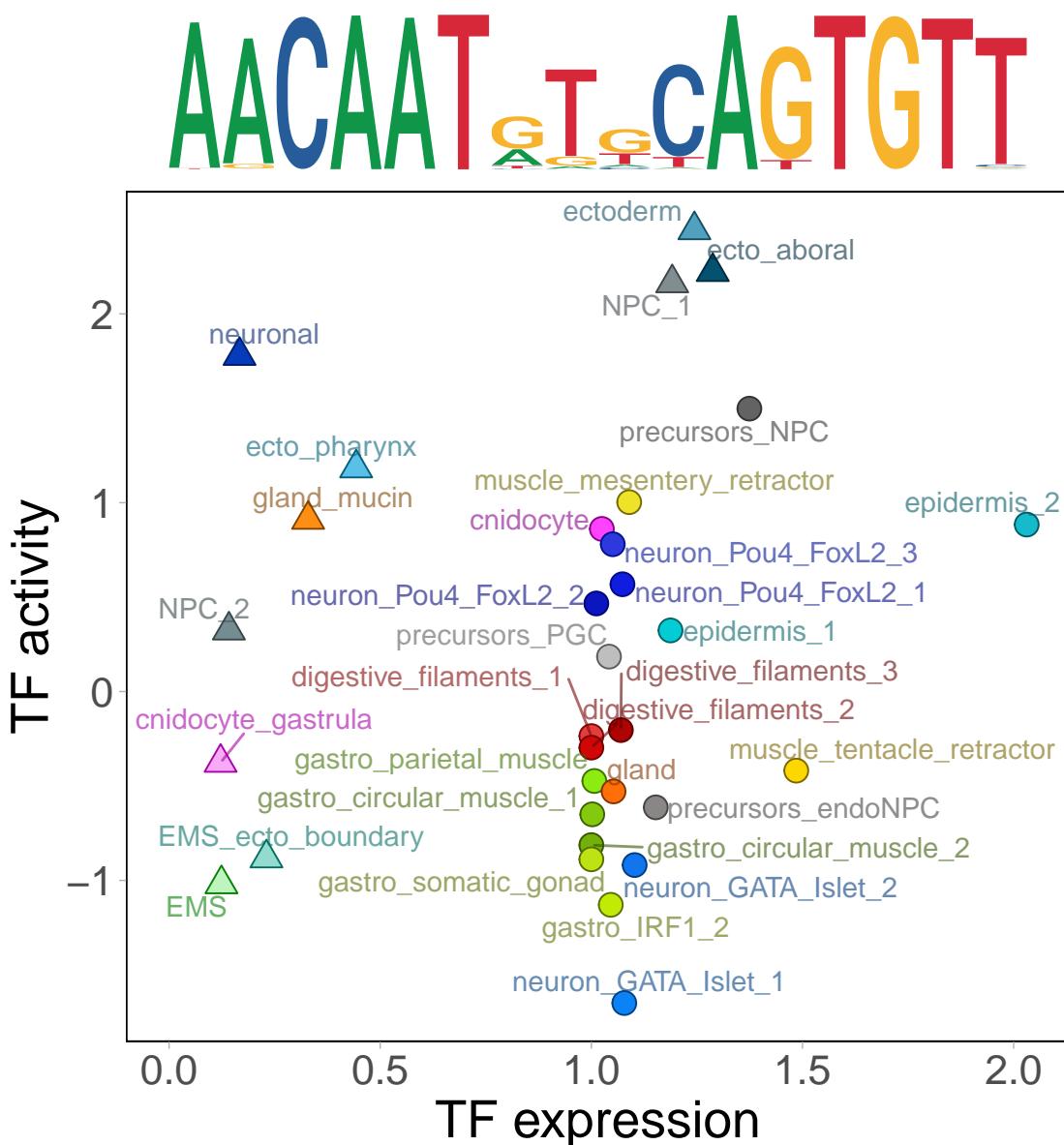


Nvec_NVE23841 (SoxB2/Sox3)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
motif: ARCH1153_SoX4/SoX11_SoX13/
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 24
gene expression correlation: 0.1383
gene score correlation: 0.2276



Nvec_v1g19278 (Klf13)

OG: zf-C2H2.HG2.12:KLF9/KLF13/KLF

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

motif: ARCH861_Scrt2/Scrt1

TF family: zf-C2H2

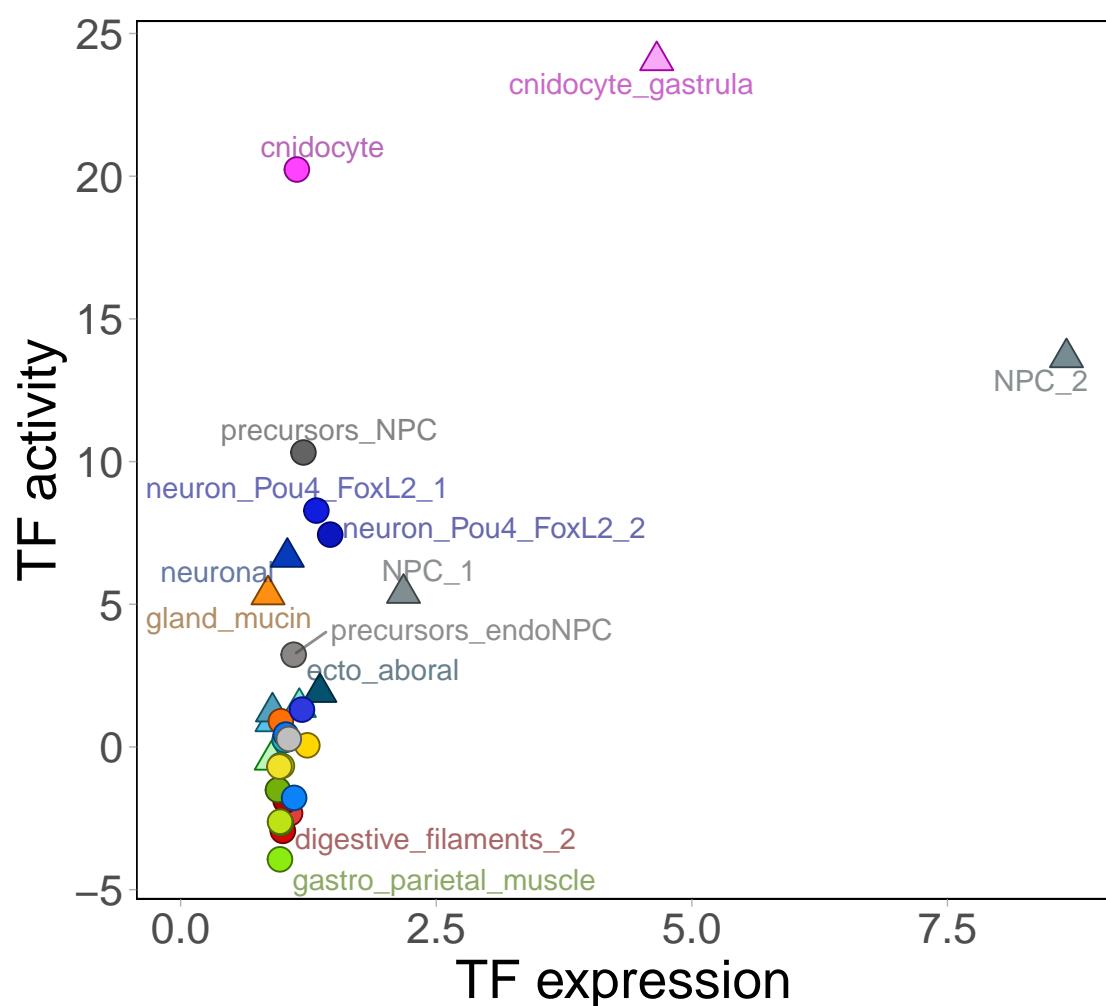
archetype family: zf-C2H2

CisBP assigned: FALSE

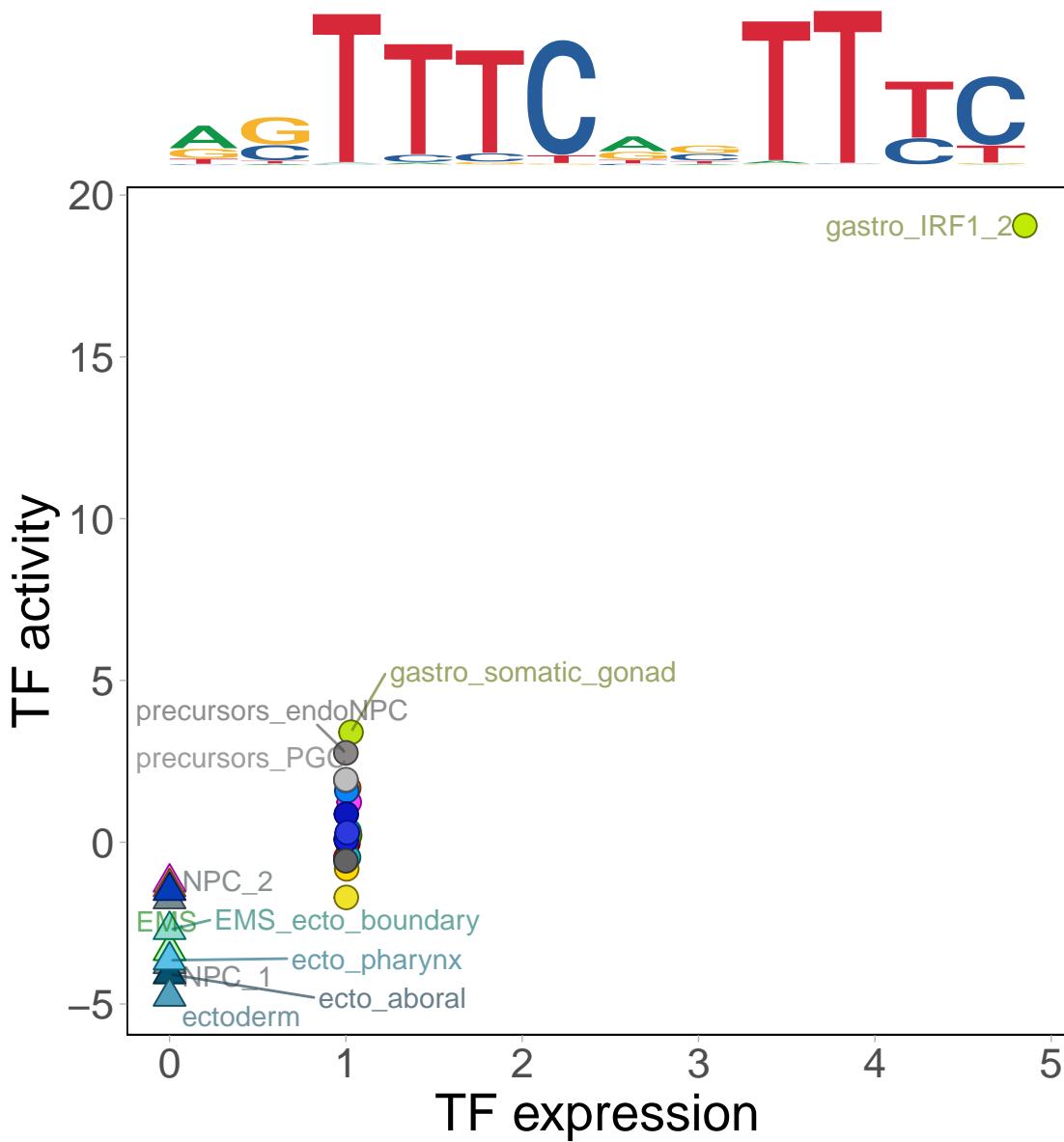
rank: 1

gene expression correlation: 0.5672

gene score correlation: 0.5450

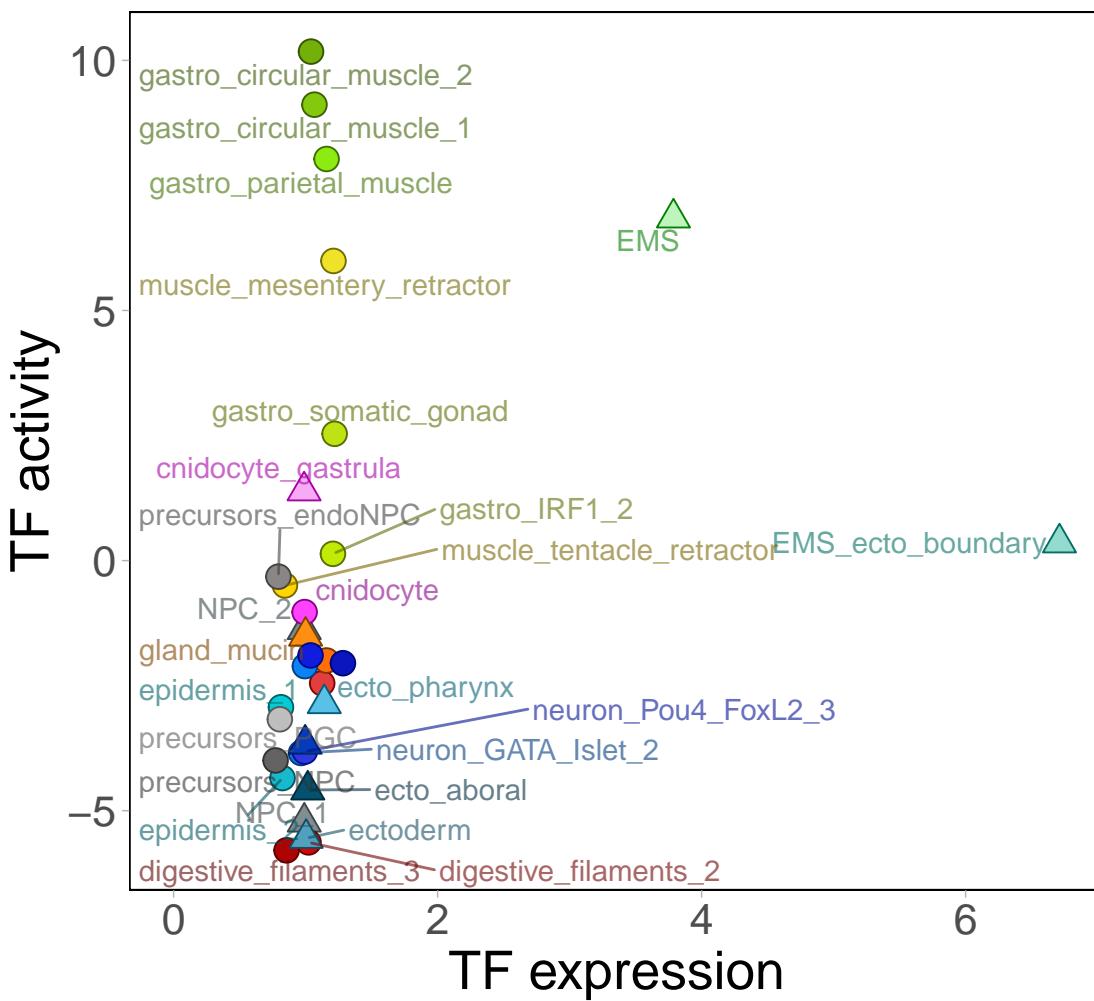


Nvec_vc1.1_XM_001622271.3 (IRF1–2
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5
PFAM: IRF
motif: ARCH591_ISRE__IRF3__IRF8
TF family: IRF
archetype family: IRF
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.9443
gene score correlation: 0.8612

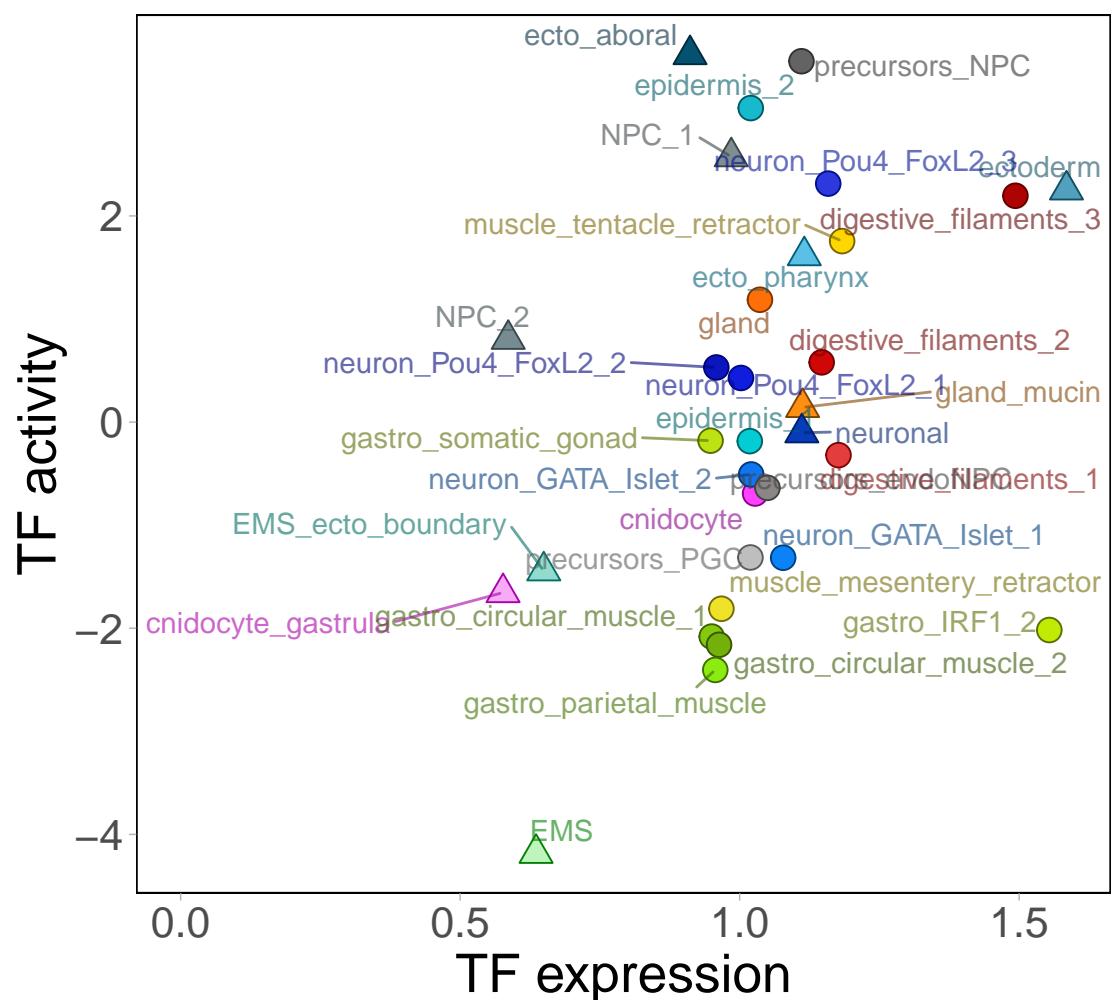


Nvec_vc1.1_XM_001623084.3 (Six4/5)
OG: Homeodomains.HG3.24:SIX4/SIX5
PFAM: SIX1_SD/Homeodomain
motif: M06530_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2281
gene score correlation: 0.3130

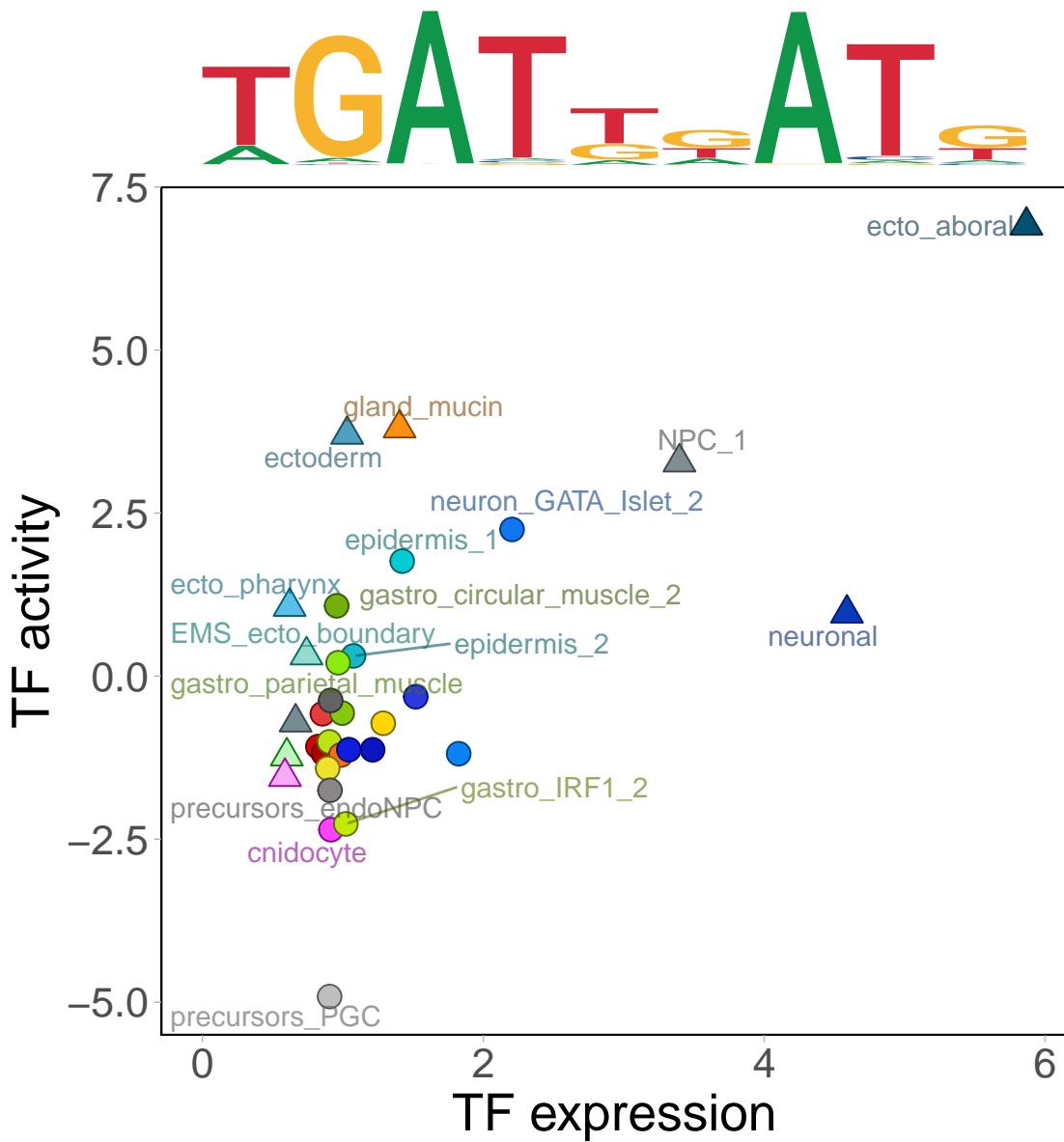
TGA AC



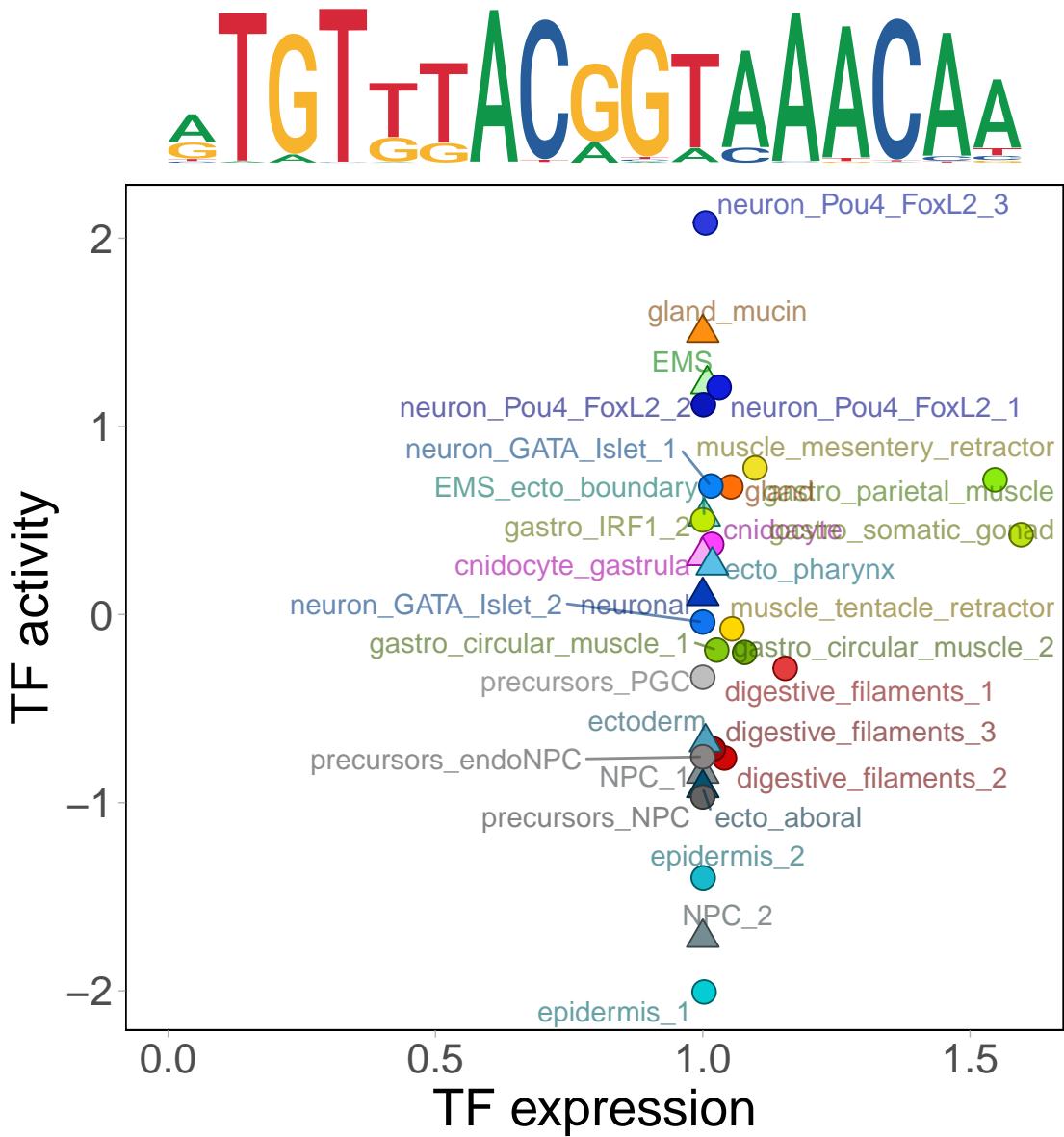
Nvec_vc1.1_XM_001624716.3 (NvSox1
OG: HMGbox_Sox.HG1.35:SOX1/SOX2
PFAM: HMG_box/SOXP
motif: ARCH972_Sox5
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3464
gene score correlation: 0.6476



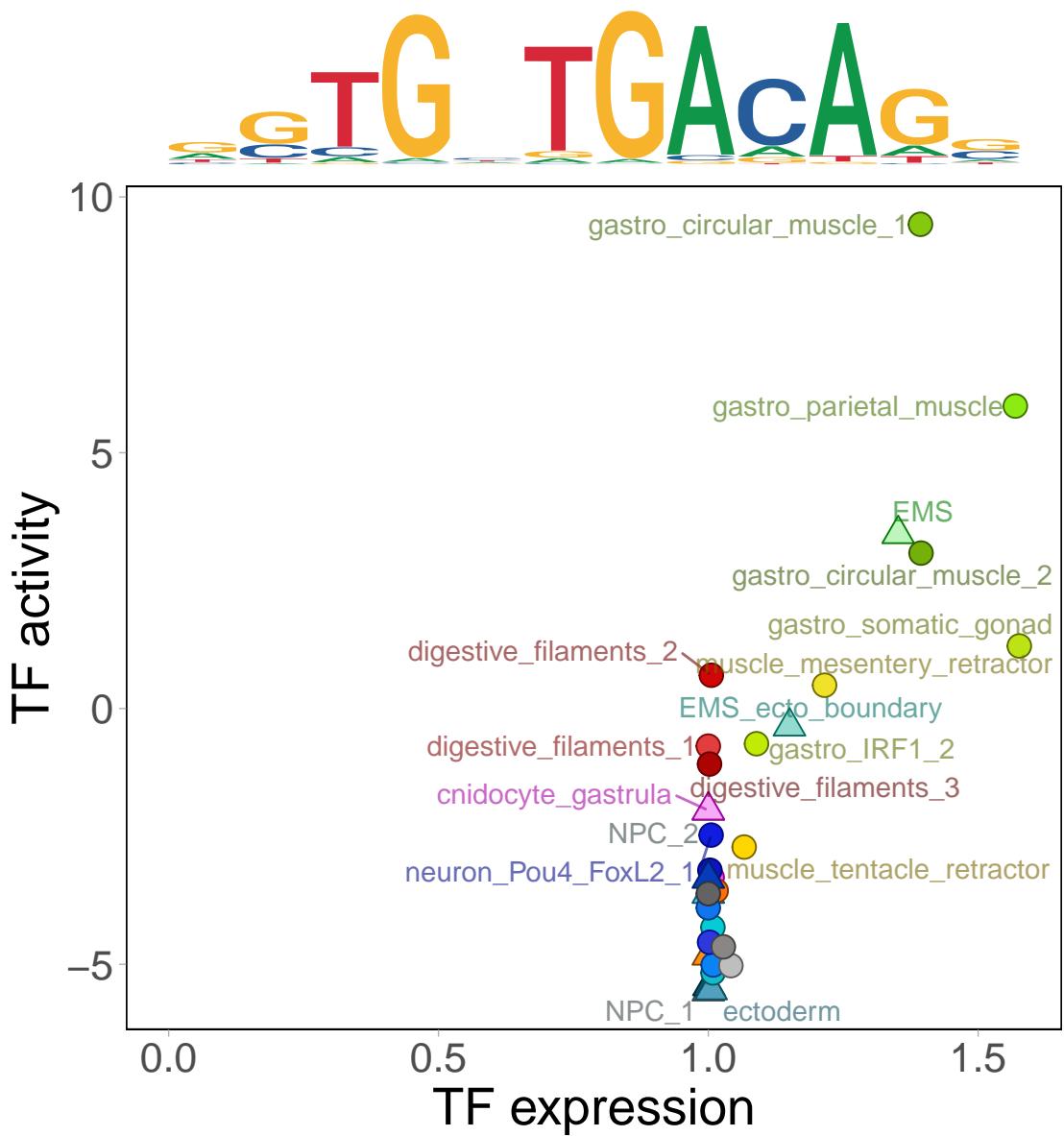
Nvec_vc1.1_XM_001625109.3 (Six3/6)
OG: Homeodomains.HG3.30:SIX3/SIX6
PFAM: SIX1_SD/Homeodomain
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.6421
gene score correlation: 0.4593



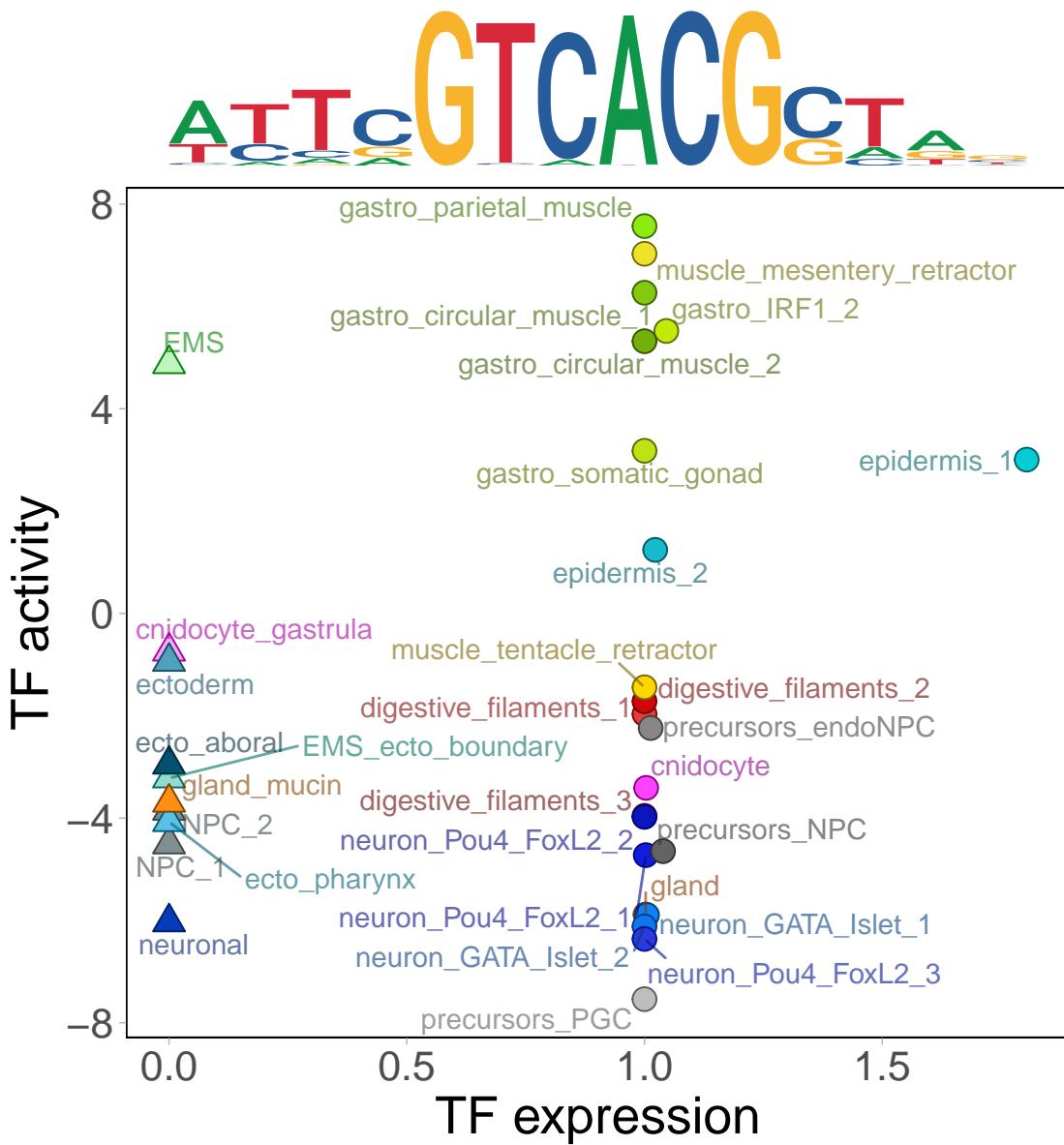
Nvec_vc1.1_XM_001625950.3 (FoxC)
OG: Forkhead.HG1.10:FOXC1/FOXC2
PFAM: Forkhead
motif: ARCH964_Foxc2/Foxc1_Foxg1/G
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 236
gene expression correlation: 0.1667
gene score correlation: 0.1318



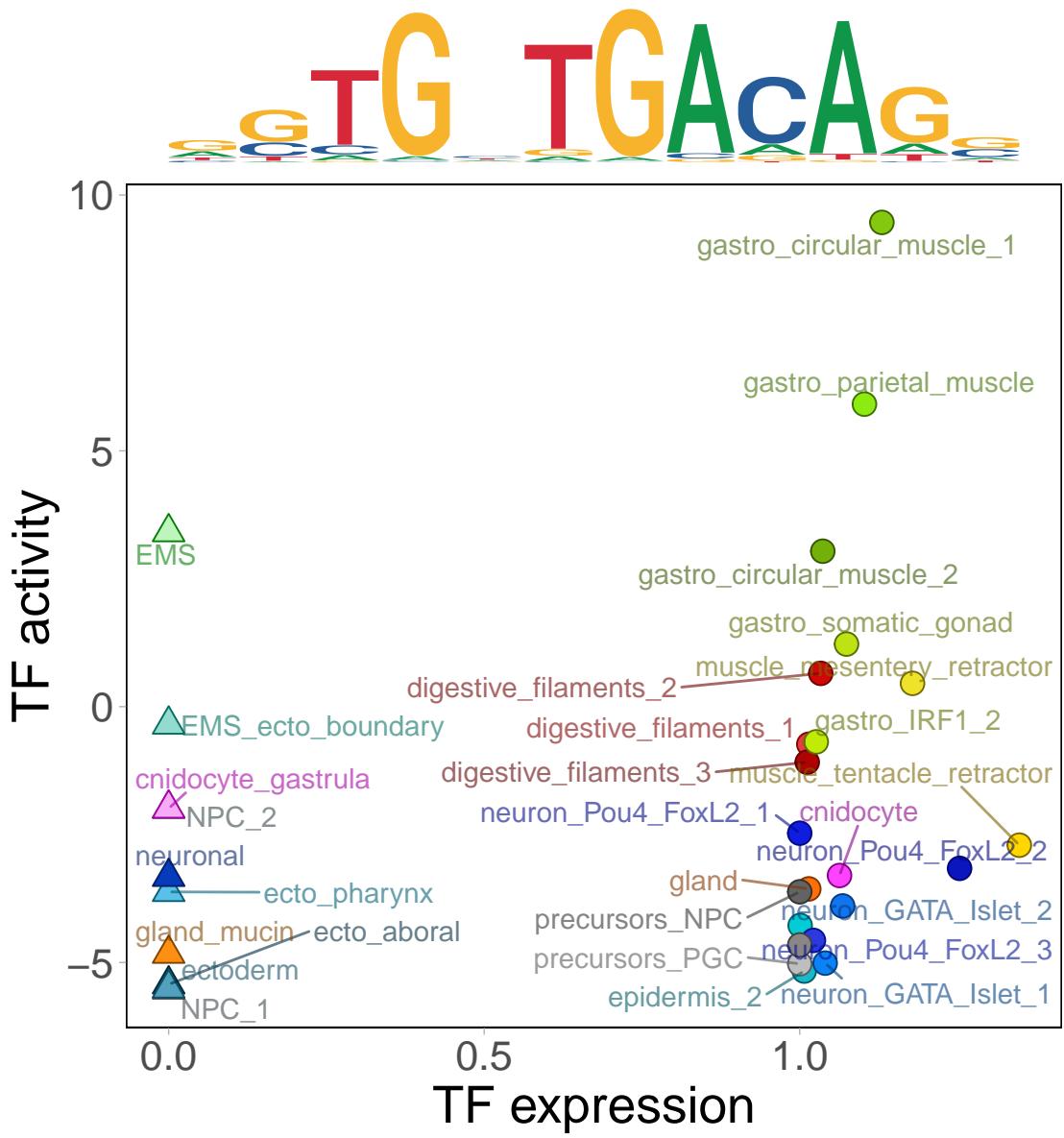
Nvec_vc1.1_XM_001627136.3 (Tbx1/10)
OG: T-box.HG1.13:TBX1/TBX10/TBX1
PFAM: T-box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.8091
gene score correlation: 0.8869



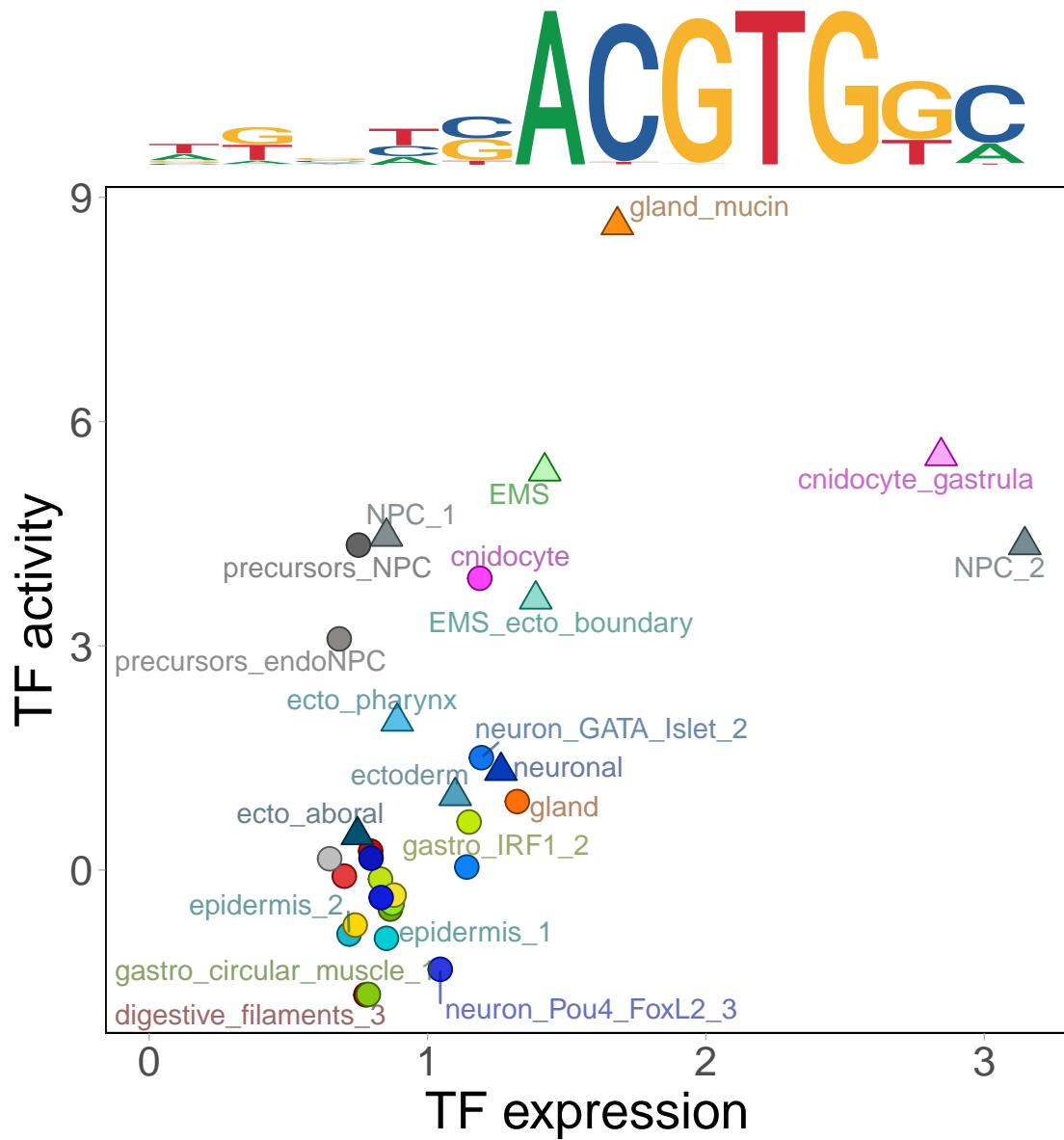
Nvec_vc1.1_XM_001628635.3 (PAX3/7)
OG: Homeodomains.HG2.28:PAX3/PAX
PFAM: PAX/Homeodomain
motif: PAX3/7_241030_streme
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2073
gene score correlation: 0.1871



