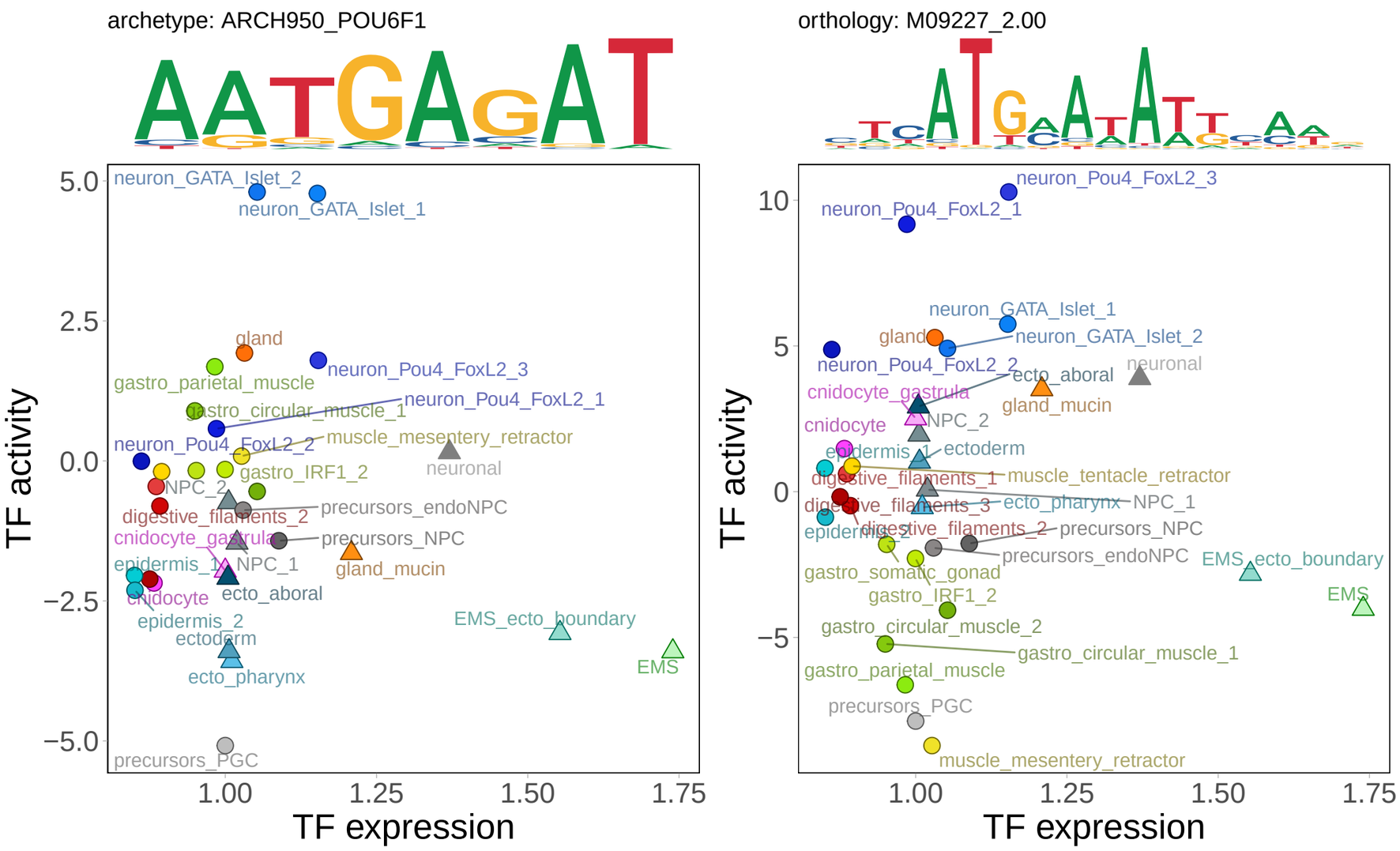


Nvec_vc1.1_XM_032385411.2
OG: HMGbox_Sox.HG1.17:PINX1/SOX7/SOX17/SOX18
PFAM: HMG_box

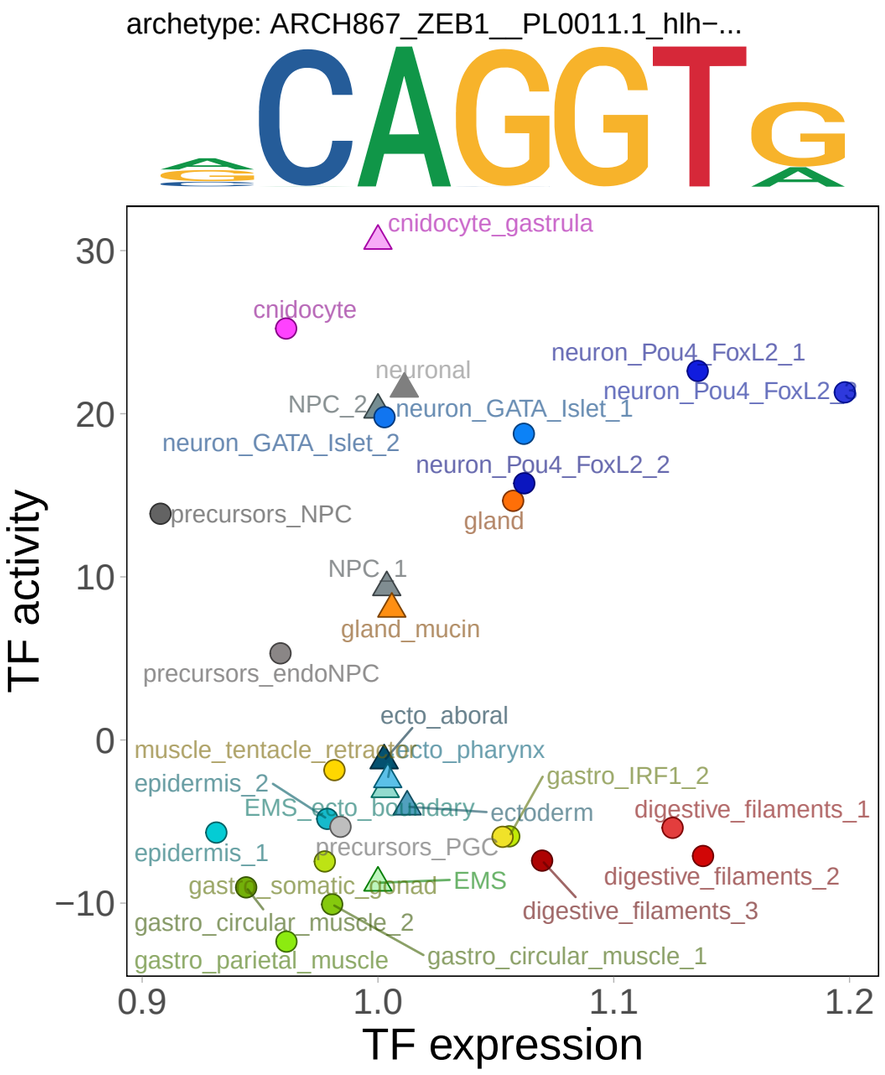


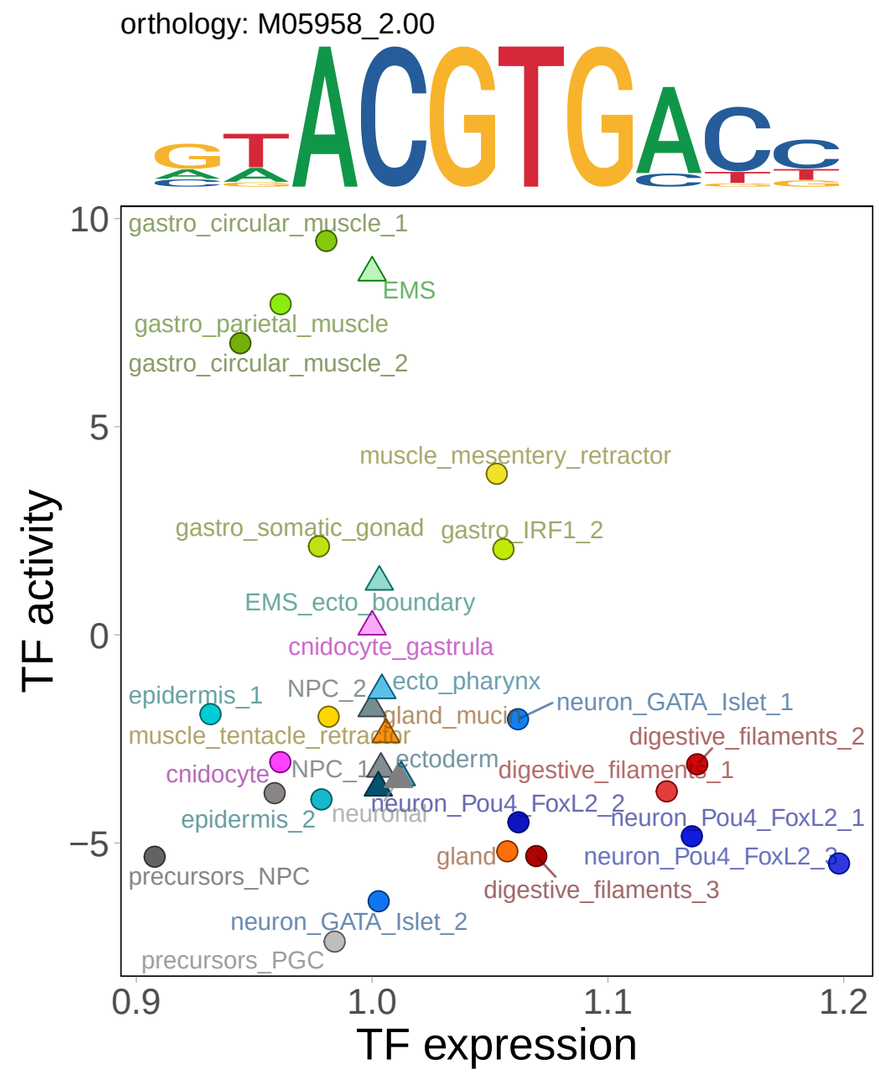


Nvec_vc1.1_XM_032385556.2
OG: Homeodomains.HG4.9:like:POU3F1/POU3F2/POU3F3/POU3F4
PFAM: Pou/Homeodomain

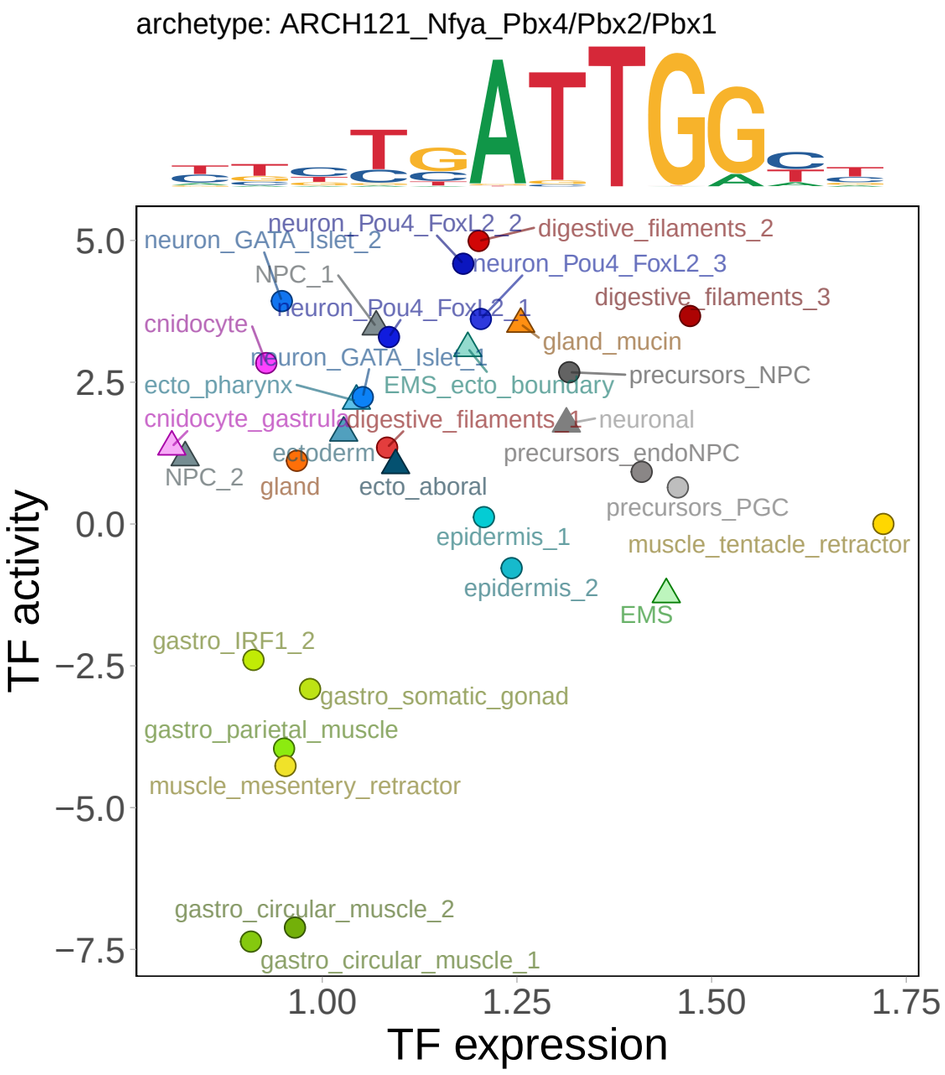


Nvec_vc1.1_XM_032385569.2
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCOA1/NPAS1/NPAS2/S
PFAM: HLH/PAS/PAS_11

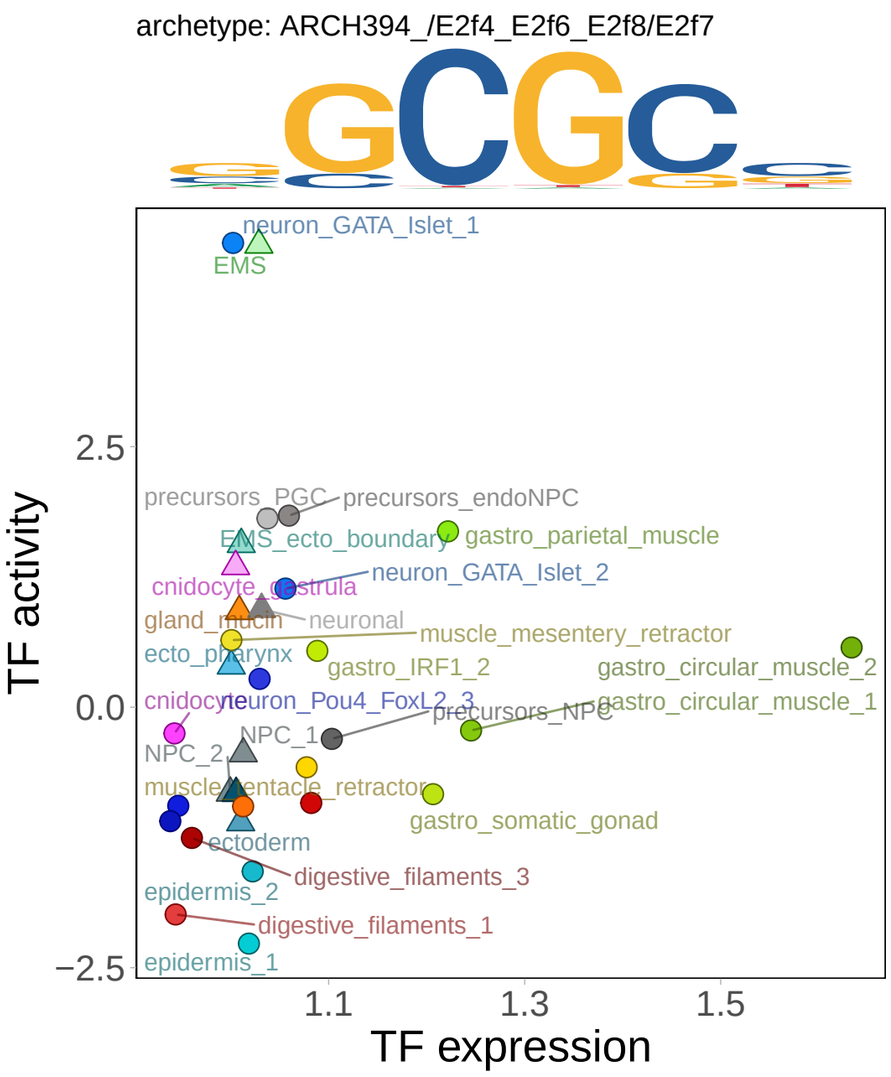


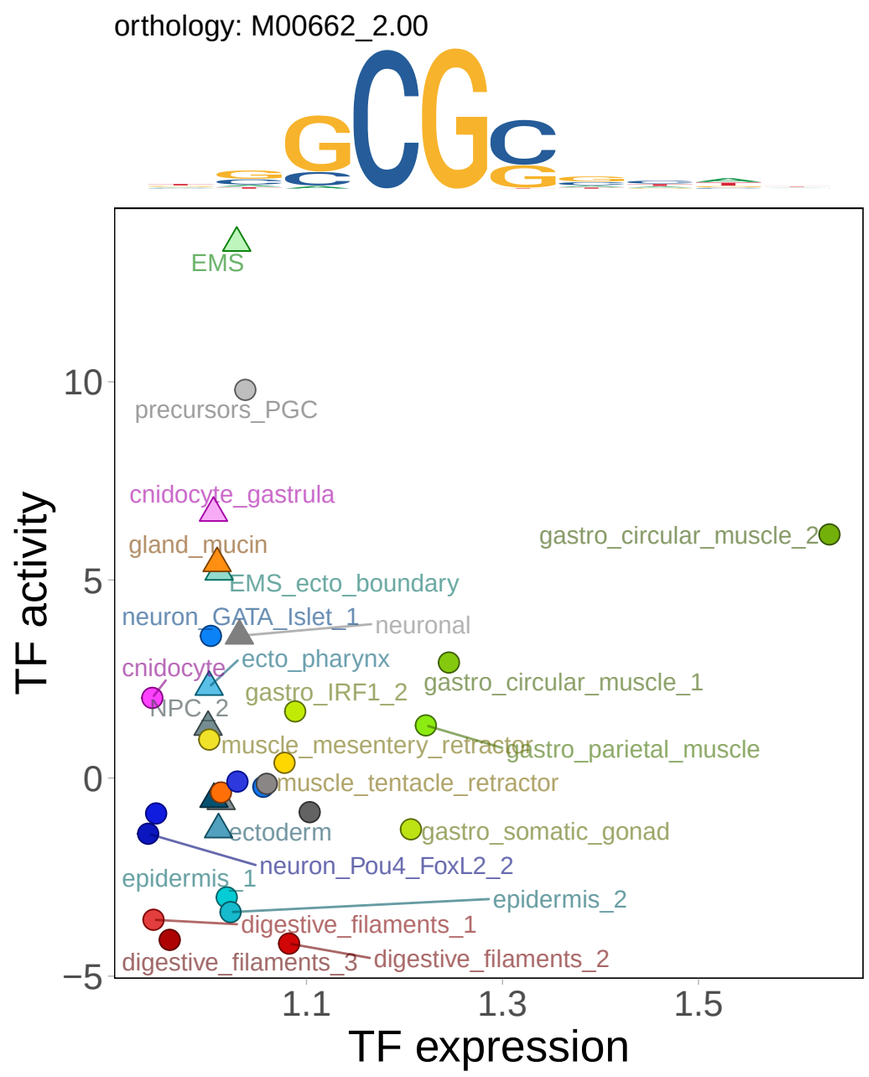


Nvec_vc1.1_XM_032385577.2
OG: Homeodomains.HG3.2:CERS2/CERS3/CERS4/CERS5/CERS6
PFAM: Homeodomain/TRAM_LAG1_CLN8

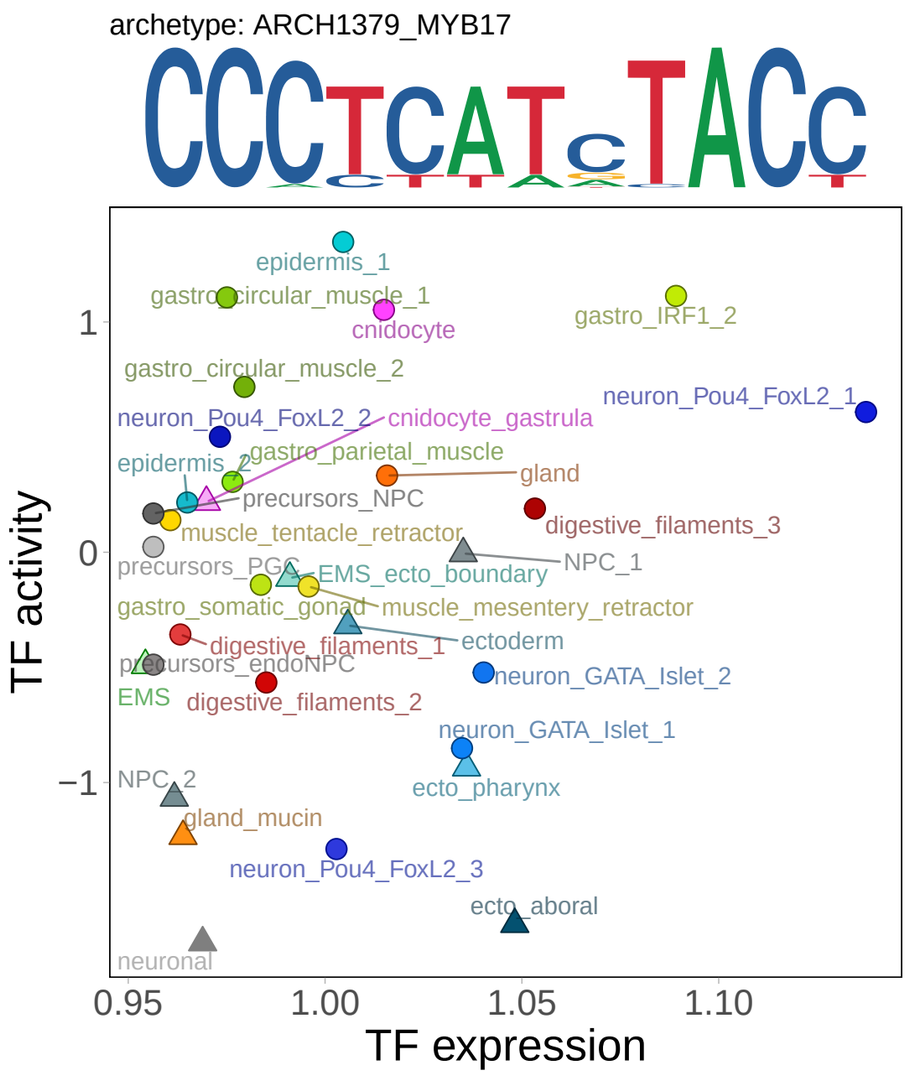


Nvec_vc1.1_XM_032385715.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB

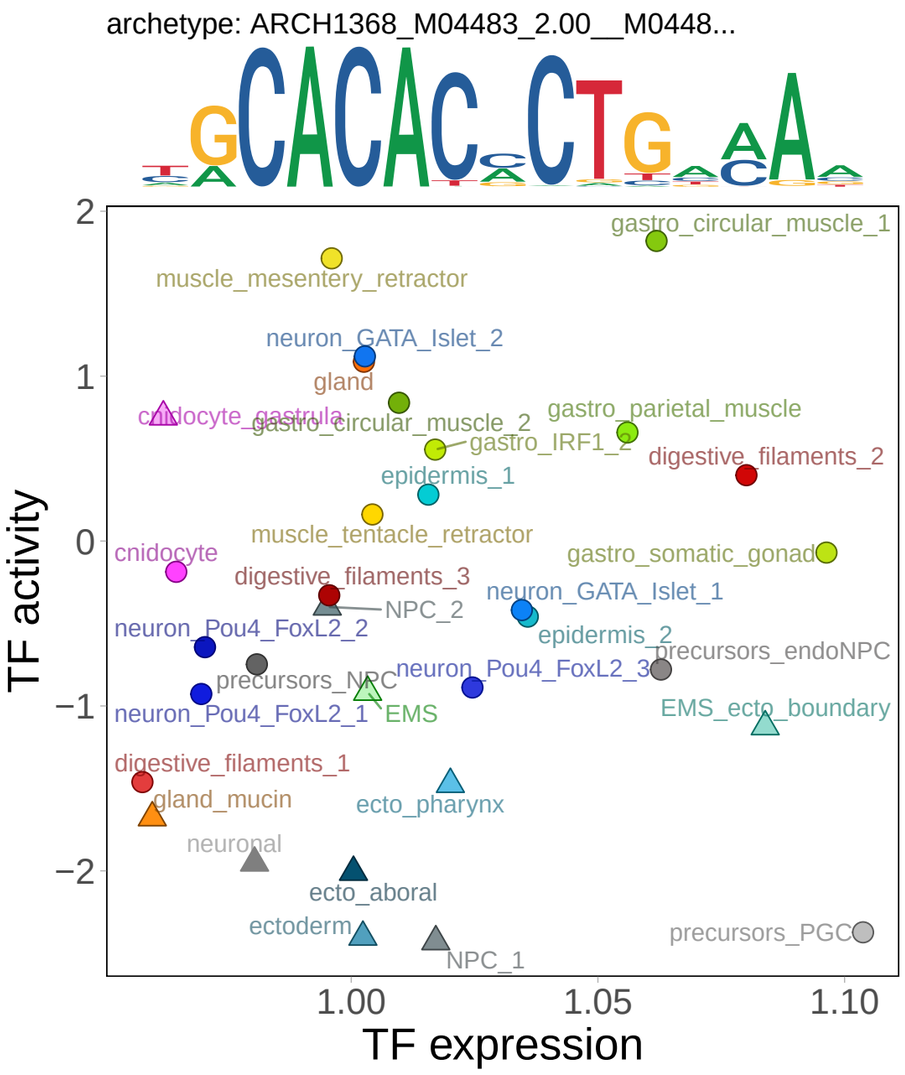




Nvec_vc1.1_XM_032385746.2
OG: Myb.HG1.2:DMTF1/TTF1
PFAM: Myb_DNA−binding/Myb_DNA−binding

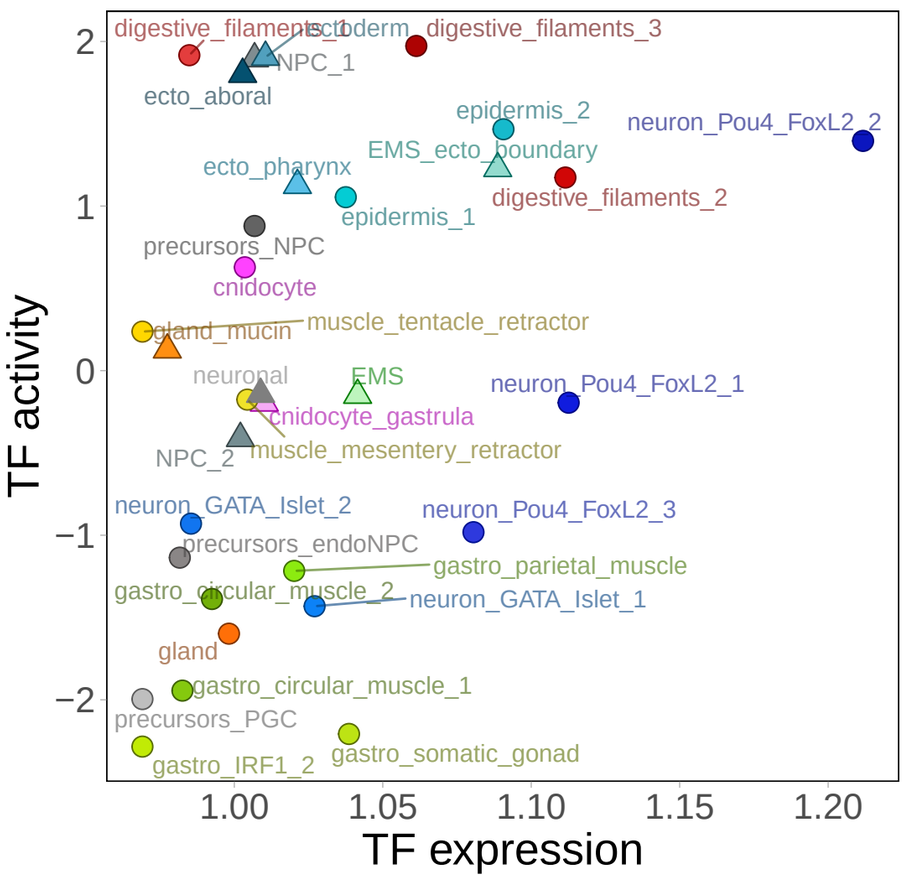


Nvec_vc1.1_XM_032385905.2
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2

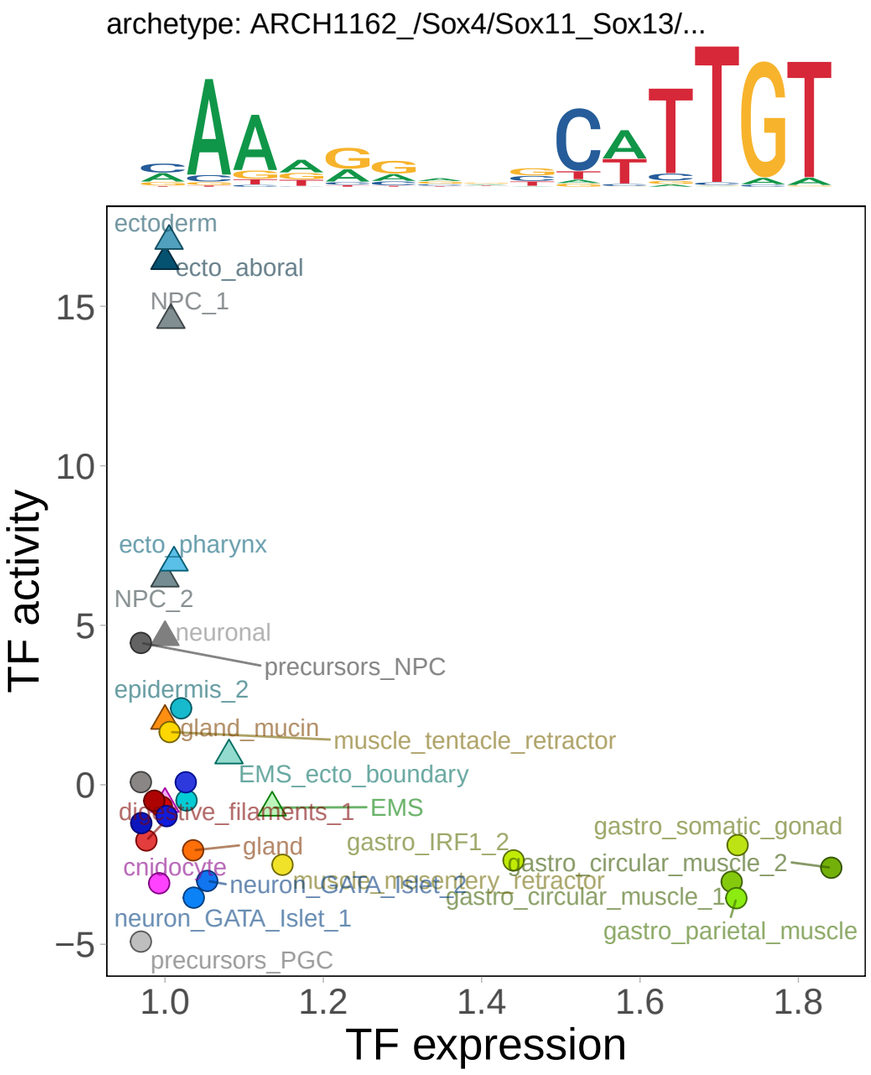


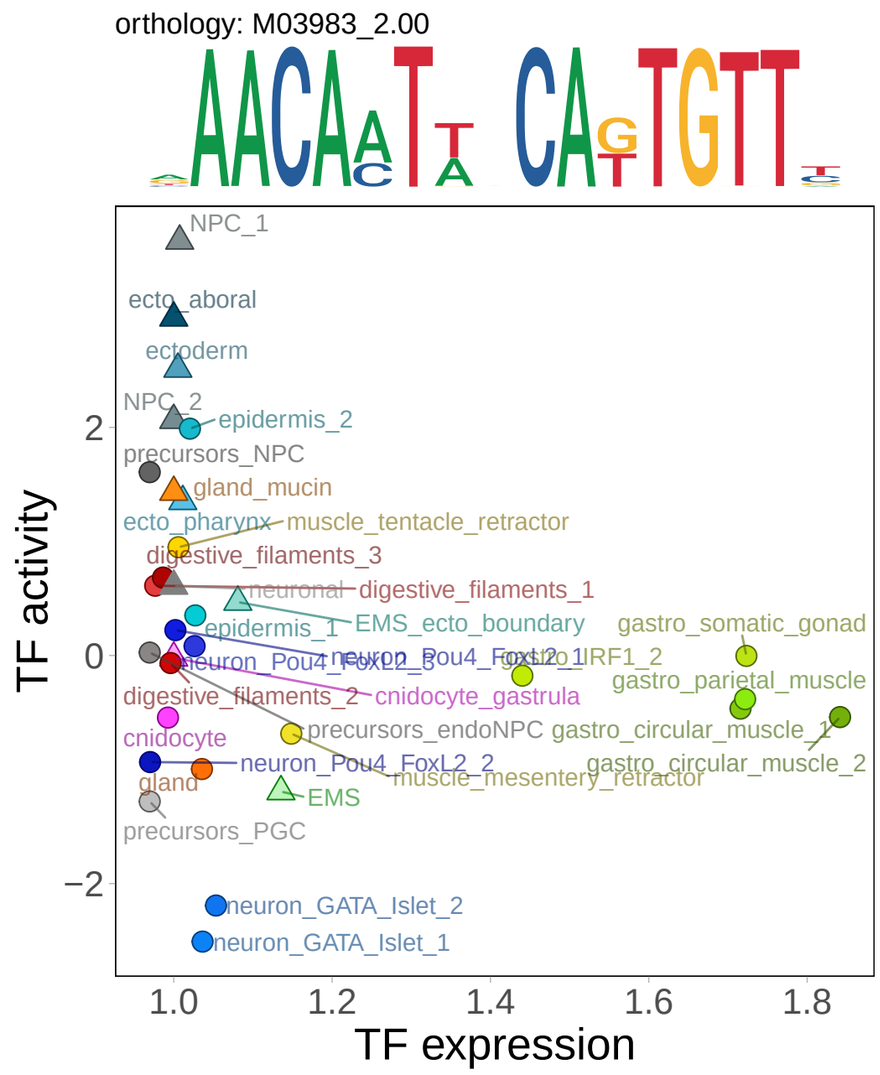
Nvec_vc1.1_XM_032385963.2
OG: zf−C2H2.HG8.0:ZNF576/ZNF683/ZNF891
PFAM: zf−C2H2/zf−C2H2

archetype: ARCH1345_Gfi1b/Gfi1

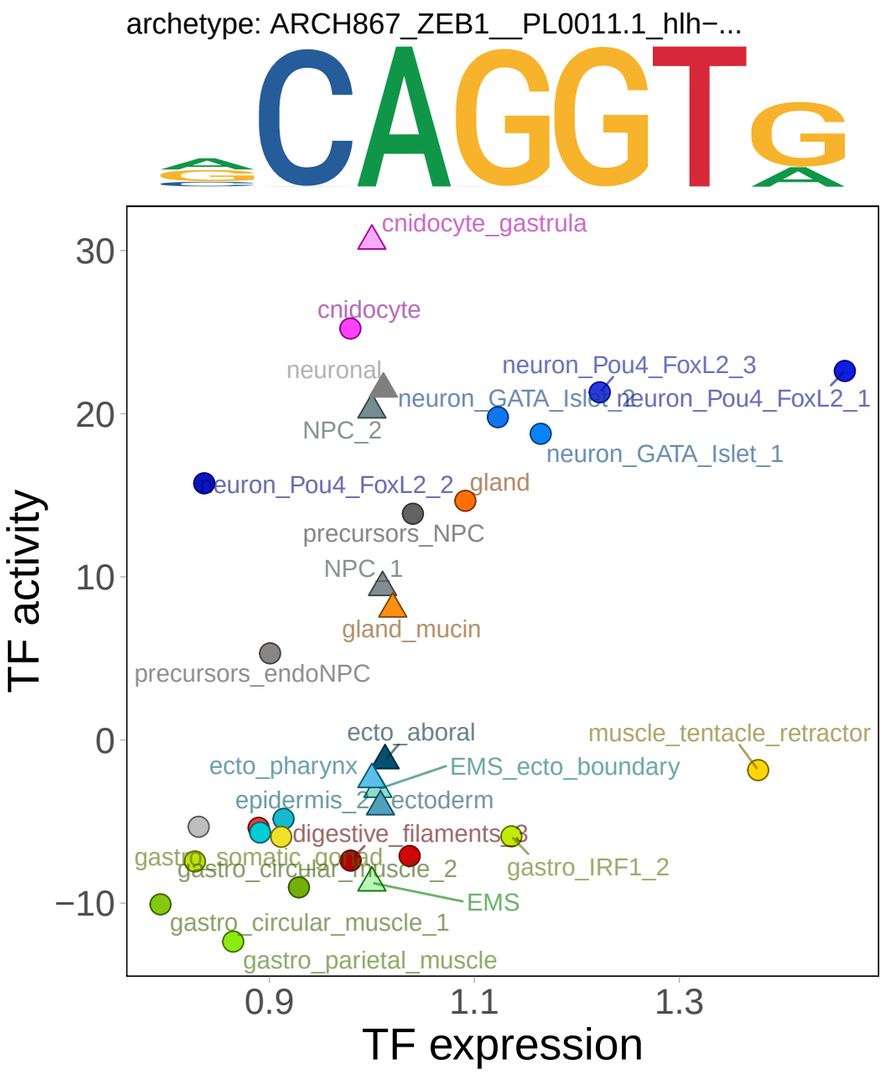


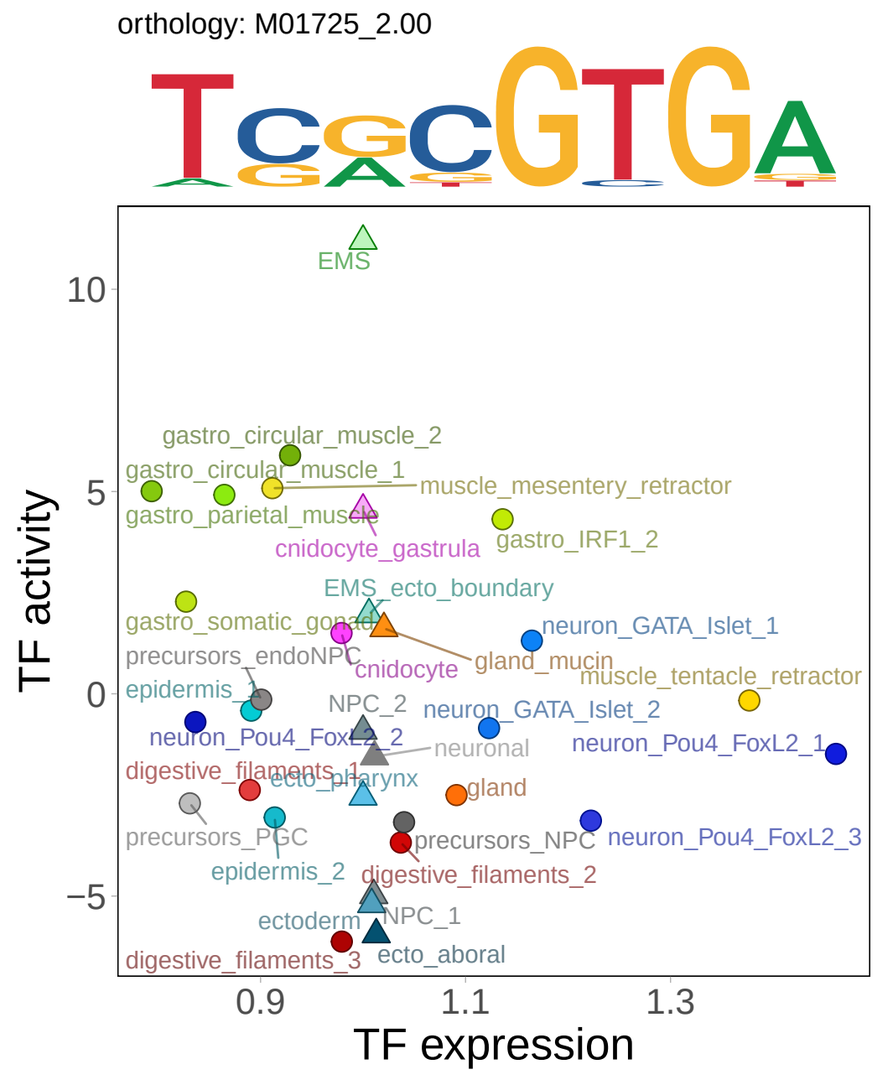
Nvec_vc1.1_XM_032386296.2
OG: HMGbox_Sox.HG1.18:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY
PFAM: HMG_box





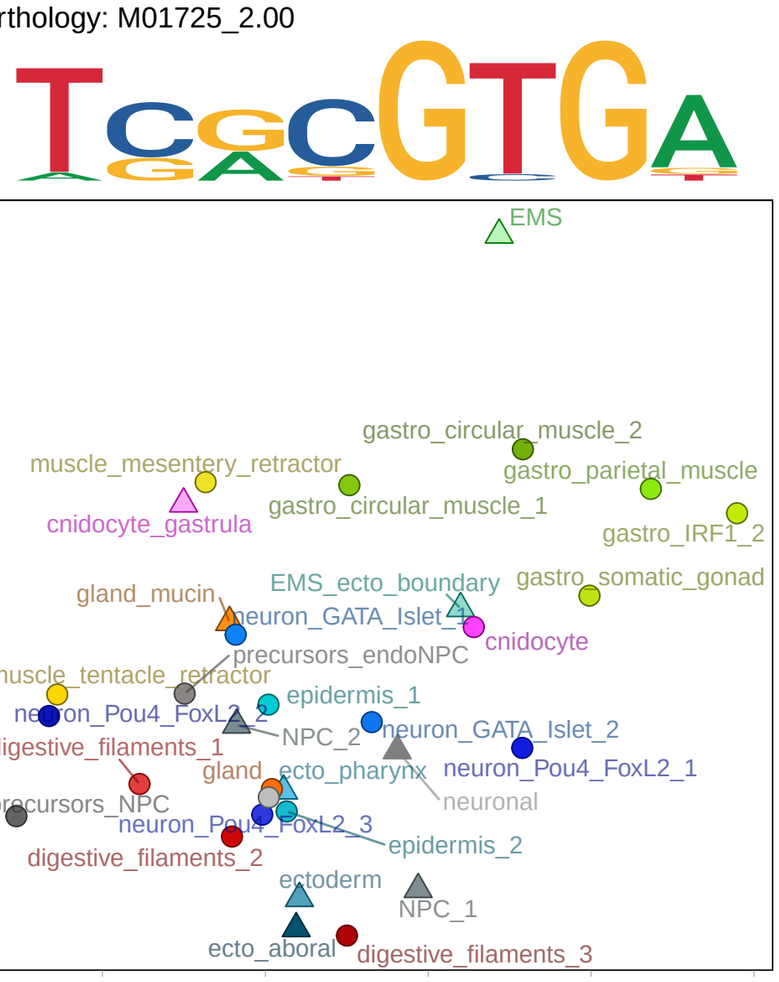
Nvec_vc1.1_XM_032386356.2
OG: HLH.HG1.25:SREBF1/SREBF2
PFAM: HLH



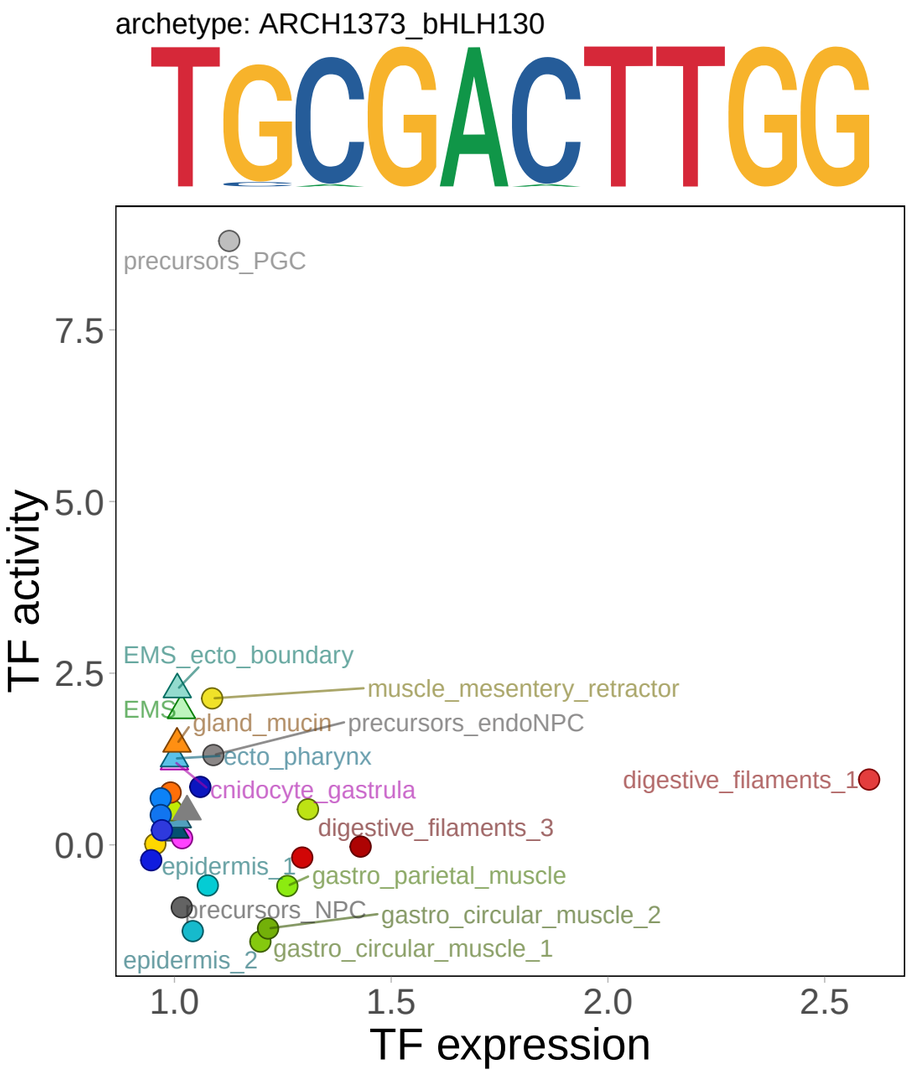


Nvec_vc1.1_XM_032386357.2
OG: HLH.HG1.25:SREBF1/SREBF2
PFAM: HLH

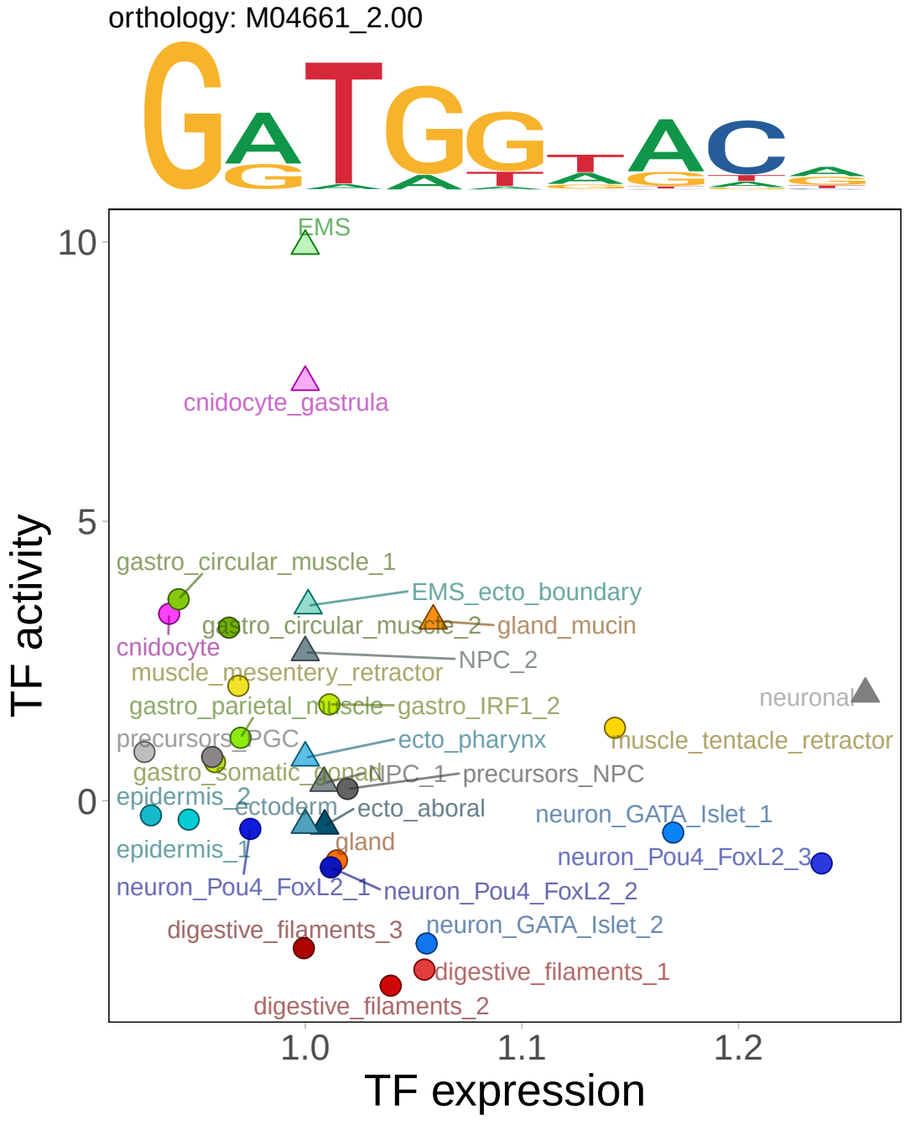
orthology: M01725_2.00



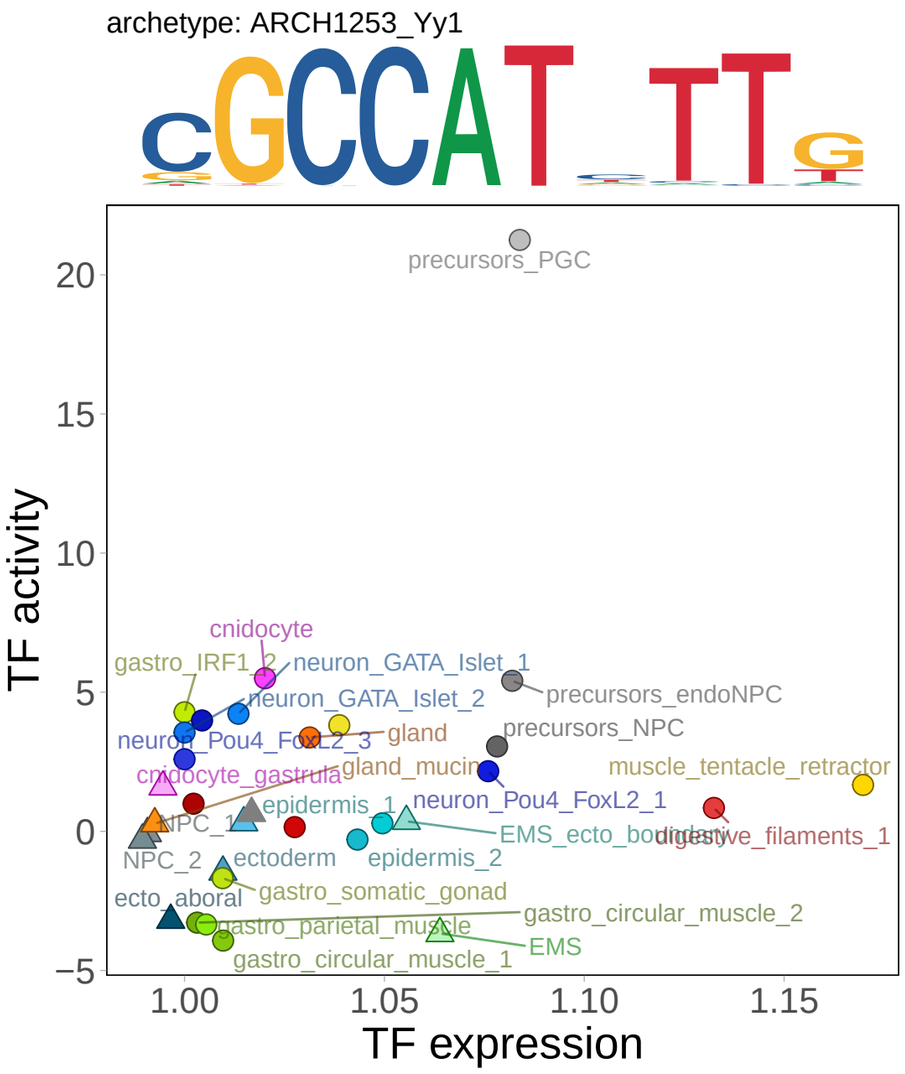
Nvec_vc1.1_XM_032386464.2
OG: HLH.HG1.51:ID1/ID2/ID3/ID4
PFAM: HLH



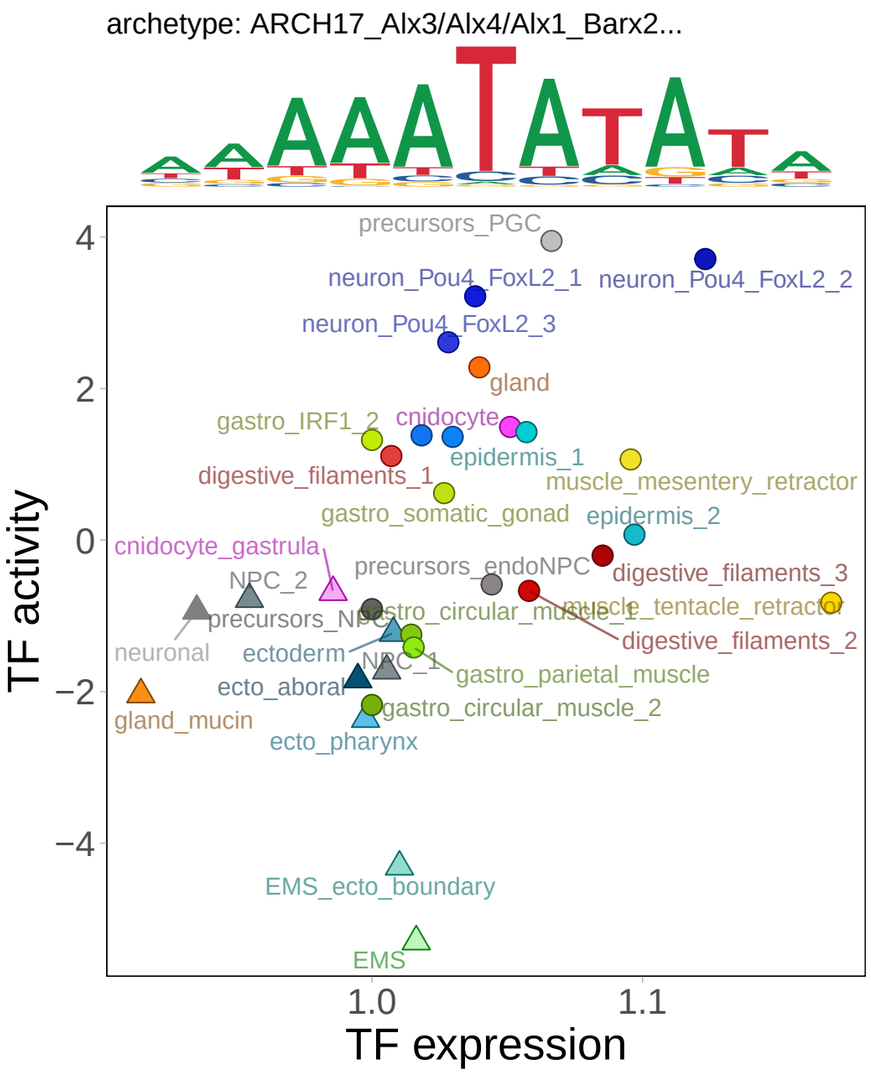
orthology: M04661_2.00

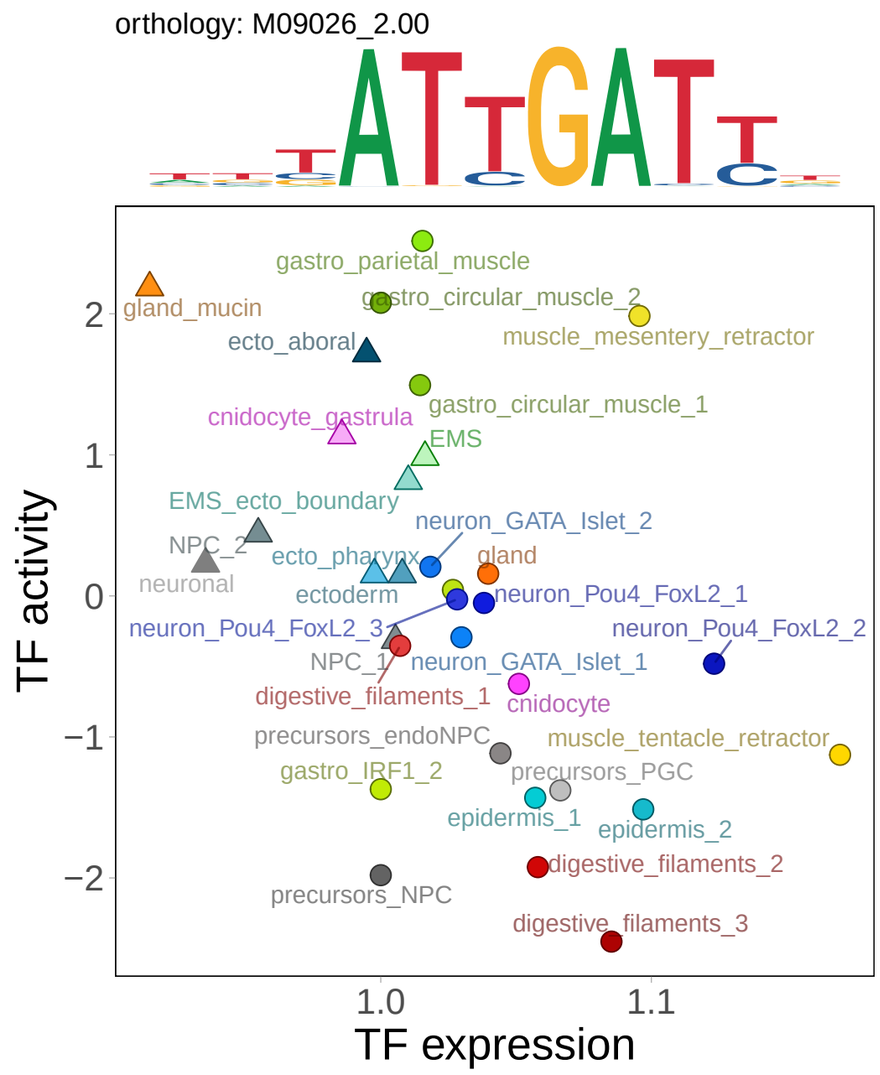


Nvec_vc1.1_XM_032386968.2
OG: zf−C2H2.HG1.116:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2_4

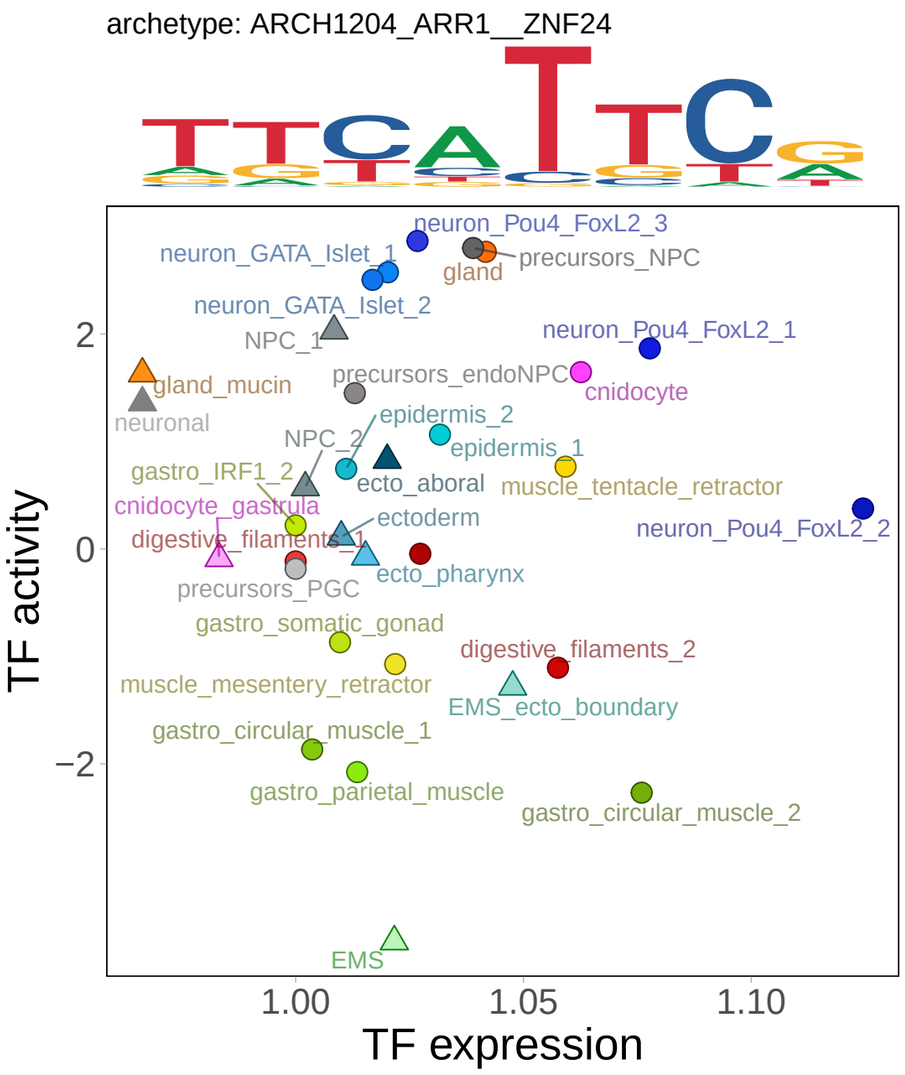


Nvec_vc1.1_XM_032386992.2
OG: Homeodomains.HG3.13:ONECUT1/ONECUT2/ONECUT3
PFAM: CUT/Homeodomain

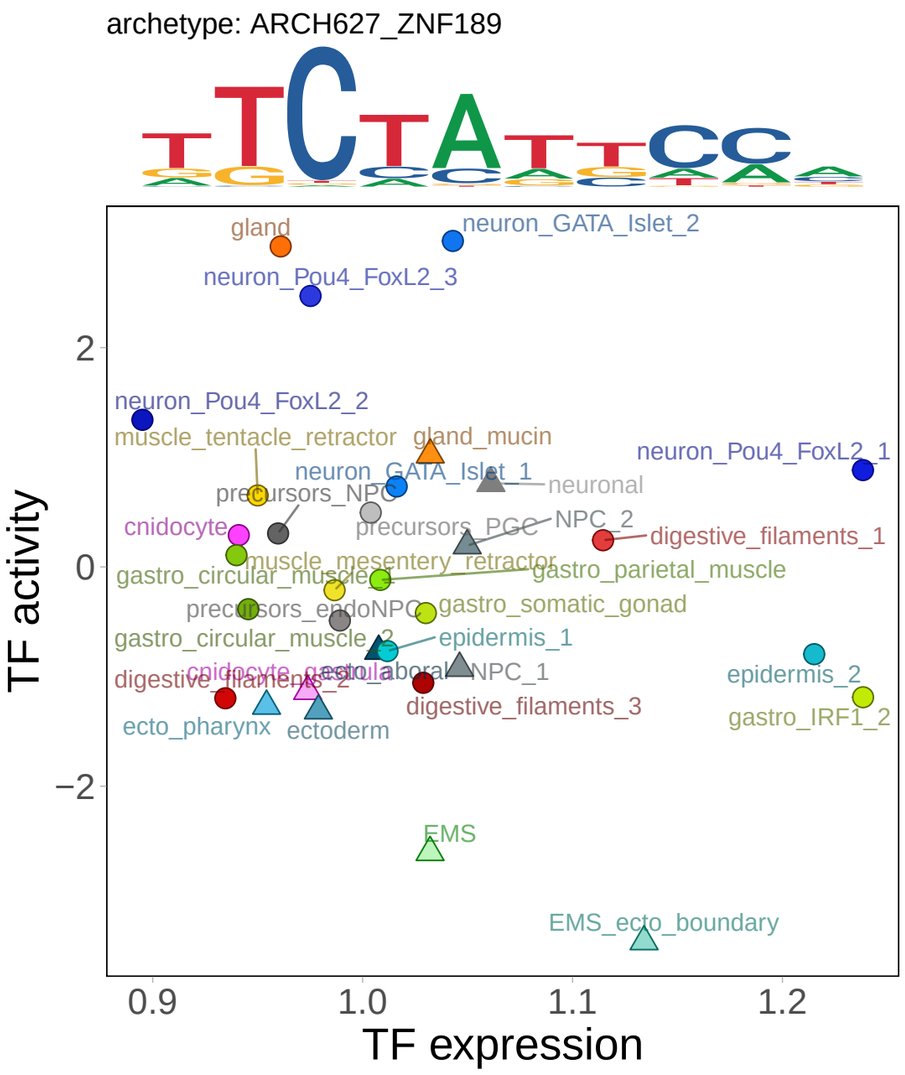




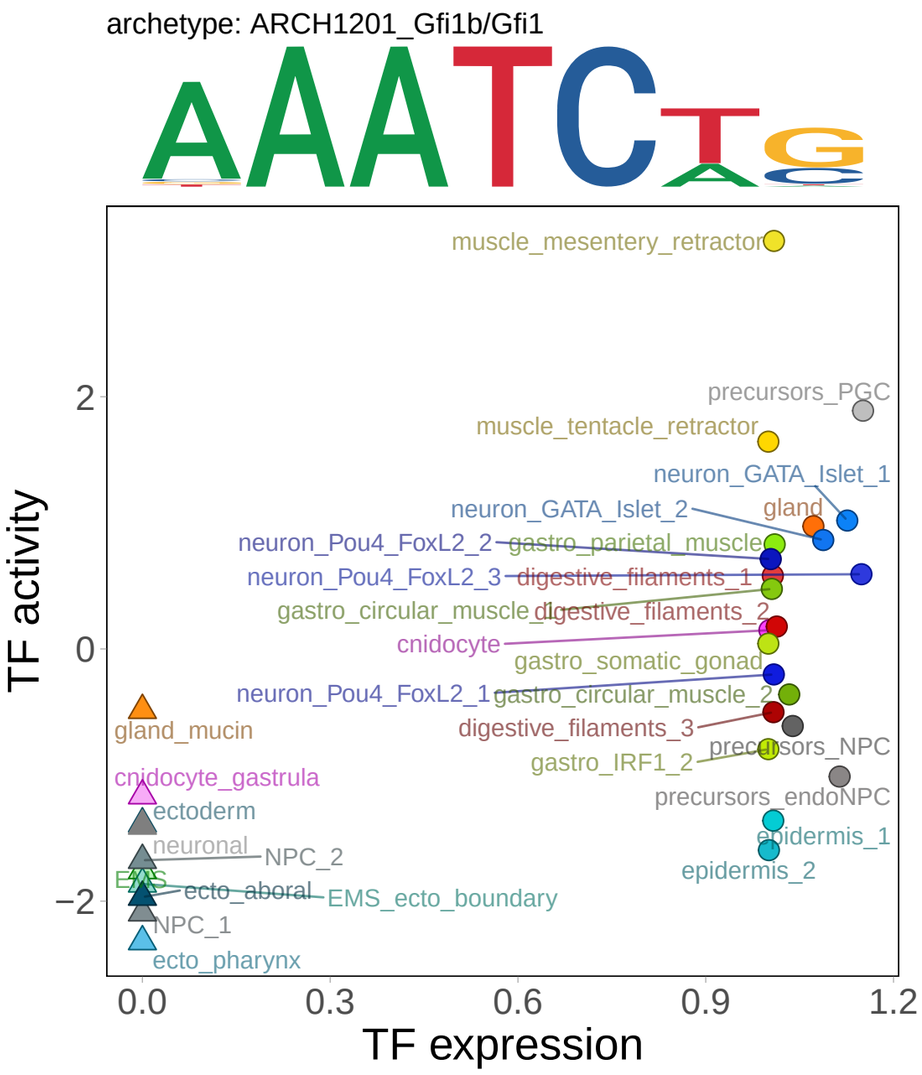
Nvec_vc1.1_XM_032387080.2
OG: zf−C2H2.HG1.192:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2_6/zf−met/