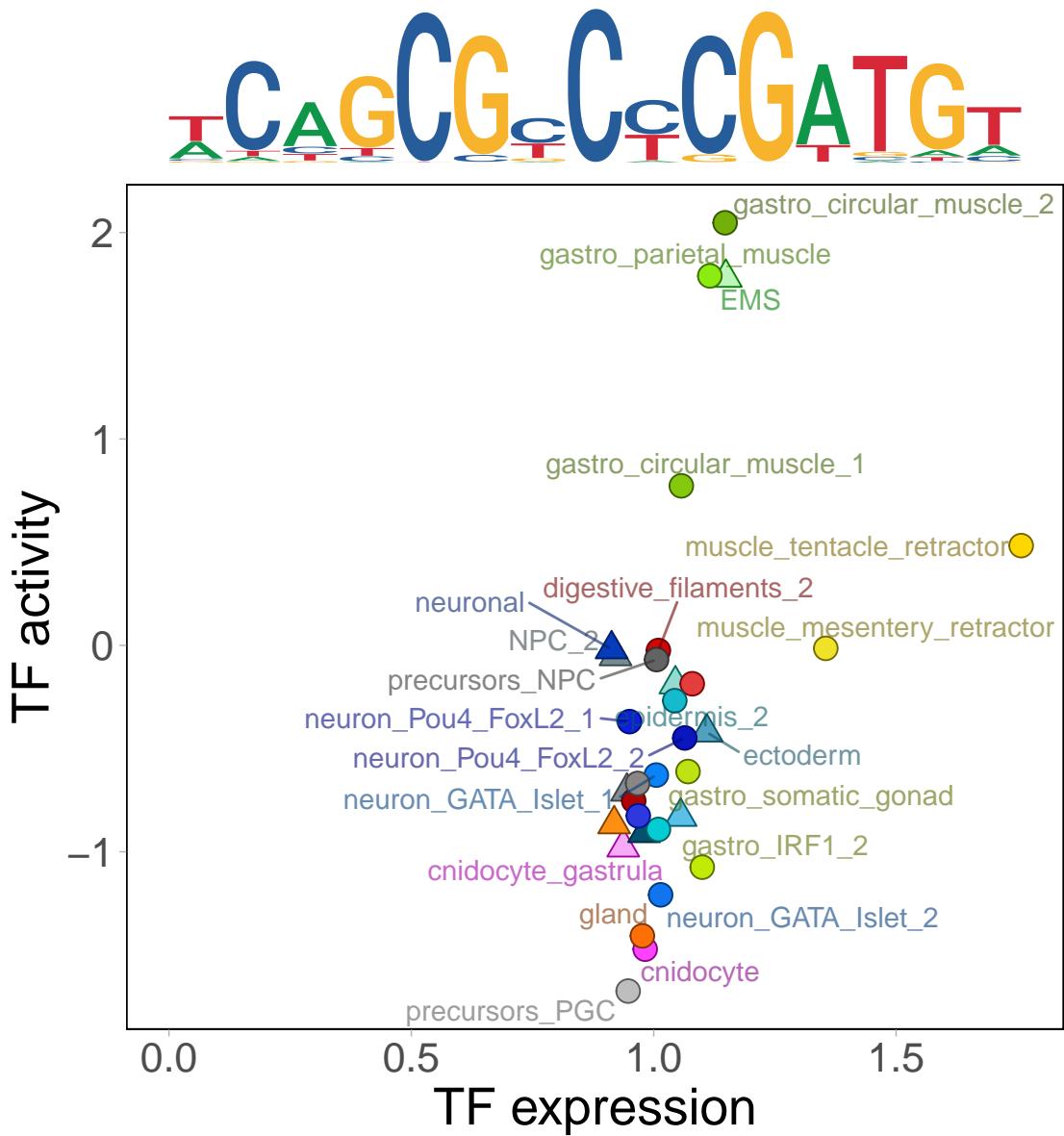
Nvec_vc1.1_XM_001629218.3 (TBX20)
OG: T-box.HG1.13:TBX1/TBX10/TBX1
PFAM: T-box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T-box
archetype family: T-box
CisBP assigned: TRUE
rank: 4
gene expression correlation: 0.2150
gene score correlation: 0.8425



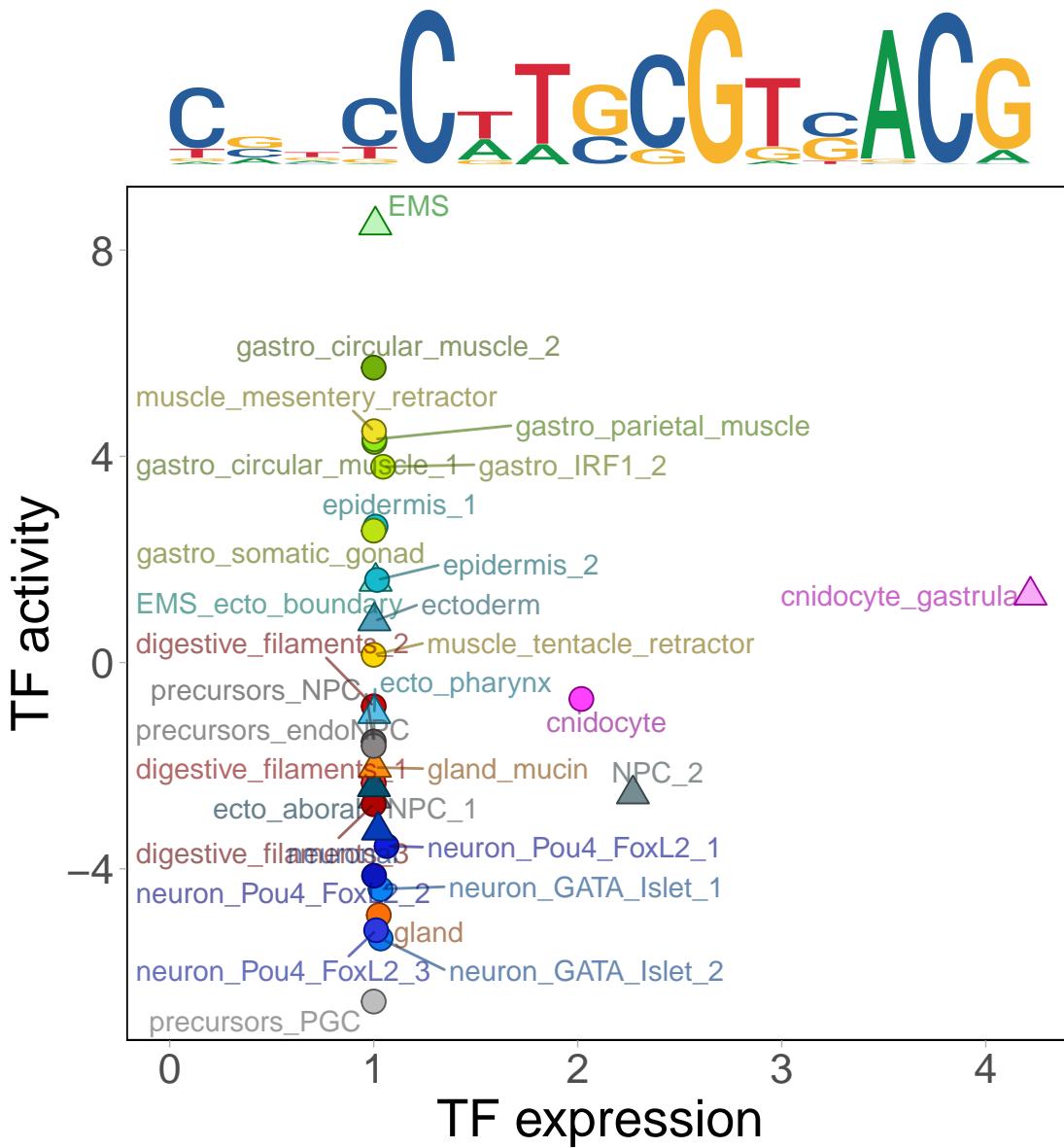
Nvec_vc1.1_XM_001629694.3 (XBP1)
OG: bZIP.HG1.16:XBP1
PFAM: bZIP_1
motif: ARCH949_bZIP48
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 19
gene expression correlation: 0.5848
gene score correlation: 0.2110



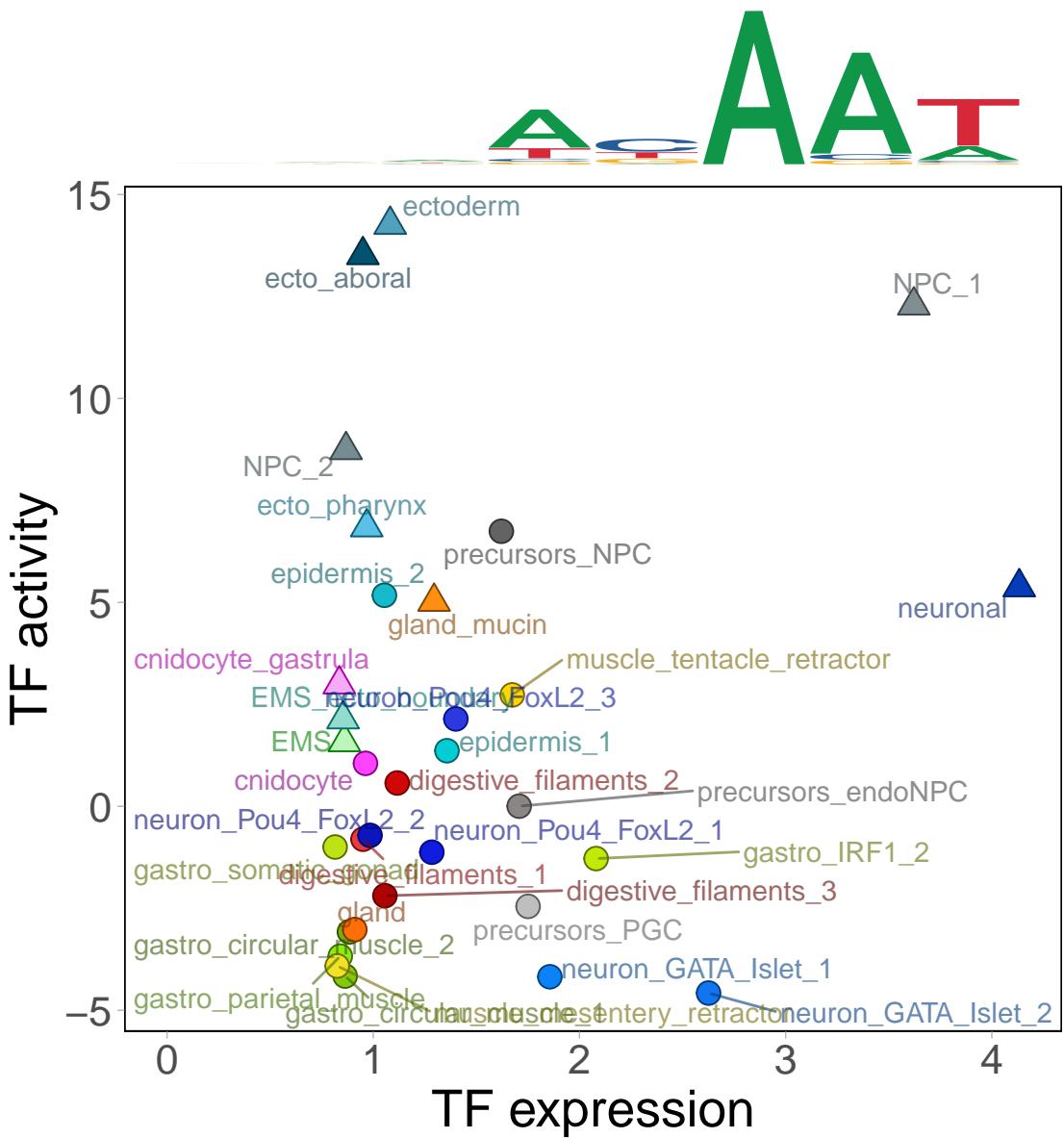
Nvec_vc1.1_XM_001629987.3 (NvSoxB)
OG: HMGbox_Sox.HG1.42:SOX8/SOX9
PFAM: Sox_N/HMG_box
motif: ARCH924_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 200
gene expression correlation: 0.4114
gene score correlation: 0.6727



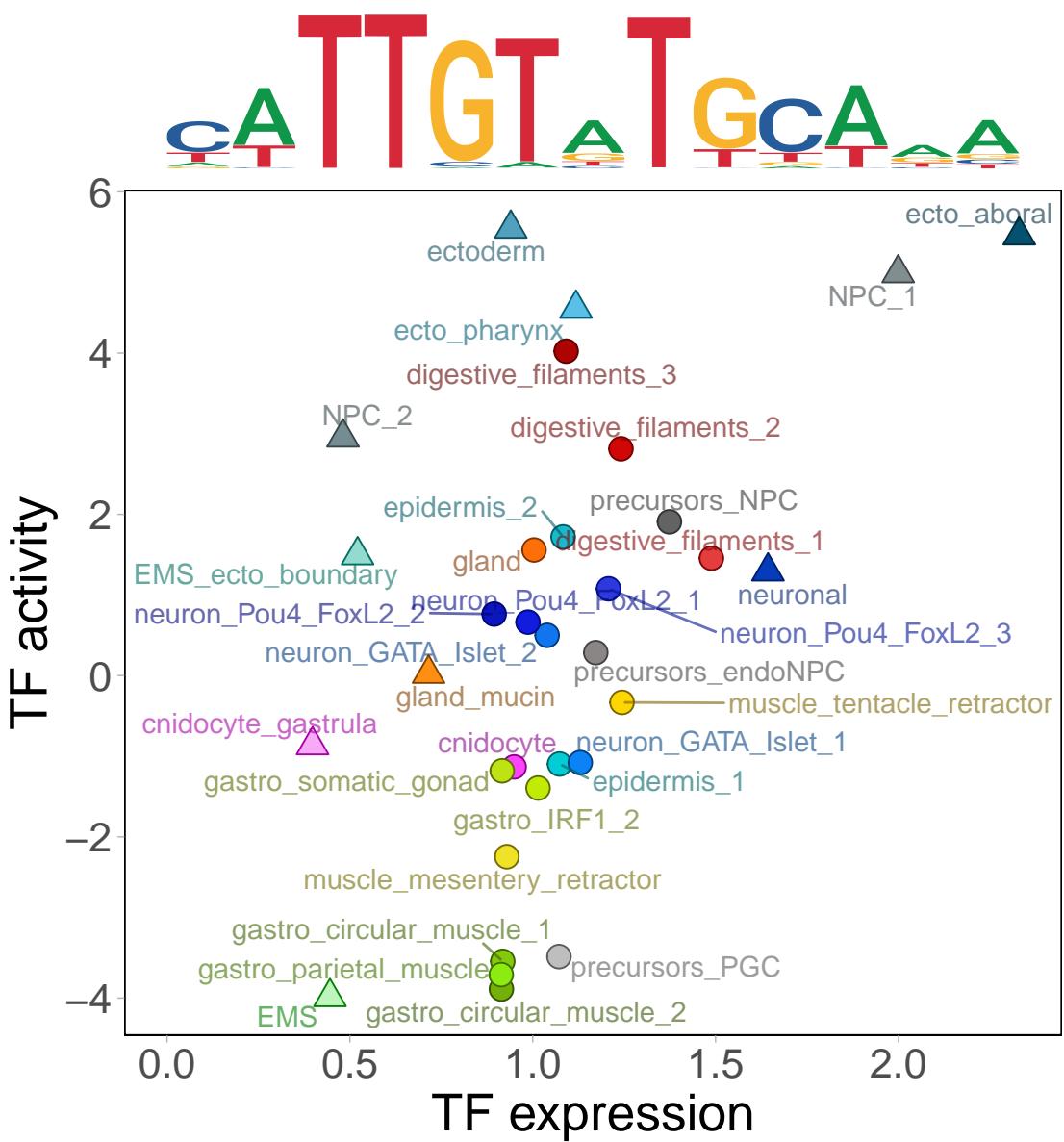
Nvec_vc1.1_XM_001631763.3 (PaxA)
OG: Homeodomains.HG2.49:like:PAX1/
PFAM: PAX
motif: PaxA_241030_dimont
TF family: Pax
archetype family: Pax
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.0376
gene score correlation: -0.1215



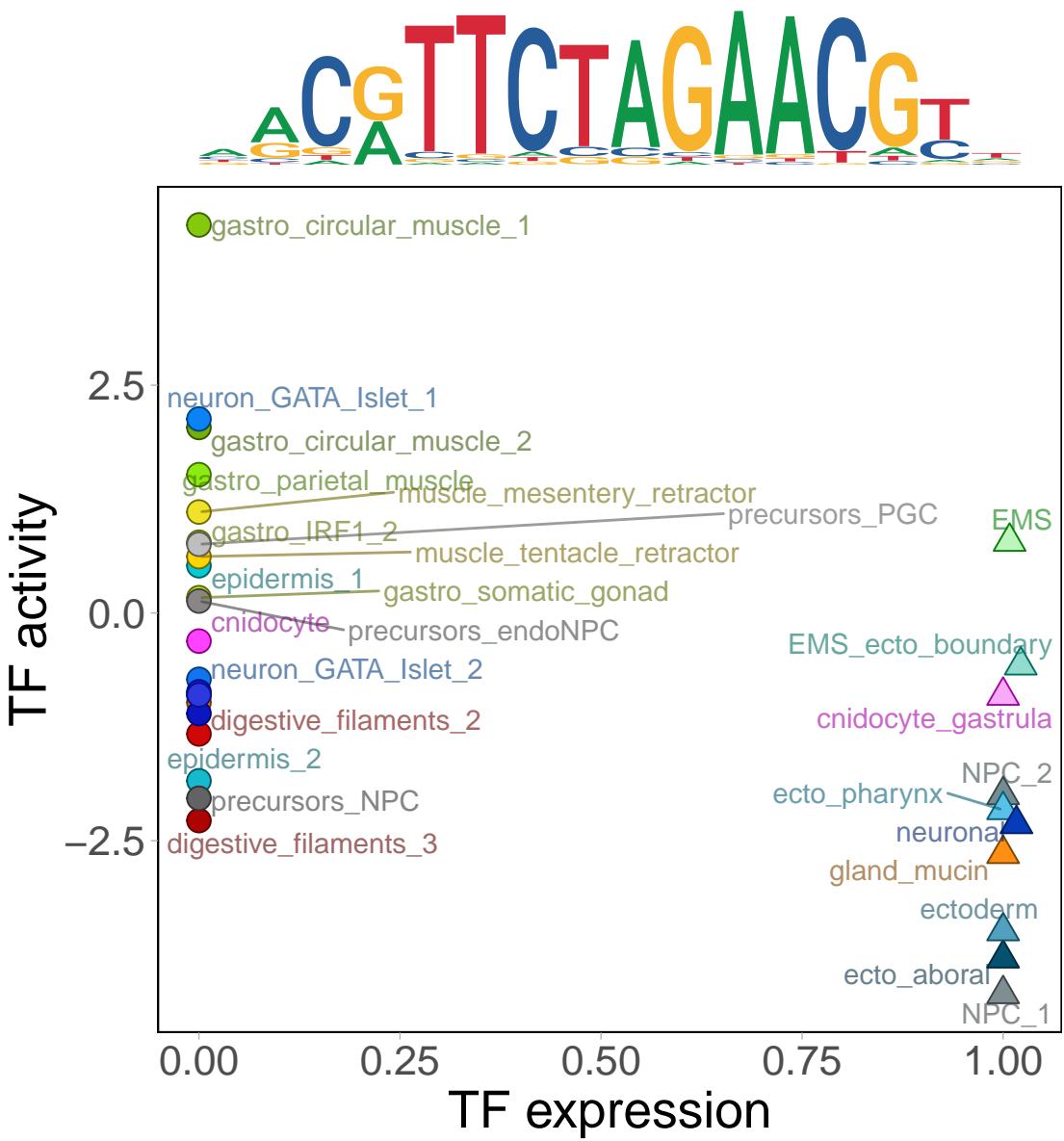
Nvec_vc1.1_XM_001632568.3 (NvSoxE)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
motif: M00206_2.00
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.1812
gene score correlation: 0.2520



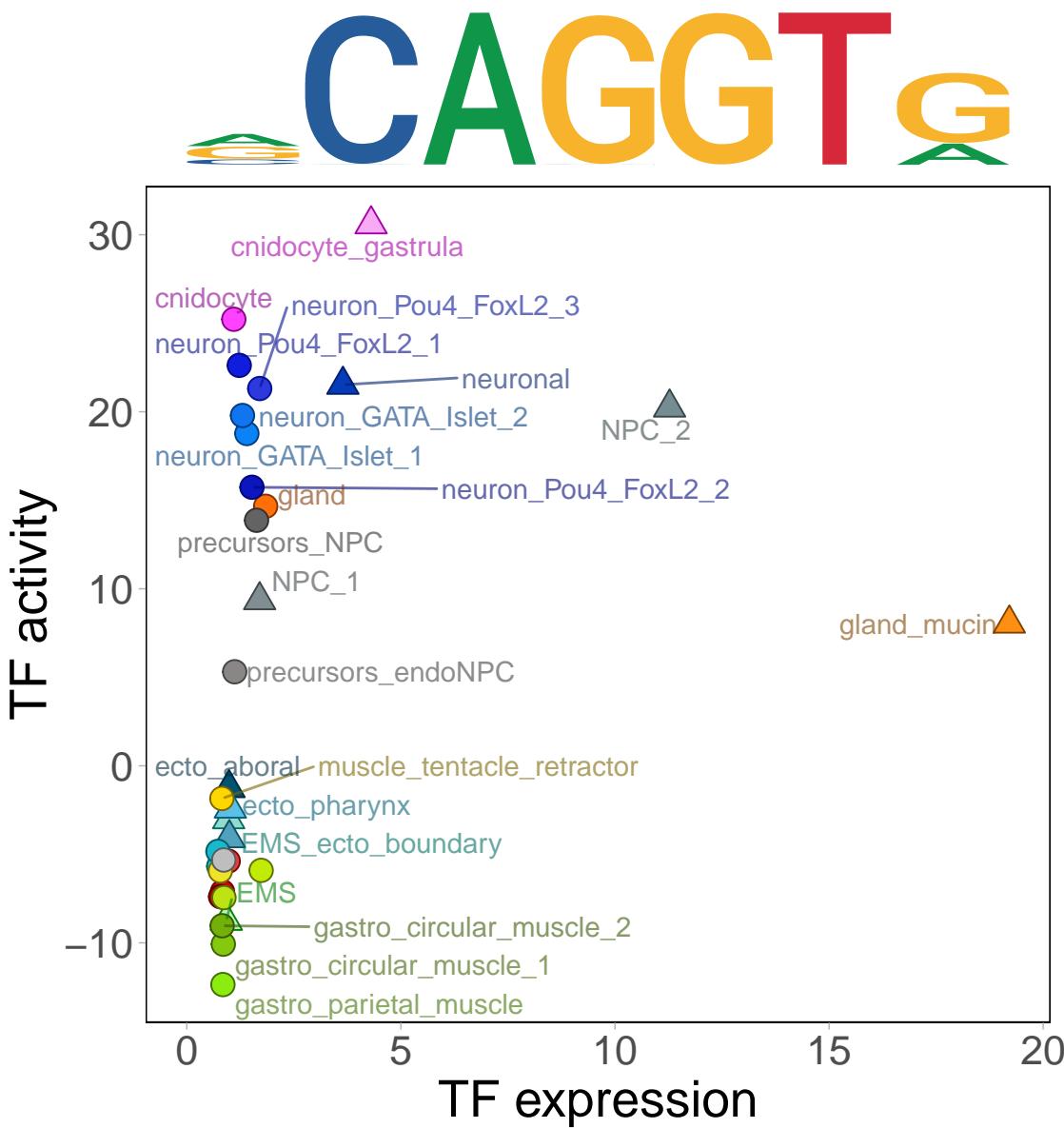
Nvec_vc1.1_XM_001632947.3 (NvSoxE)
OG: HMGbox_Sox.HG1.35:SOX1/SOX2
PFAM: HMG_box/SOXP
motif: ARCH67_Oct4:Sox17
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.4785
gene score correlation: 0.5753



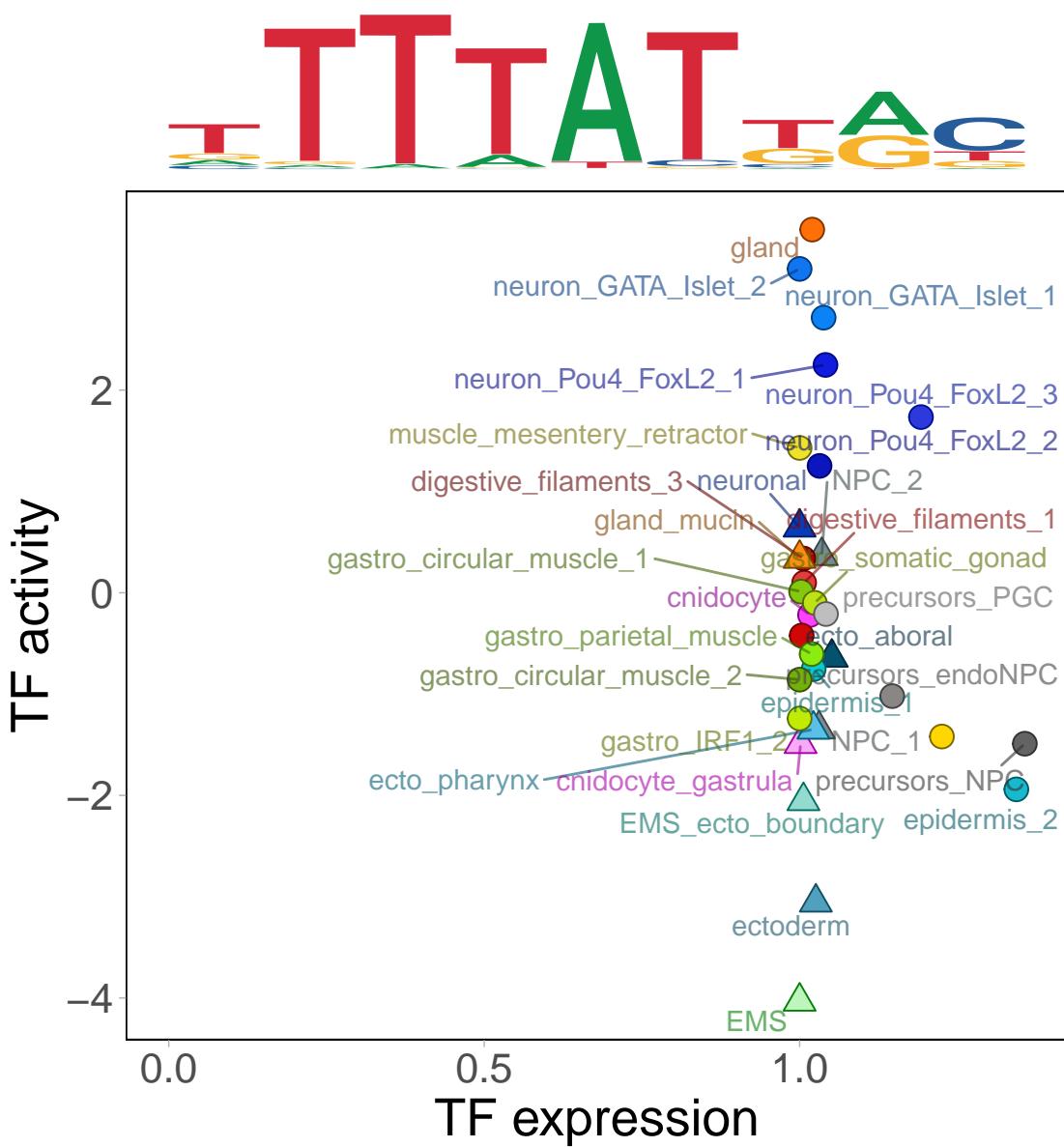
Nvec_vc1.1_XM_001633014.3 (HSF-like)
OG: HSF.HG1.4:like:HSF1/HSF2/HSF4
PFAM: HSF_DNA-bind
motif: M05519_2.00
TF family: HSF
archetype family: HSF
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.5499
gene score correlation: -0.5364



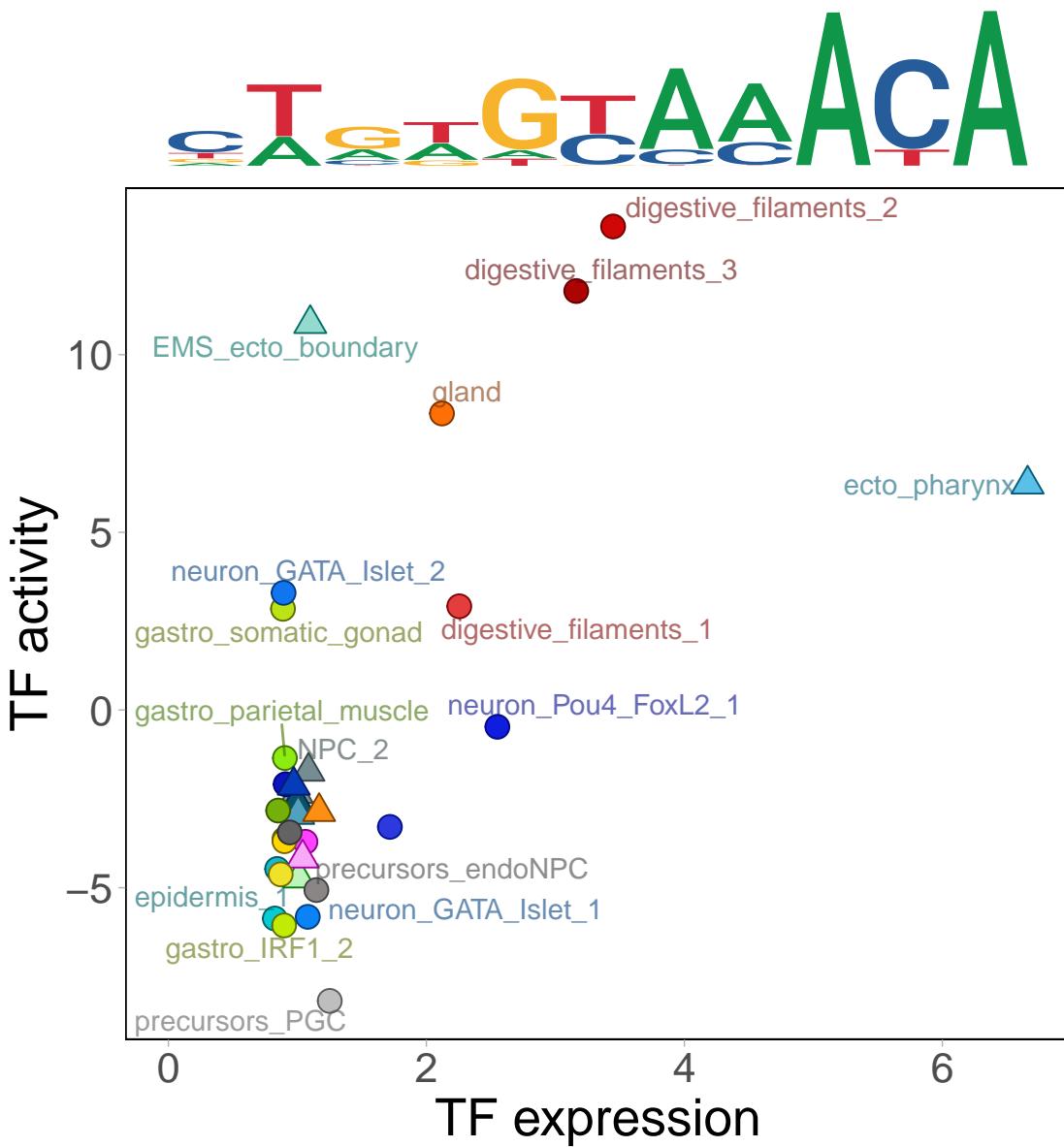
Nvec_vc1.1_XM_001633819.3 (BHMG1)
OG: HLH.HG1.3:BHMG1
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.2948
gene score correlation: 0.6503



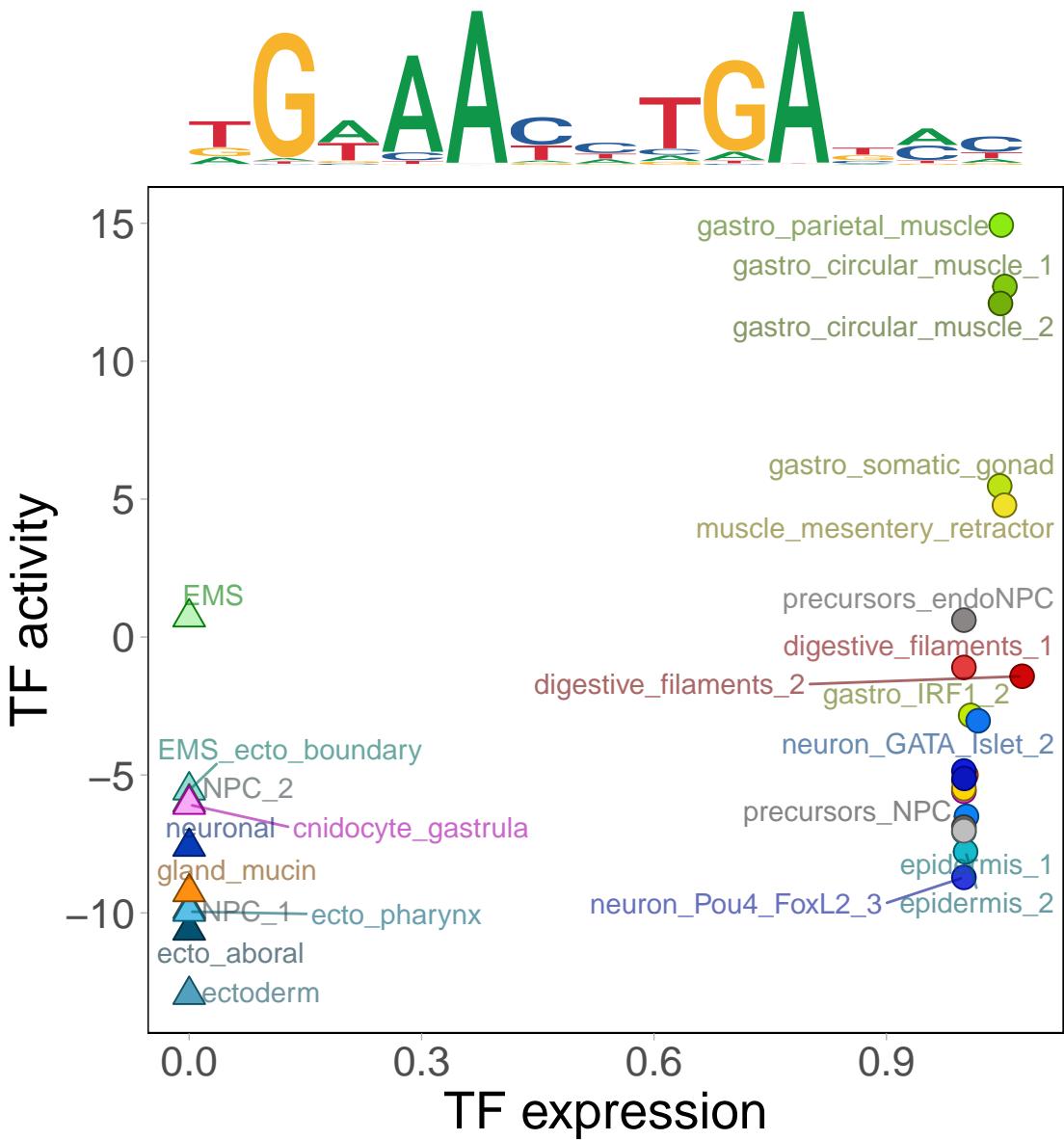
Nvec_vc1.1_XM_001634202.3 (Anthox)
OG: Homeodomains.HG1.58:HOXA1/H
PFAM: Homeodomain
motif: ARCH33_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 136
gene expression correlation: -0.1833
gene score correlation: -0.2092



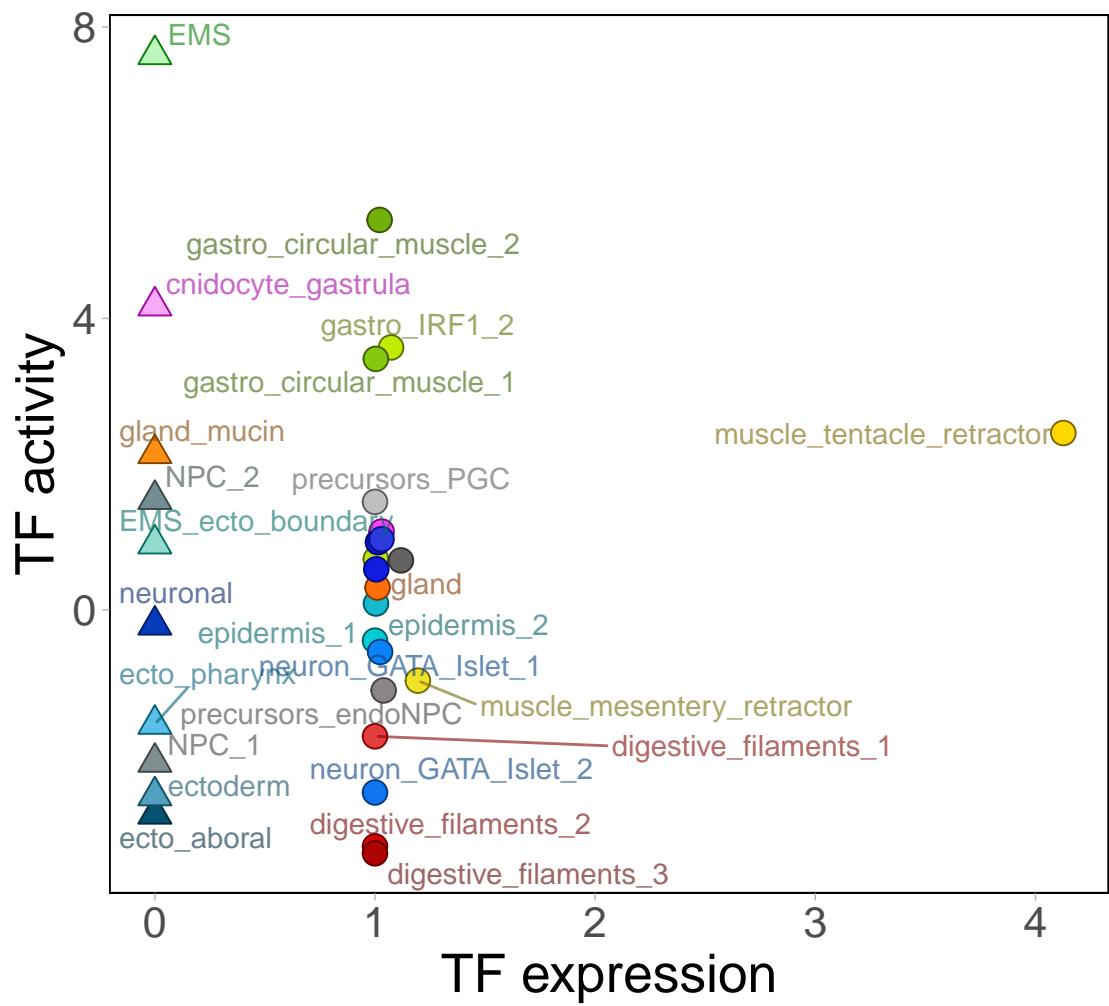
Nvec_vc1.1_XM_001634505.3 (FoxA)
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead_N/Forkhead/HNF_C
motif: ARCH1291_Fox:Ebox
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5901
gene score correlation: 0.8648



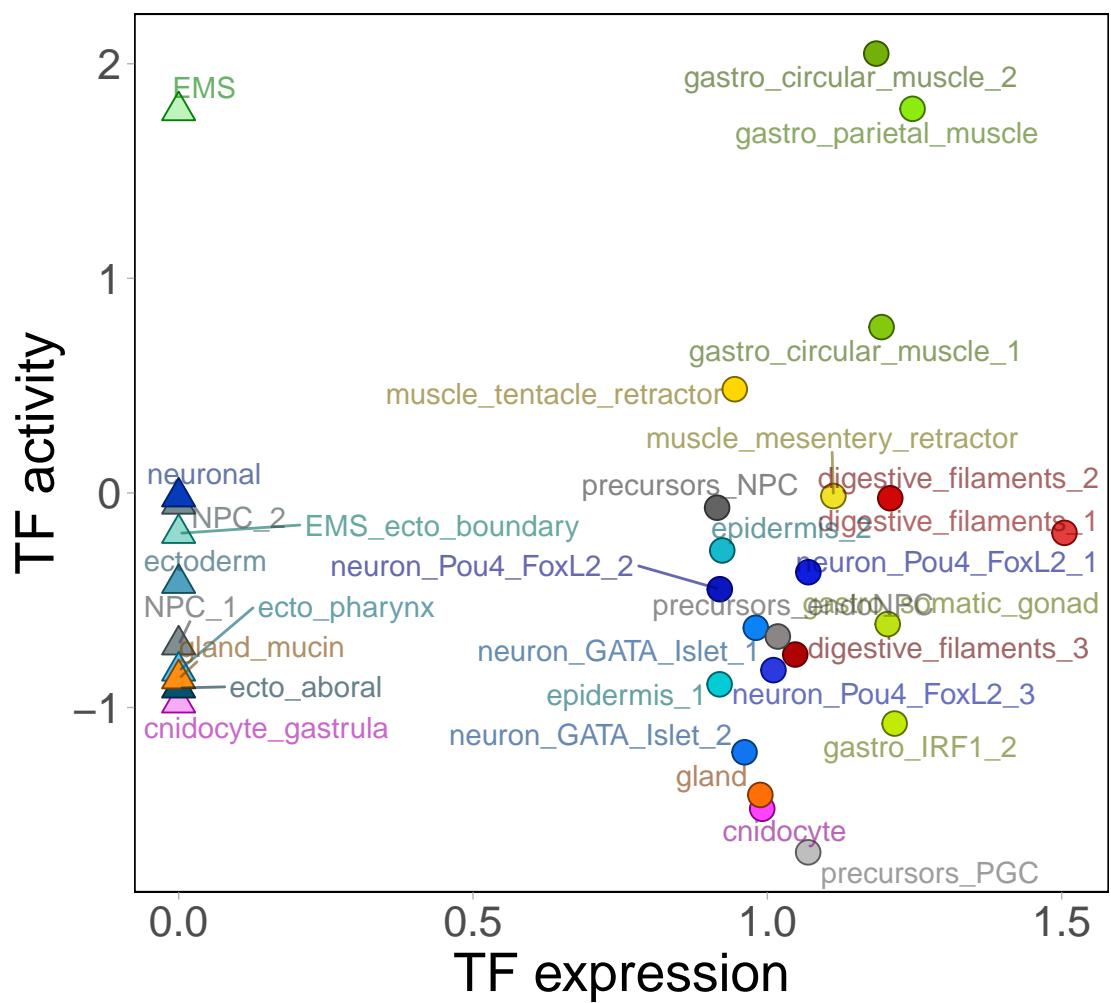
Nvec_vc1.1_XM_001634715.3 (Lbx)
OG: Homeodomains.HG1.29:LBX1/LBX
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.4567
gene score correlation: 0.5809



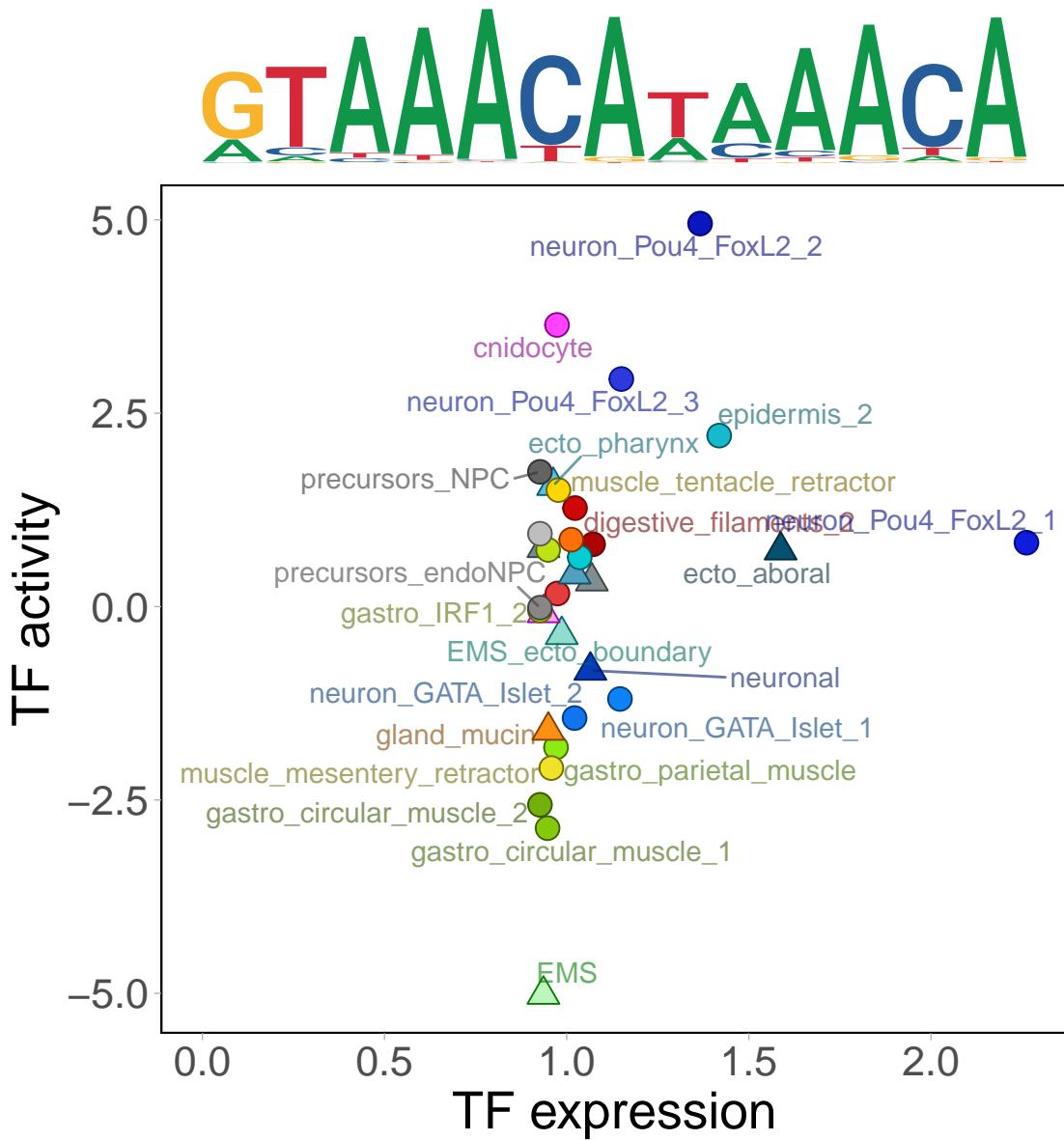
Nvec_vc1.1_XM_001634938.2 (Nem64)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: Nem64_241030_homer
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0629
gene score correlation: 0.1227