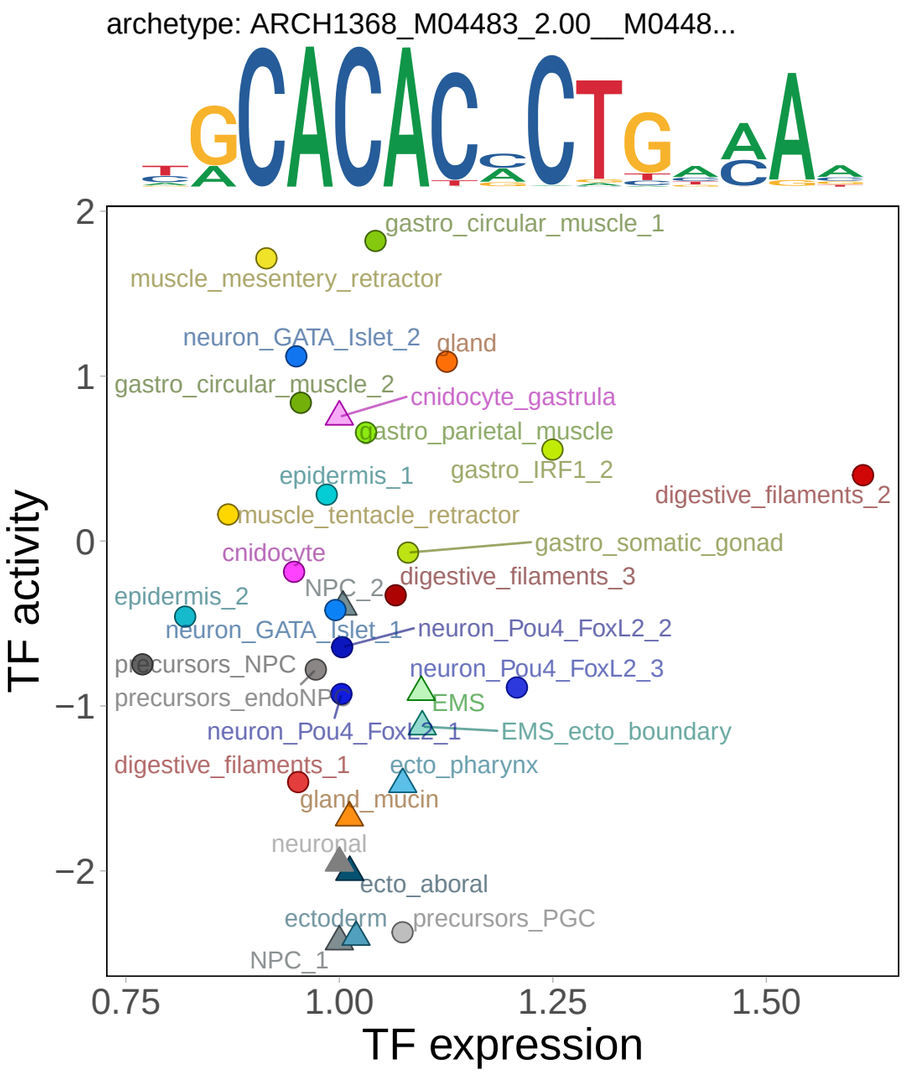
Nvec_vc1.1_XM_032387218.2
OG: zf−C2H2.HG57.1:like:ZBTB48
PFAM: zf−C2H2_6/zf−C2H2_6/zf−met/zf−C2H2/zf−C2H2



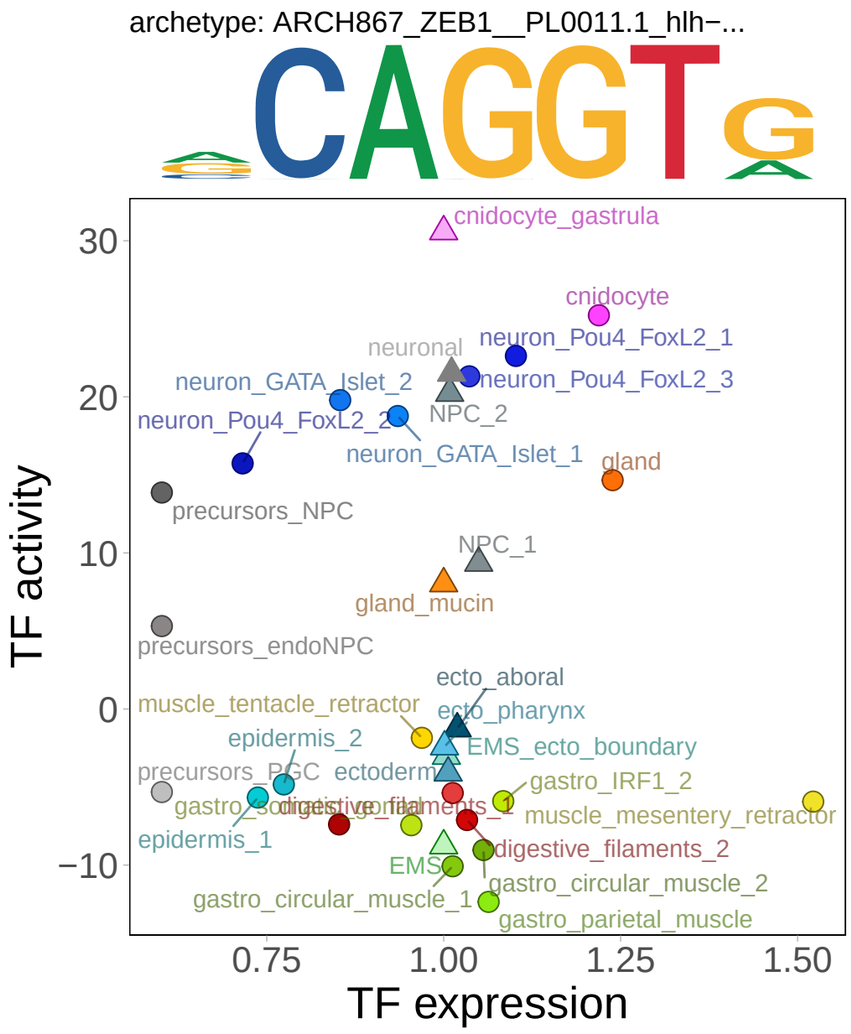
Nvec_vc1.1_XM_032387281.2
OG: zf−C2H2.HG15.1:OVOL1/OVOL2/OVOL3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2

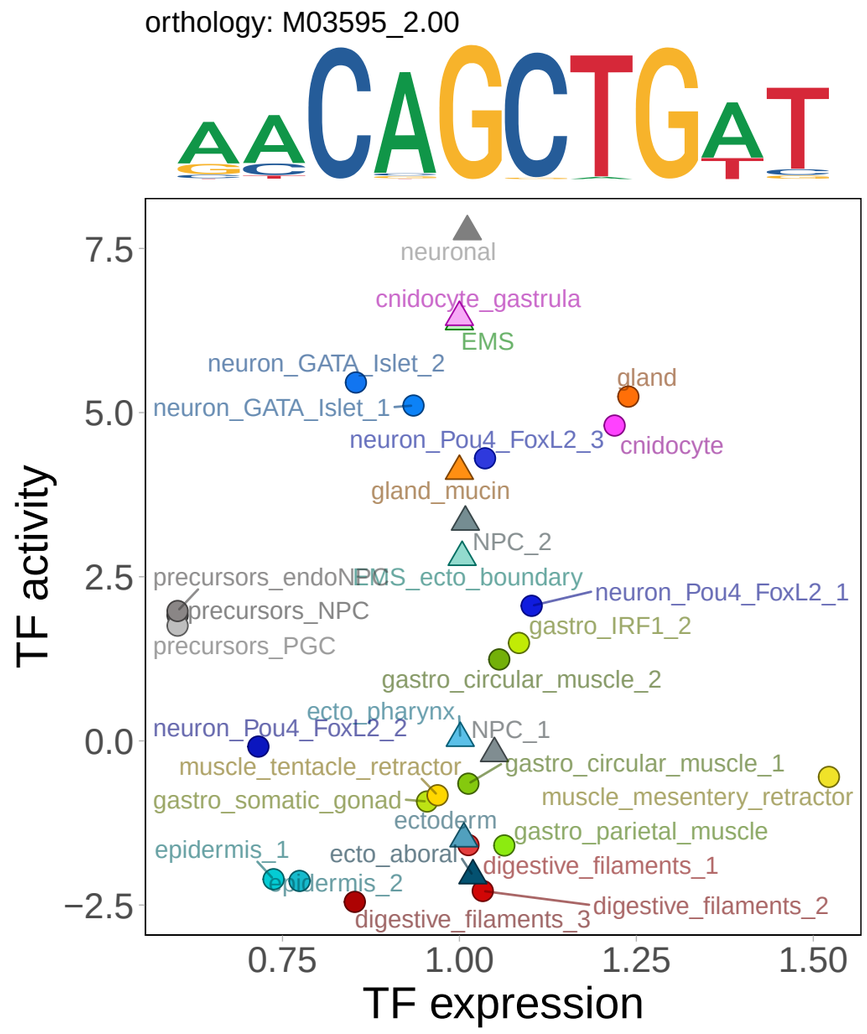


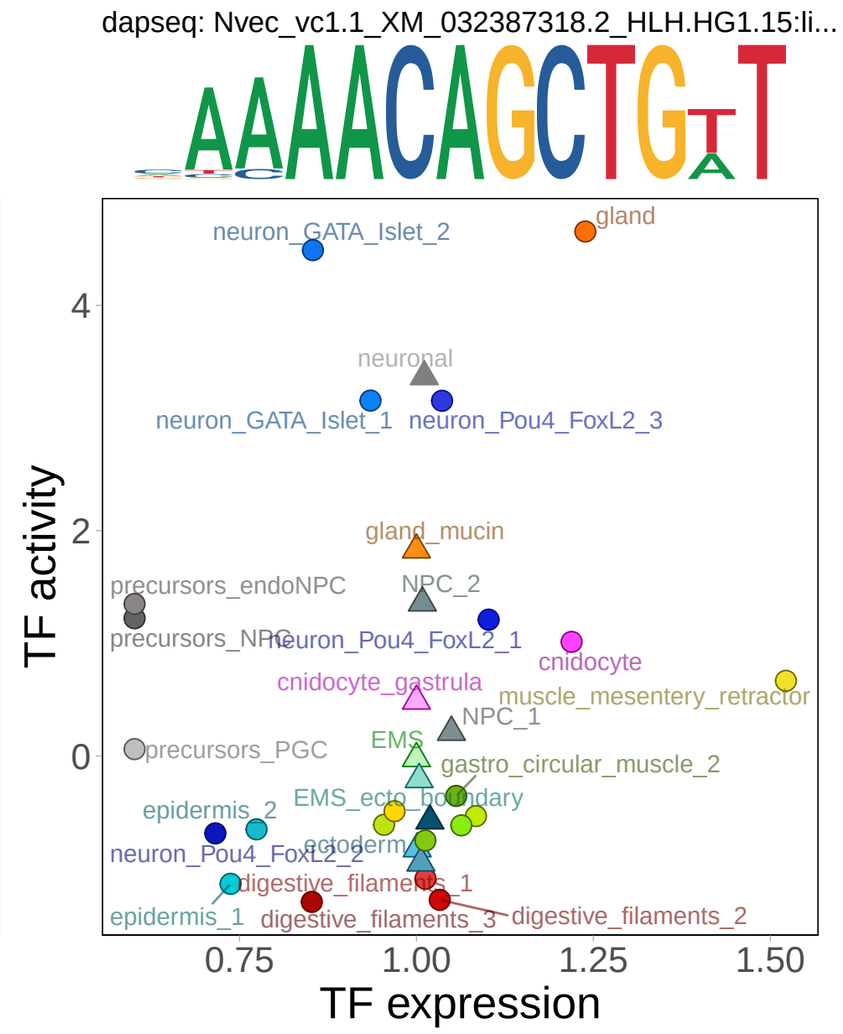
Nvec_vc1.1_XM_032387283.2
OG: zf−C2H2.HG15.1:OVOL1/OVOL2/OVOL3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

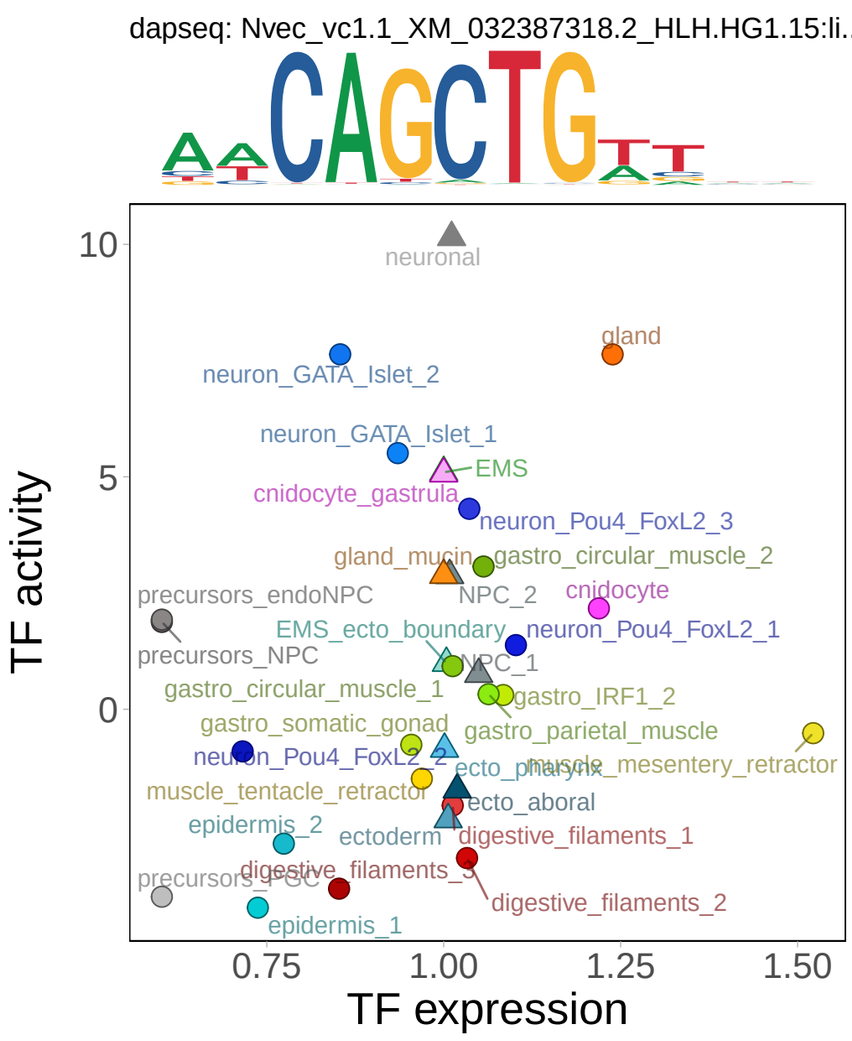


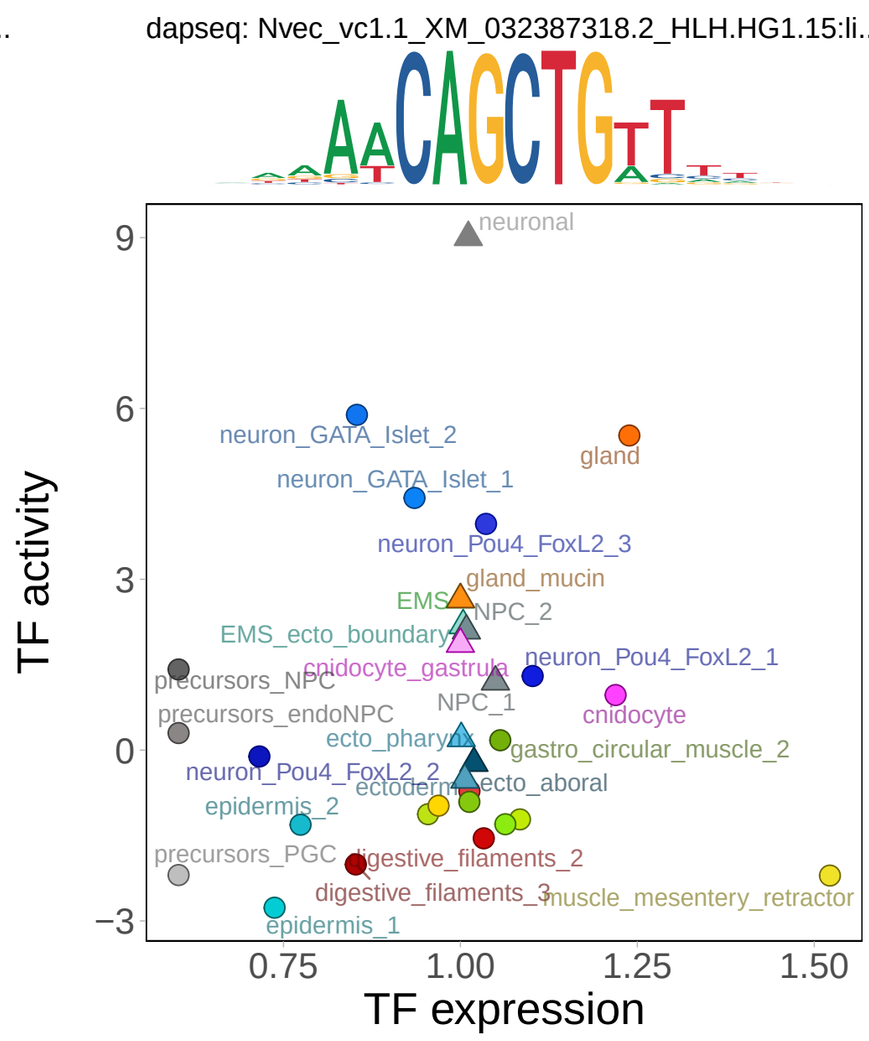
Nvec_vc1.1_XM_032387318.2
OG: HLH.HG1.15:like:TFAP4
PFAM: HLH



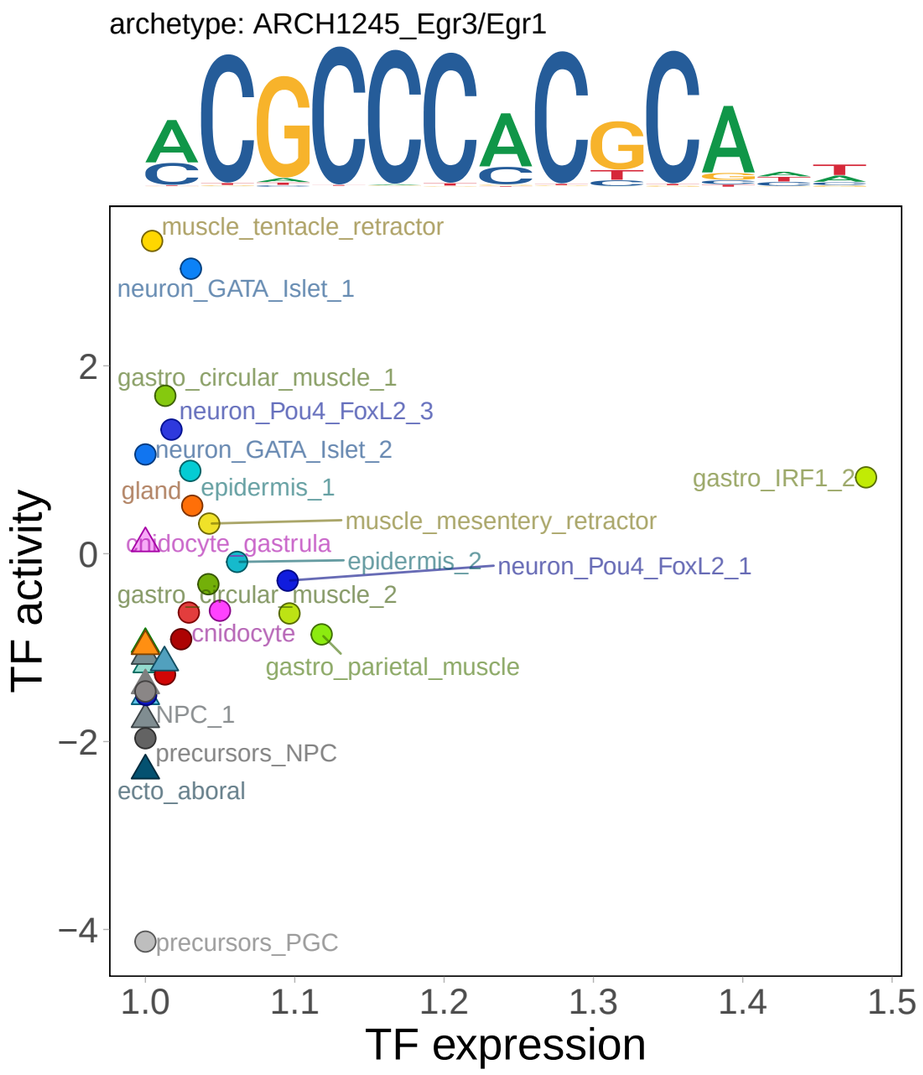




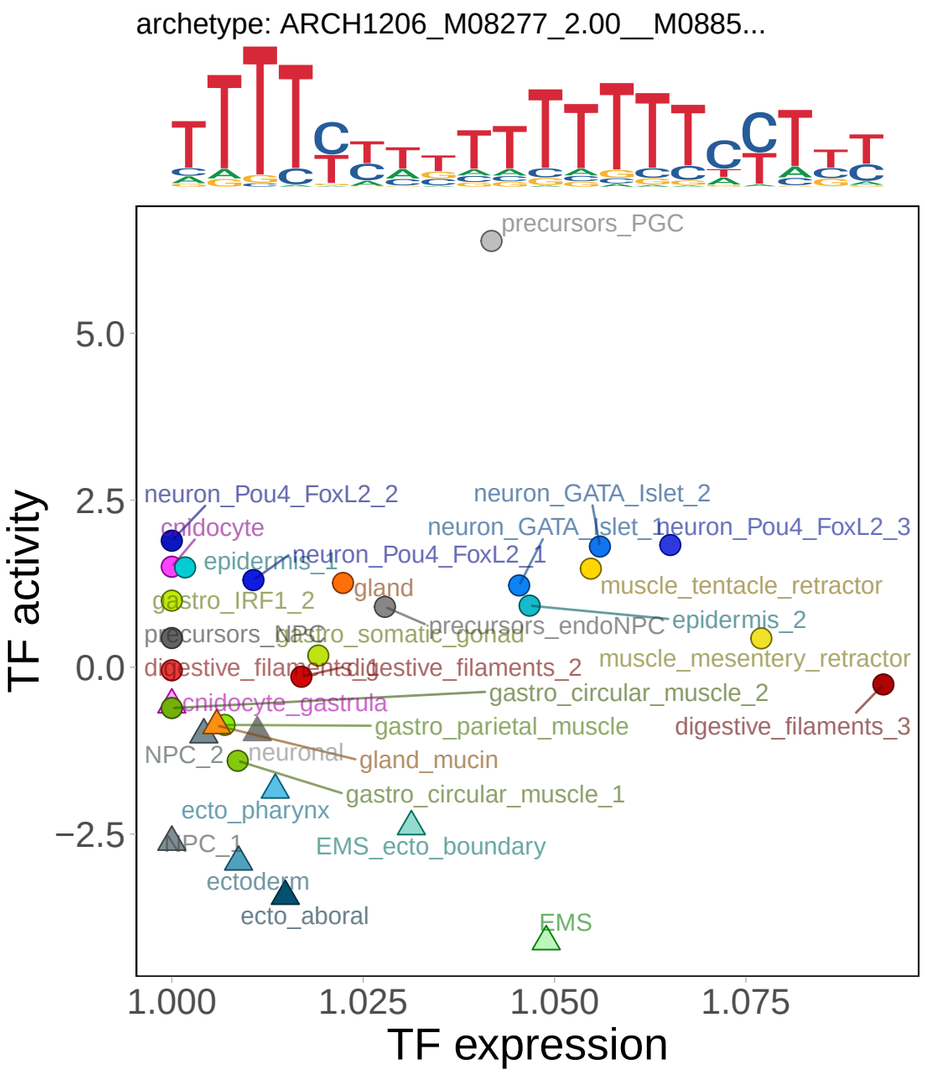




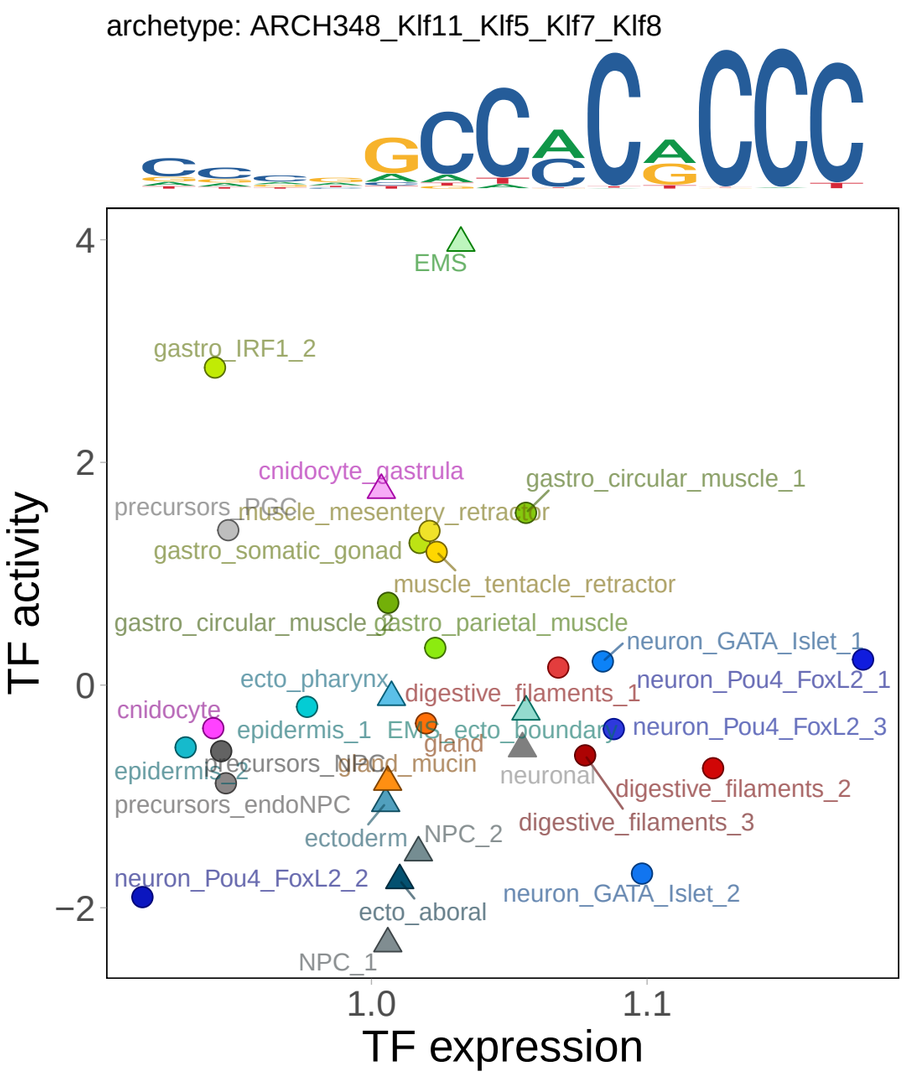
Nvec_vc1.1_XM_048719424.1
OG: zf−C2H2.HG1.36:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2



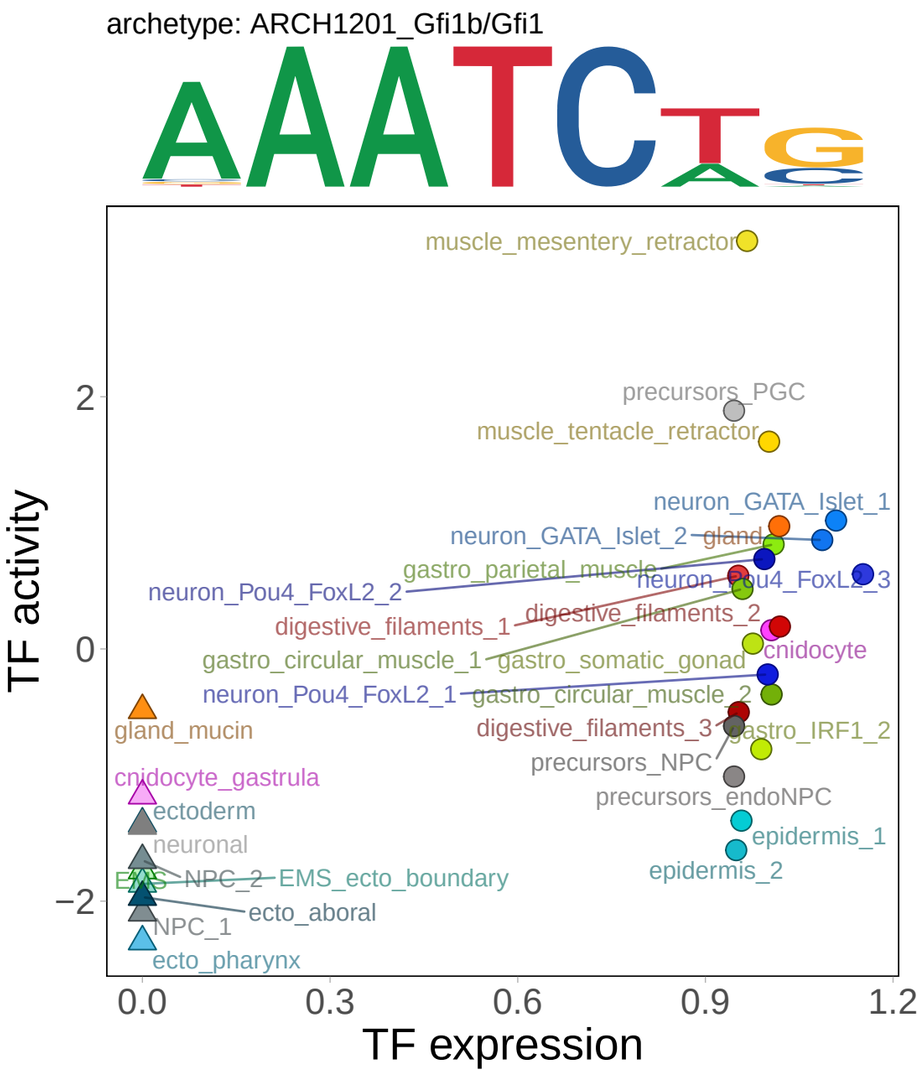
Nvec_vc1.1_XM_048719441.1
OG: zf−C2H2.HG24.0:ZNF599/ZSCAN25
PFAM: zf−C2H2/zf−C2H2_3rep/zf−C2H2



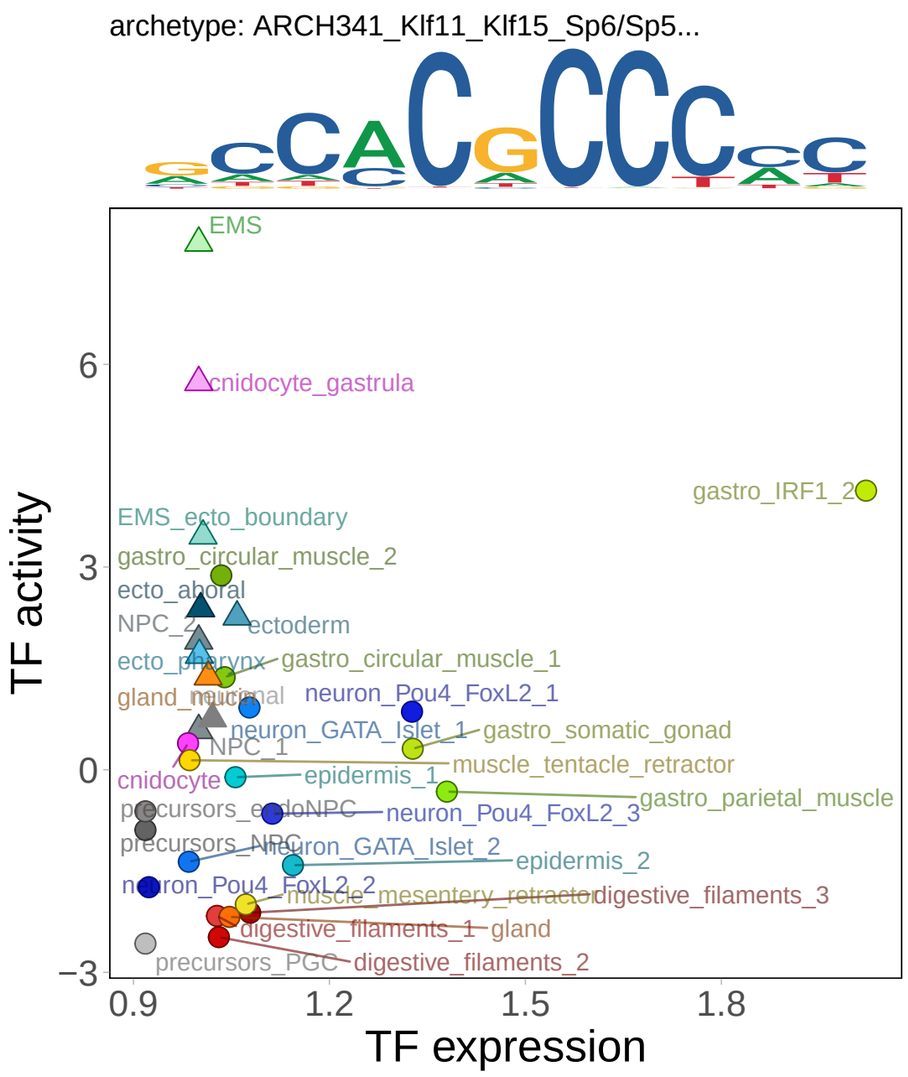
Nvec_vc1.1_XM_048719714.1
OG: zf−C2H2.HG116.1:NA
PFAM: zf−C2H2/zf−C2H2



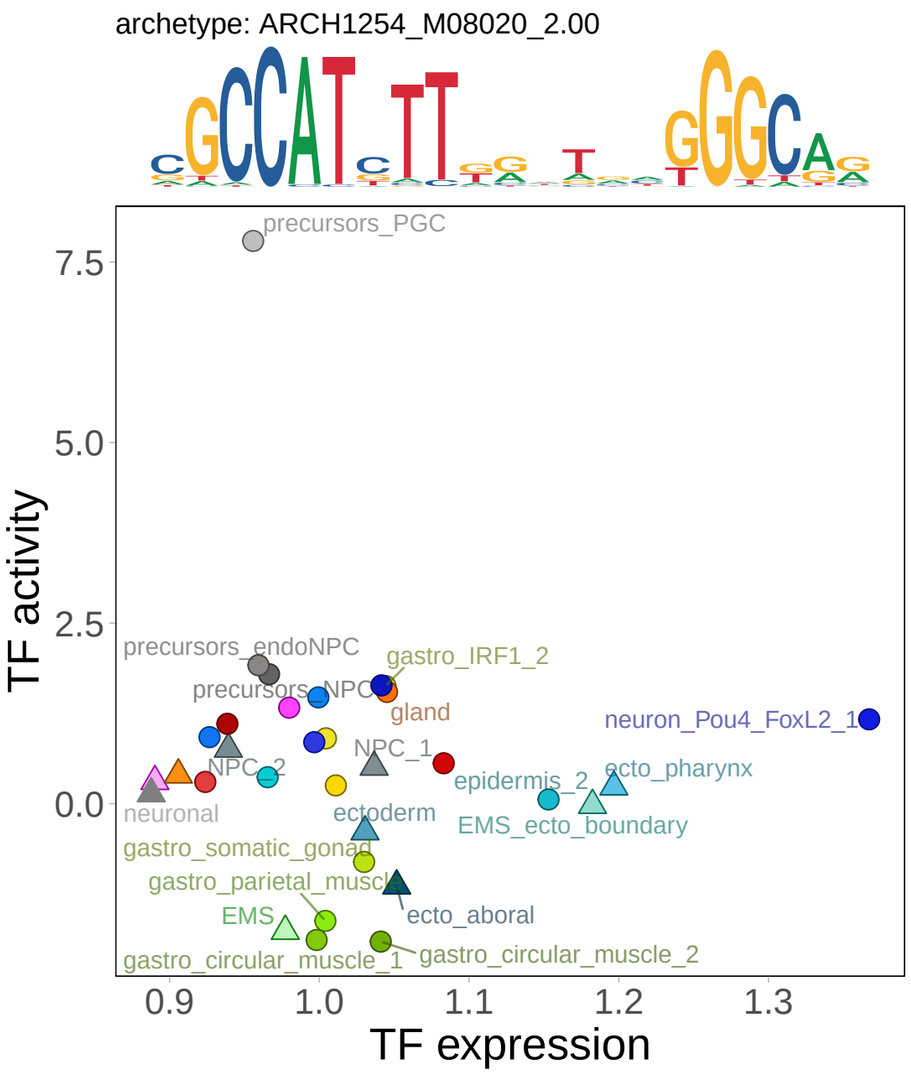
Nvec_vc1.1_XM_048720215.1
OG: zf−C2H2.HG116.0:NA
PFAM: zf−C2H2/zf−C2H2



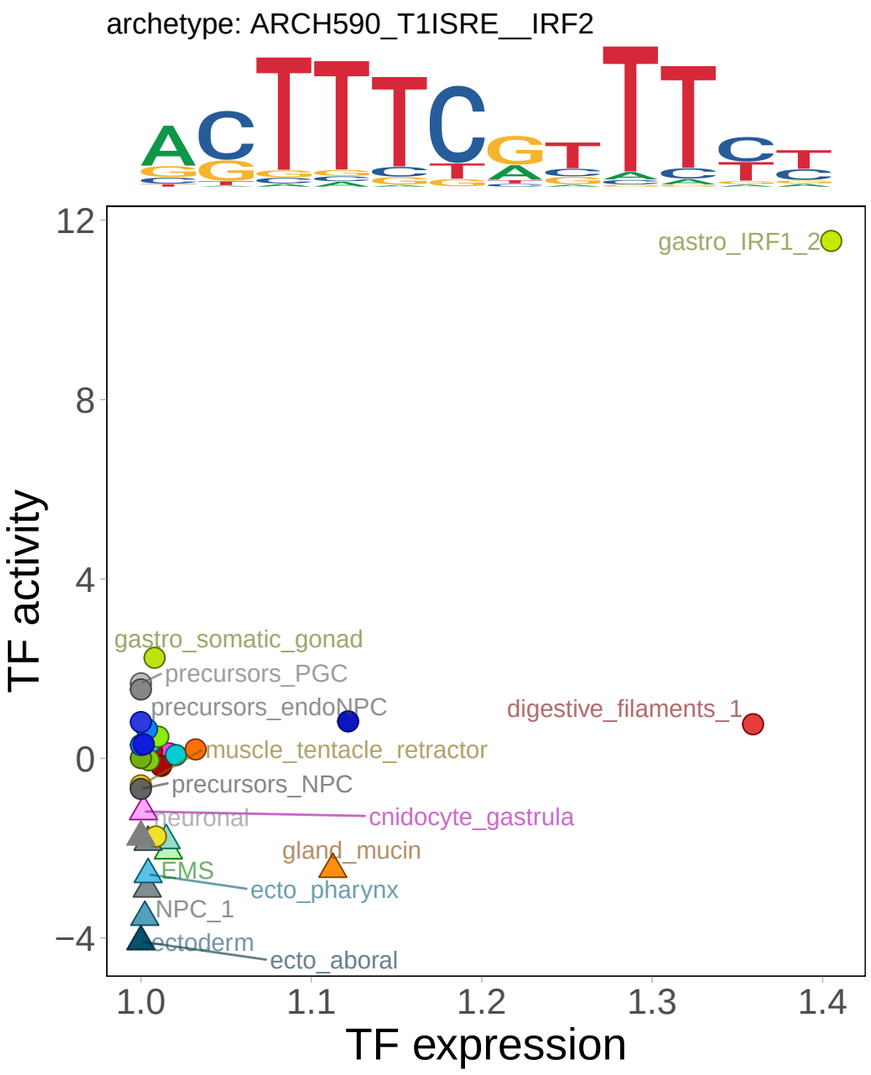
Nvec_vc1.1_XM_048720219.1
OG: zf−C2H2.HG1.36:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2

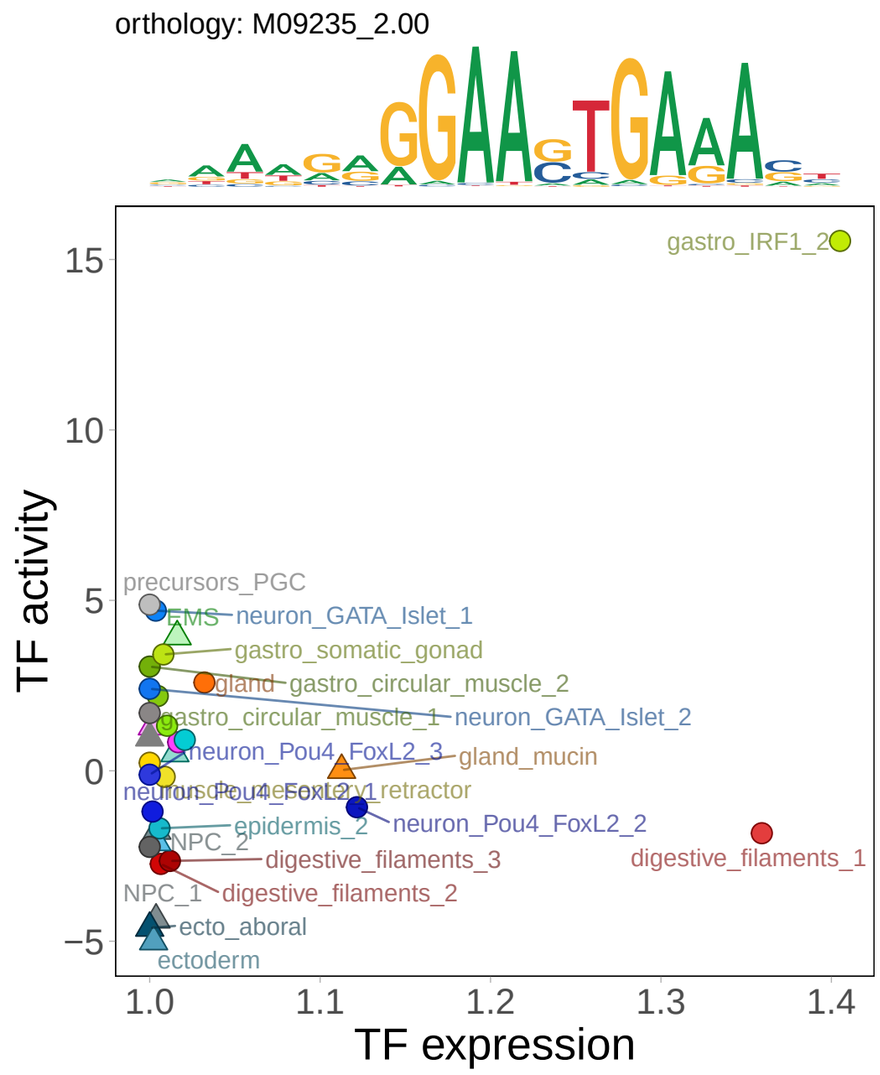


Nvec_vc1.1_XM_048720635.1
OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/THAP7/THAP8/THAP
PFAM: THAP

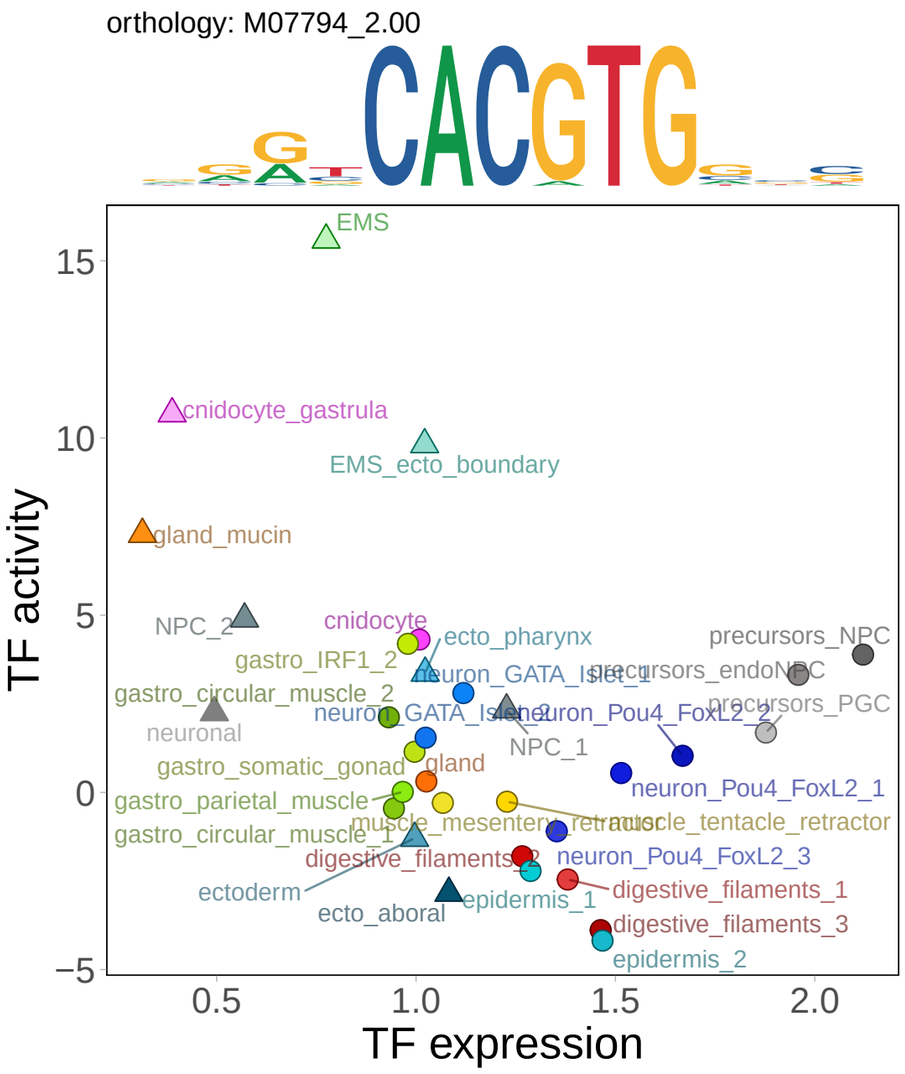


Nvec_vc1.1_XM_048720727.1
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9
PFAM: IRF/IRF−3

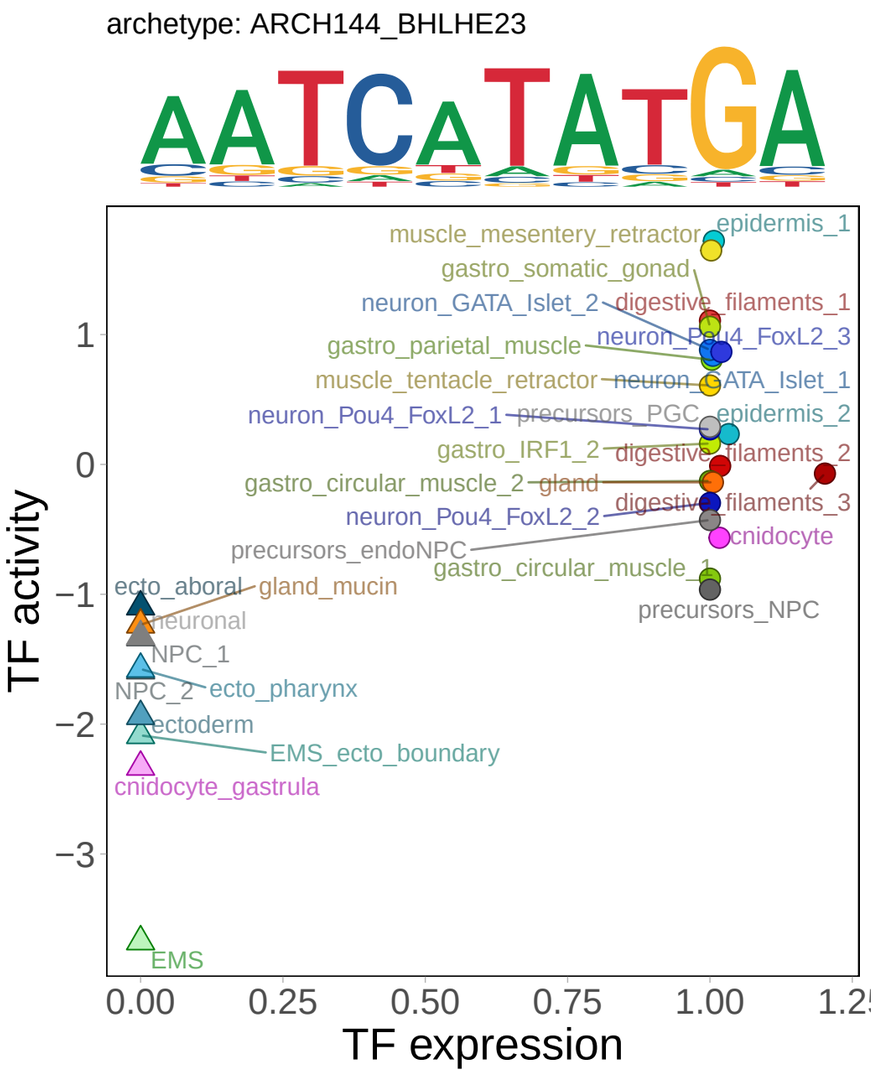


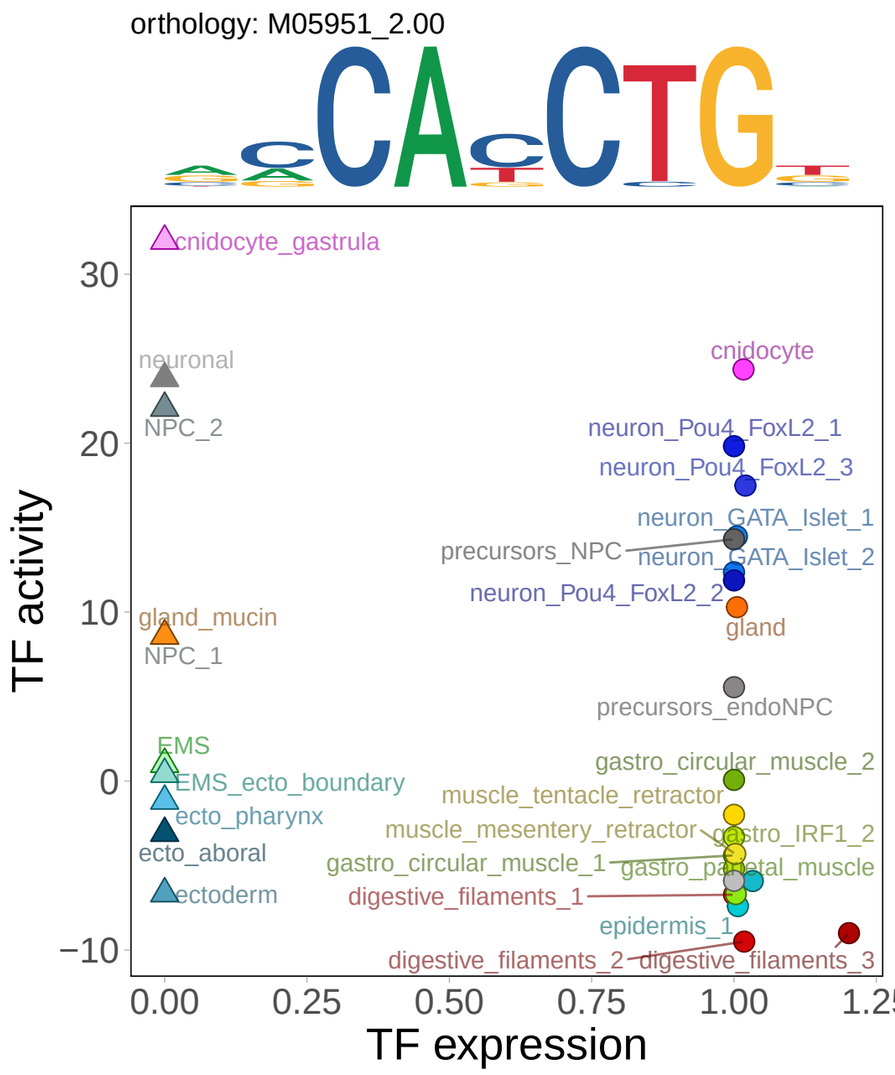


Nvec_vc1.1_XM_048721183.1
OG: HLH.HG1.24:MAX
PFAM: HLH/TPR_8/PPP5/Metallophos

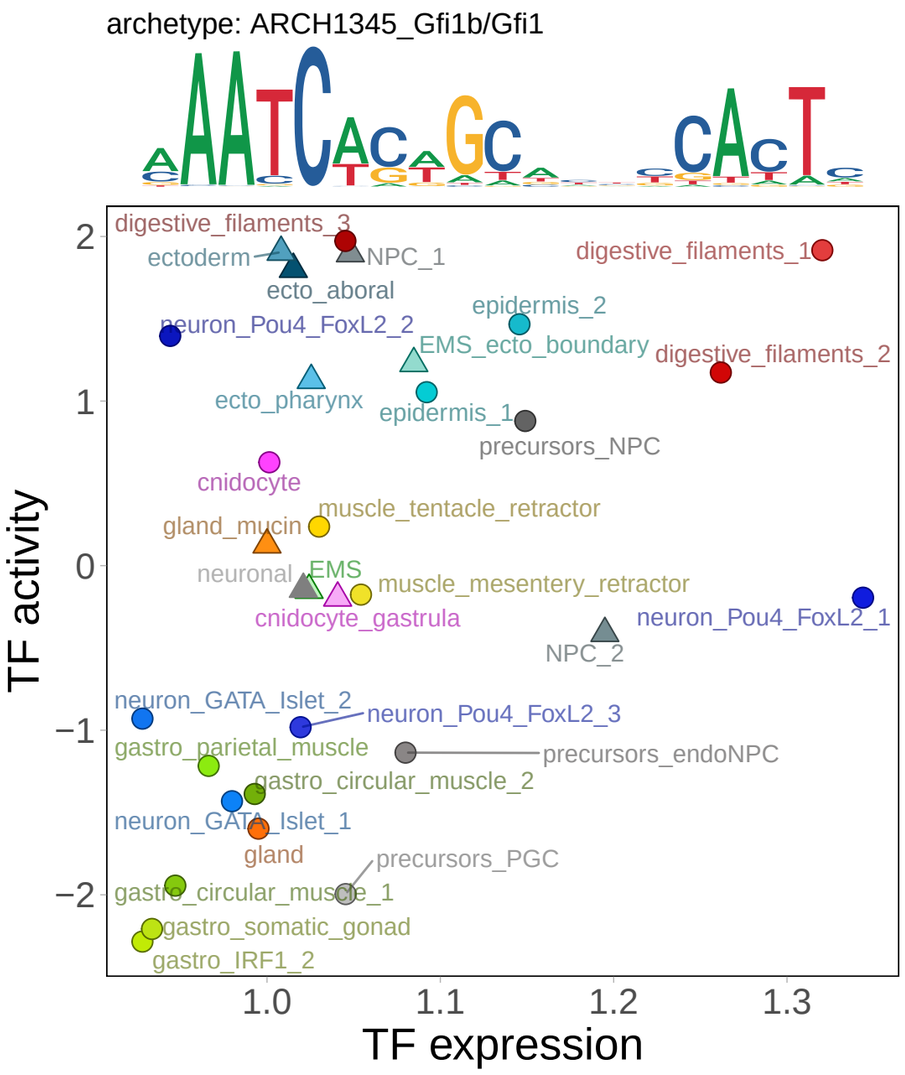


Nvec_vc1.1_XM_048721315.1
OG: HLH.HG1.31:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5/ATOH1/ATOH7/ATOH8/BHLHA9/BHLHA15/BH
PFAM: HLH

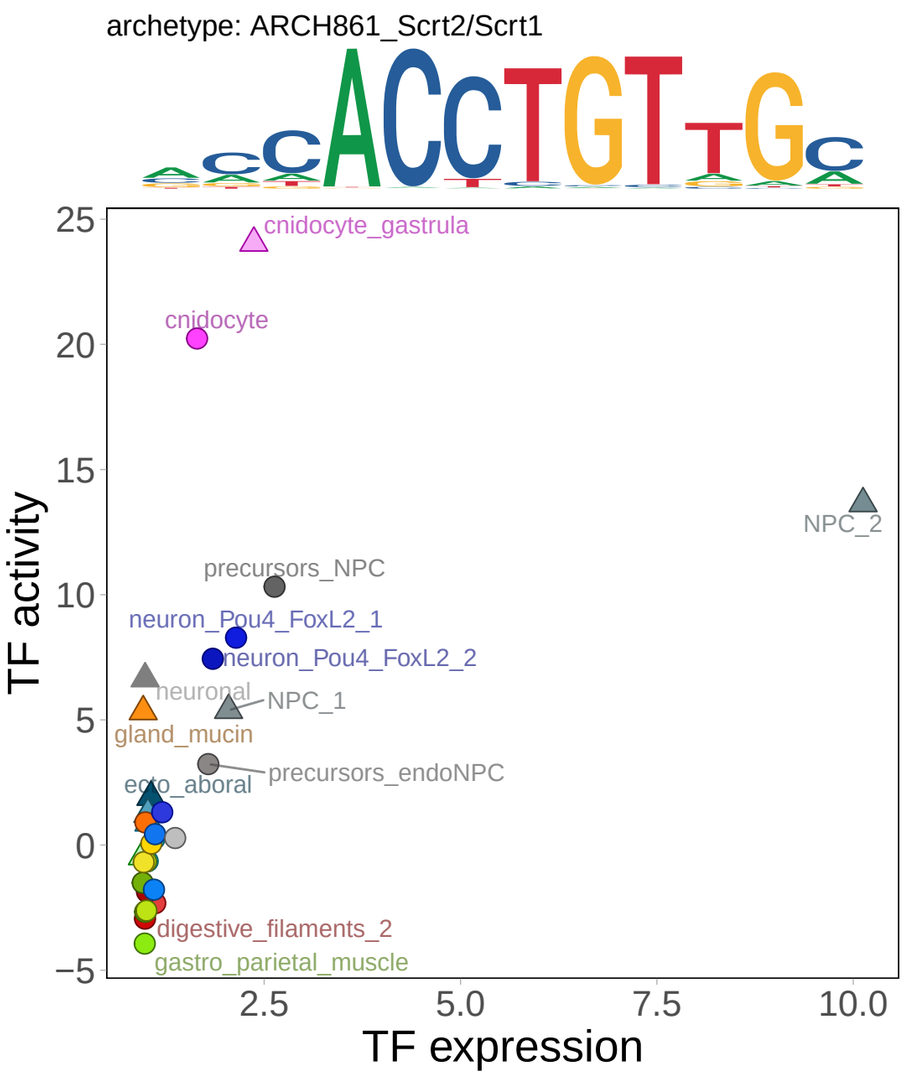




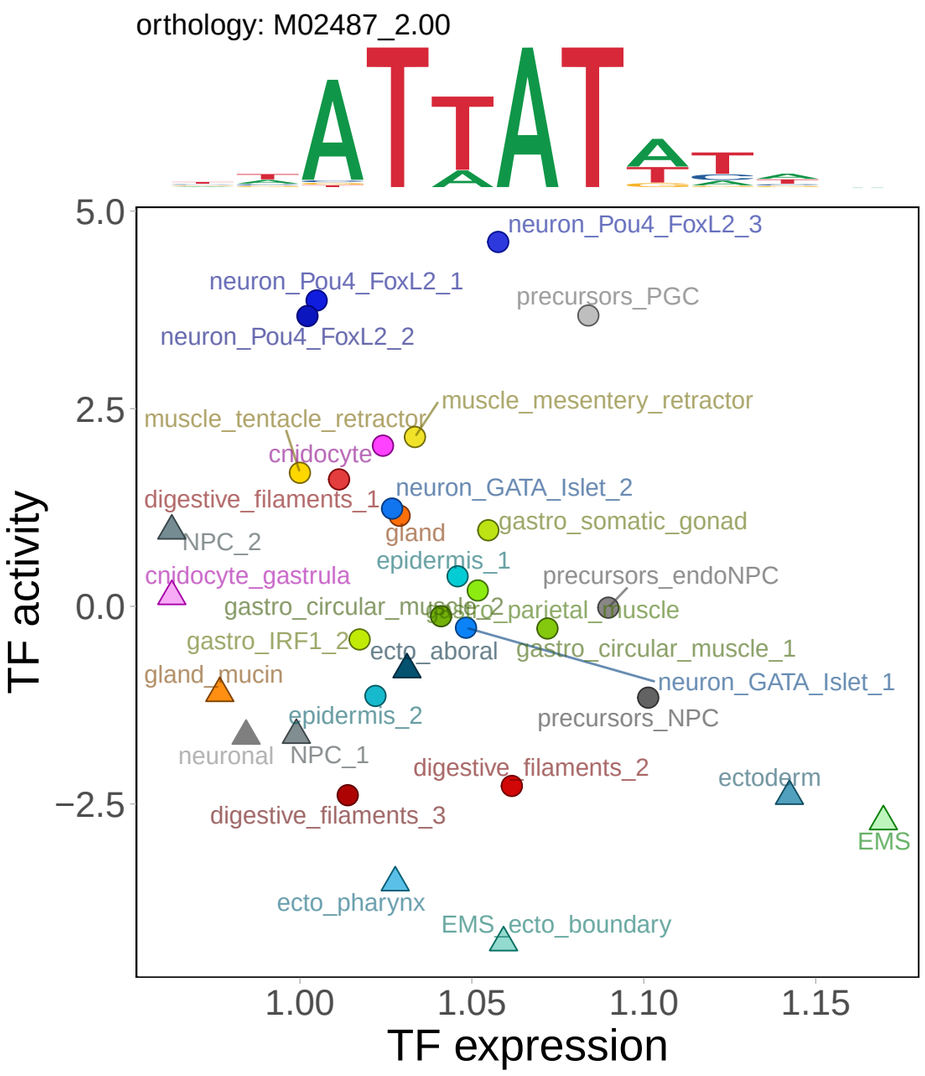
Nvec_vc1.1_XM_048721411.1
OG: zf−C2H2.HG66.0:ZNF8
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



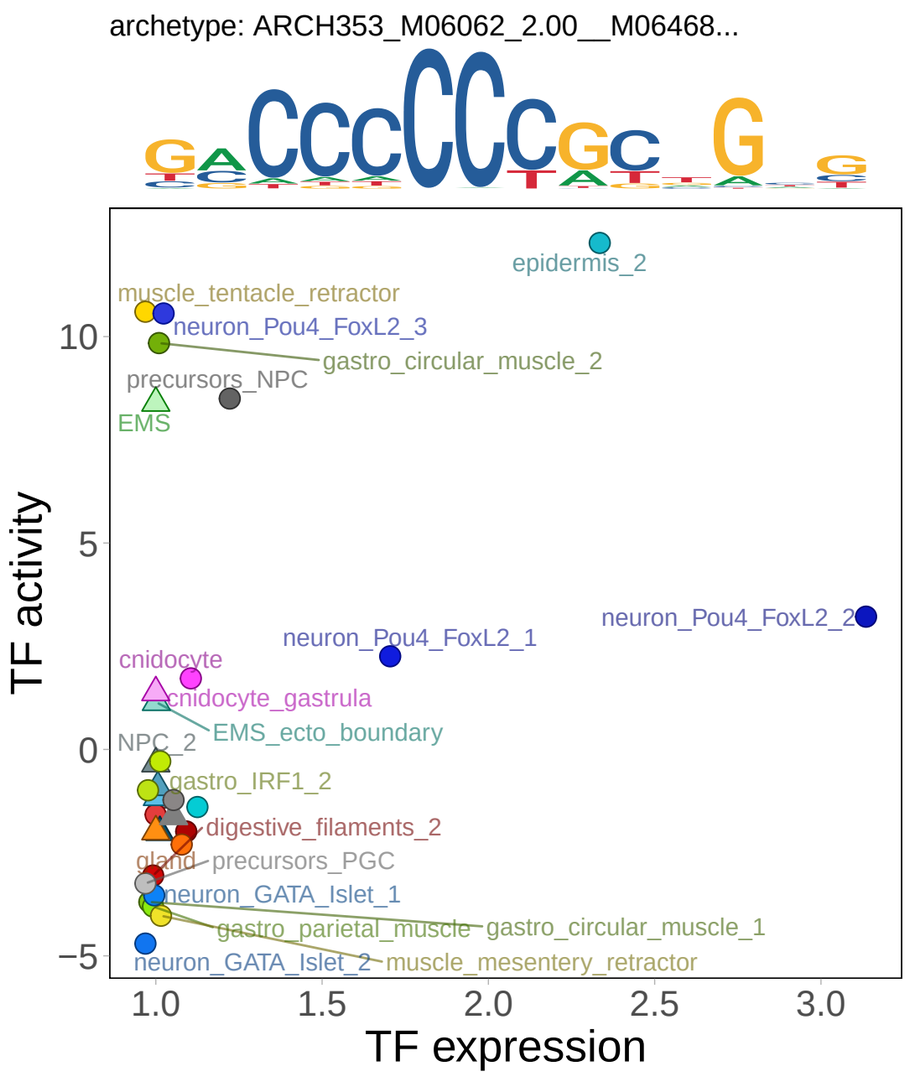
Nvec_vc1.1_XM_048721414.1
OG: zf−C2H2.HG1.7:PRDM13
PFAM: zf−C2H2/zf−C2H2/zf−C2H2



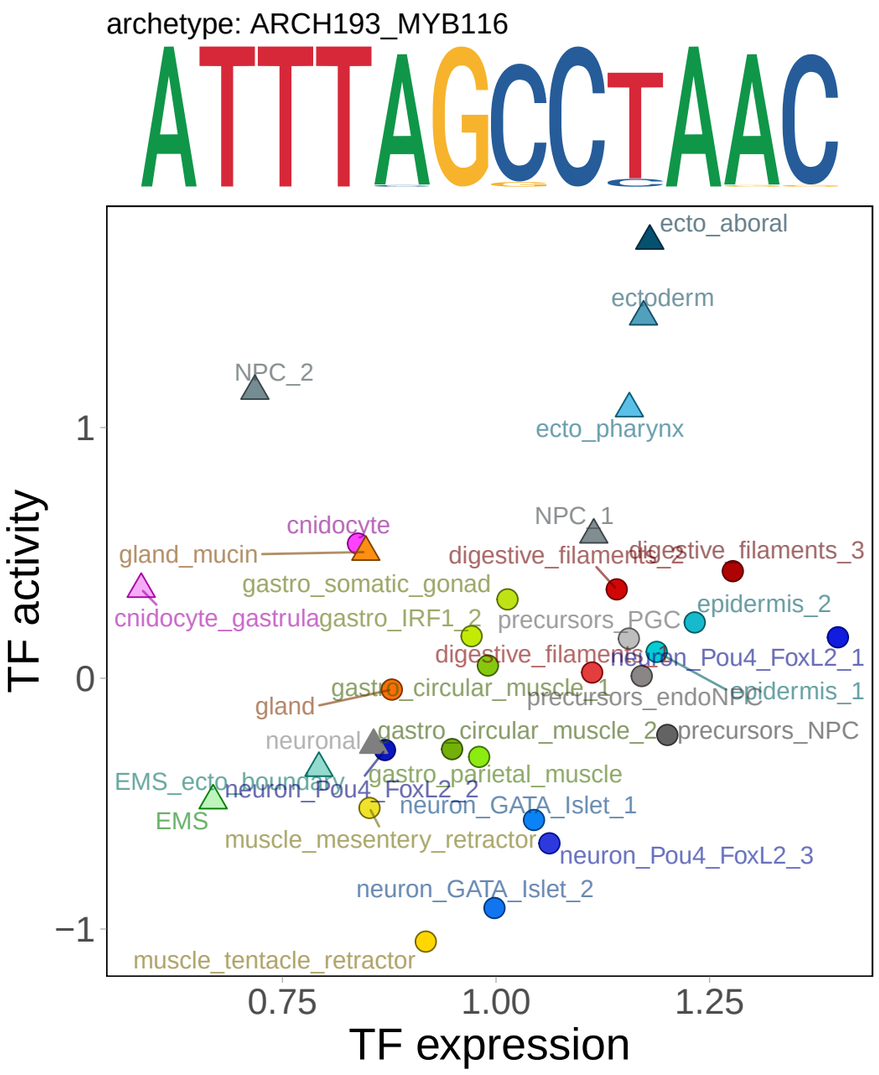
Nvec_vc1.1_XM_048721452.1
OG: HMGbox_Sox.HG1.62:like:NSD2
PFAM: WD40/WD40/Mcl1_mid/HMG_box

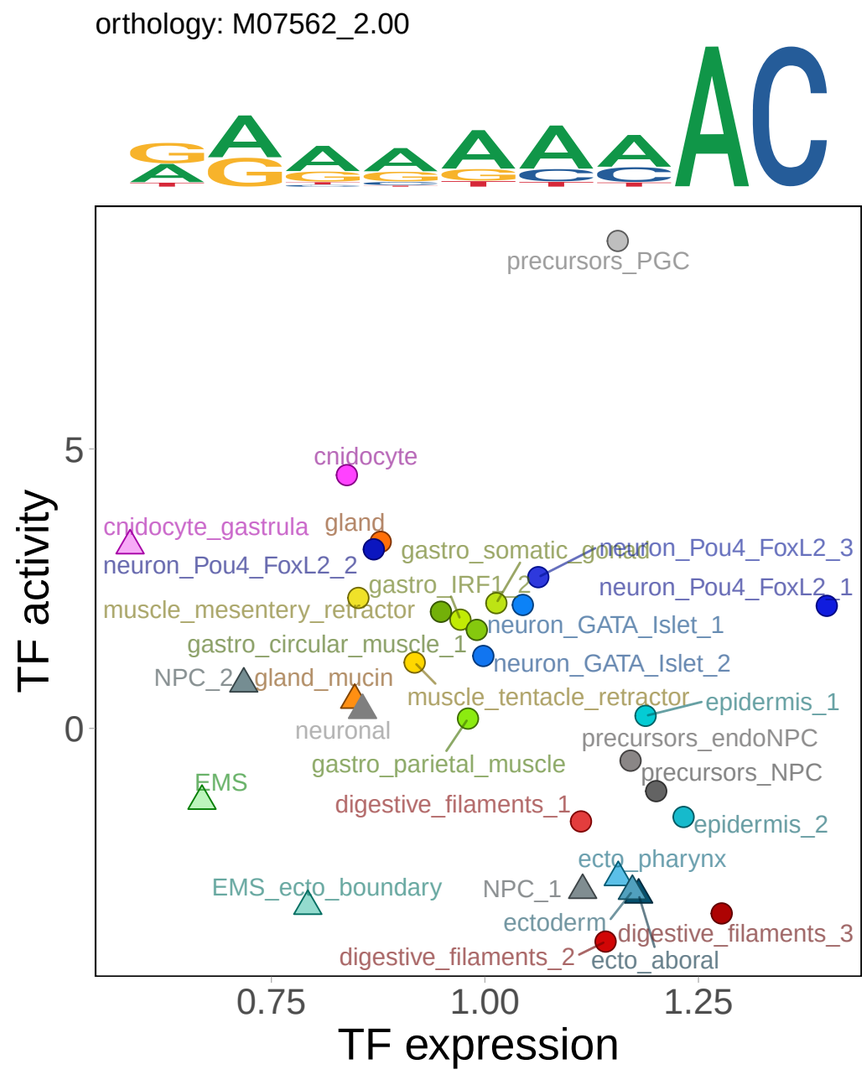


Nvec_vc1.1_XM_048721581.1
OG: zf−C2H2.HG1.29:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL11
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

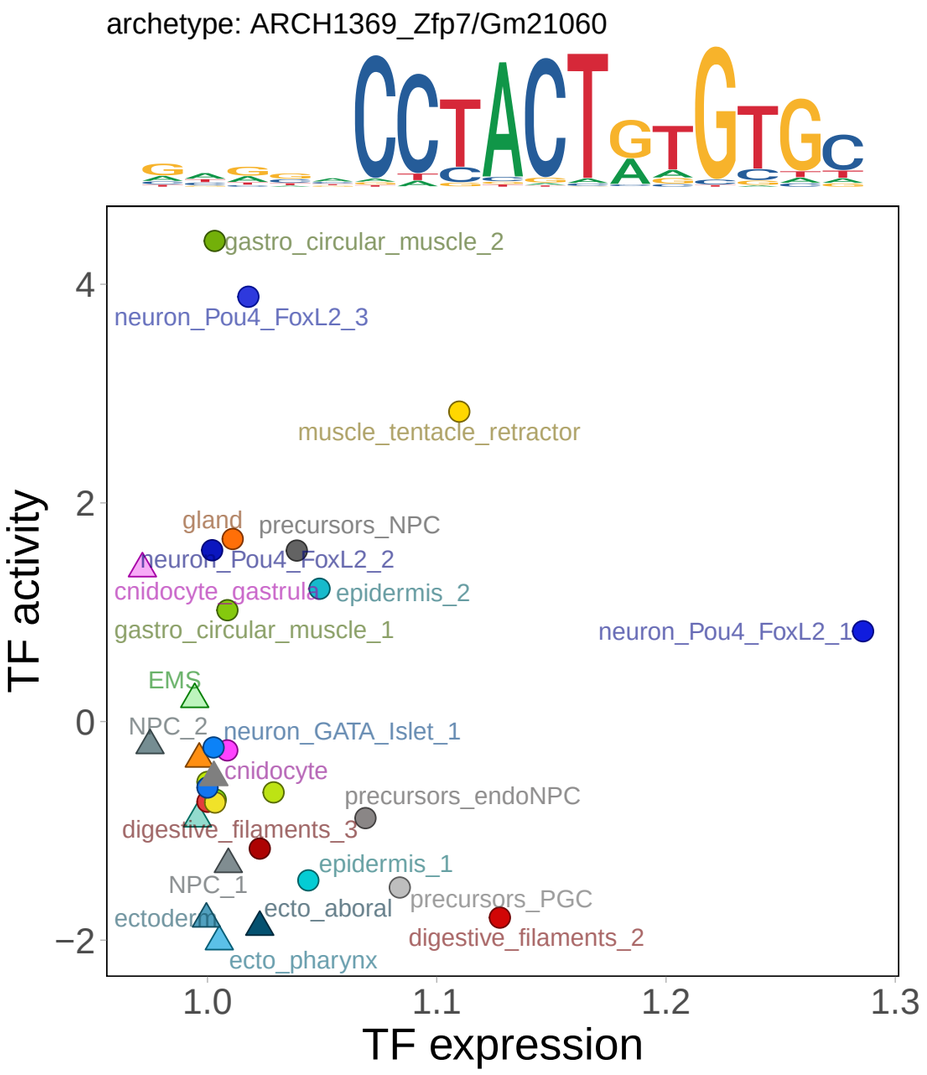


Nvec_vc1.1_XM_048721609.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN29/ZSCAN32
PFAM: Myb_DNA−bind_4

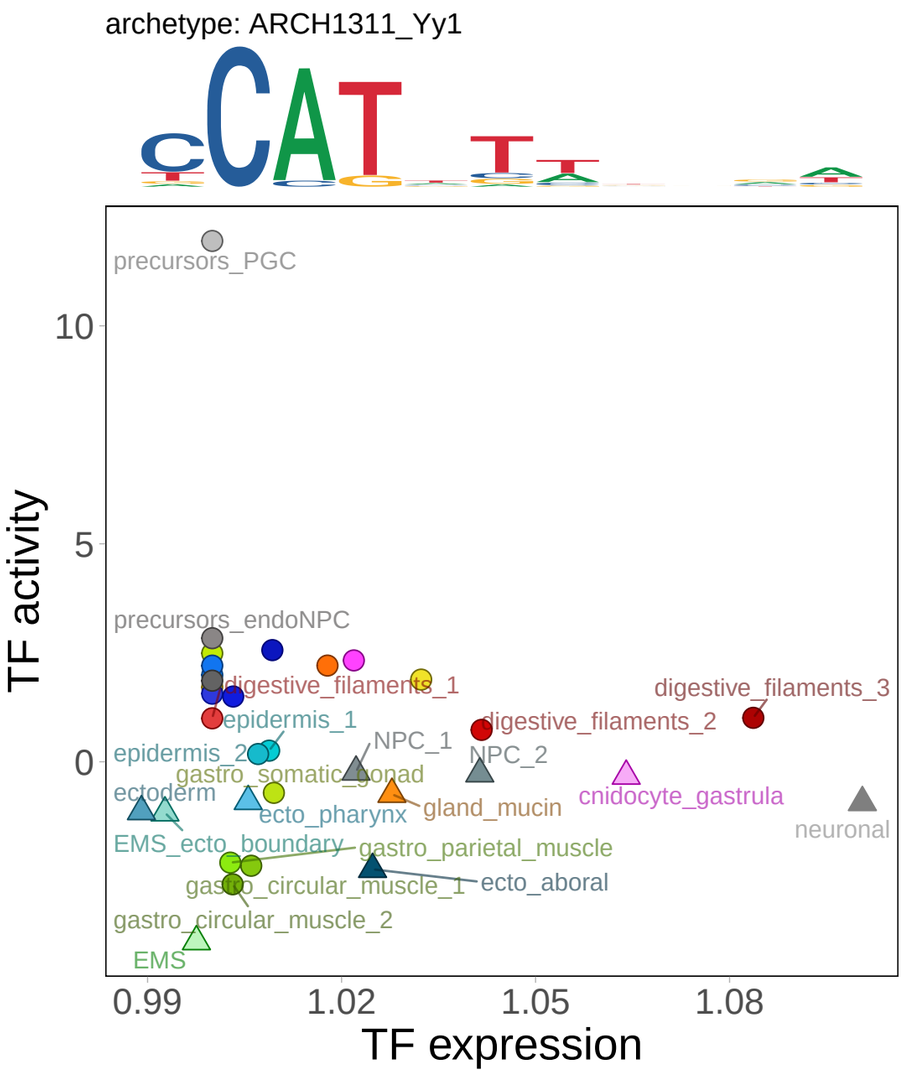




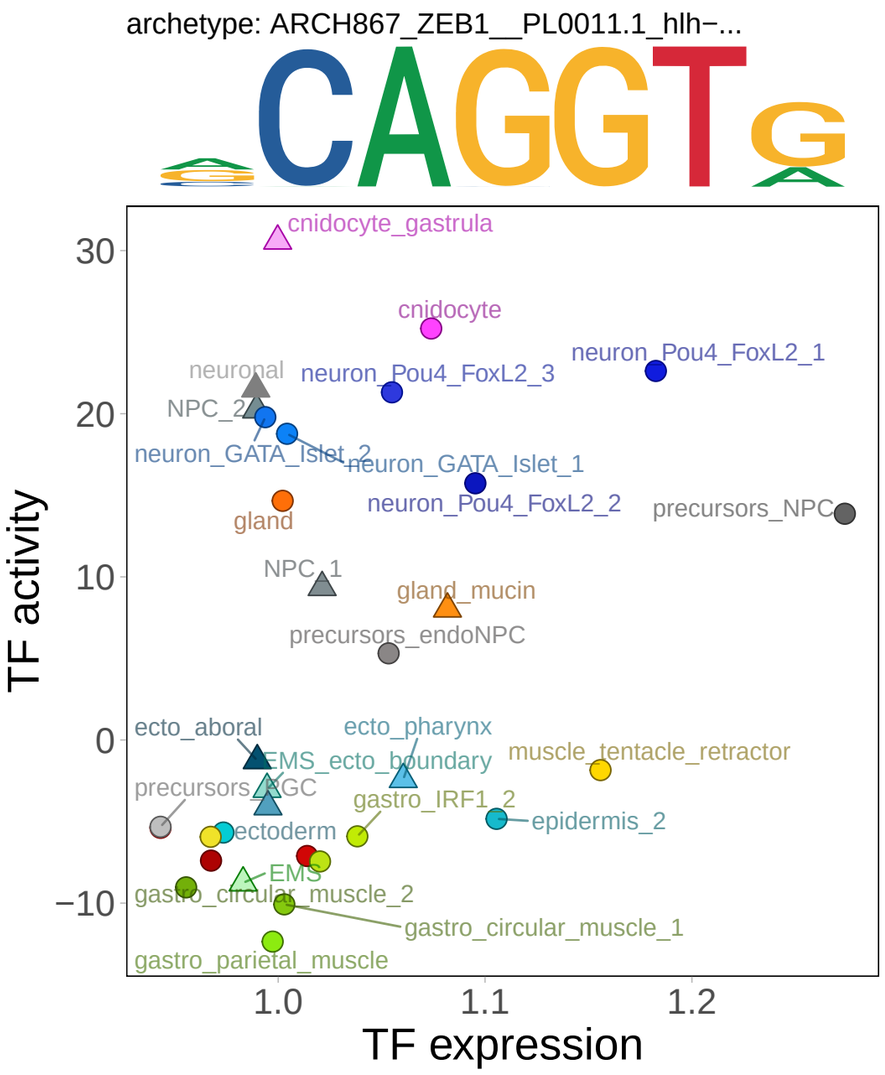
Nvec_vc1.1_XM_048721905.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2

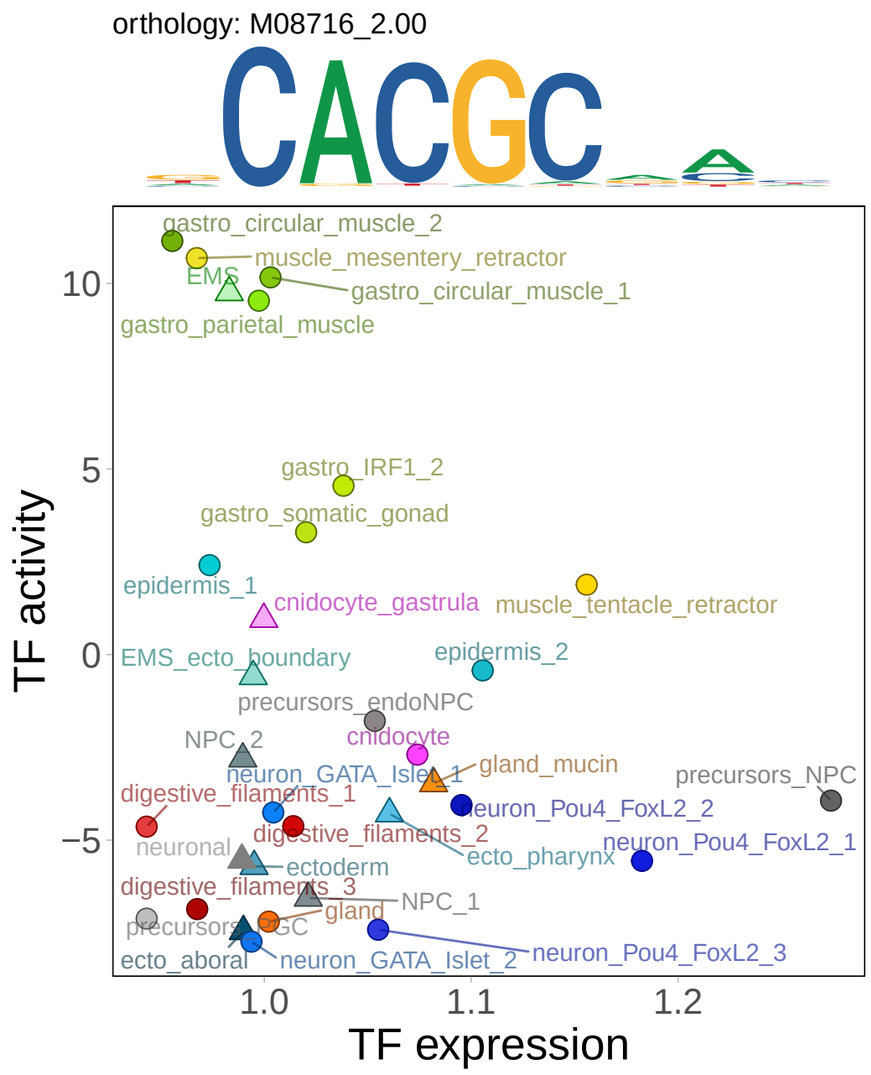


Nvec_vc1.1_XM_048721909.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11

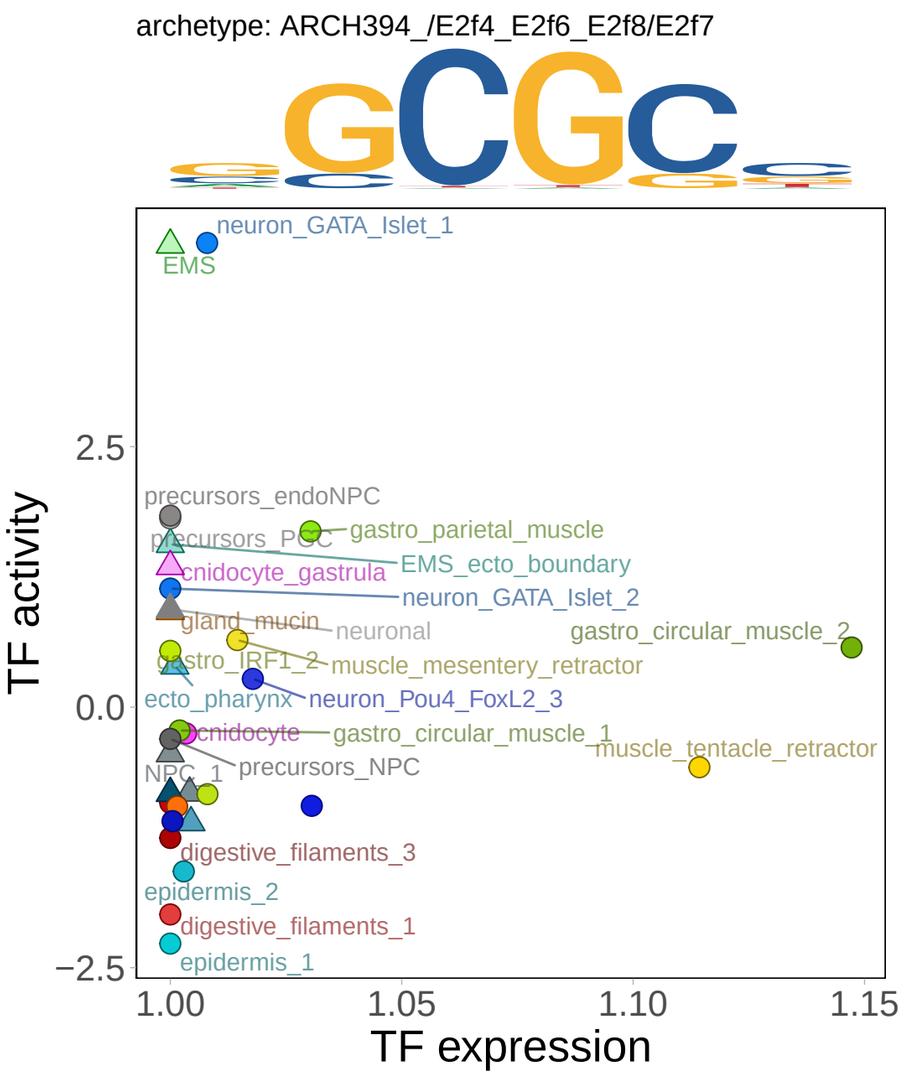


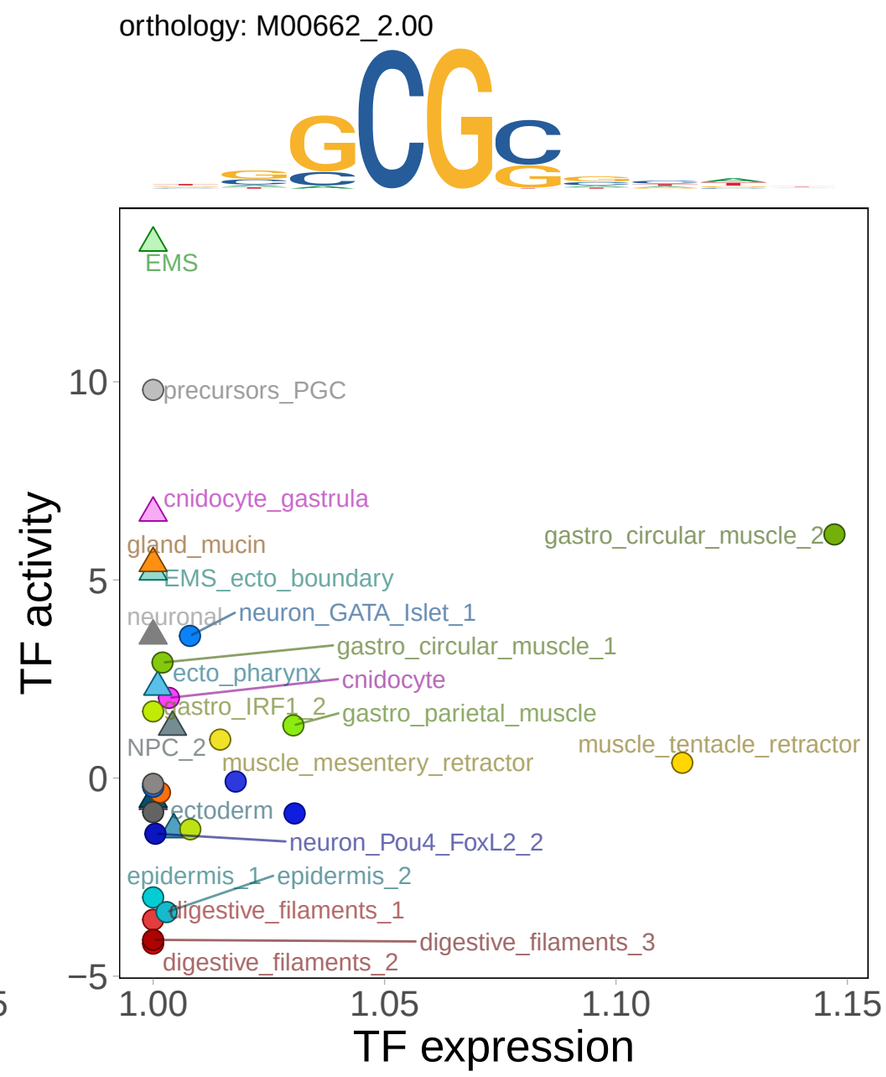
Nvec_vc1.1_XM_048722339.1
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCOA1/NPAS1/NPAS2/
PFAM: HLH/PAS



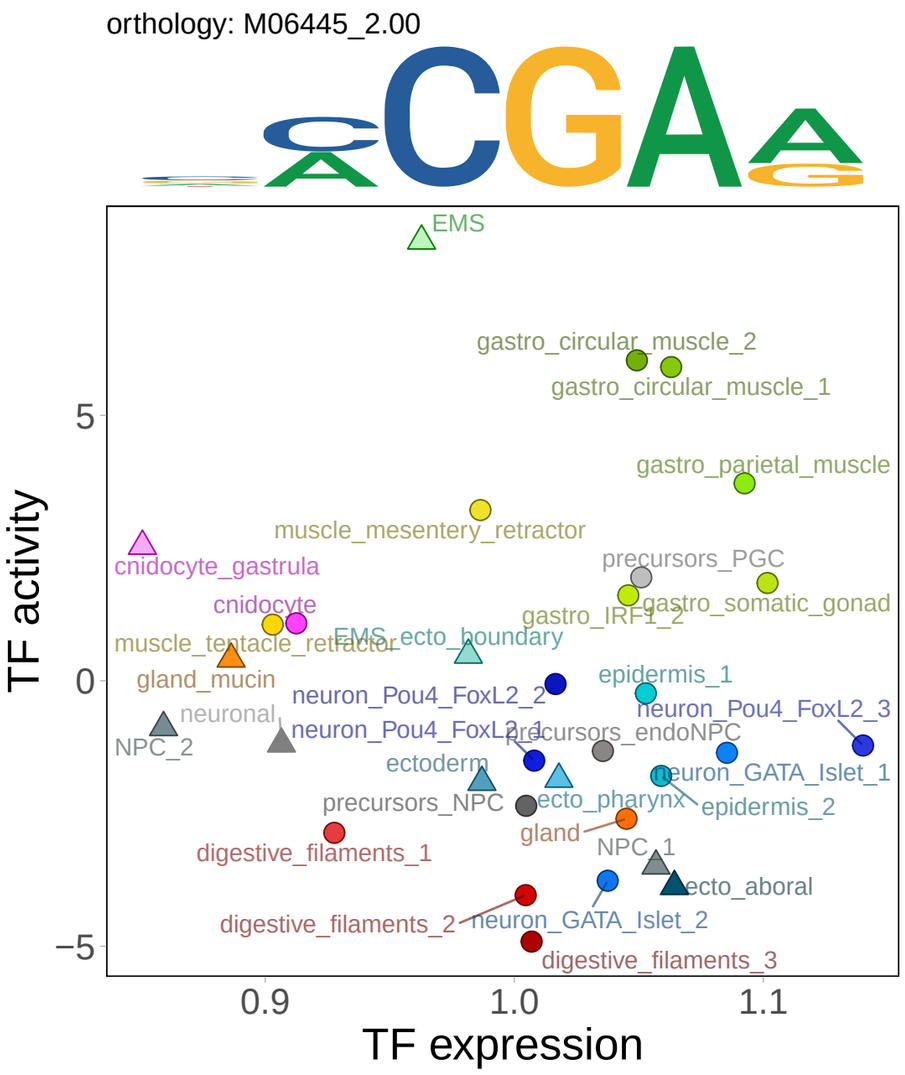


Nvec_vc1.1_XM_048722428.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB

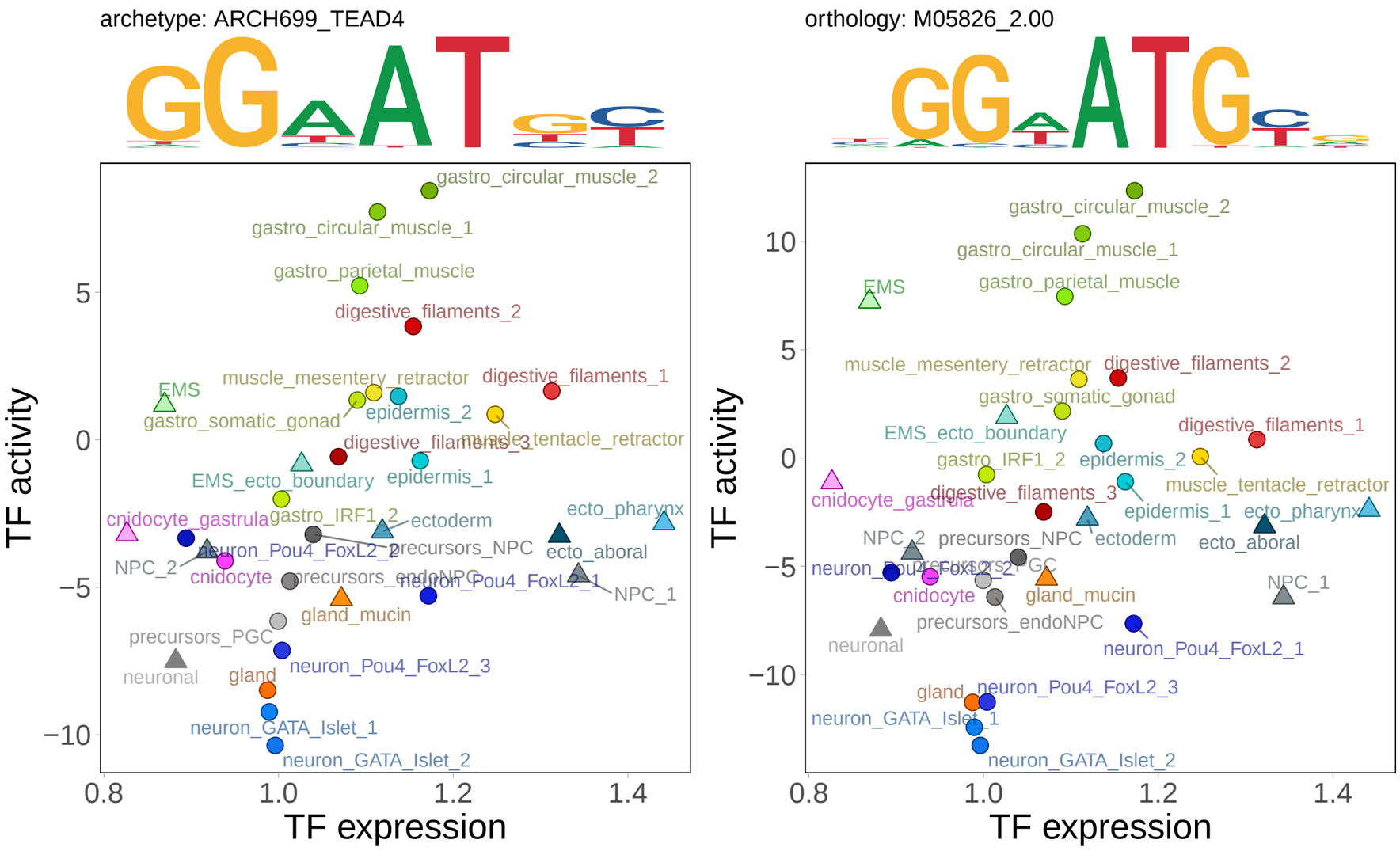




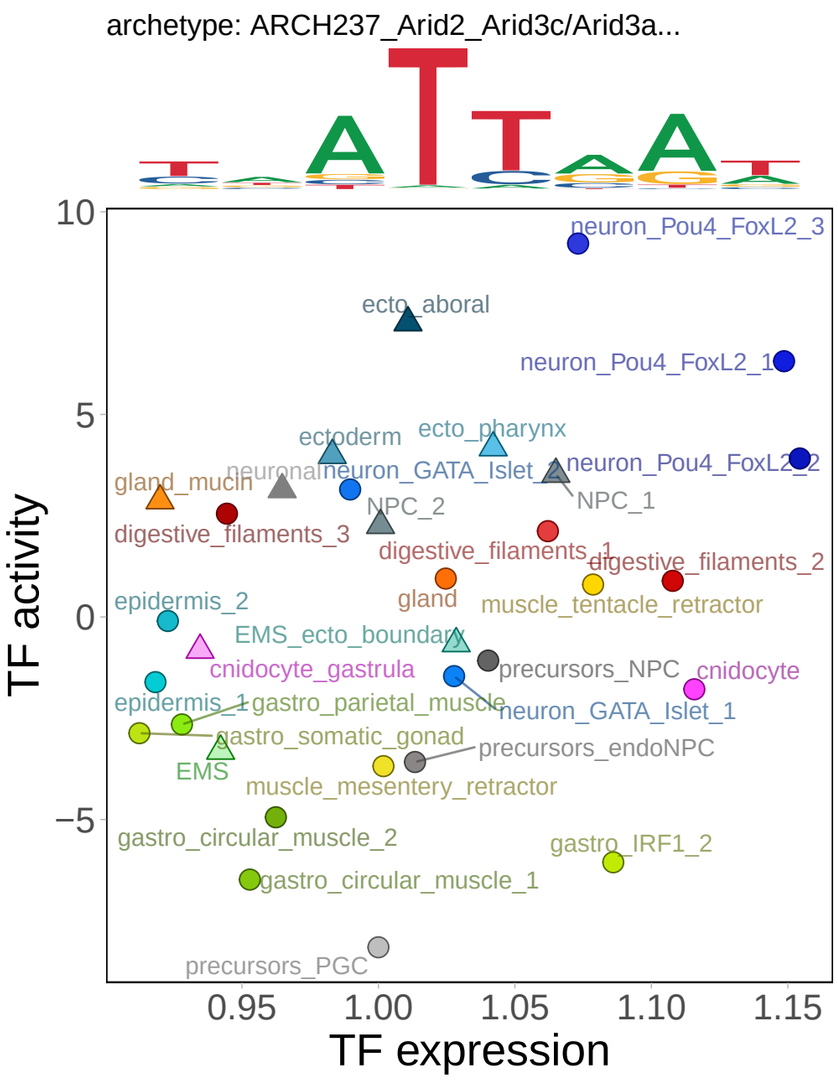
Nvec_vc1.1_XM_048722445.1
OG: SAND.HG1.3:DEAF1
PFAM: SAND

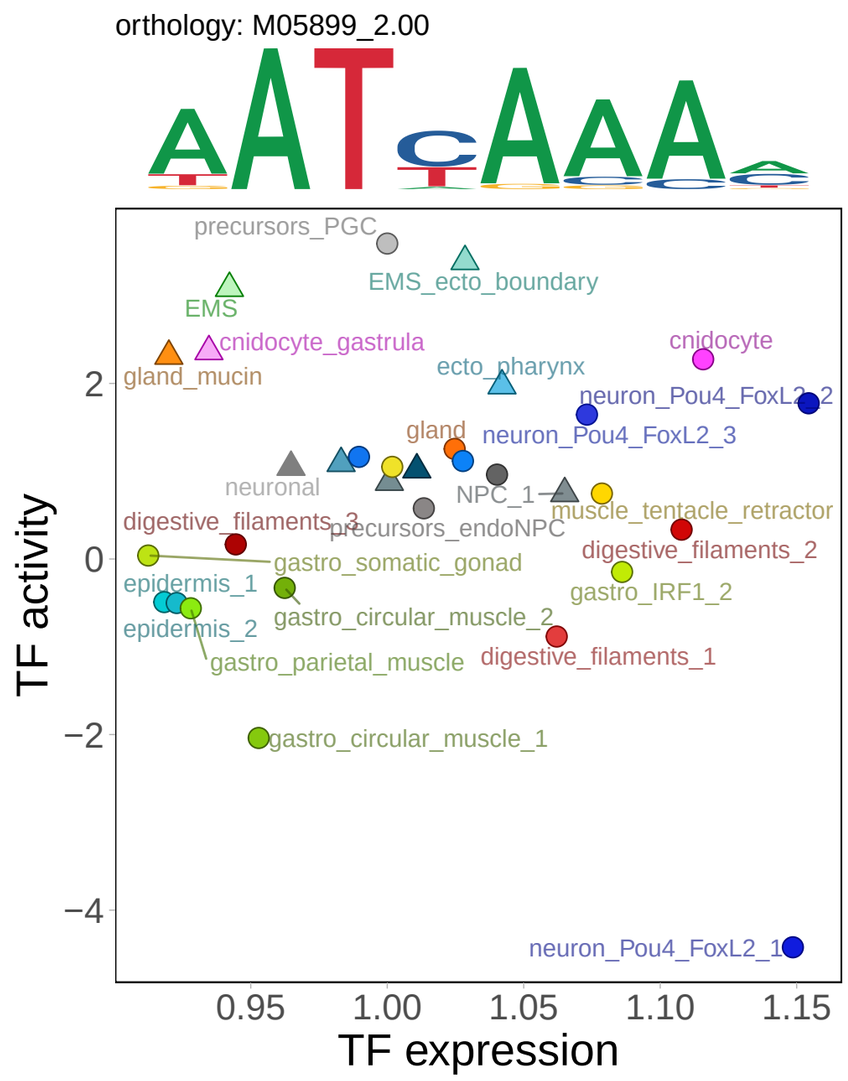


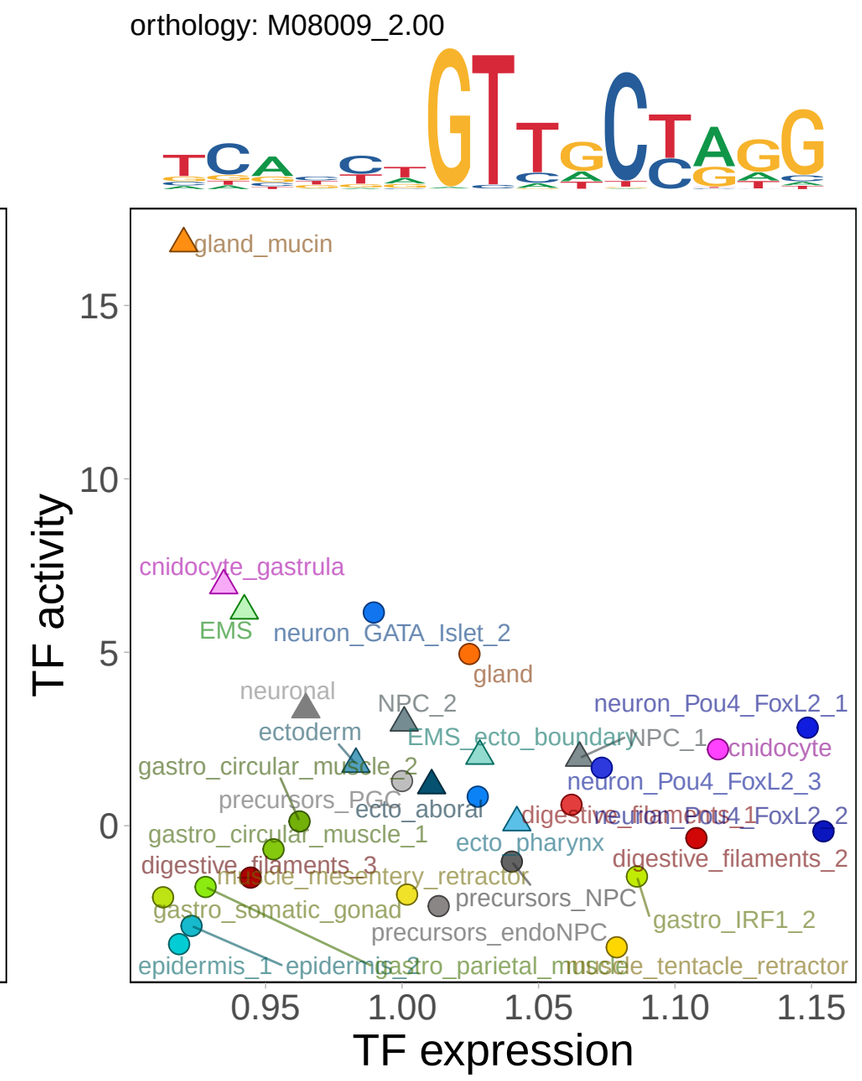
Nvec_vc1.1_XM_048722500.1
OG: TEA.HG1.0:TEAD1/TEAD2/TEAD3/TEAD4
PFAM: TEA/YBD



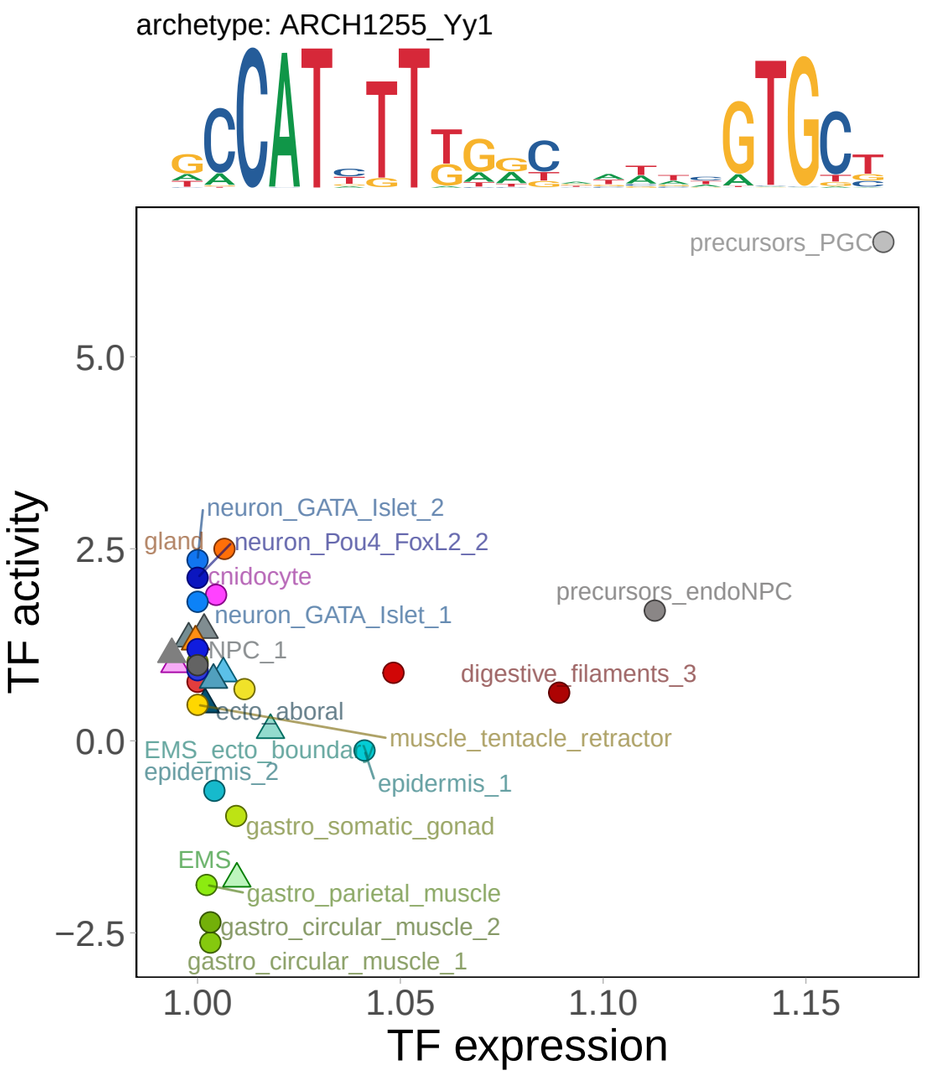
Nvec_vc1.1_XM_048722594.1
OG: ARID_BRIGHT.HG1.3:ARID2
PFAM: ARID/RFX_DNA_binding



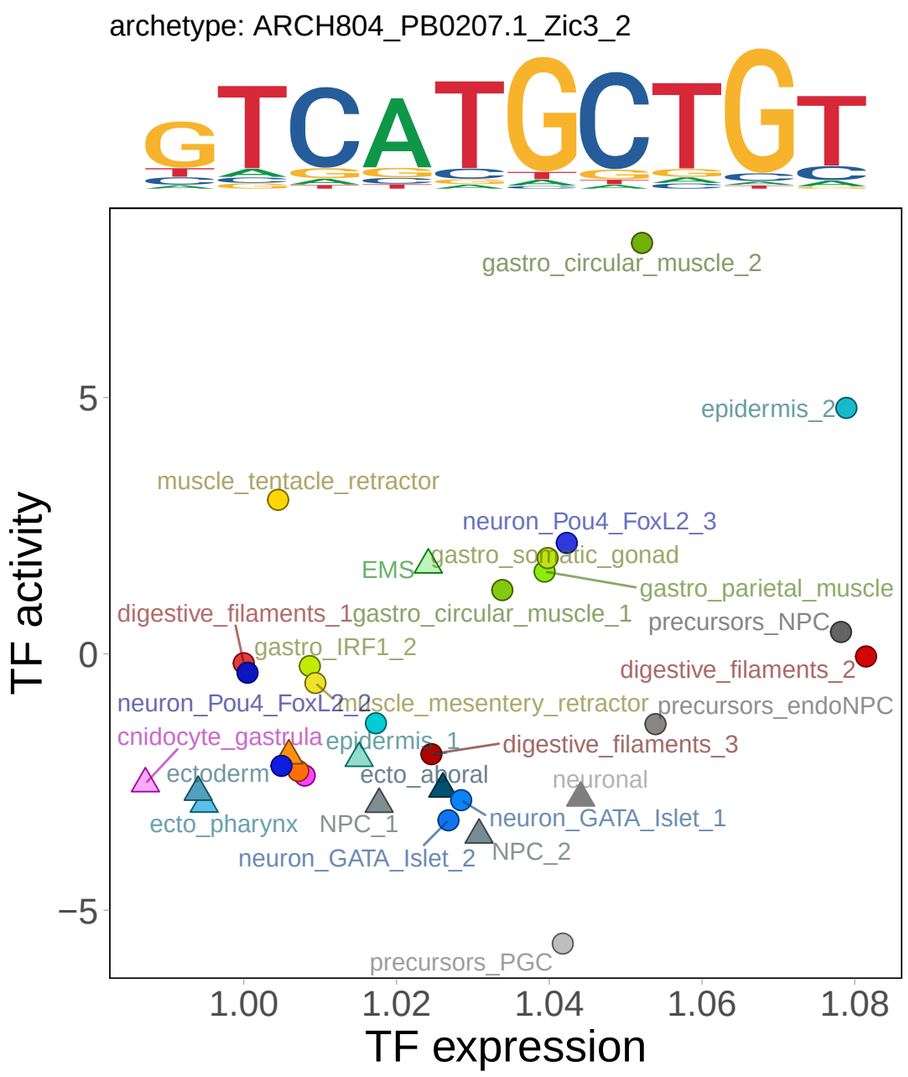




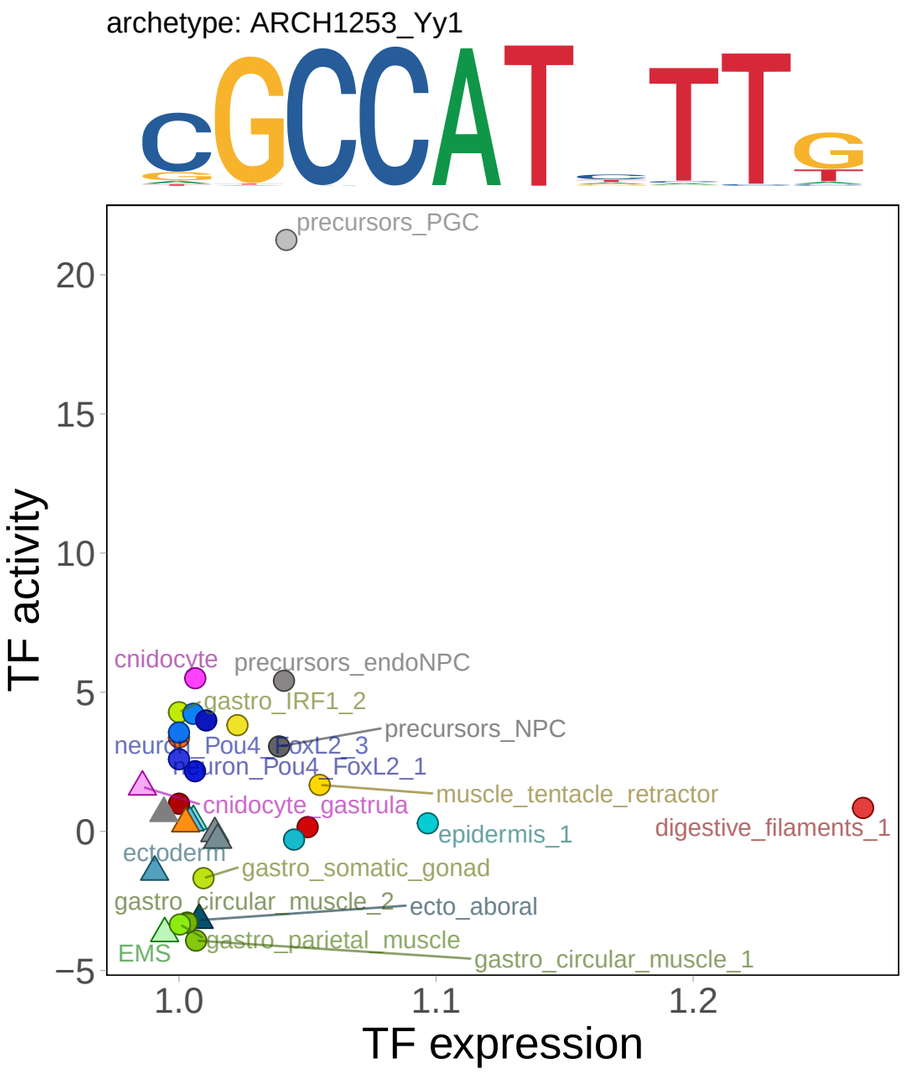
Nvec_vc1.1_XM_048722680.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



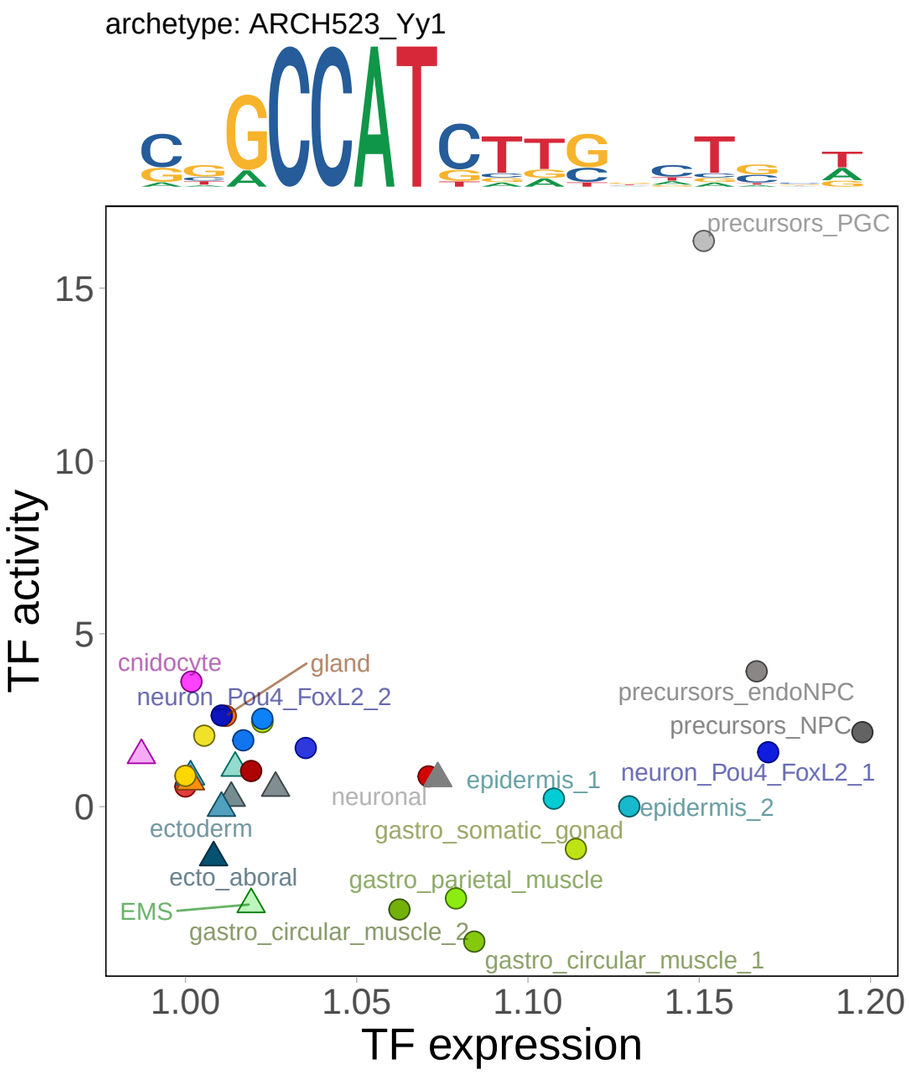
Nvec_vc1.1_XM_048722751.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



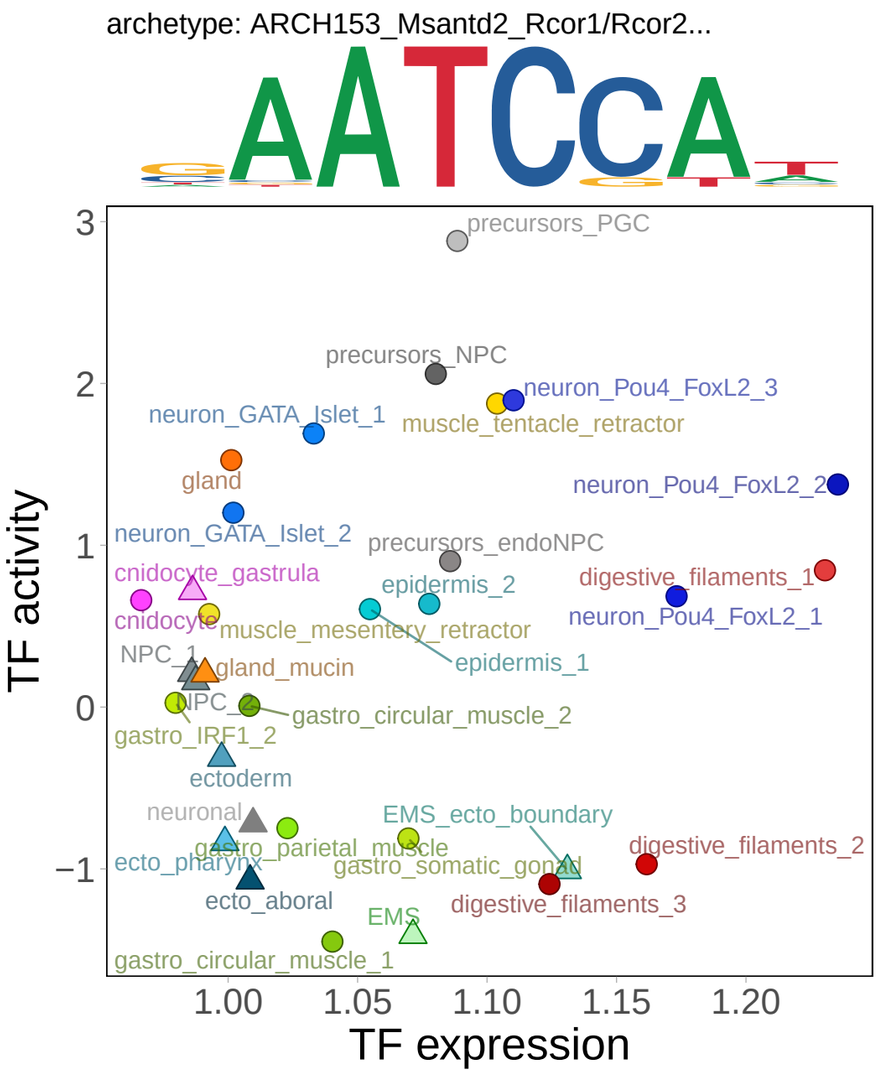
Nvec_vc1.1_XM_048722754.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H2

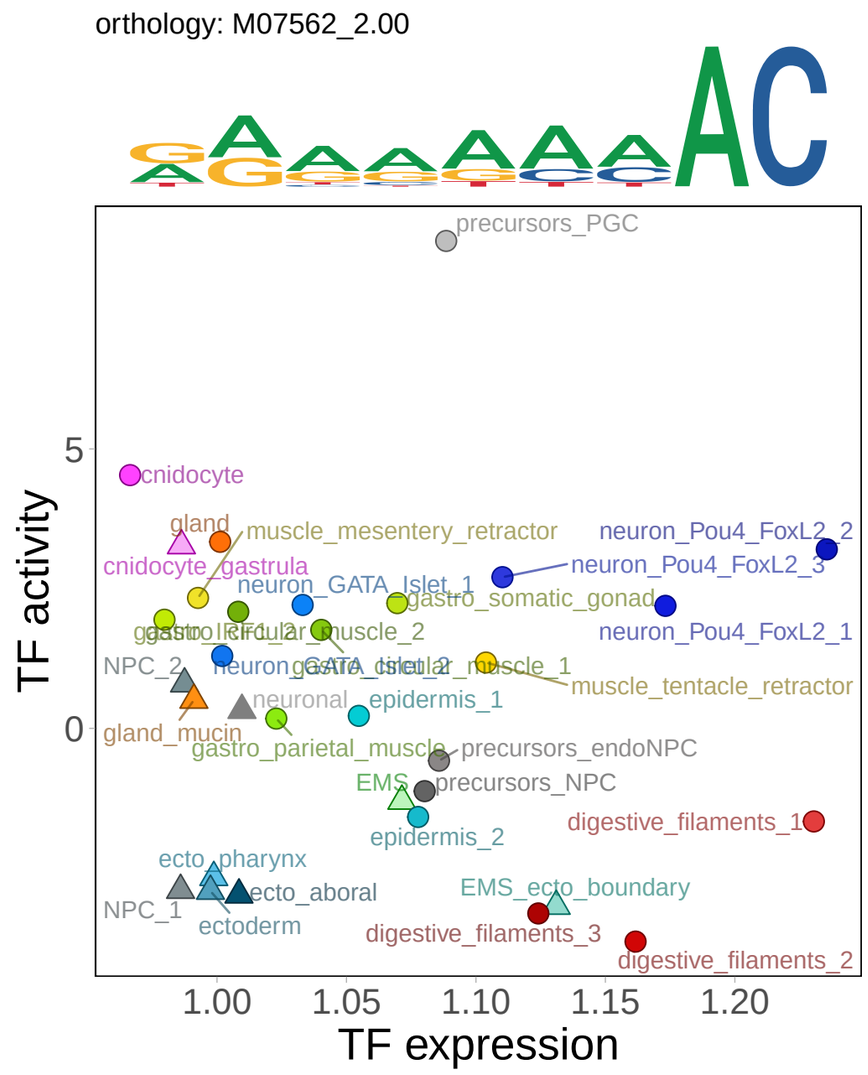


Nvec_vc1.1_XM_048722777.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

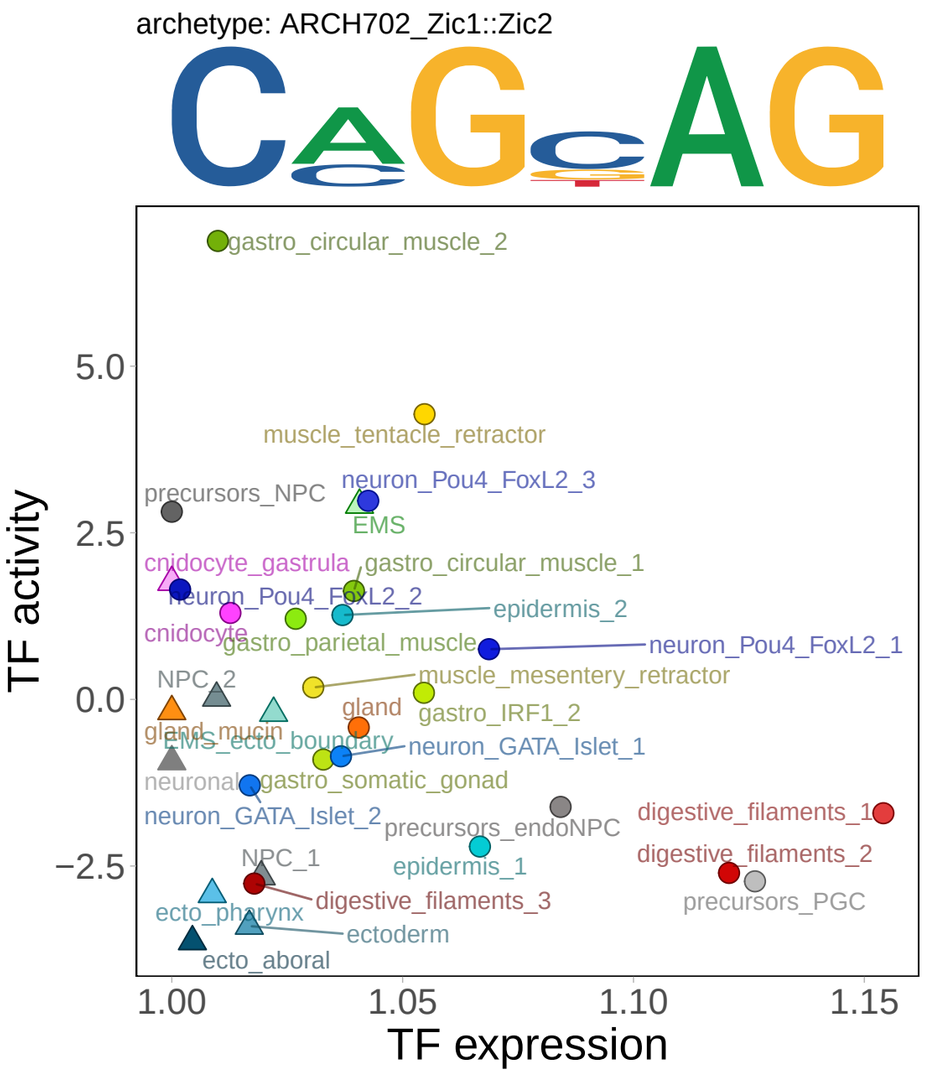


Nvec_vc1.1_XM_048722810.1
OG: Myb.HG1.5:like:DNAJC1/DNAJC2
PFAM: Myb_DNA−bind_4

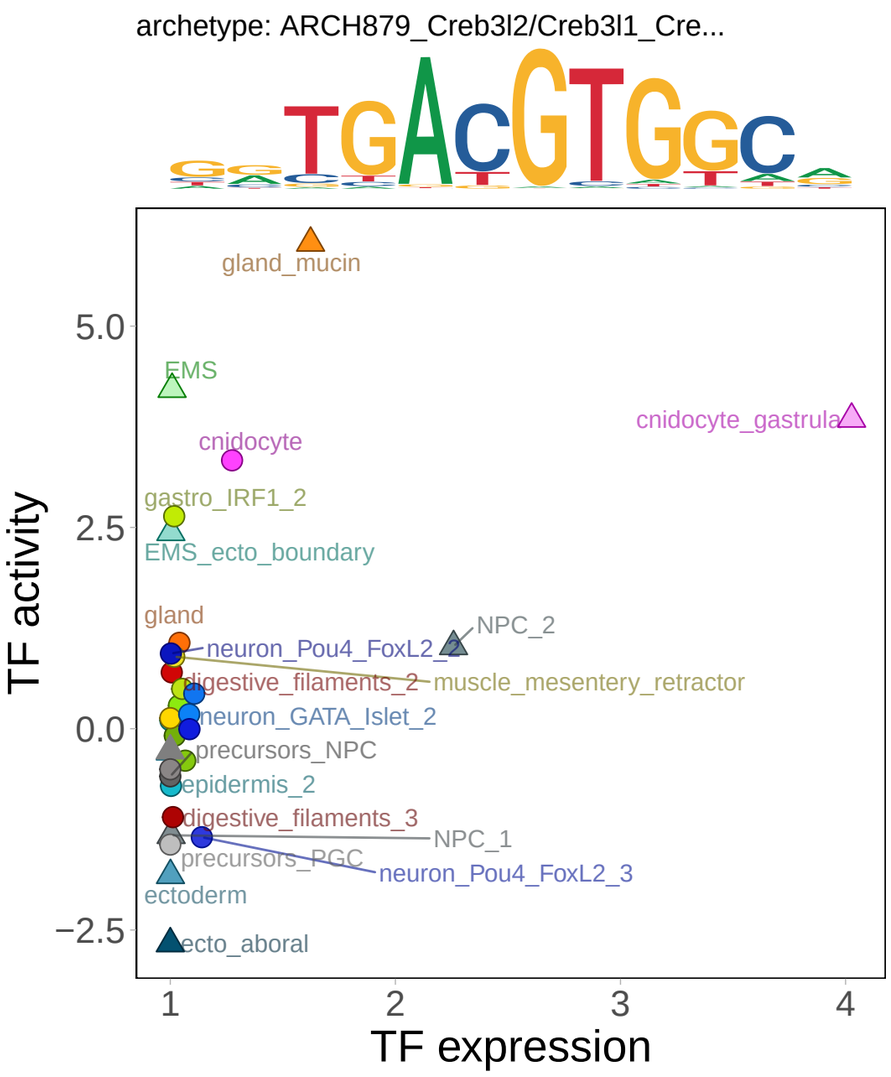


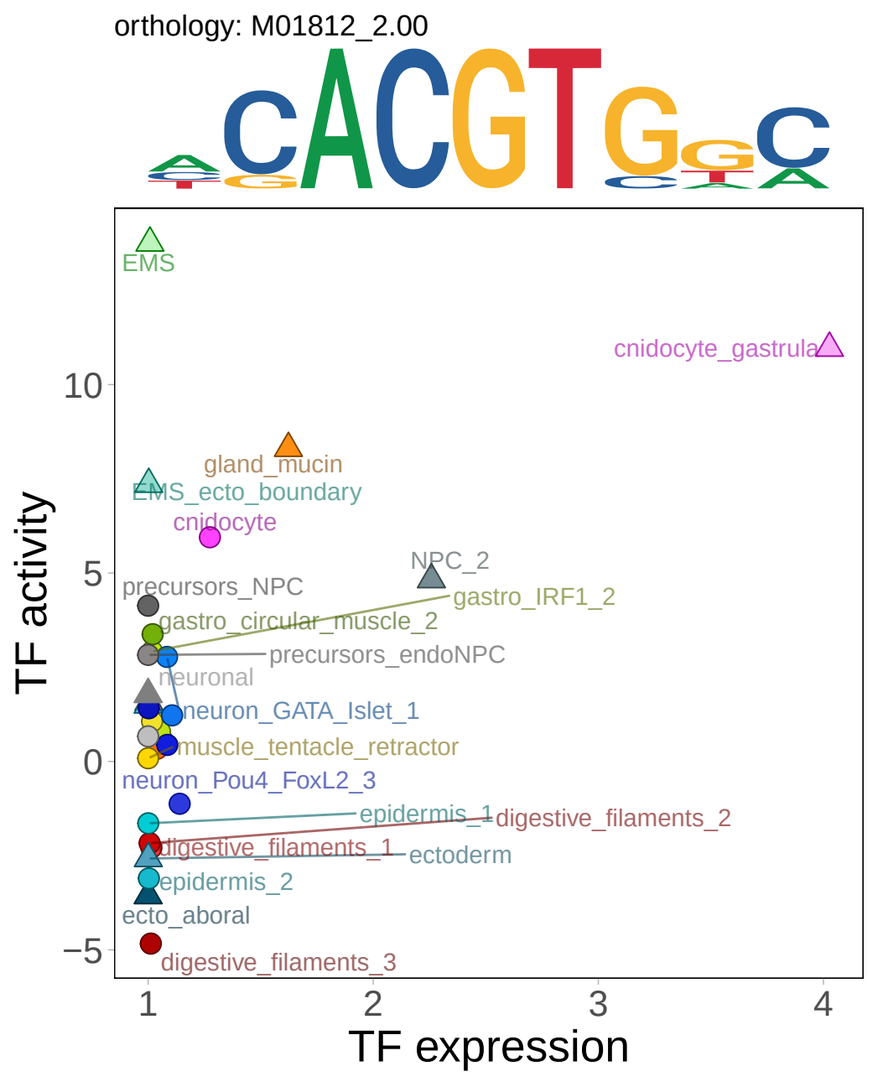


Nvec_vc1.1_XM_048723038.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H2_11/zf−C2H2/