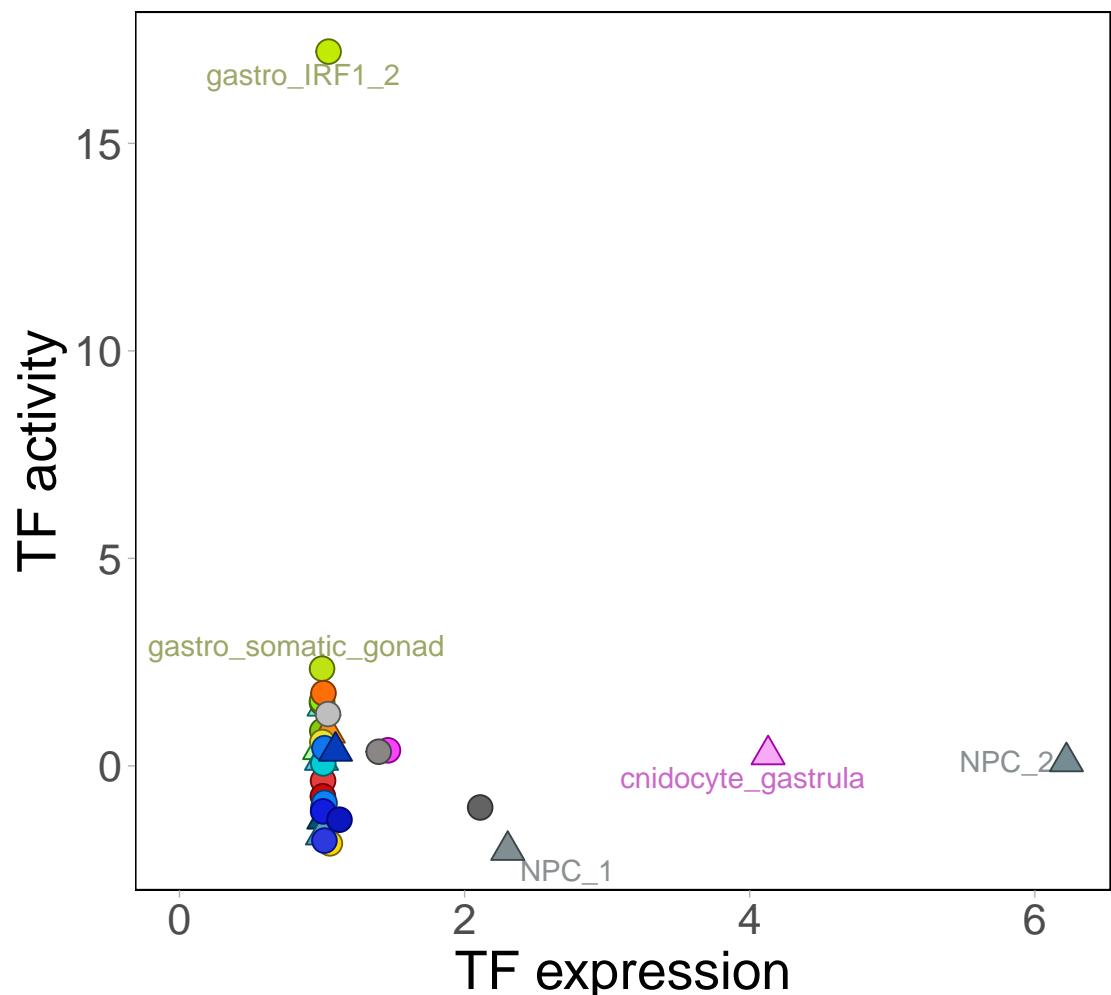
Nvec_vc1.1_XM_001636155.3 (NvSoxF)
OG: HMGbox_Sox.HG1.16:like:PINX1/S
PFAM: HMG_box
motif: ARCH924_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 377
gene expression correlation: 0.0624
gene score correlation: 0.5765



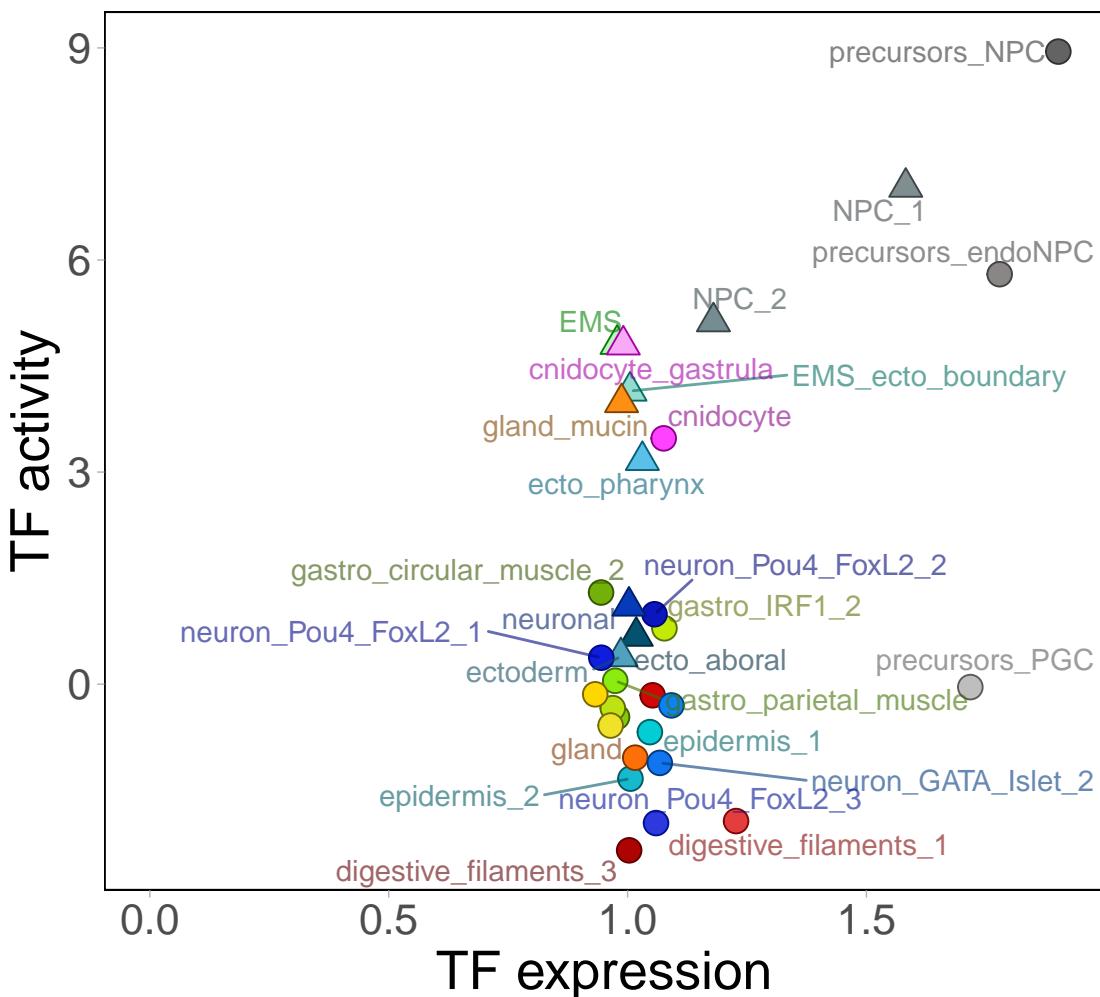
Nvec_vc1.1_XM_001636889.3 (FoxJ1)
OG: Forkhead.HG1.24:FOXJ1
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F.
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2753
gene score correlation: 0.5114



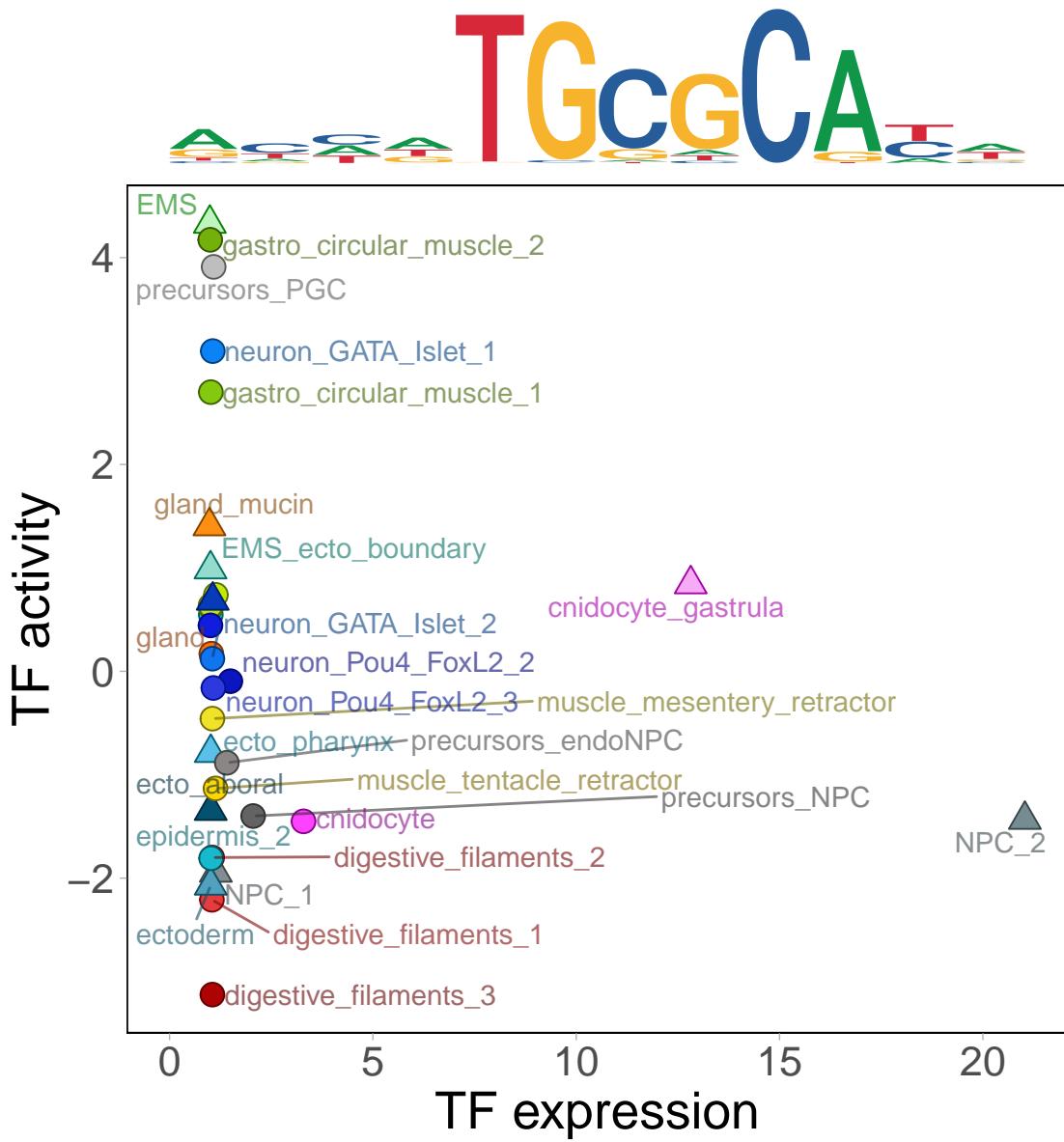
Nvec_vc1.1_XM_001639701.3 (NvSox2
OG: HMGbox_Sox.HG1.14:like:SOX1/S
PFAM: HMG_box
motif: NvSox2_250224_dimont
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.0689
gene score correlation: -0.1236



Nvec_vc1.1_XM_001640809.3 (Myc2)
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: Myc_N/HLH
motif: ARCH783_bHLH18_MNT
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 76
gene expression correlation: 0.5361
gene score correlation: 0.5536

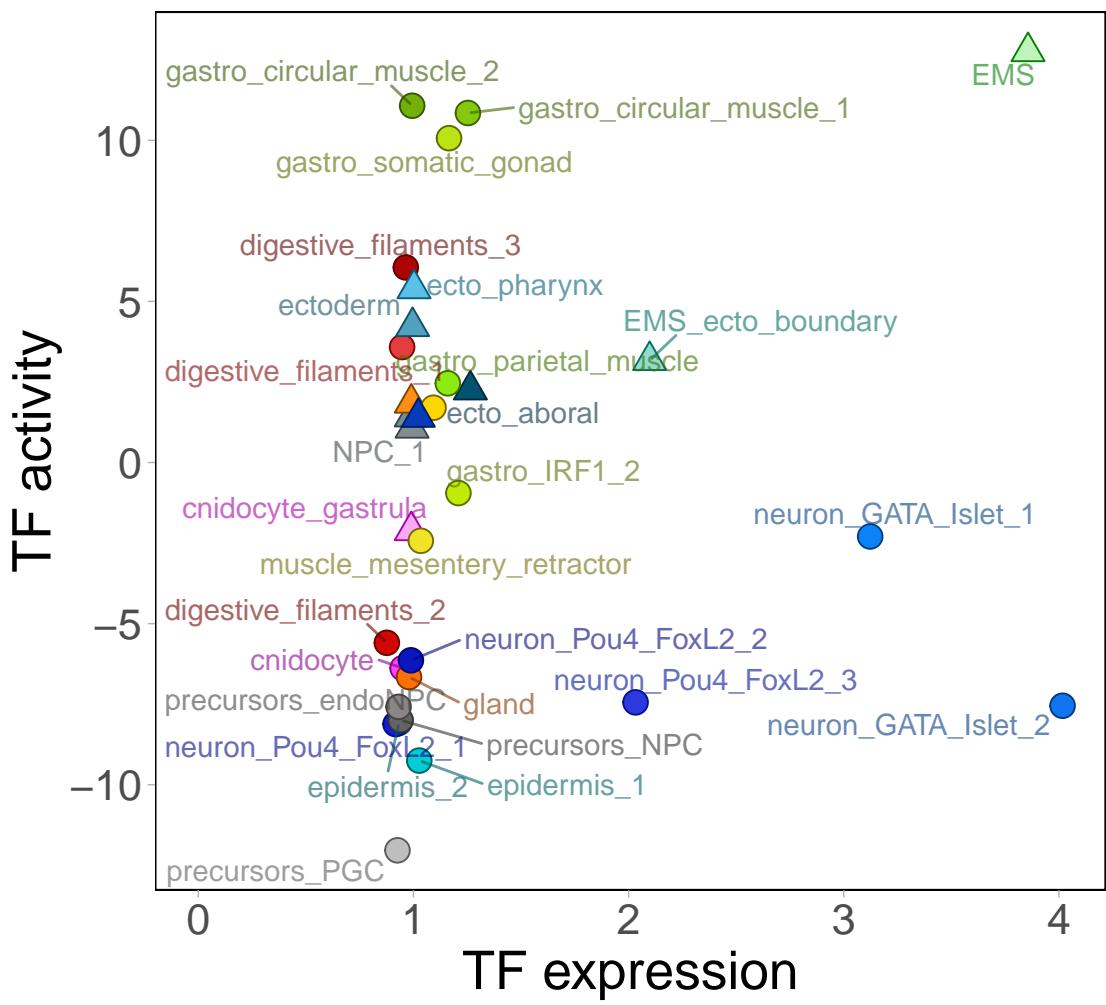


Nvec_vc1.1_XM_001641129.3 (ZNF845)
OG: zf-C2H2.HG3.8:like:ZNF770
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-H
motif: ZNF845_241030_homer
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.1167
gene score correlation: -0.2700

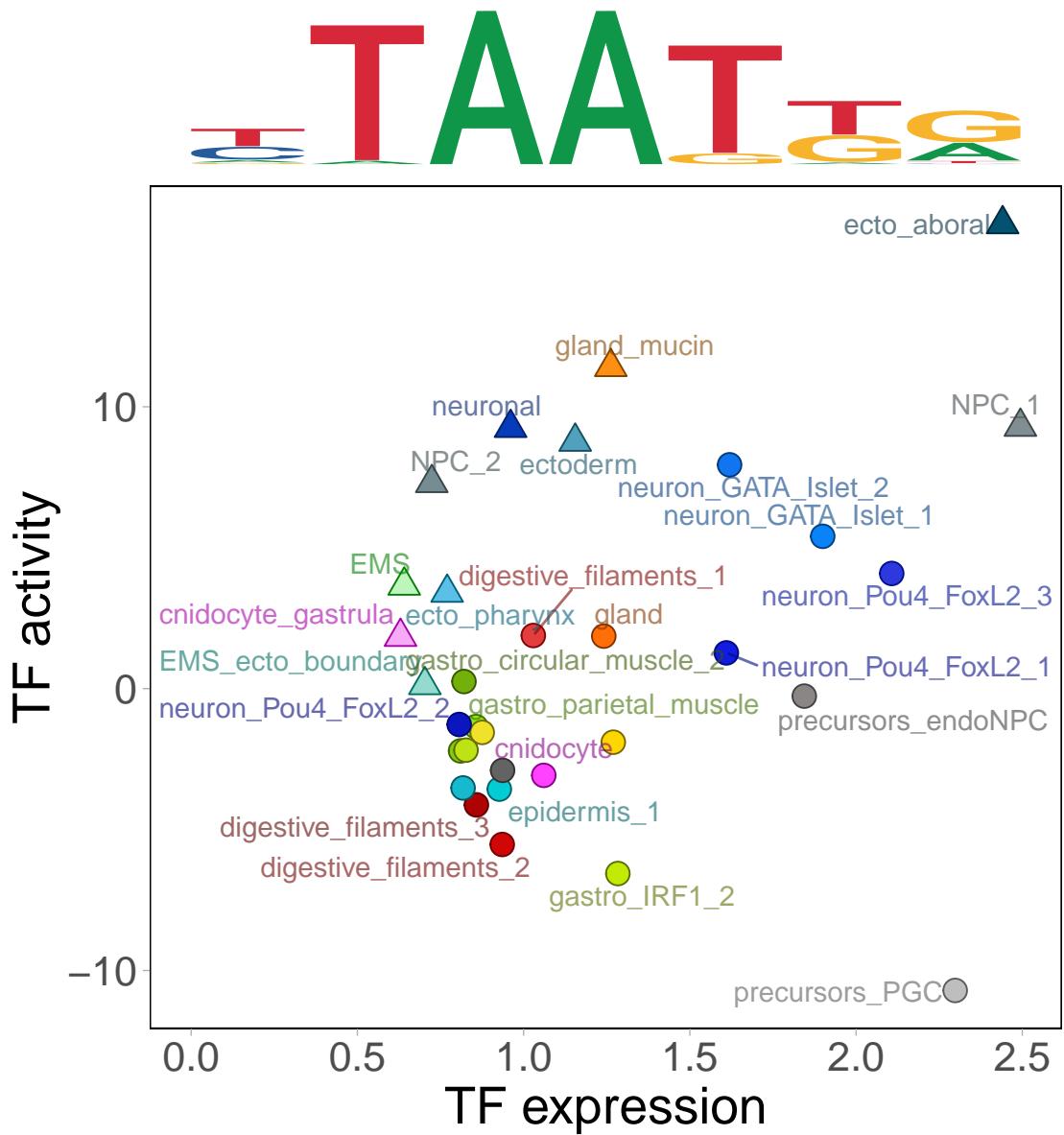


Nvec_vc1.1_XM_001647471.3 (OtxC)
OG: Homeodomains.HG2.46:CRX/OTX
PFAM: Homeodomain
motif: M03808_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1213
gene score correlation: 0.3933

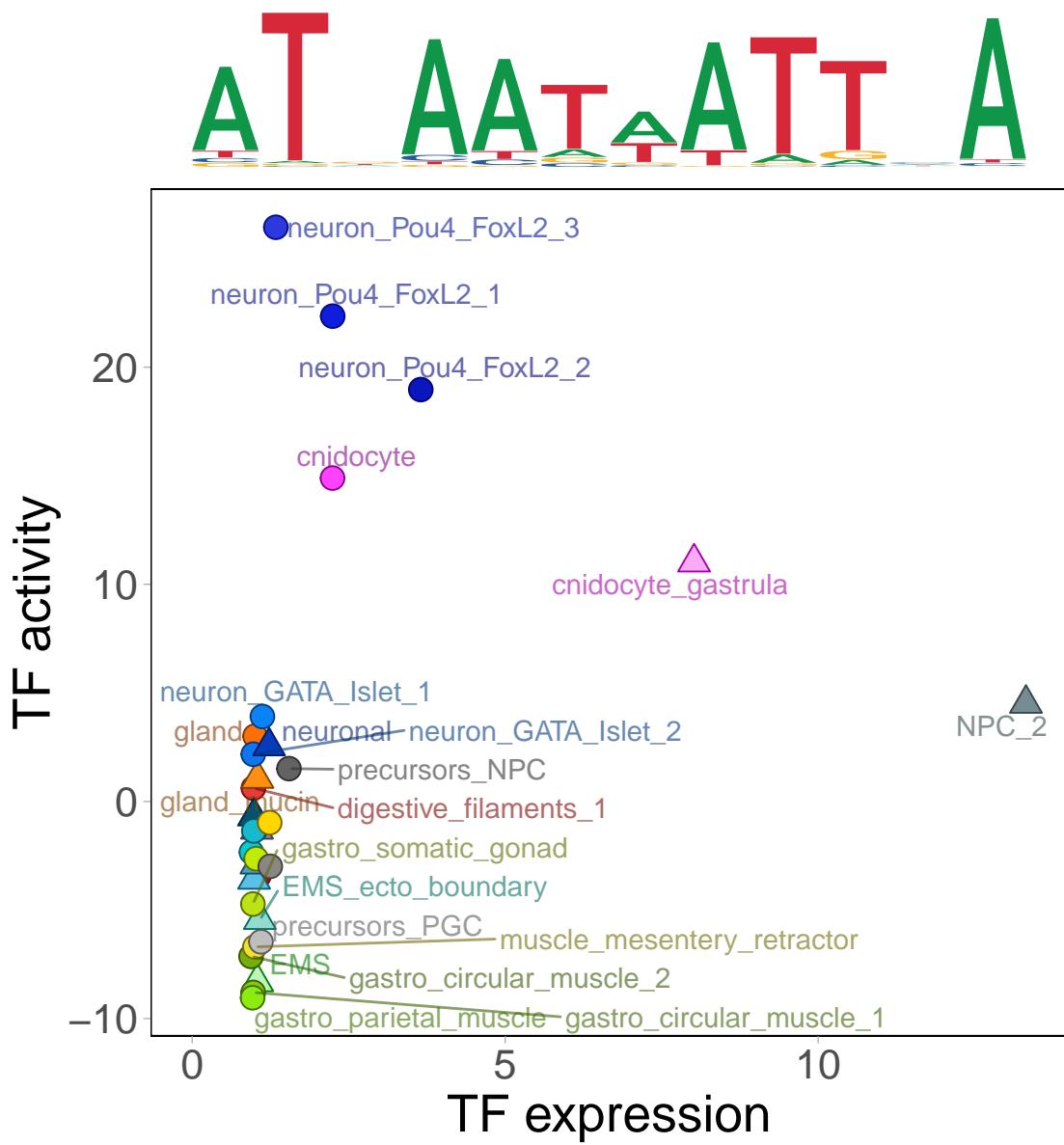
T A A T C c



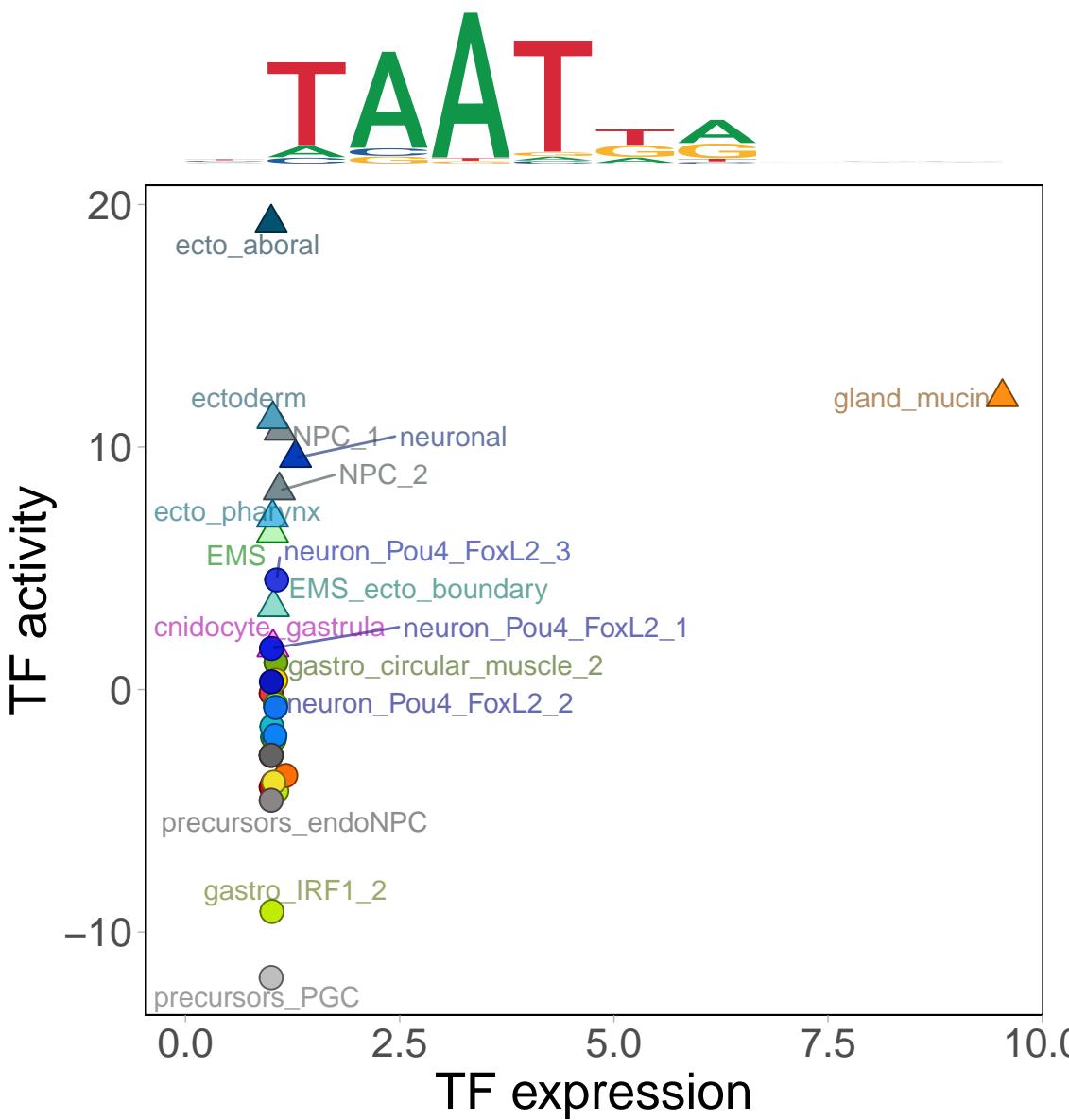
Nvec_vc1.1_XM_032362713.2 (Islet)
OG: Homeodomains.HG2.19:ISL1/ISL2
PFAM: LIM/LIM/Homeodomain
motif: M06272_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.3065
gene score correlation: 0.1636



Nvec_vc1.1_XM_032363992.2 (Pou4)
OG: Homeodomains.HG4.6:POU4F1/POU4F2
PFAM: Pou/Homeodomain
motif: ARCH56_POU4F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3129
gene score correlation: 0.8331

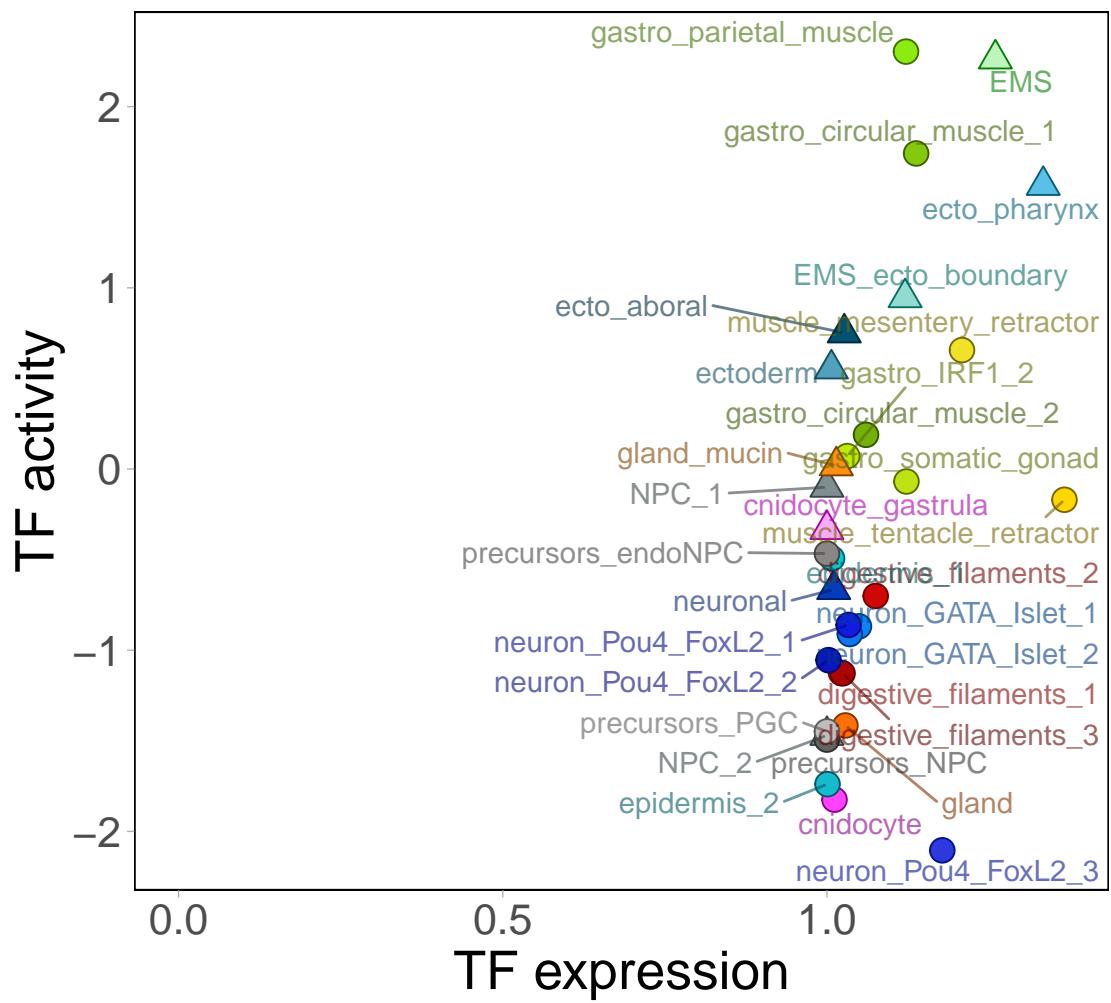


Nvec_vc1.1_XM_032364773.2 (NOTO)
OG: Homeodomains.HG1.59:like:NOTO
PFAM: Homeodomain
motif: M02154_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.3102
gene score correlation: 0.2565

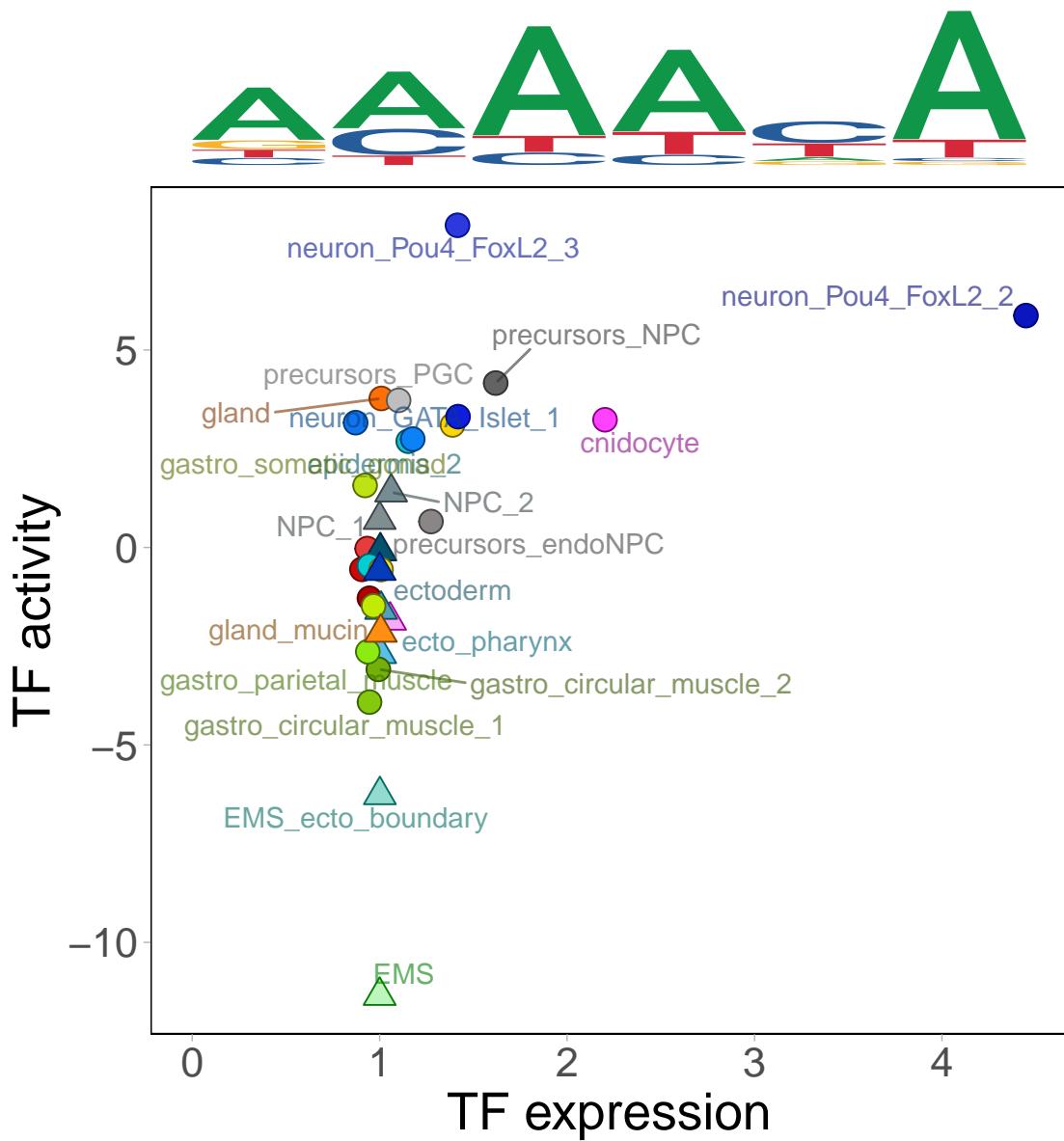


Nvec_vc1.1_XM_032364784.2 (Hhex)
OG: Homeodomains.HG1.28:HHEX
PFAM: Homeodomain
motif: ARCH927_Emx1/Emx2_Gbx1/Gb
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 210
gene expression correlation: 0.5180
gene score correlation: 0.5453

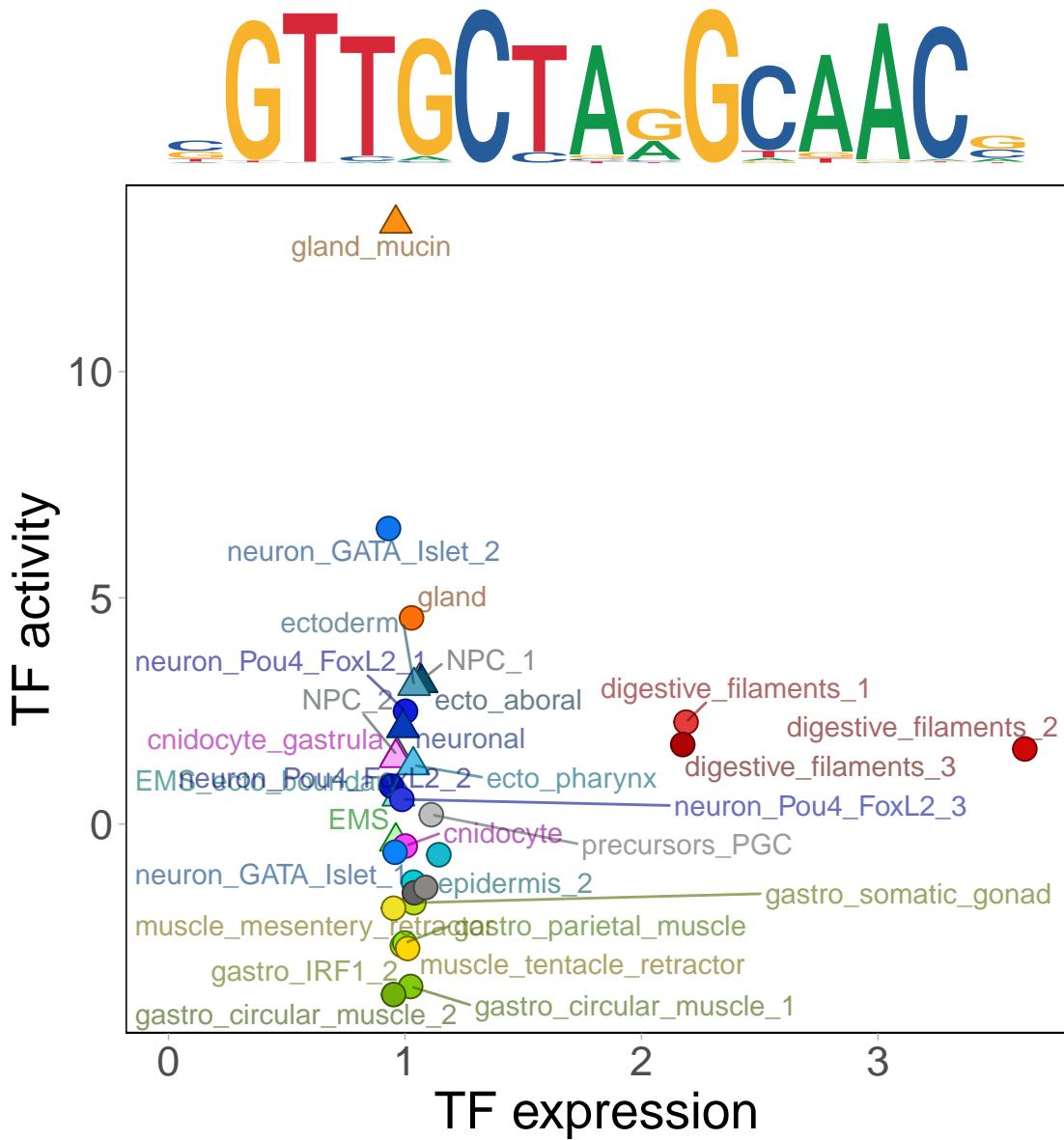
CAAGTgcGCGTG



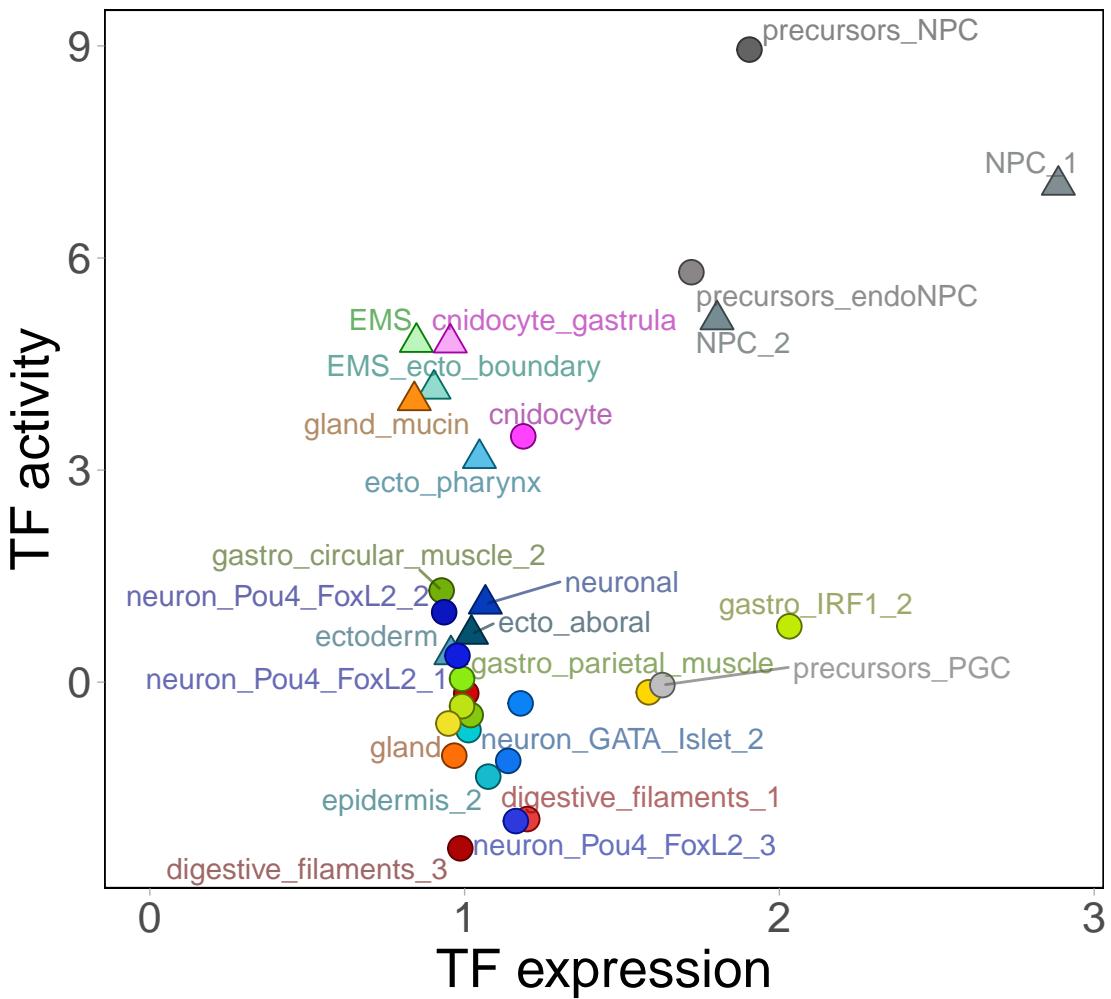
Nvec_vc1.1_XM_032364887.2 (FoxL2)
OG: Forkhead.HG1.20:FOXL2
PFAM: Forkhead
motif: ARCH1102_Foxa3/Foxa1/Foxa2_
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 9
gene expression correlation: 0.4363
gene score correlation: 0.5721