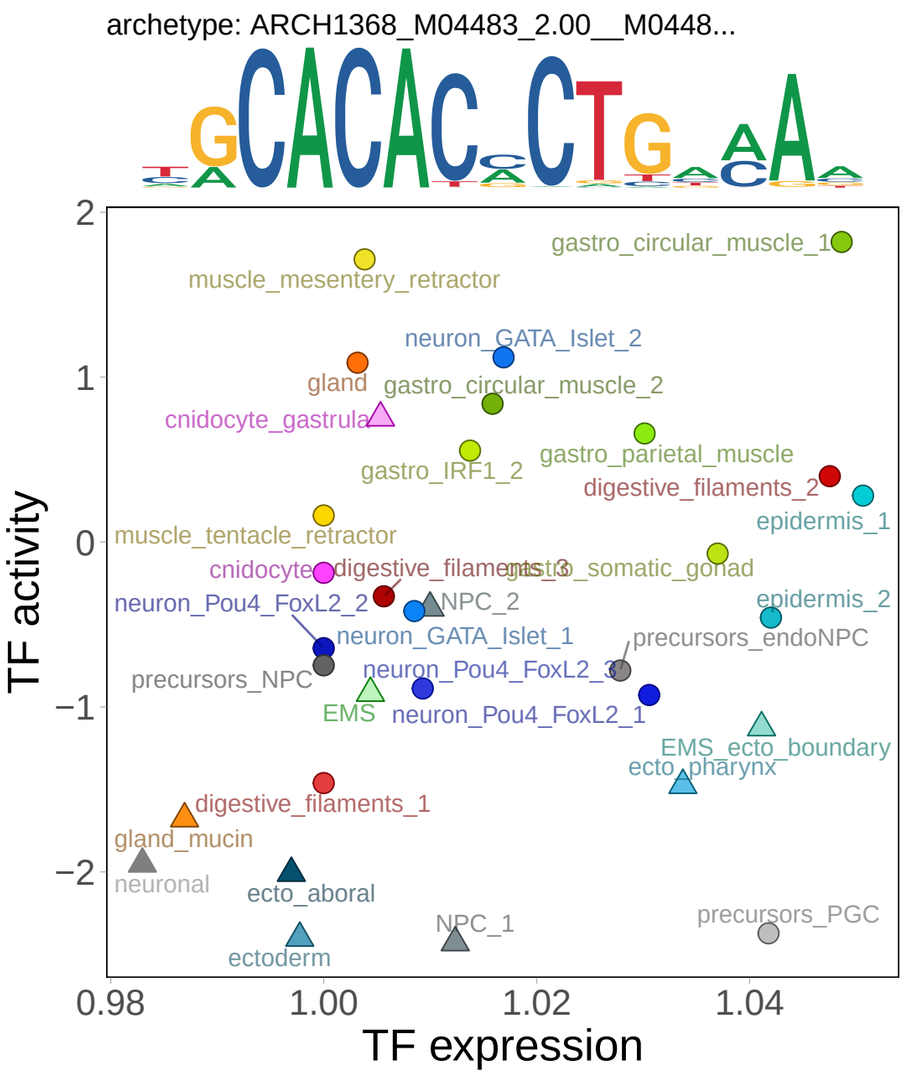


Nvec_vc1.1_XM_048723046.1
OG: bZIP.HG1.14:like:CREB3/CREB3L1/CREB3L2/CREB3L3/CREB3L4
PFAM: bZIP_1

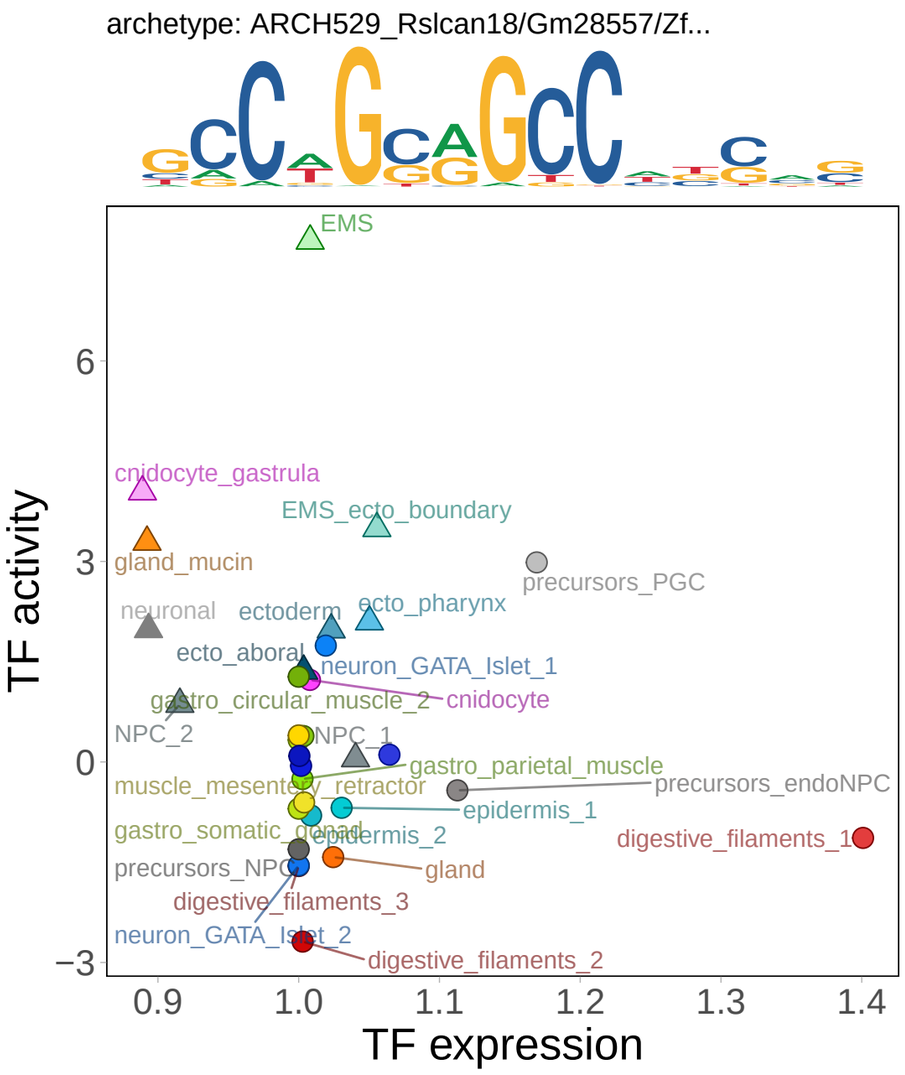




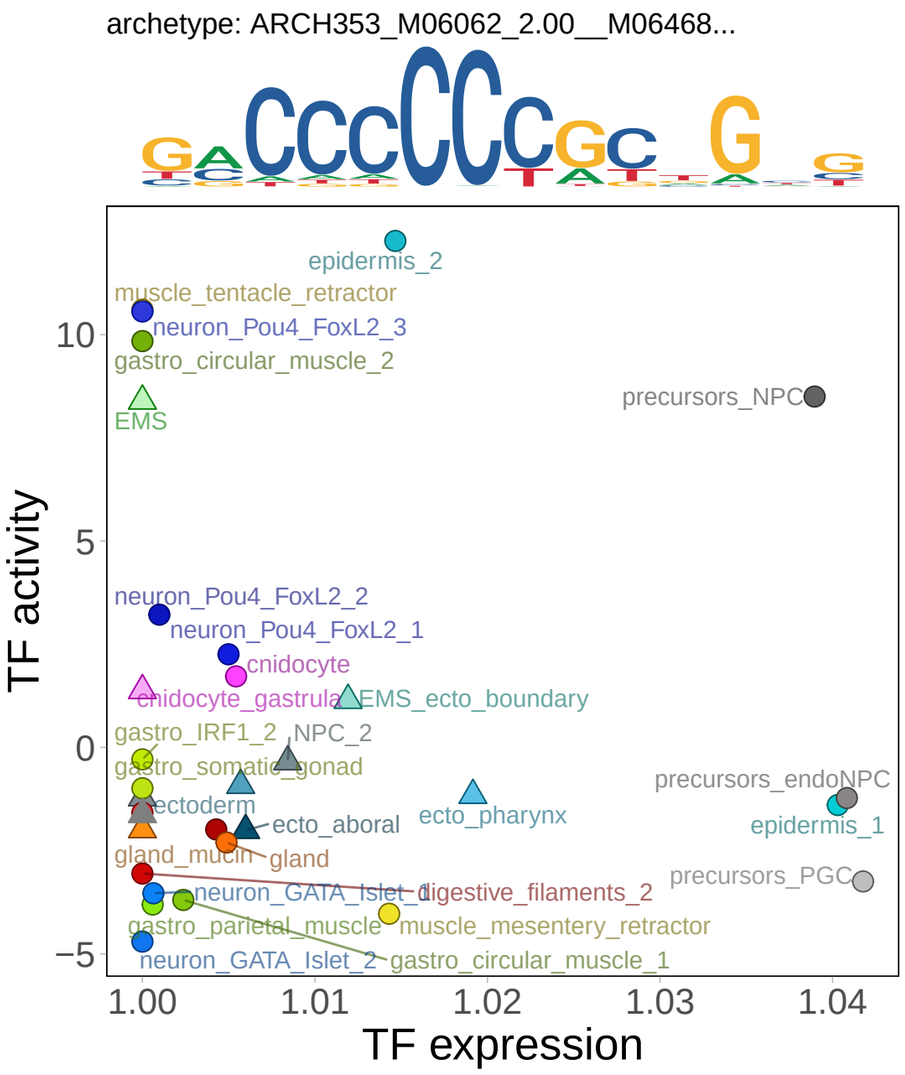
Nvec_vc1.1_XM_048723108.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2



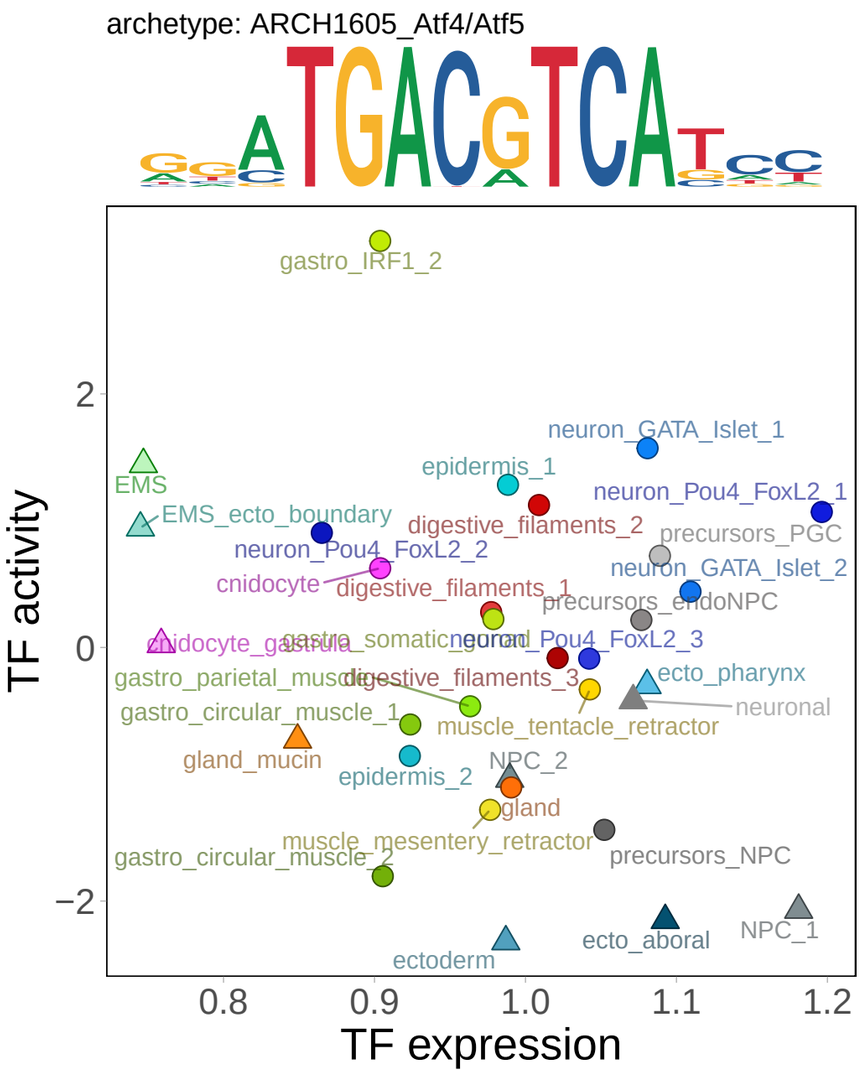
Nvec_vc1.1_XM_048723109.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

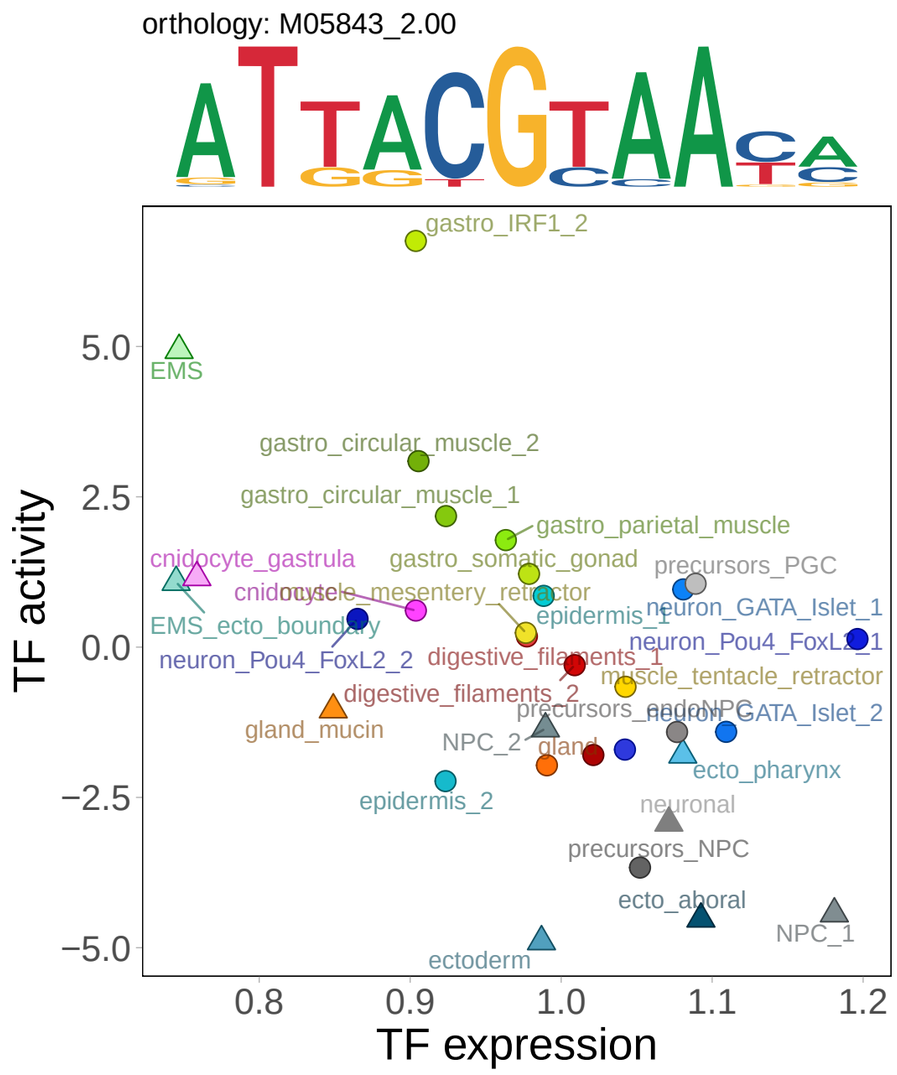


Nvec_vc1.1_XM_048723111.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



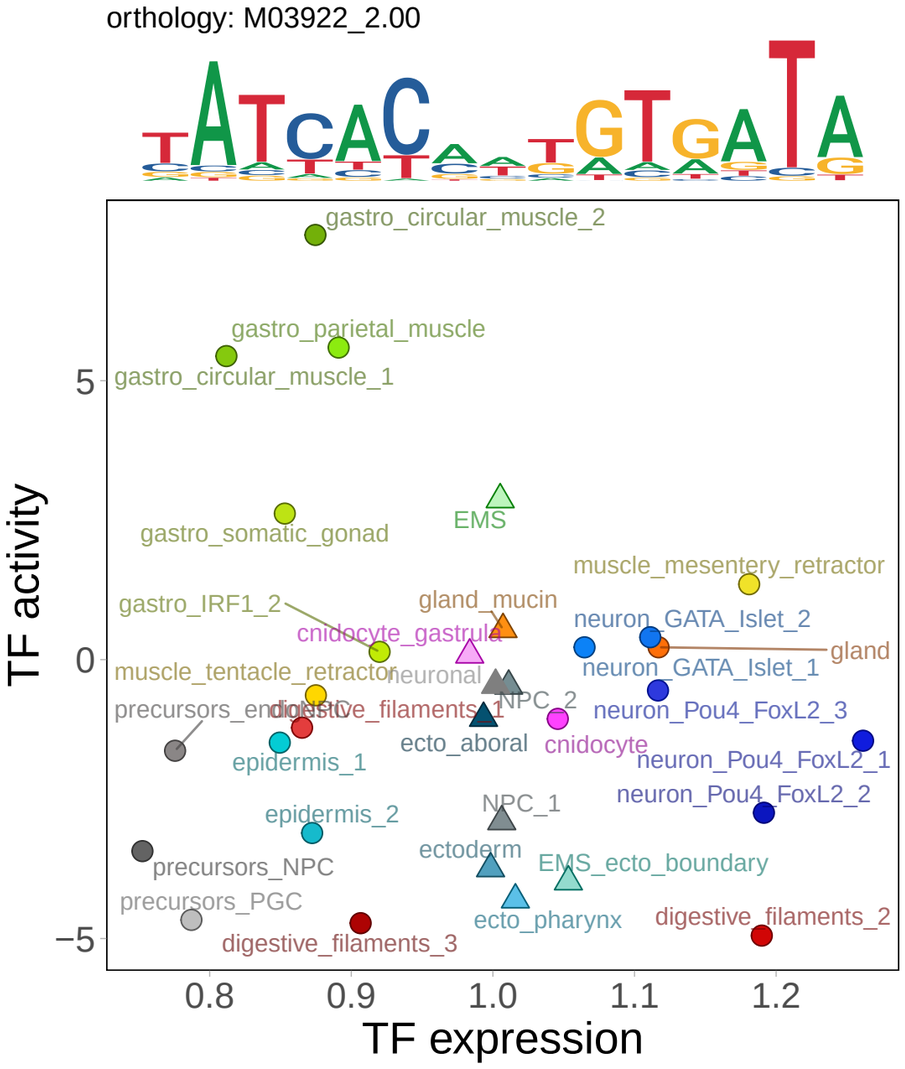
Nvec_vc1.1_XM_048723364.1
OG: bZIP.HG2.0:like:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG
PFAM: bZIP_2



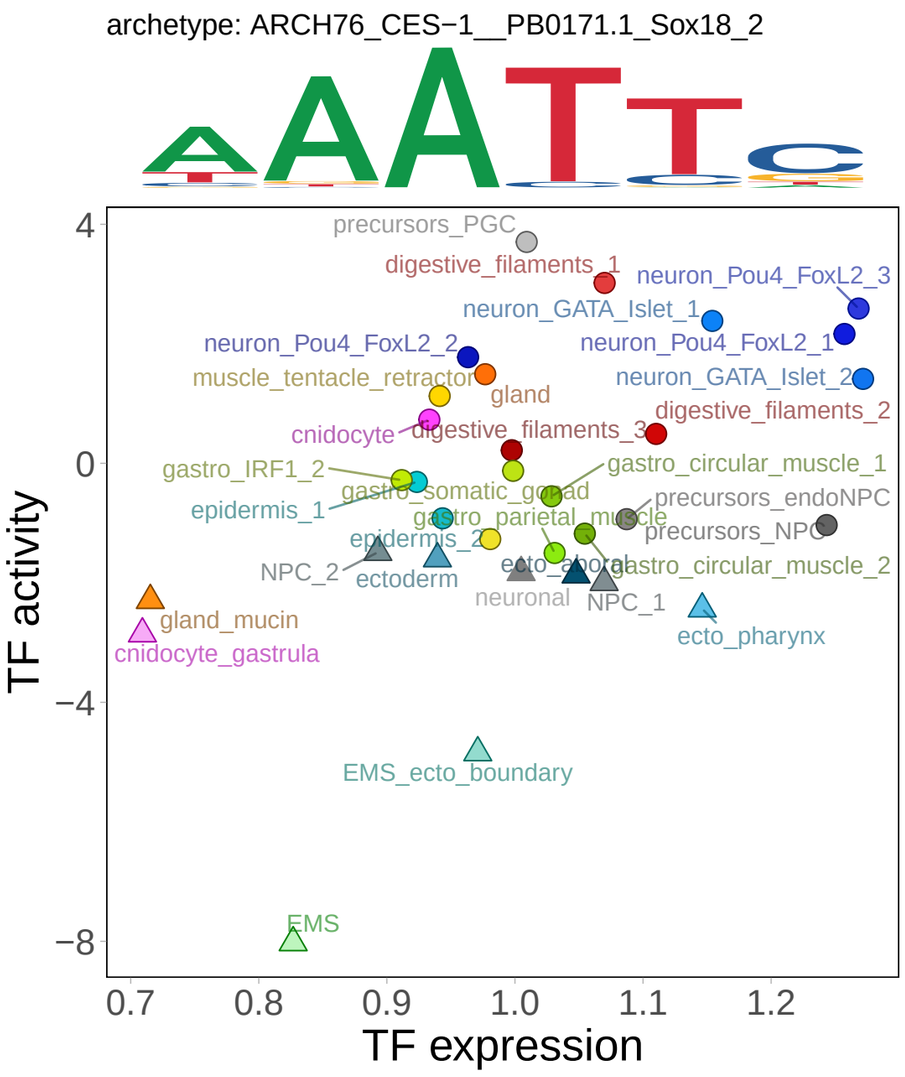


Nvec_vc1.1_XM_048723524.1
OG: NFX1_ZF.HG1.1:NFX1
PFAM: zf−NF−X1/zf−NF−X1/zf−NF−X1/zf−NF−X1/zf−NF−X1/zf−NF−X1/zf−NF−X1/R3H

orthology: M03922_2.00

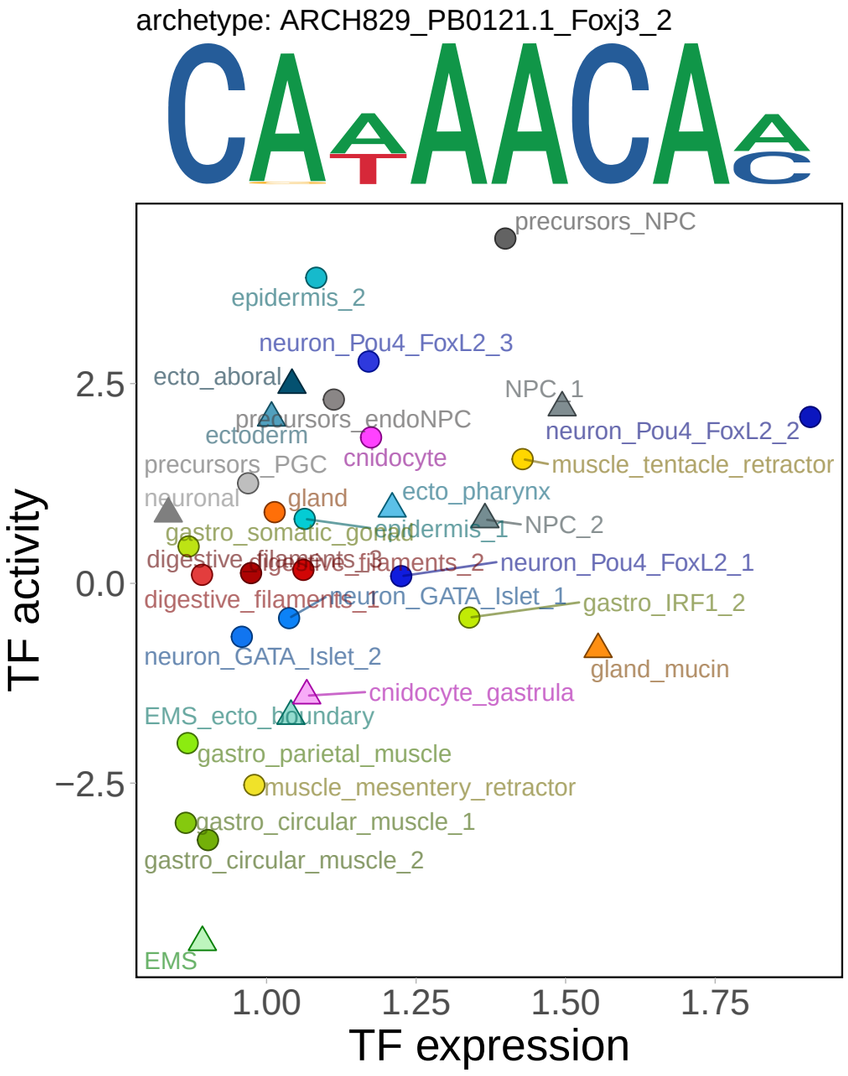


Nvec_vc1.1_XM_048723770.1
OG: HMGbox_Sox.HG1.49:SMARCE1
PFAM: HMG_box

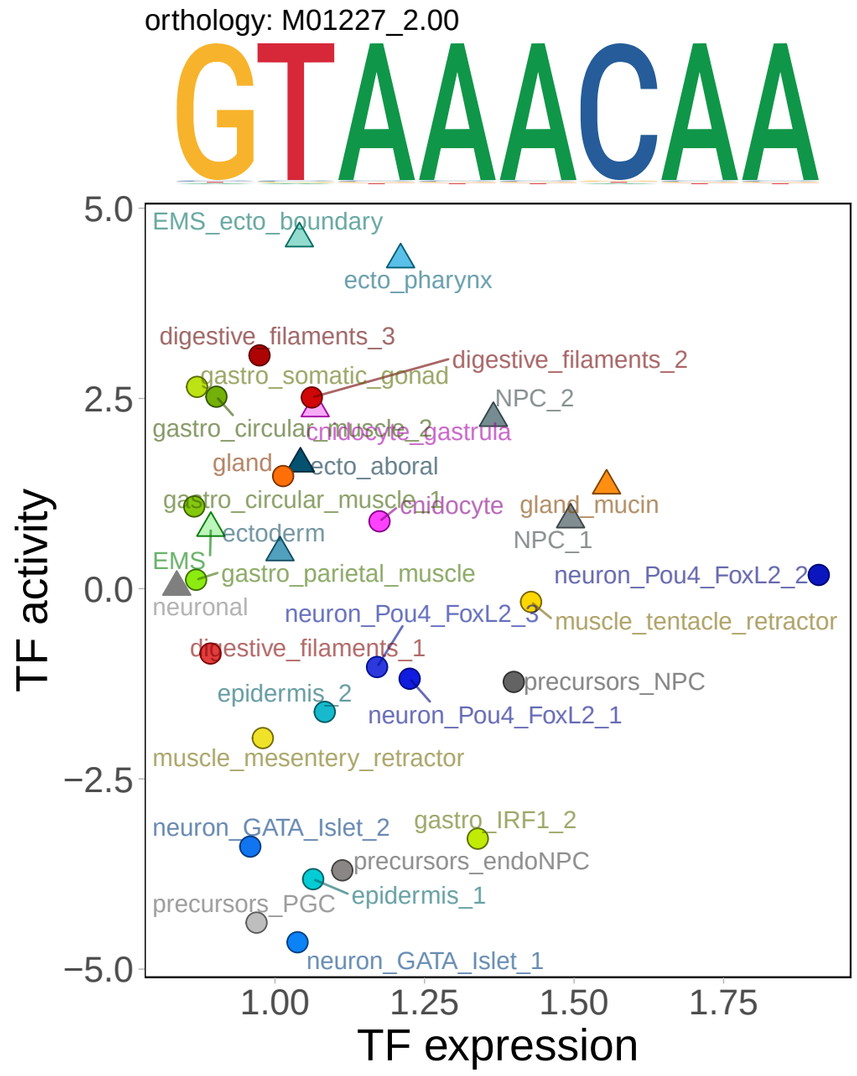


Nvec_vc1.1_XM_048723945.1
OG: Forkhead.HG1.16:FOXN2/FOXN3
PFAM: Forkhead

archetype: ARCH829_PB0121.1_Foxj3_2



orthology: M01227_2.00



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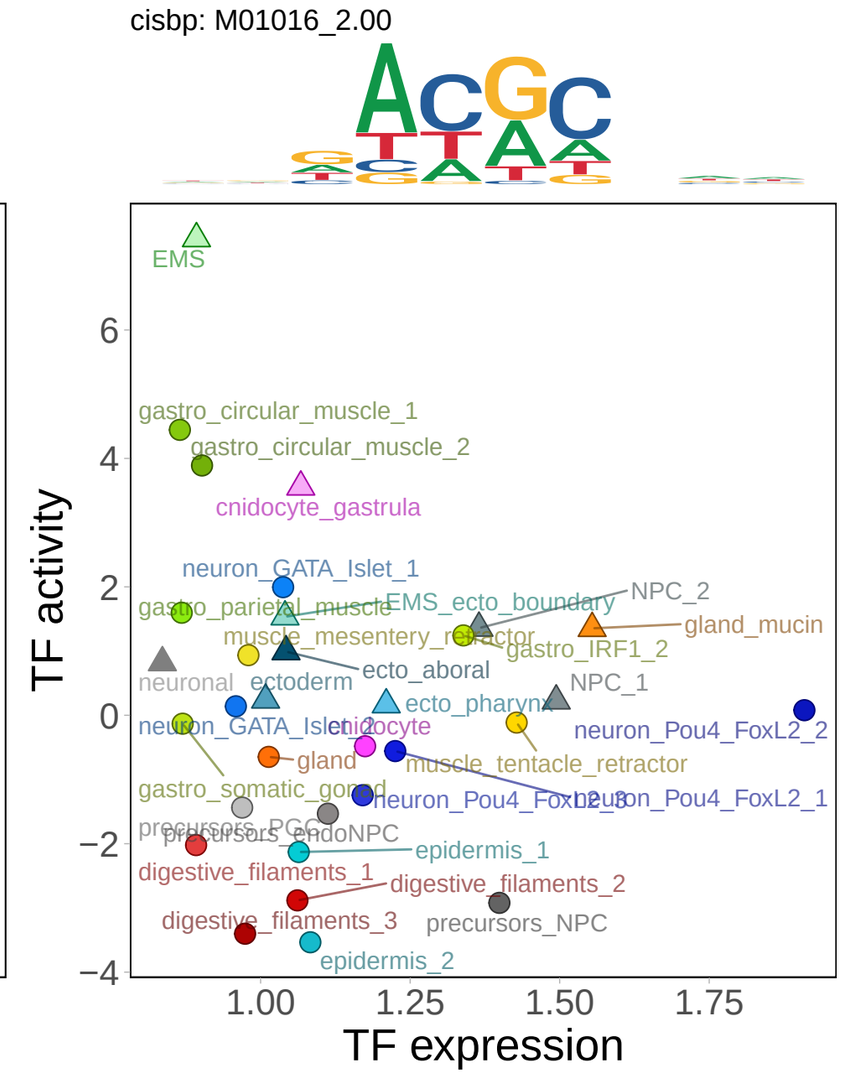
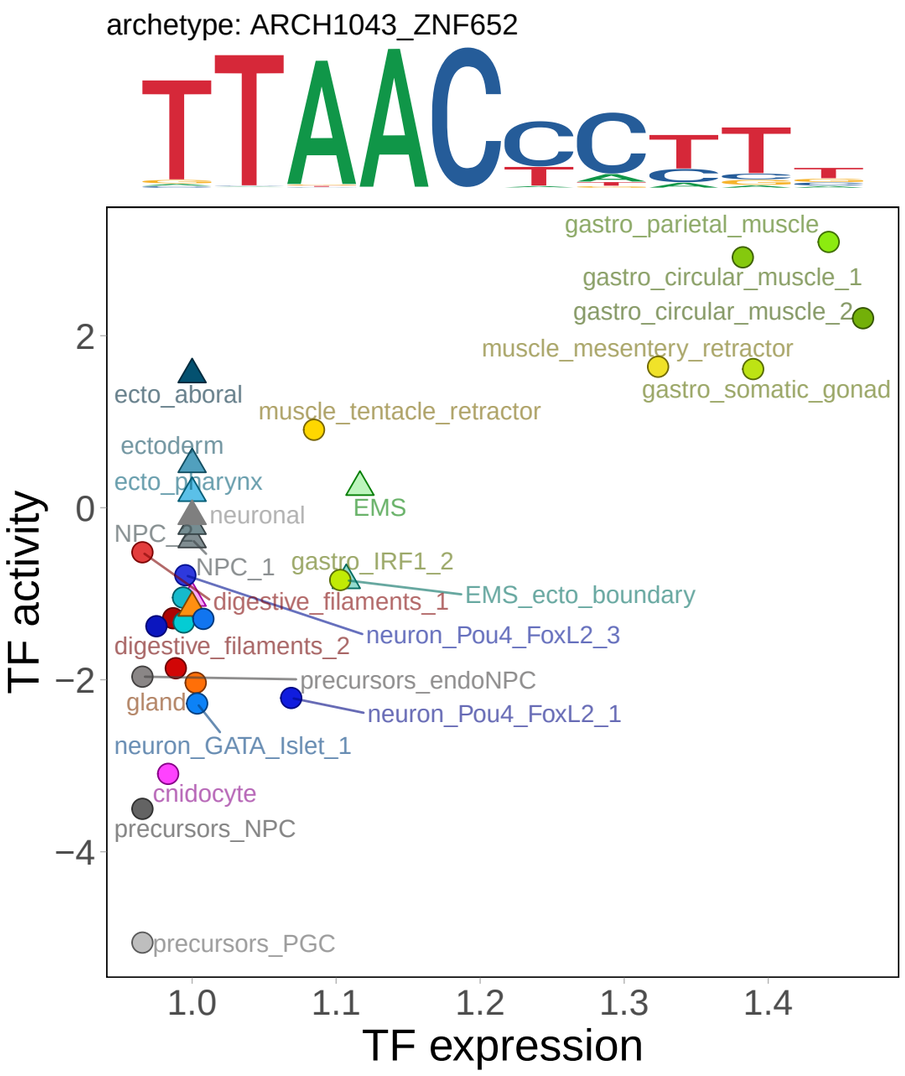
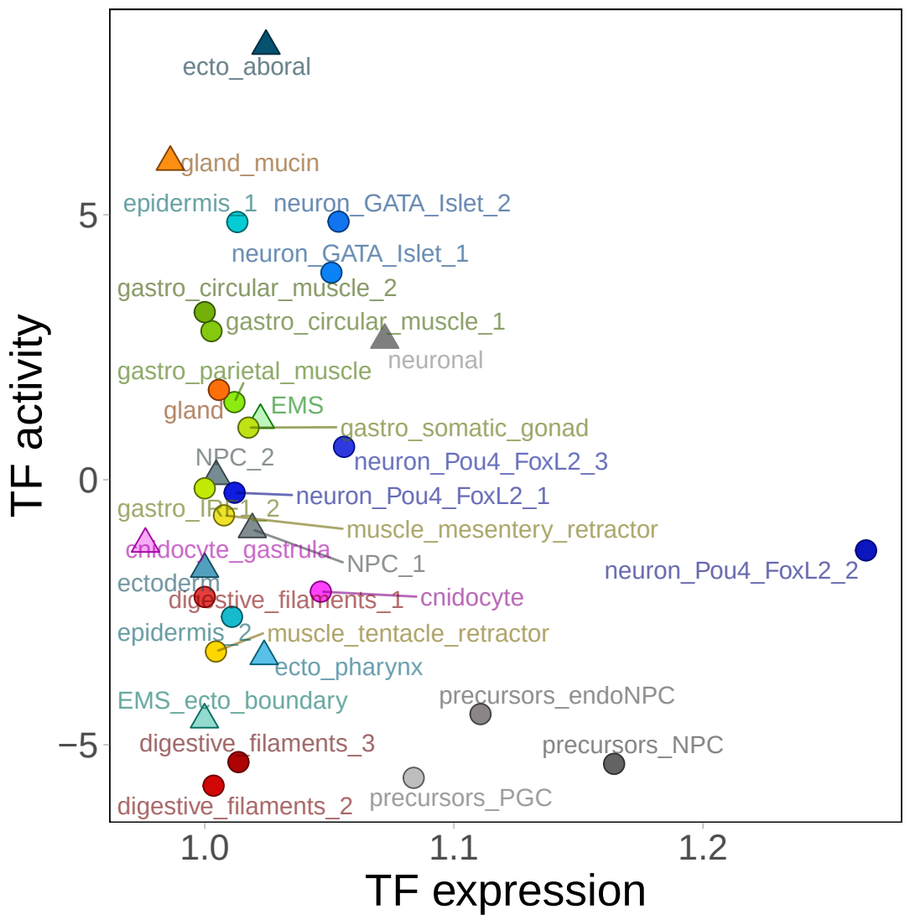


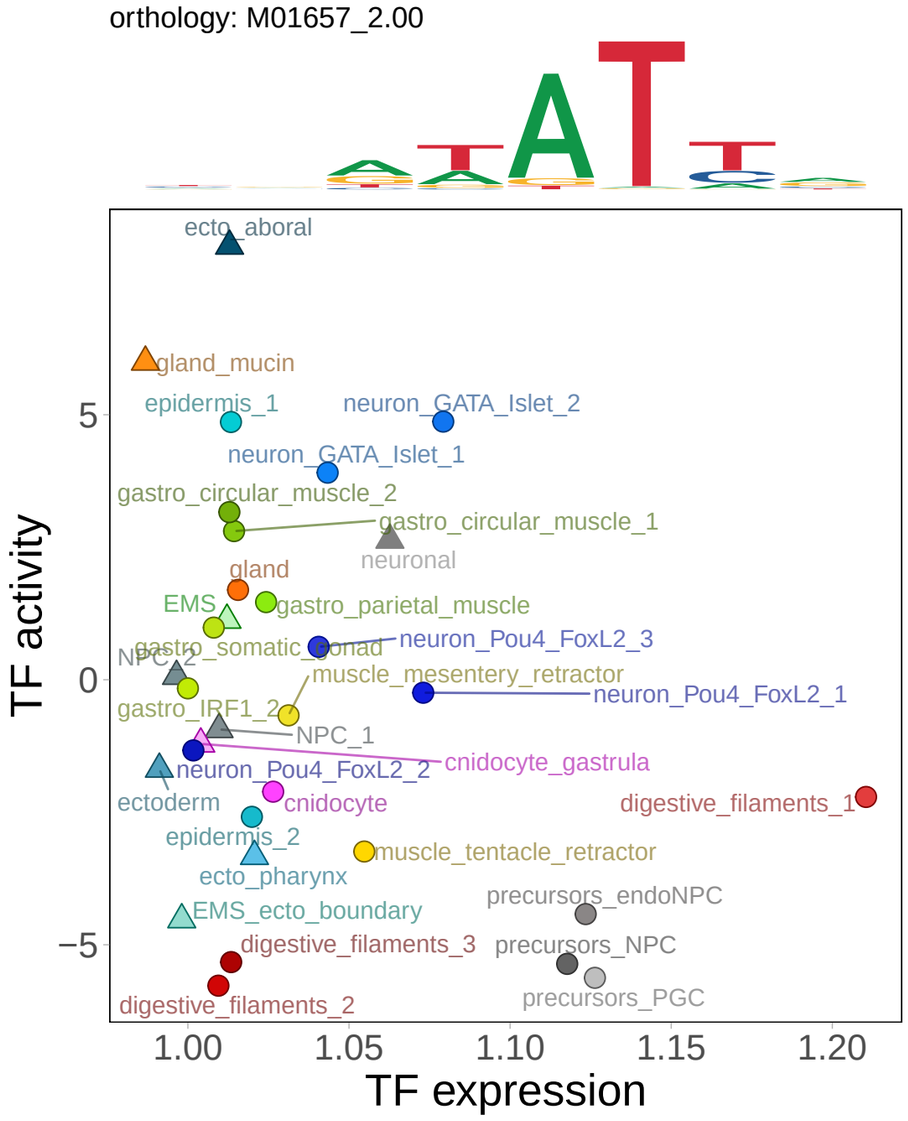
Nvec_vc1.1_XM_048724012.1
OG: zf−C2H2.HG4.10:GLI1/GLI2/GLI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2



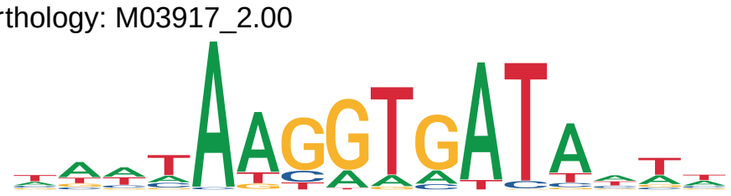
orthology: M01657_2.00

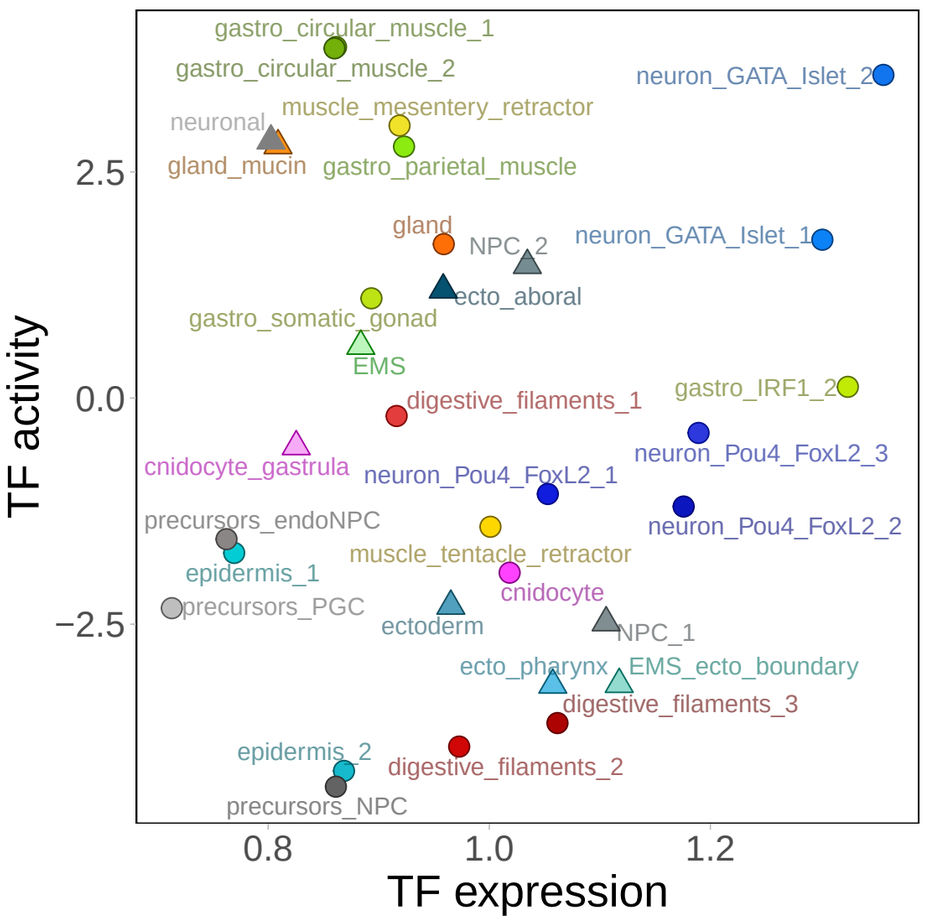


orthology: M01657_2.00

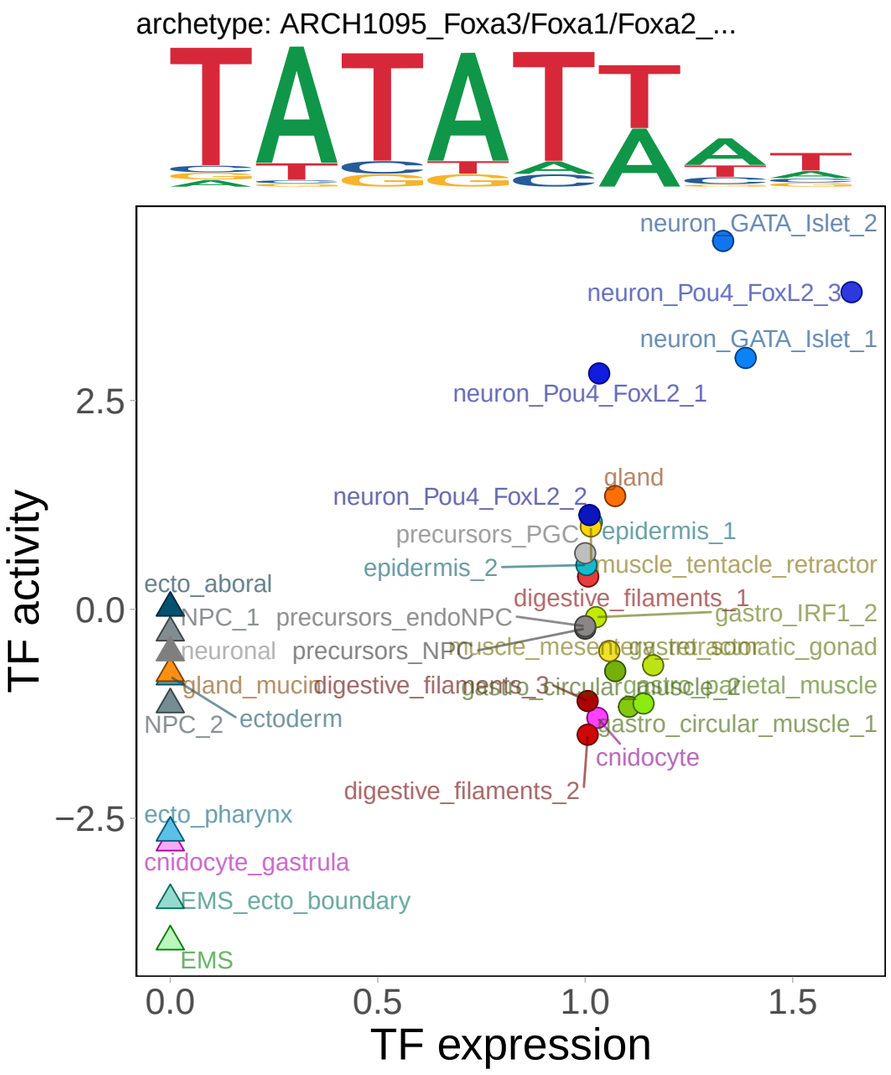


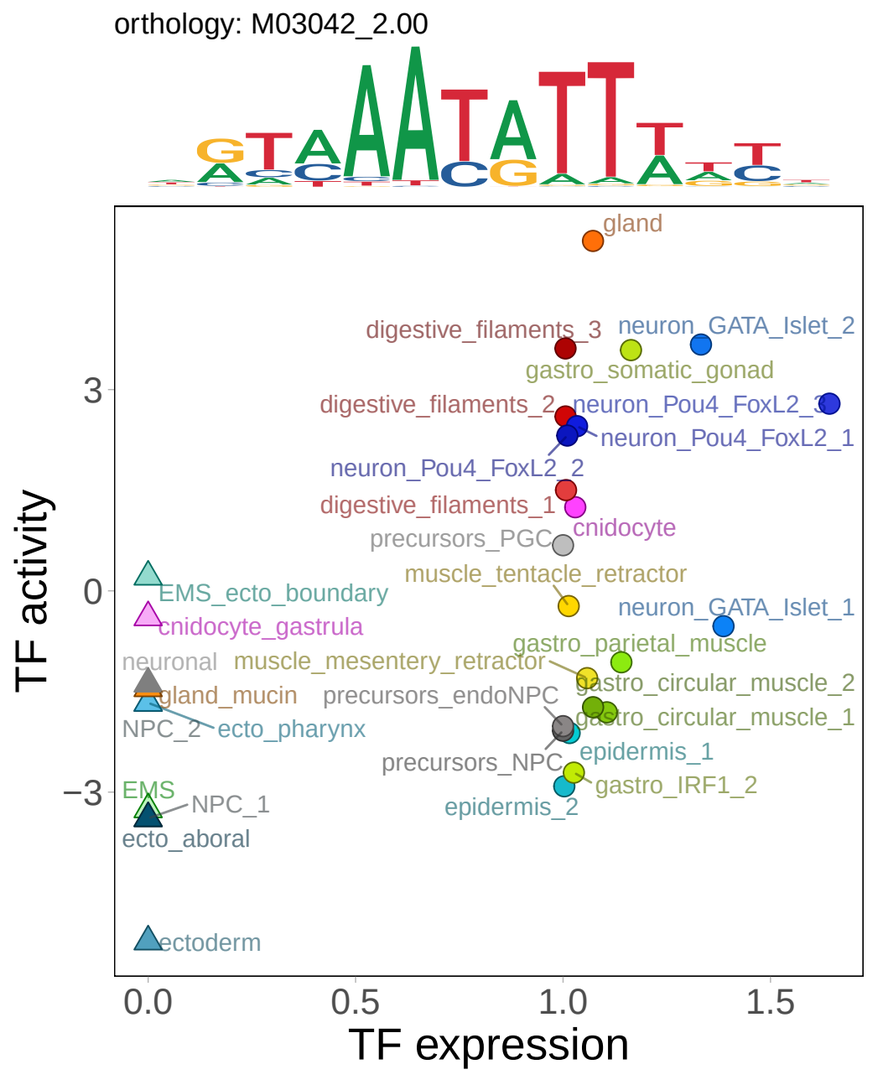
orthology: M03917_2.00



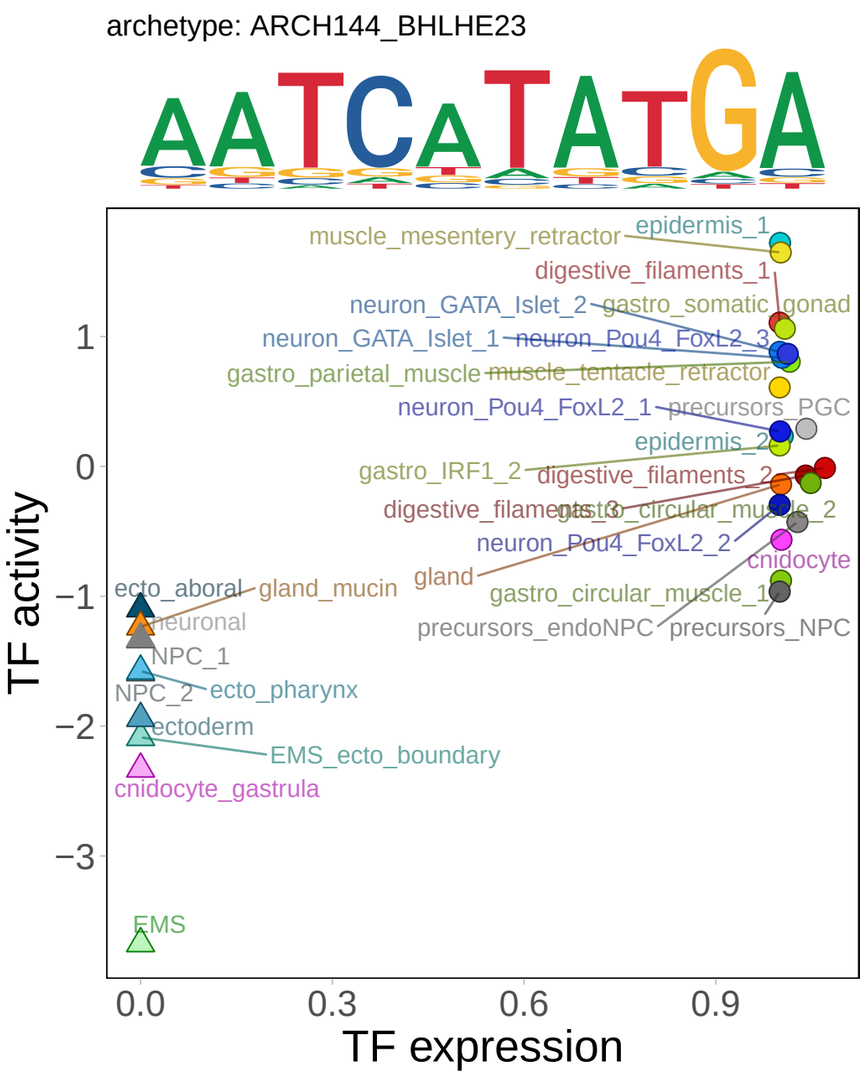


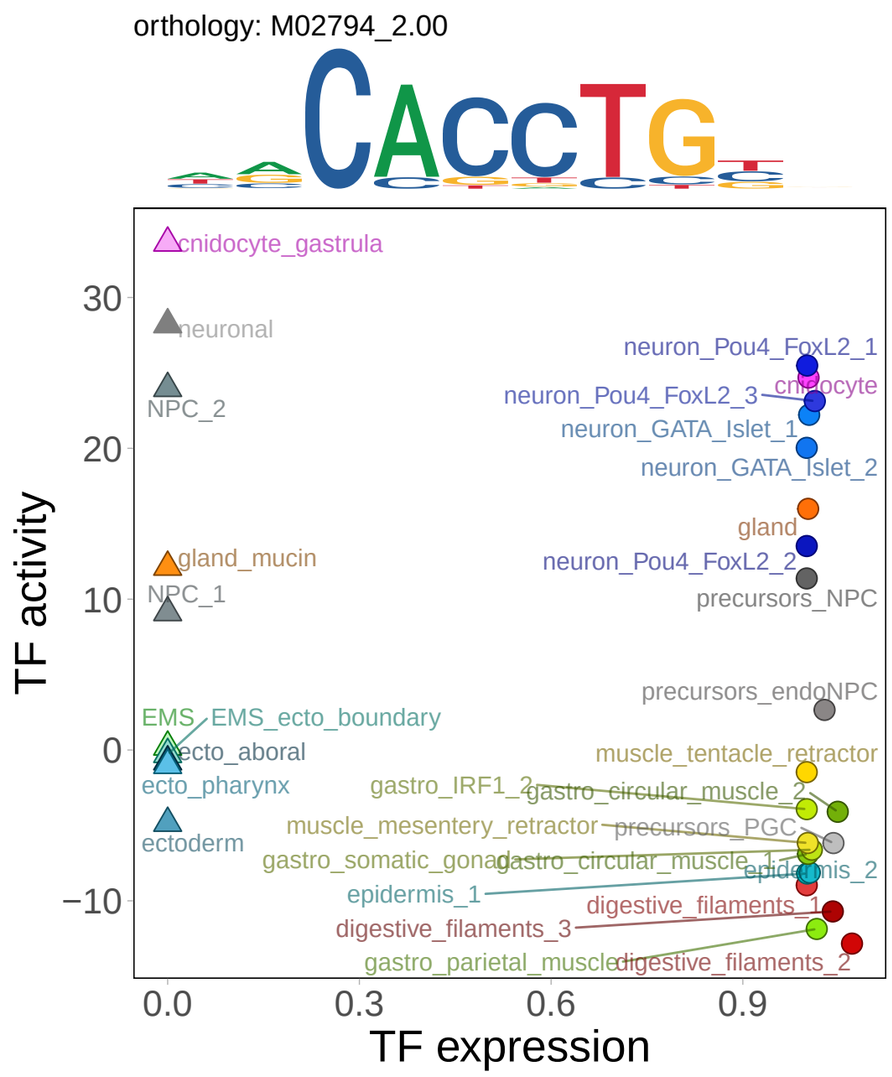
Nvec_vc1.1_XM_048724319.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/FOXD4/FOXD4L1/FO
PFAM: Forkhead