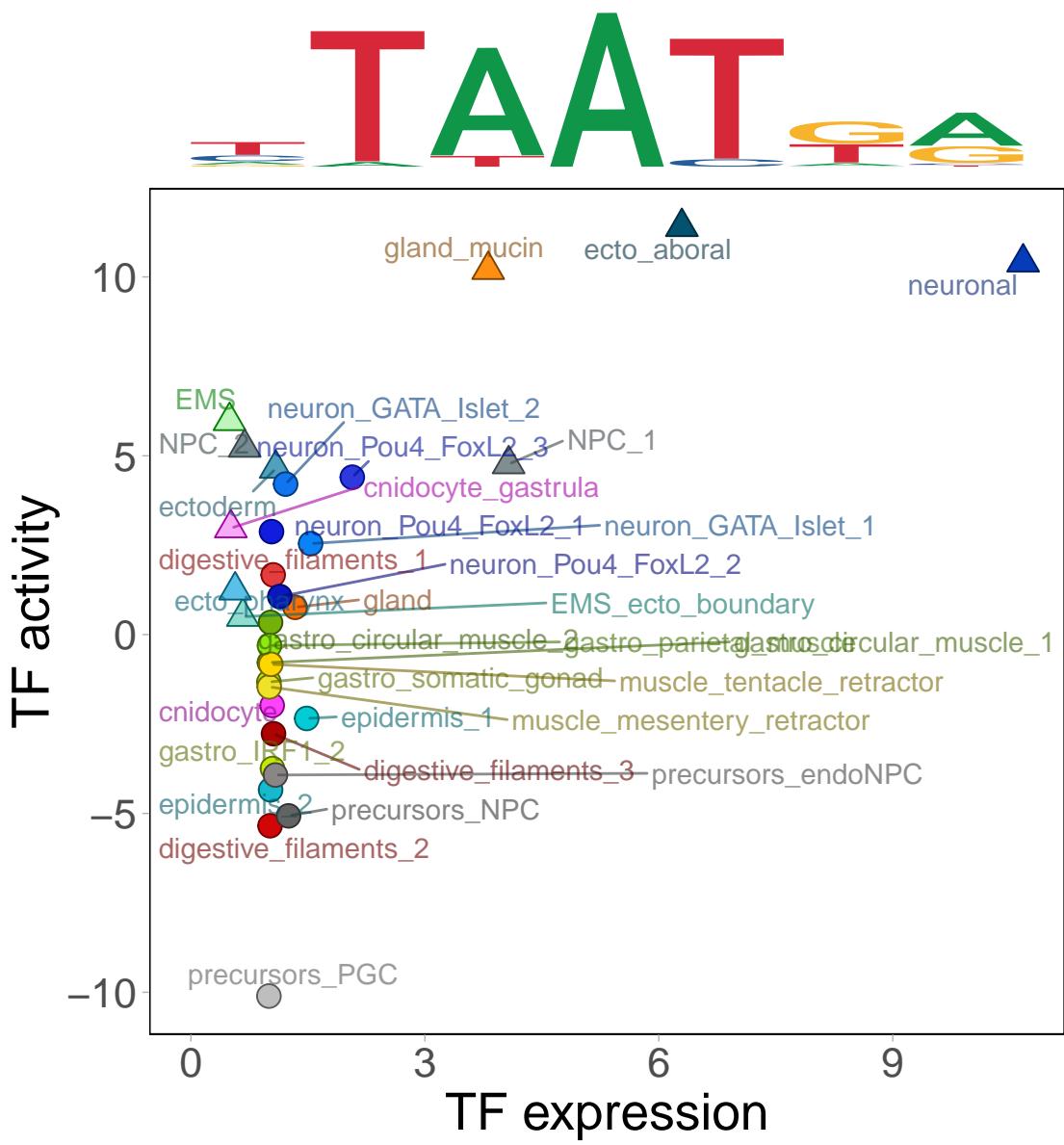
Nvec_vc1.1_XM_032365096.2 (Rfx4/6/8)
OG: RFX.HG1.7:RFX6
PFAM: RFX_DNA_binding
motif: ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 122
gene expression correlation: 0.0799
gene score correlation: 0.0302



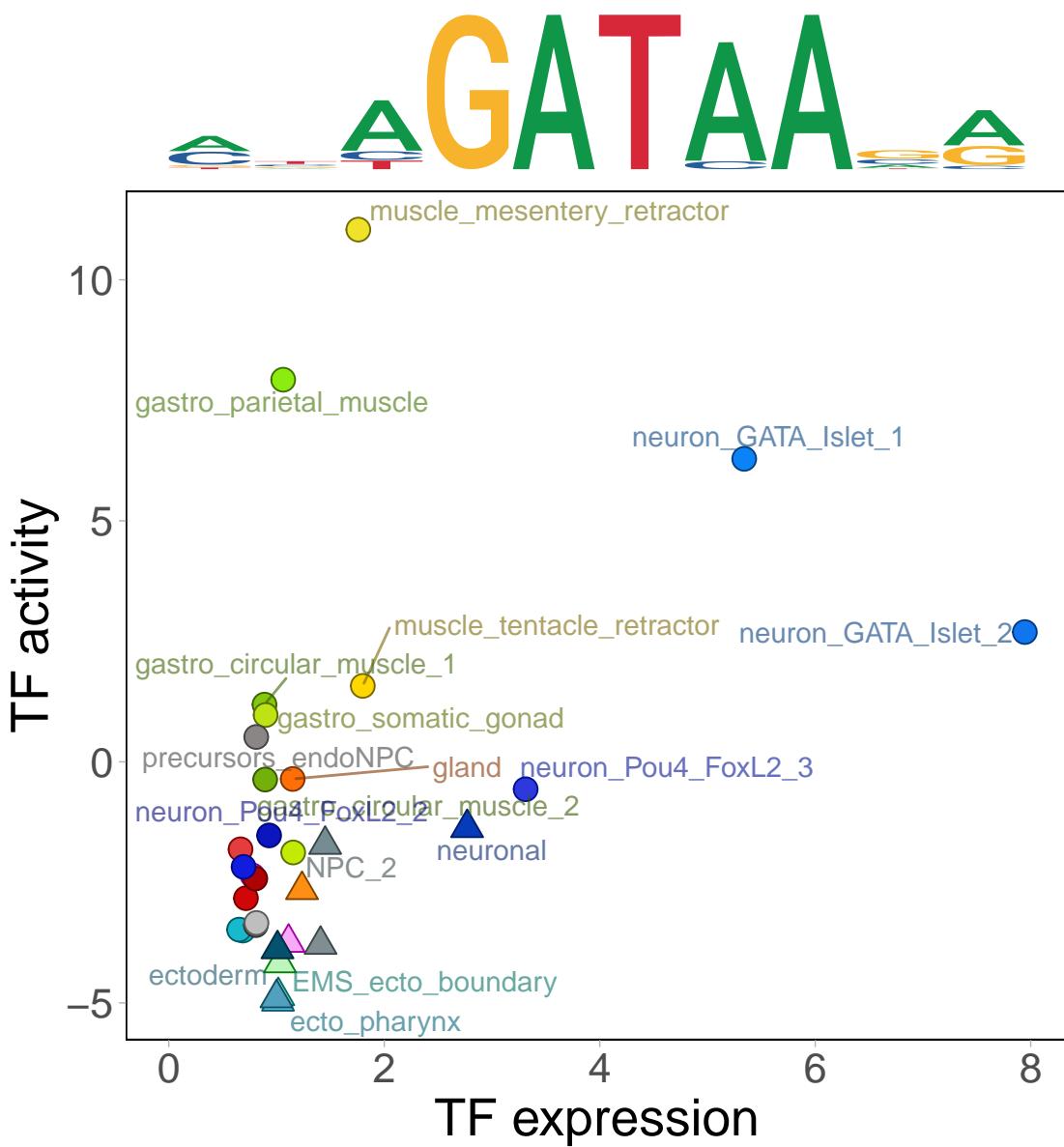
Nvec_vc1.1_XM_032366098.2 (Ptx1)
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH
motif: ARCH783_bHLH18_MNT
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 54
gene expression correlation: 0.4724
gene score correlation: 0.5380



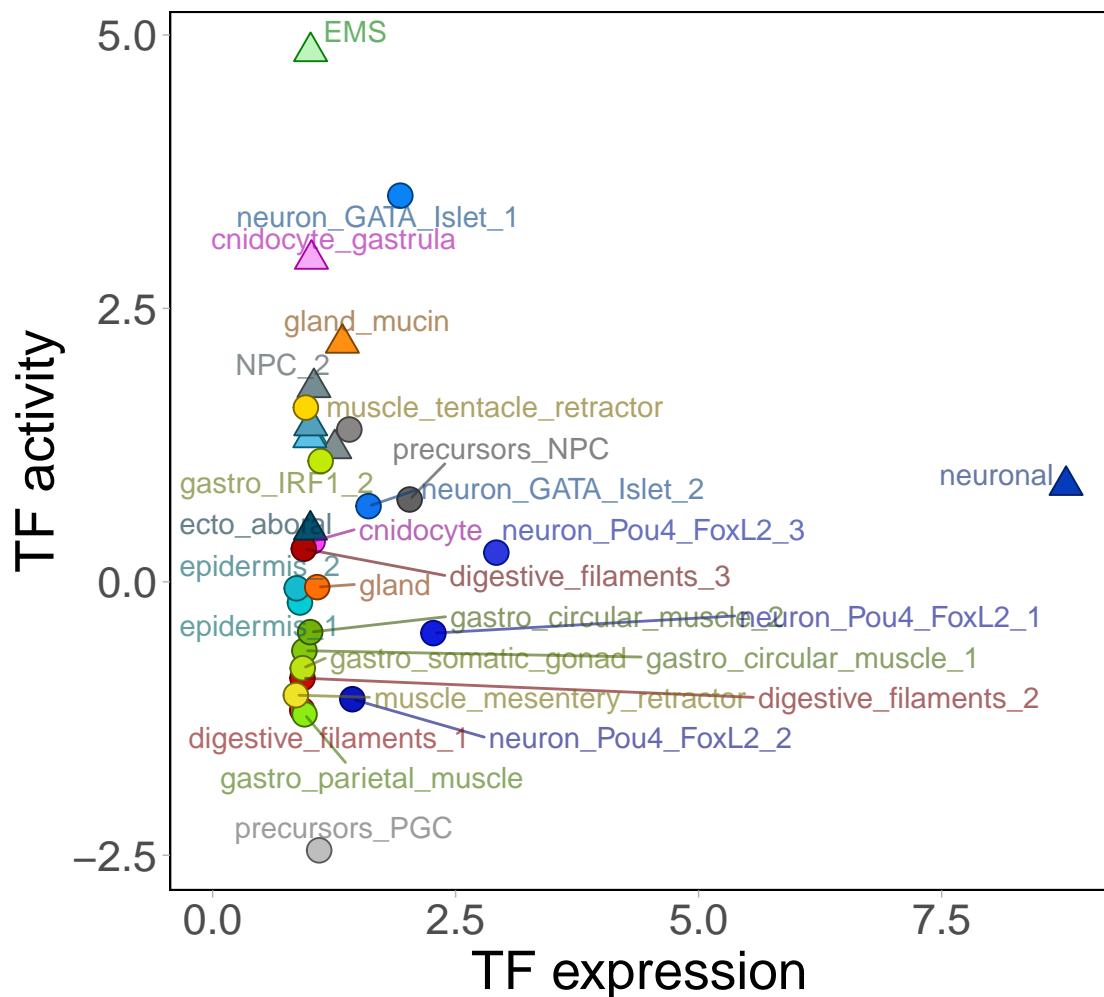
Nvec_vc1.1_XM_032366733.2 (Anthox1
OG: Homeodomains.HG1.68:AC004080
PFAM: Homeodomain
motif: M06267_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.6018
gene score correlation: 0.2724



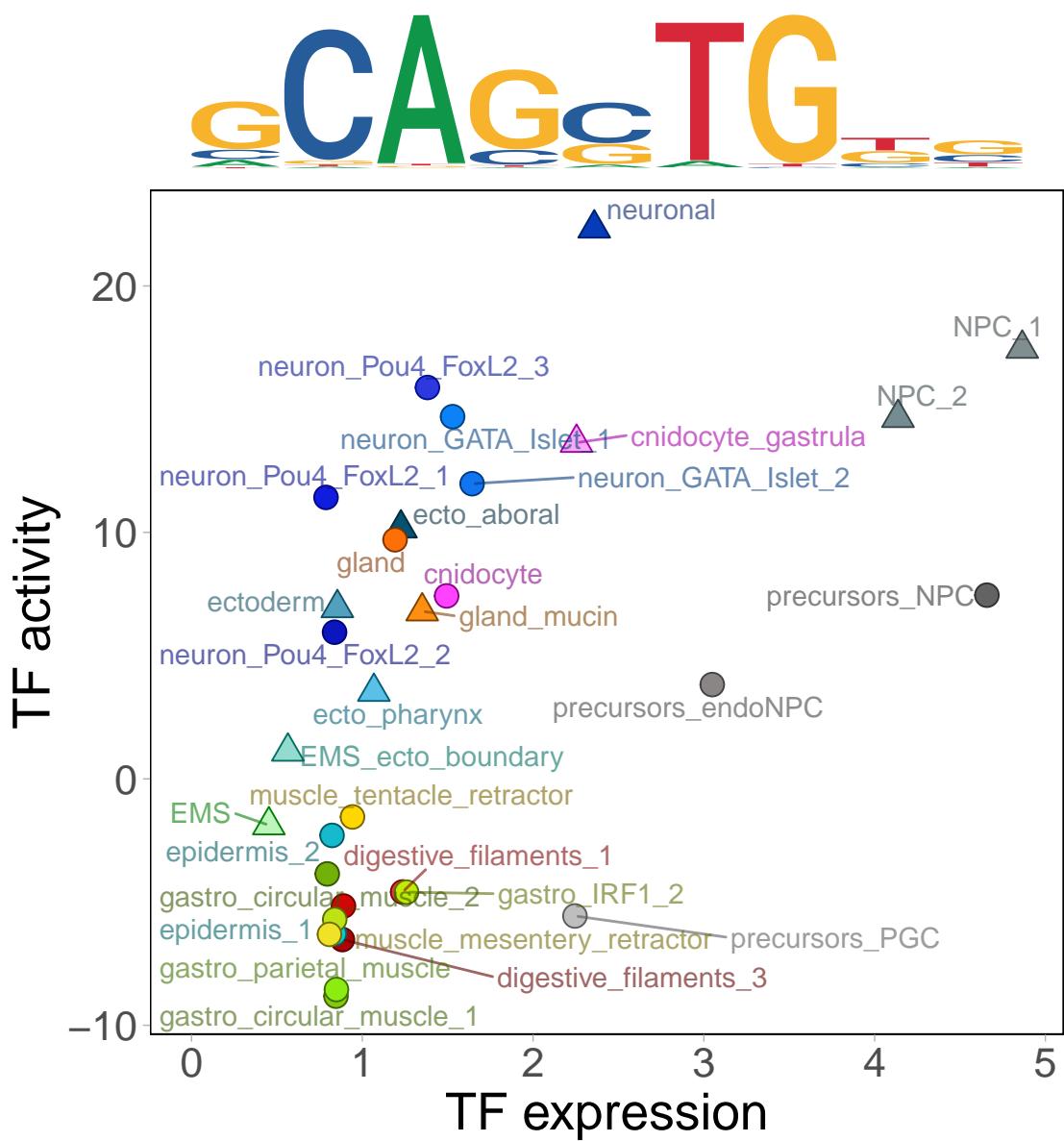
Nvec_vc1.1_XM_032367288.2 (GATA)
OG: GATA.HG1.5:GATA1/GATA2/GATA3
PFAM: GATA/GATA
motif: ARCH1455_Gata3/Gata1/Gata2
TF family: GATA
archetype family: GATA
CisBP assigned: TRUE
rank: 3
gene expression correlation: 0.4117
gene score correlation: 0.8807



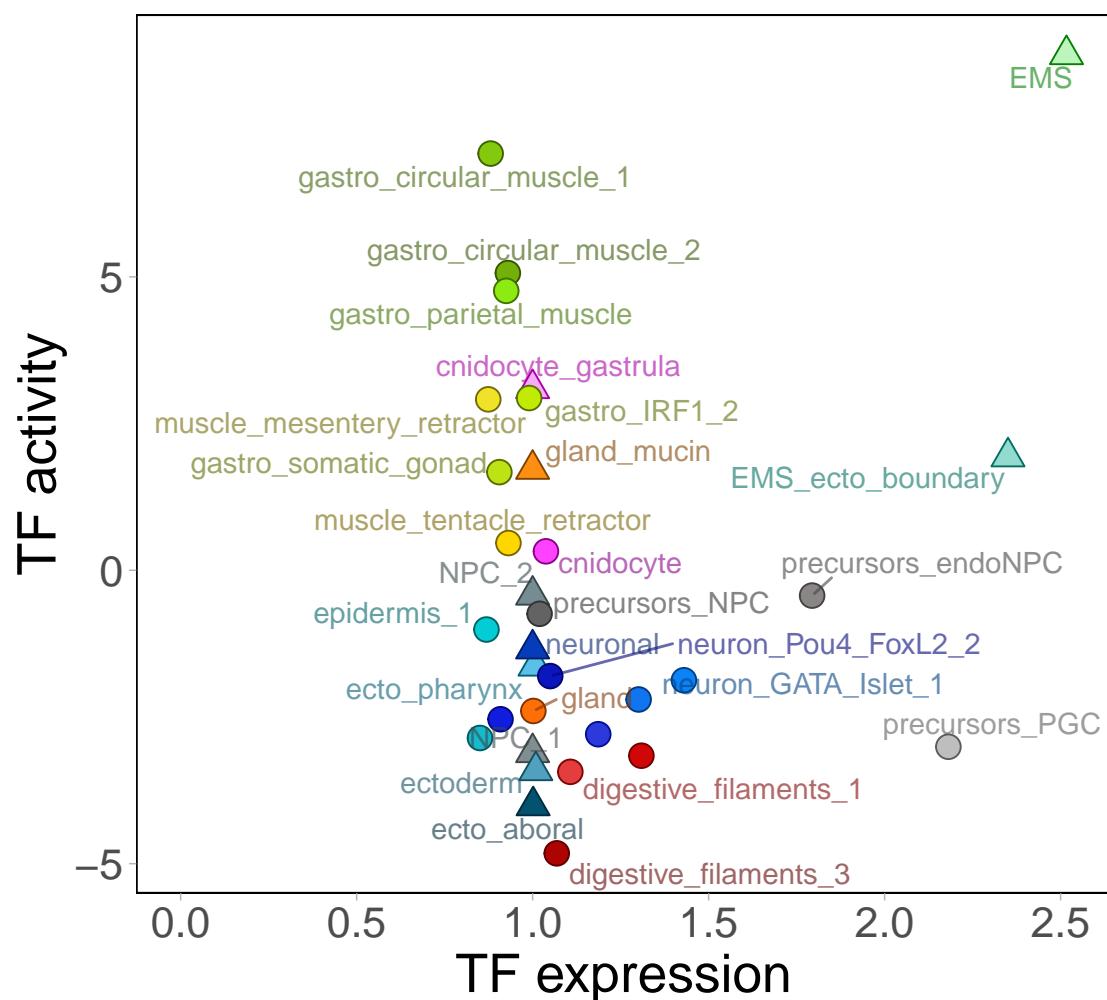
Nvec_vc1.1_XM_032370984.2 (AshA)
OG: HLH.HG1.58:like:ASCL1/ASCL2/AS
PFAM: HLH
motif: AshA_250224_streme
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0714
gene score correlation: 0.0690



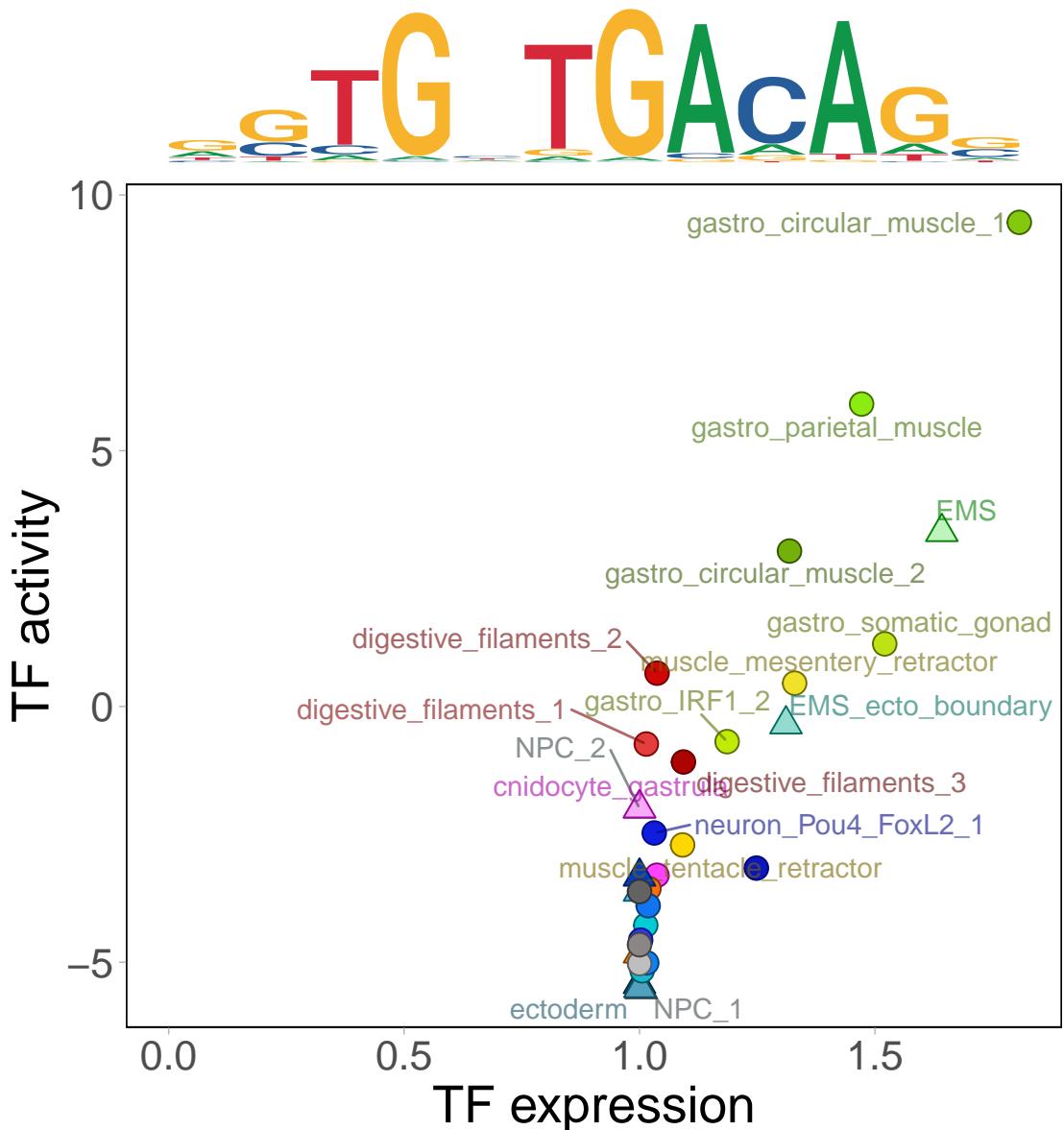
Nvec_vc1.1_XM_032372264.2 (NvSoxC)
OG: HMGbox_Sox.HG1.11:SOX4/SOX1
PFAM: HMG_box
motif: ARCH482_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 20
gene expression correlation: 0.5187
gene score correlation: 0.3099



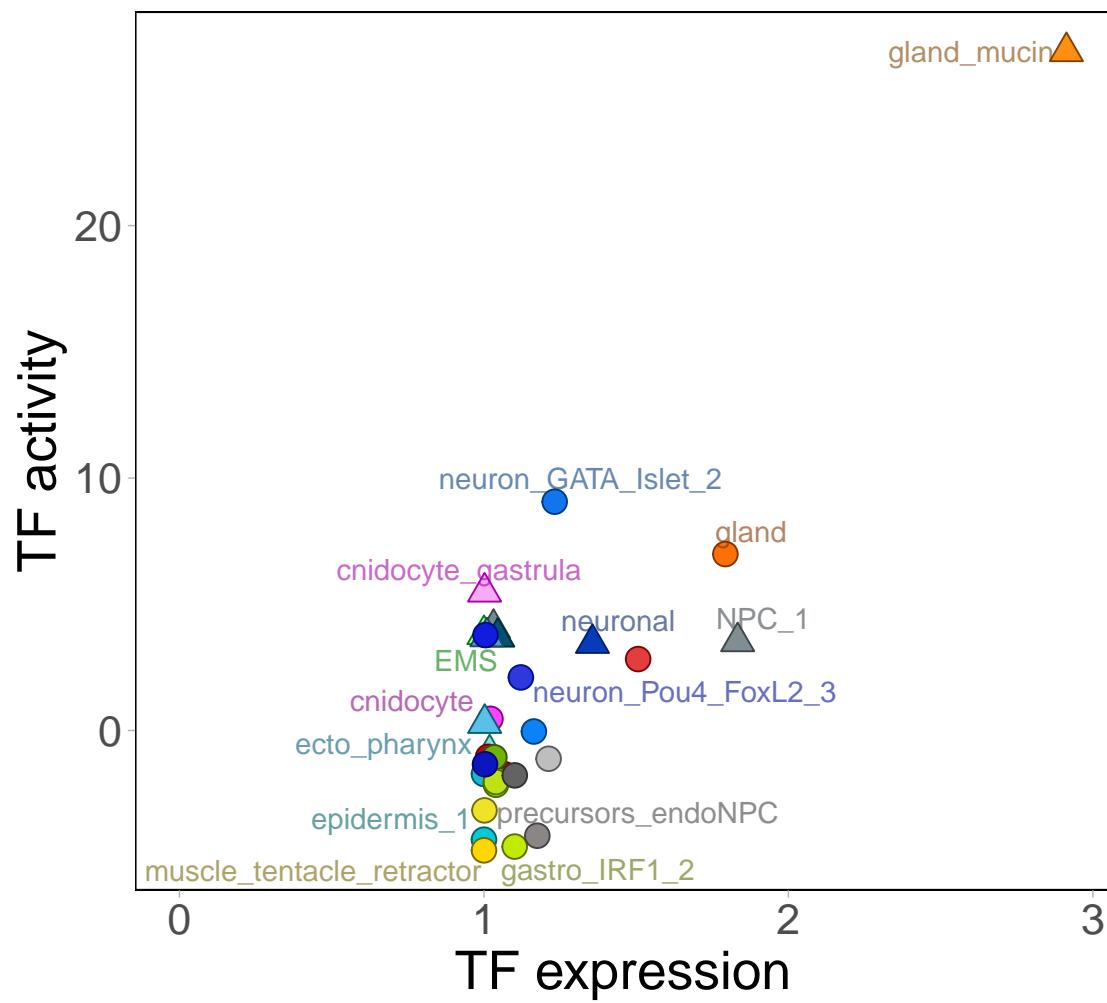
Nvec_vc1.1_XM_032373618.2 (Nkx-2.2)
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: Nkx-2.2a_241030_streme
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1771
gene score correlation: -0.1472



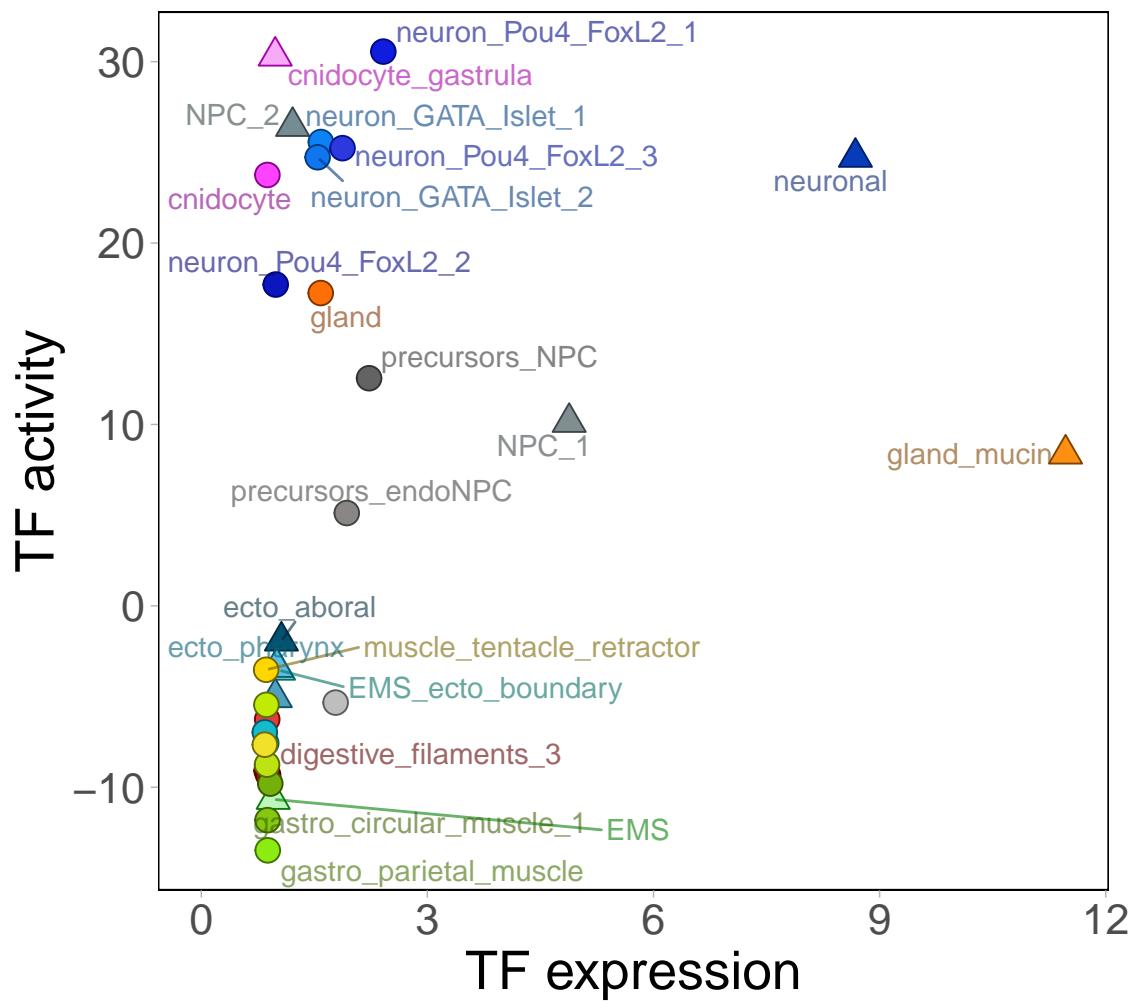
Nvec_vc1.1_XM_032374843.2 (Tbx1/10)
OG: T-box.HG1.13:TBX1/TBX10/TBX1
PFAM: T-box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.8805
gene score correlation: 0.8708



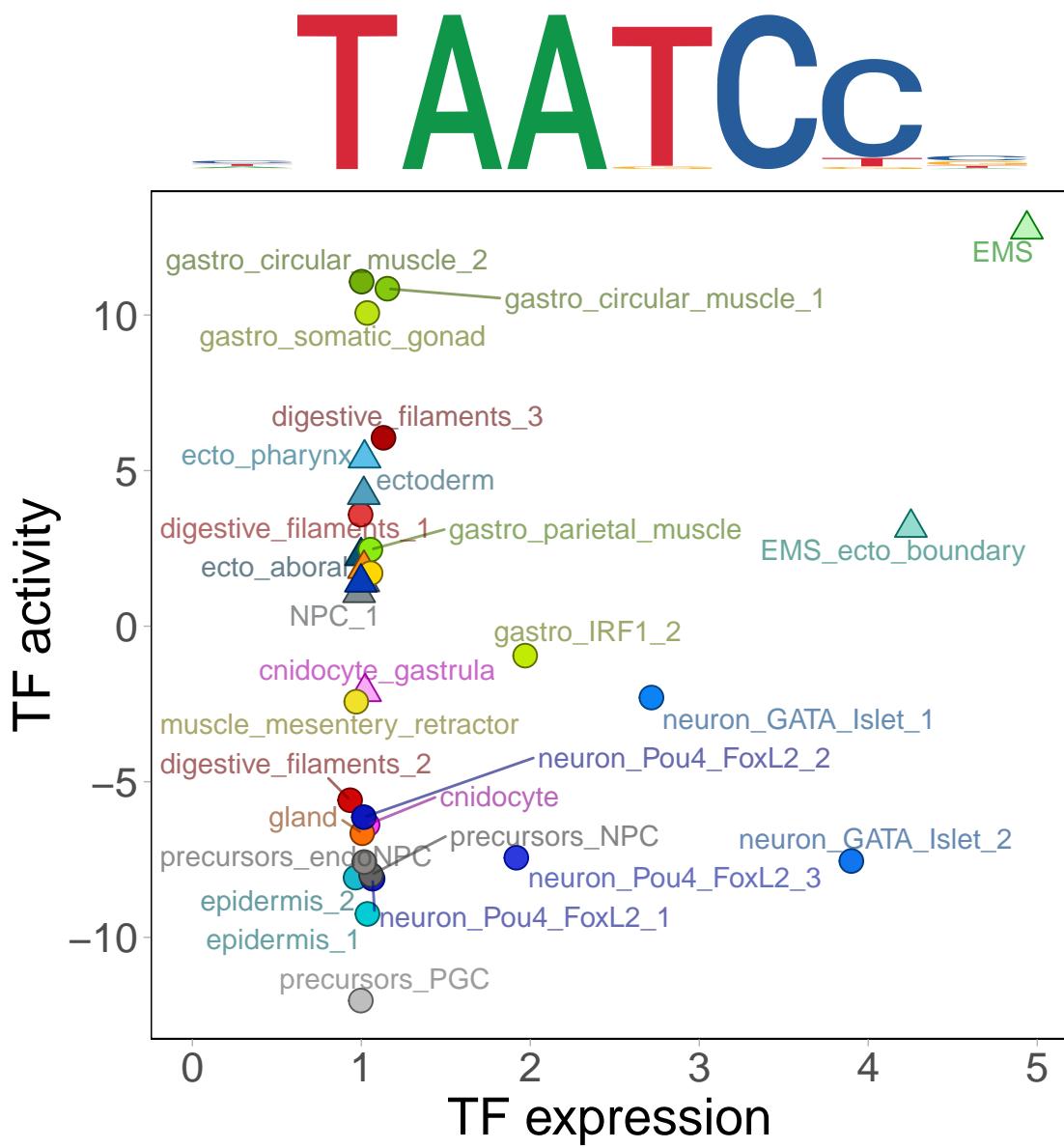
Nvec_vc1.1_XM_032375228.2 (Rfx4)
OG: RFX.HG1.3:like:RFX4/RFX6/RFX8
PFAM: RFX_DNA_binding
motif: Rfx4_241030_homer
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.8060
gene score correlation: 0.6726



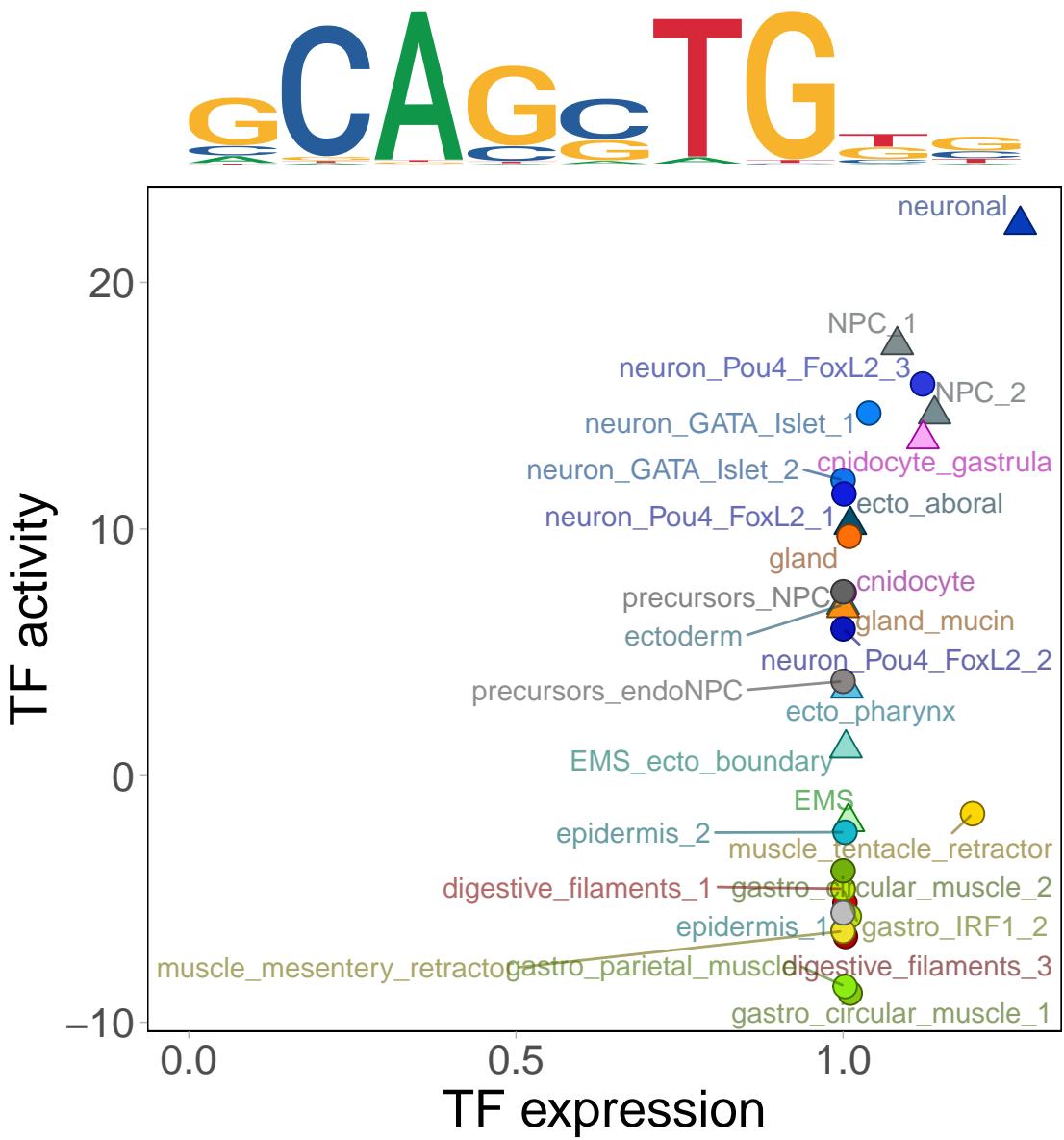
Nvec_vc1.1_XM_032375602.2 (Insm1)
OG: zf-C2H2.HG25.1:INSM1/INSM2
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH530_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 11
gene expression correlation: 0.2967
gene score correlation: 0.5751



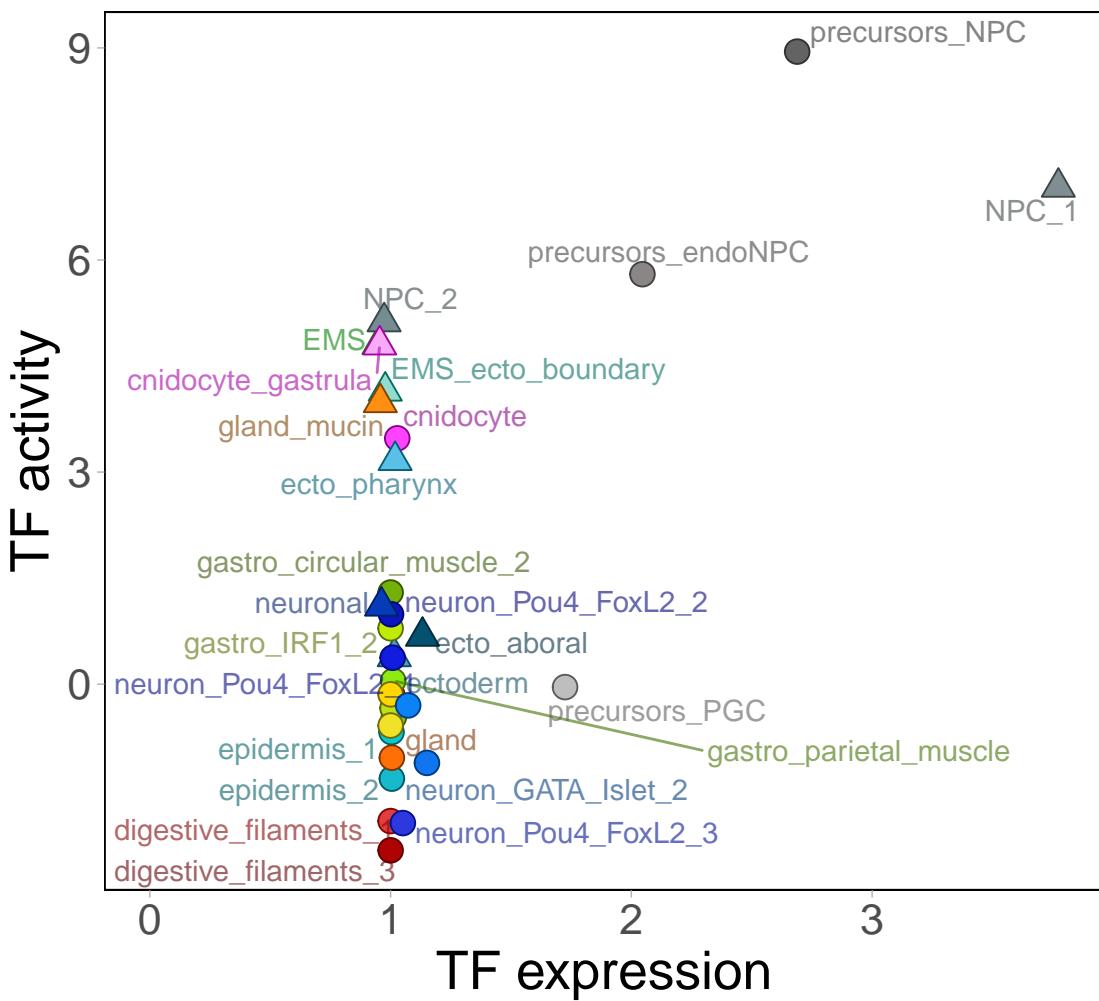
Nvec_vc1.1_XM_032375635.2 (OtxB)
OG: Homeodomains.HG2.46:CRX/OTX
PFAM: Homeodomain
motif: M03808_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1807
gene score correlation: 0.5170