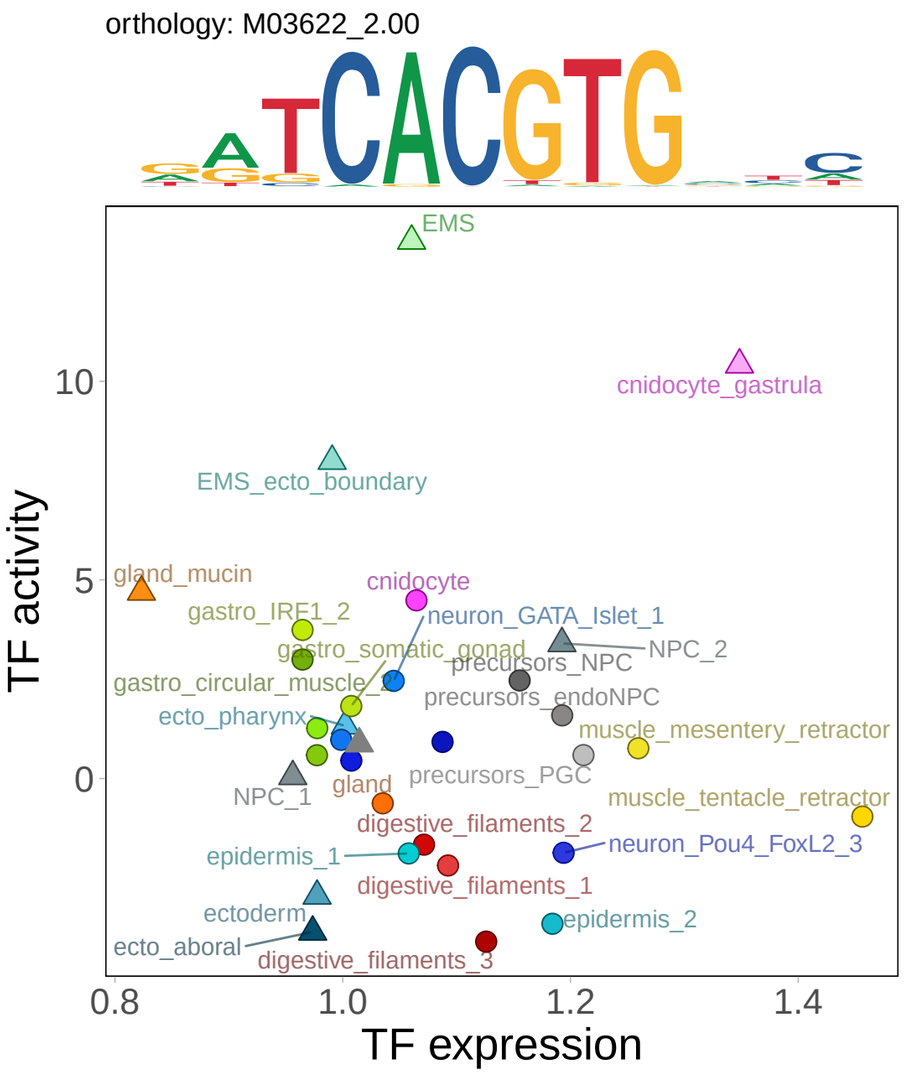


Nvec_vc1.1_XM_048724372.1
OG: HLH.HG1.79:MESP1/MESP2/MSGN1
PFAM: HLH





Nvec_vc1.1_XM_048724387.1
OG: HLH.HG1.21:MLX
PFAM: HLH



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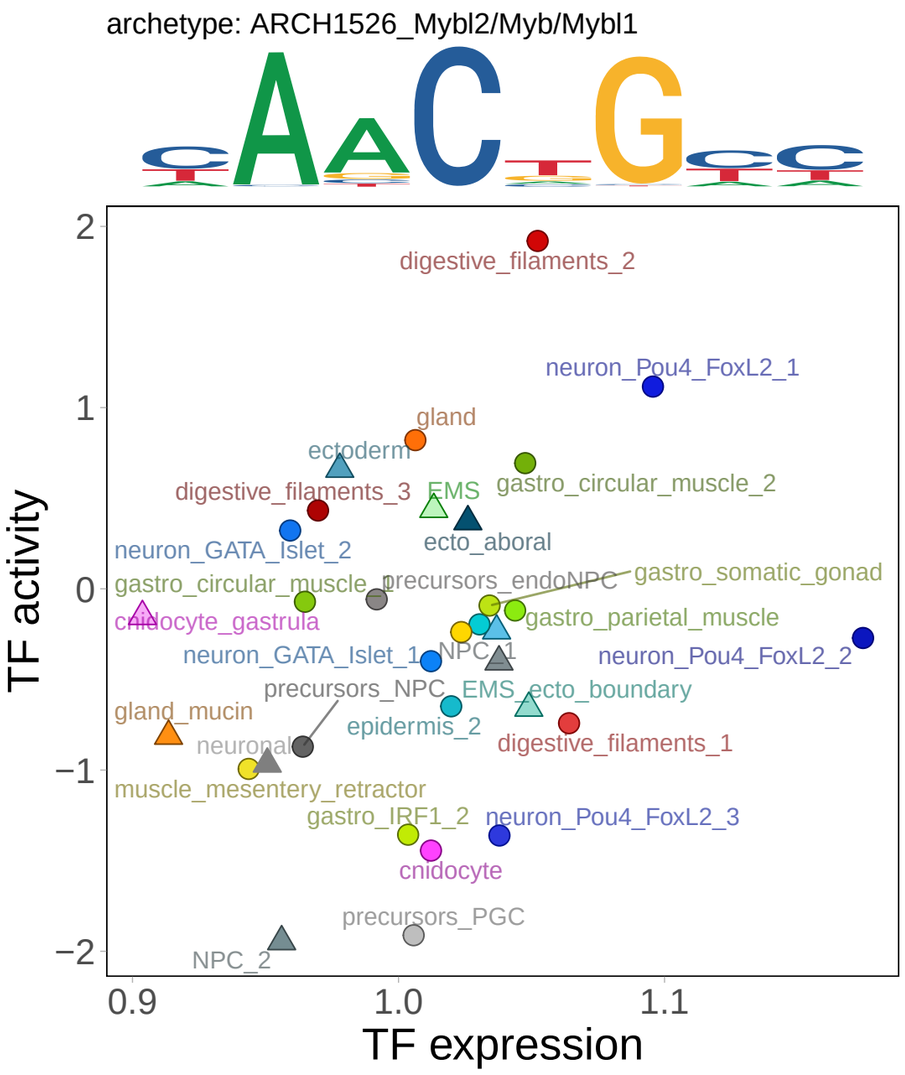
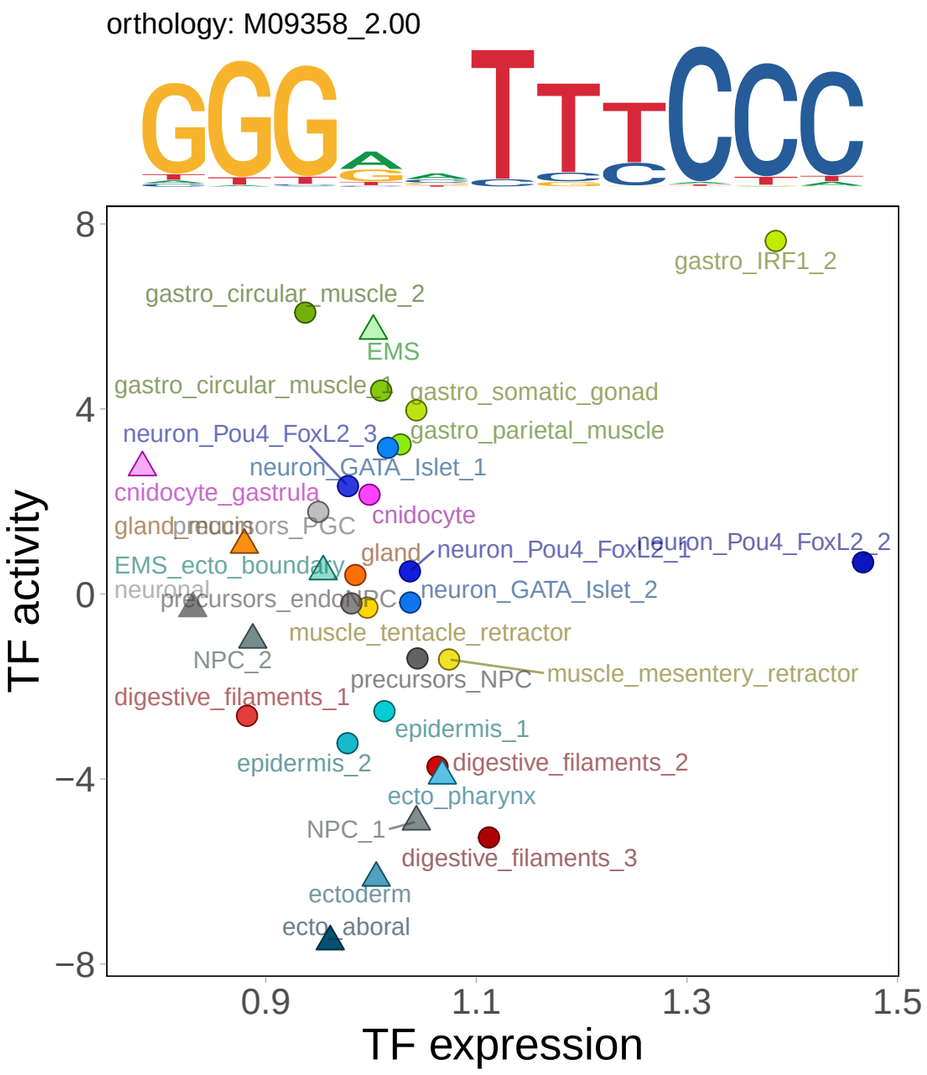
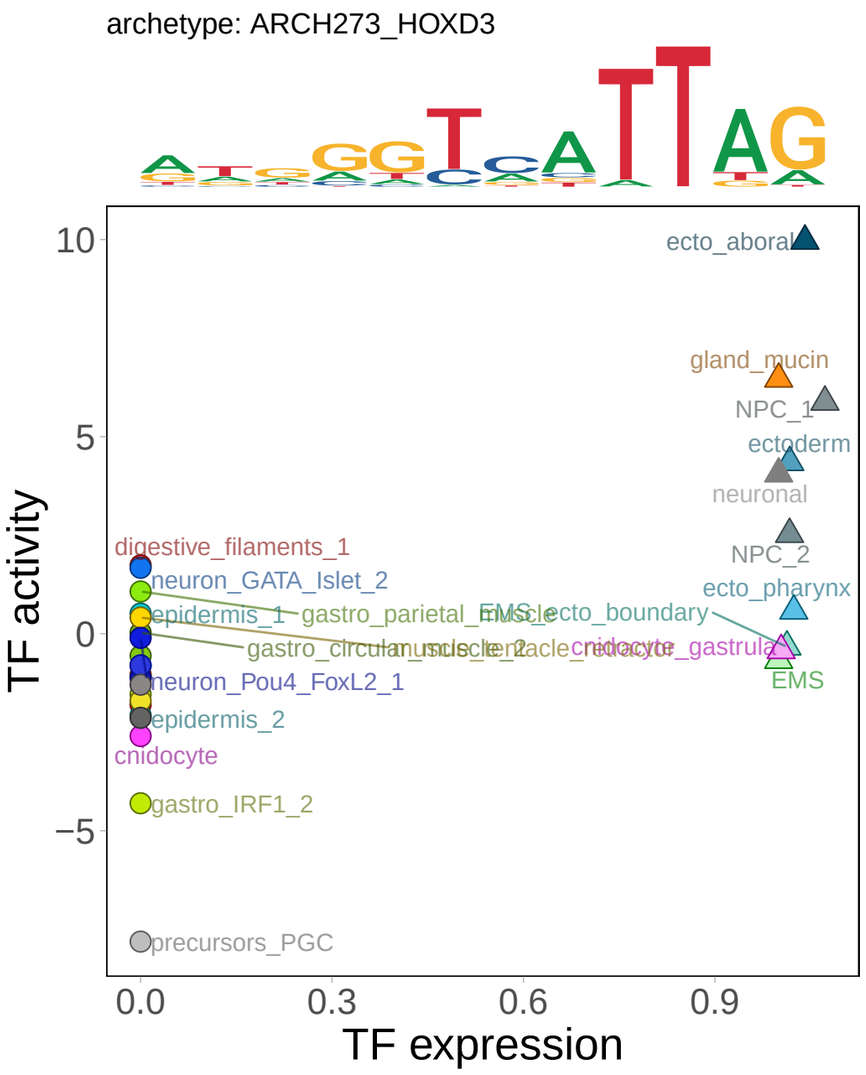
OG: Myb.HG6.0:BDP1
PFAM: Myb_DNA−bind_7

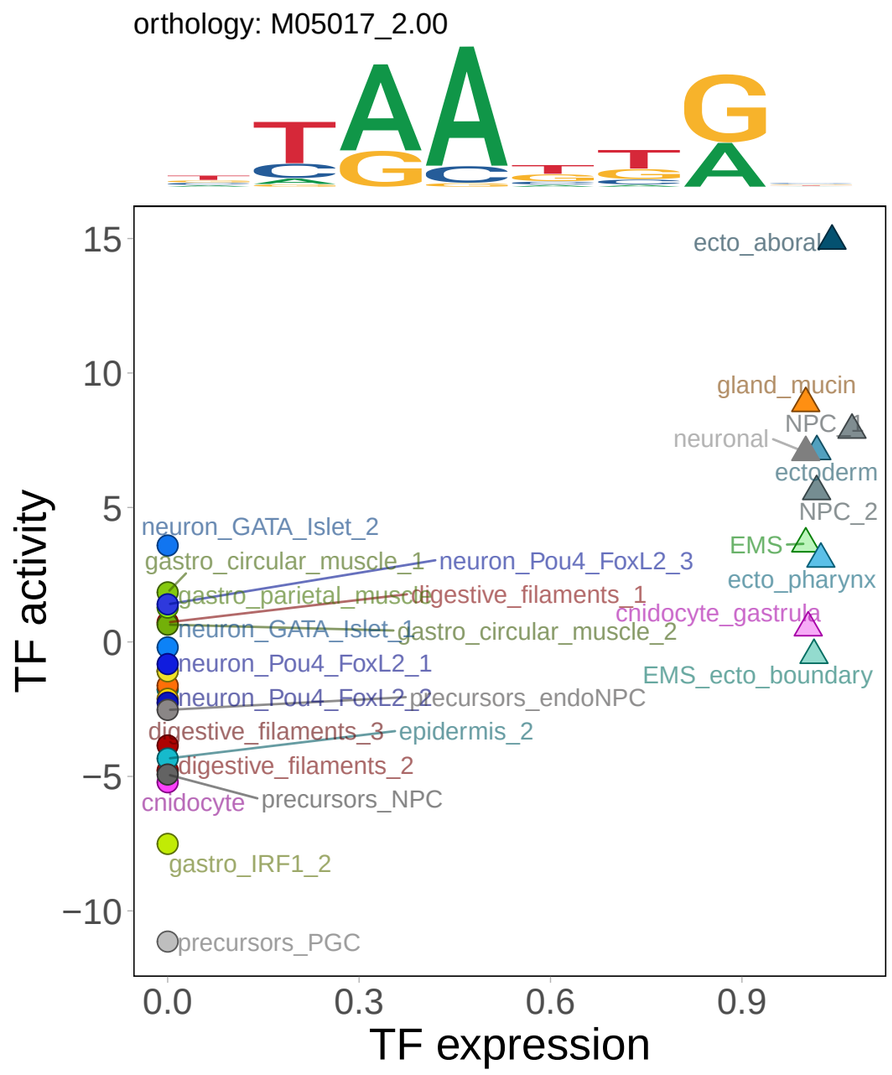


Nvec_vc1.1_XM_048724711.1
OG: RHD_Rel.HG1.3:NFKB1/NFKB2
PFAM: RHD_DNA_bind/RHD_dimer



Nvec_vc1.1_XM_048724756.1
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/
PFAM: Homeodomain





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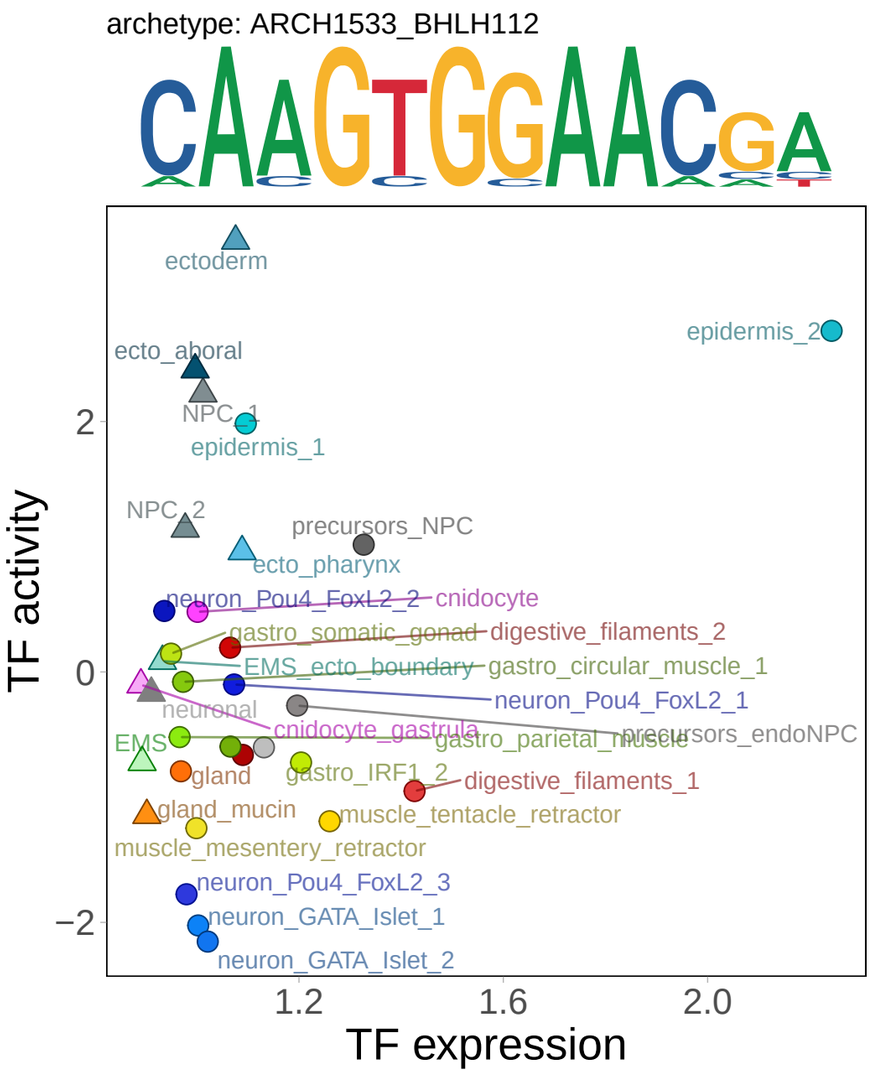
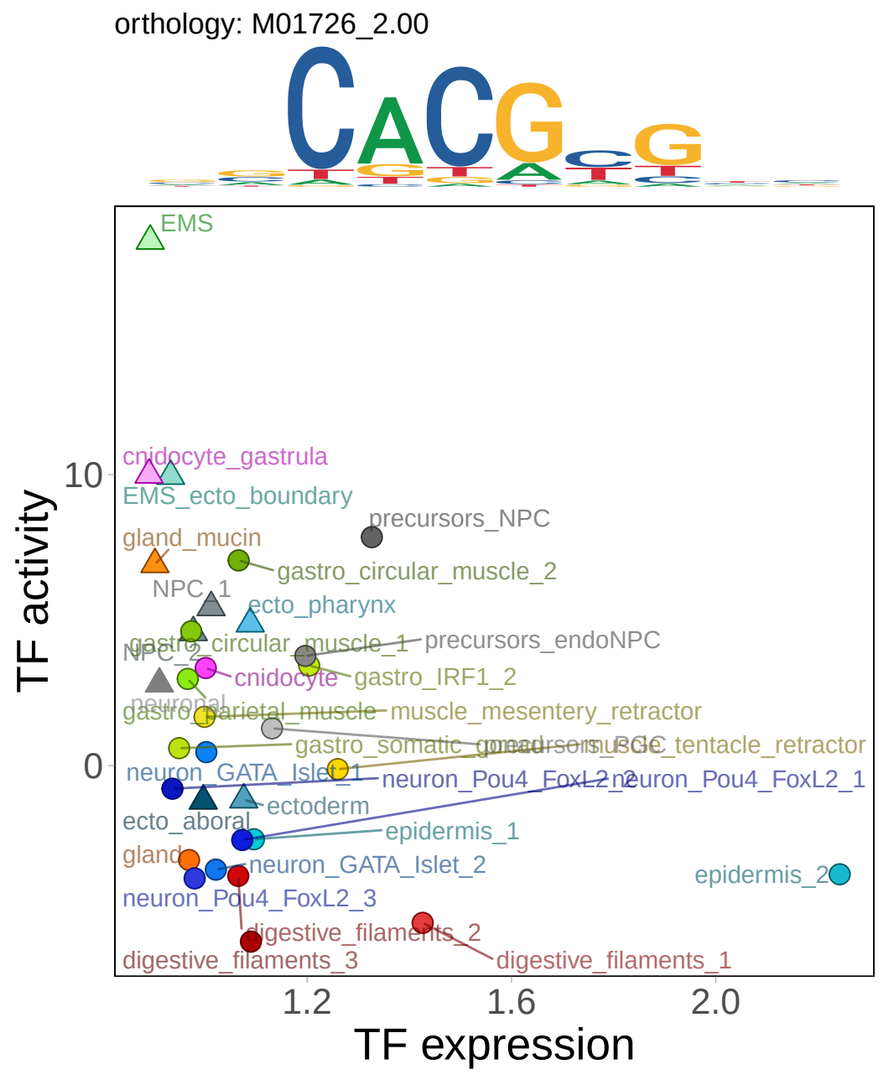
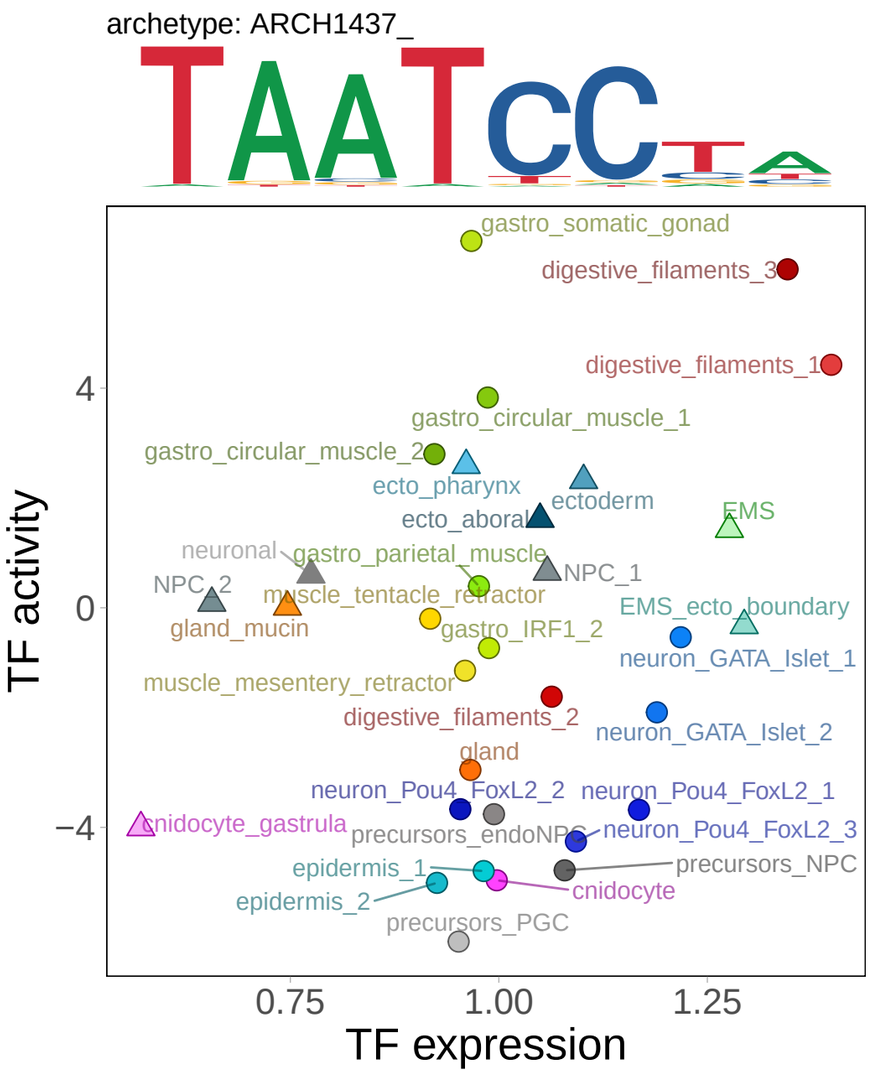
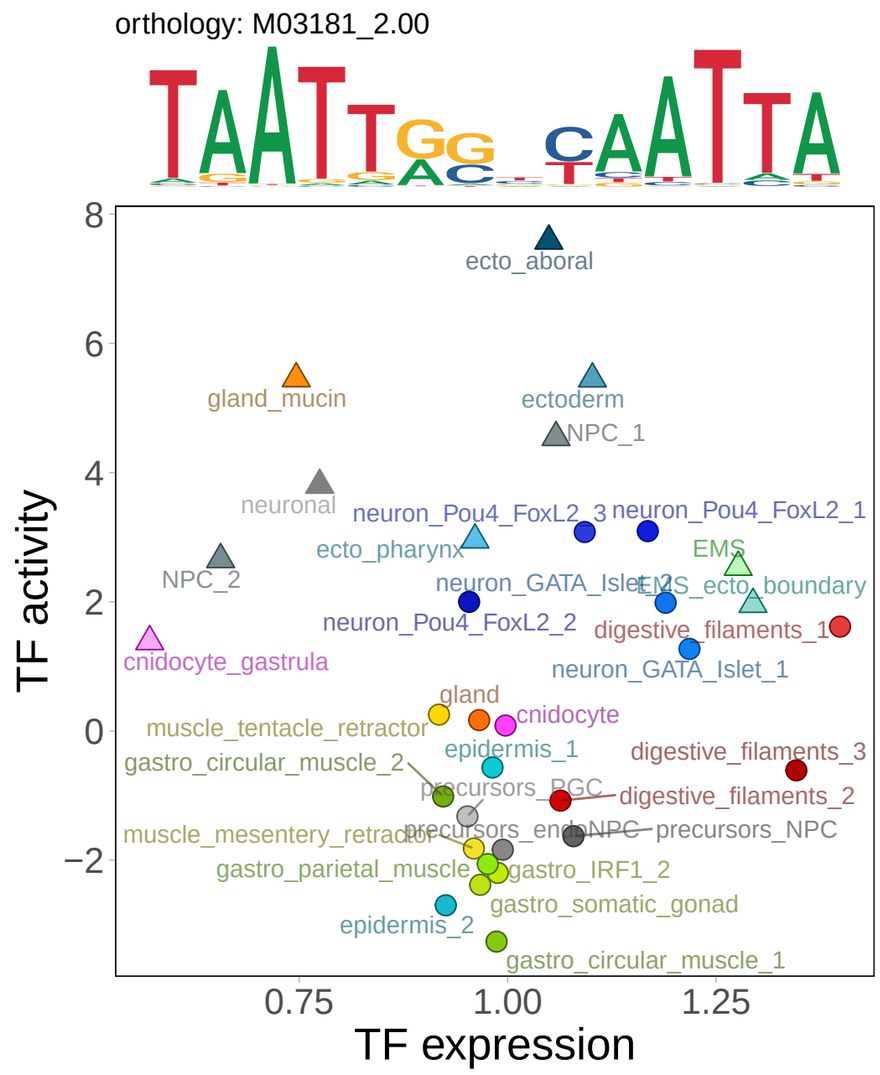
OG: HLH.HG1.107:like:HES5/HES7
PFAM: HLH



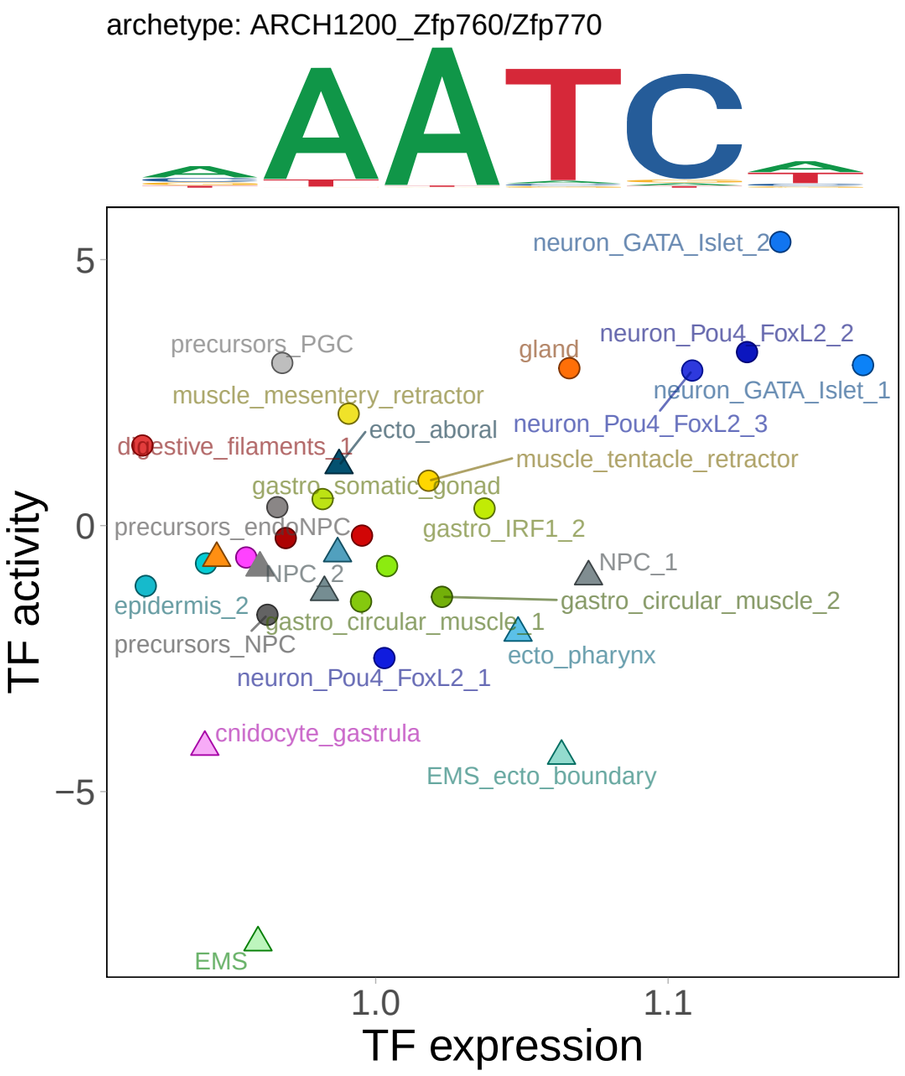


Nvec_vc1.1_XM_048724840.1
OG: Homeodomains.HG1.11:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/BARX2/BSX/CDX1/C
PFAM: Homeodomain

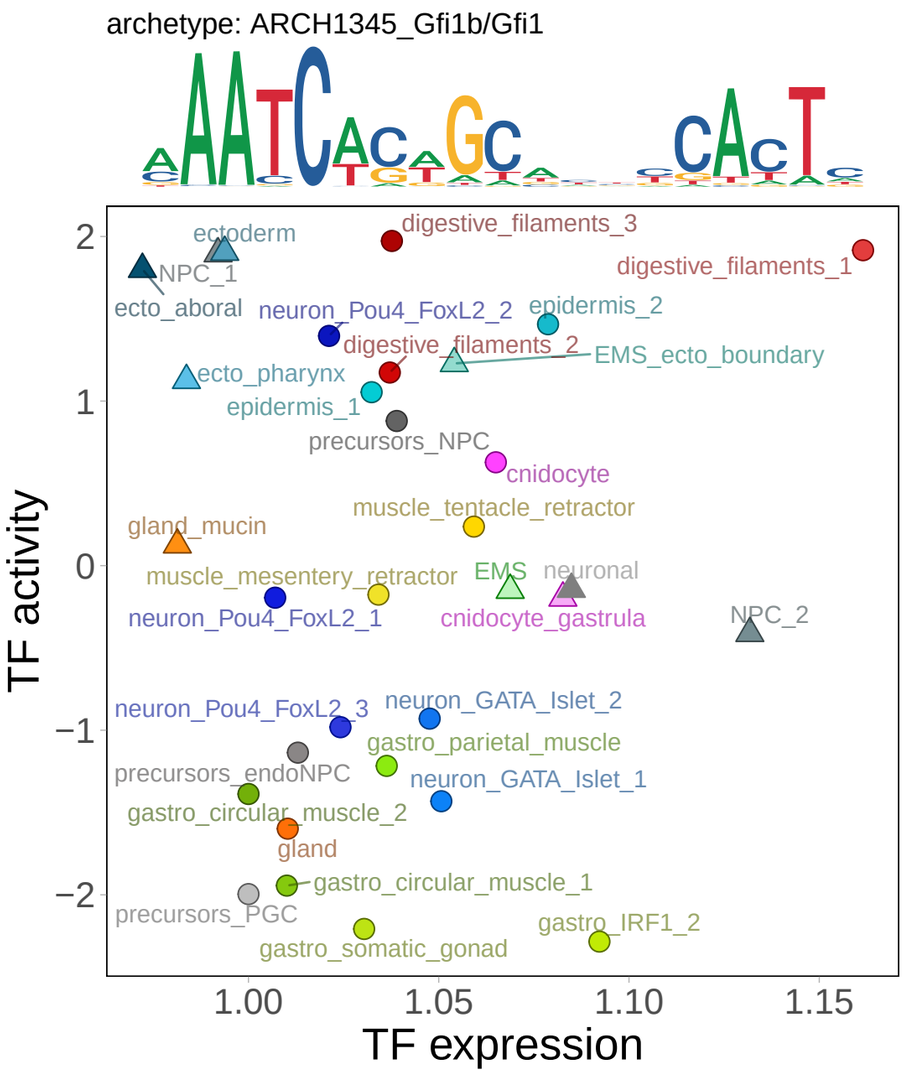




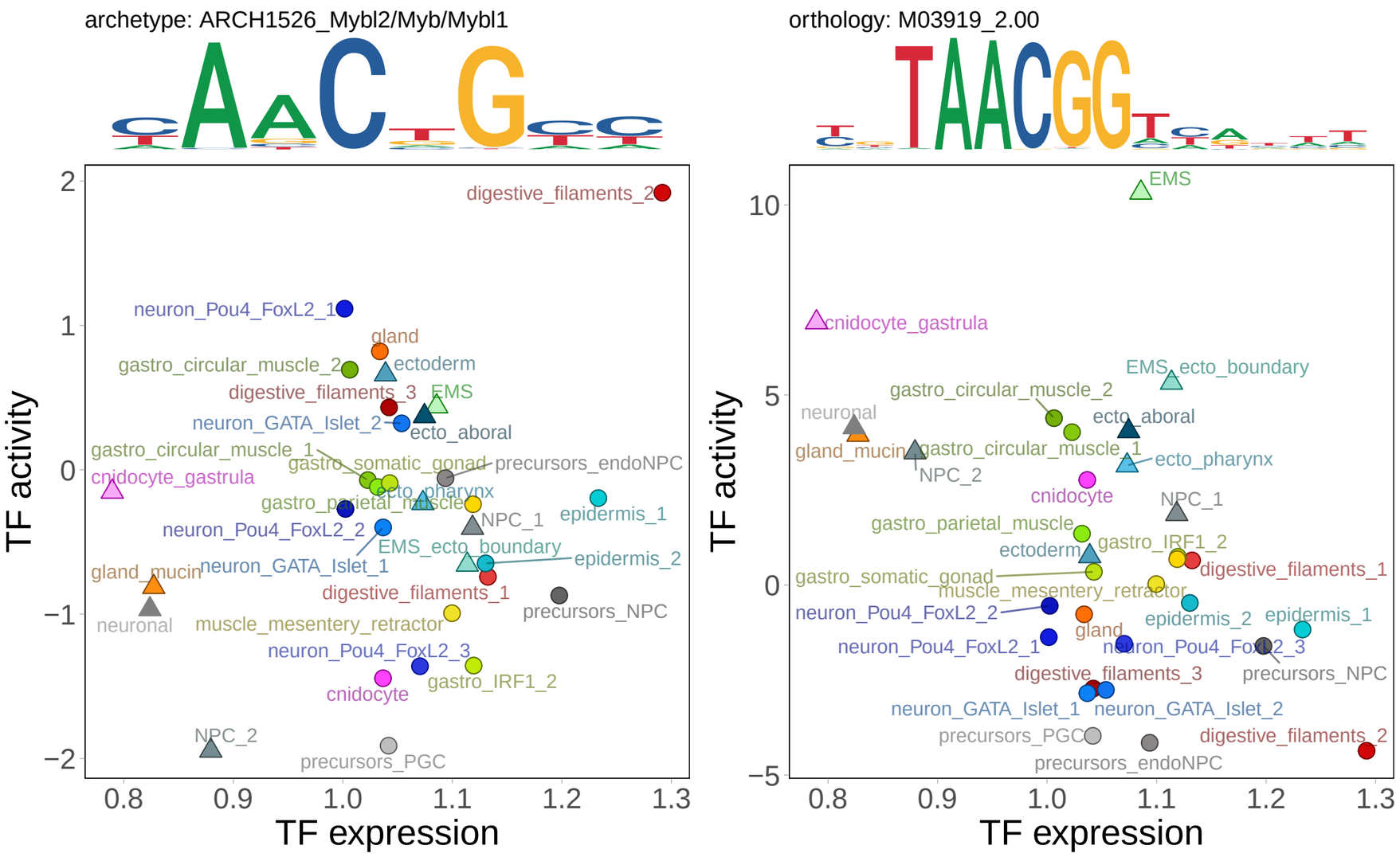
Nvec_vc1.1_XM_048725325.1
OG: zf−C2H2.HG1.1:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL11B
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



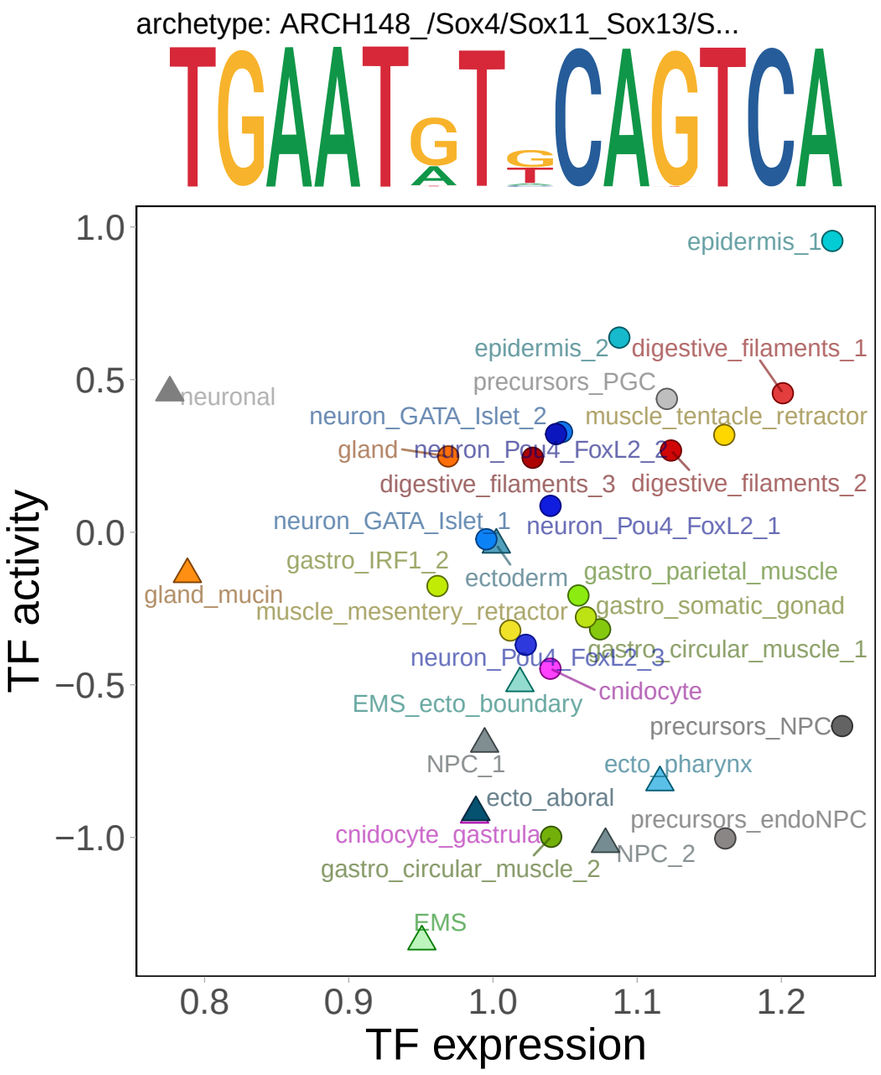
Nvec_vc1.1_XM_048725461.1
OG: zf−C2H2.HG1.72:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2

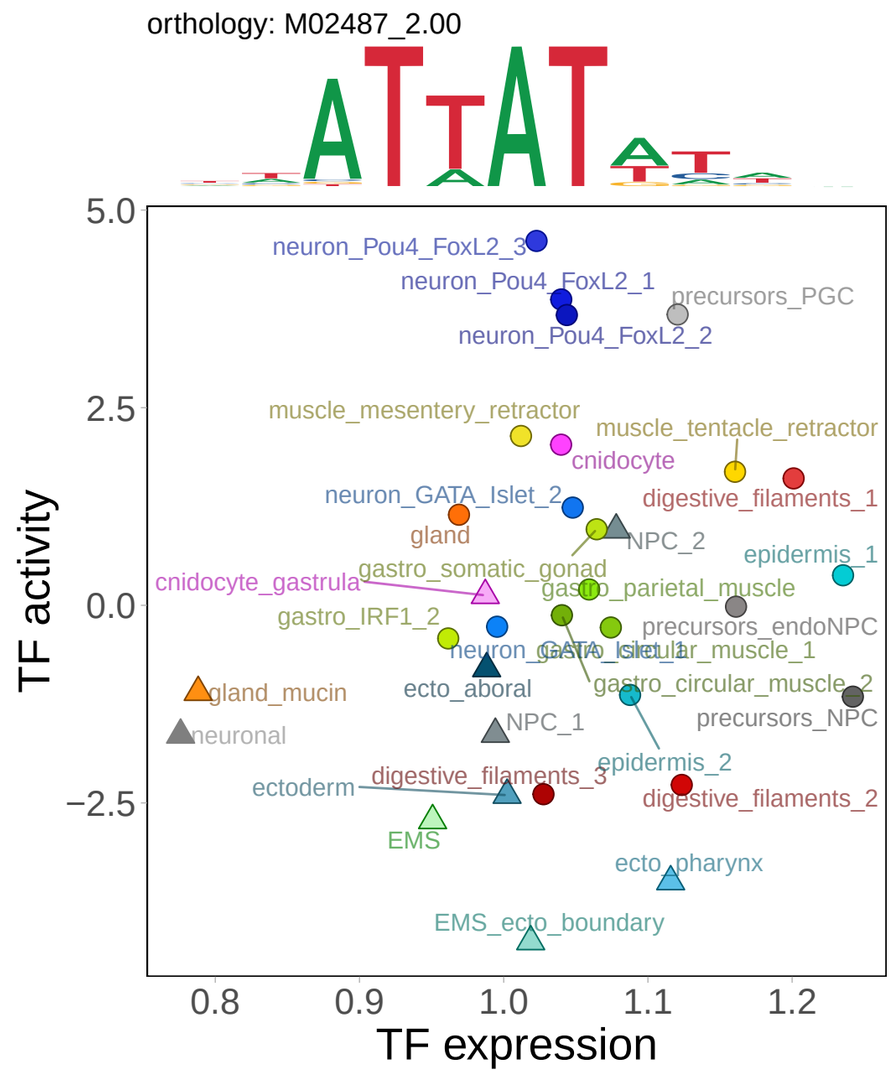


Nvec_vc1.1_XM_048725593.1
OG: Myb.HG1.3:MYB/MYBL1/MYBL2
PFAM: Myb_DNA−binding/Myb_DNA−bind_6/Cmyb_C

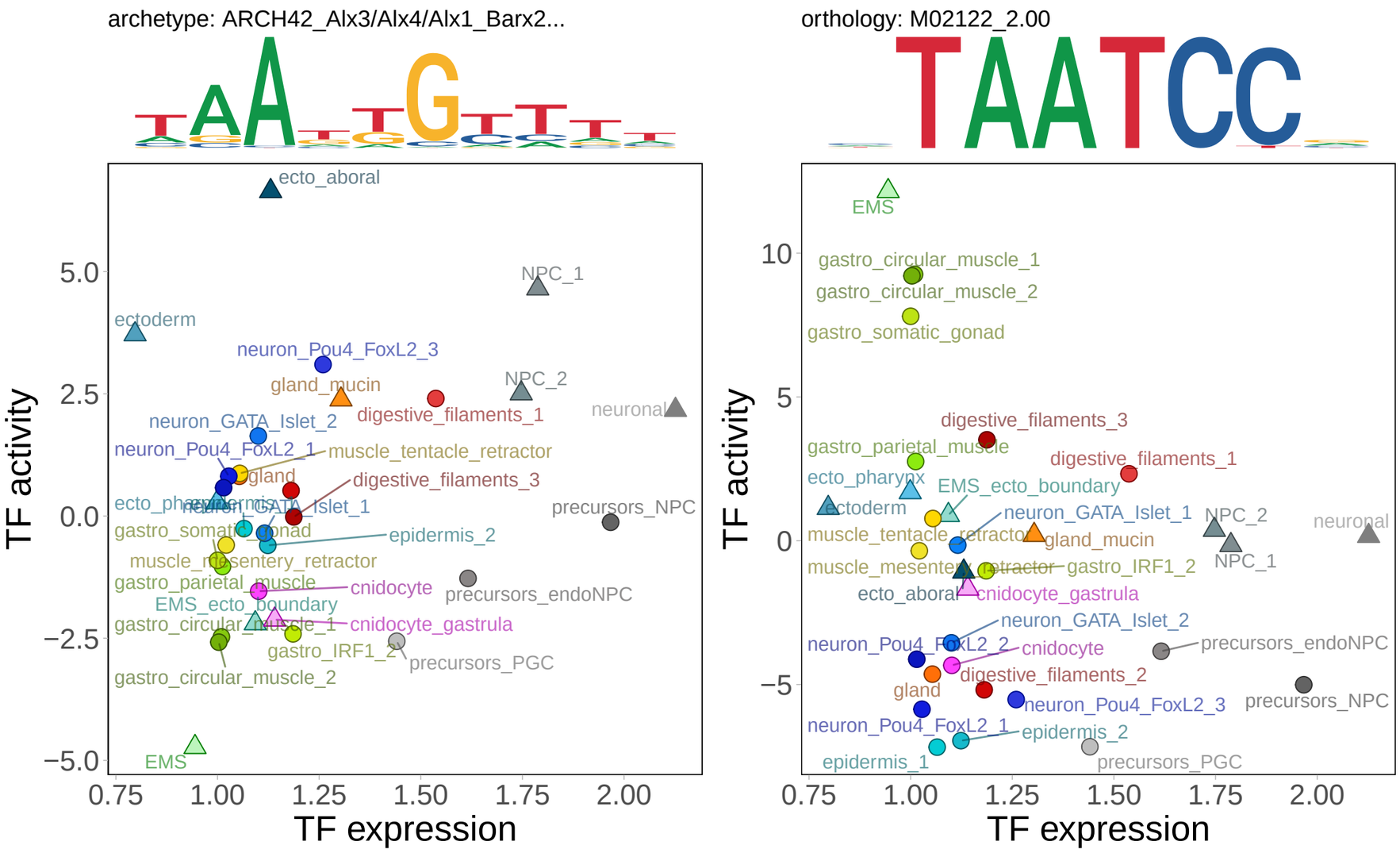


Nvec_vc1.1_XM_048725617.1
OG: HMGbox_Sox.HG1.57:like:HMG20A/HMG20B
PFAM: HMG_box/zf−met

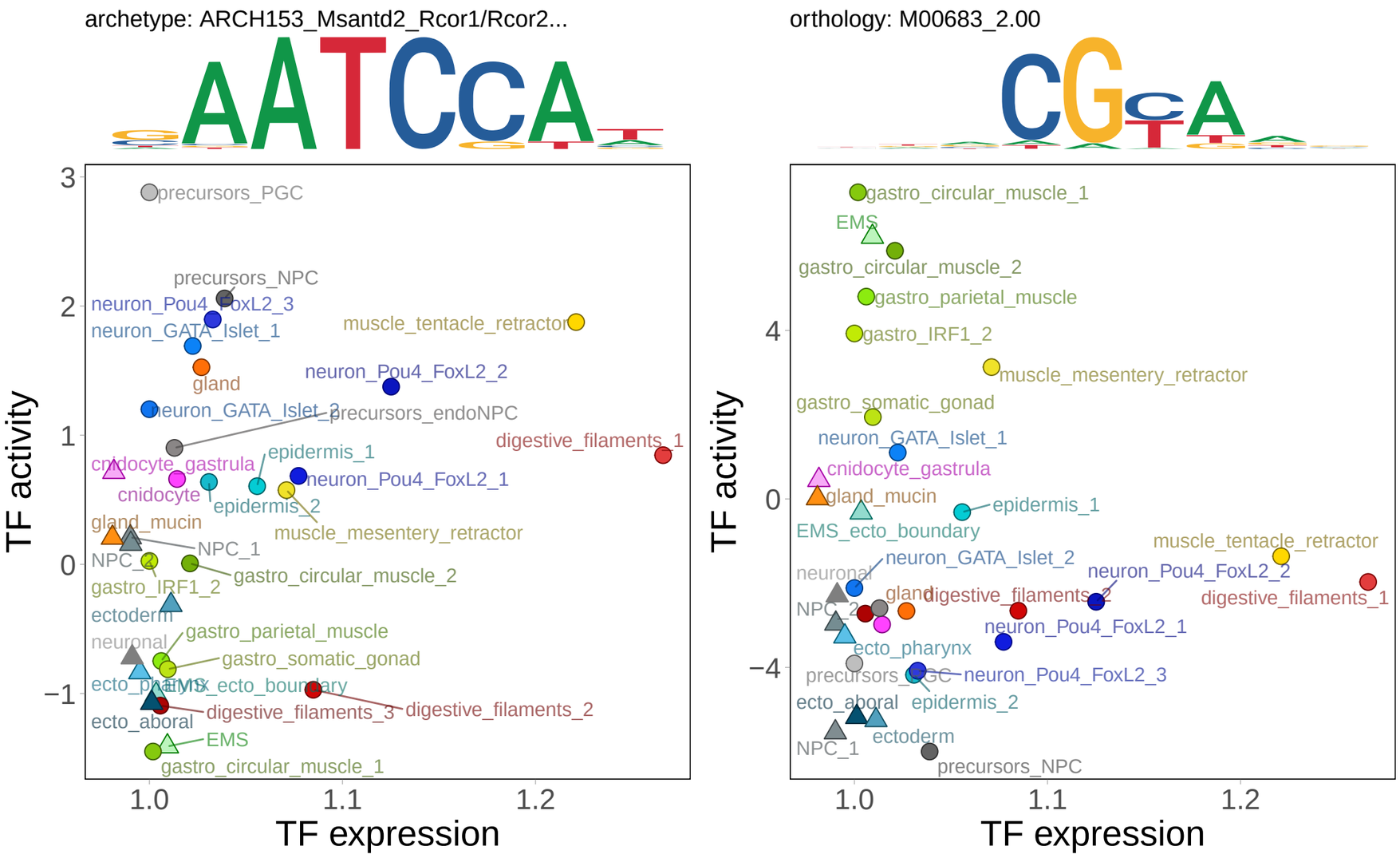




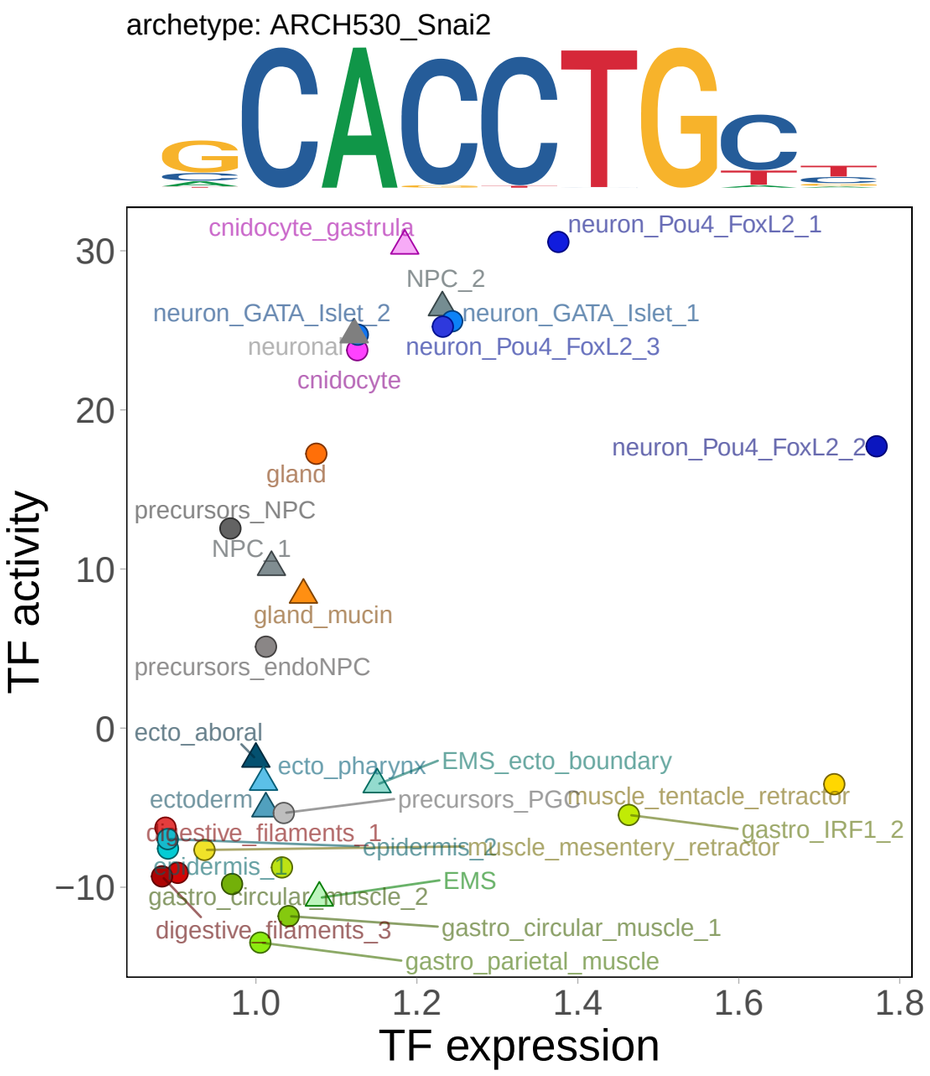
Nvec_vc1.1_XM_048725765.1
OG: Homeodomains.HG2.21:like:LEUTX
PFAM: CUTL/Homeodomain



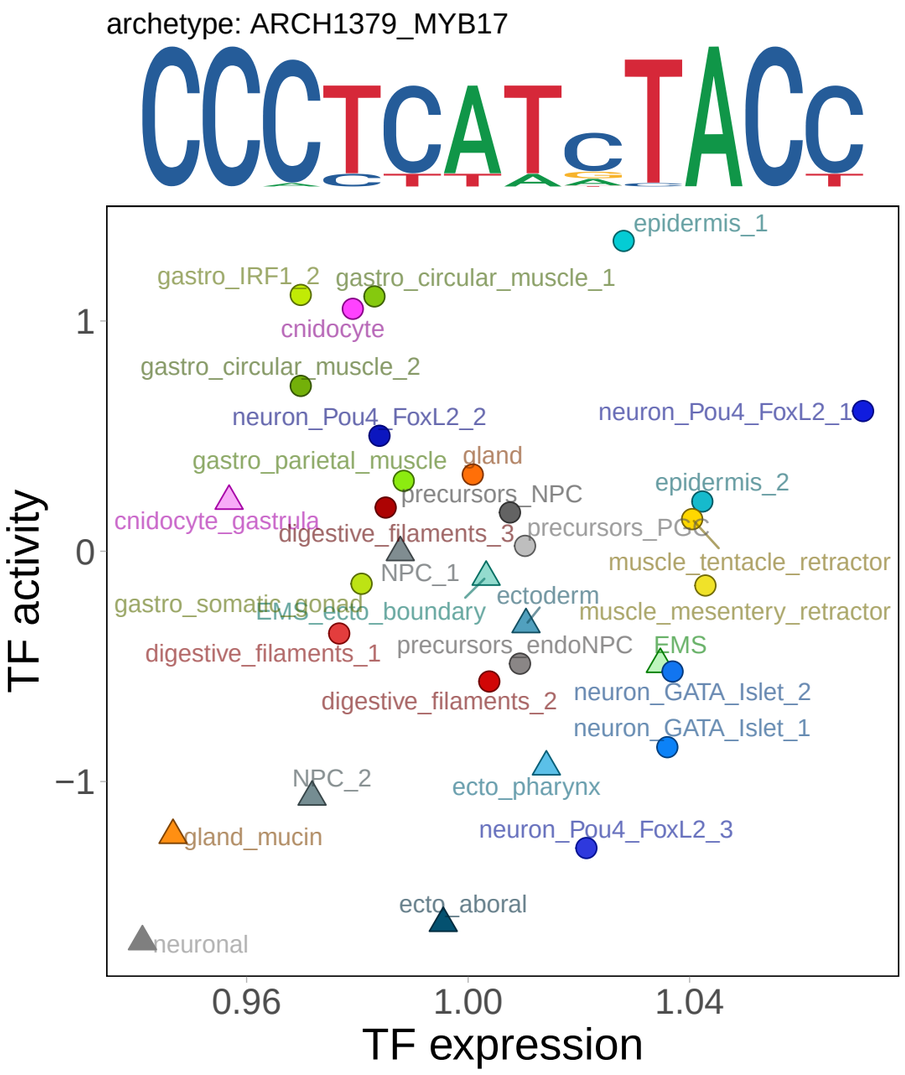
Nvec_vc1.1_XM_048726087.1
OG: Myb.HG2.5:NA
PFAM: MADF_DNA_bdg/BESS



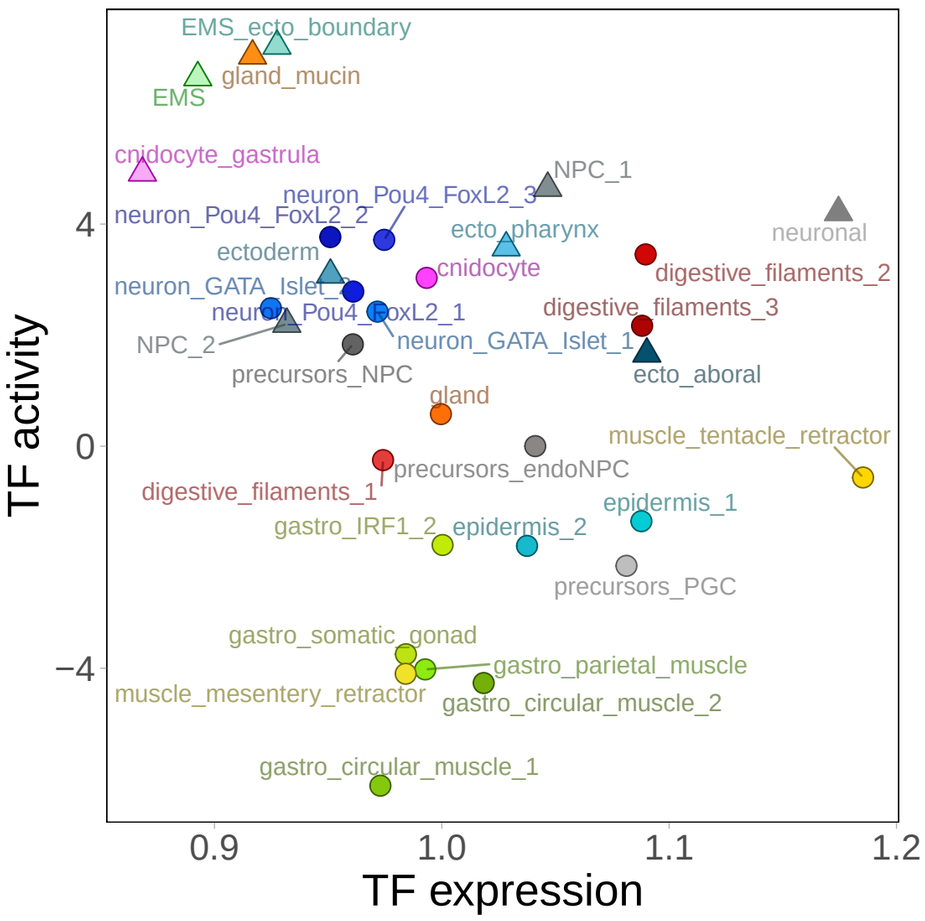
Nvec_vc1.1_XM_048726174.1
OG: zf−C2H2.HG6.2:MYT1/MYT1L/ST18
PFAM: zf−C2HC/zf−C2HC/zf−C2HC/zf−C2HC/zf−C2HC/zf−C2HC/zf−C2HC



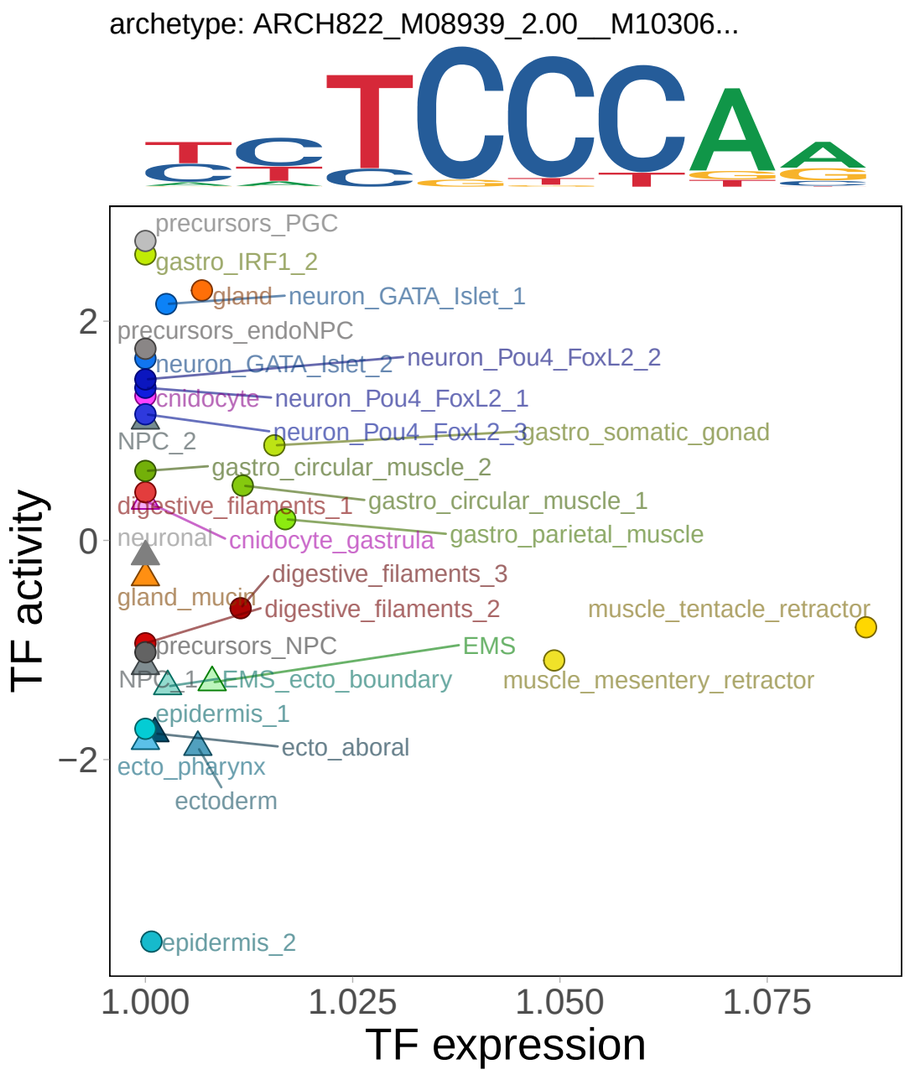
Nvec_vc1.1_XM_048726224.1
OG: Myb.HG1.22:TADA2A
PFAM: Myb_DNA−binding



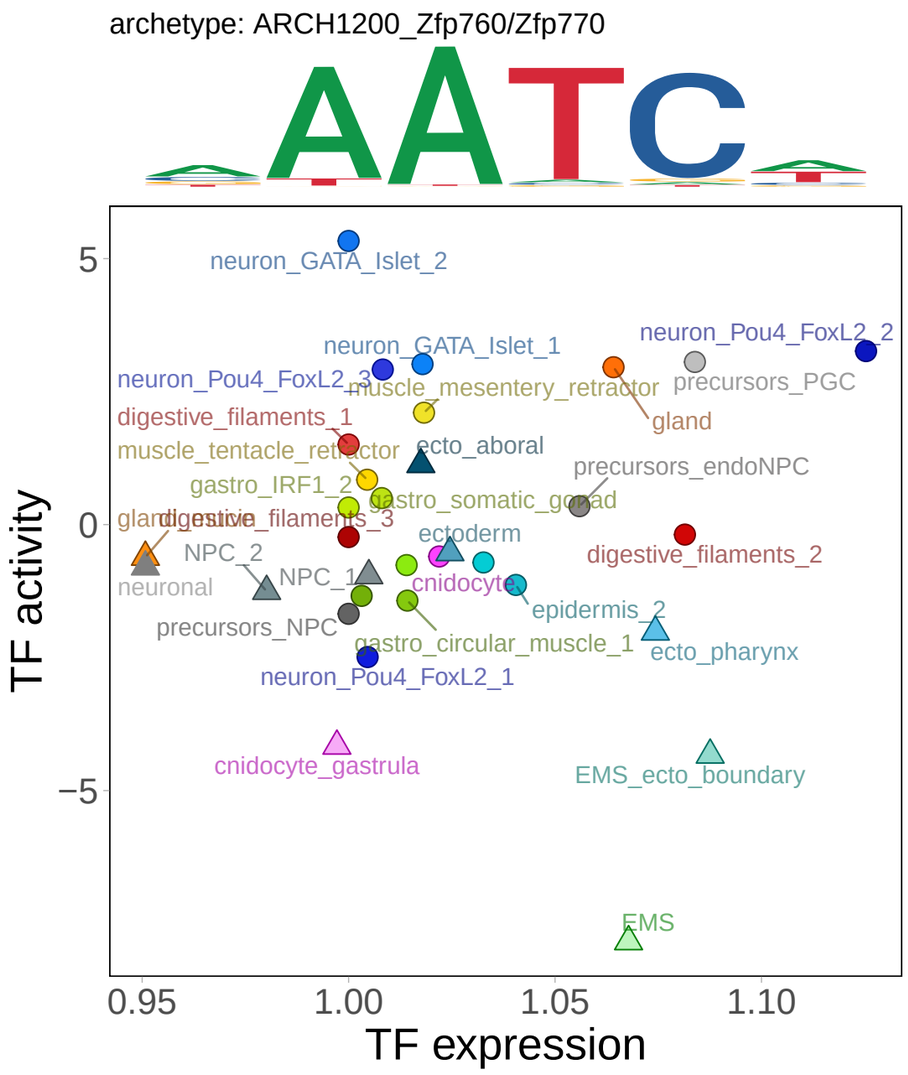
orthology: M09442_2.00



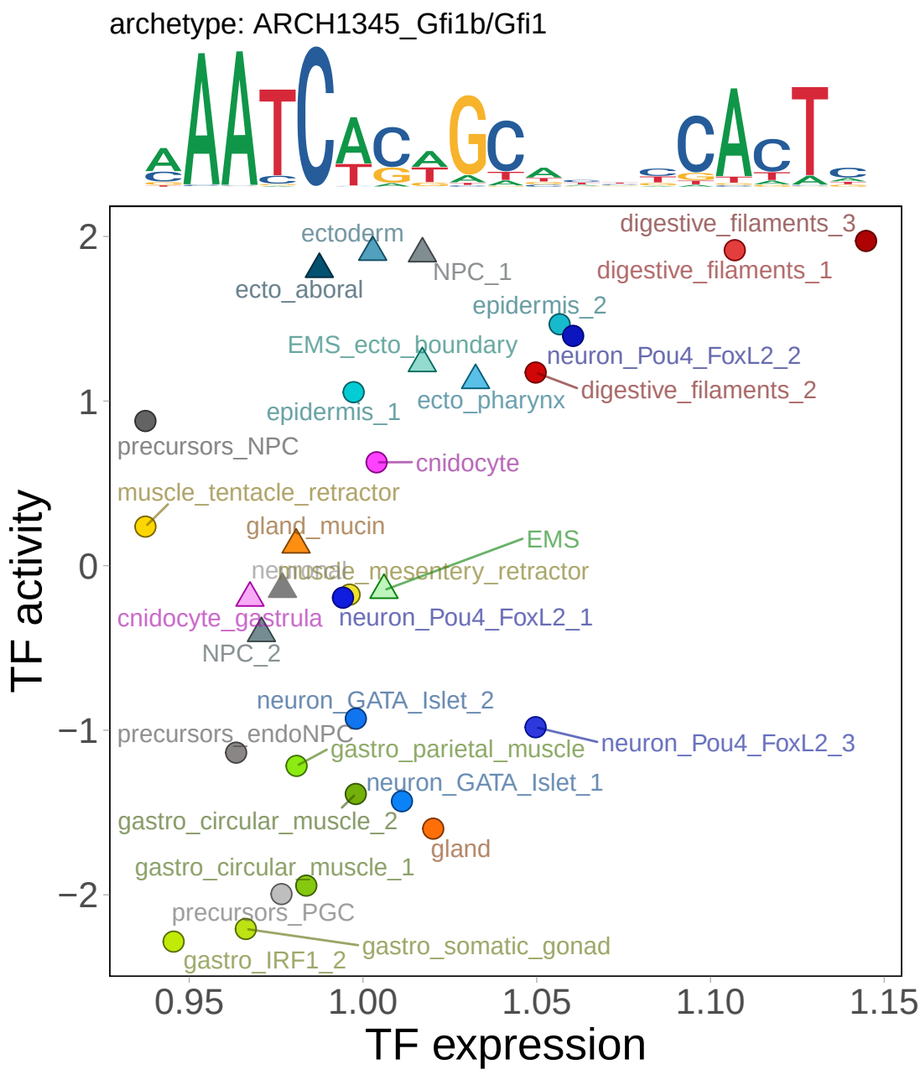
Nvec_vc1.1_XM_048726734.1
OG: zf−C2H2.HG1.234:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2/zf−H2C2_2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−H2C2_2/z