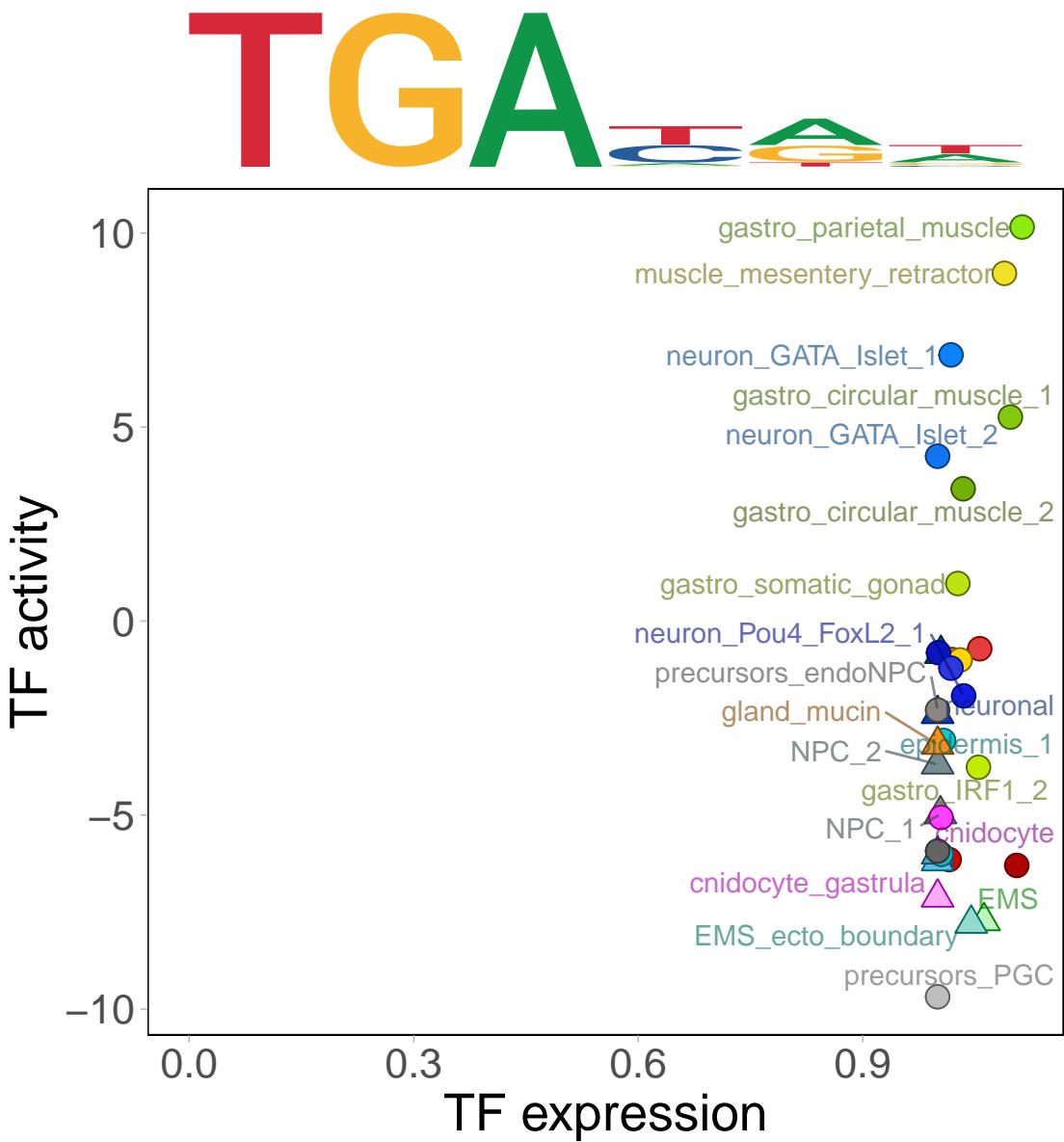
Nvec_vc1.1_XM_032376206.2 (SoxB2)
OG: HMGbox_Sox.HG1.13:like:SOX1/S
PFAM: HMG_box
motif: ARCH482_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 270
gene expression correlation: 0.5325
gene score correlation: 0.0357



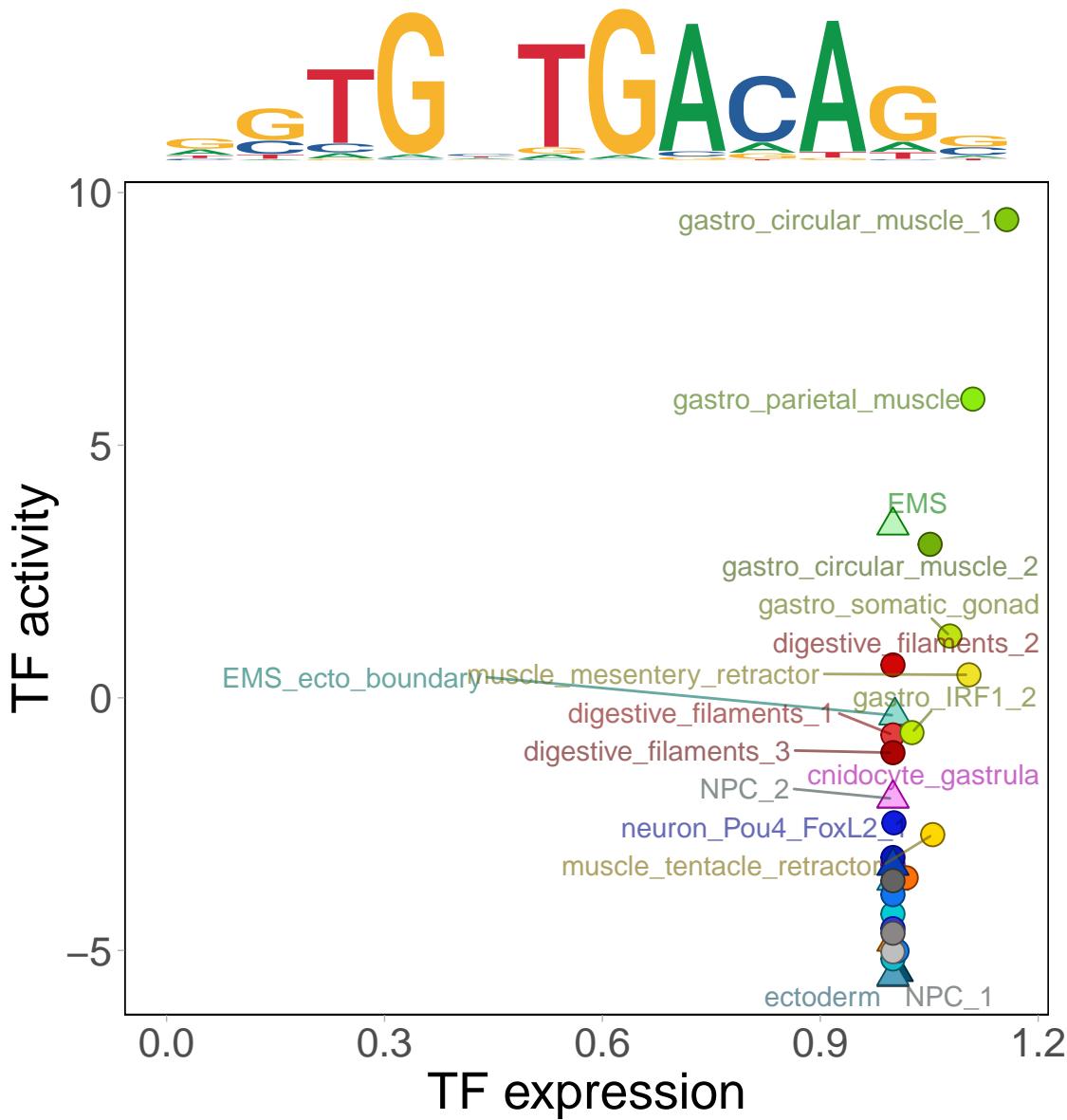
Nvec_vc1.1_XM_032376421.2 (Ath-like)
OG: HLH.HG1.80:like:NEUROD1/NEUROD2
PFAM: HLH
motif: ARCH783_bHLH18_MNT
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.5835
gene score correlation: 0.5588



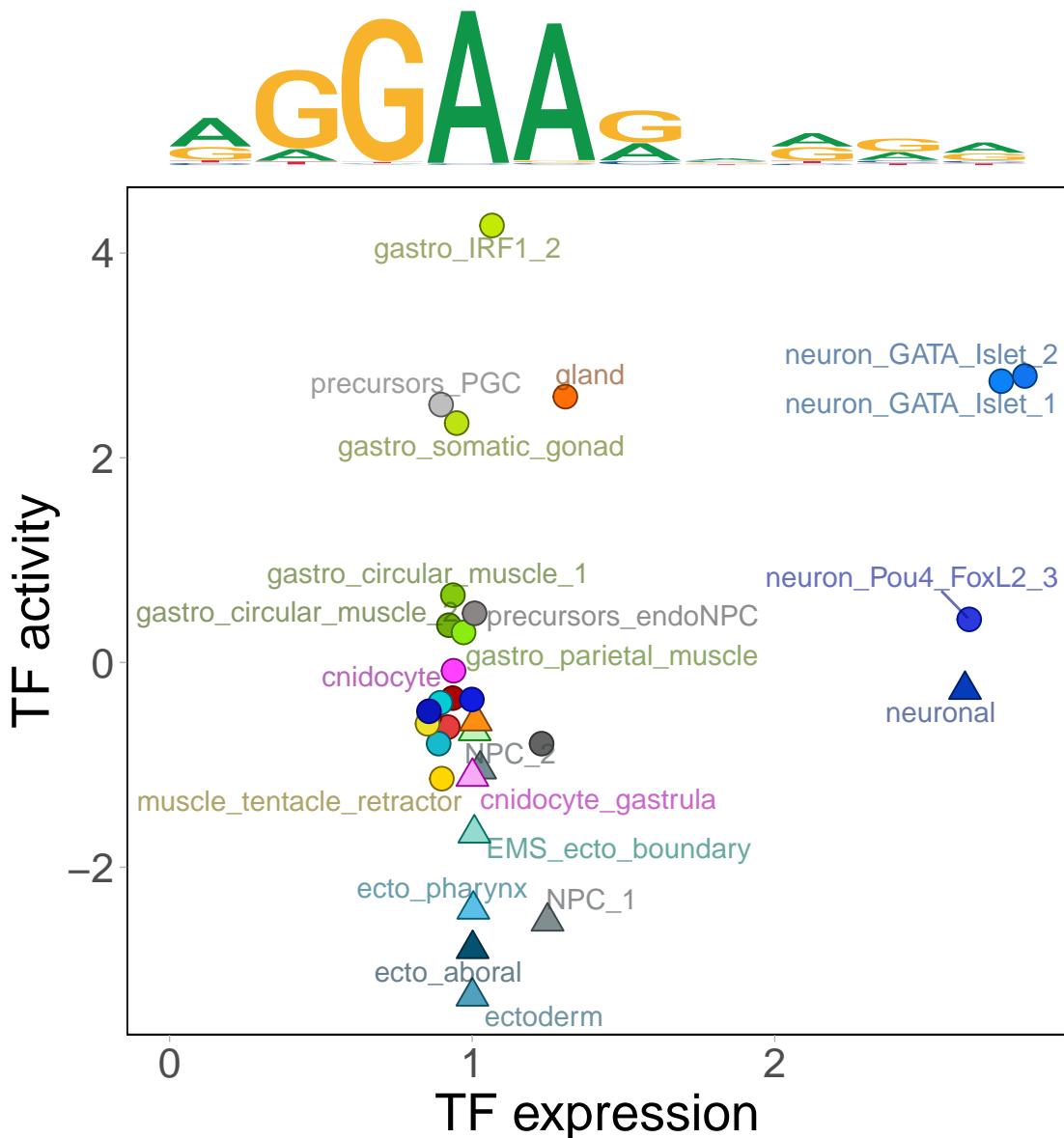
Nvec_vc1.1_XM_032377358.2 (VAX-EM)
OG: Homeodomains.HG1.42:VAX1/VAX
PFAM: Homeodomain
motif: ARCH1552_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.4494
gene score correlation: 0.4536



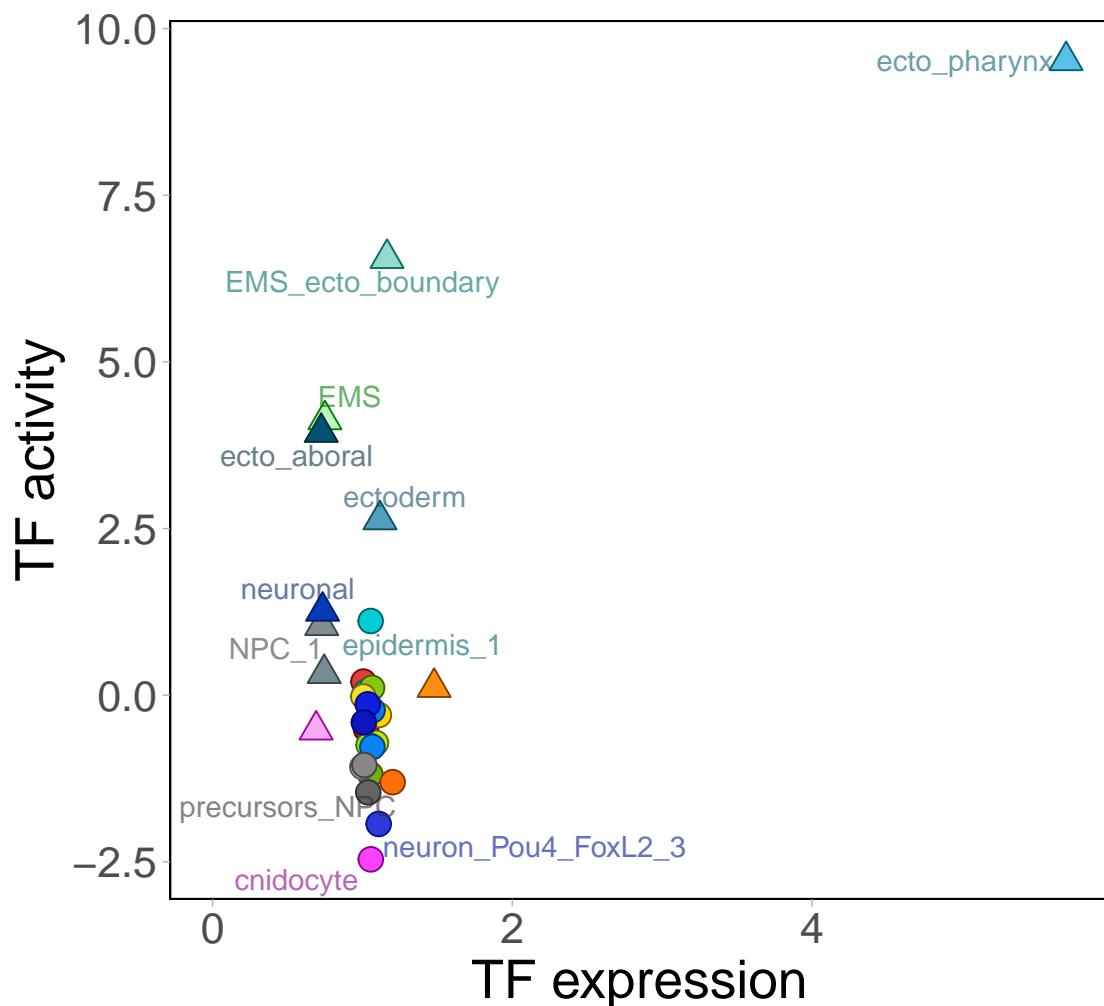
Nvec_vc1.1_XM_032377450.2 (Tbx20-
OG: T-box.HG1.13:TBX1/TBX10/TBX1
PFAM: T-box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.7688
gene score correlation: 0.8397



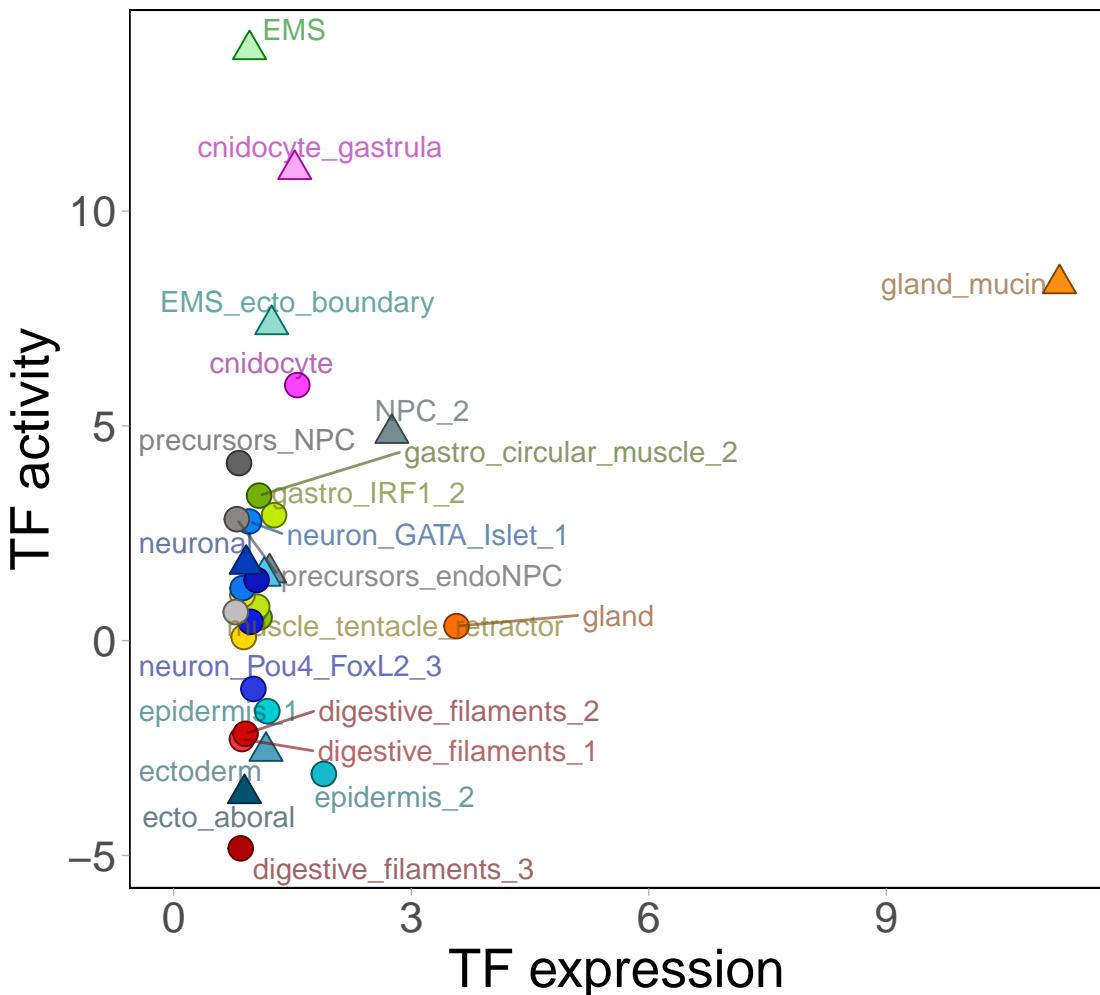
Nvec_vc1.1_XM_032377897.2 (Pea3/E
OG: Ets.HG1.3:ETV1/ETV4/ETV5
PFAM: ETS_PEA3_N/Ets
motif: ARCH593_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 39
gene expression correlation: 0.3484
gene score correlation: 0.4858



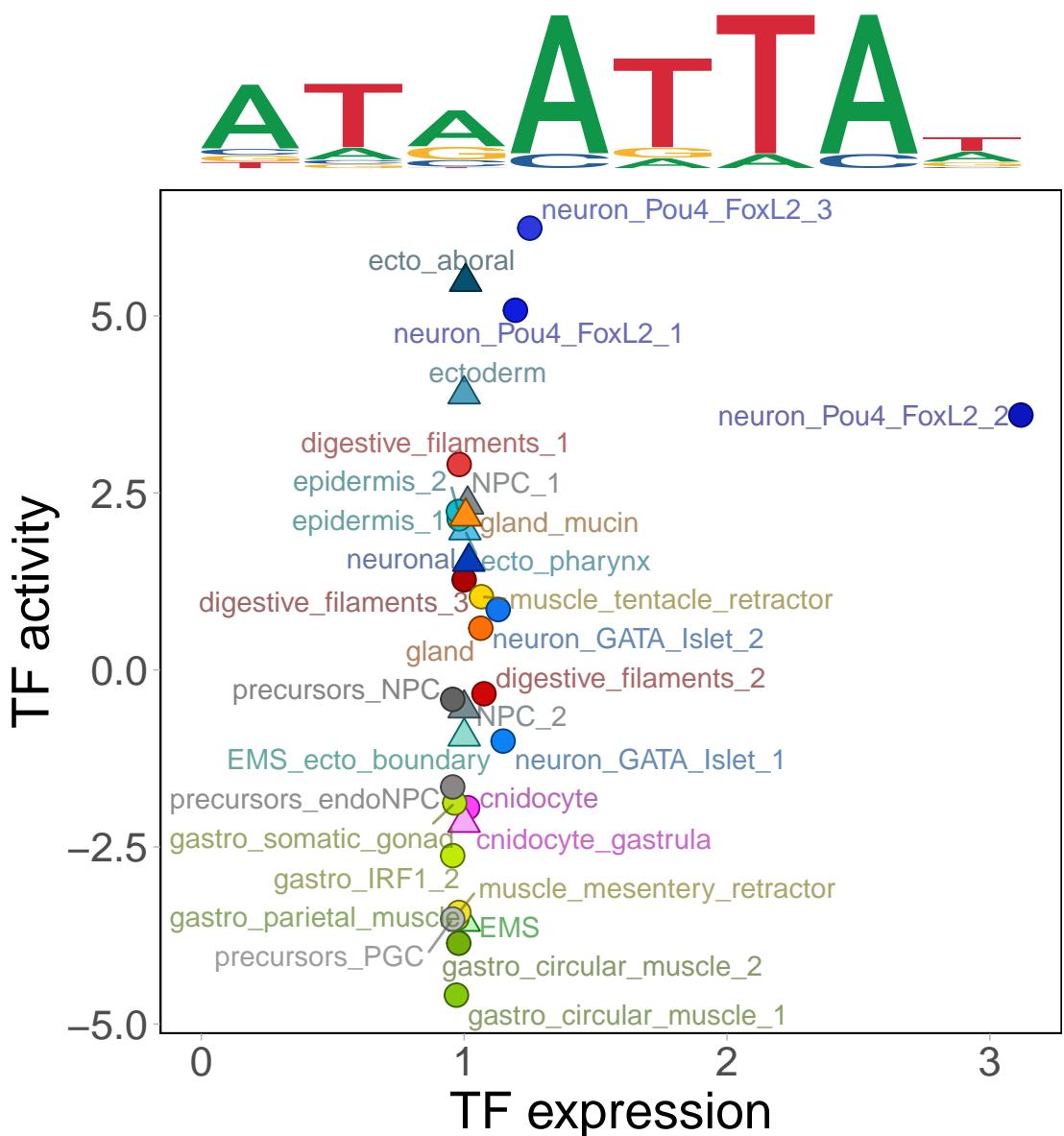
Nvec_vc1.1_XM_032378021.2 (BrachyU)
OG: T-box.HG1.5:TBX19/TBXT
PFAM: T-box
motif: ARCH833_Tbx18/Tbx22/Tbx15_T
TF family: T-box
archetype family: T-box
CisBP assigned: TRUE
rank: 247
gene expression correlation: 0.6202
gene score correlation: 0.4153



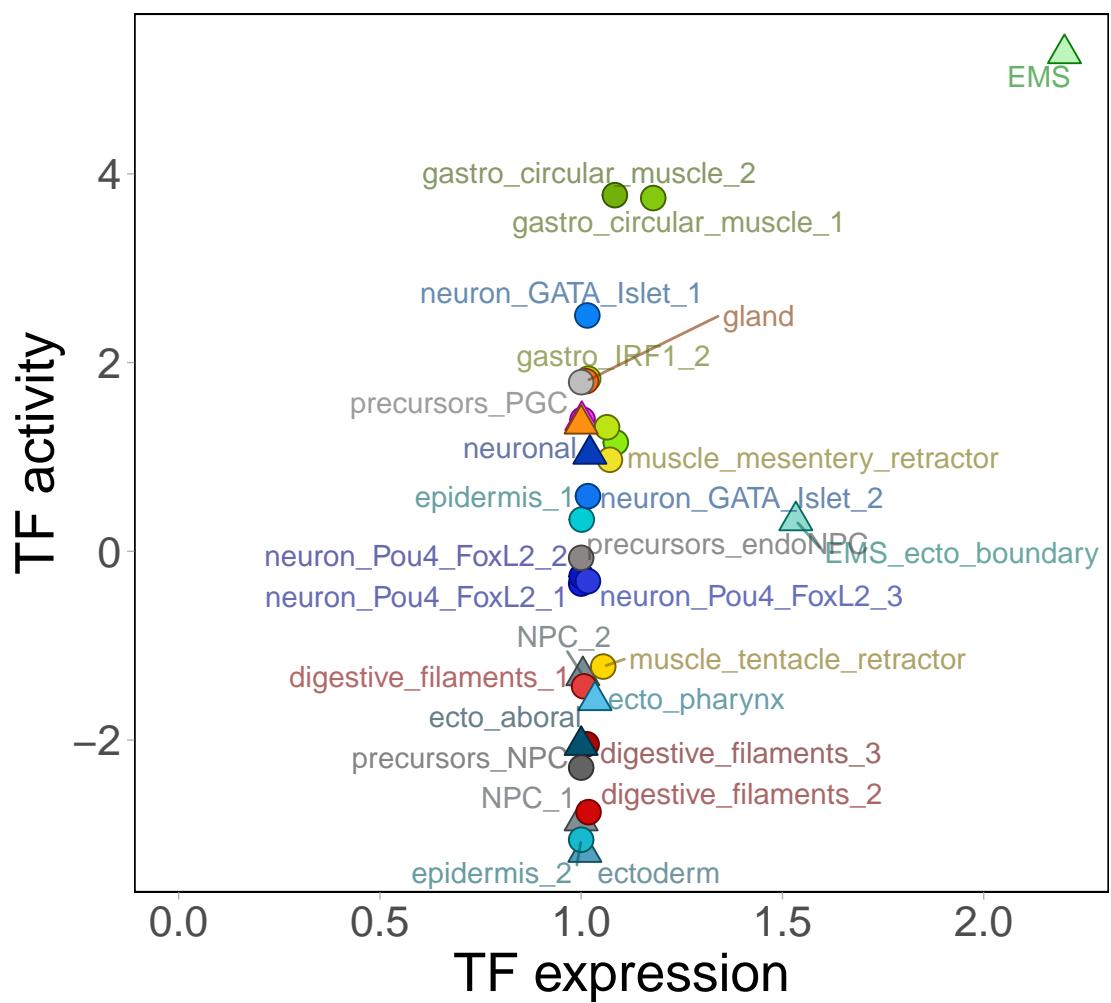
Nvec_vc1.1_XM_03237881.2 (CREB3
OG: bZIP.HG1.15:CREB3/CREB3L1/CF
PFAM: bZIP_1
motif: M01812_2.00
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.3074
gene score correlation: 0.0306



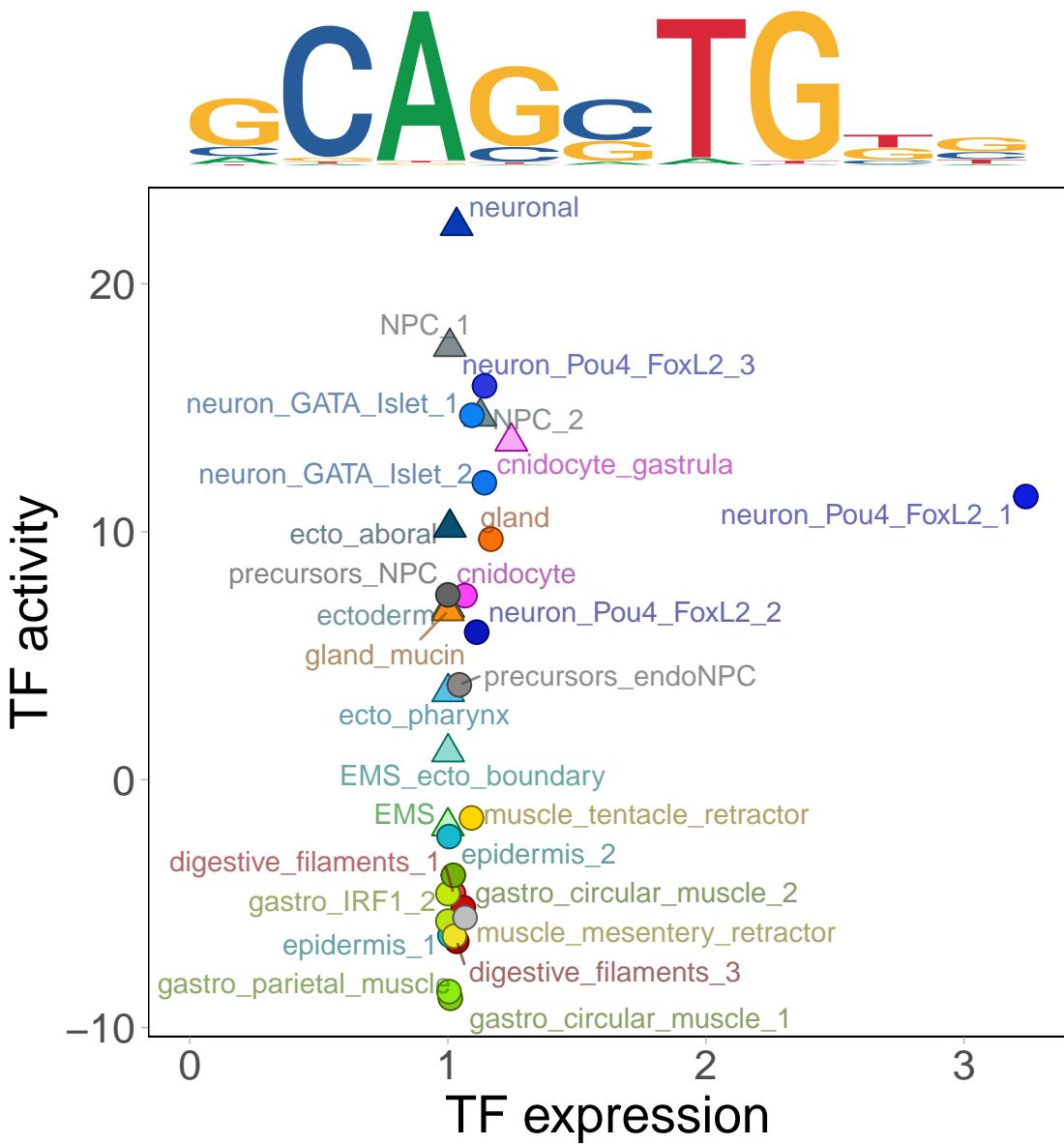
Nvec_vc1.1_XM_032379465.2 (SoxB2/S
OG: HMGbox_Sox.HG1.19:like:SOX1/S
PFAM: HMG_box
motif: ARCH61_M00889_2.00
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 66
gene expression correlation: 0.2999
gene score correlation: 0.3911



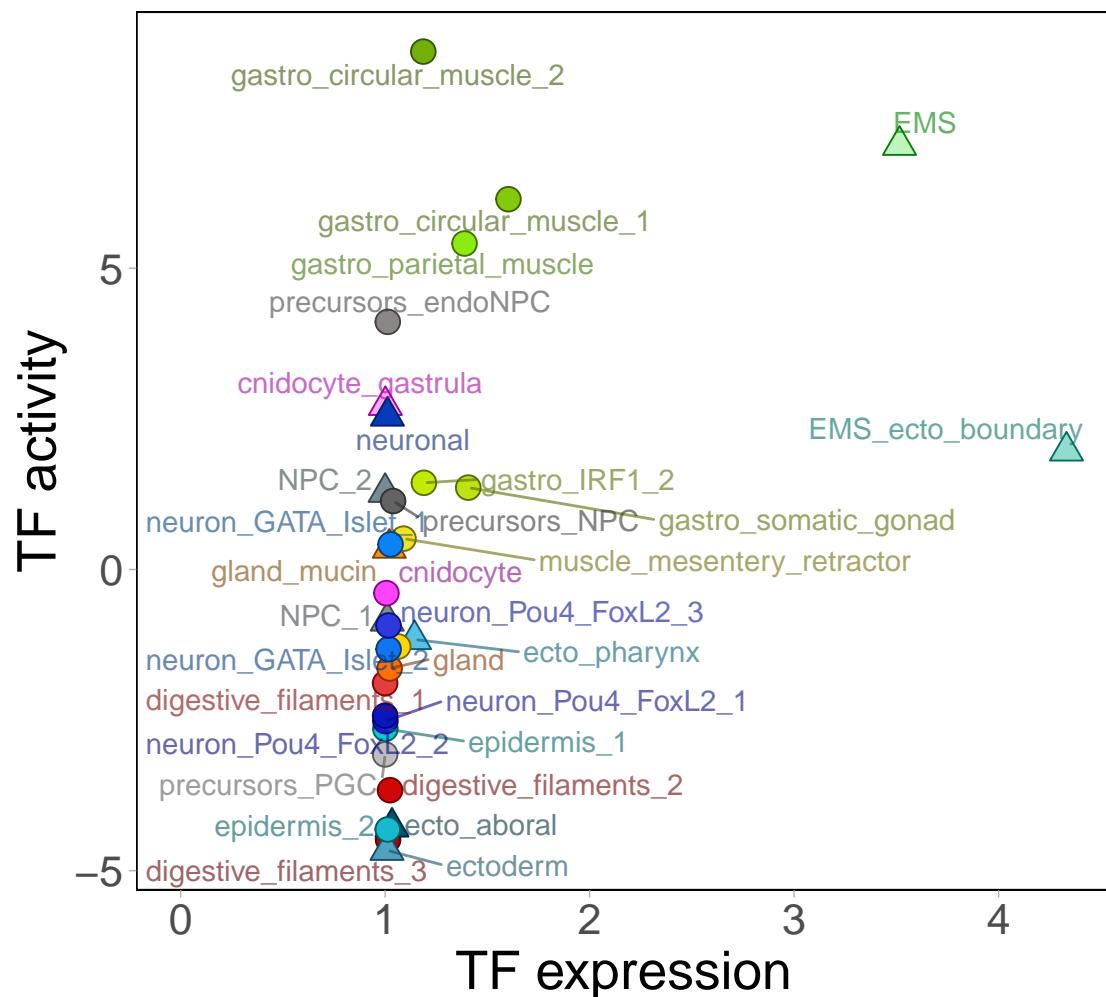
Nvec_vc1.1_XM_032379688.2 (NVHD033)
OG: Homeodomains.HG1.39:BARHL1/BHLH
PFAM: Homeodomain
motif: NVHD033-ANTP_241030_streme
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.4811
gene score correlation: 0.6339



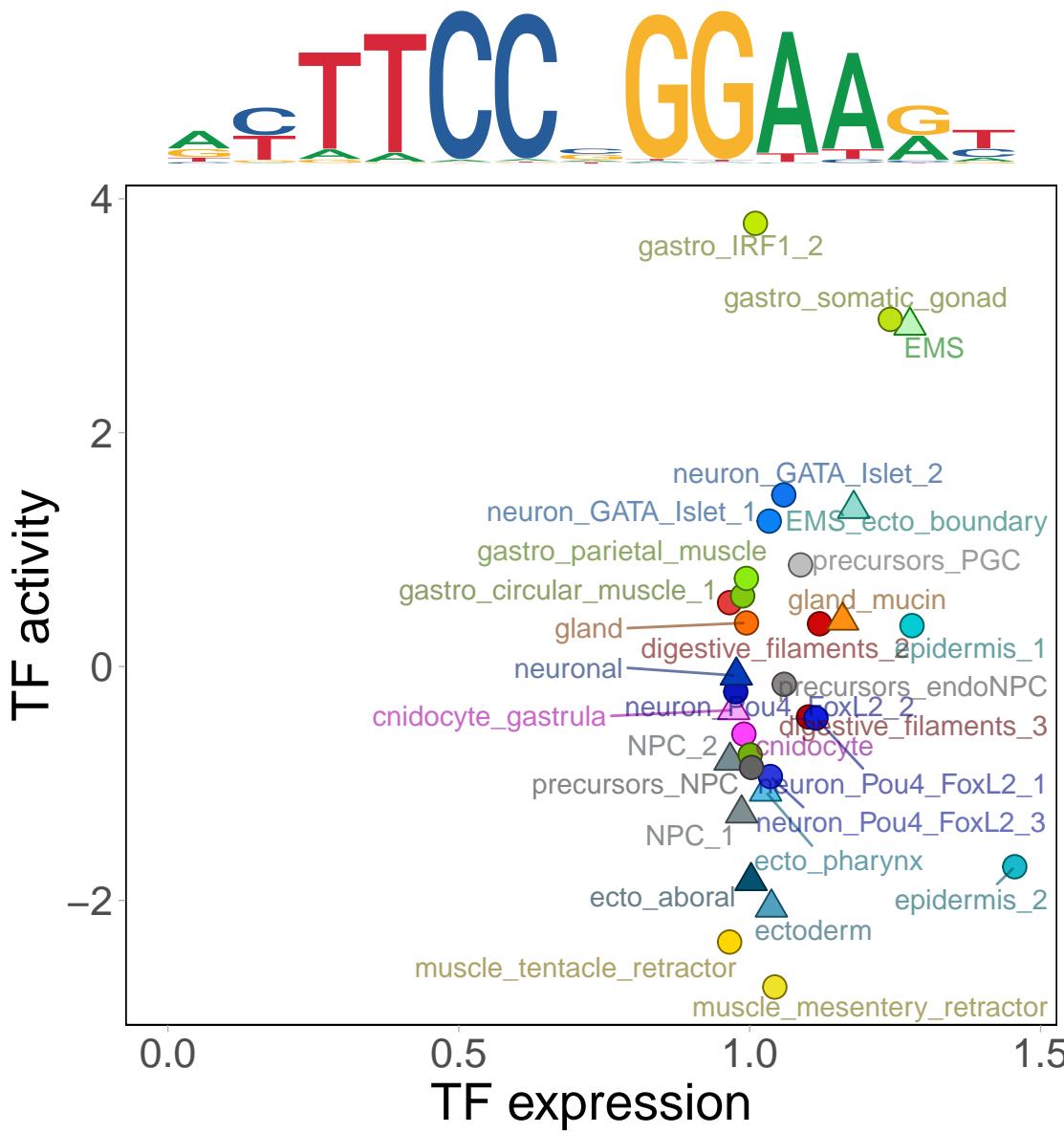
Nvec_vc1.1_XM_032380374.2 (NvSoxA
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
motif: ARCH482_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 17
gene expression correlation: 0.2324
gene score correlation: 0.2153



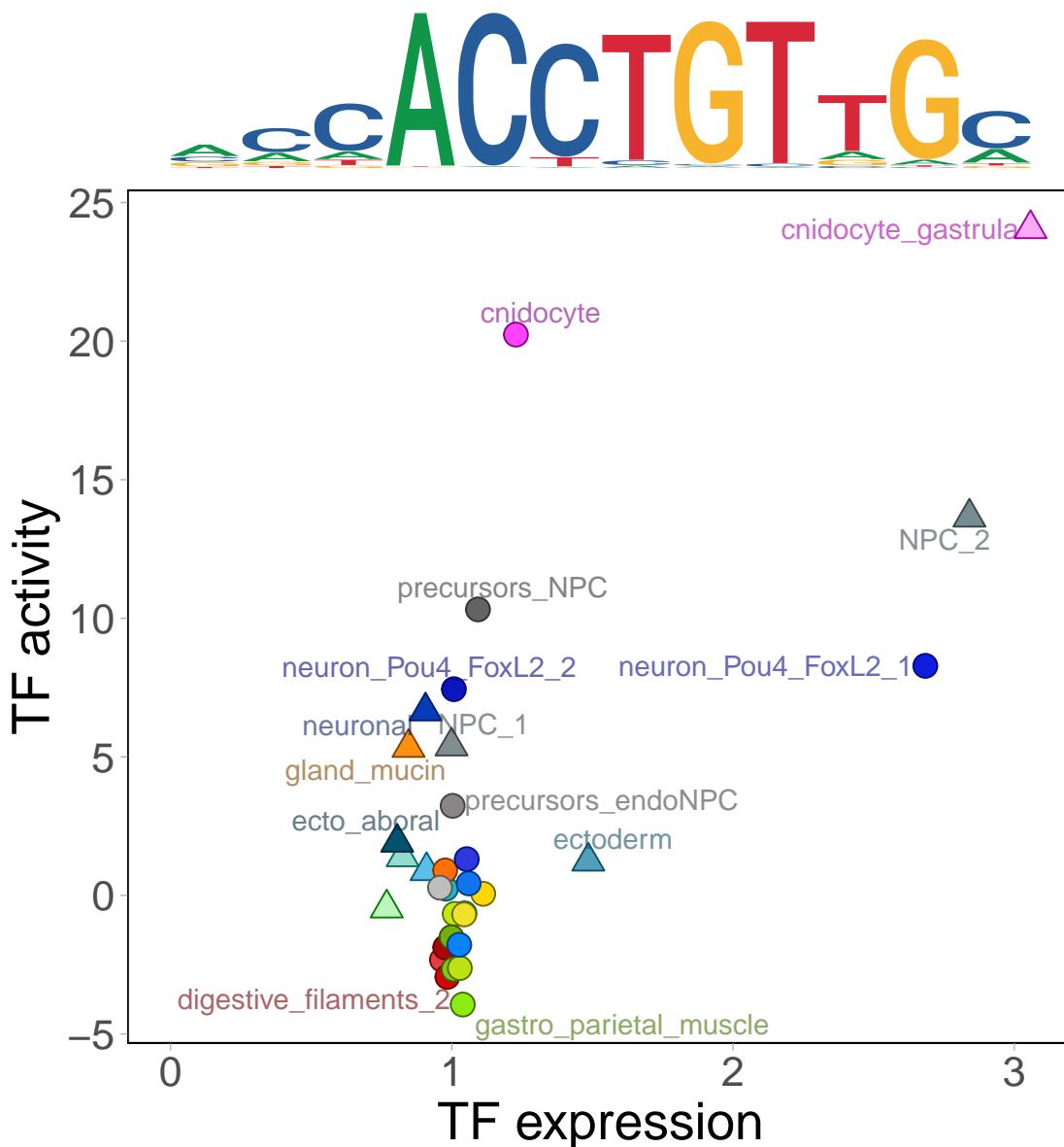
Nvec_vc1.1_XM_032381908.2 (Hand2)
OG: HLH.HG1.66:like:HAND1/HAND2
PFAM: HLH
motif: M05984_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.4046
gene score correlation: 0.5541



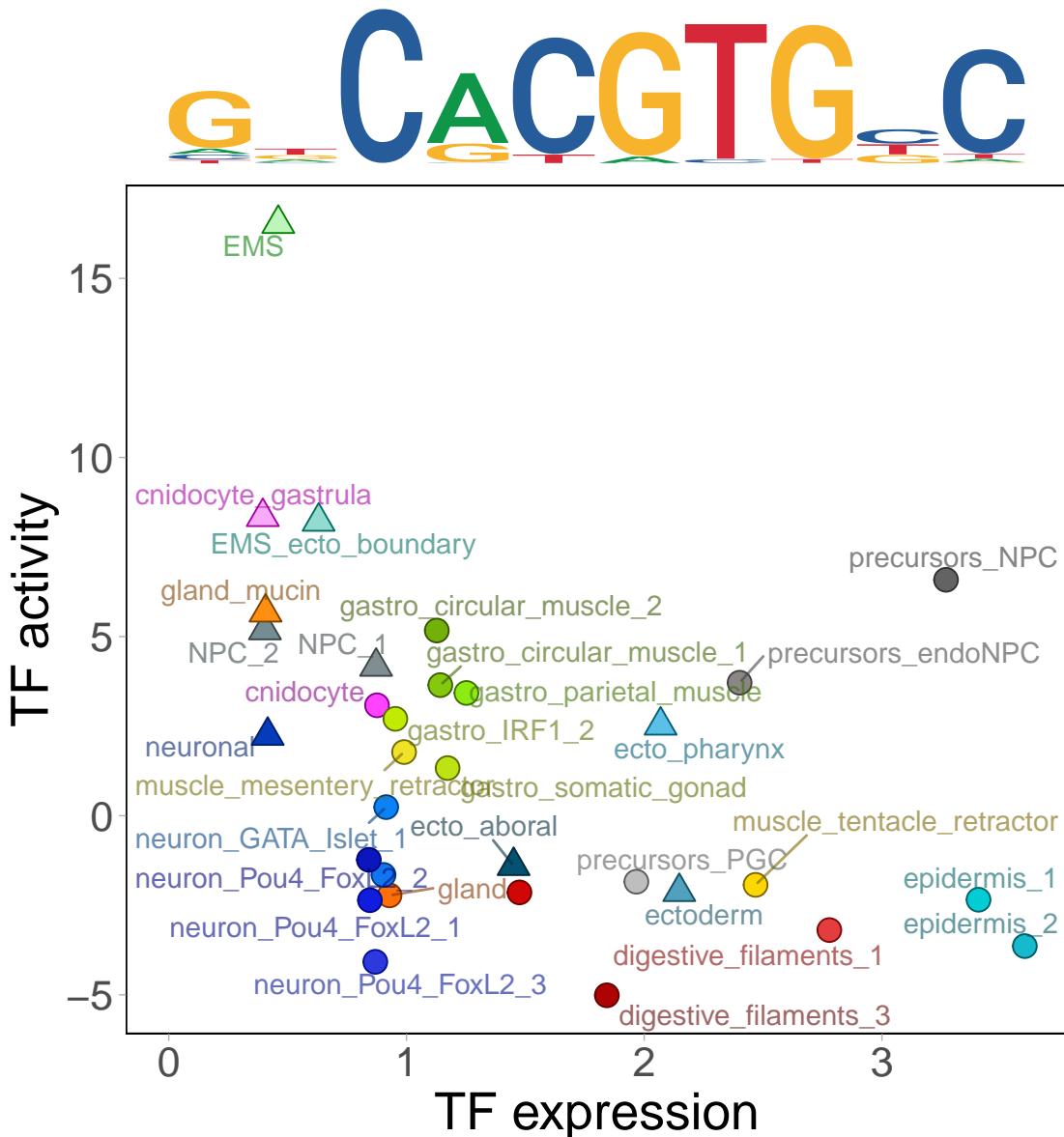
Nvec_vc1.1_XM_032384221.2 (ETV6/7)
OG: Ets.HG1.13:ETV6/ETV7
PFAM: Ets
motif: ARCH551_Elf3/Ehf/Elf5_Etv6
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 151
gene expression correlation: 0.2296
gene score correlation: 0.0833



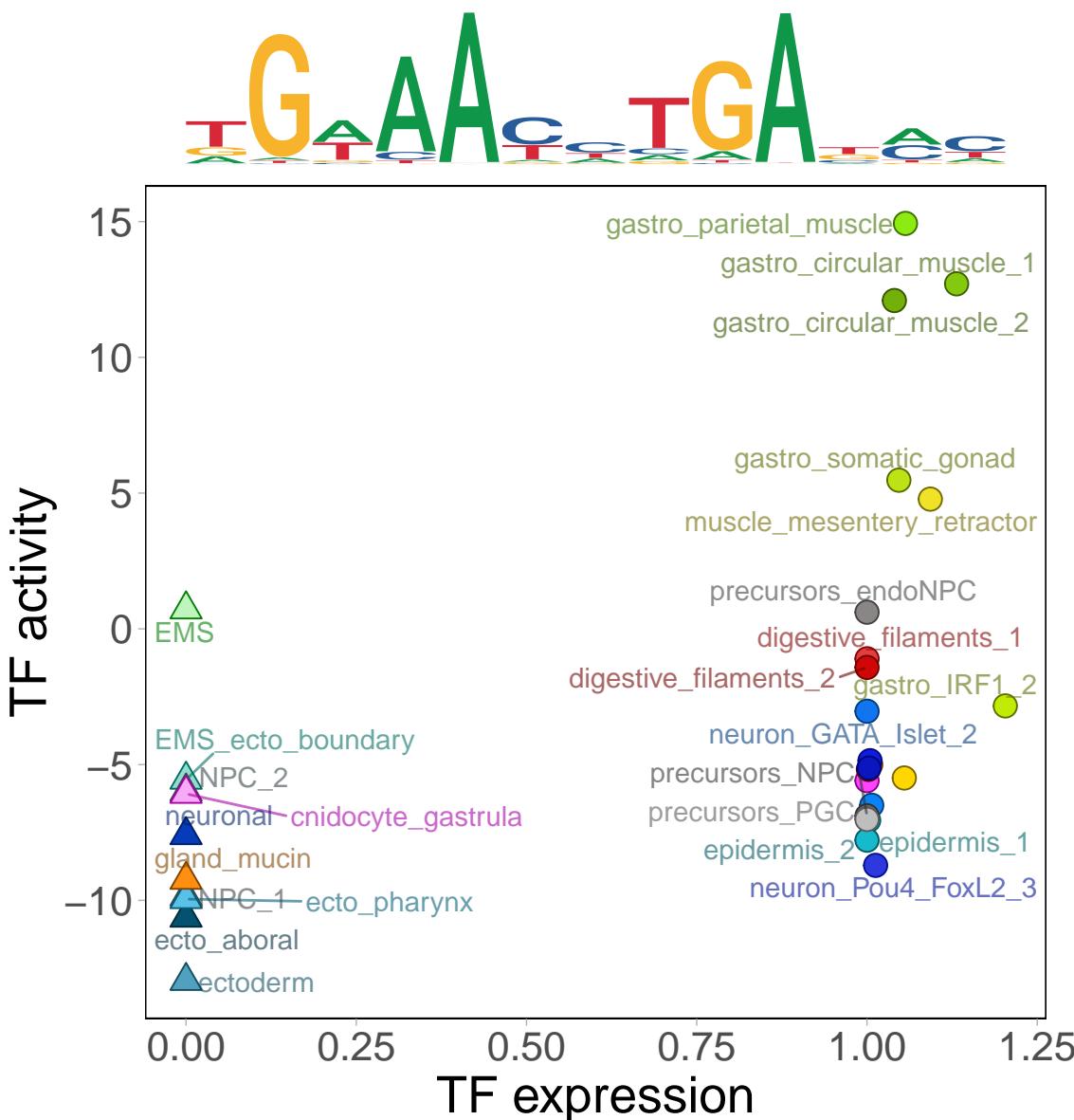
Nvec_vc1.1_XM_032384420.2 (Sp6–9)
OG: zf–C2H2.HG2.14:SP1/SP2/SP3/SP4
PFAM: zf–C2H2/zf–C2H2/zf–C2H2_4
motif: ARCH861_Scrt2/Scrt1
TF family: zf–C2H2
archetype family: zf–C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.6665
gene score correlation: 0.4917



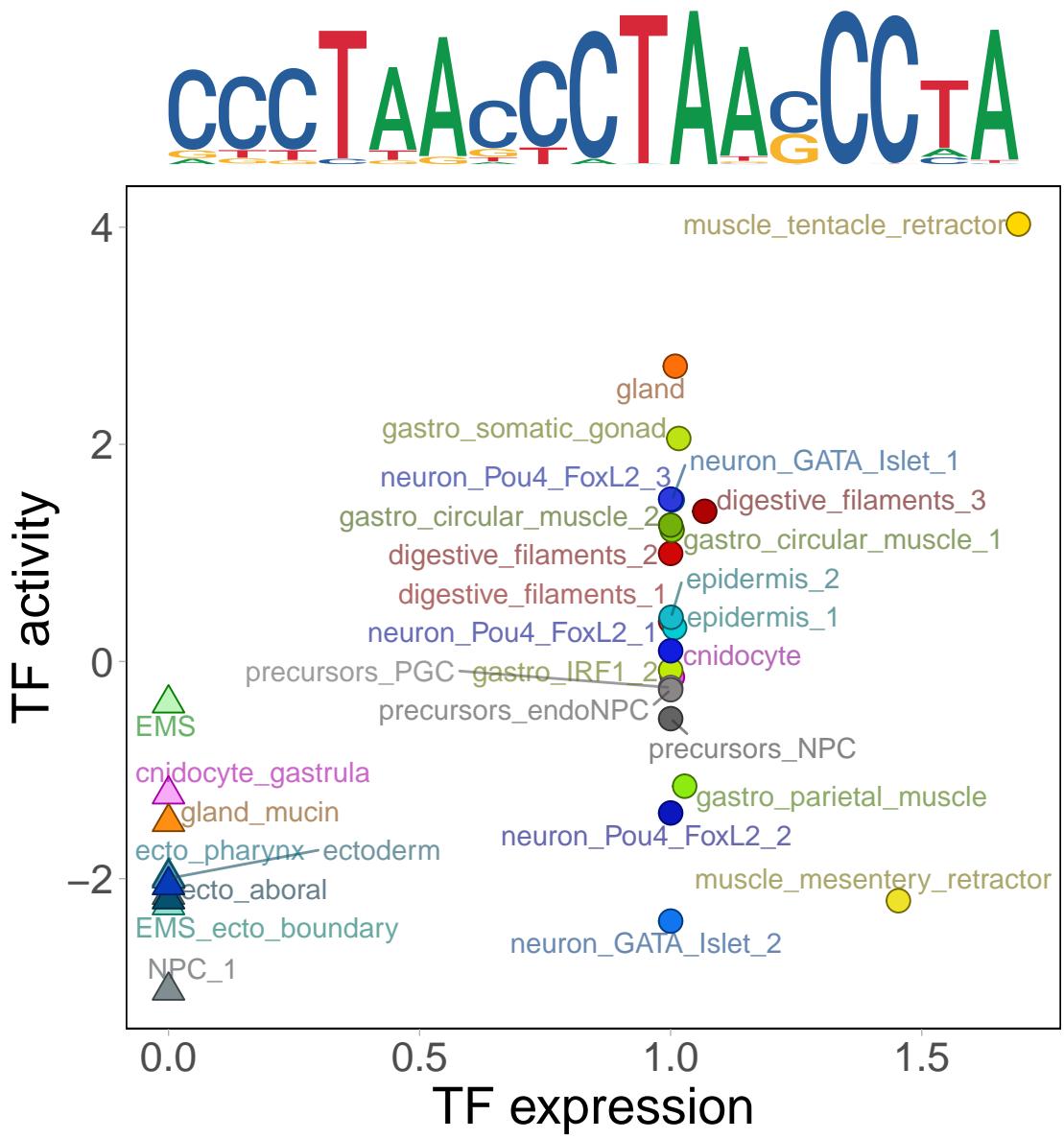
Nvec_vc1.1_XM_032384889.2 (Hes2)
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH/Hairy_orange
motif: Hes2_241030_homer
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.4088
gene score correlation: -0.0814



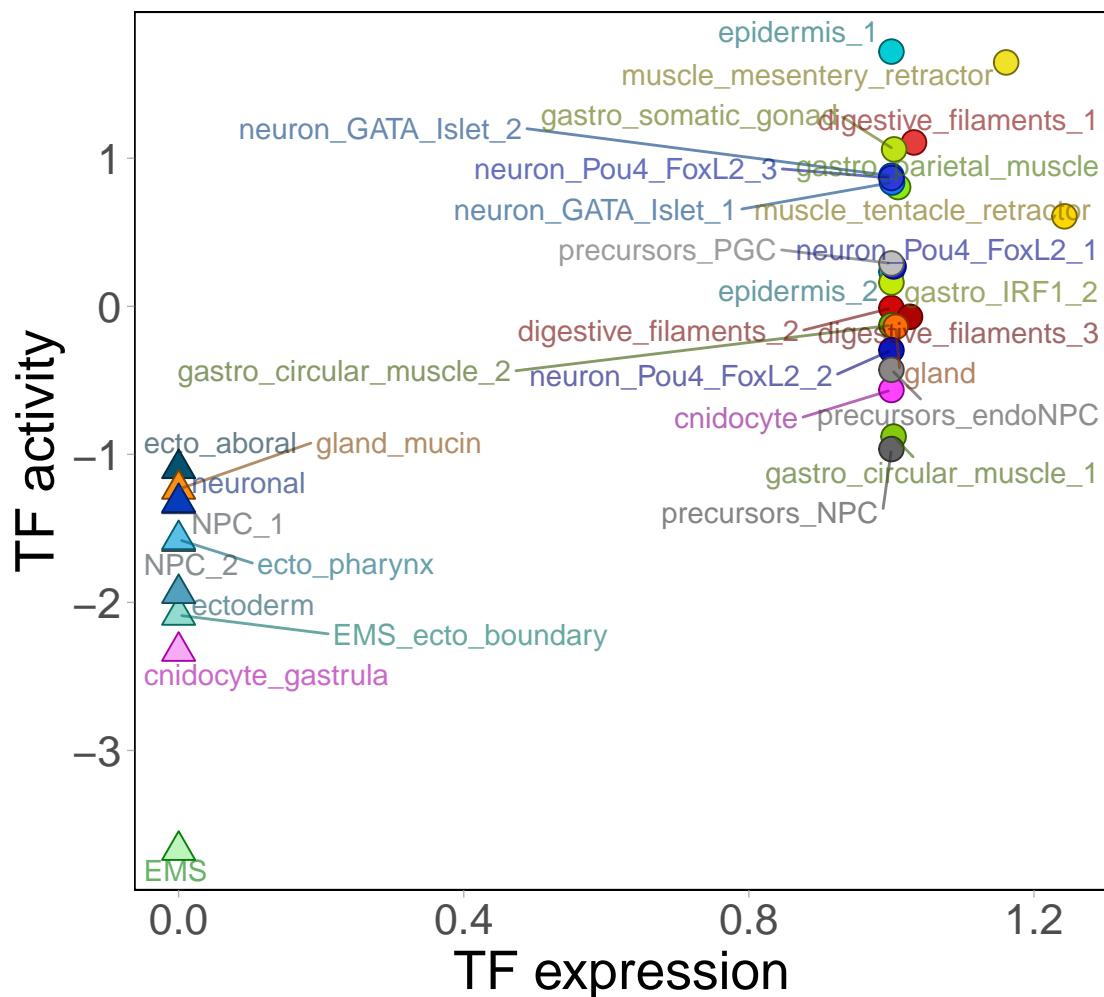
Nvec_vc1.1_XM_032384965.2 (BarH-L)
OG: Homeodomains.HG1.39:BARHL1/B
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 38
gene expression correlation: 0.4628
gene score correlation: 0.6687



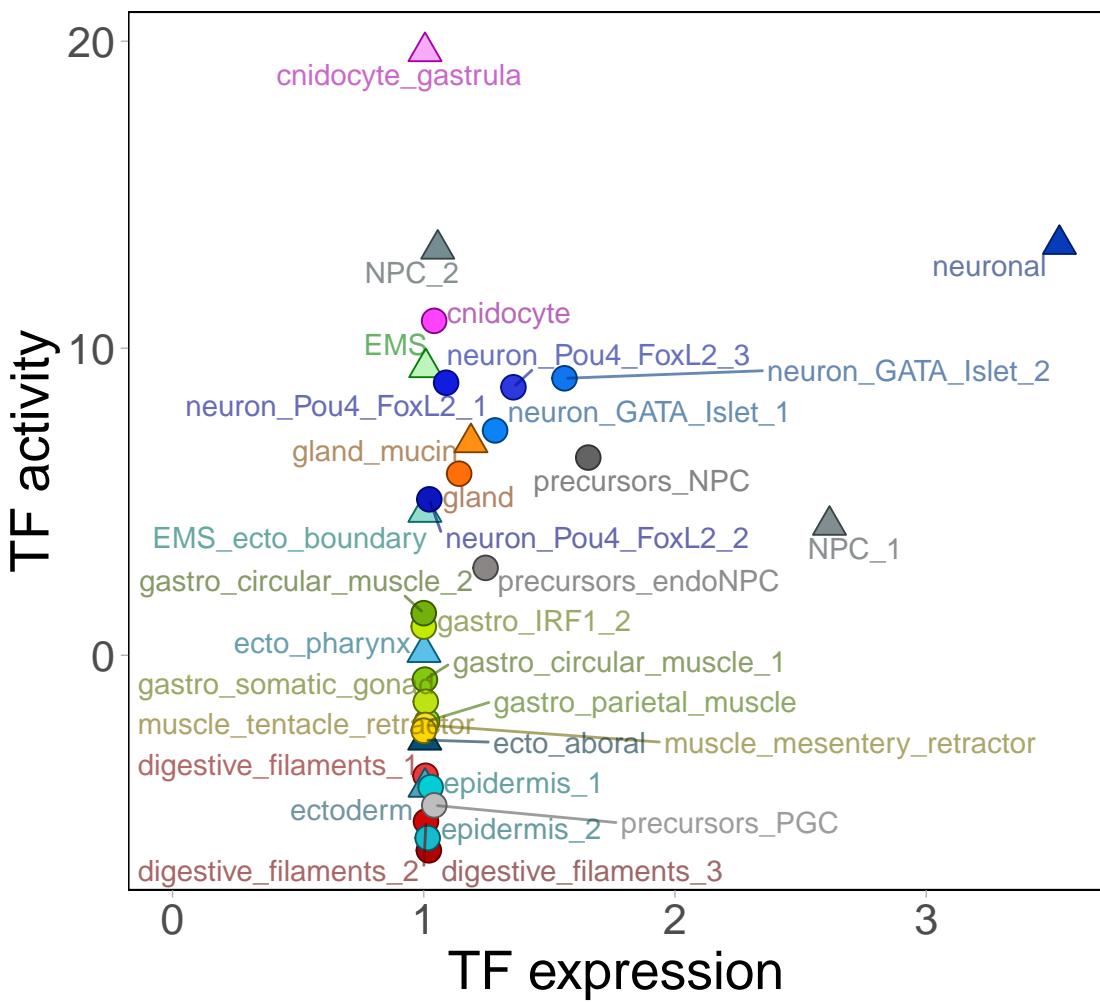
Nvec_vc1.1_XM_032385184.2 (Nem24)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: Nem24_241030_dimont
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.6631
gene score correlation: 0.0328



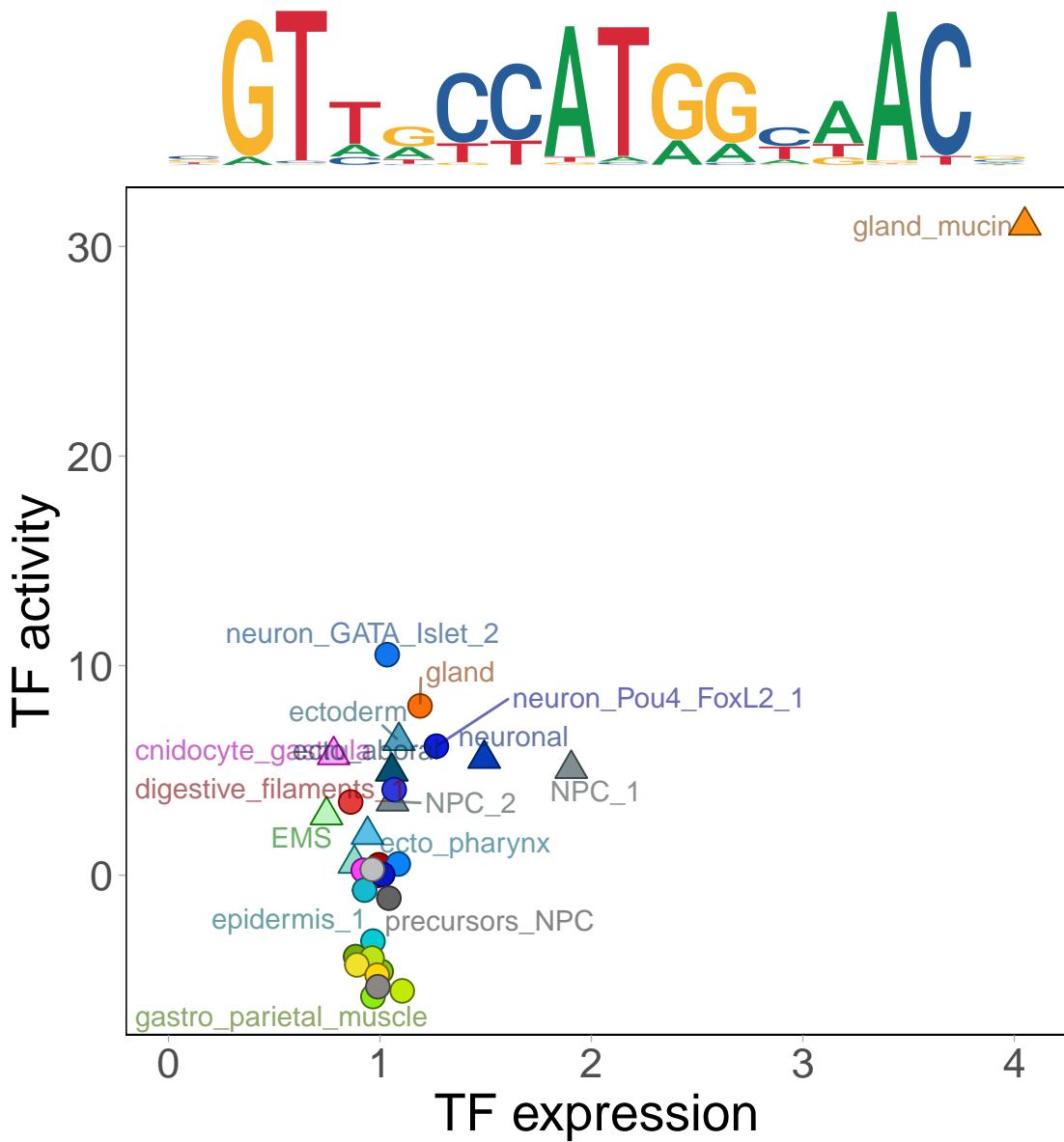
Nvec_vc1.1_XM_032385185.2 (Nem7)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 73
gene expression correlation: 0.8184
gene score correlation: 0.6796



Nvec_vc1.1_XM_032385496.2 (PTF1a)
OG: HLH.HG1.91:like:FERD3L/PTF1A
PFAM: HLH
motif: M05990_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.3635
gene score correlation: 0.5242

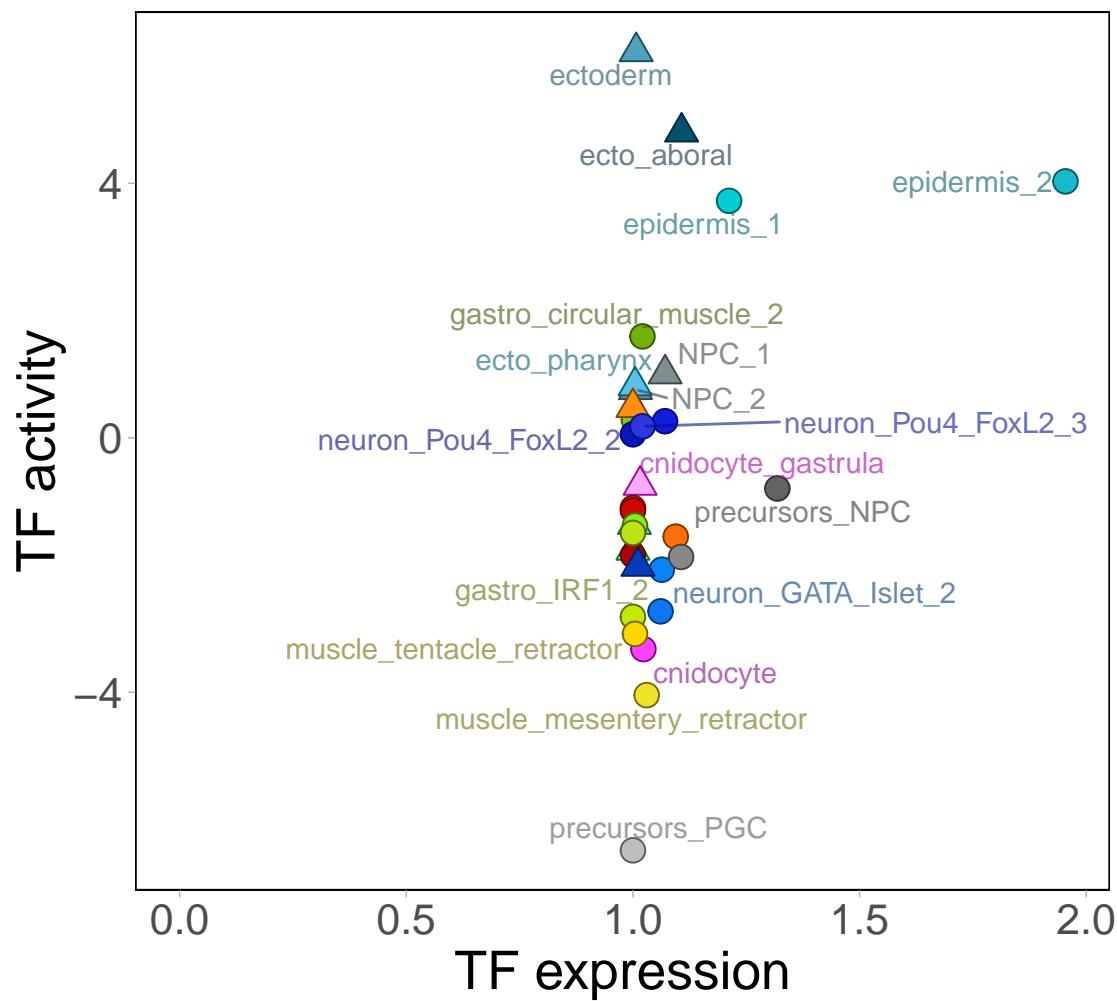


Nvec_vc1.1_XM_032385647.2 (RFX1/2
OG: RFX.HG1.2:RFX1/RFX2/RFX3
PFAM: RFX_DNA_binding
motif: M03961_2.00
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.7960
gene score correlation: 0.2851

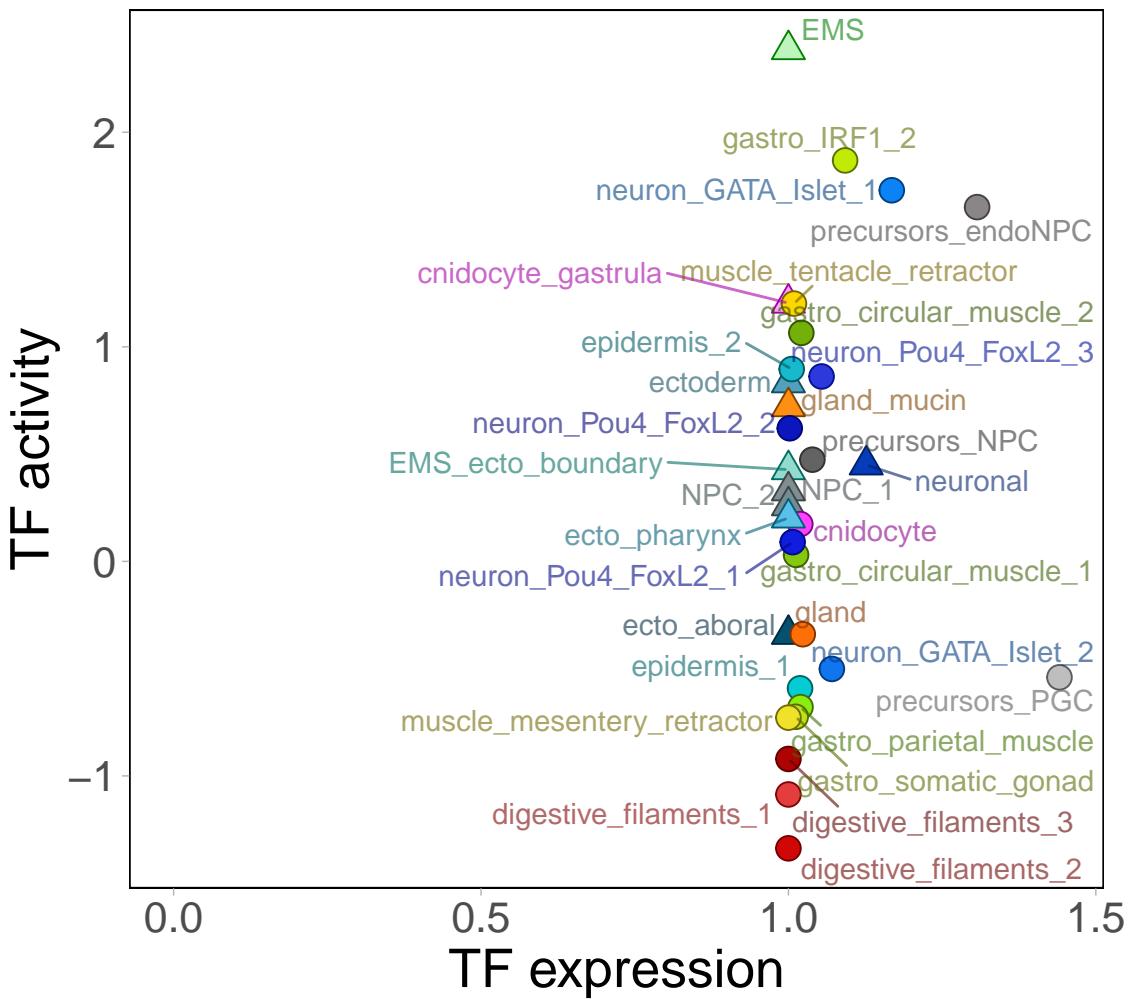


Nvec_vc1.1_XM_032385706.2 (FoxQ2c)
OG: Forkhead.HG1.14:like:FOXN1/FOX
PFAM: Forkhead
motif: ARCH1397_RBFox2__OCT:OCT-
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.3800
gene score correlation: 0.4159

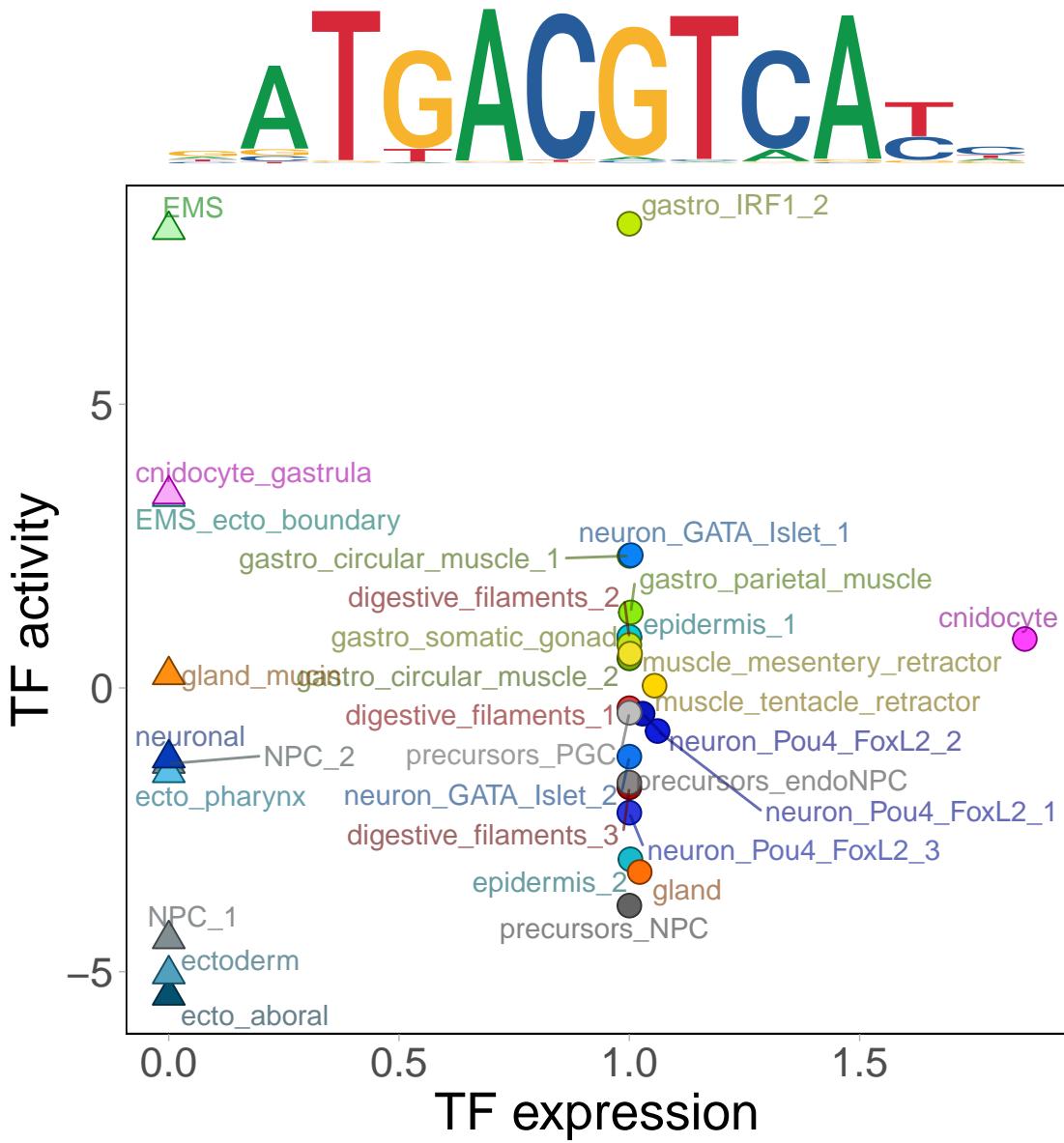
T G C A T G



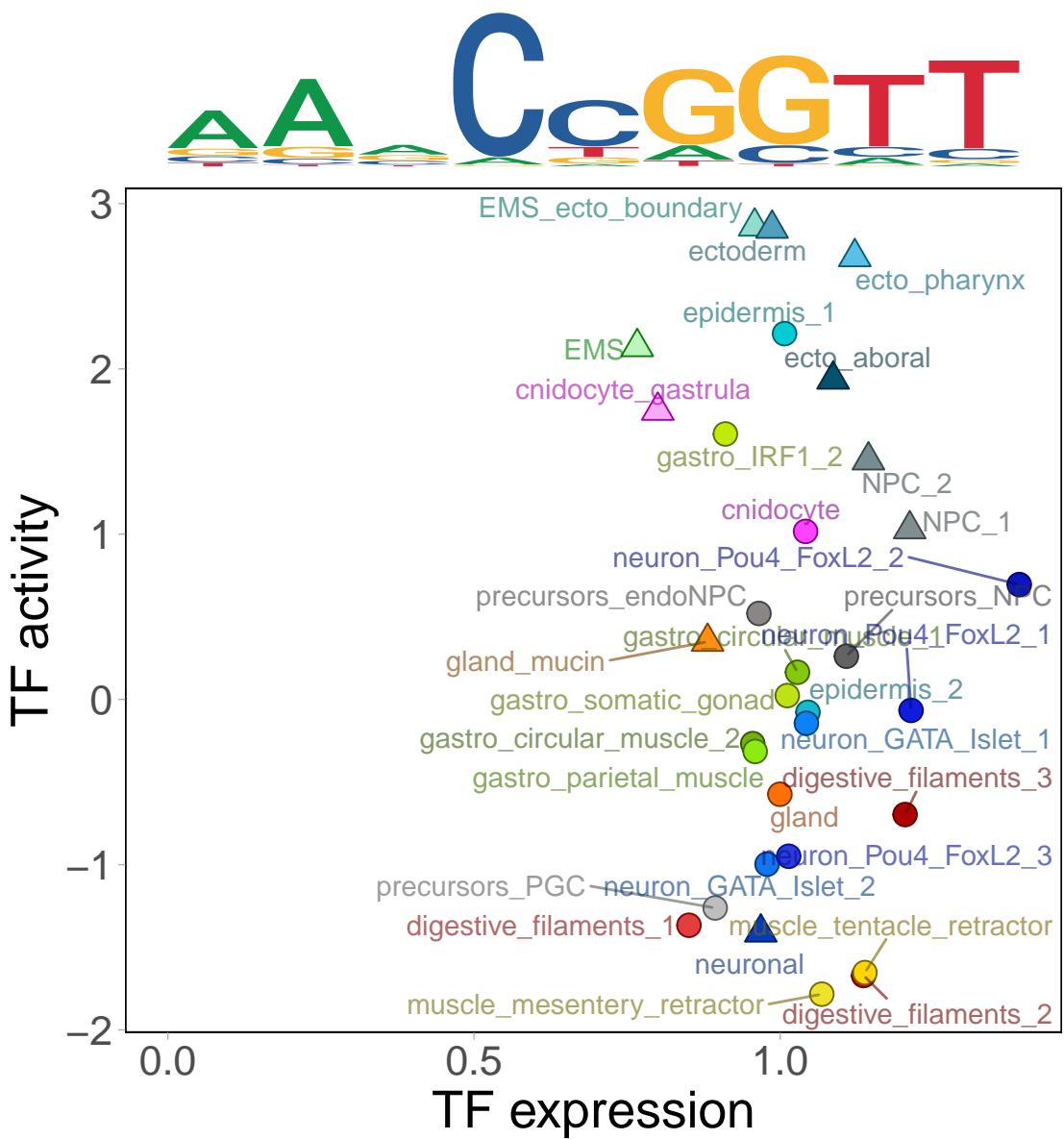
Nvec_vc1.1_XM_032385745.2 (Prdm14)
OG: zf-C2H2.HG19.1:PRDM14
PFAM: zf-C2H2/zf-C2H2
motif: ARCH533_Klf5_Klf7_Klf8
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.1386
gene score correlation: 0.3222



Nvec_vc1.1_XM_032385896.2 (Cnido-)
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
motif: M04339_2.00
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0677
gene score correlation: 0.1104

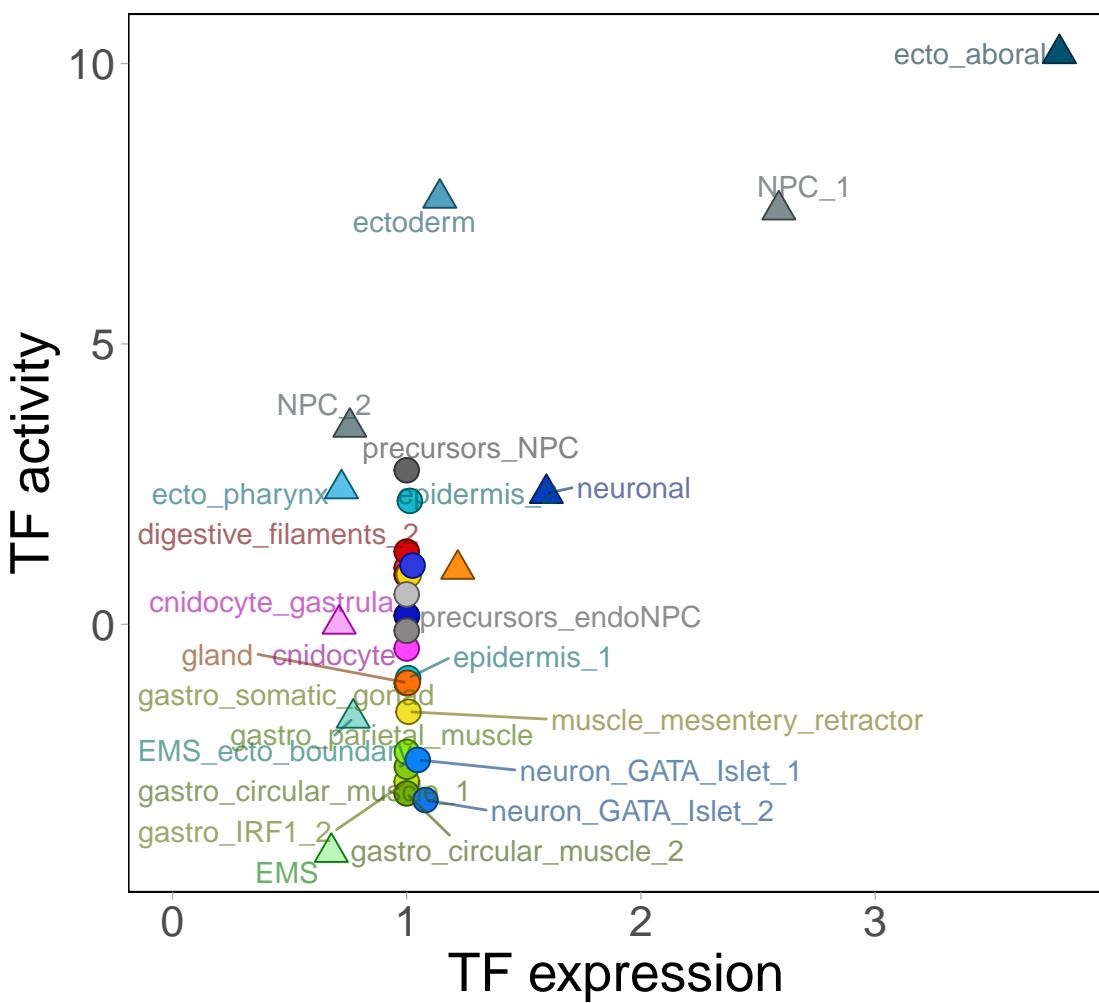


Nvec_vc1.1_XM_032386243.2 (Grainyhead)
OG: Grainyhead_LSF.HG1.1:GRHL1/GF1
PFAM: CP2
motif: ARCH1265_TFCP2_Tcfcp2I1
TF family: Grainyhead_LSF
archetype family: Grainyhead_LSF
CisBP assigned: FALSE
rank: 311
gene expression correlation: -0.0953
gene score correlation: -0.2438

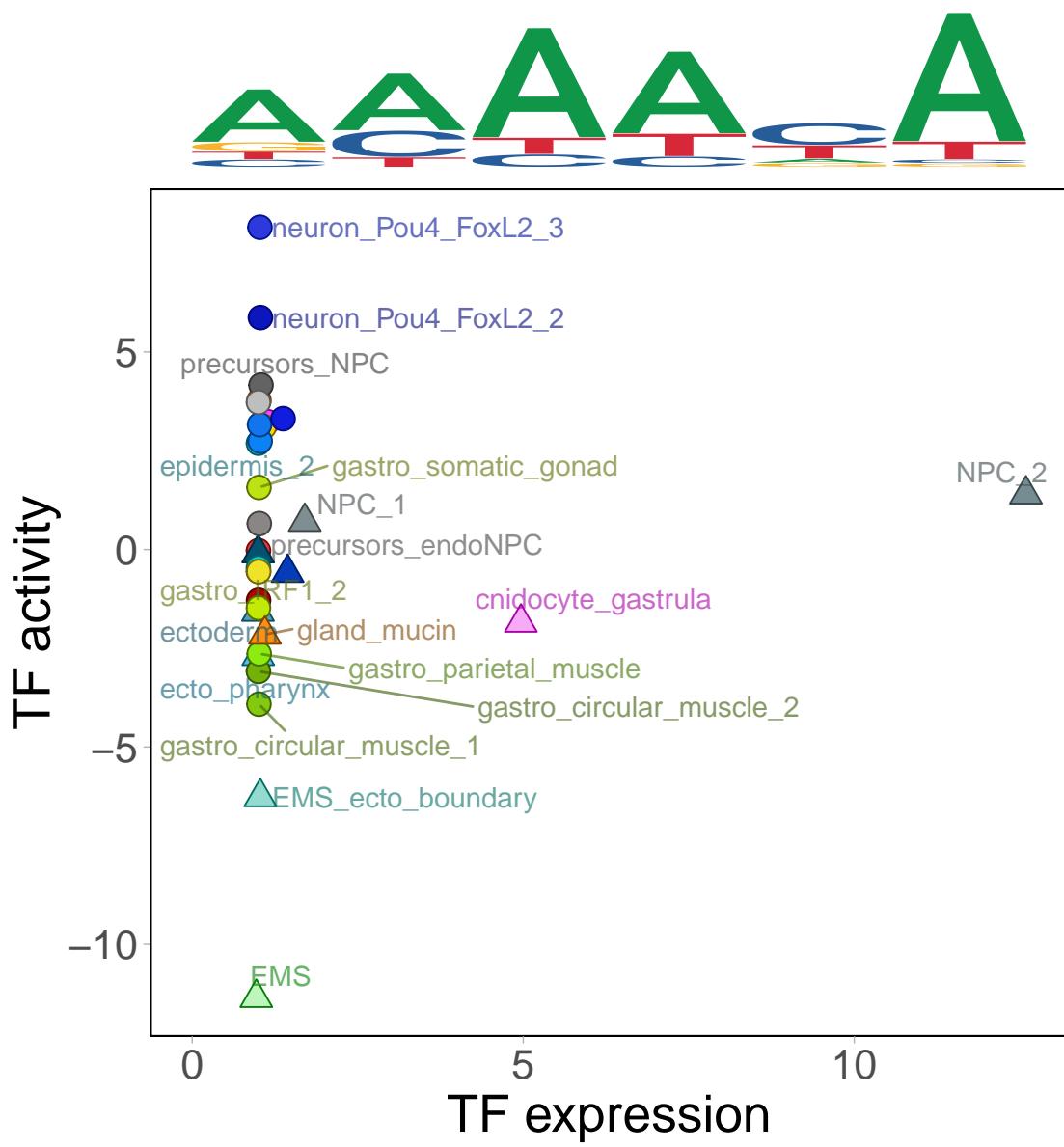


Nvec_vc1.1_XM_032386947.2 (FoxQ2a)
OG: Forkhead.HG1.13:like:FOXN1/FOX
PFAM: Forkhead
motif: ARCH1178_Sox4/Sox11_Foxd2/
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 105
gene expression correlation: 0.6951
gene score correlation: 0.7580