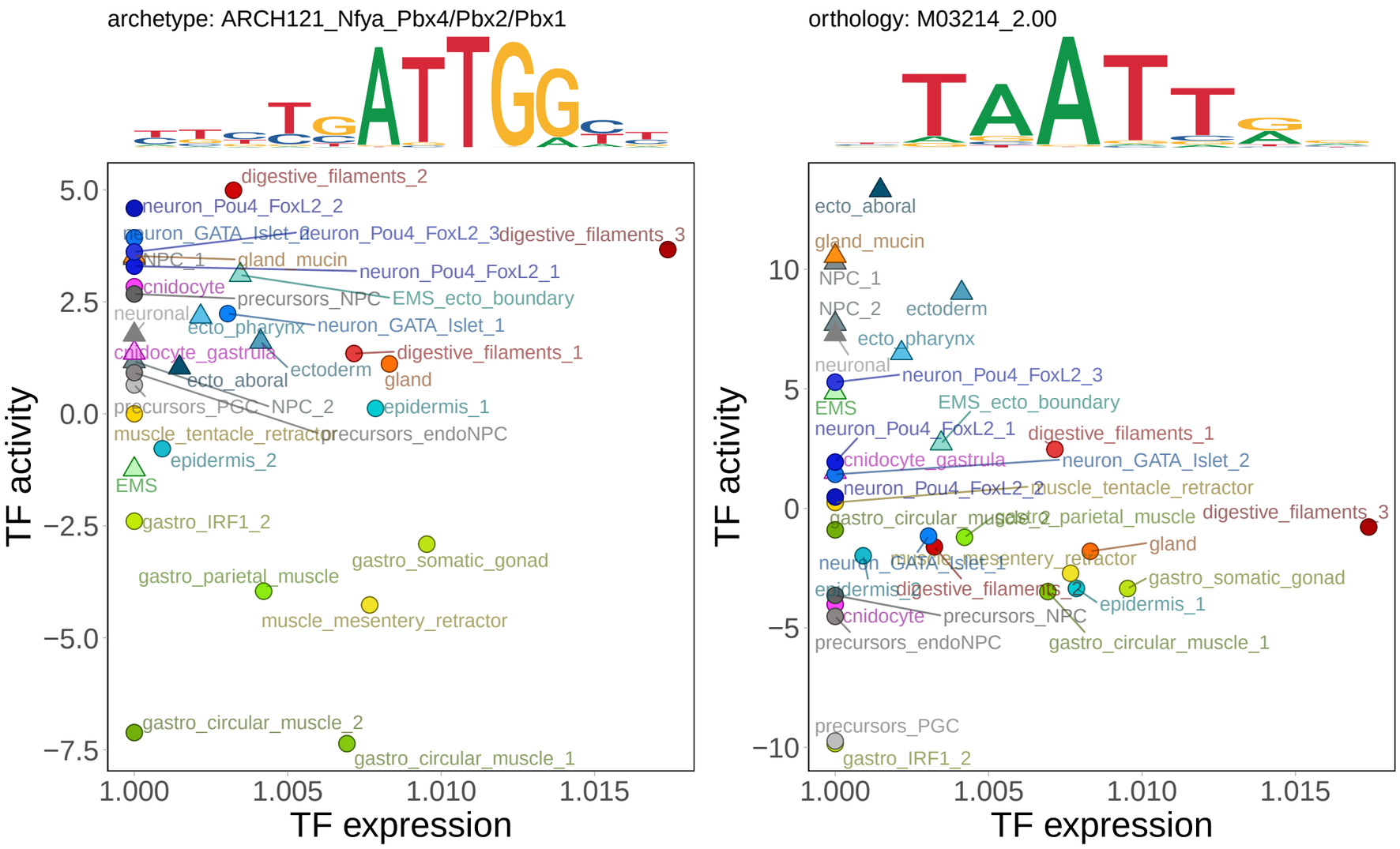
Nvec_vc1.1_XM_048726881.1
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2



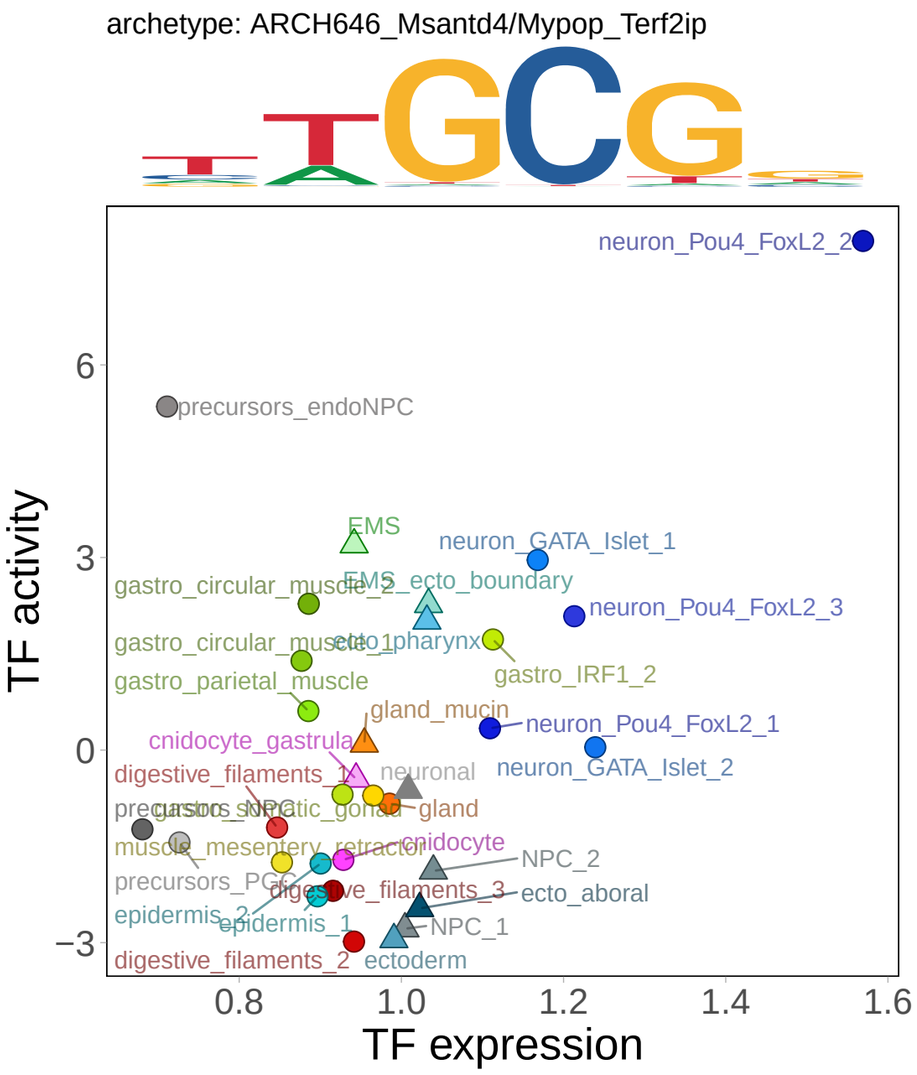
Nvec_vc1.1_XM_048726885.1
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2_6/zf−C2H2_6/zf−C2H2



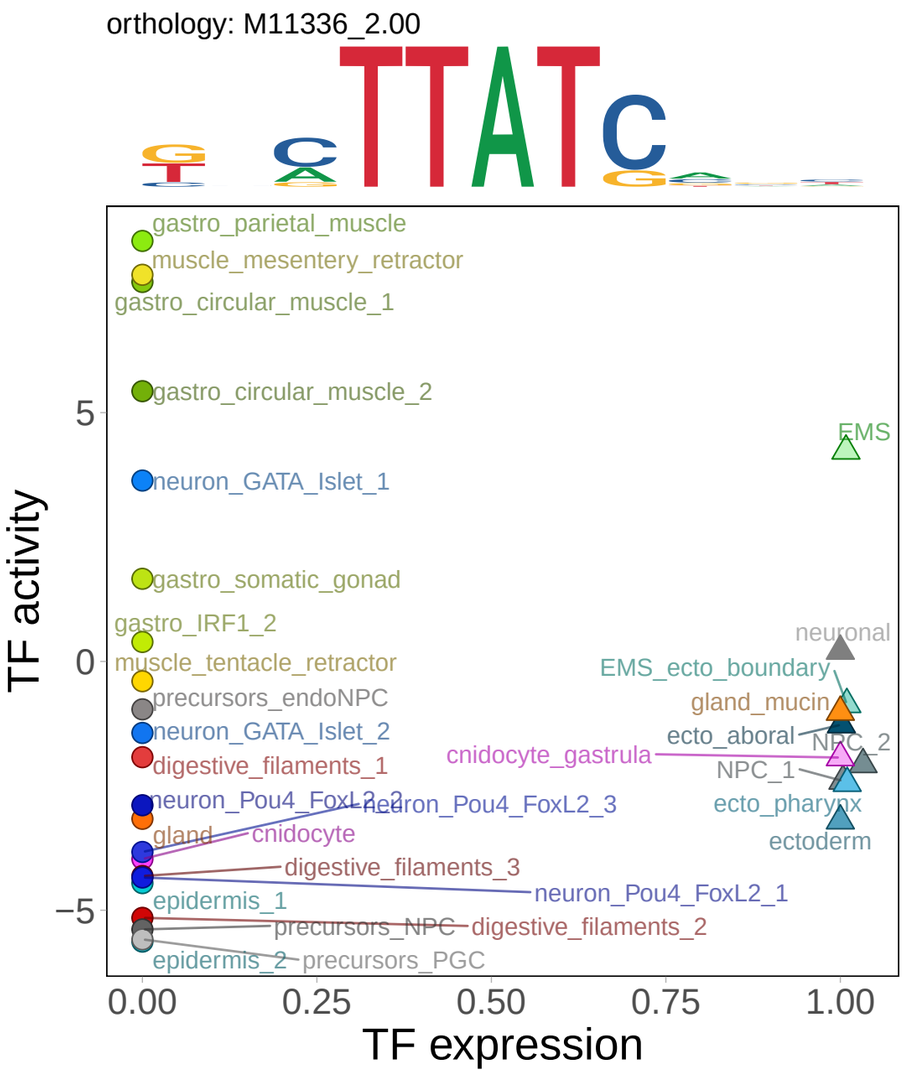
Nvec_vc1.1_XM_048727075.1
OG: Homeodomains.HG2.12:ESX1
PFAM: Homeodomain



Nvec_vc1.1_XM_048727123.1
OG: Myb.HG1.9:NCOR1/NCOR2
PFAM: GPS2_interact/Myb_DNA−binding

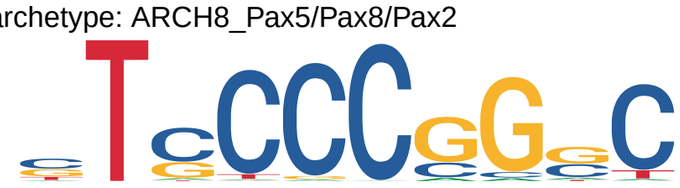


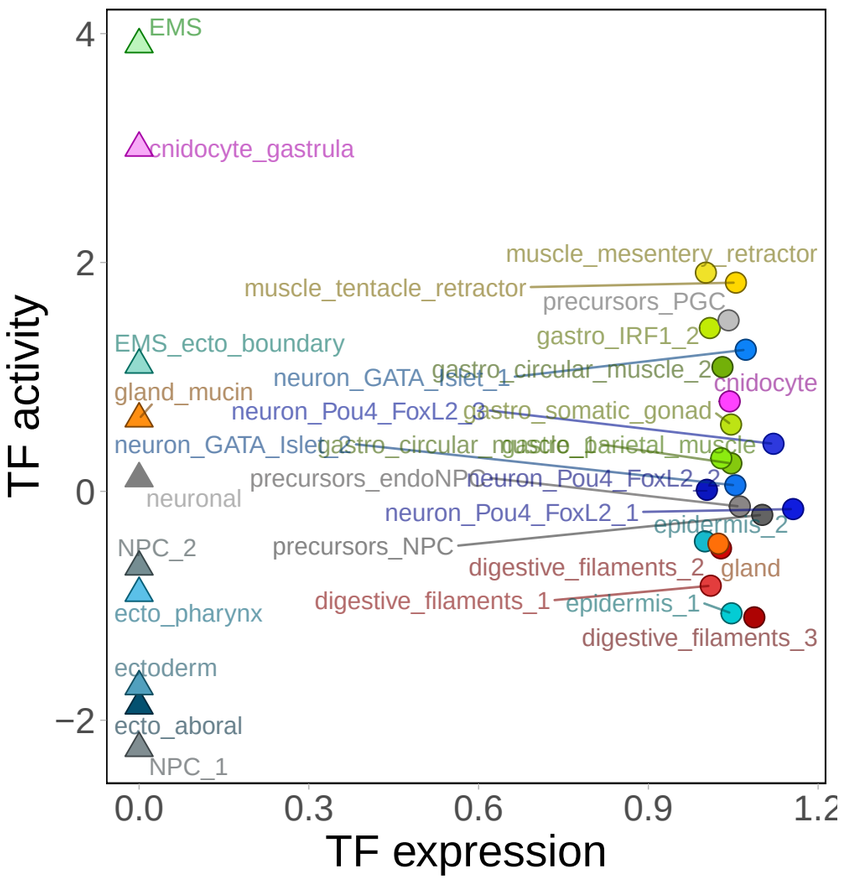
Nvec_vc1.1_XM_048727403.1
OG: HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF7L2
PFAM: HMG_box_2



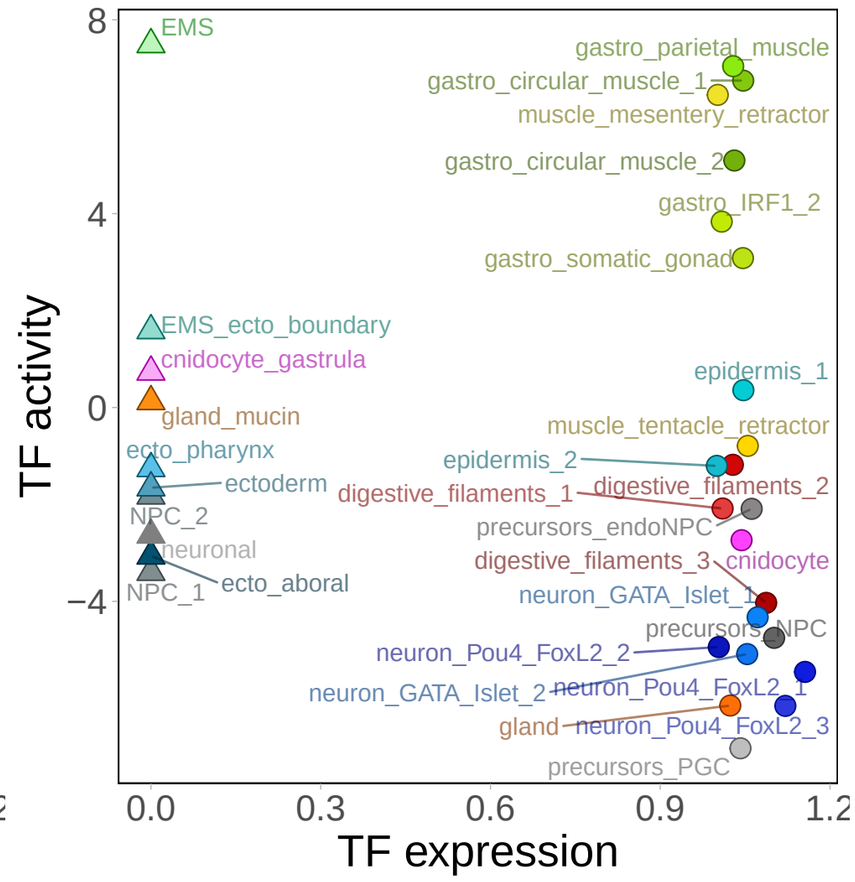
Nvec_vc1.1_XM_048727543.1
OG: Homeodomains.HG2.17:like:RHOXF1
PFAM: PAX/Homeodomain

archetype: ARCH8_Pax5/Pax8/Pax2

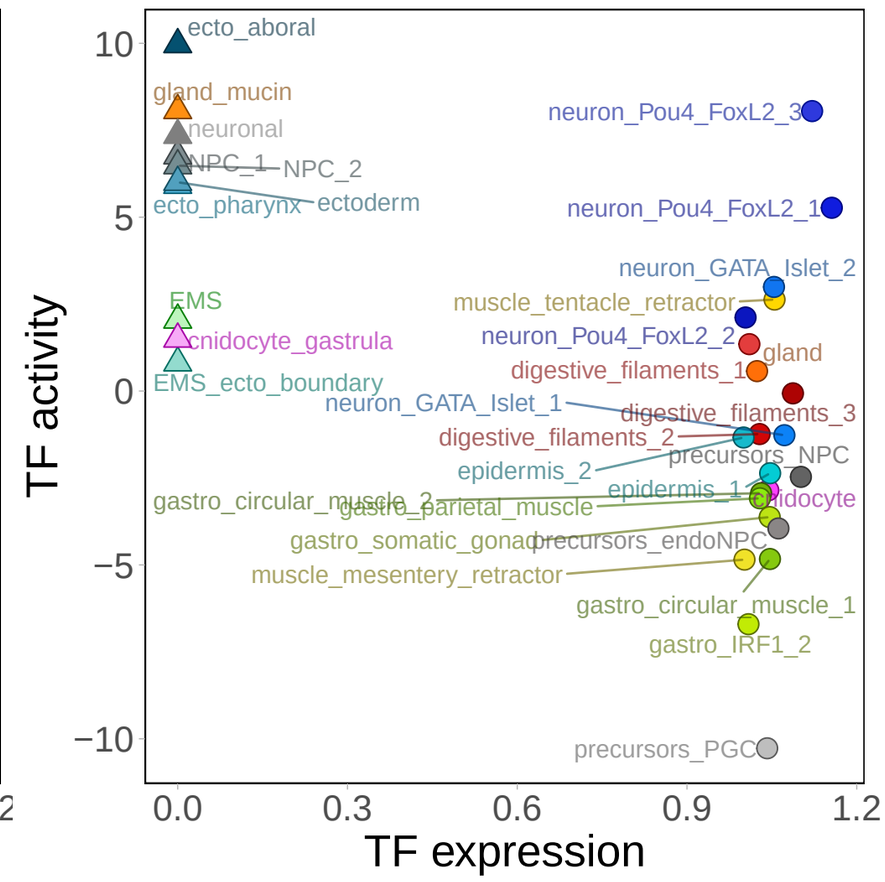




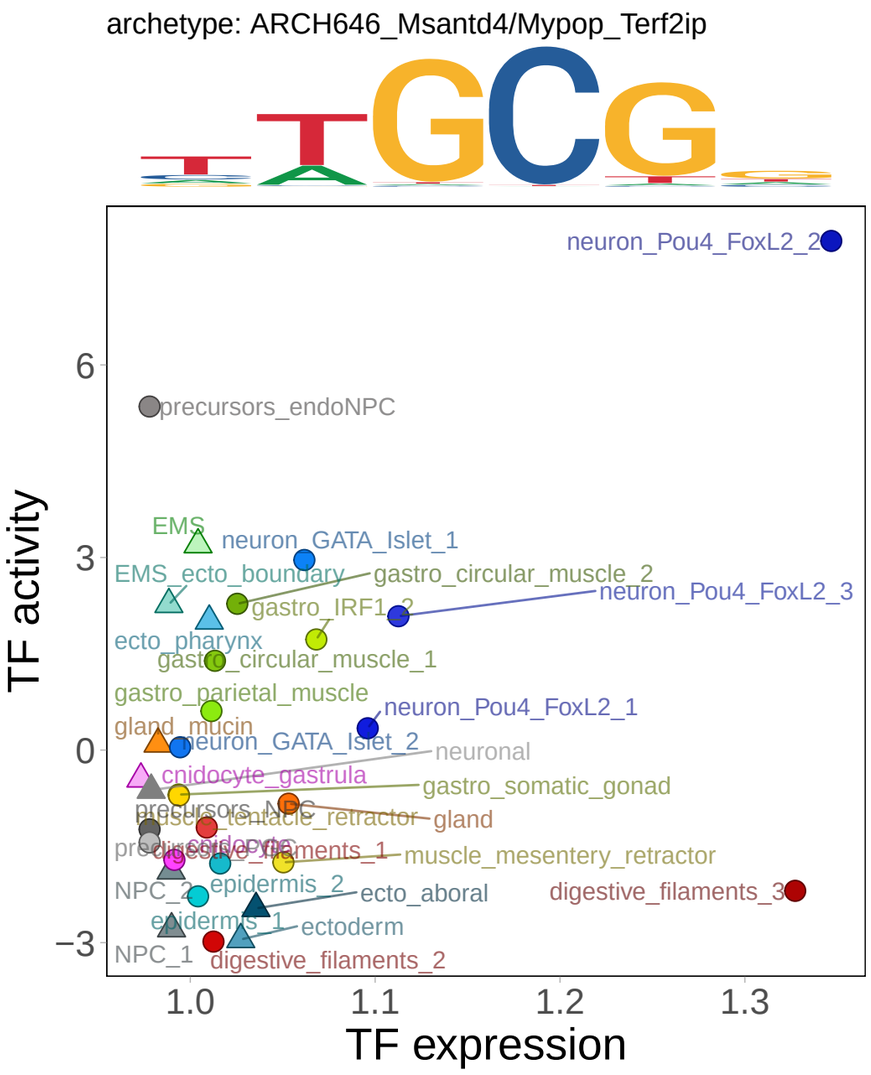
orthology: M05417_2.00

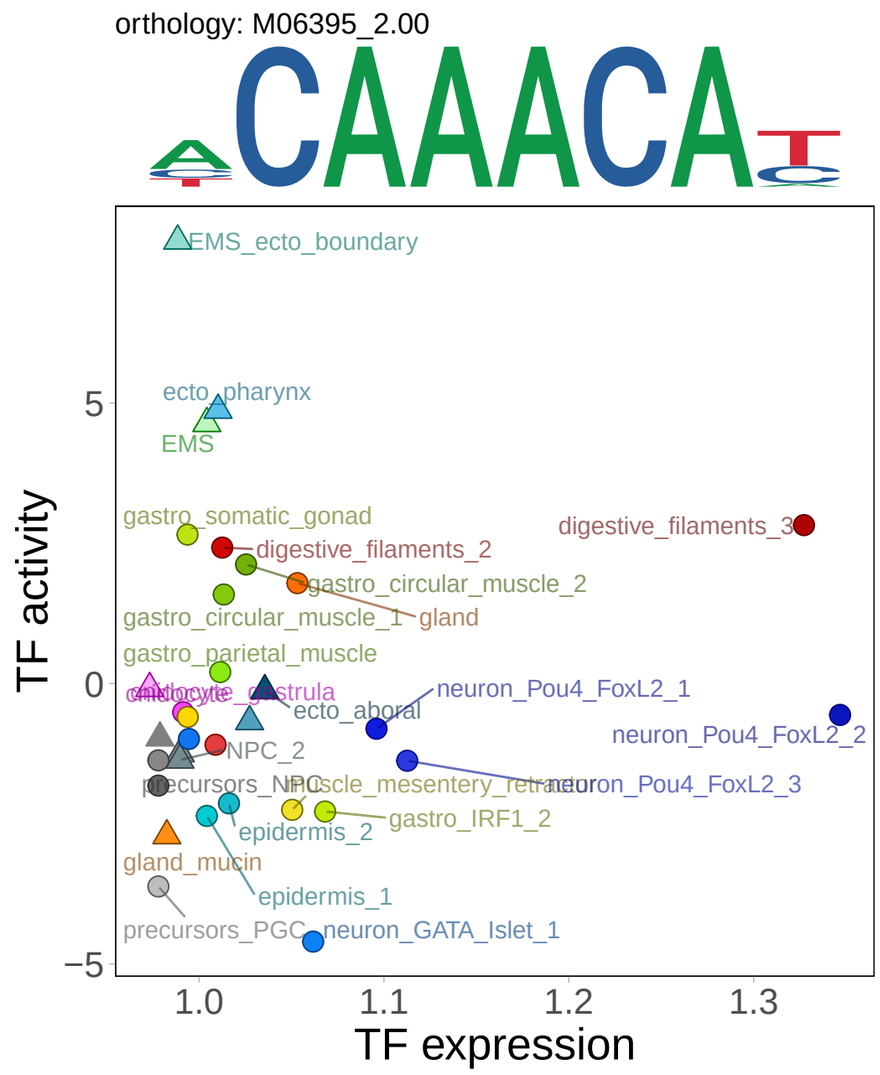


cisbp: M02147_2.00



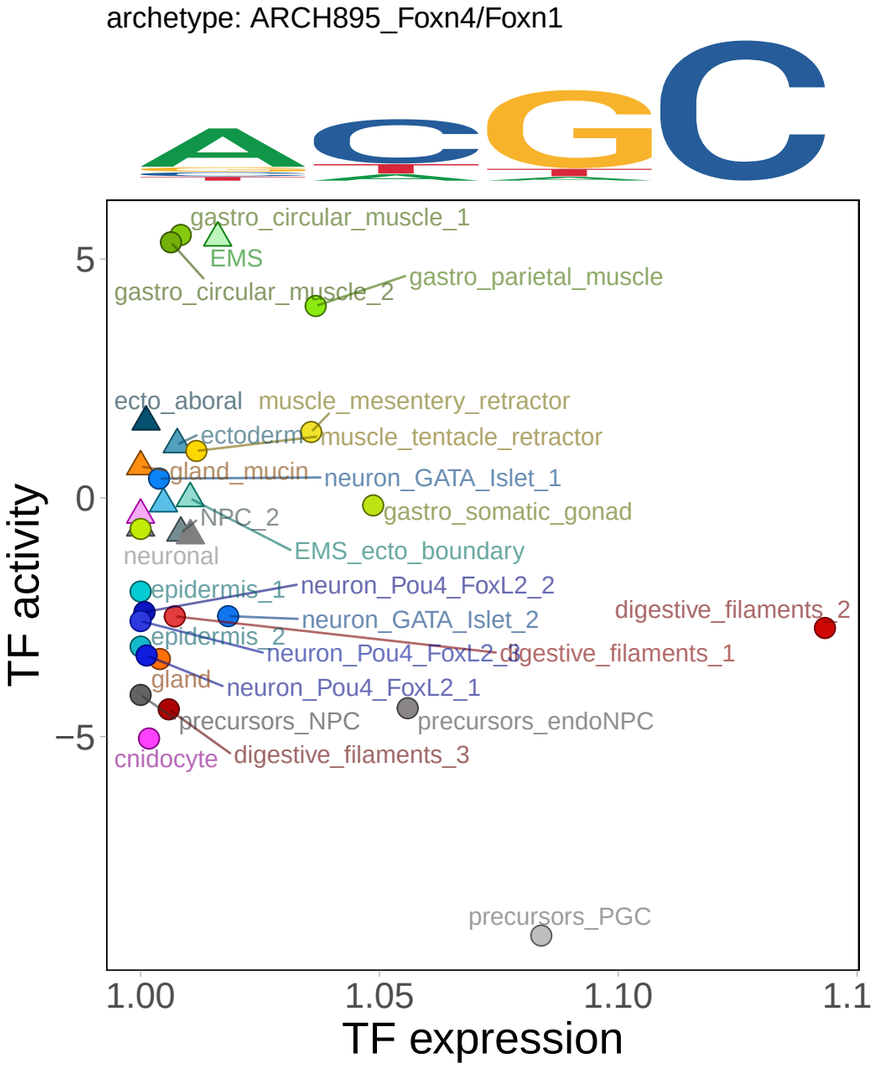
Nvec_vc1.1_XM_048727600.1
OG: Myb.HG2.3:NA
PFAM: MADF_DNA_bdg



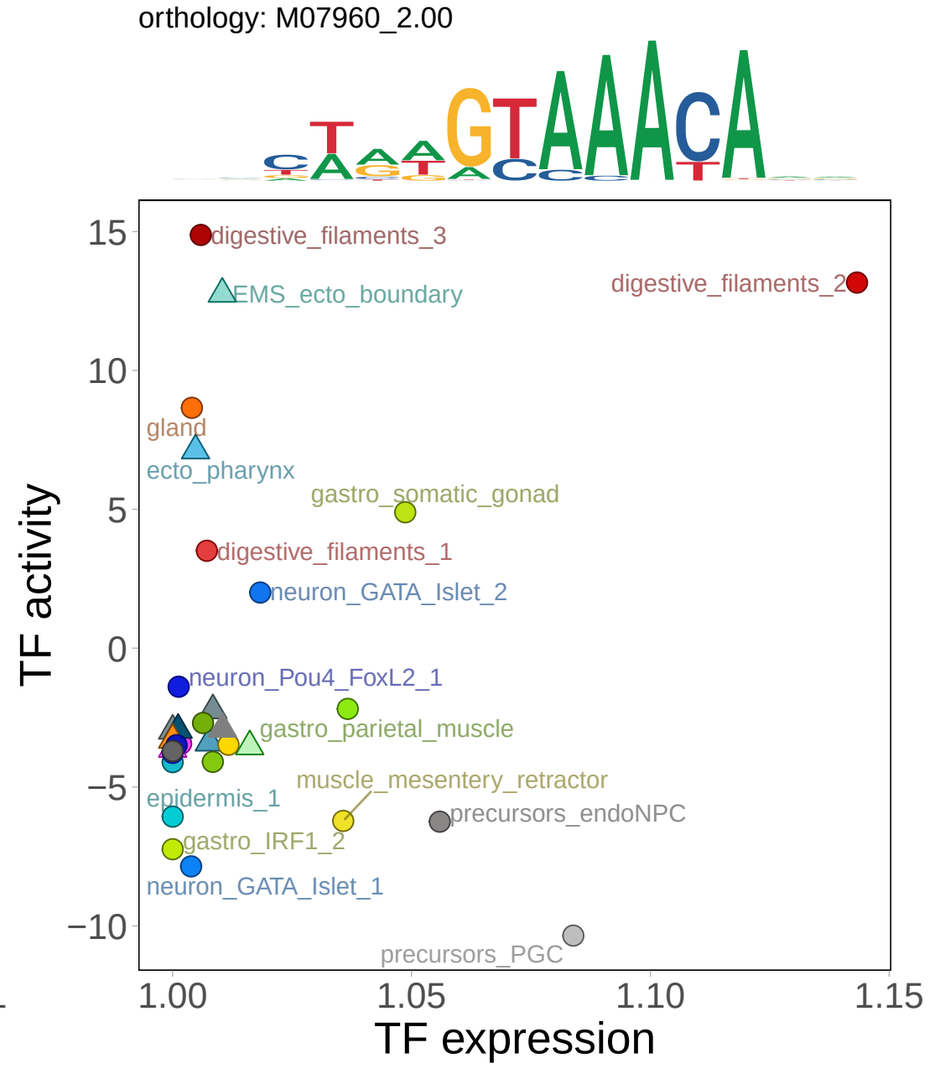


Nvec_vc1.1_XM_048728051.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/FOXD4/FOXD4L1/FO
PFAM: Forkhead

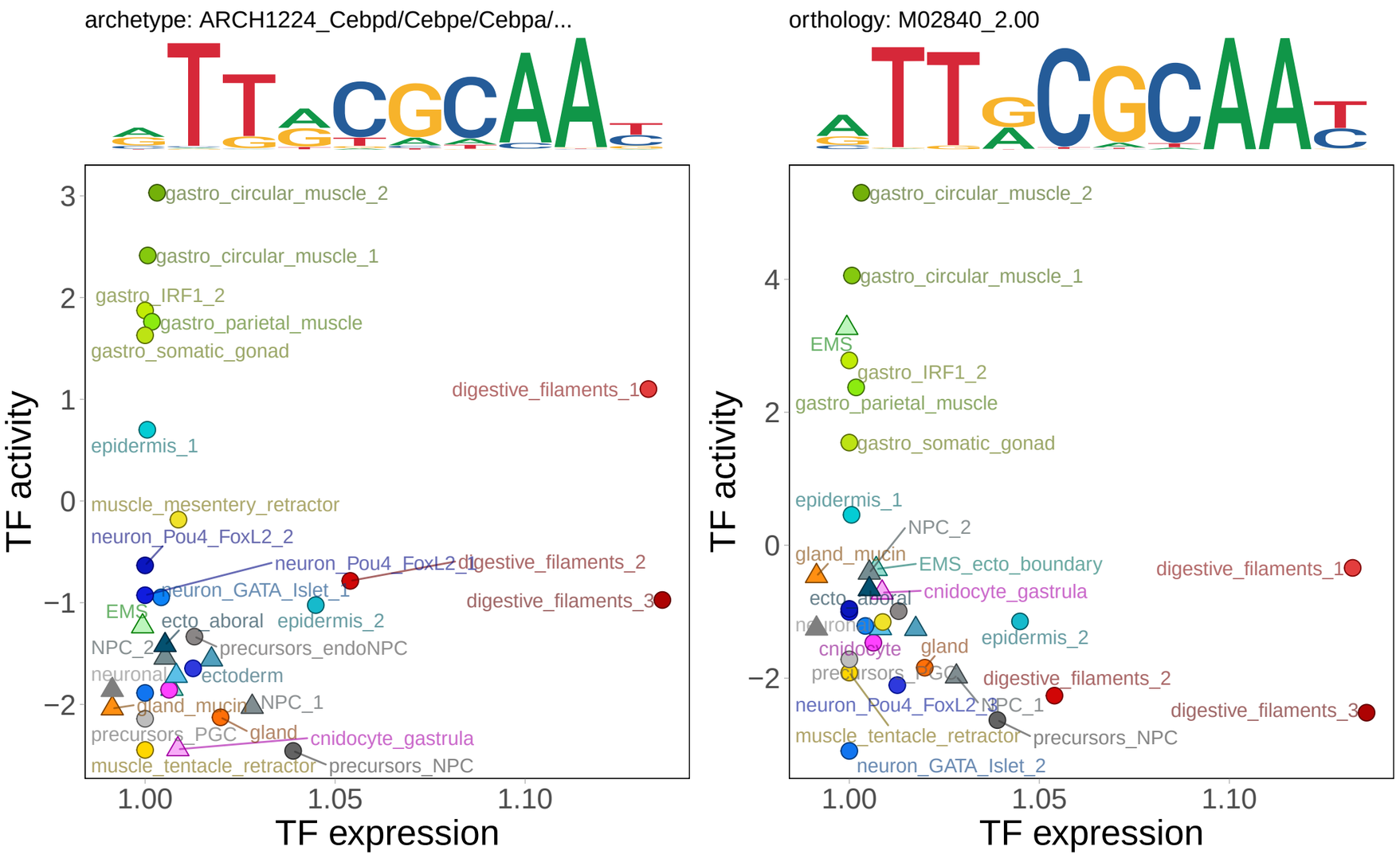
archetype: ARCH895_Foxn4/Foxn1



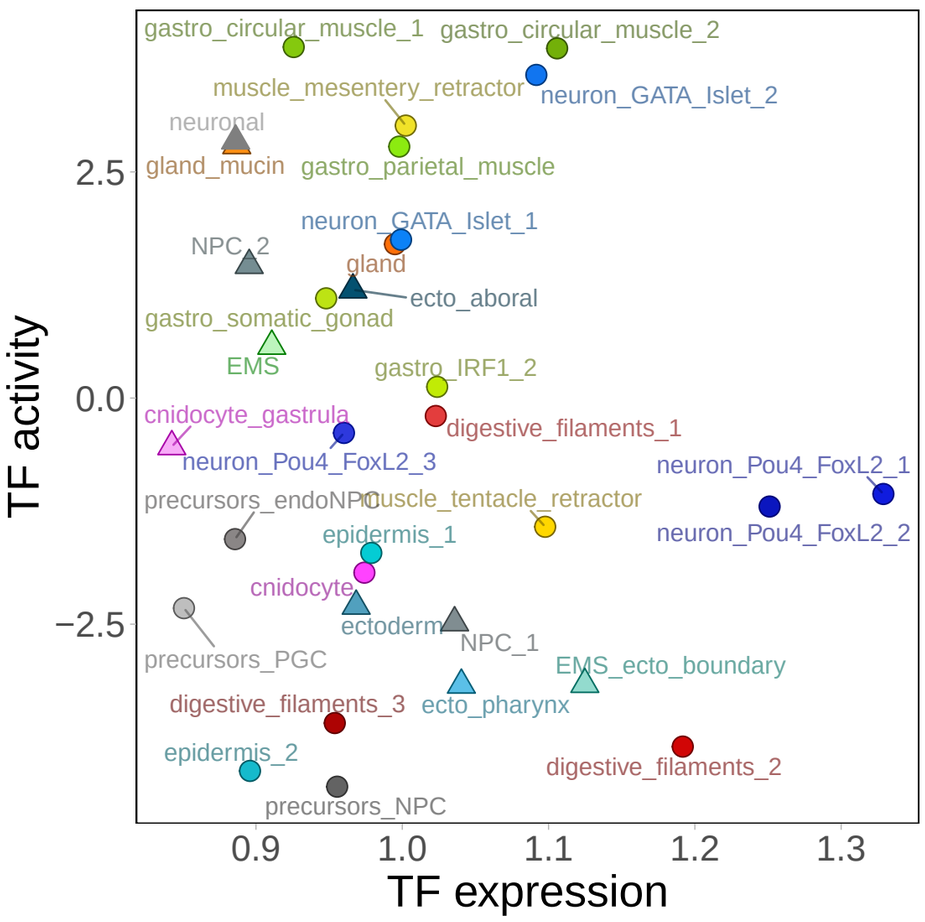
orthology: M07960_2.00



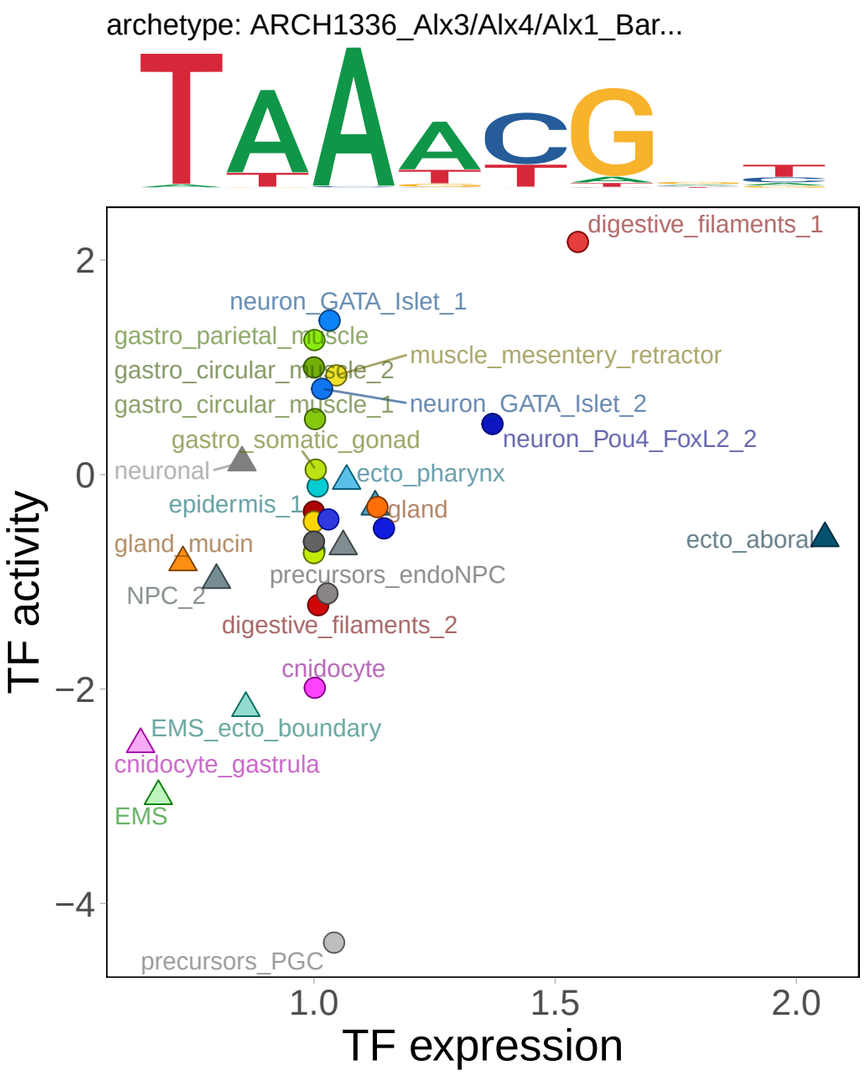
Nvec_vc1.1_XM_048728399.1
OG: bZIP.HG2.5:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG
PFAM: bZIP_2

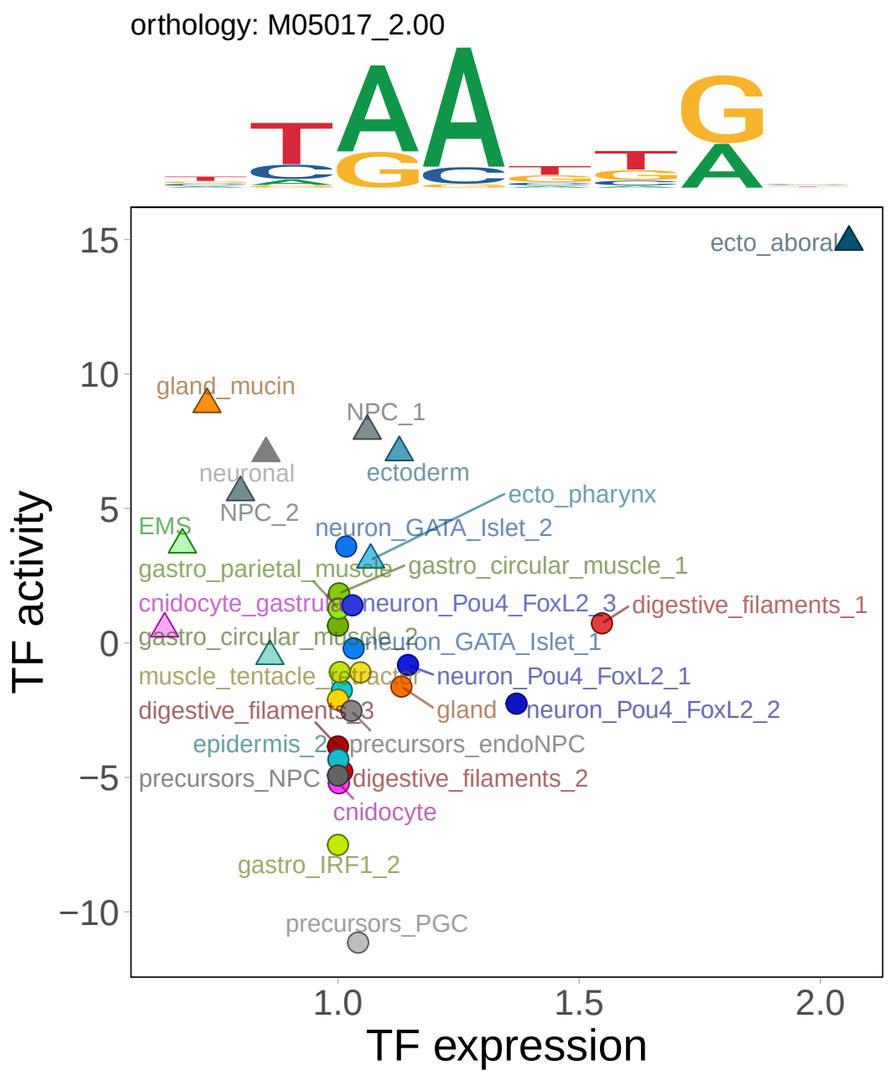


orthology: M03917_2.00

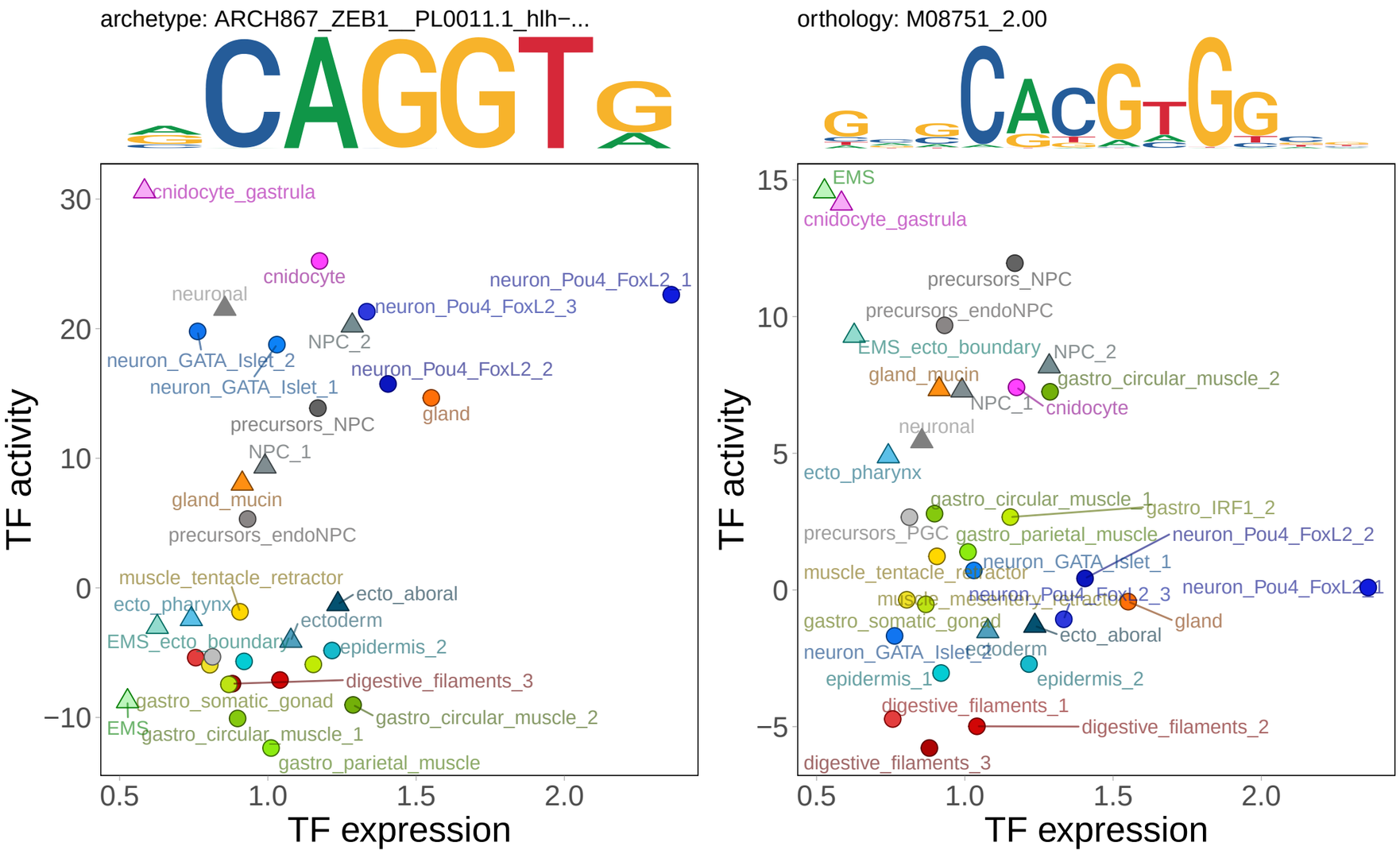


Nvec_vc1.1_XM_048728853.1
OG: Homeodomains.HG1.24:like:HHEX/LBX1/LBX2/NKX2−1/NKX2−2/NKX2−3/NKX2−4/NKX2−5/NKX2−6/
PFAM: Homeodomain

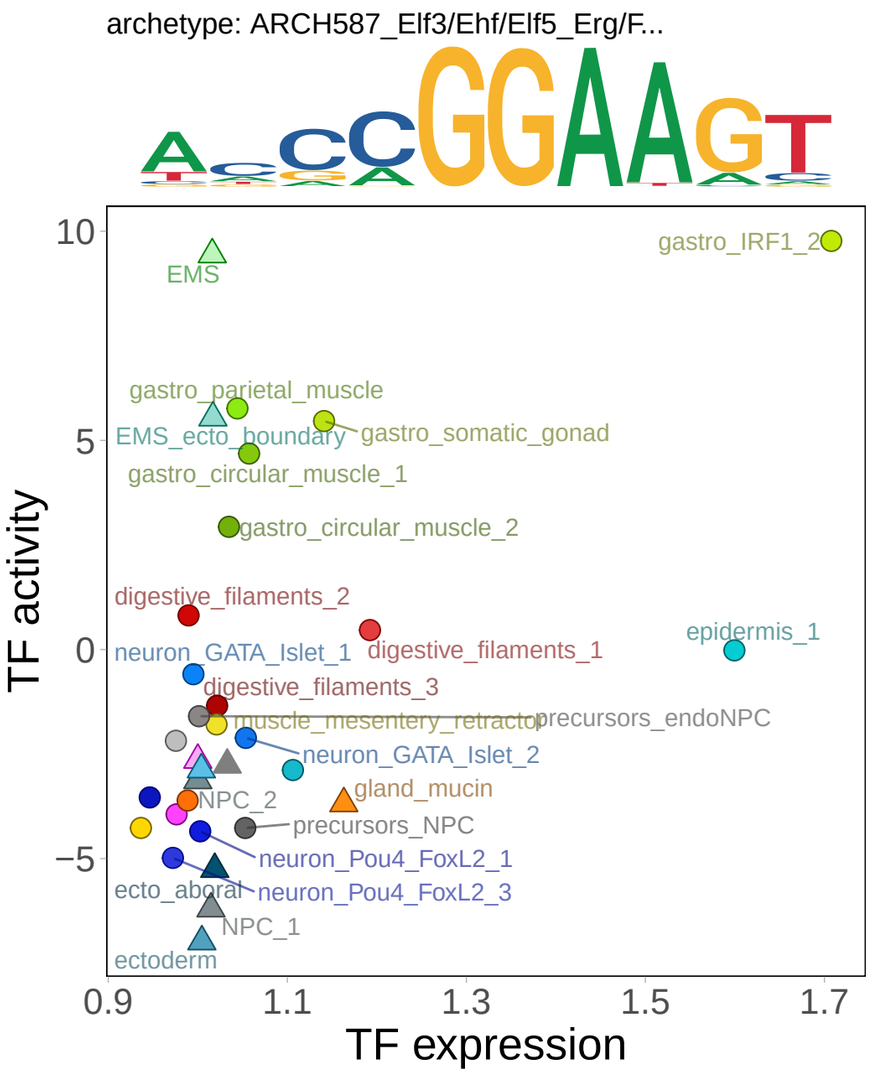


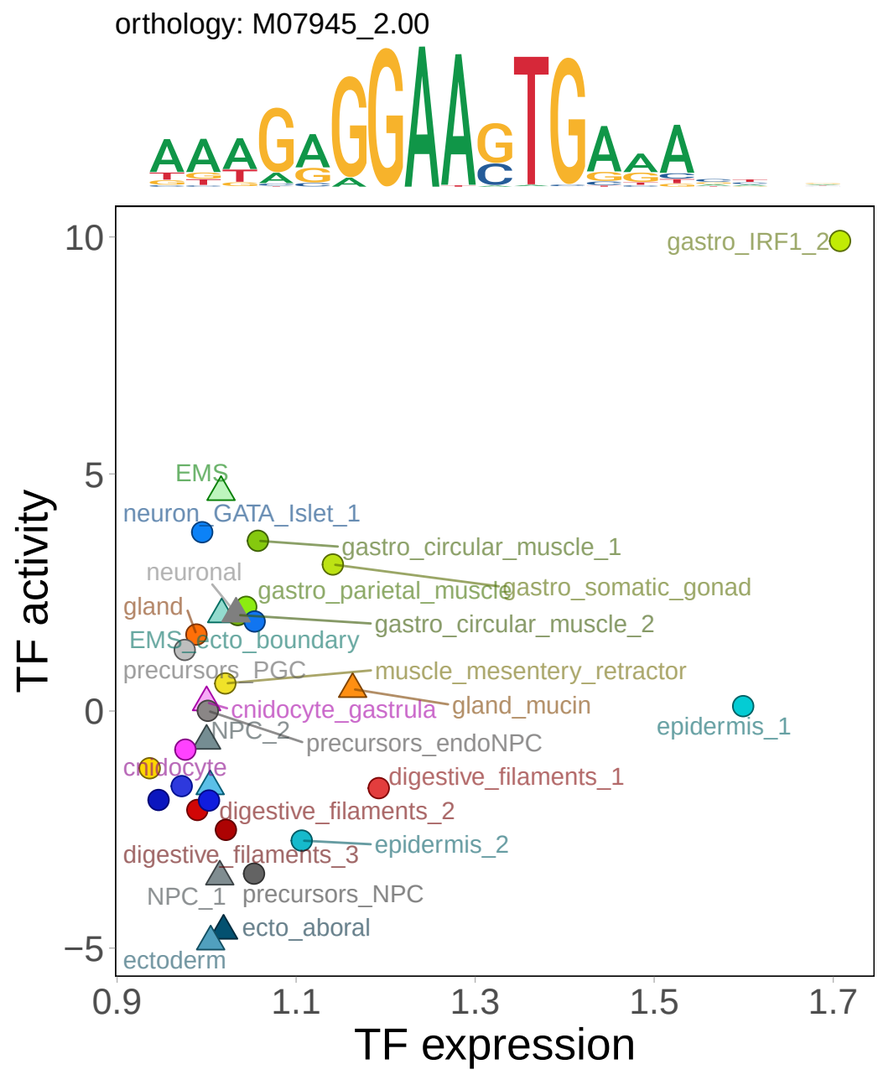


Nvec_vc1.1_XM_048728967.1
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH/HLH

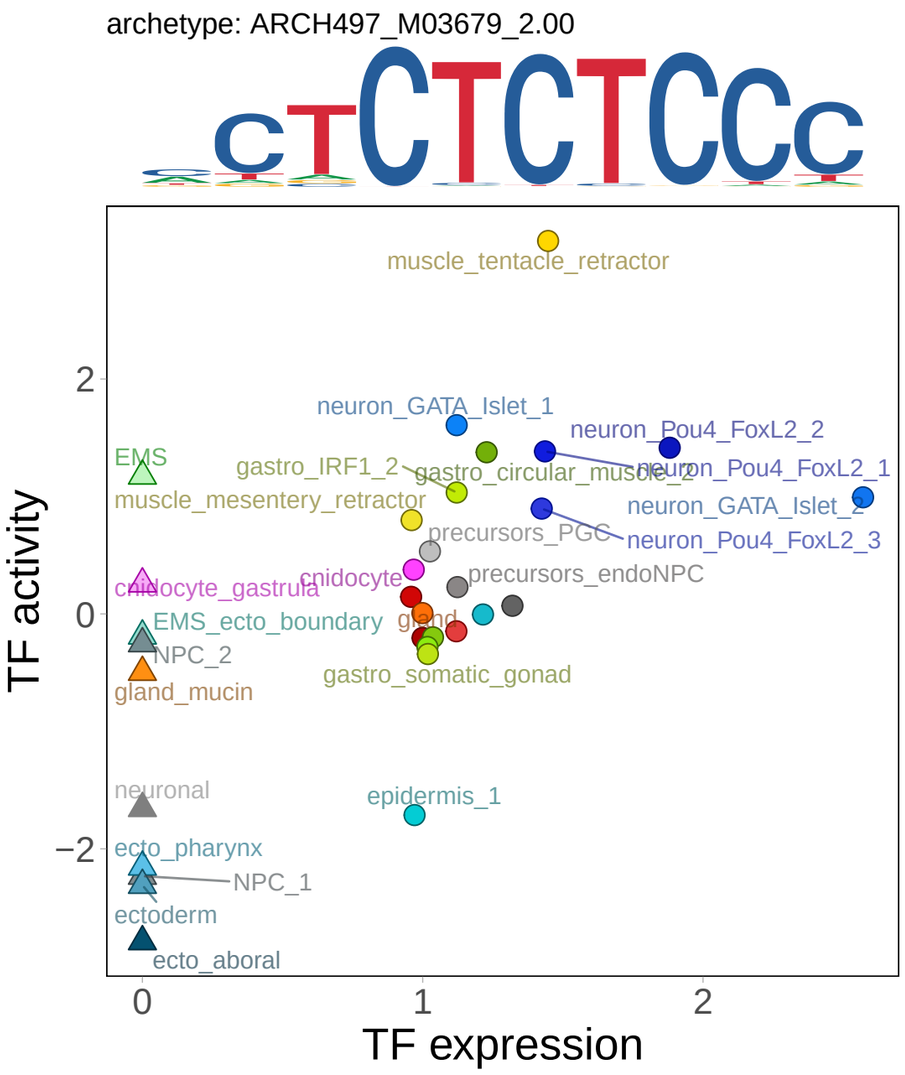


Nvec_vc1.1_XM_048729186.1
OG: Ets.HG1.9:AC020909.1/SPI1/SPIB/SPIC
PFAM: Ets

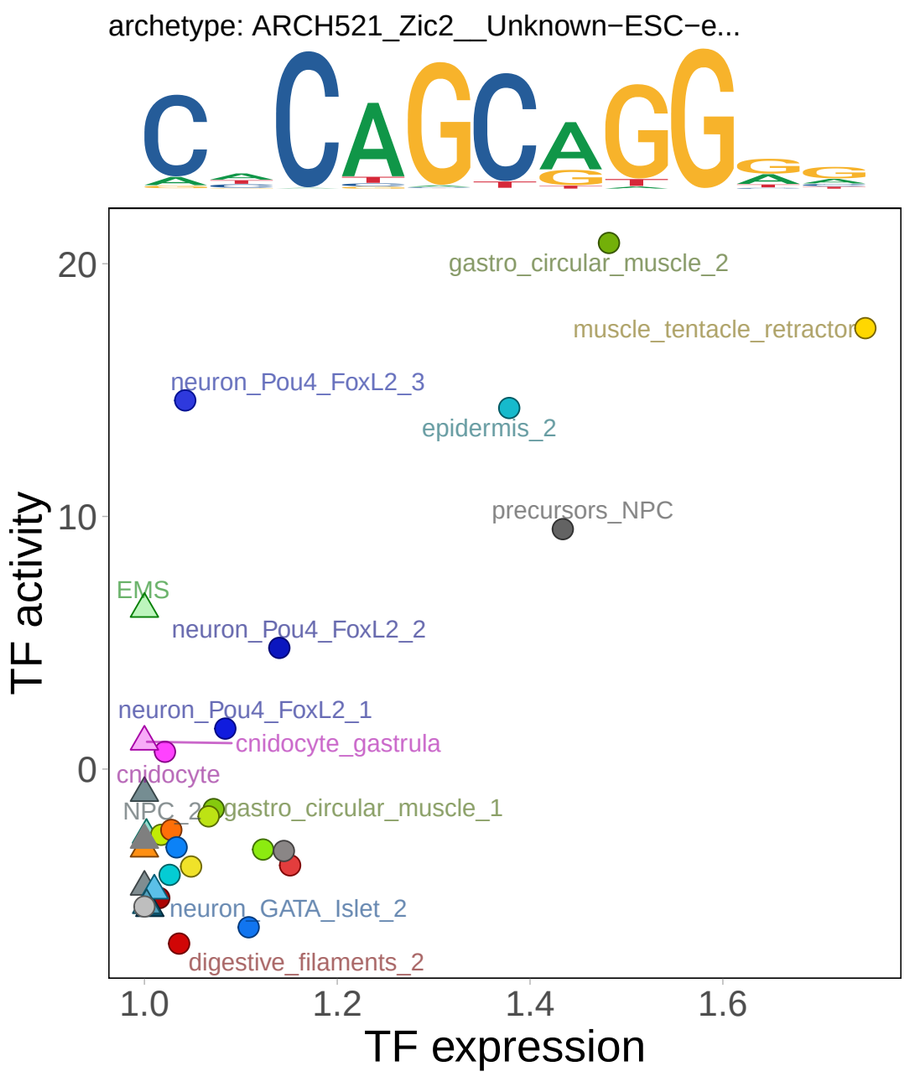




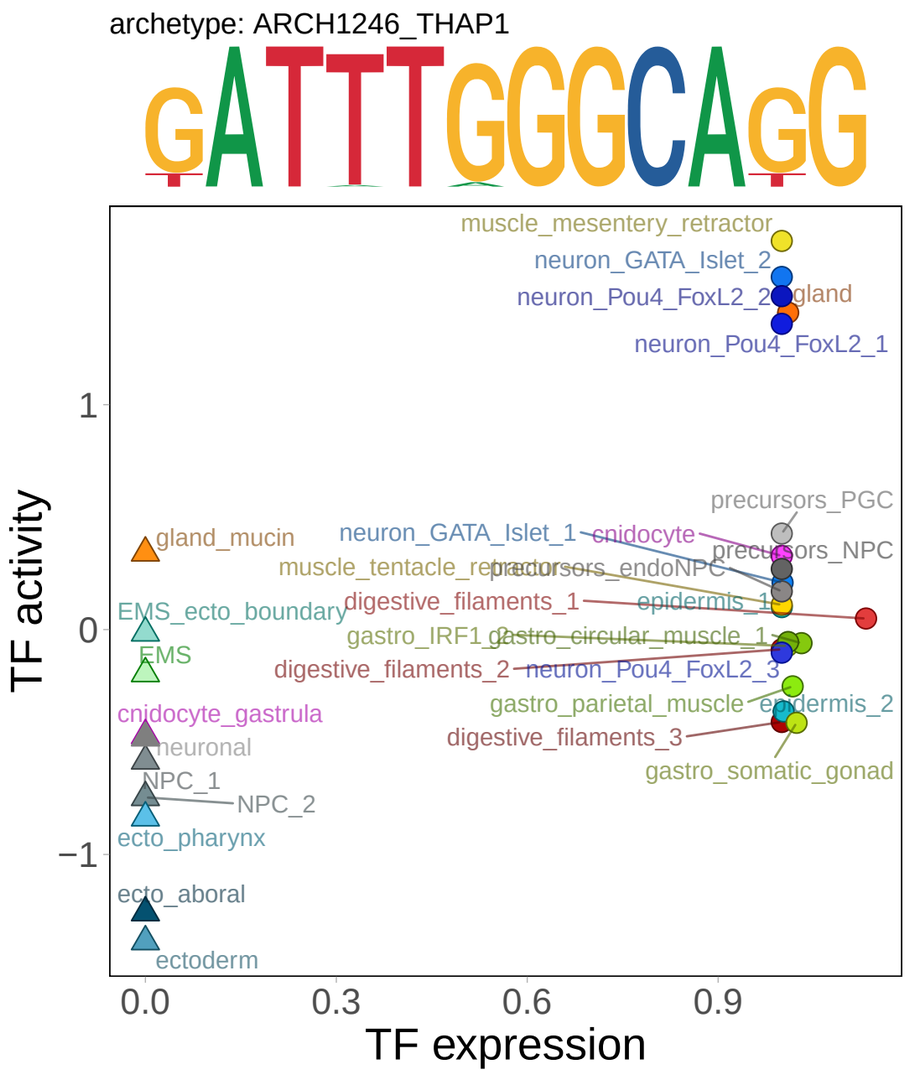
Nvec_vc1.1_XM_048729481.1
OG: zf−C2H2.HG4.3:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
PFAM: zf_ZIC/zf−C2H2/zf−C2H2



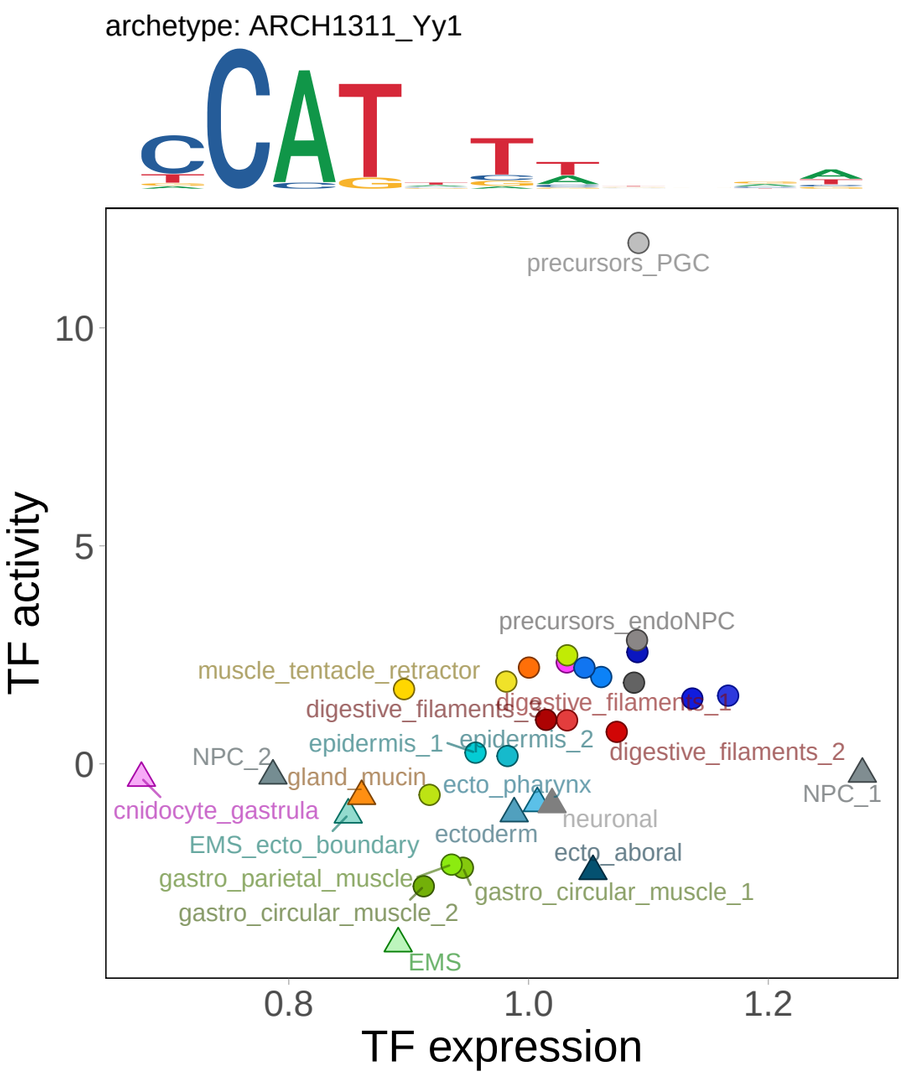
Nvec_vc1.1_XM_048729483.1
OG: zf−C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5
PFAM: zf_ZIC/zf−C2H2/zf−C2H2