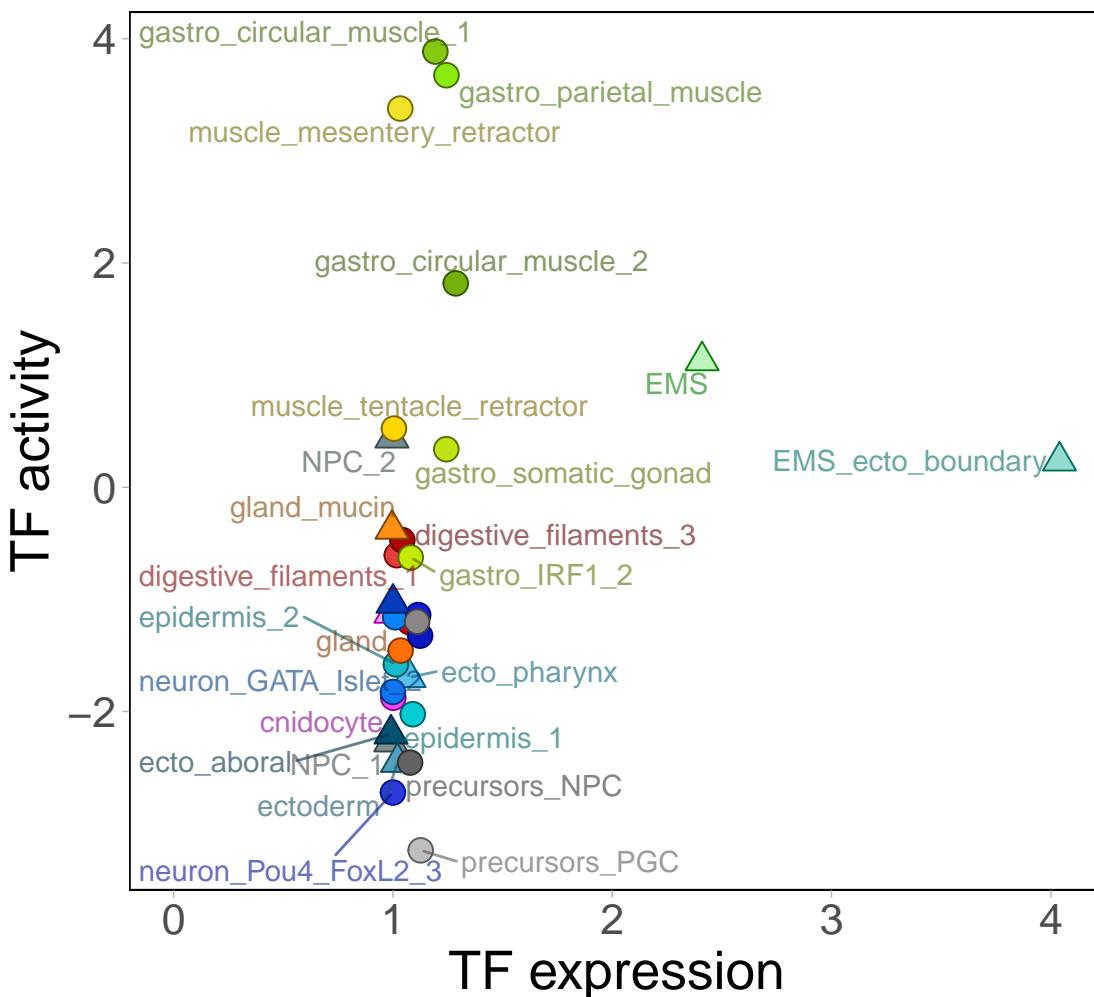
AACAAATCA



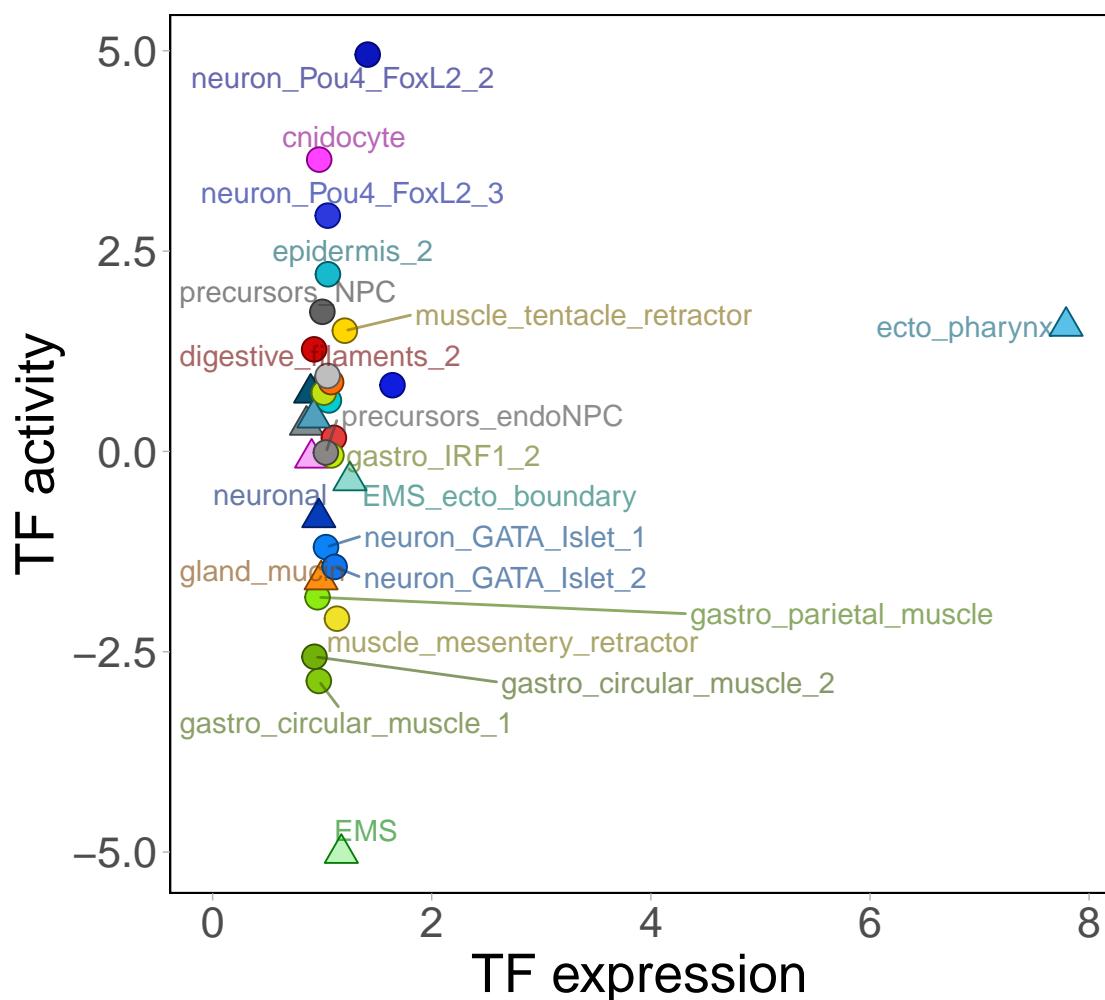
Nvec_vc1.1_XM_032387167.2 (FoxA/D)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FoxD
PFAM: Forkhead
motif: ARCH1102_Foxa3/Foxa1/Foxa2_
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 70
gene expression correlation: 0.0304
gene score correlation: 0.2972



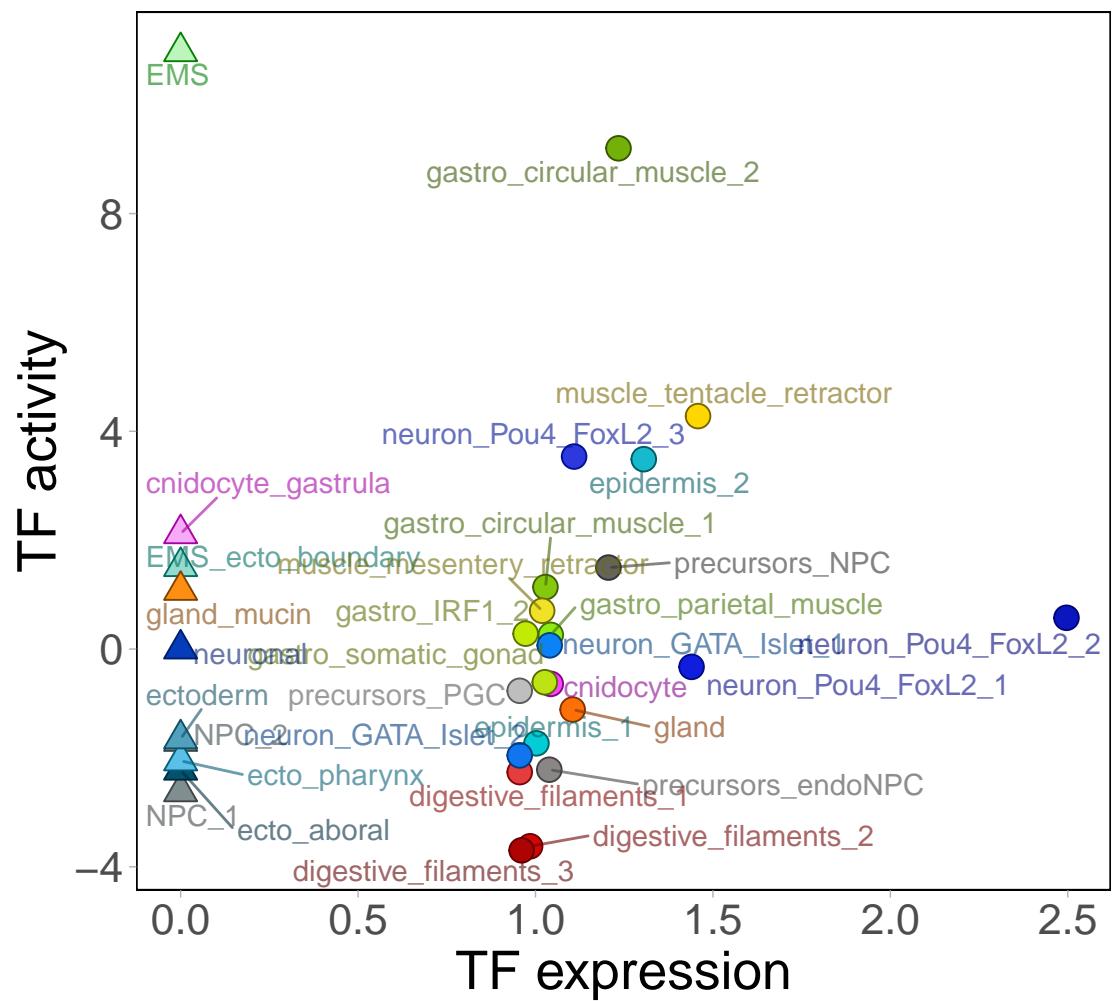
Nvec_vc1.1_XM_032387186.2 (SnailA)
OG: zf-C2H2.HG7.5:SNAI1/SNAI2/SNA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH866_ZNF317
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 251
gene expression correlation: 0.2243
gene score correlation: 0.5220



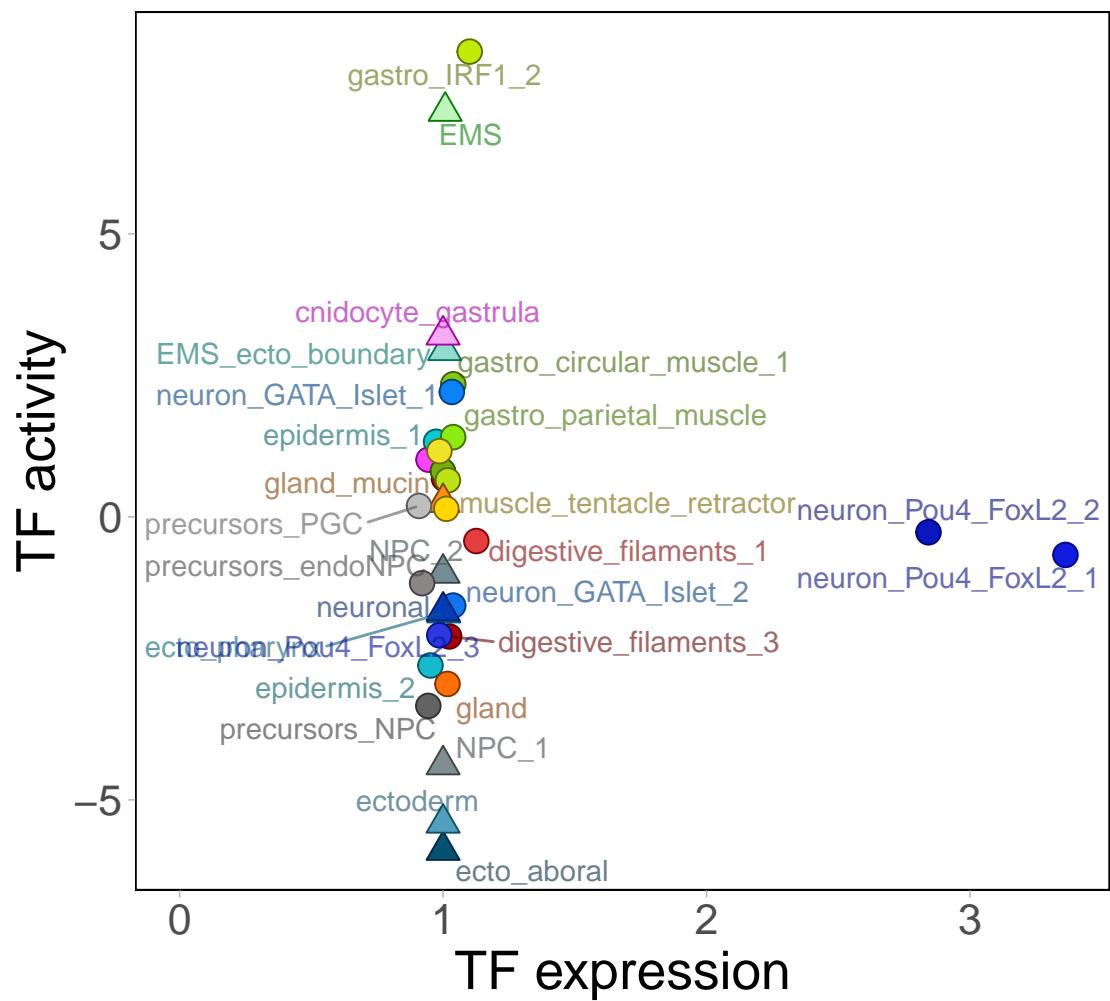
Nvec_vc1.1_XM_048728028.1 (FoxB)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FoxB
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/FoxB
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1457
gene score correlation: 0.3849



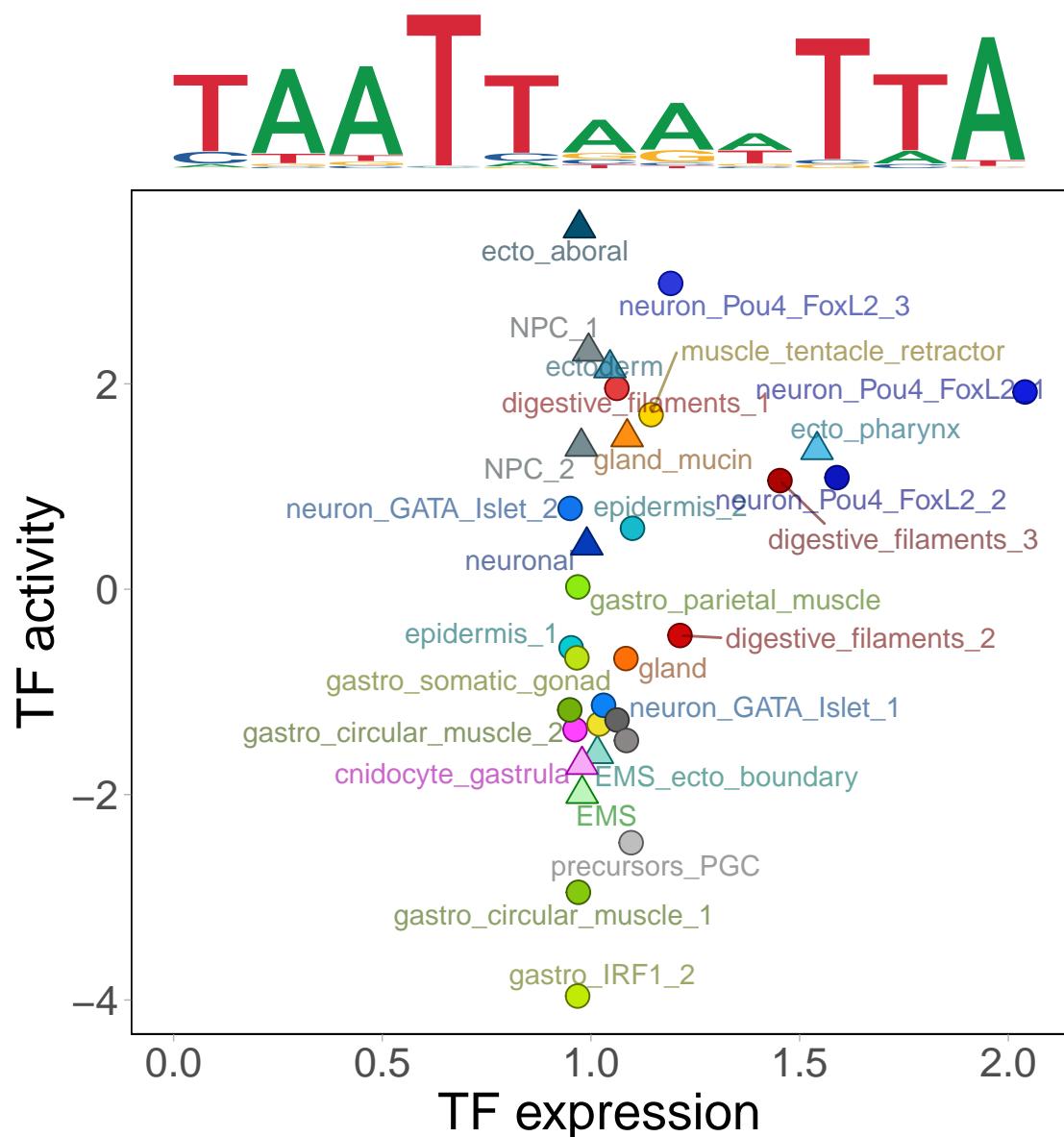
Nvec_vc1.1_XM_048728976.1 (Zic-C)
OG: zf-C2H2.HG4.5:like:ZIC1/ZIC2/ZIC
PFAM: zf_ZIC/zf-C2H2/zf-C2H2
motif: Zic-C_241030_streme
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.0613
gene score correlation: 0.4248



Nvec_vc1.1_XM_048730161.1 (Cnido-
OG: bZIP.HG1.9:like:ATF3/ATF4/ATF5/P
PFAM: bZIP_1
motif: M04272_2.00
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 0
gene expression correlation: -0.0077
gene score correlation: 0.1027



Nvec_vc1.1_XM_048731137.1 (LMX)
OG: Homeodomains.HG2.20:LHX1/LHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 81
gene expression correlation: 0.3507
gene score correlation: 0.3488



Nvec_NVE19743

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

PFAM: HLH

motif: Nvec_NVE19743_HLH.HG1.55:li

TF family: HLH

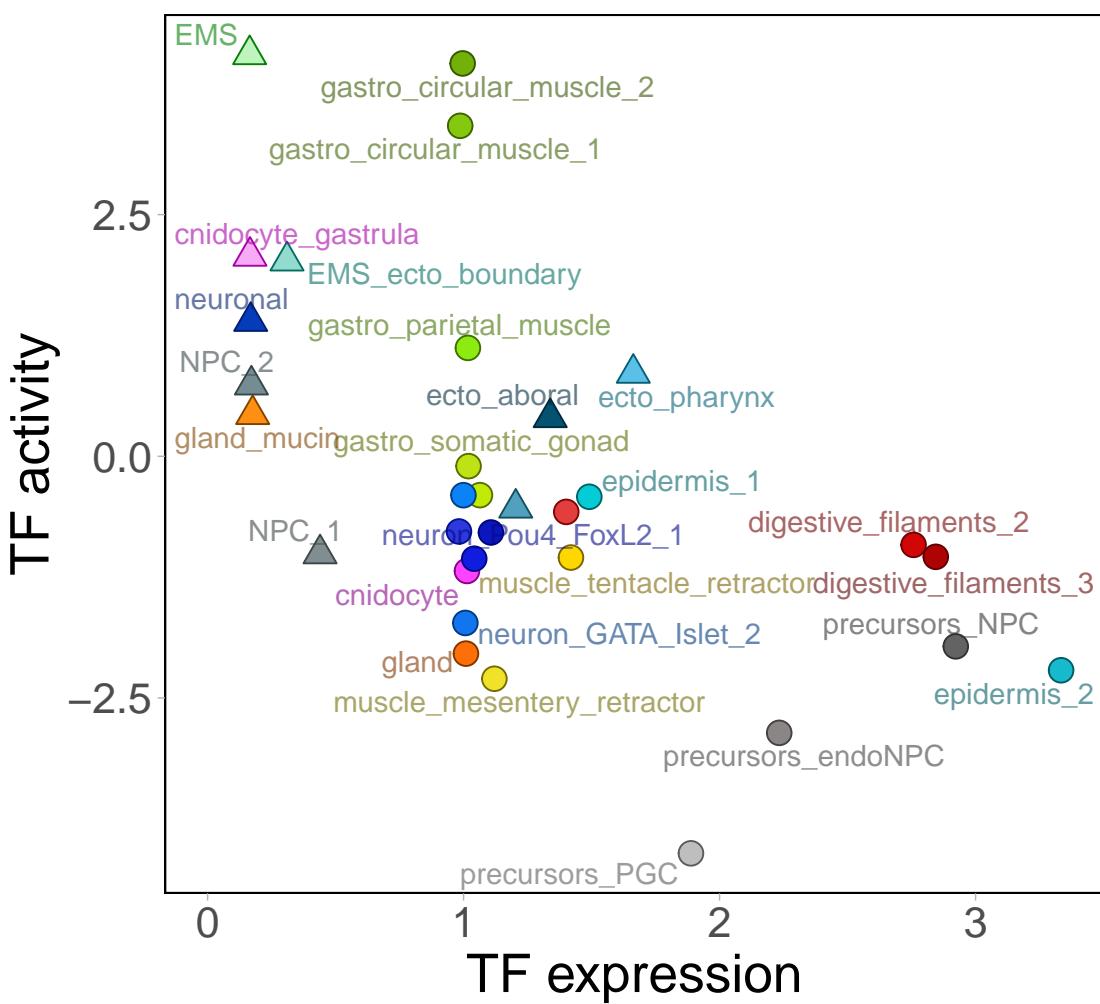
archetype family: HLH

CisBP assigned: FALSE

rank: 0

gene expression correlation: -0.5474

gene score correlation: -0.3306



Nvec_NVE7697

OG: Homeodomains.HG2.24:like:LEUT

PFAM: Homeodomain

motif: ARCH242_Hlx

TF family: Homeodomains

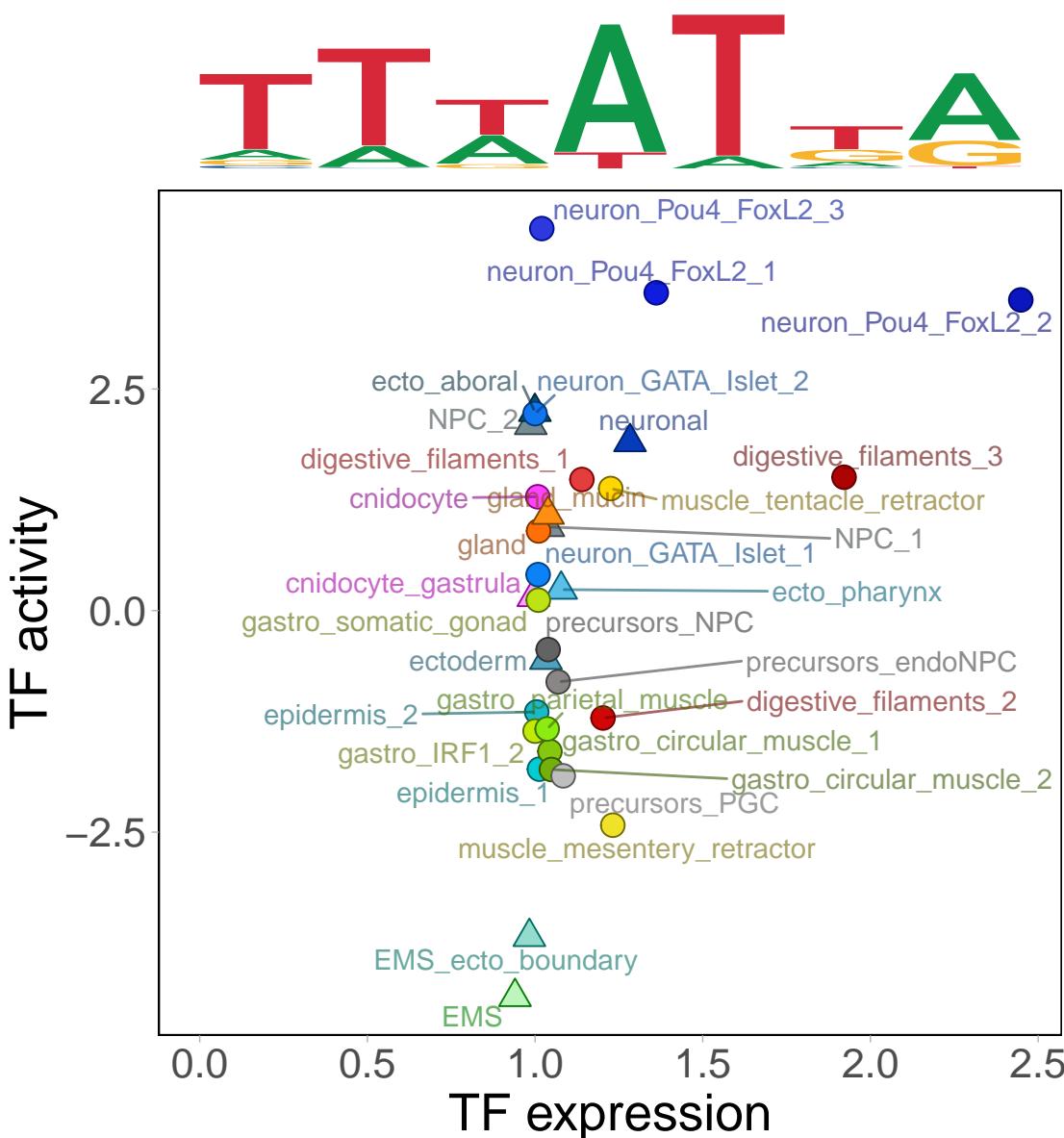
archetype family: Homeodomains

CisBP assigned: FALSE

rank: 23

gene expression correlation: 0.3865

gene score correlation: 0.3049



Nvec_v1g210540

OG: HLH.HG1.68:like:ASCL3/ASCL4/A

PFAM: HLH

motif: M04211_2.00

TF family: HLH

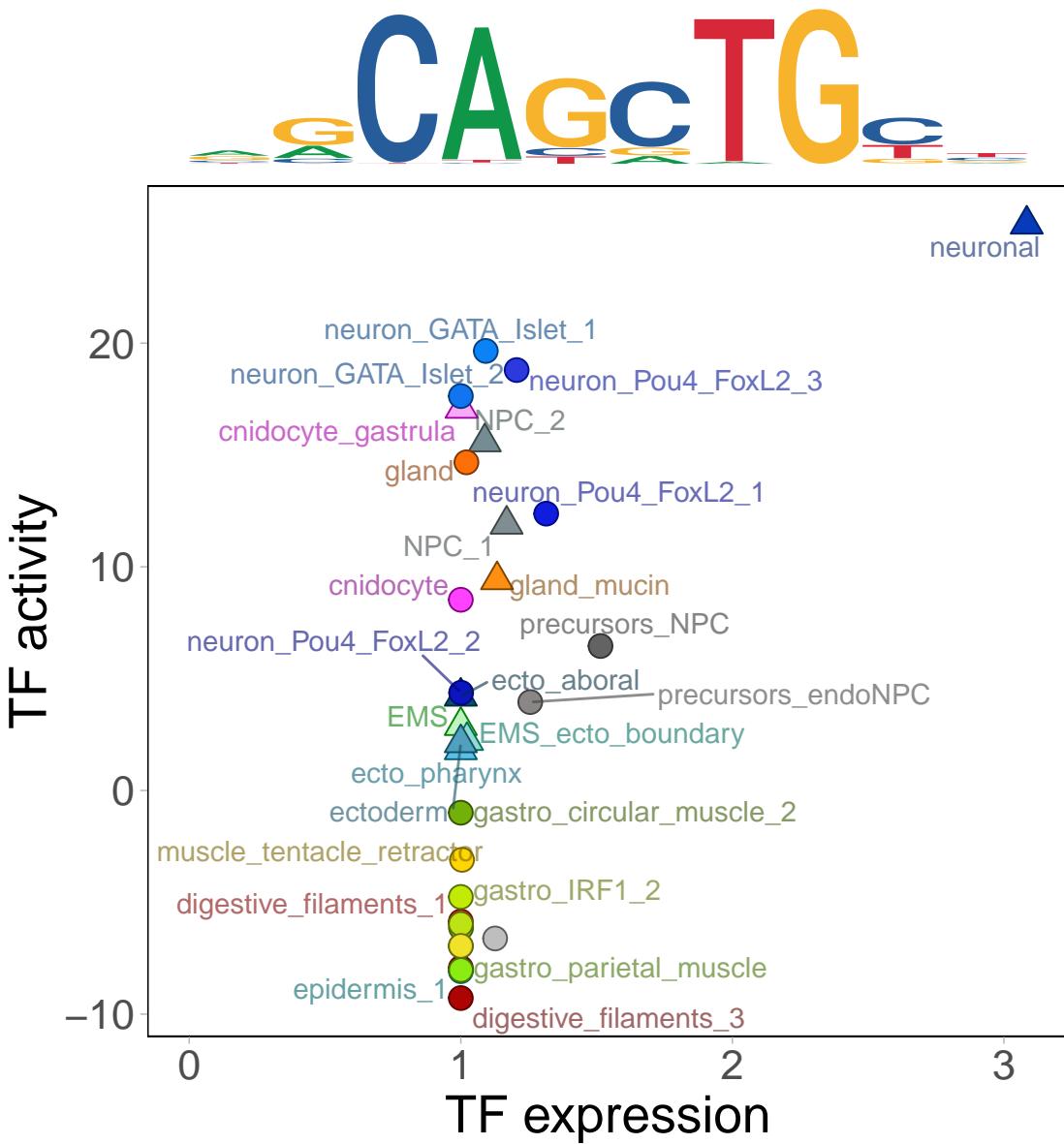
archetype family: HLH

CisBP assigned: FALSE

rank: 0

gene expression correlation: 0.4770

gene score correlation: 0.5778



Nvec_v1g241767

OG: bZIP.HG1.3:like:JUN/JUNB/JUND

PFAM: Jun

motif: ARCH364_Creb3I2/Creb3I1_Cre.