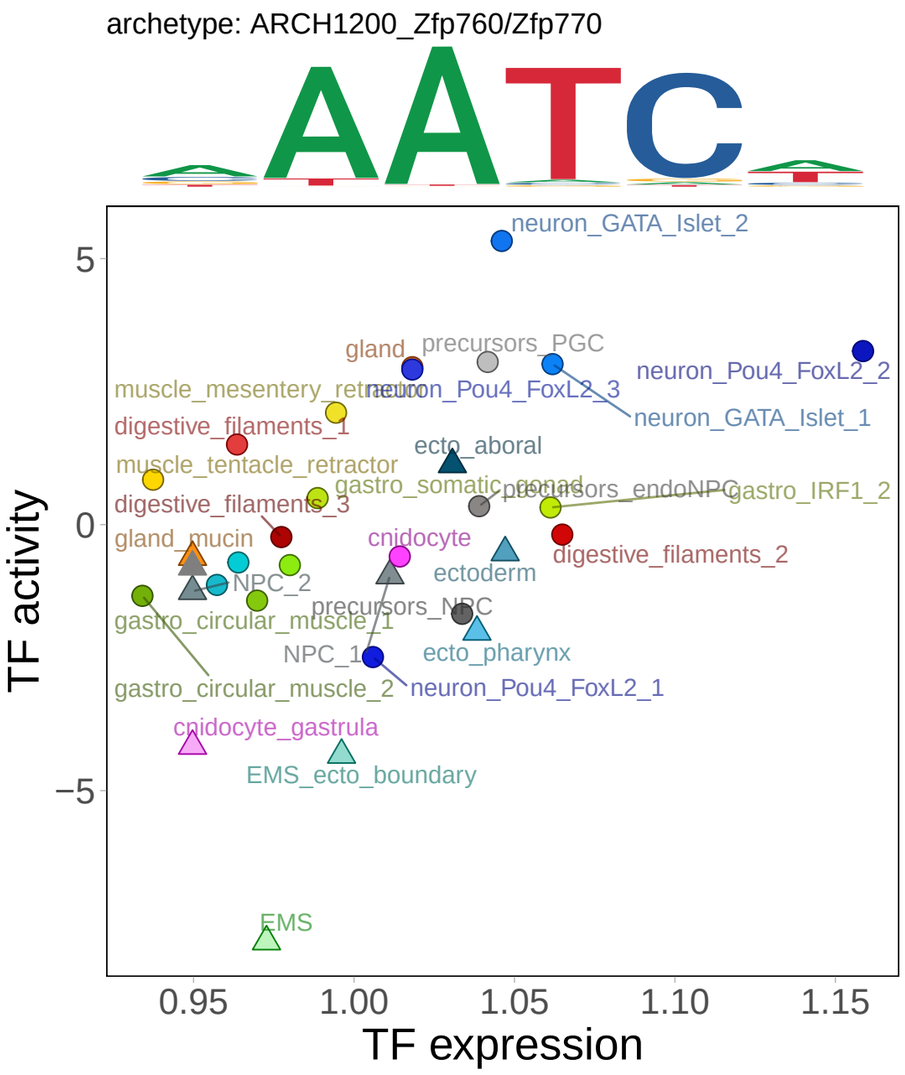
Nvec_vc1.1_XM_048729727.1
OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/THAP7/THAP8/THAP
PFAM: THAP



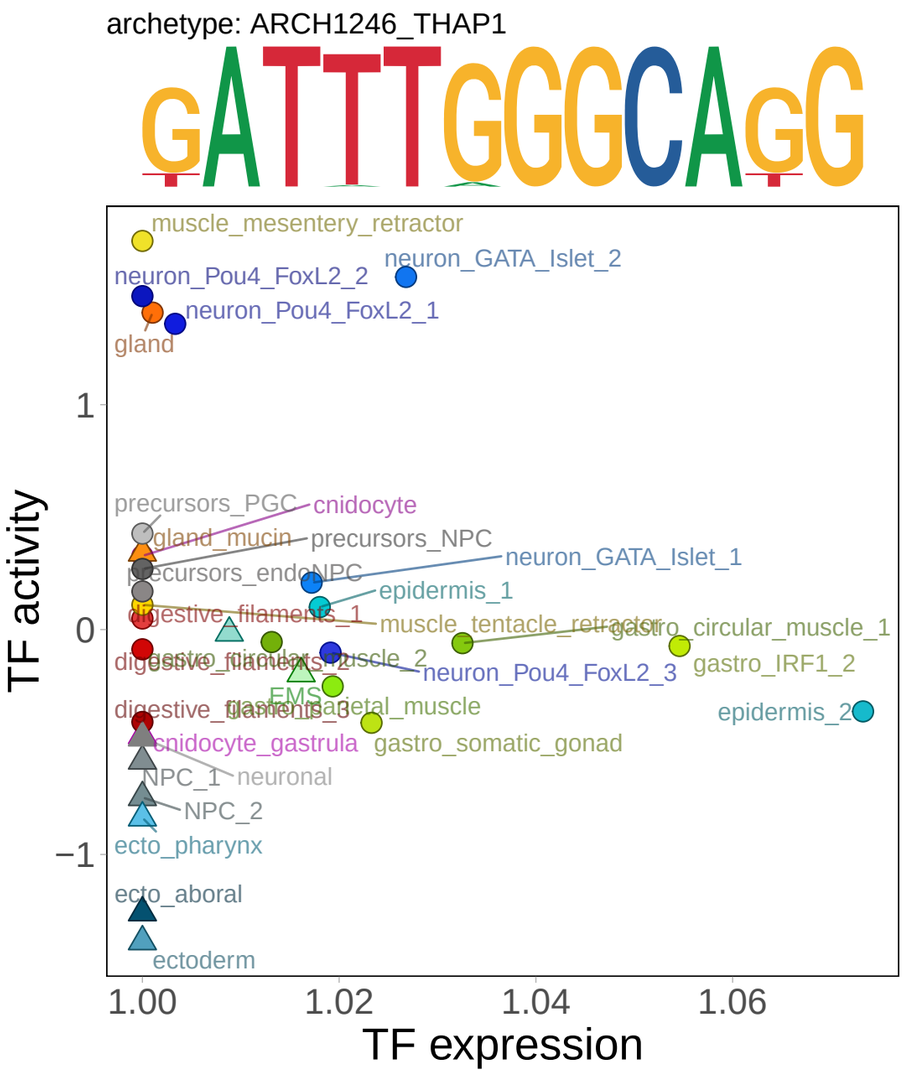
Nvec_vc1.1_XM_048729815.1
OG: zf−C2H2.HG3.36:YY1/YY2/ZFP42
PFAM: zf−C2H2/zf−C2H2/zf−C2H2



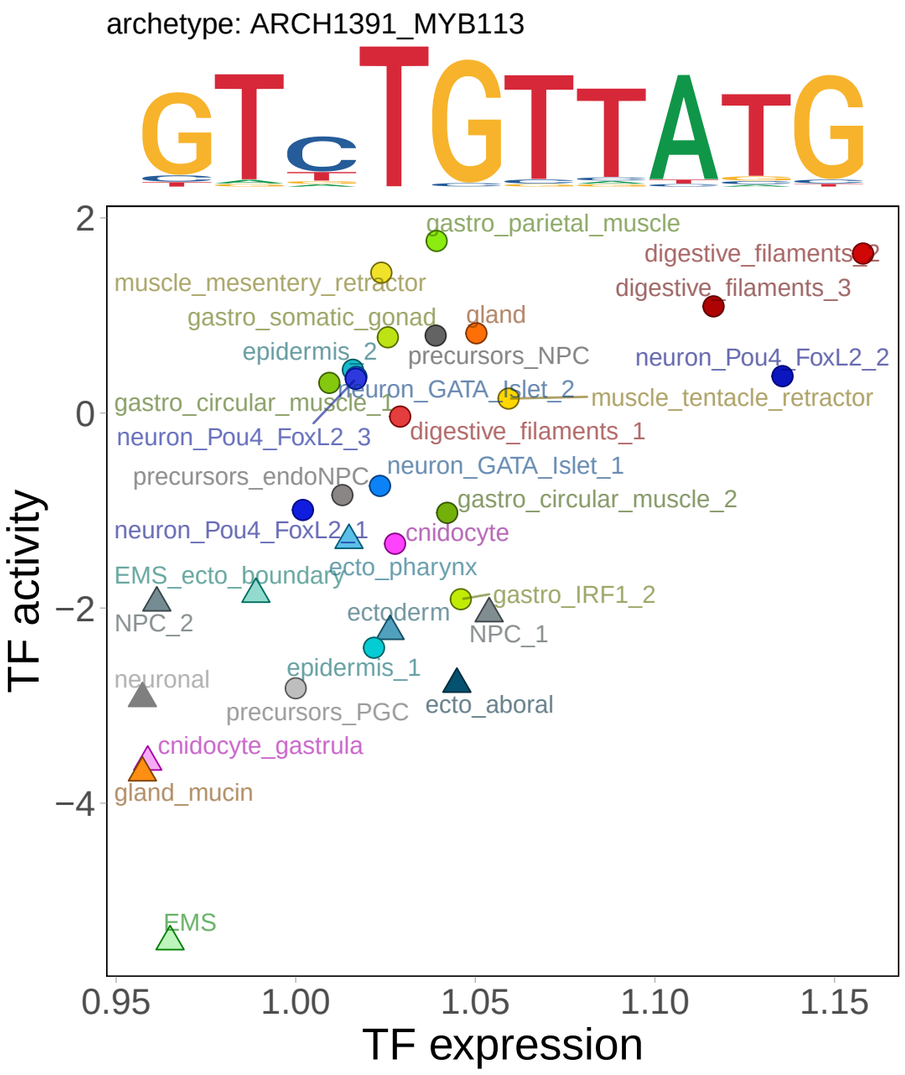
Nvec_vc1.1_XM_048730021.1
OG: zf−C2H2.HG2.4:MTF1/ZNF76/ZNF143
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



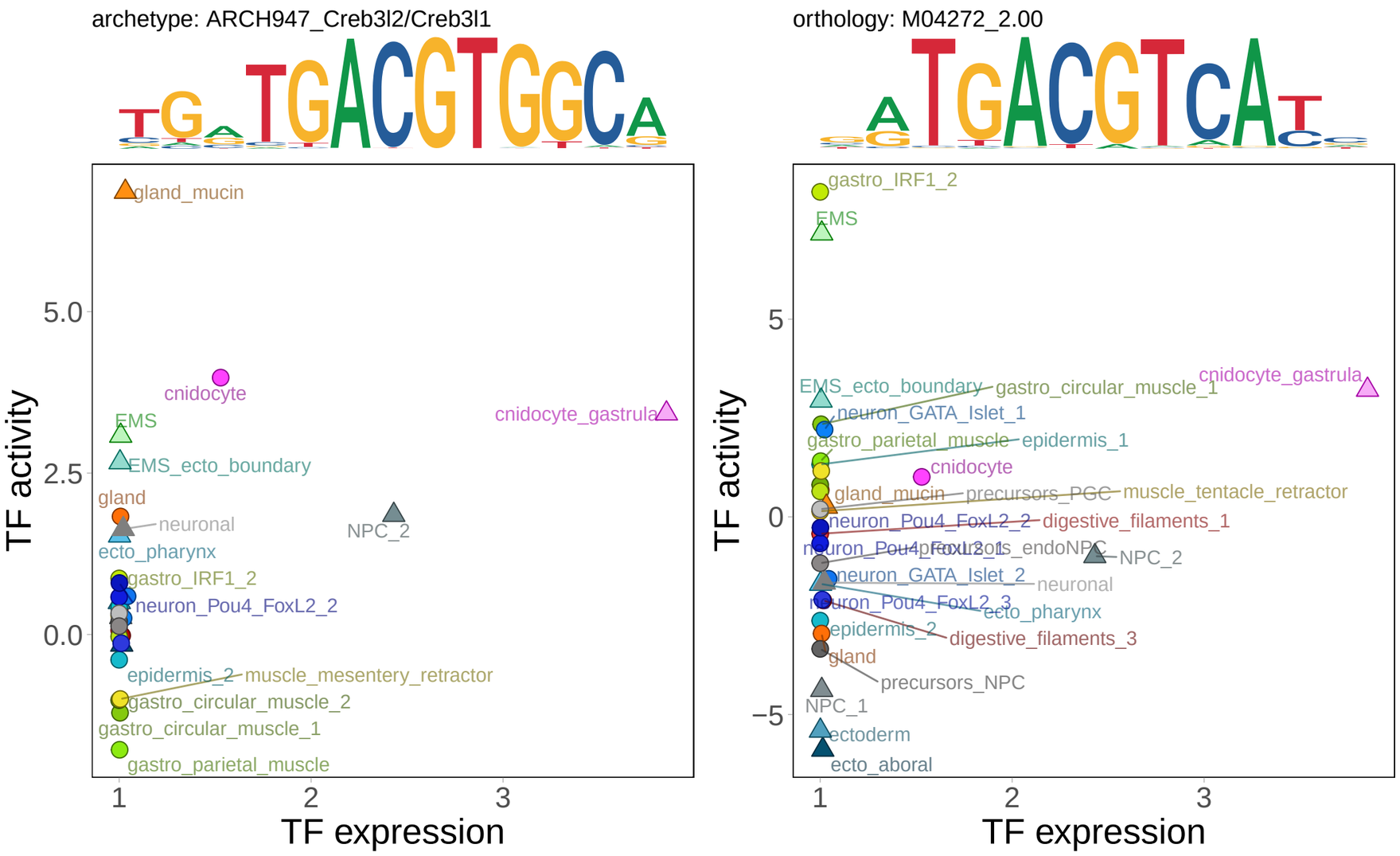
Nvec_vc1.1_XM_048730025.1
OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/THAP7/THAP8/THAP
PFAM: THAP



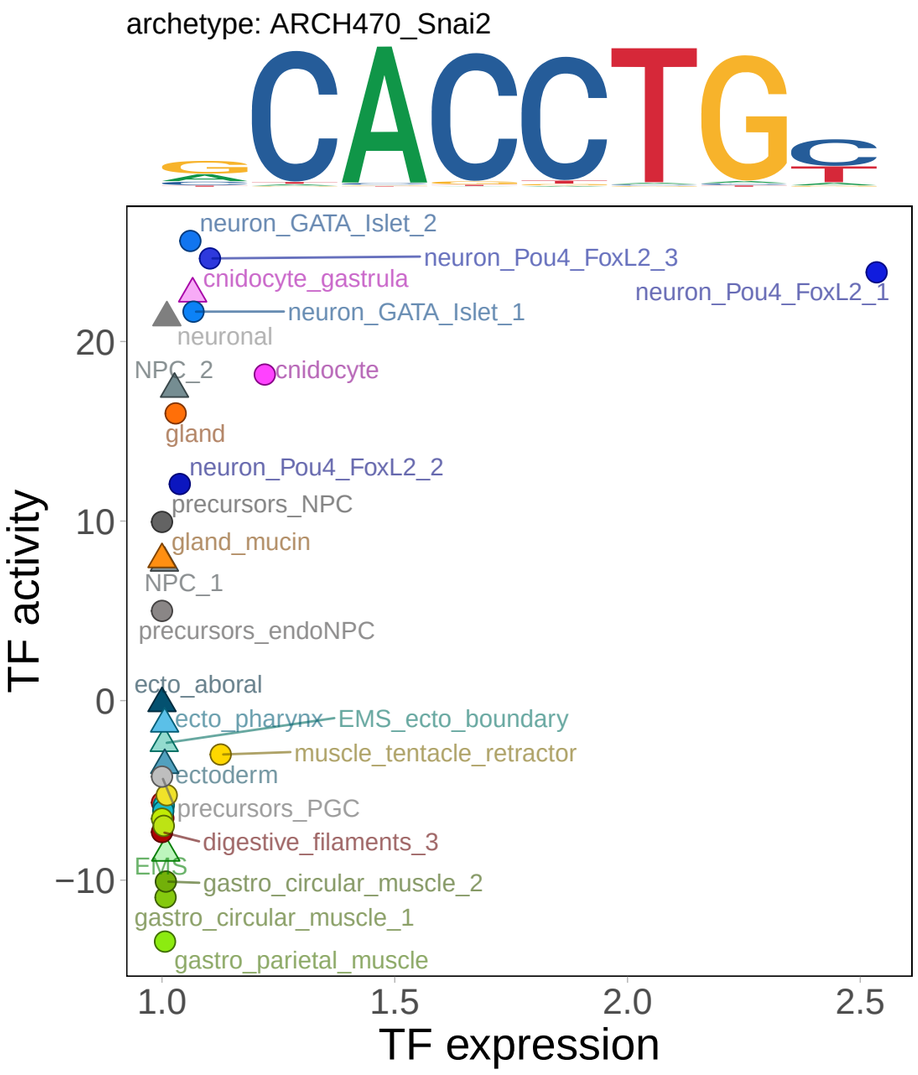
Nvec_vc1.1_XM_048730169.1
OG: Myb.HG1.11:MIS18BP1
PFAM: SANTA/Myb_DNA−binding



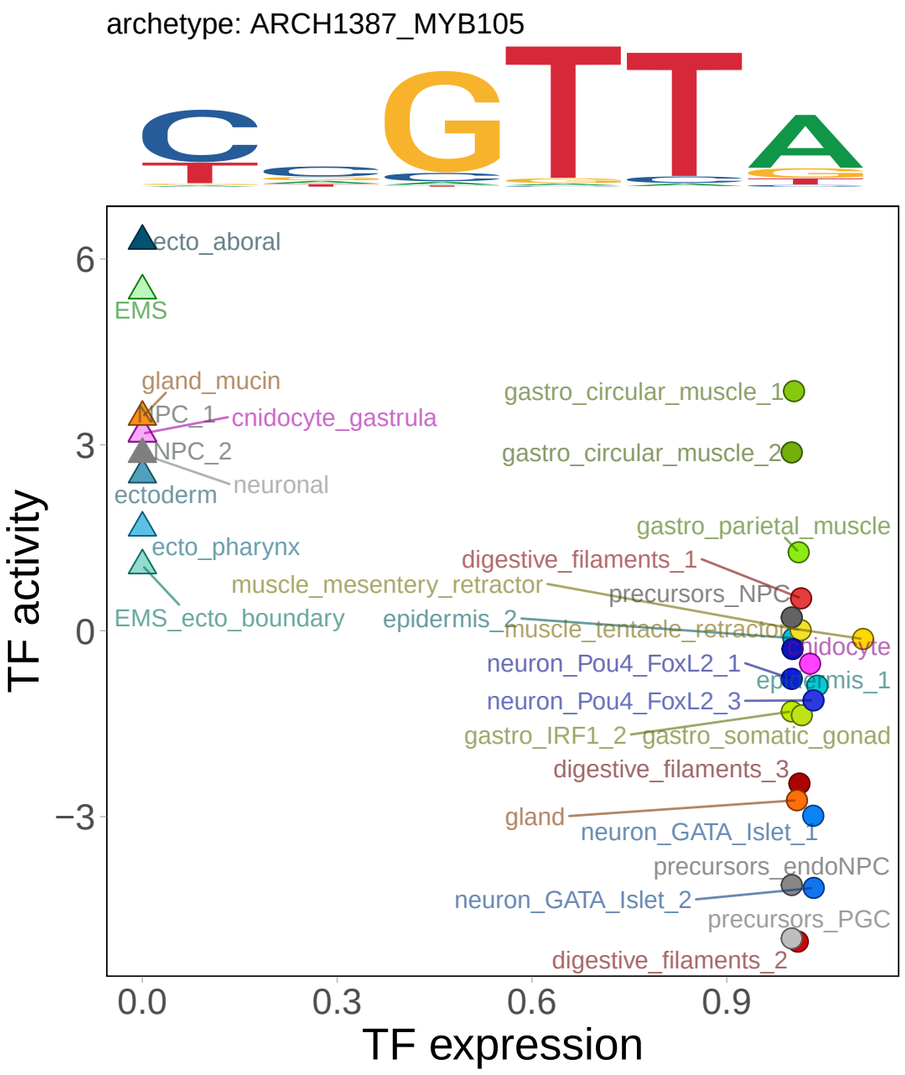
Nvec_vc1.1_XM_048730283.1
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1



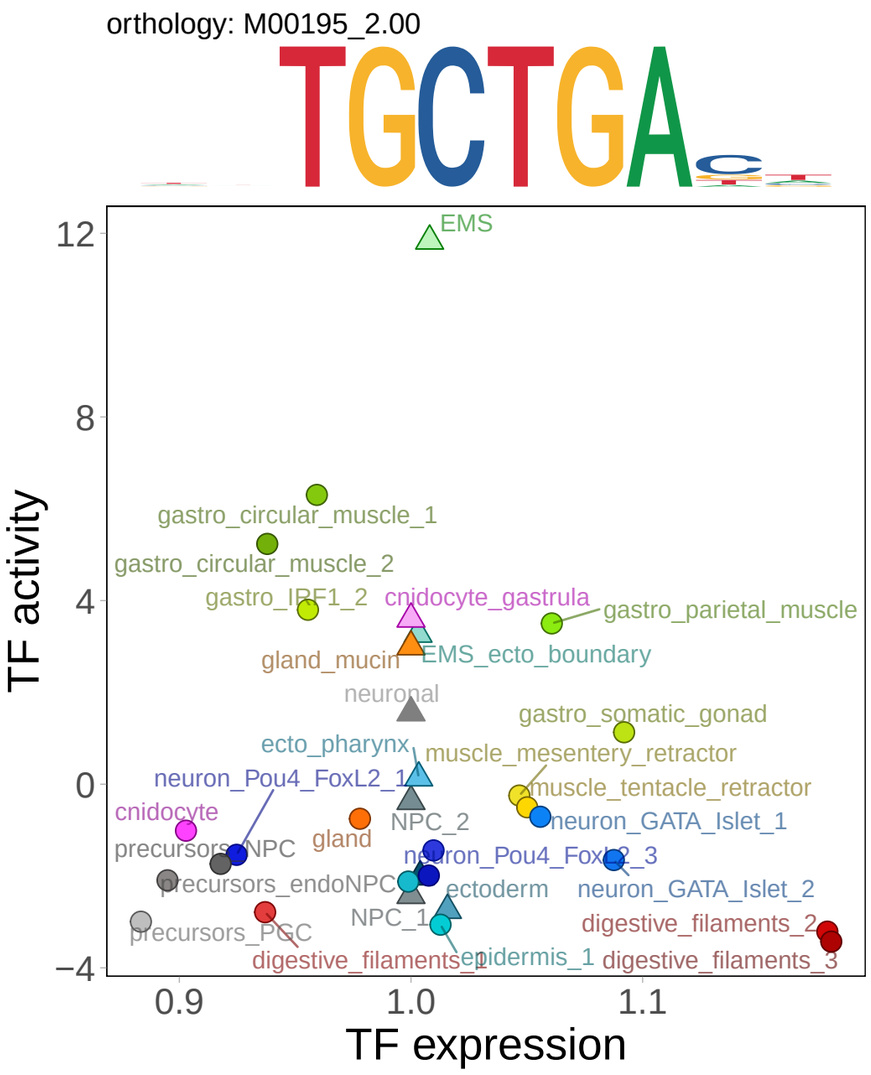
Nvec_vc1.1_XM_048731064.1
OG: zf−C2H2.HG87.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2

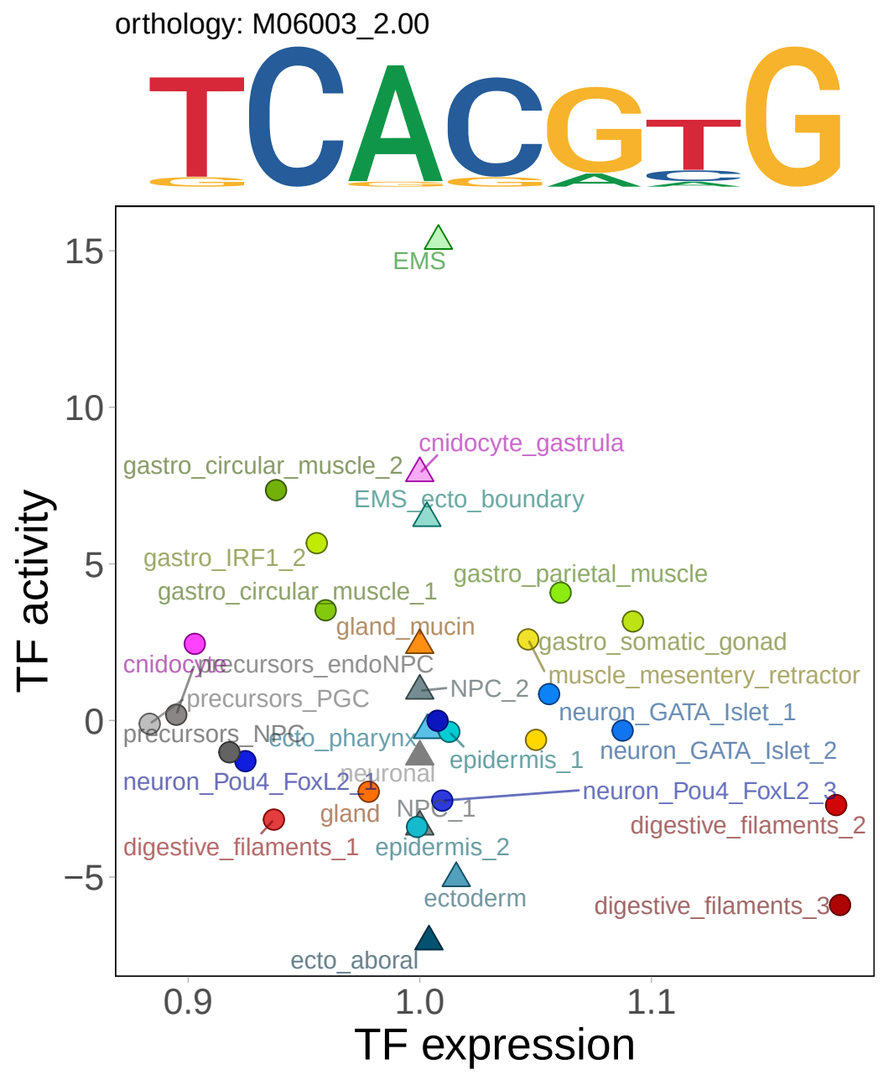


Nvec_vc1.1_XM_048731081.1
OG: Myb.HG1.21:like:MIER1/MIER2/MIER3/MTA1/MTA3
PFAM: Myb_DNA−binding

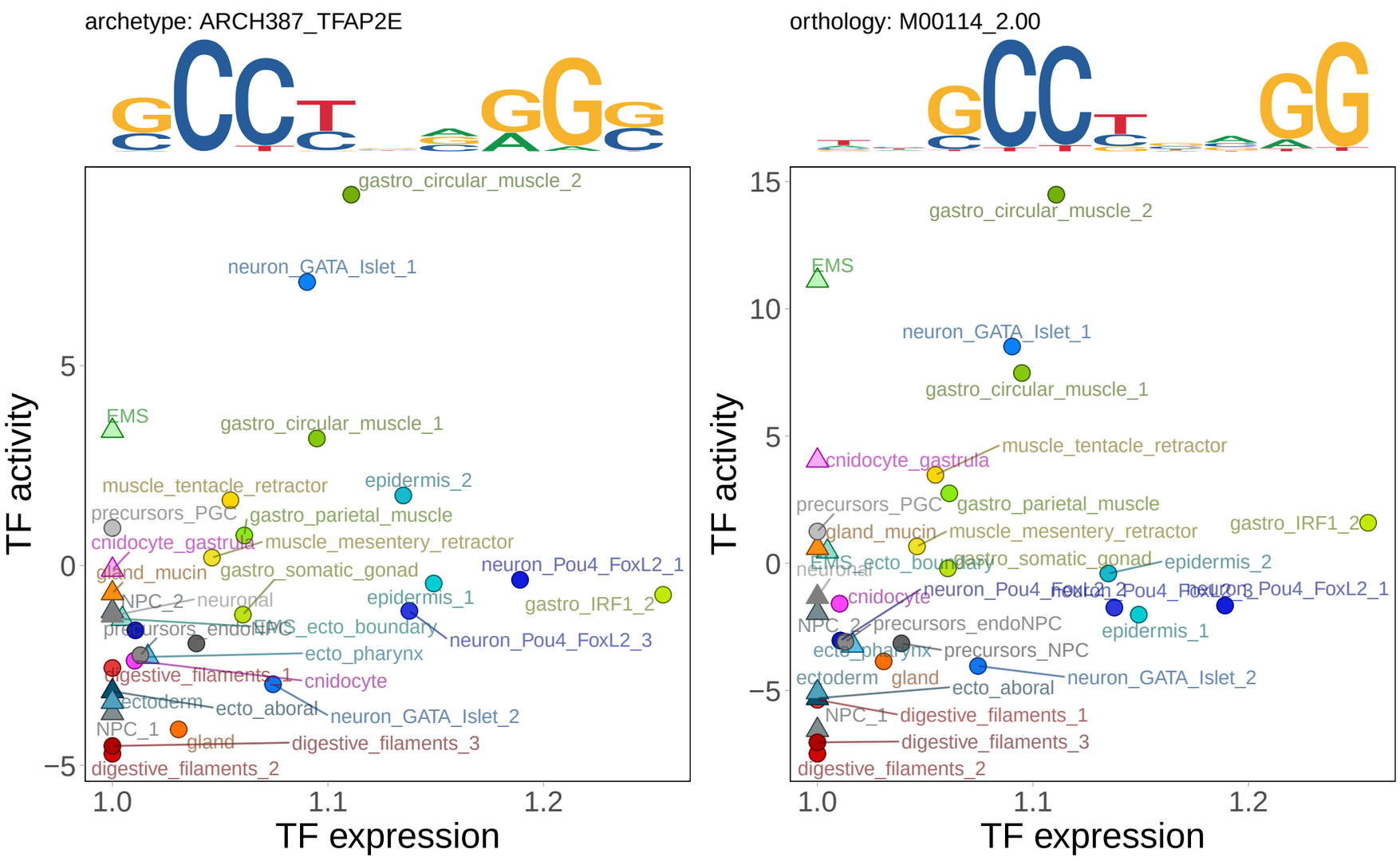


Nvec_vc1.1_XM_048731196.1
OG: HMGbox_Sox.HG1.4:like:HBP1
PFAM: HLH/HMG_box/zf−CW

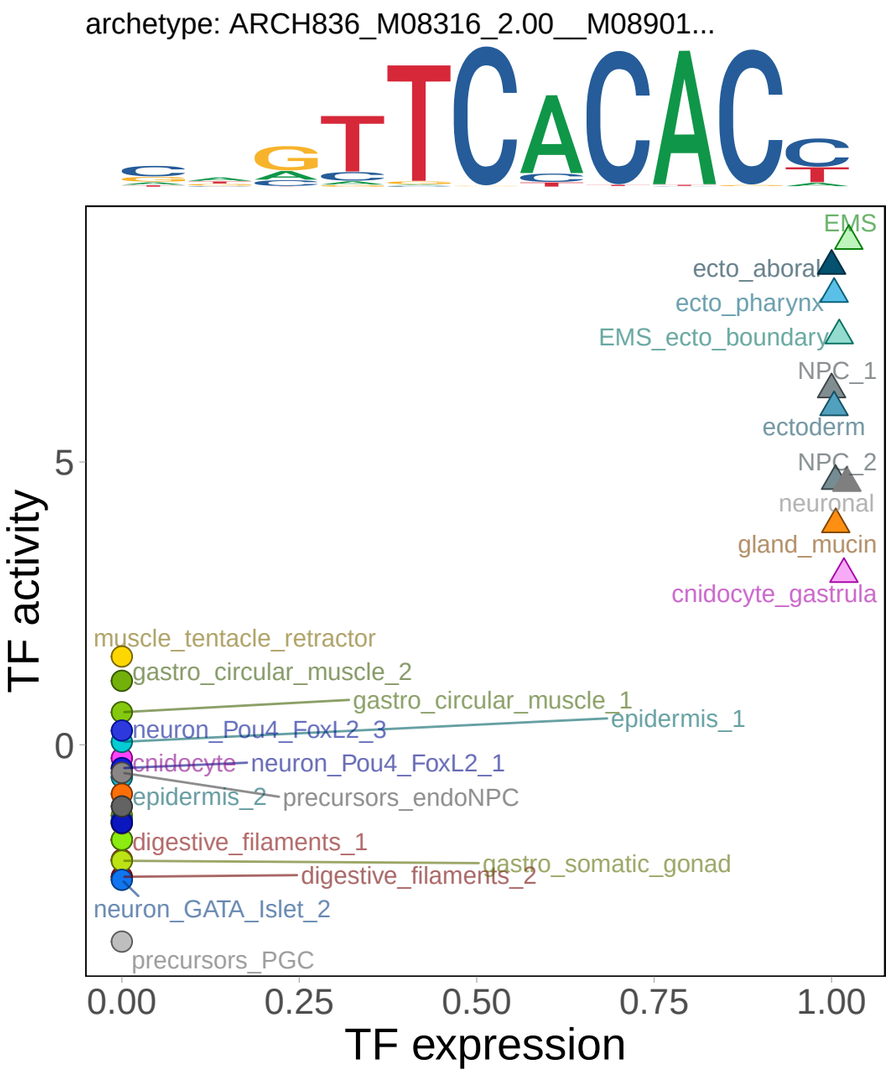




Nvec_vc1.1_XM_048731339.1
OG: AP−2.HG1.3:like:TFAP2A/TFAP2B/TFAP2C/TFAP2D/TFAP2E
PFAM: TF_AP−2

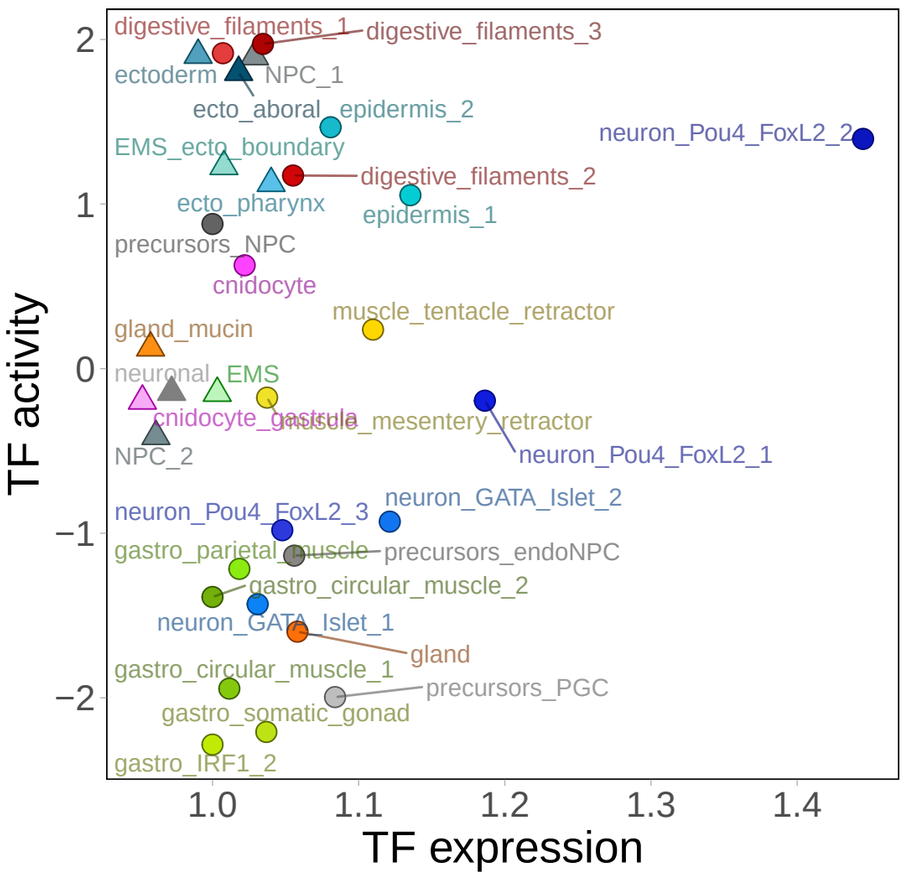


Nvec_vc1.1_XM_048731616.1
OG: zf−C2H2.HG17.1:HIC2
PFAM: zf−C2H2/zf−C2H2_11/zf−C2H2

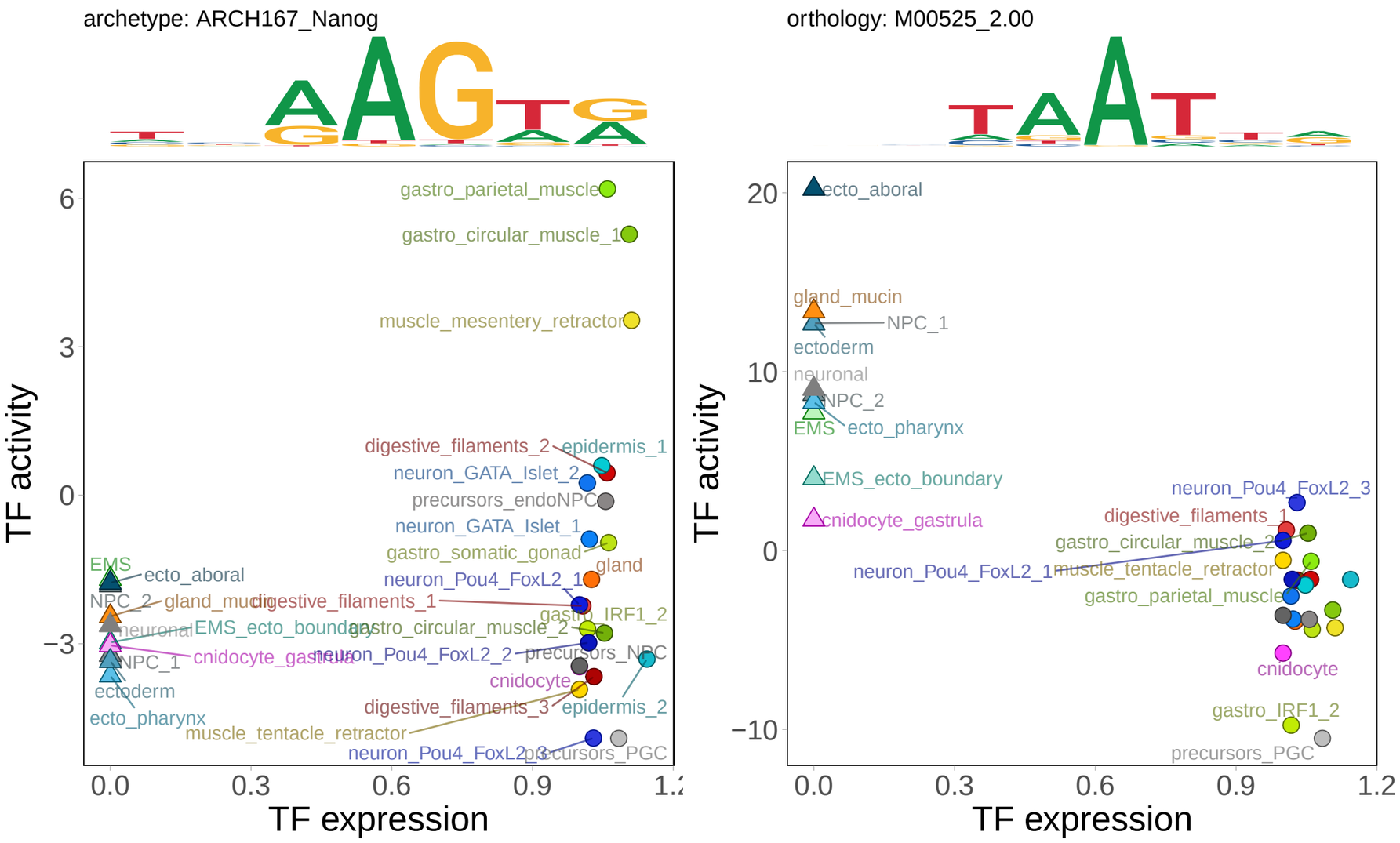


Nvec_vc1.1_XM_048731647.1
OG: zf−C2H2.HG36.2:ZNF425
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2_6/zf−C2H2_6/zf−C2H

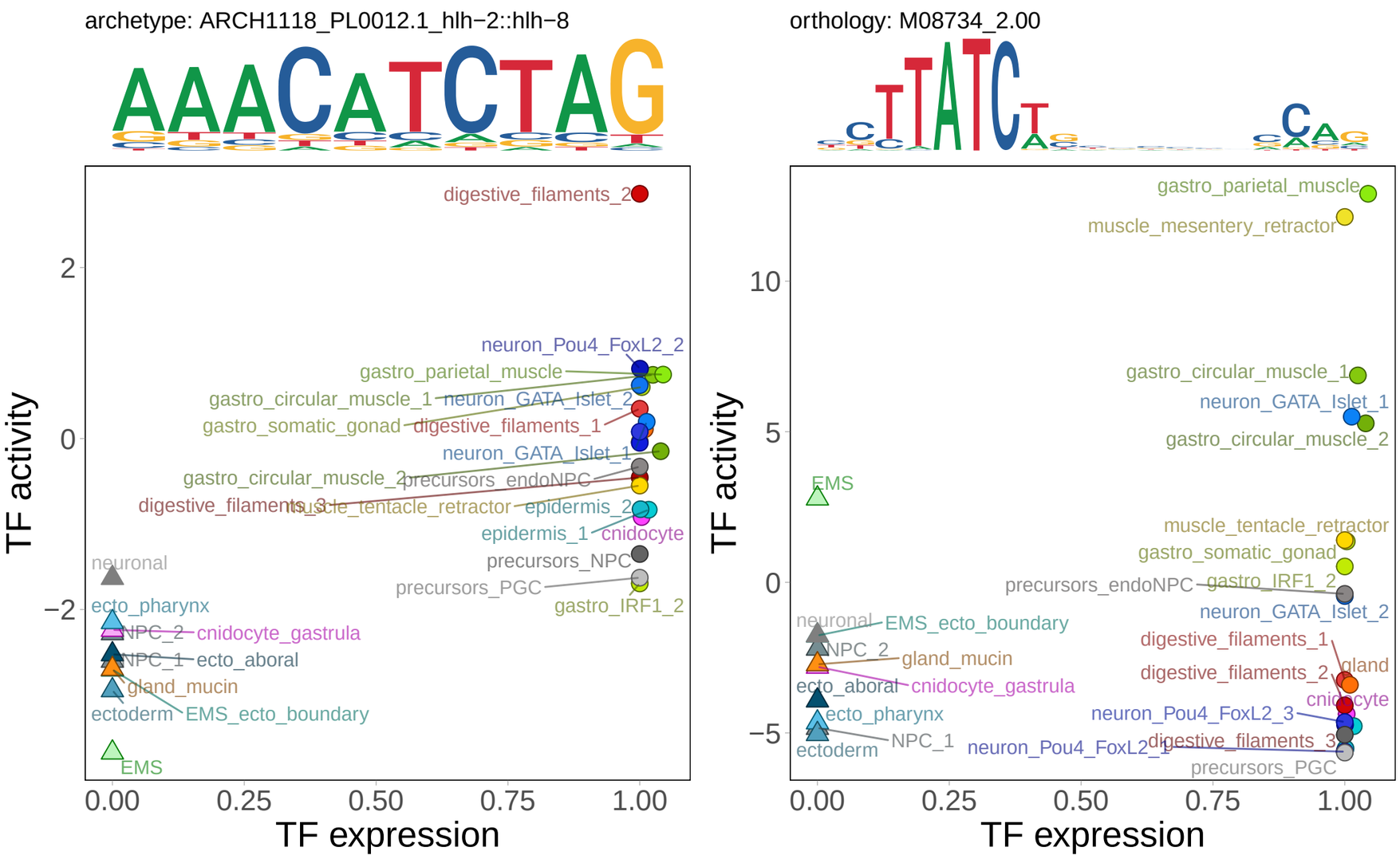
archetype: ARCH1345_Gfi1b/Gfi1



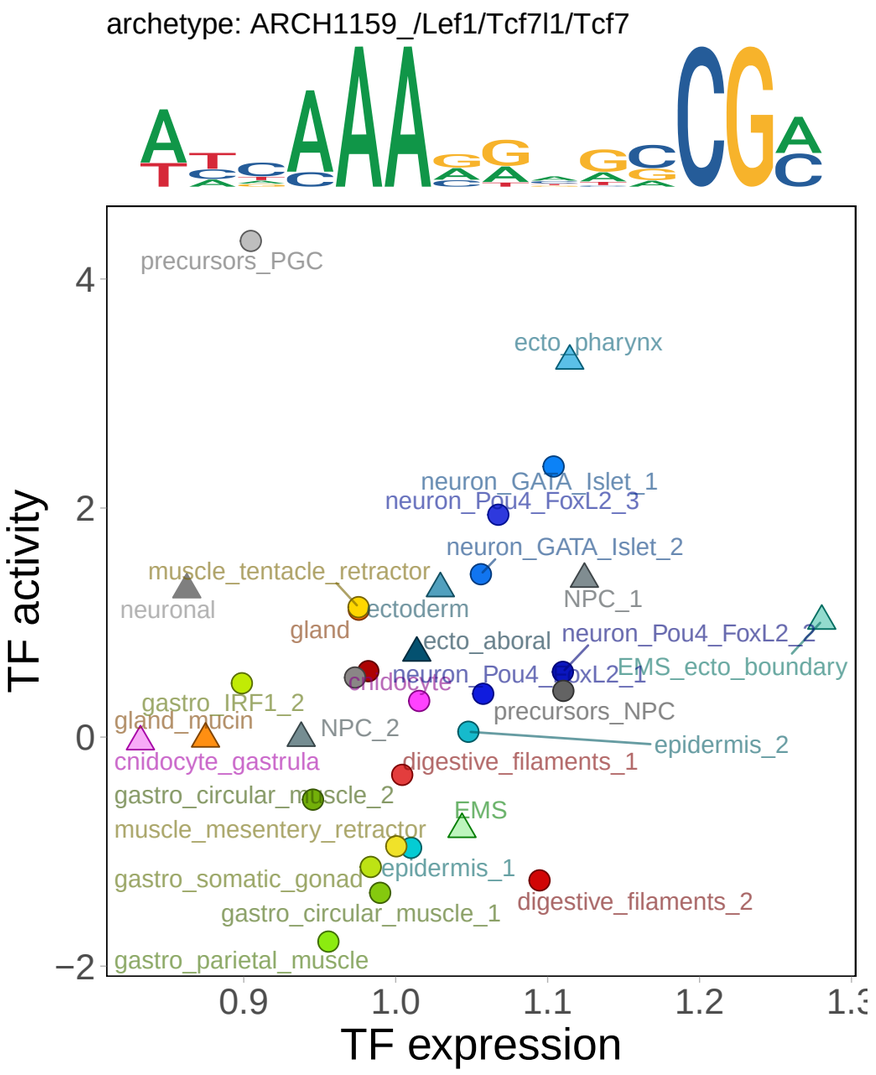
Nvec_vc1.1_XM_048731755.1
OG: Homeodomains.HG1.5:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/BARX2/BSX/CDX1/CD
PFAM: Homeodomain

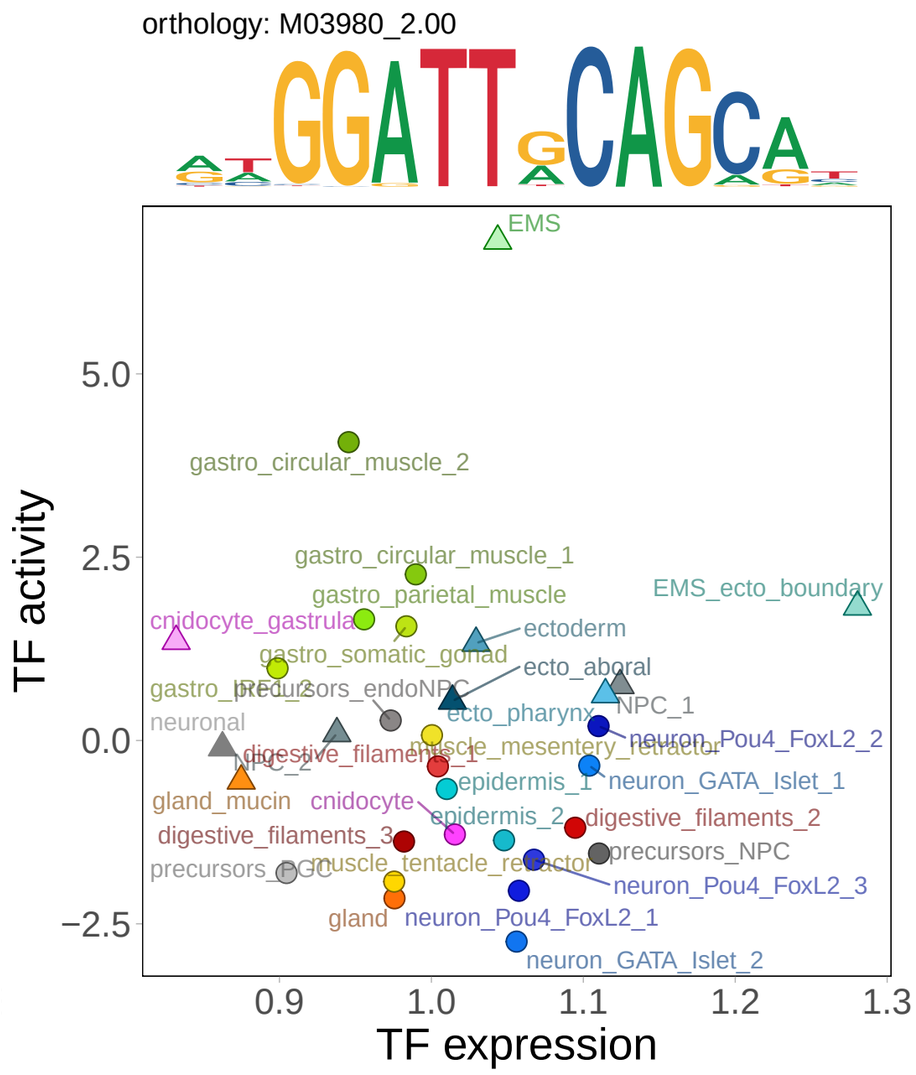


Nvec_vc1.1_XM_048731942.1
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/TAL2
PFAM: HLH



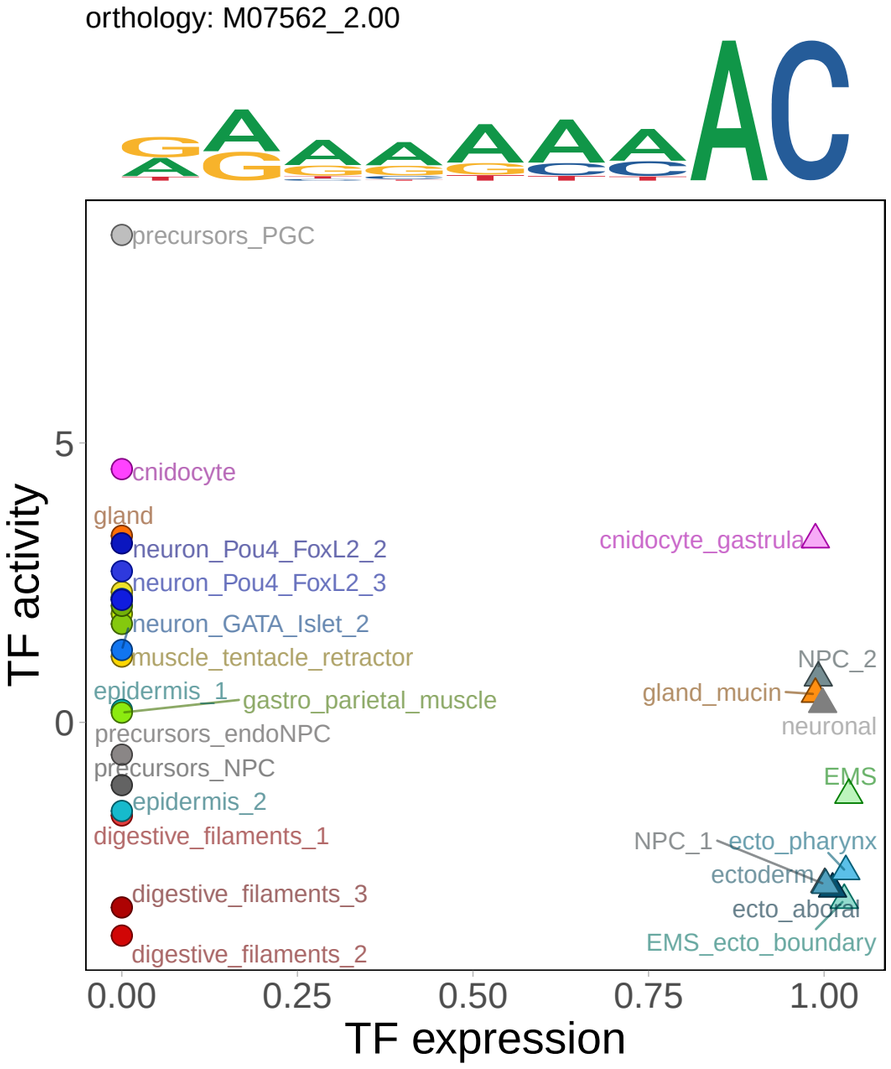
Nvec_vc1.1_XM_048731950.1
OG: HMGbox_Sox.HG1.39:HMGXB4
PFAM: HMG_box



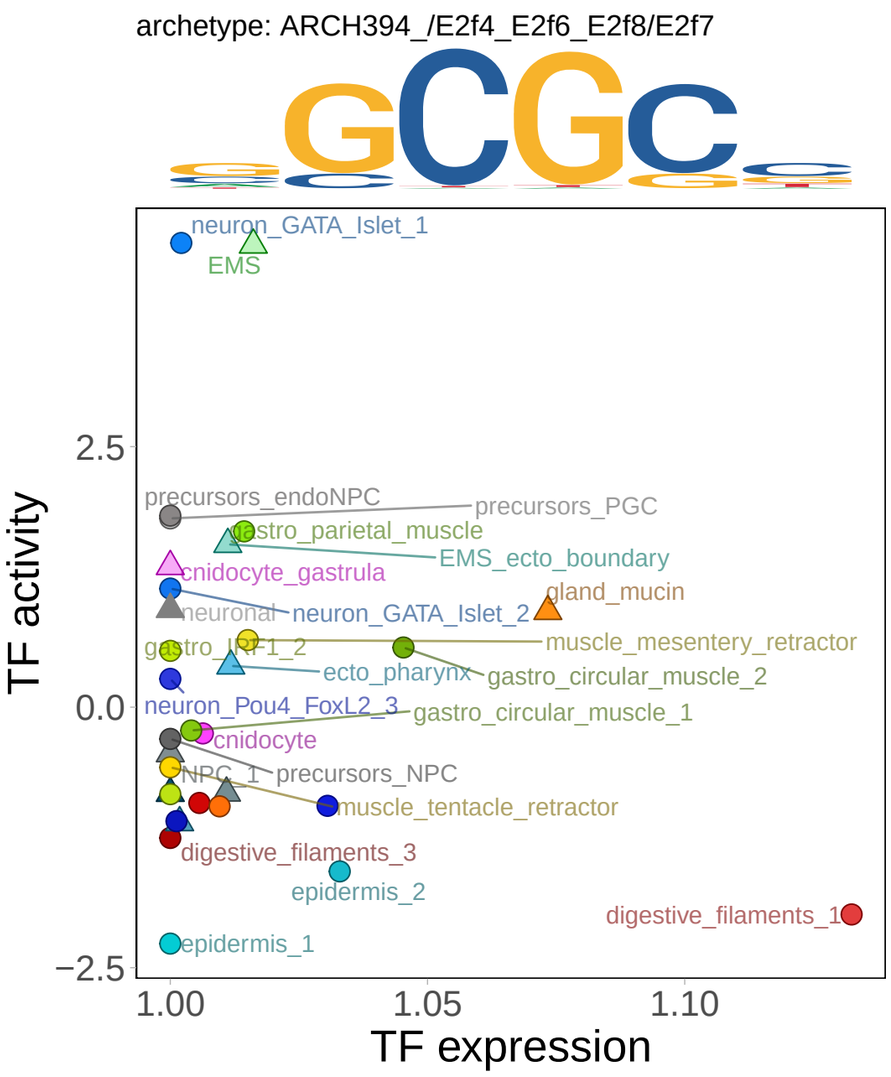


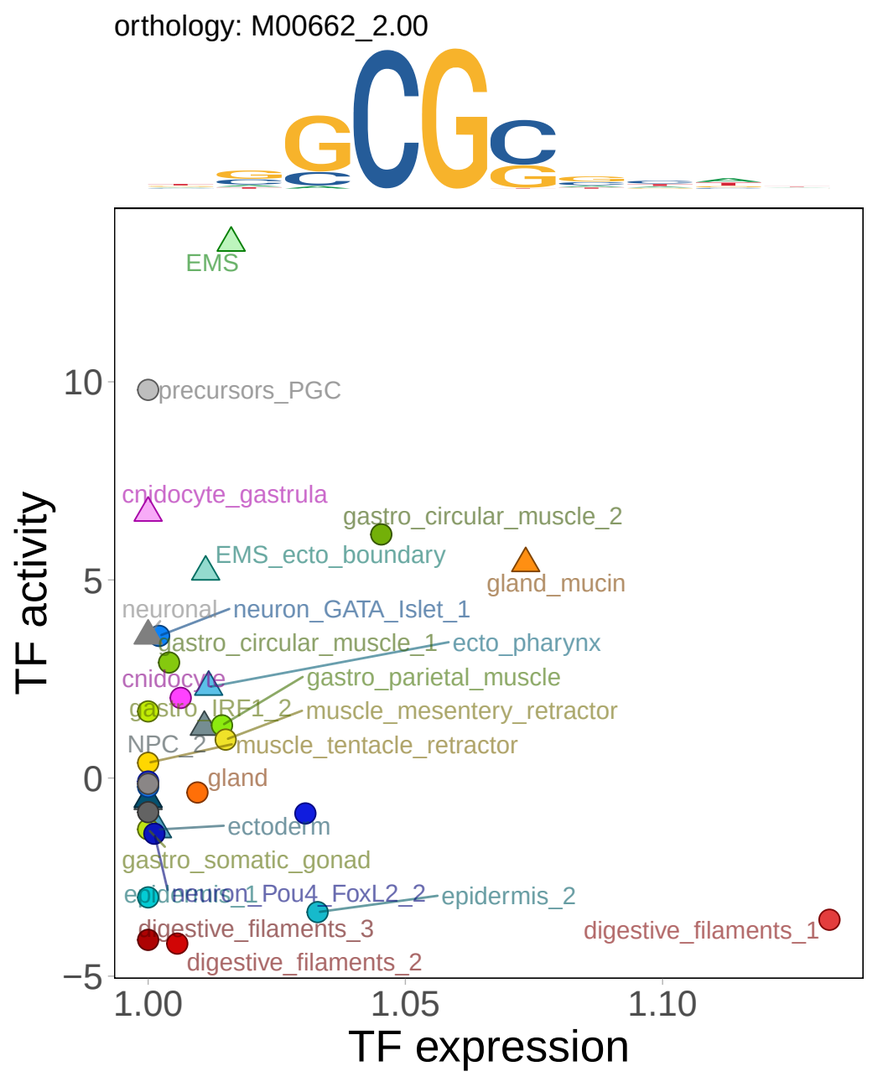
Nvec_vc1.1_XM_048732095.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN29/ZSCAN32
PFAM: Myb_DNA−bind_4

orthology: M07562_2.00

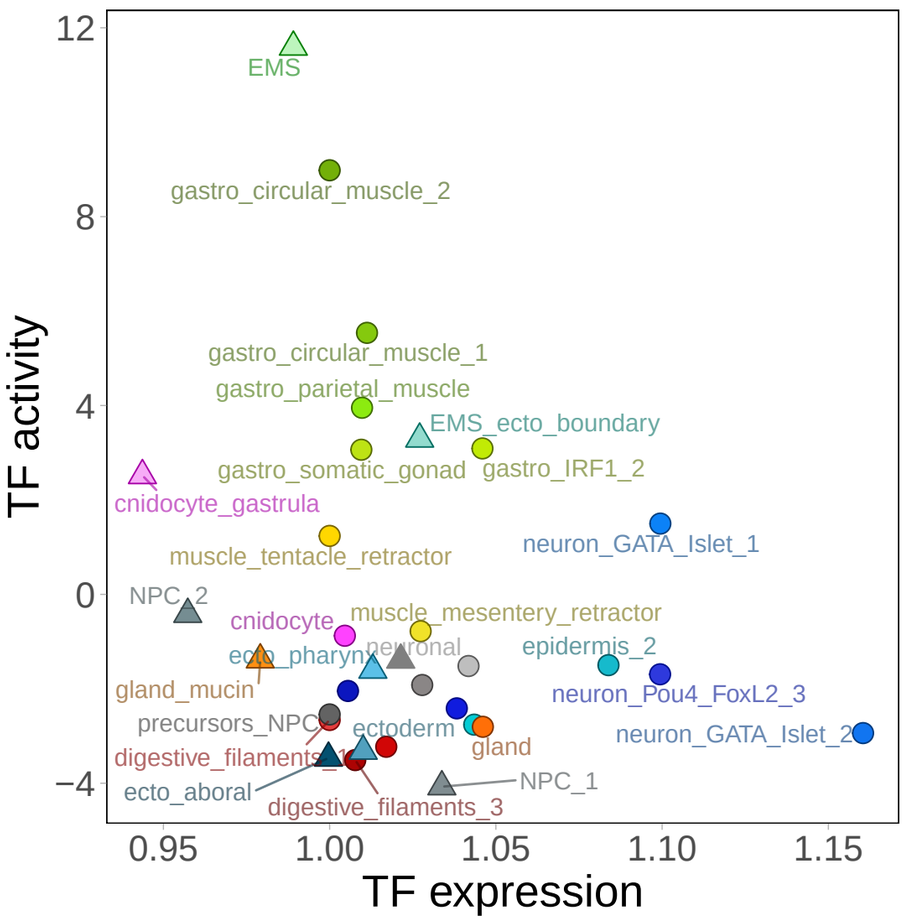


Nvec_vc1.1_XM_048732398.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP

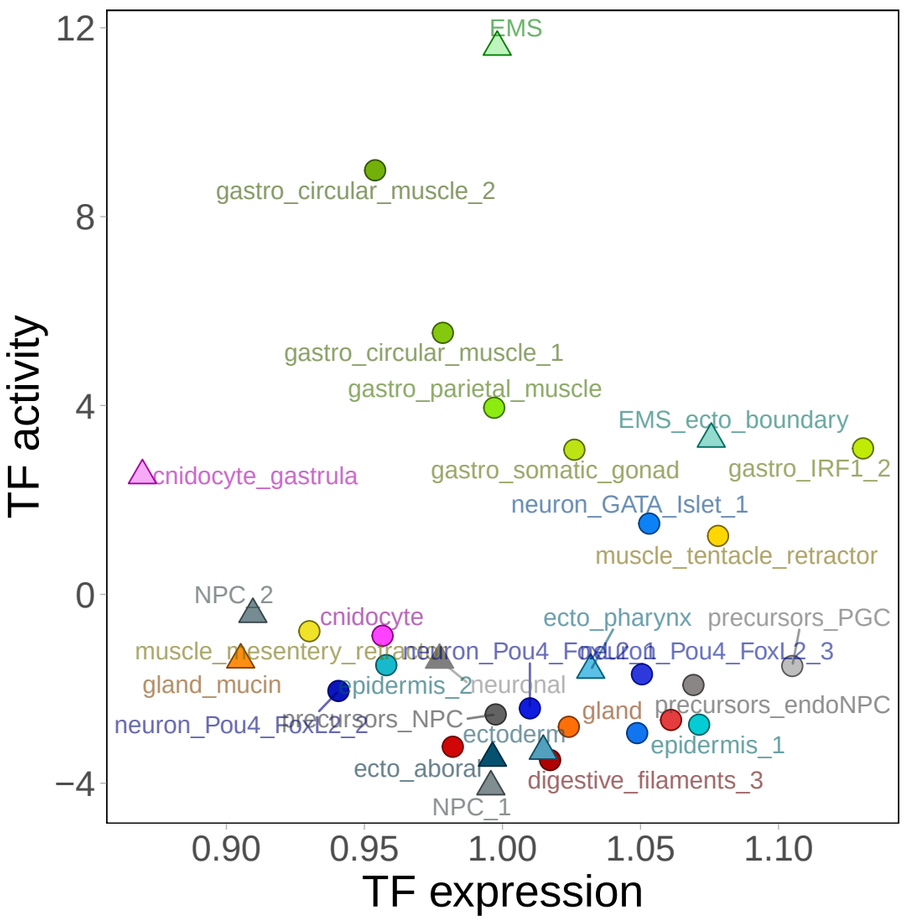




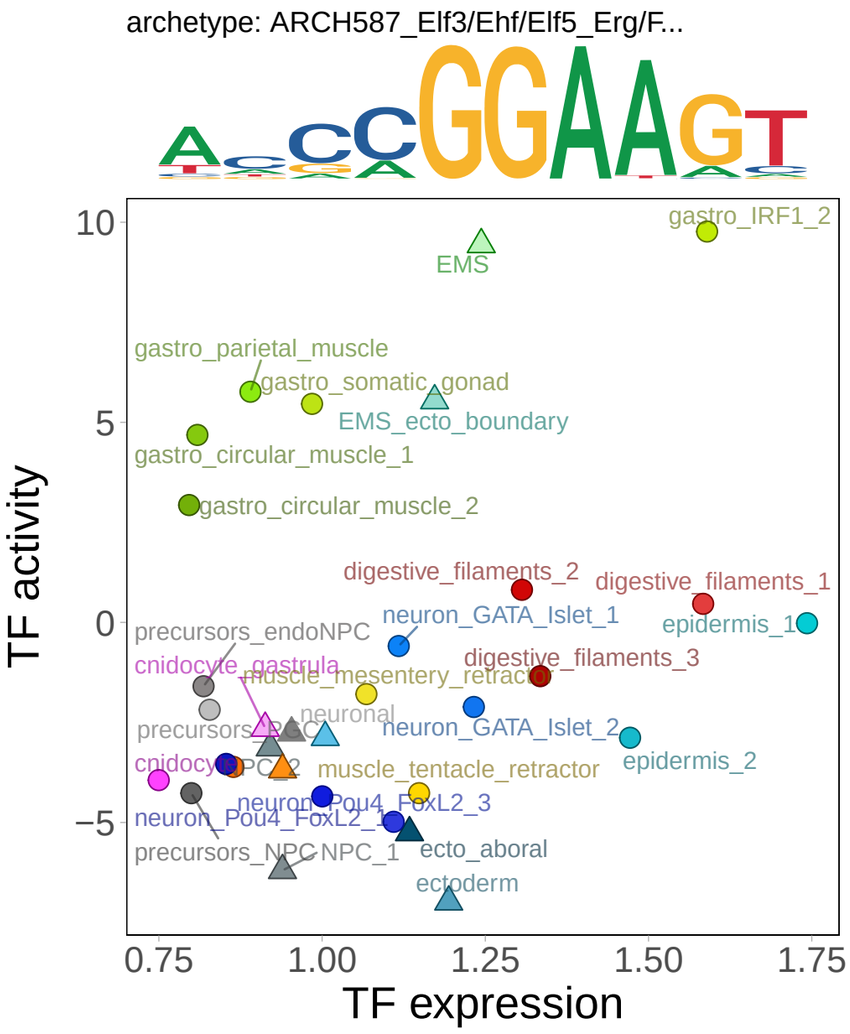
orthology: M09257_2.00

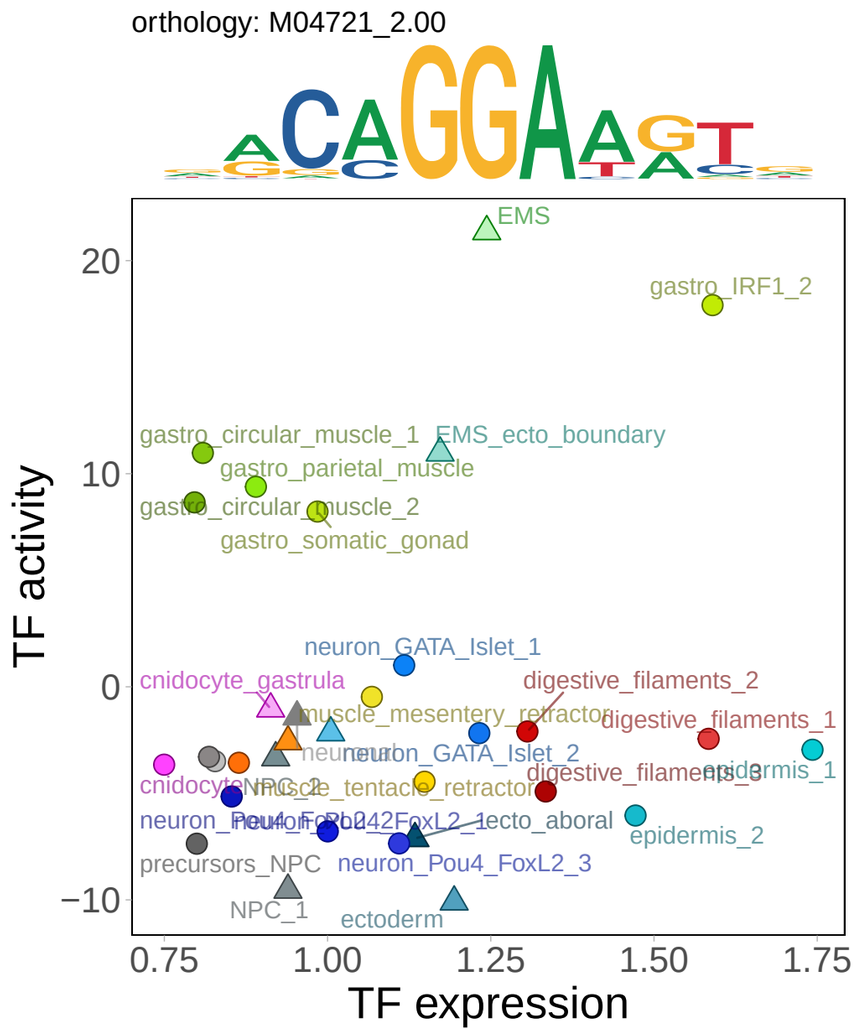


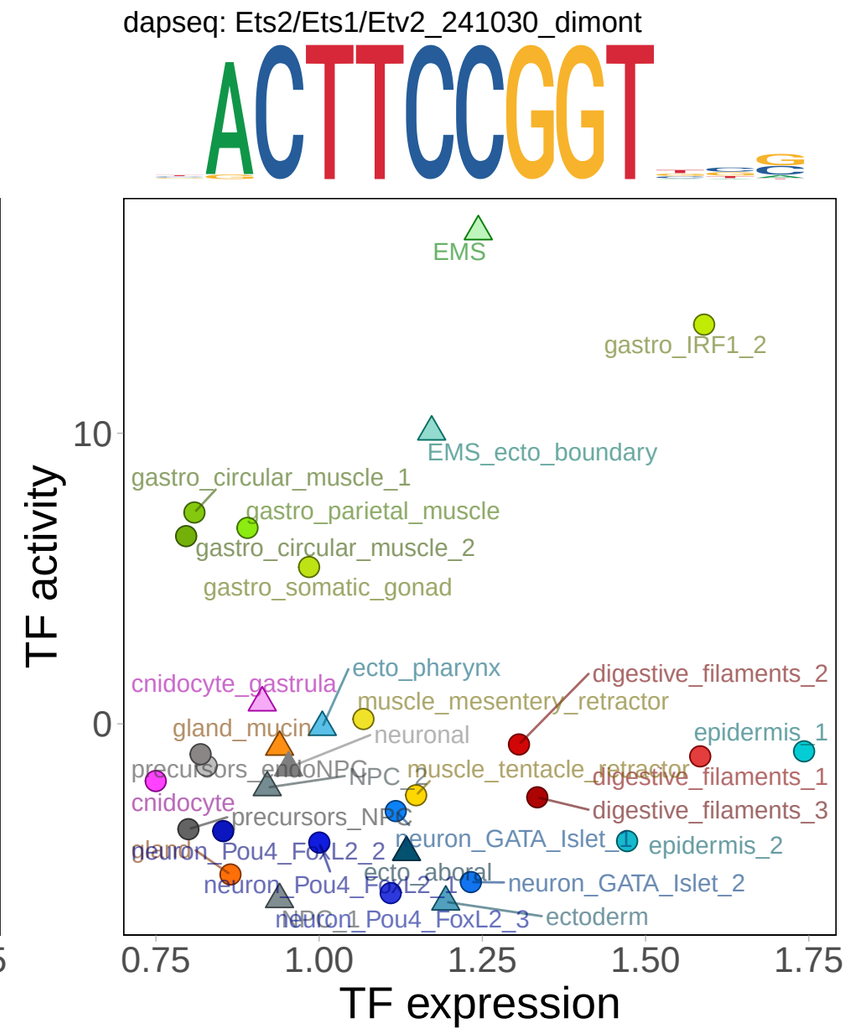
orthology: M09257_2.00

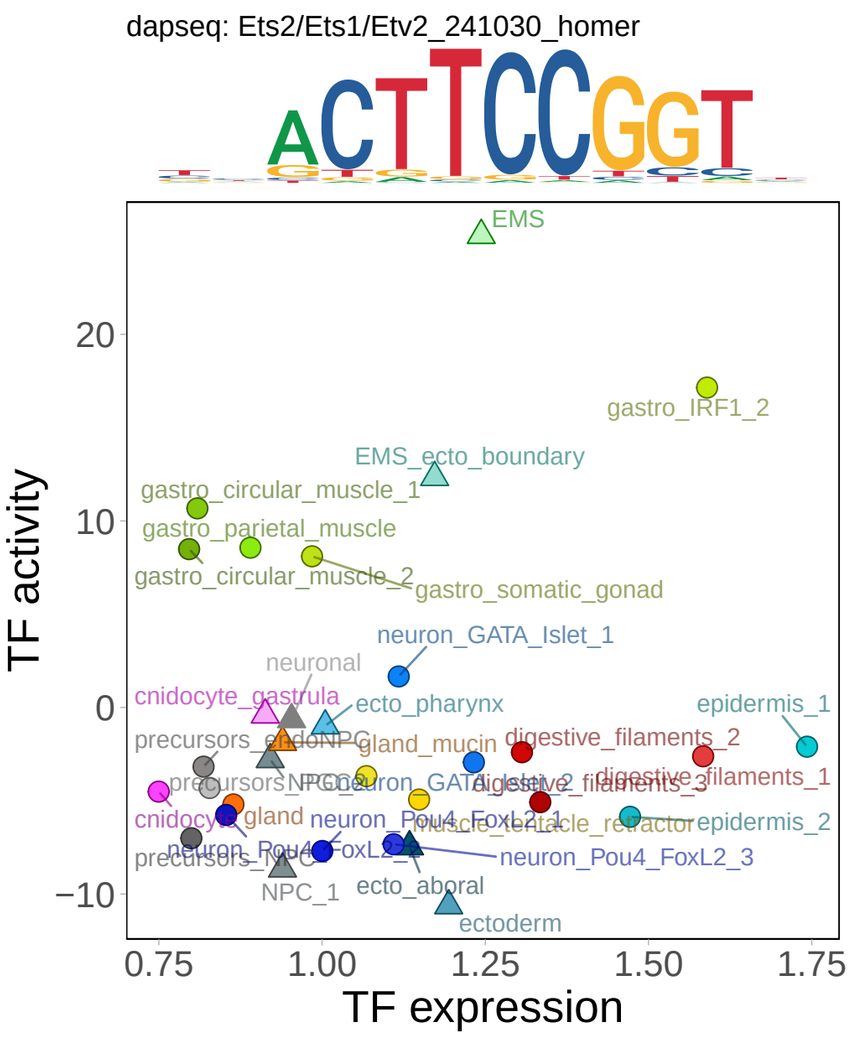


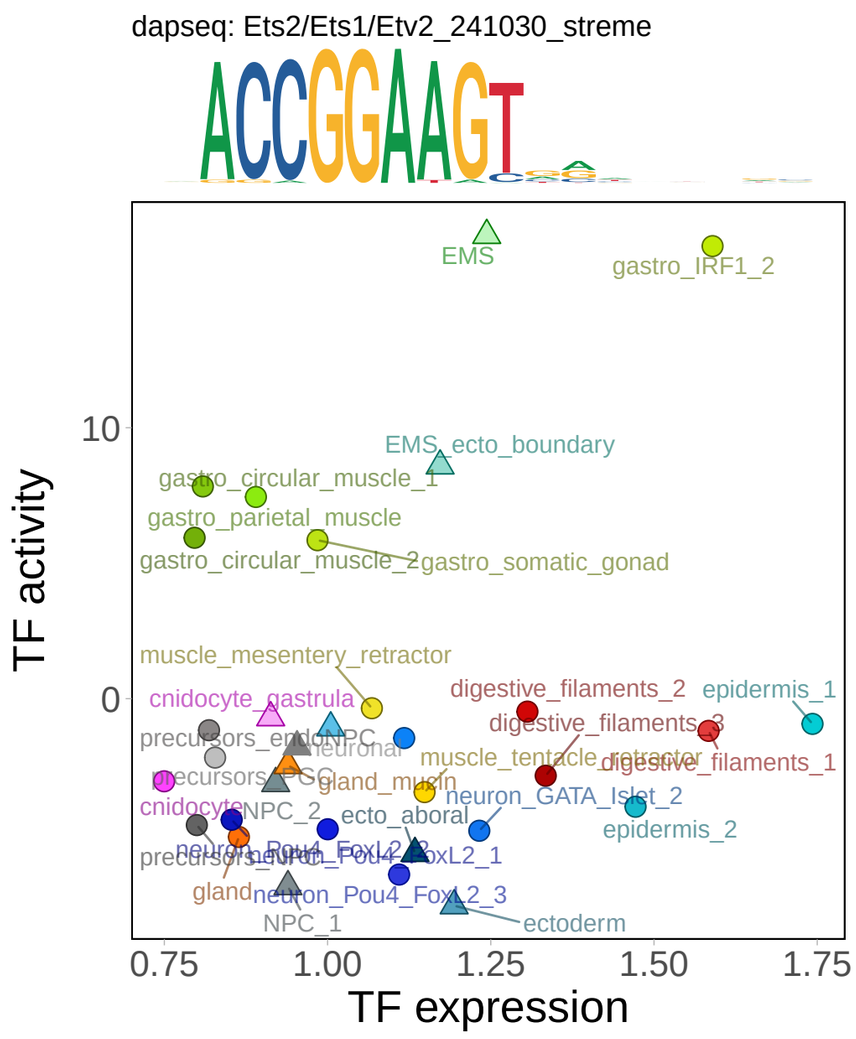
Nvec_vc1.1_XM_048732532.1
OG: Ets.HG1.8:ETS1/ETS2
PFAM: Ets



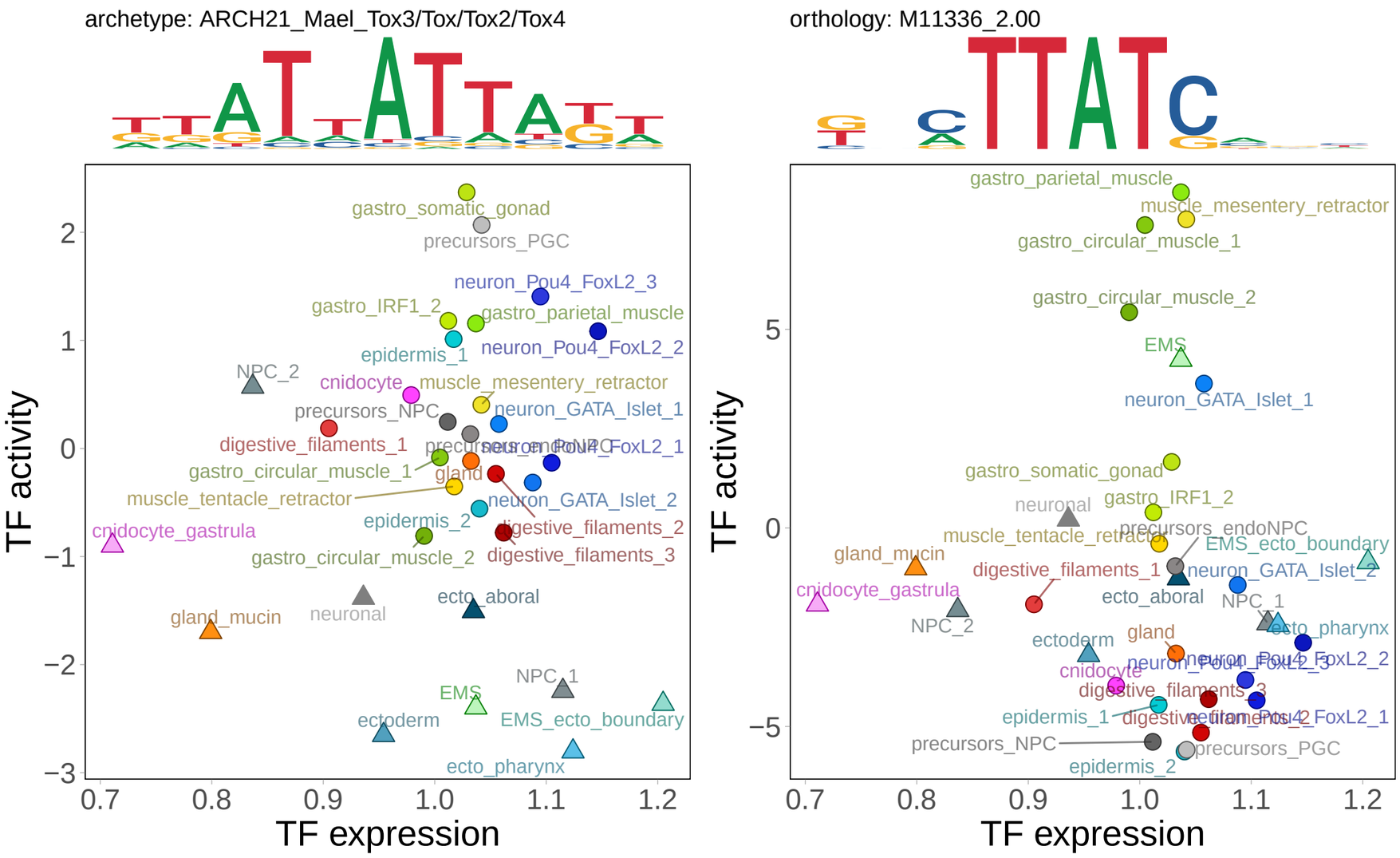






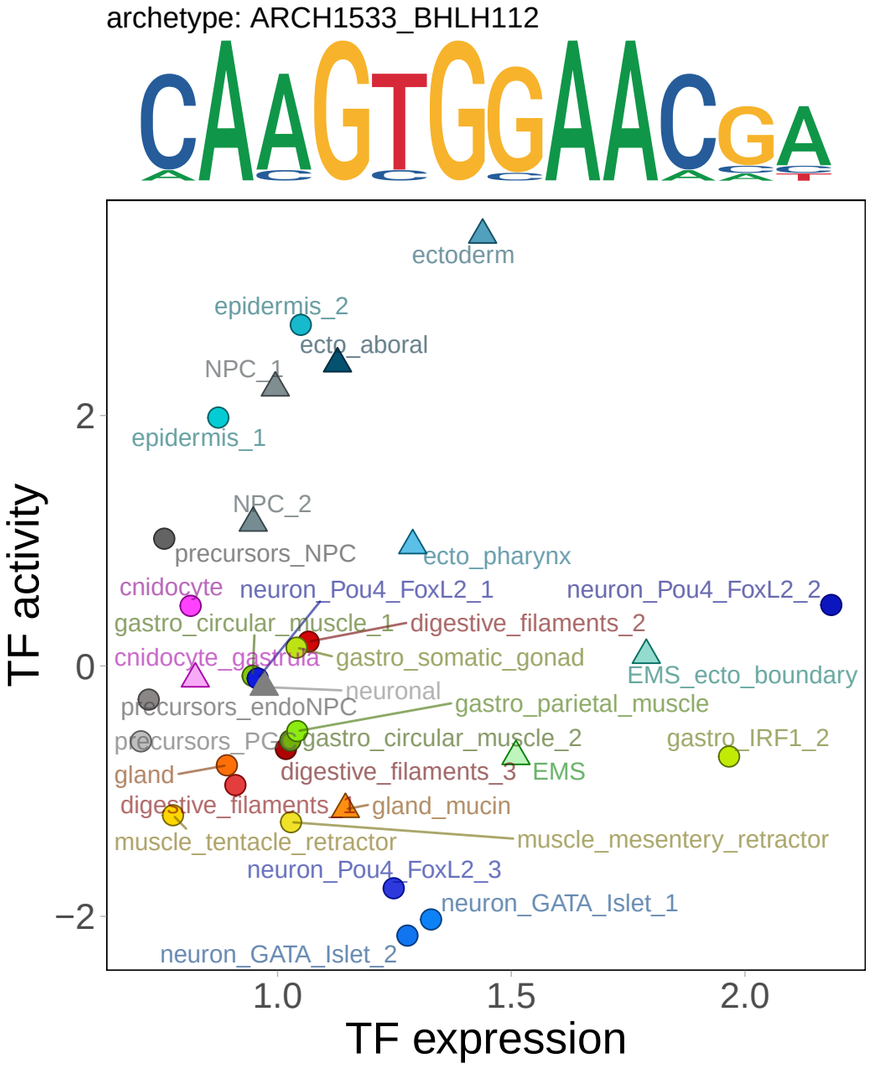


Nvec_vc1.1_XM_048732776.1
OG: HMGbox_Sox.HG1.22:MAEL
PFAM: HMG_box_2/Maelstrom

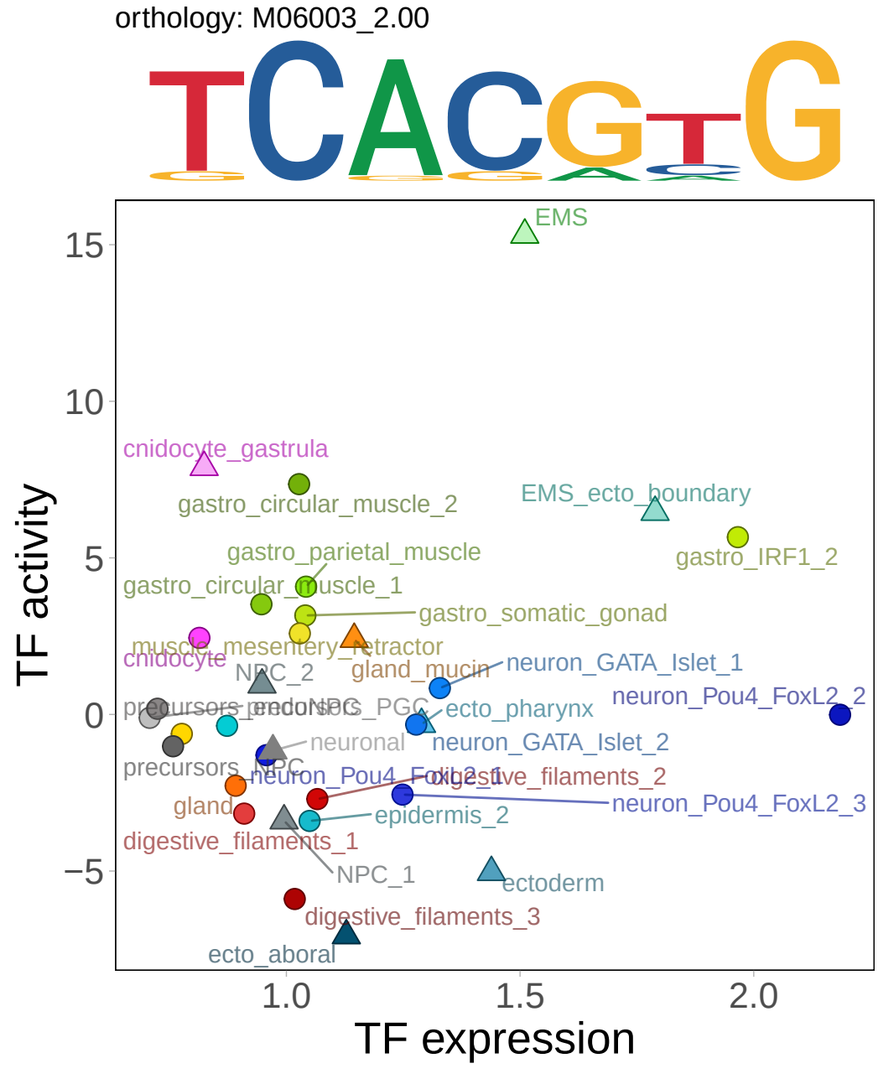


Nvec_vc1.1_XM_048733302.1
OG: HLH.HG1.33:MITF/TFE3/TFEB/TFEC
PFAM: MITF_TFEB_C_3_N/HLH

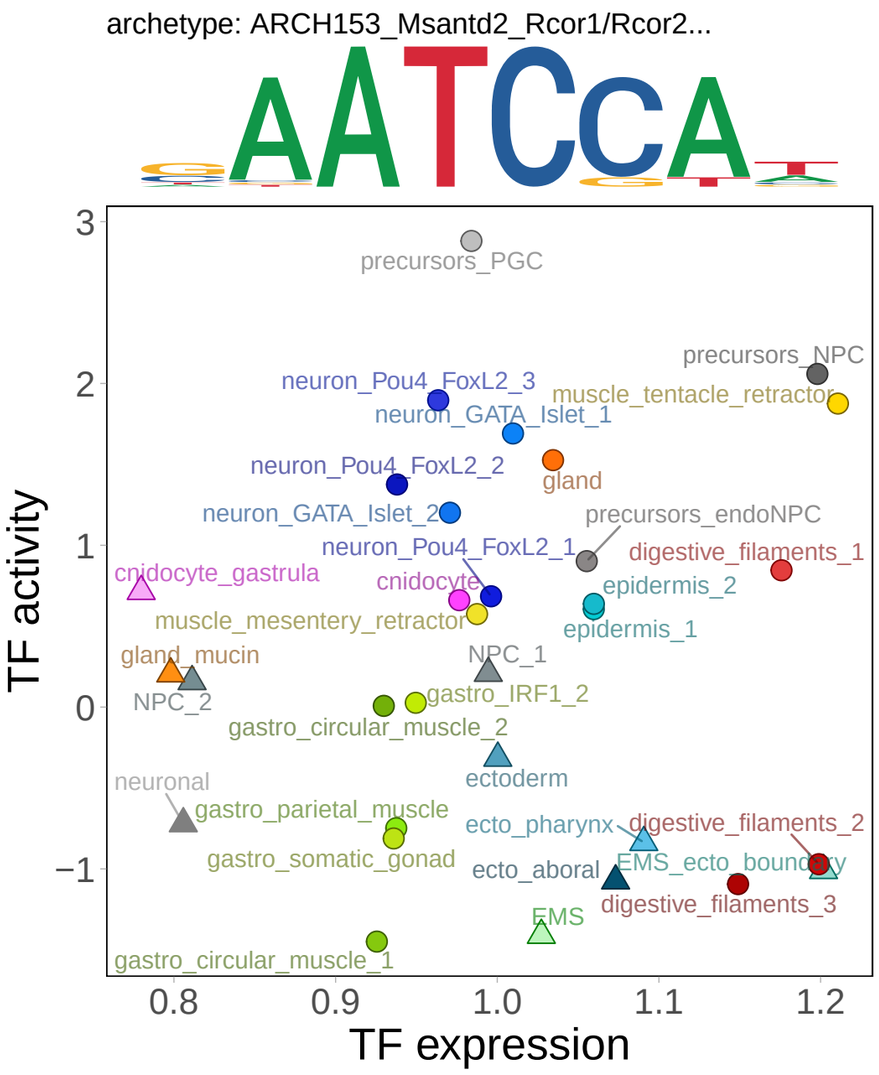
archetype: ARCH1533_BHLH112

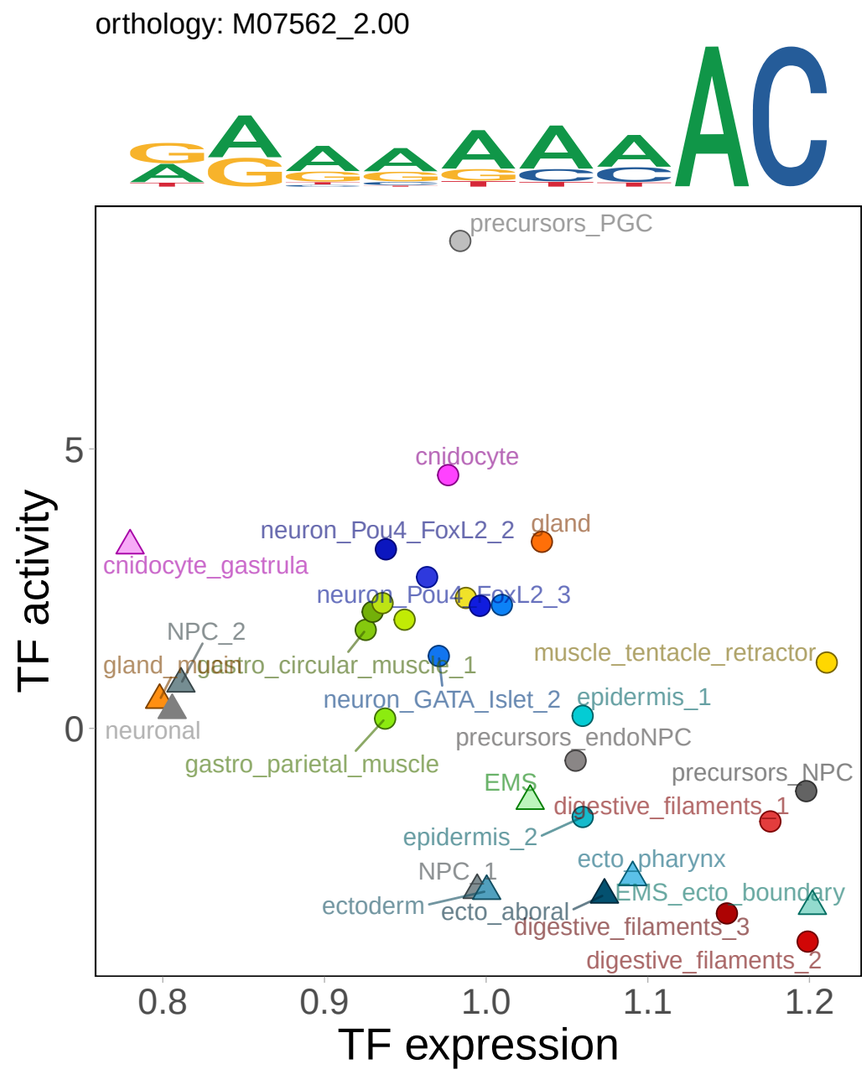


orthology: M06003_2.00

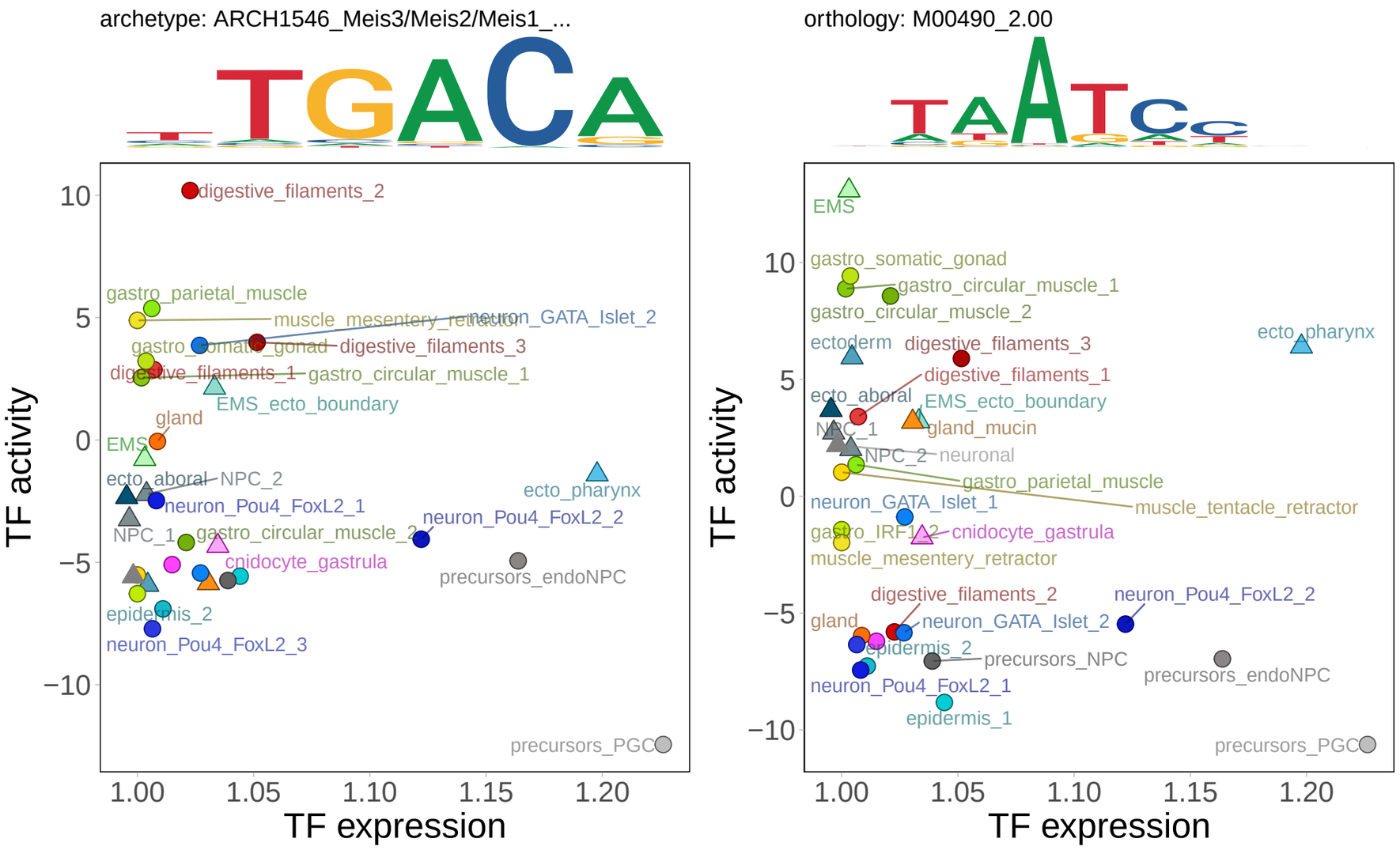


Nvec_vc1.1_XM_048733498.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN29/ZSCAN32
PFAM: Myb_DNA−bind_4/Myb_DNA−bind_4/Myb_DNA−bind_4/Myb_DNA−bind_4

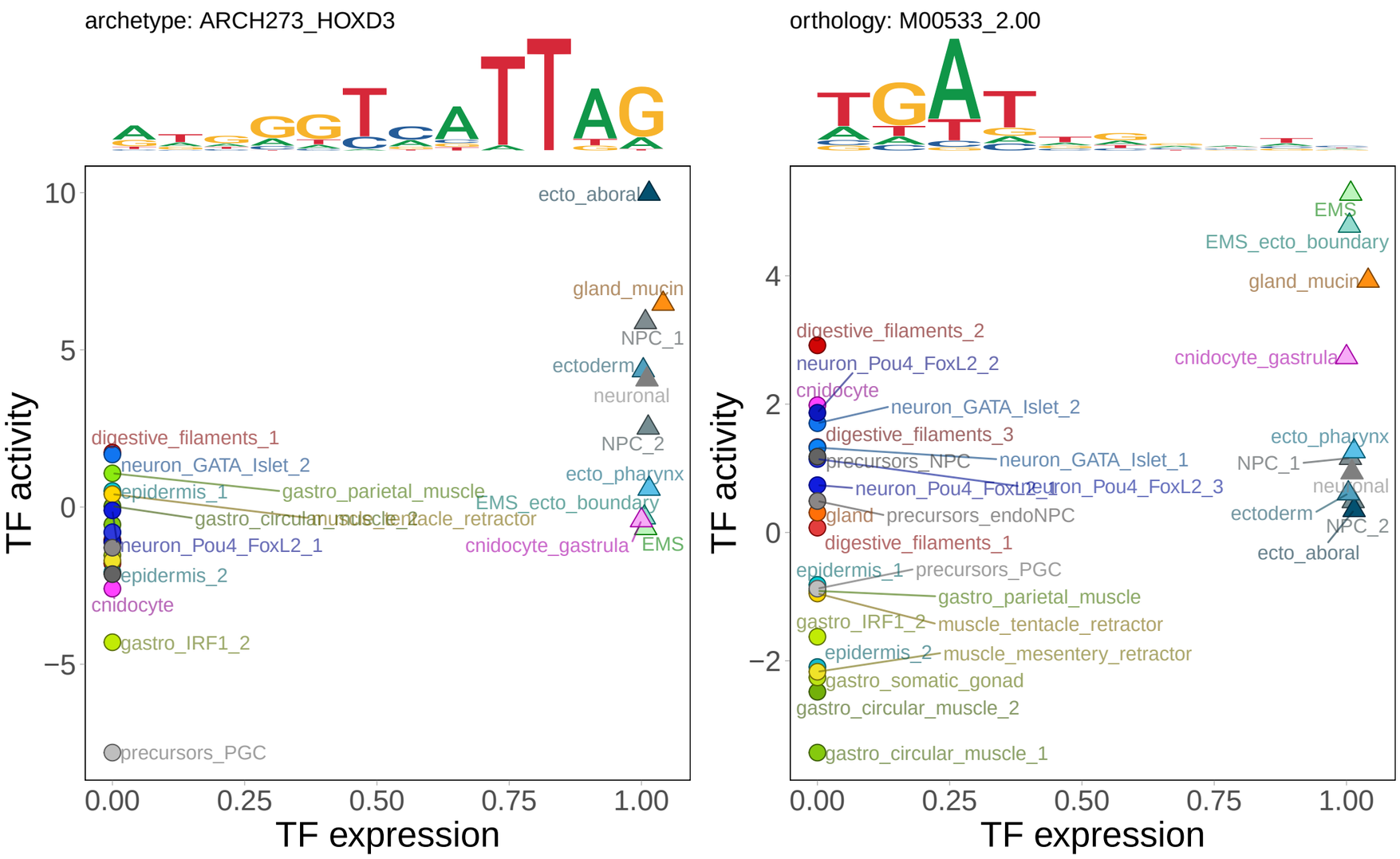




Nvec_vc1.1_XM_048733519.1
OG: Homeodomains.HG2.73:like:DMBX1
PFAM: Homeodomain

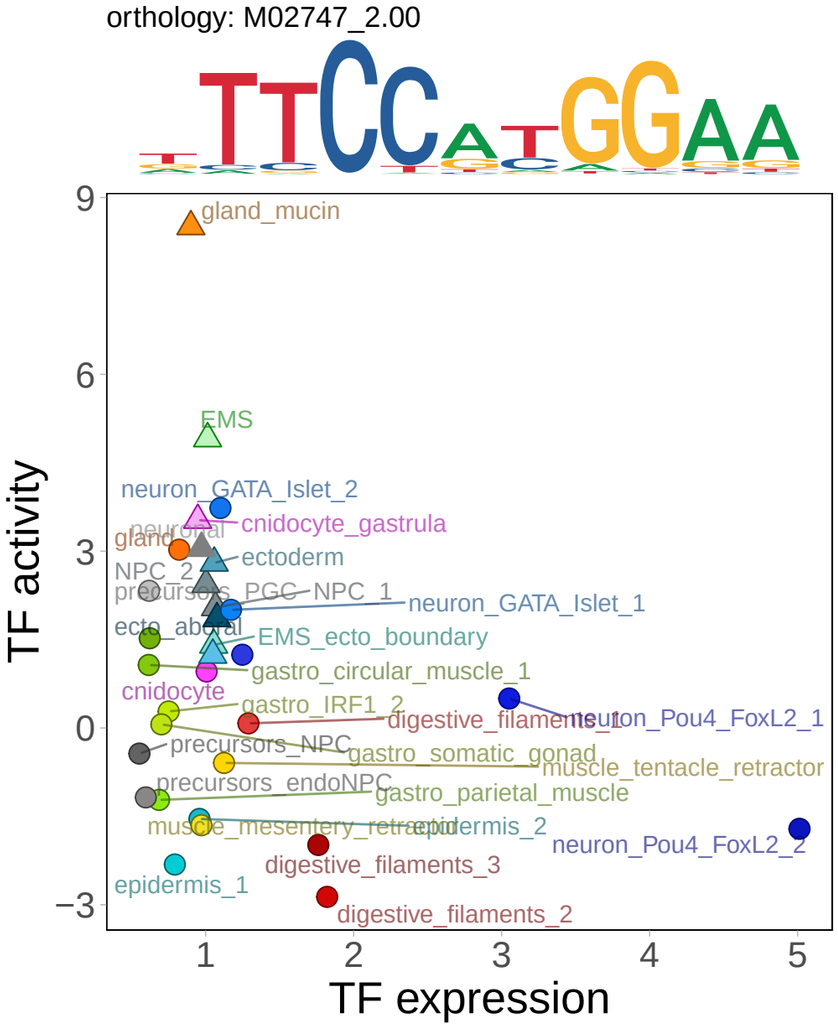


Nvec_vc1.1_XM_048733551.1
OG: Homeodomains.HG1.5:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/BARX2/BSX/CDX1/CD
PFAM: Homeodomain

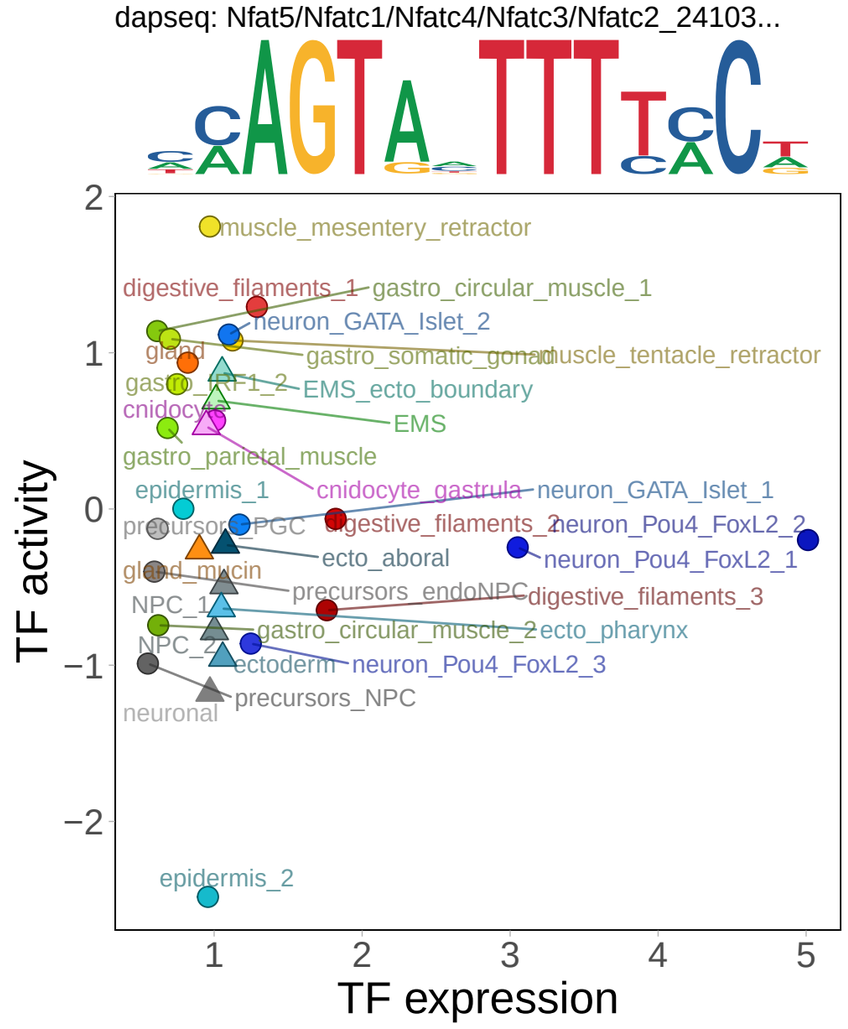


Nvec_vc1.1_XM_048733736.1
OG: RHD_Rel.HG1.0:like:NFAT5/NFATC1/NFATC2/NFATC3/NFATC4
PFAM: RHD_DNA_bind/RHD_dimer

orthology: M02747_2.00



dapseq: Nfat5/Nfatc1/Nfatc4/Nfatc3/Nfatc2_24103...



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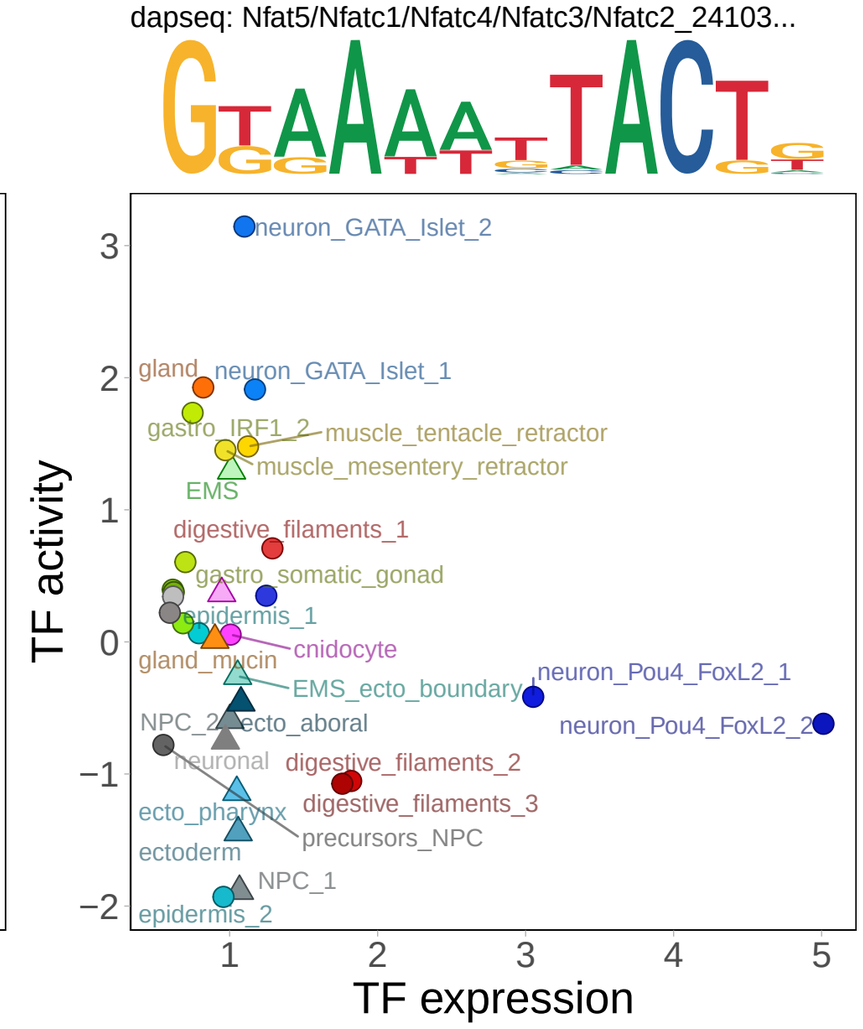

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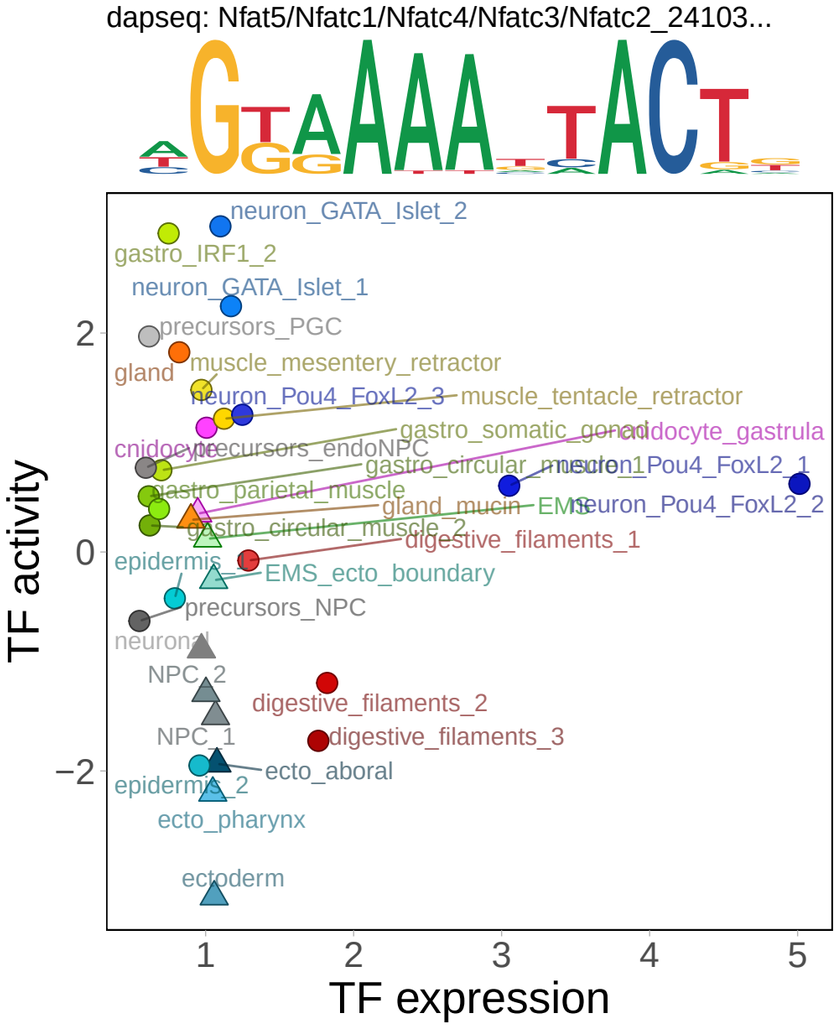
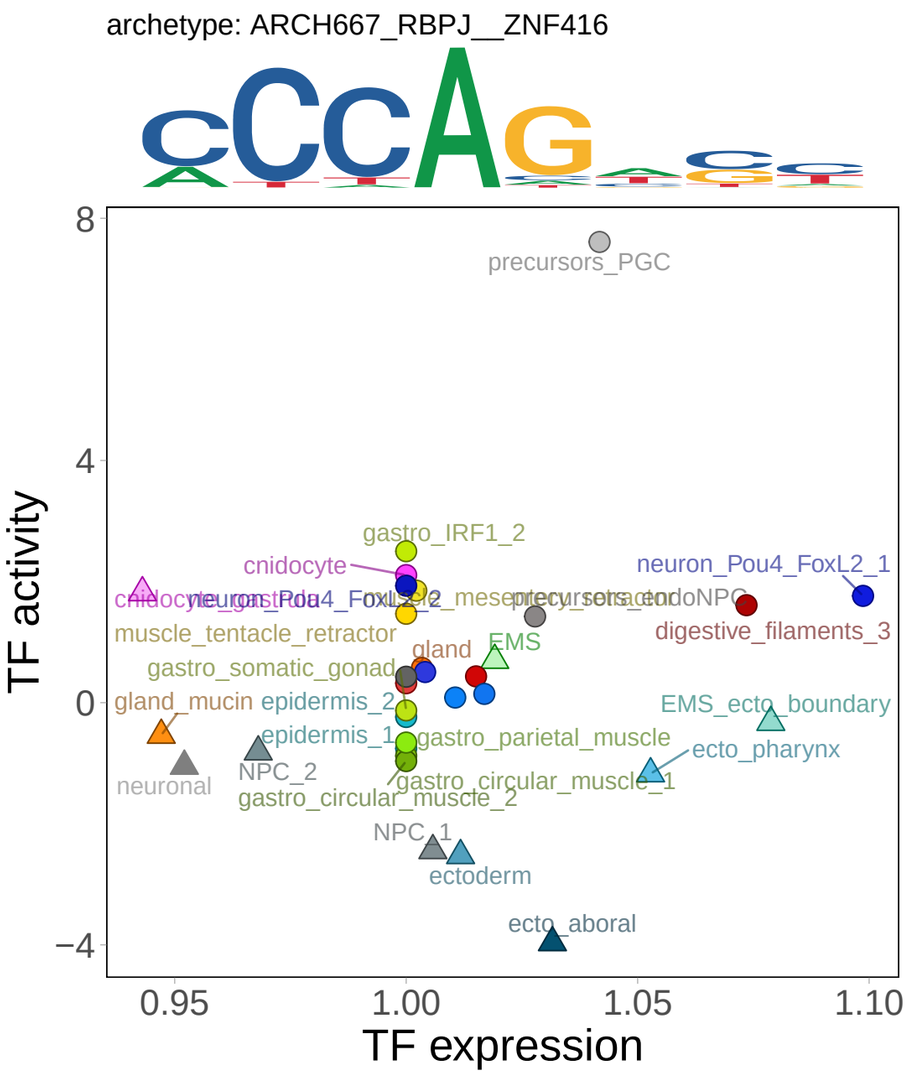
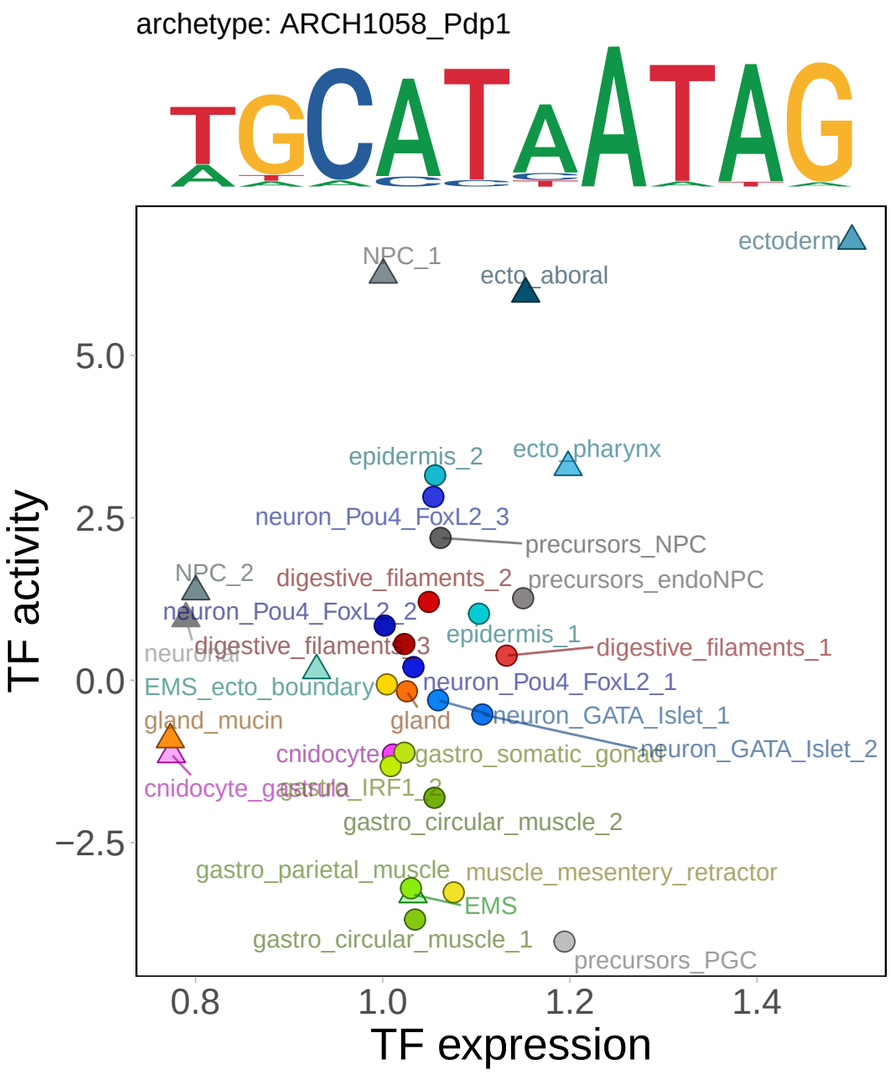
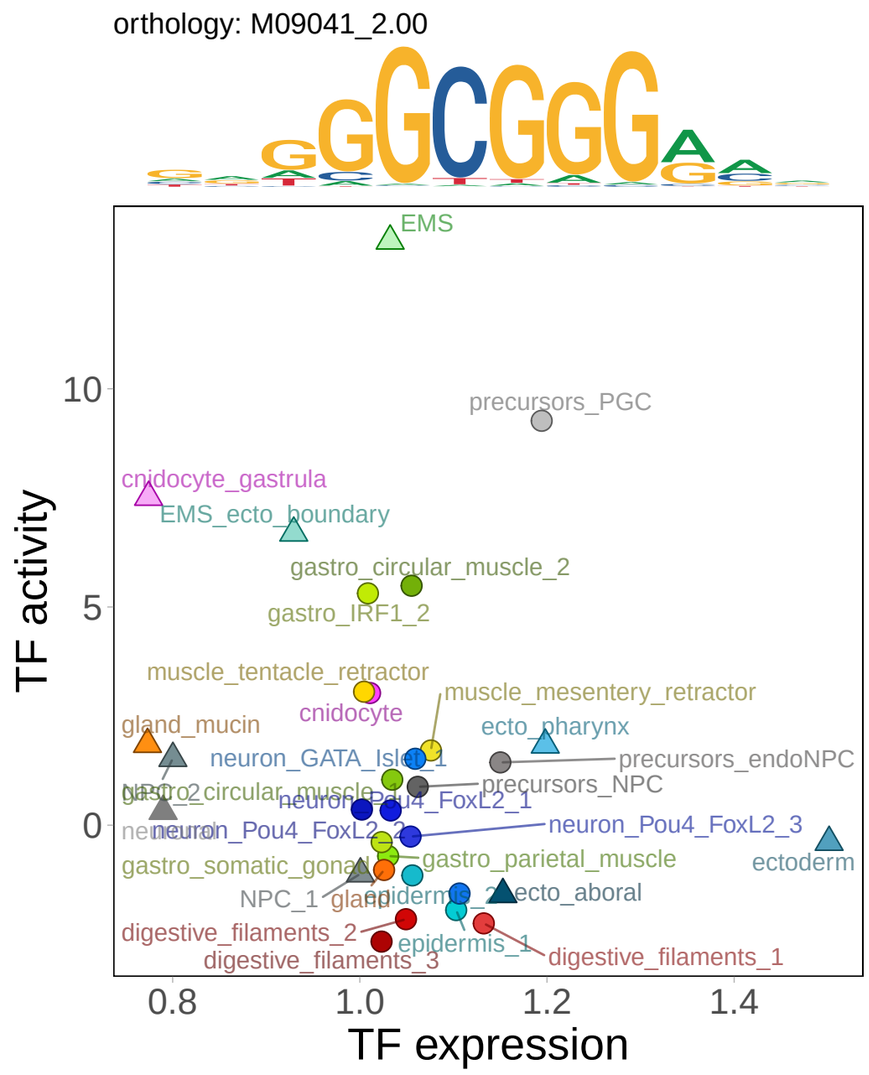


Nvec_vc1.1_XM_048734004.1
OG: zf−C2H2.HG99.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2

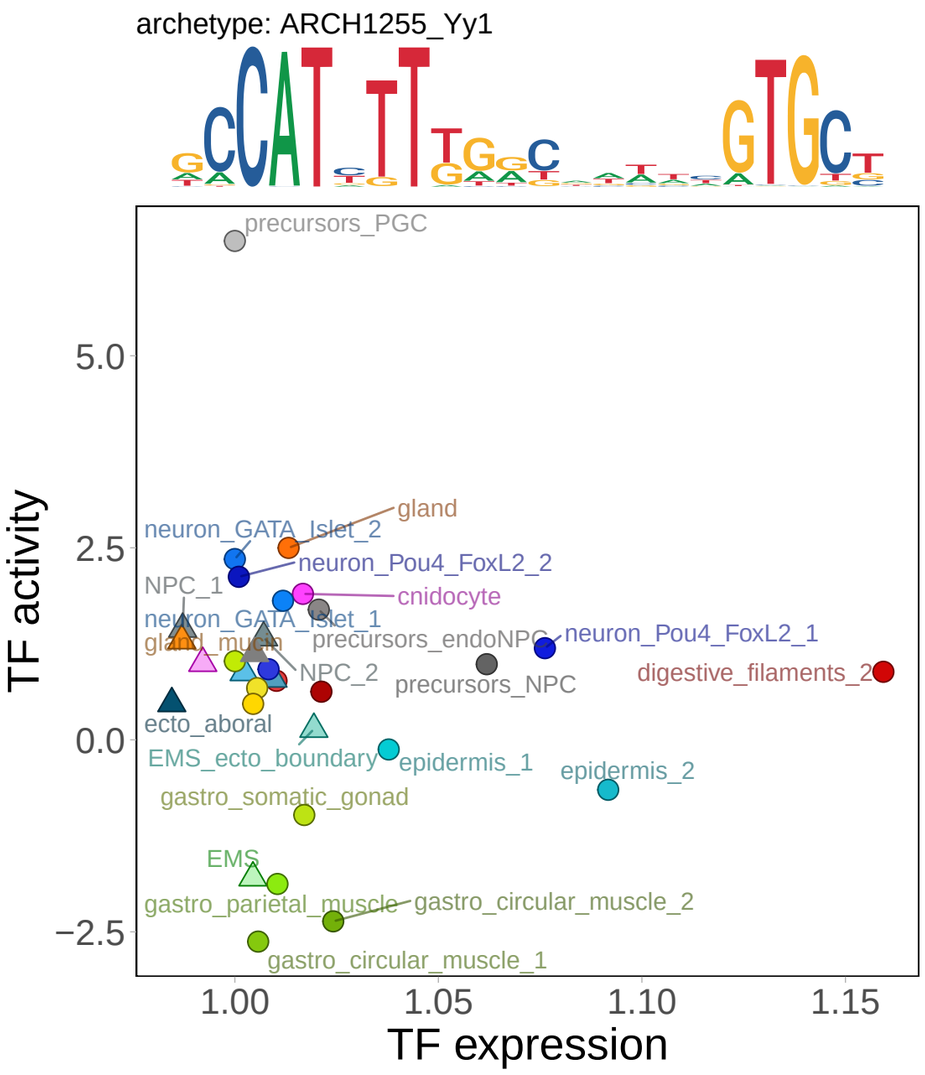


Nvec_vc1.1_XM_048734435.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB

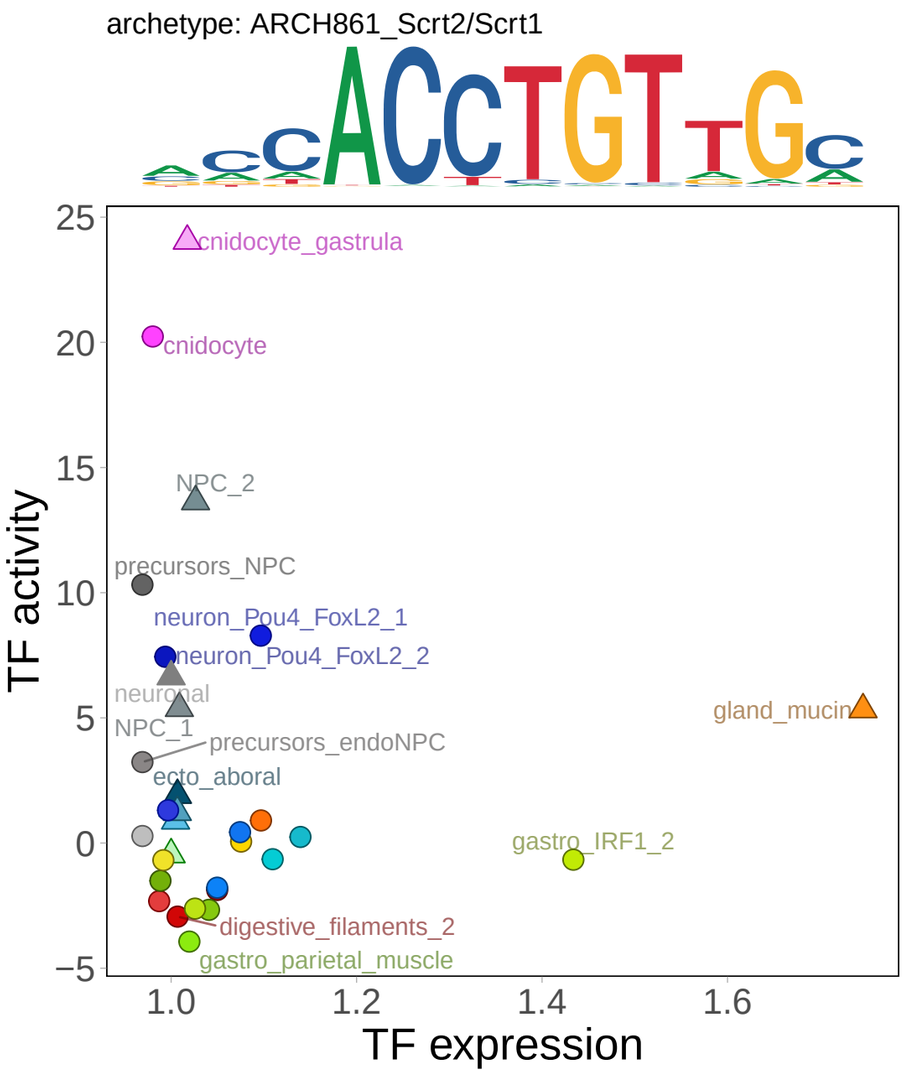
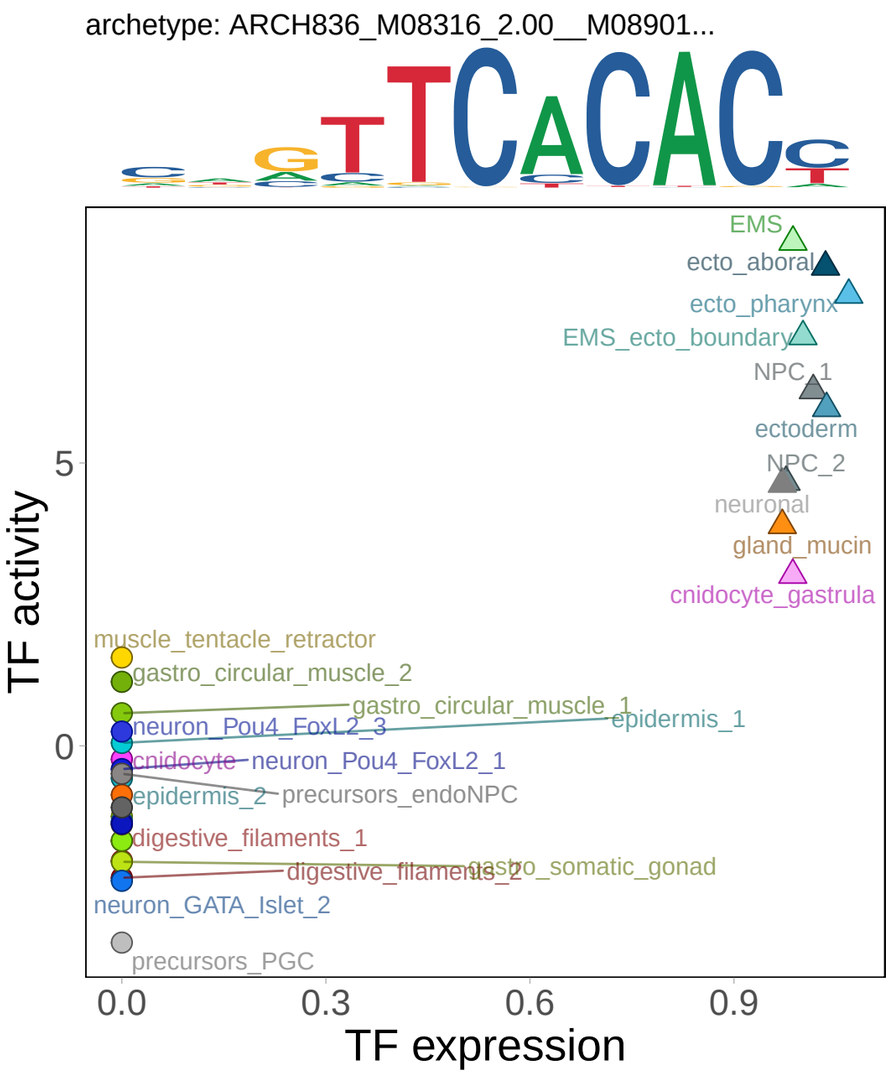




Nvec_vc1.1_XM_048734482.1
OG: zf−C2H2.HG1.142:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138696.1/BCL11A/BCL1
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2



Nvec_vc1.1_XM_048734570.1
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2



Nvec_vc1.1_XM_048734691.1
OG: zf−C2H2.HG70.1:NA
PFAM: zf−C2H2/zf−met/zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2