TF family: bZIP

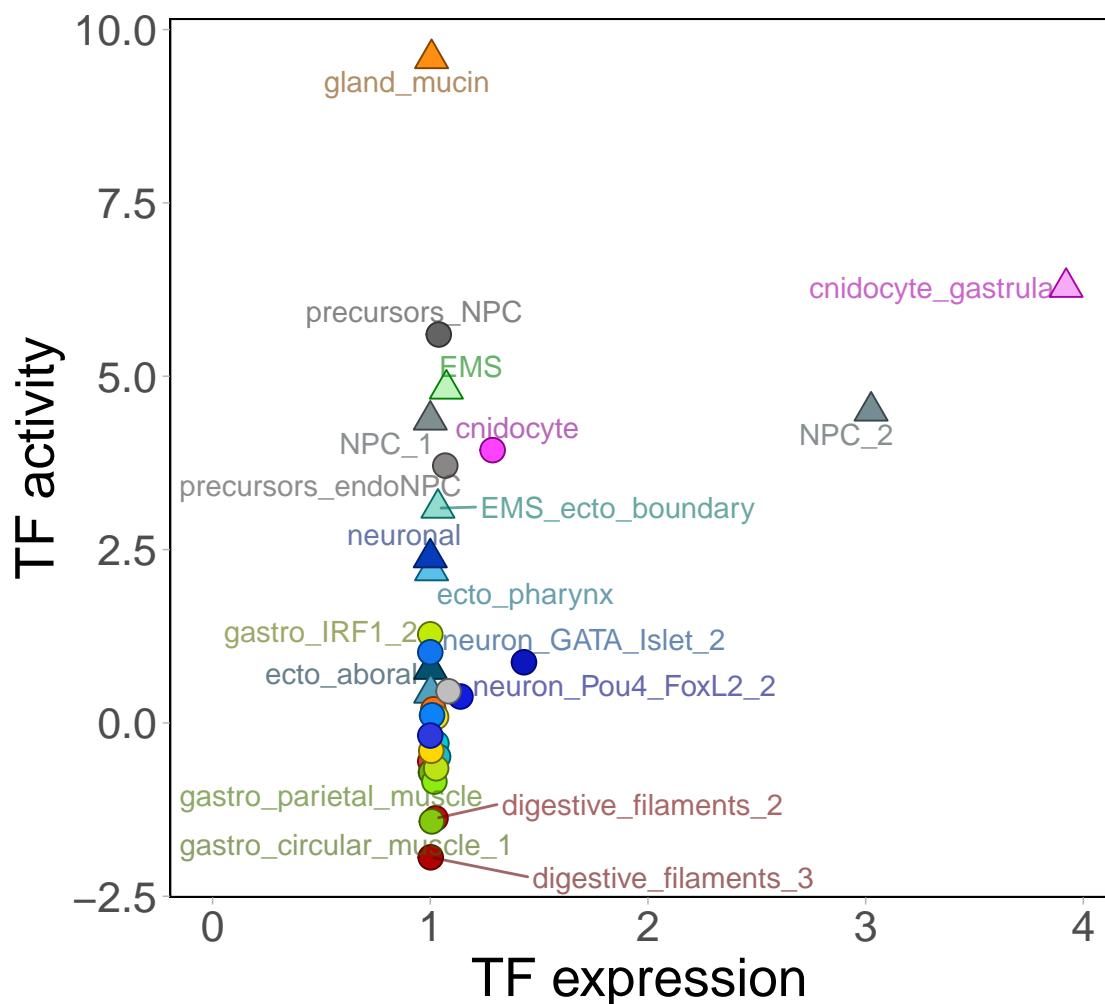
archetype family: bZIP

CisBP assigned: FALSE

rank: 445

gene expression correlation: 0.4073

gene score correlation: 0.0867



Nvec_v1g244929

OG: zf-C2H2.HG1.14:like:AC008758.1/

PFAM: zf-C2H2/zf-C2H2

motif: ARCH1345_Gfi1b/Gfi1

TF family: zf-C2H2

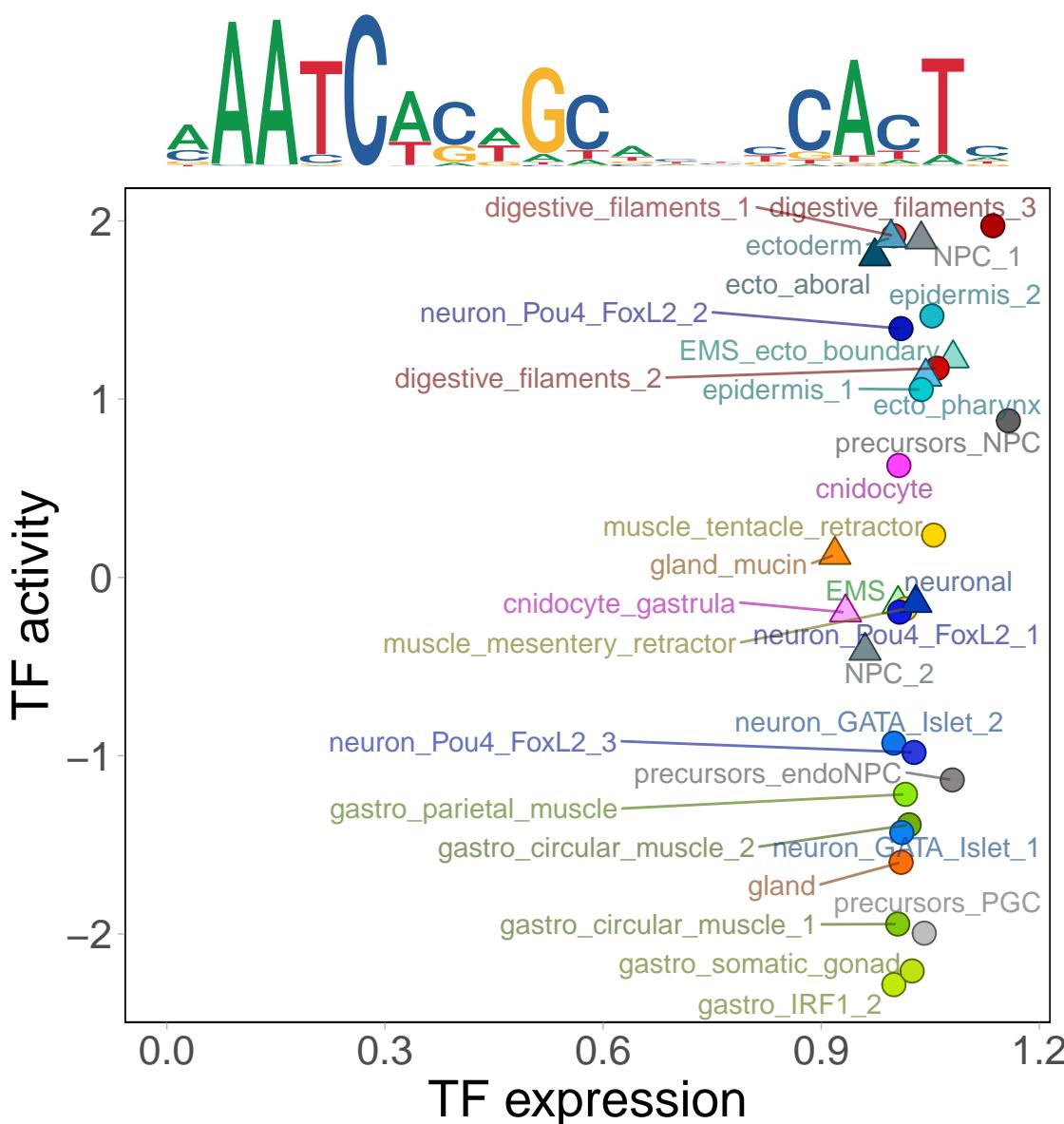
archetype family: zf-C2H2

CisBP assigned: FALSE

rank: 670

gene expression correlation: 0.2175

gene score correlation: 0.0161



Nvec_v1g99666

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

PFAM: HLH

motif: ARCH1533_BHLH112

TF family: HLH

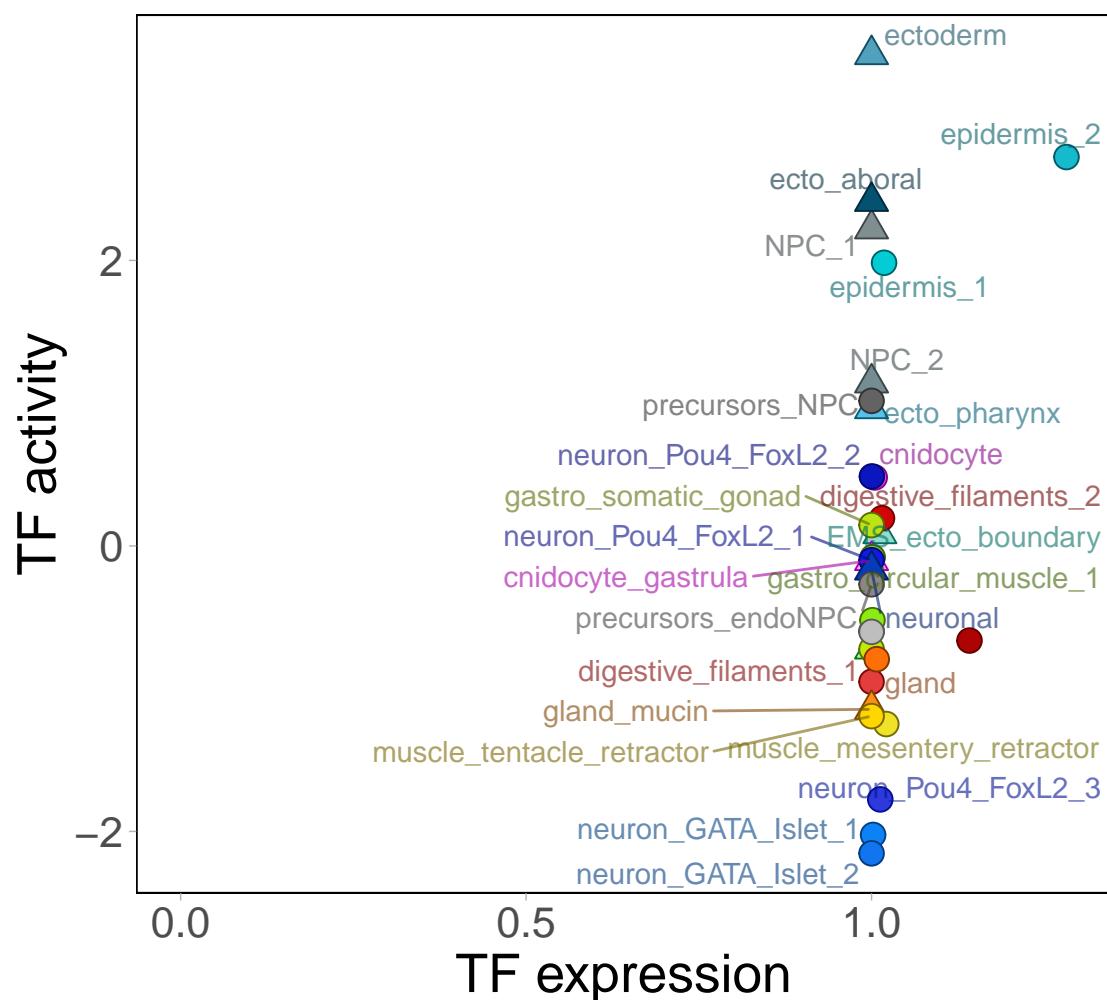
archetype family: HLH

CisBP assigned: FALSE

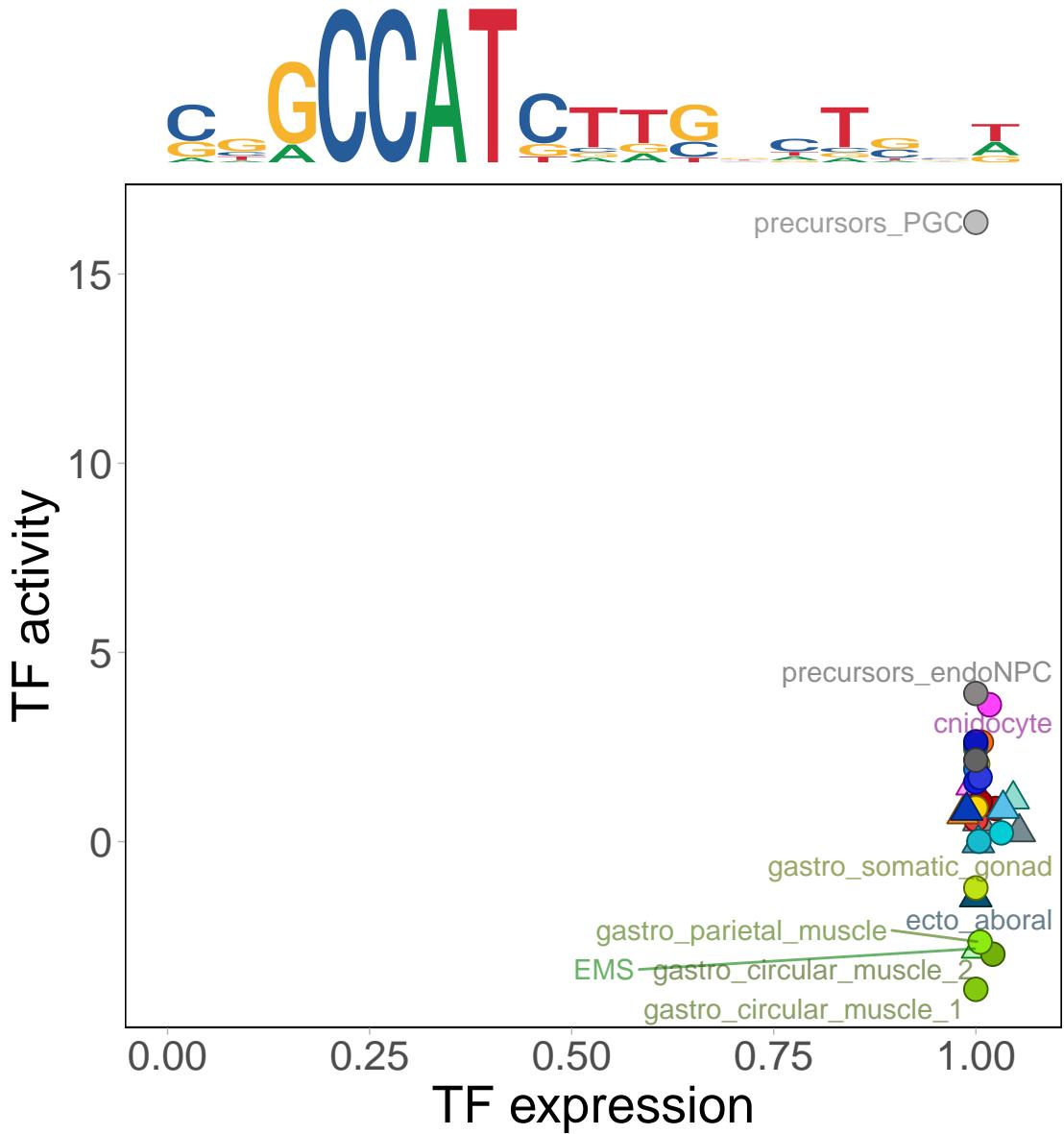
rank: 33

gene expression correlation: 0.2730

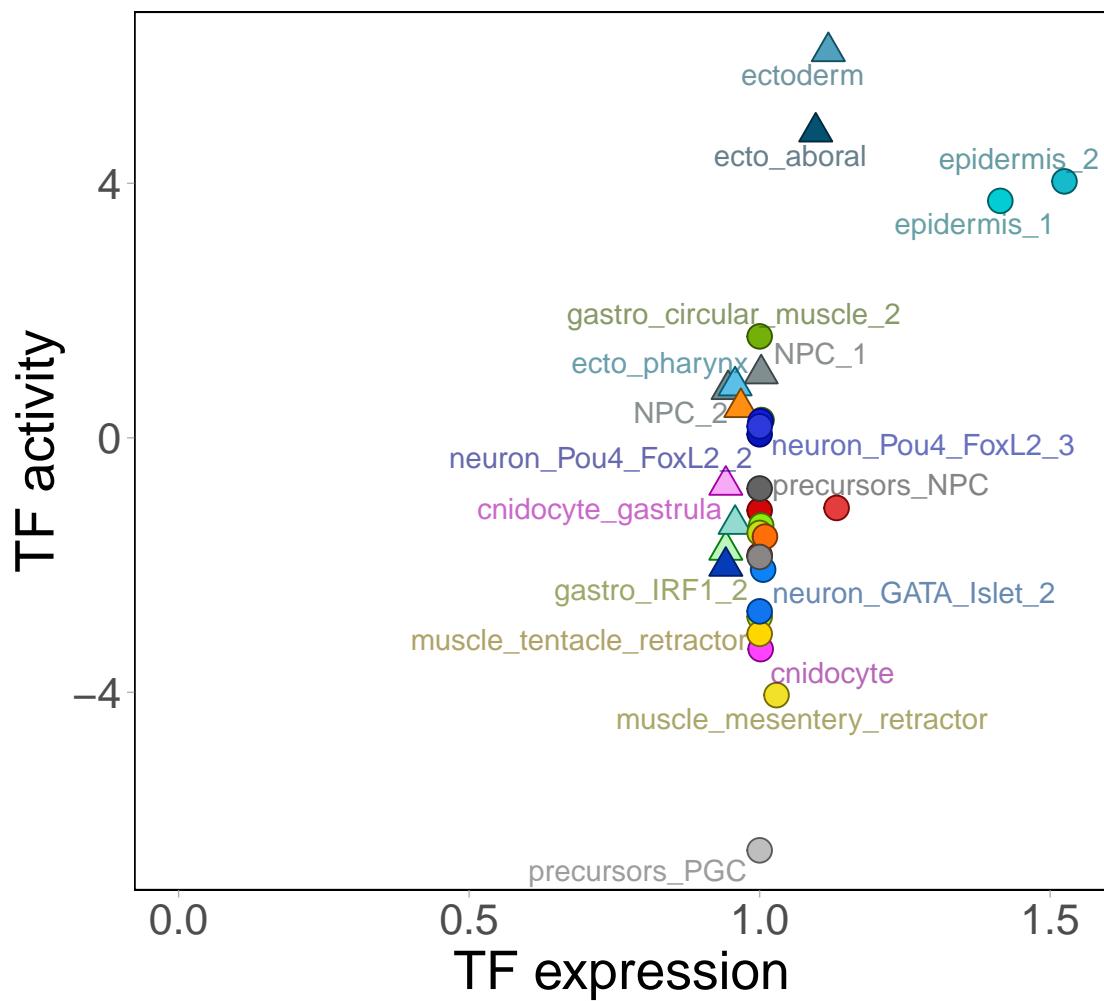
gene score correlation: 0.4211



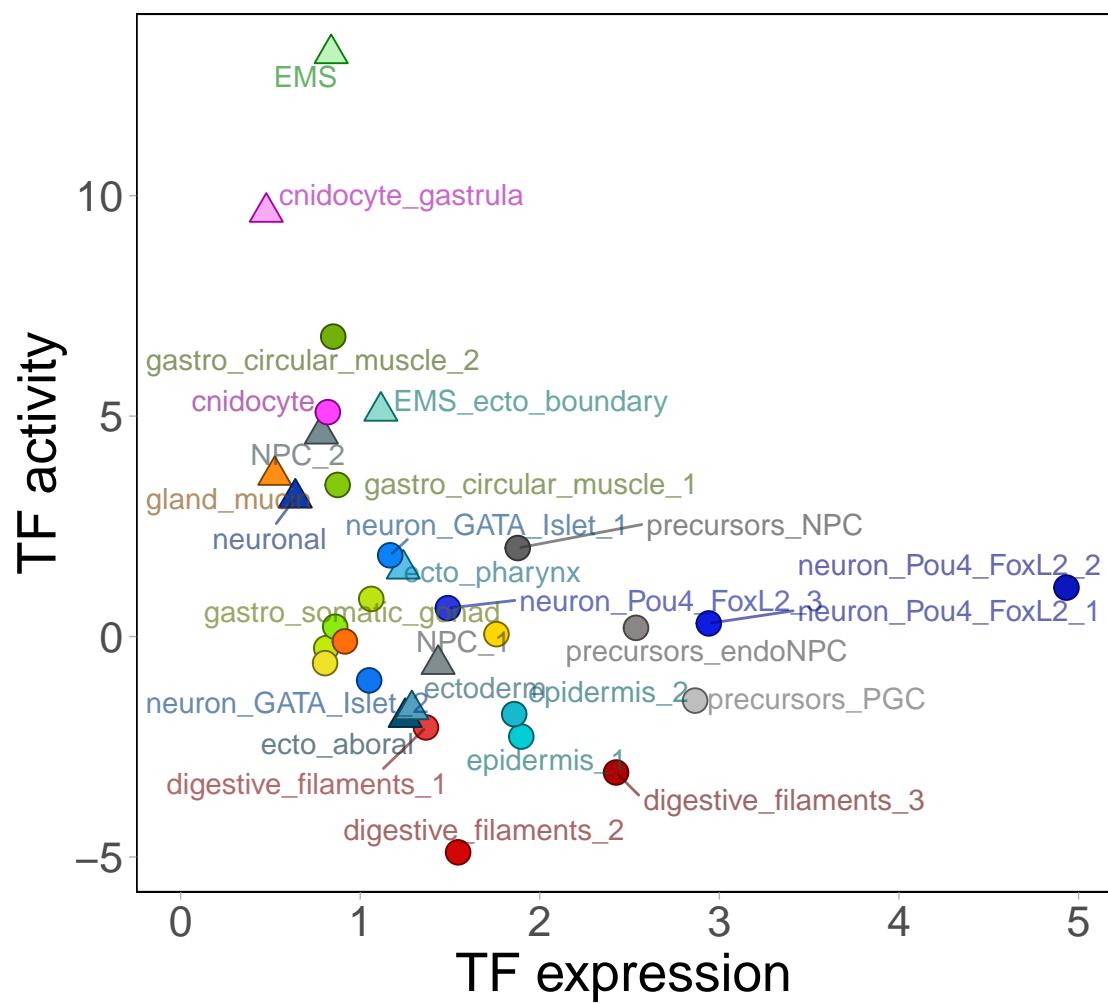
Nvec_vc1.1_XM_001618929.3
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH523_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: -0.1029
gene score correlation: 0.7531



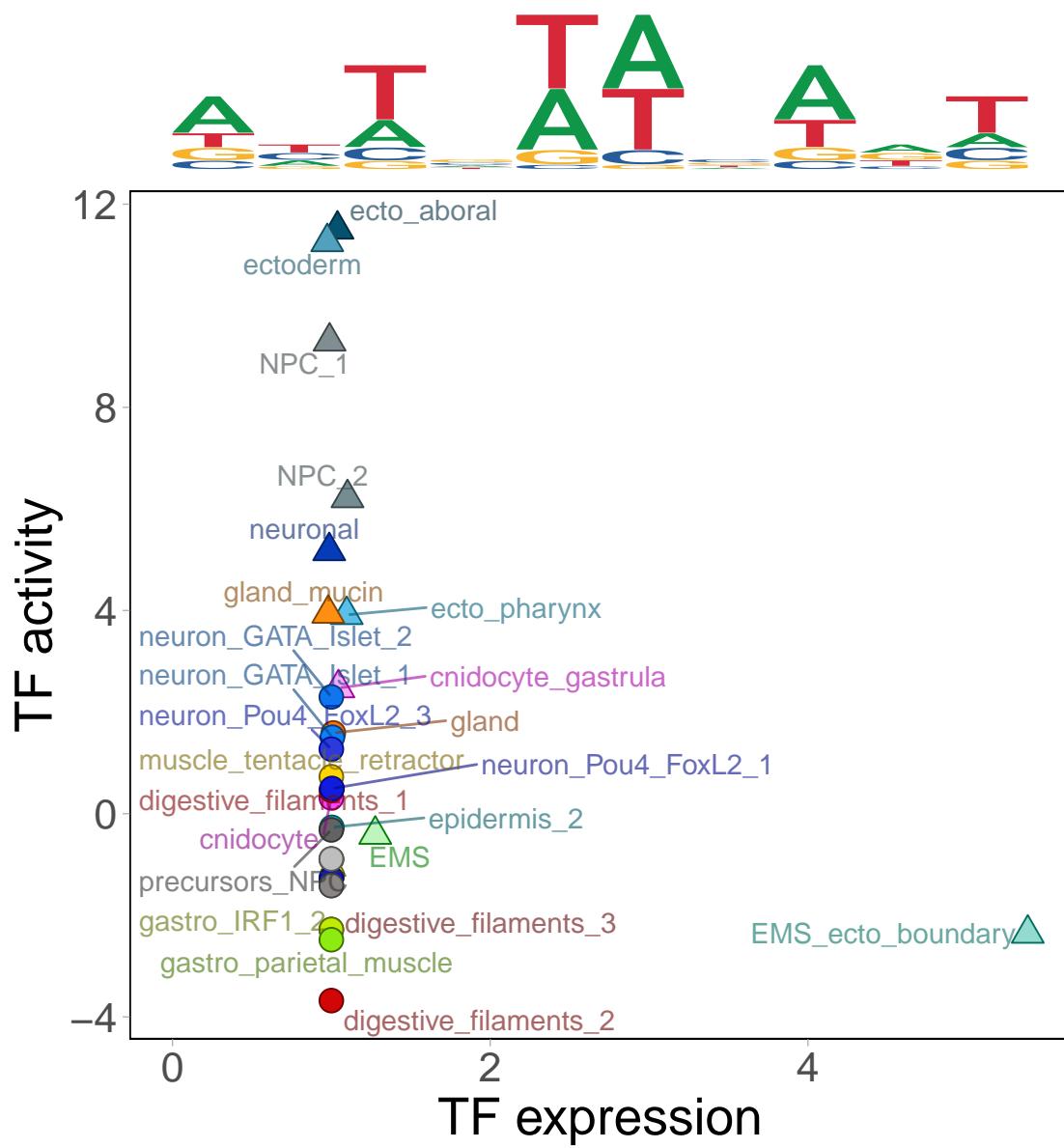
Nvec_vc1.1_XM_001623127.3
OG: Forkhead.HG1.31:like:FOXO1/FOX
PFAM: Forkhead
motif: ARCH1397_RBFox2__OCT:OCT-
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.5319
gene score correlation: 0.5595



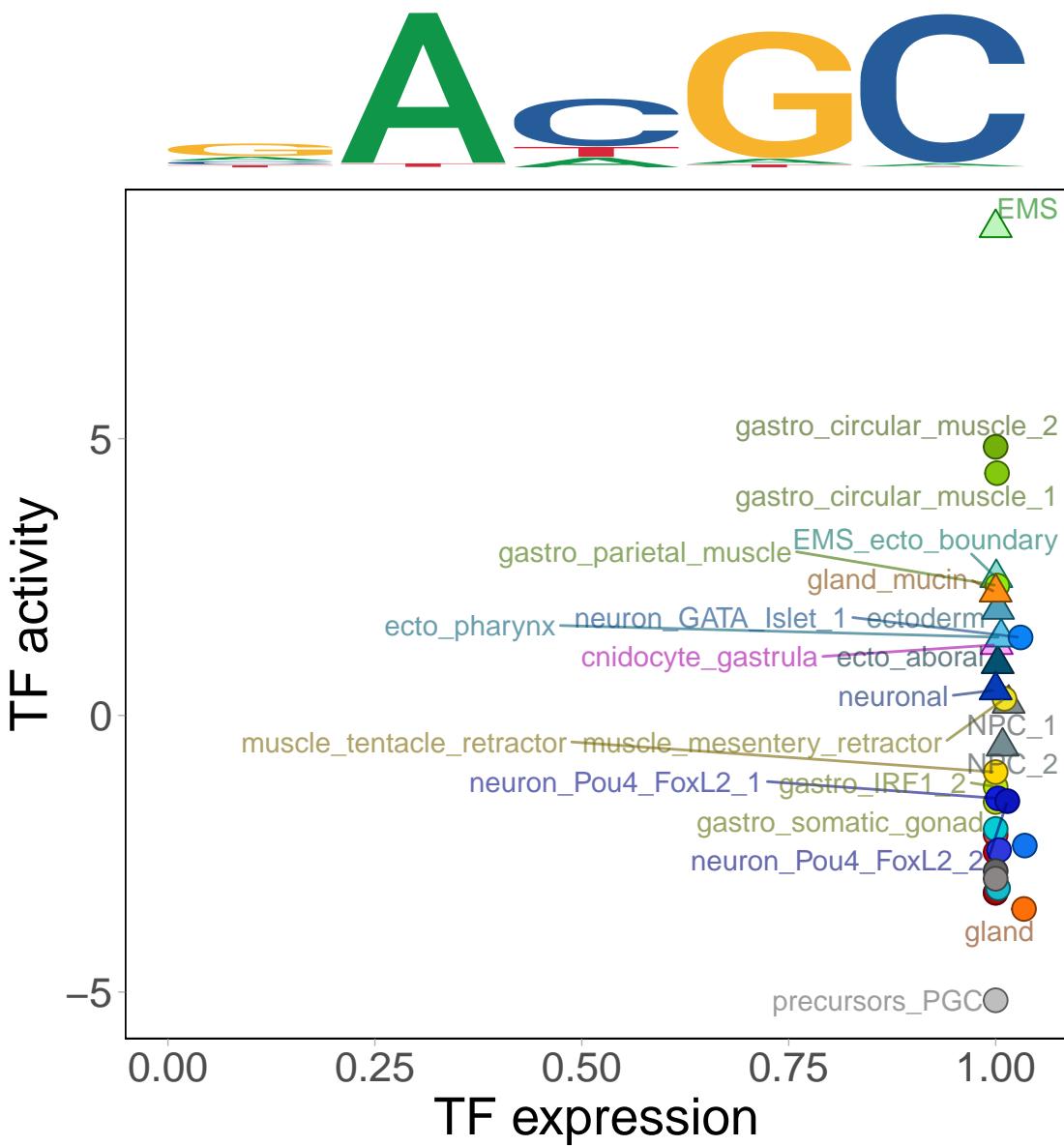
Nvec_vc1.1_XM_001623467.3
OG: bZIP.HG1.12:CREBZF
PFAM: bZIP_2
motif: Nvec_vc1.1_XM_001623467.3_b
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.3656
gene score correlation: -0.3782



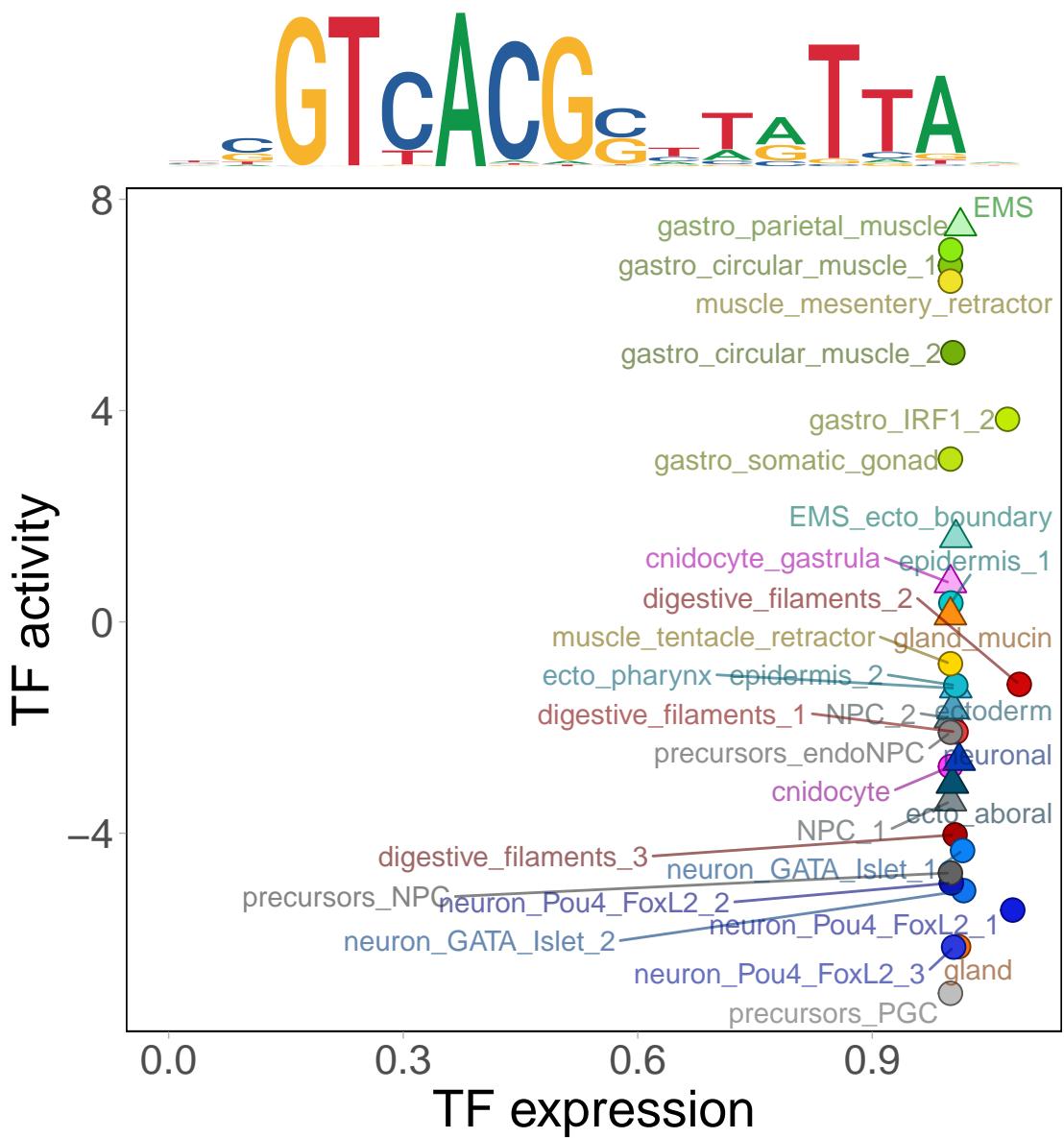
Nvec_vc1.1_XM_001623946.3
OG: Homeodomains.HG2.11:DUX4/DU
PFAM: Homeodomain
motif: M02082_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 0
gene expression correlation: -0.1668
gene score correlation: -0.1228



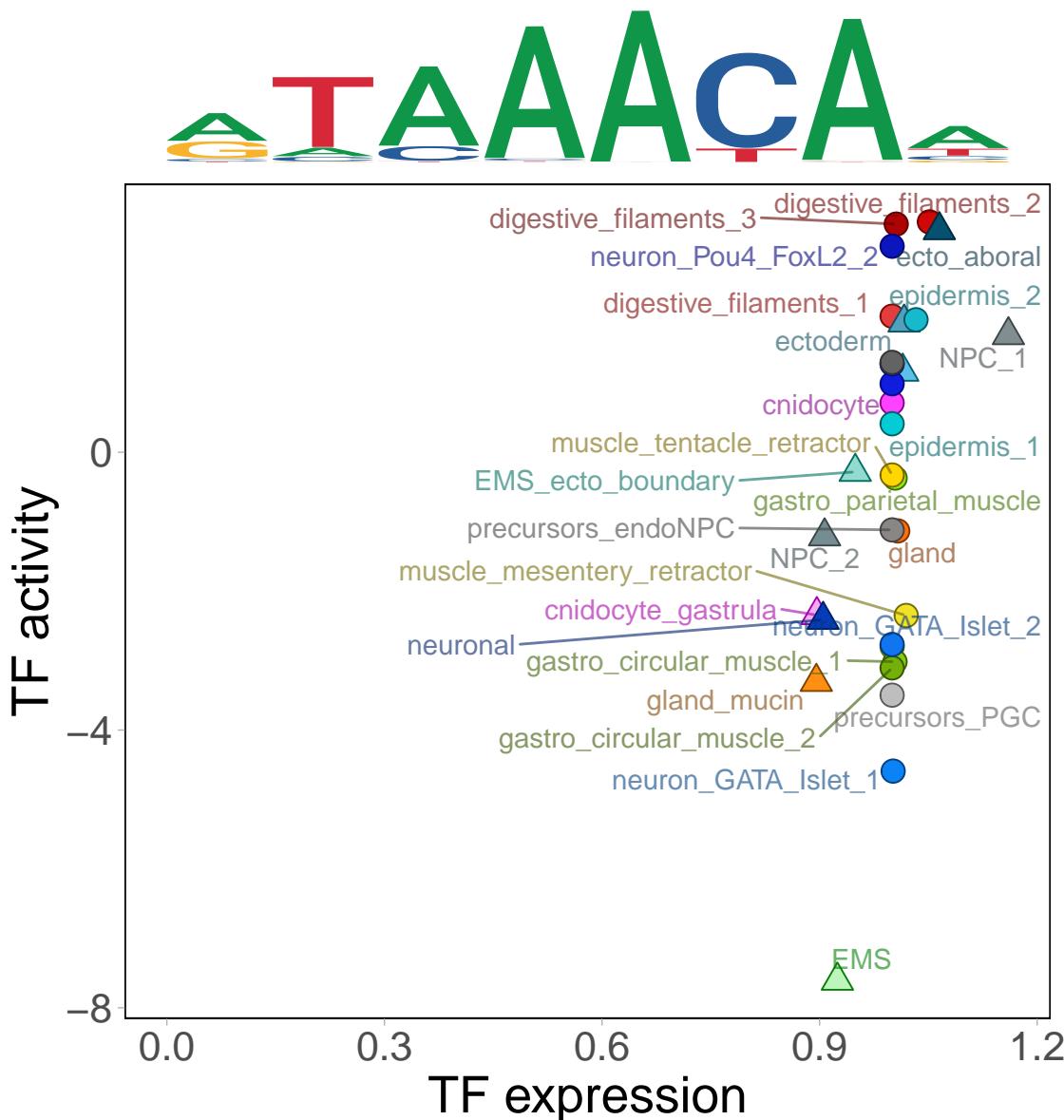
Nvec_vc1.1_XM_001624046.3
OG: Forkhead.HG1.33:like:FOXO1/FOX
PFAM: Forkhead
motif: ARCH954_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 12
gene expression correlation: -0.1284
gene score correlation: 0.3001



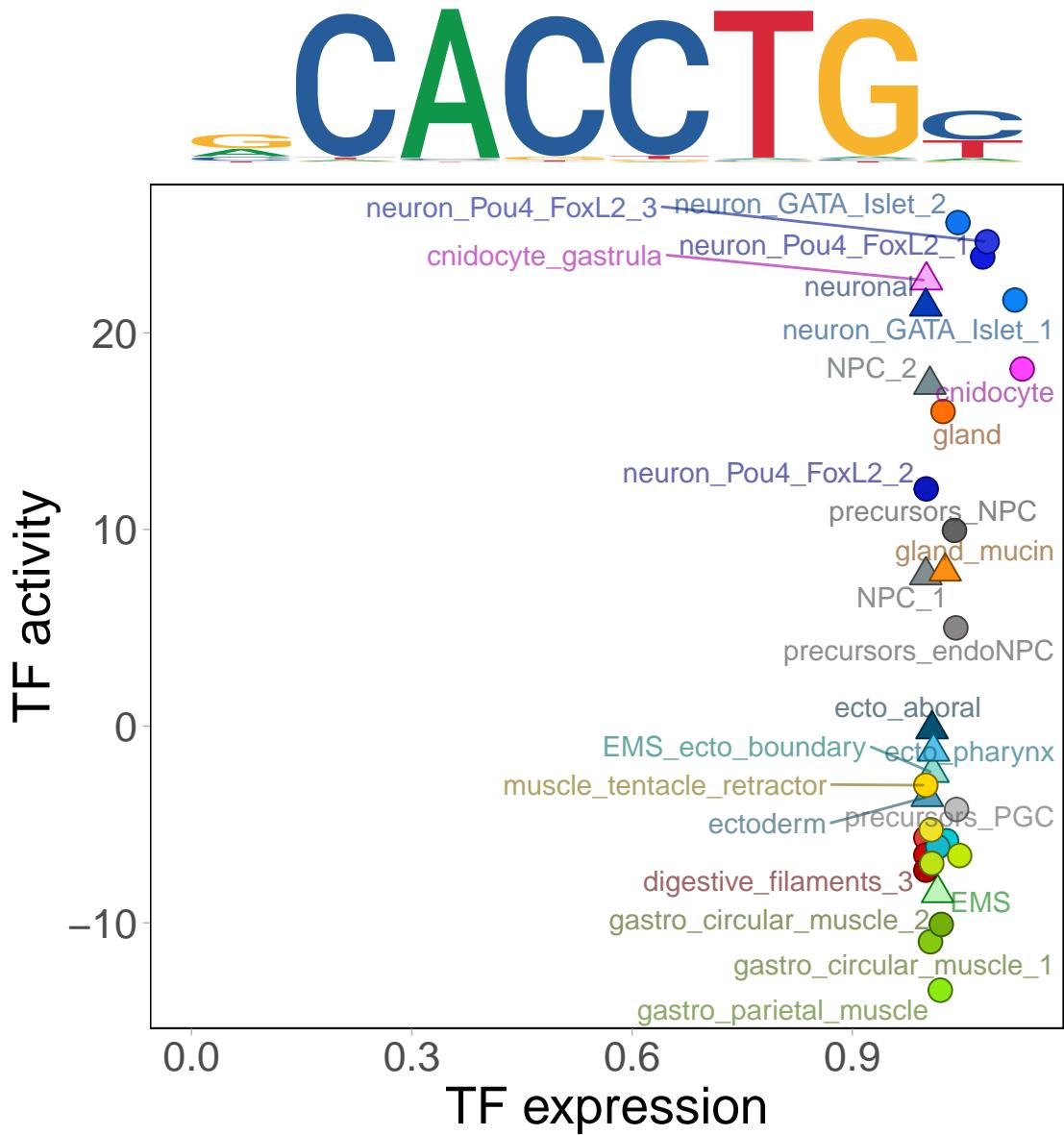
Nvec_vc1.1_XM_001624560.3
OG: Homeodomains.HG2.3:like:AC0252
PFAM: PAX/Homeodomain
motif: M05417_2.00
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.0512
gene score correlation: 0.0650



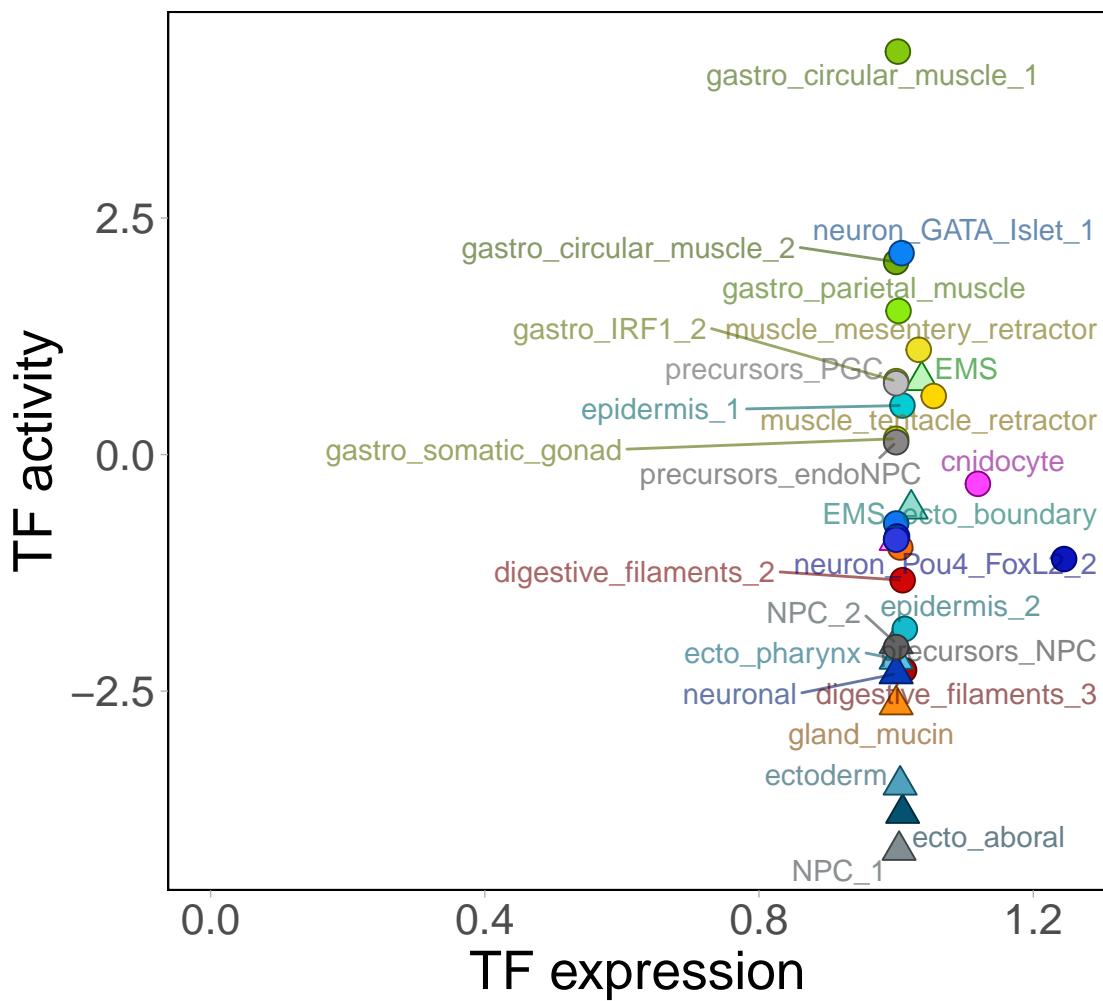
Nvec_vc1.1_XM_001624689.3
OG: Forkhead.HG1.26:FOXM1
PFAM: Forkhead
motif: ARCH968_Foxa3/Foxa1/Foxa2_F
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 12
gene expression correlation: 0.5171
gene score correlation: 0.2425



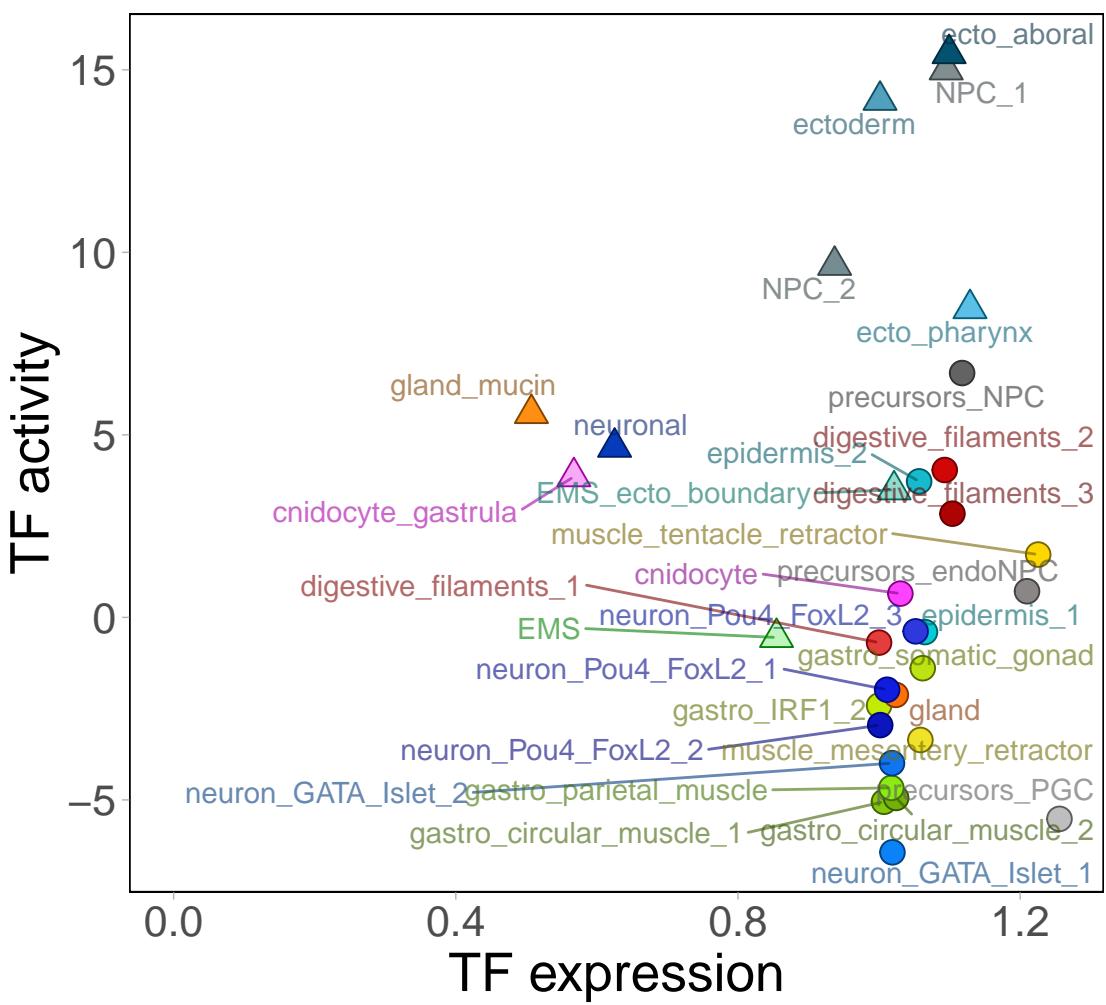
Nvec_vc1.1_XM_001624941.3
OG: zf-C2H2.HG19.1:PRDM14
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH470_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 893
gene expression correlation: 0.4888
gene score correlation: -0.1633



Nvec_vc1.1_XM_001625118.3
OG: HSF.HG1.0:like:HSF1/HSF2/HSF4/
PFAM: HSF_DNA-bind
motif: M05519_2.00
TF family: HSF
archetype family: HSF
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0204
gene score correlation: 0.3868



Nvec_vc1.1_XM_001625254.3
OG: HMGbox_Sox.HG1.55:TFAM/UBTF
PFAM: HMG_box/HMG_box
motif: ARCH1170_Sox4/Sox11_Sox13/
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 16
gene expression correlation: -0.1003
gene score correlation: -0.1576



Nvec_vc1.1_XM_001625437.3

OG: Myb.HG2.3:NA

PFAM: MADF_DNA_bdg

motif: ARCH1526_Mybl2/Myb/Mybl1

TF family: Myb

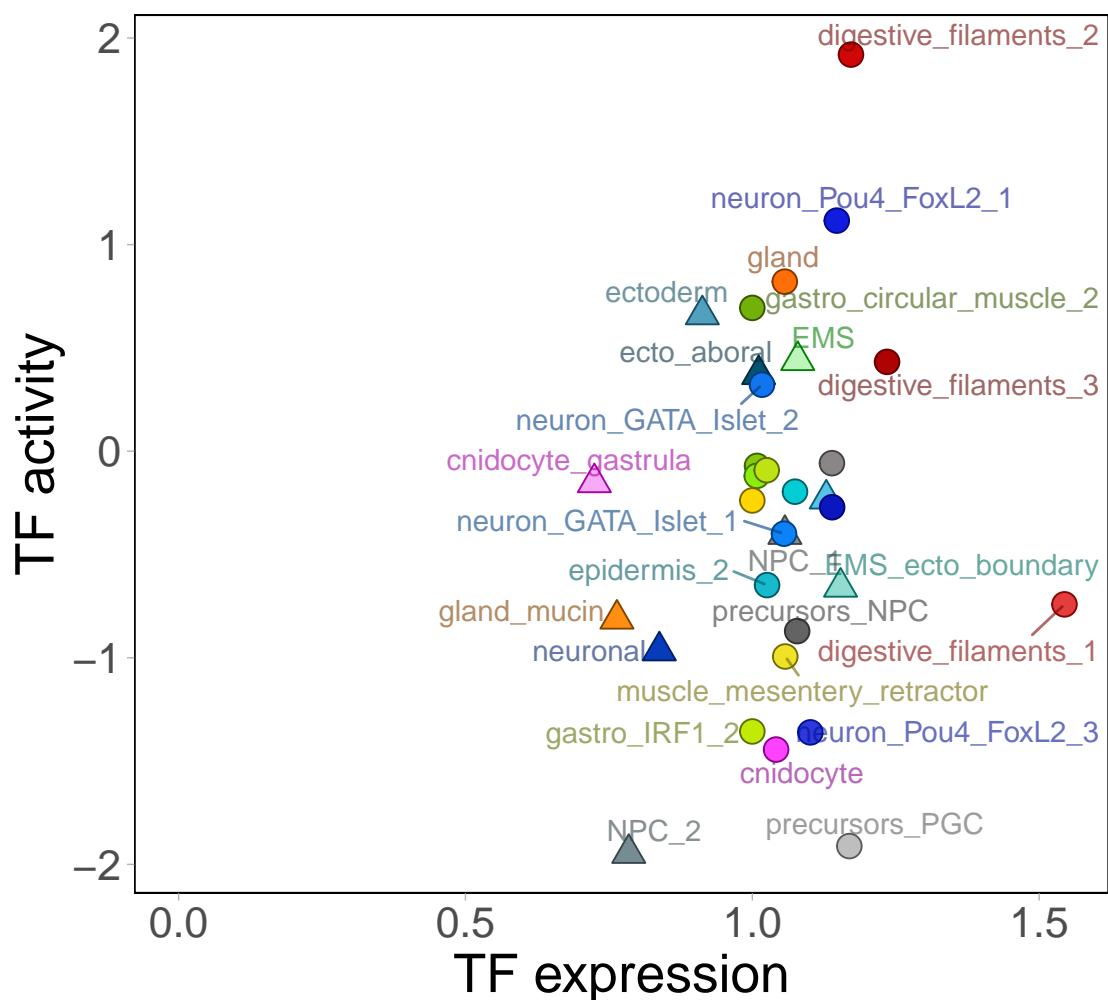
archetype family: Myb

CisBP assigned: FALSE

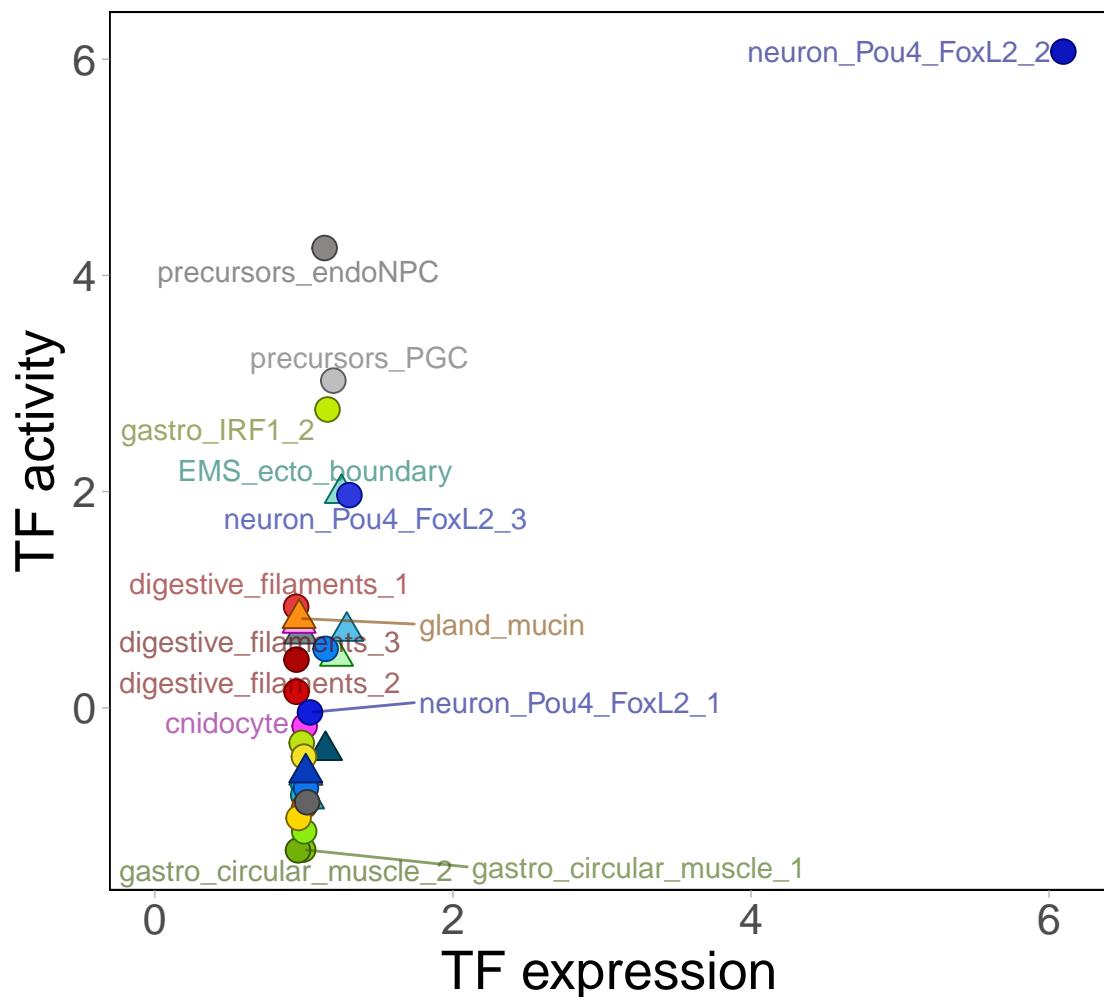
rank: 93

gene expression correlation: 0.1441

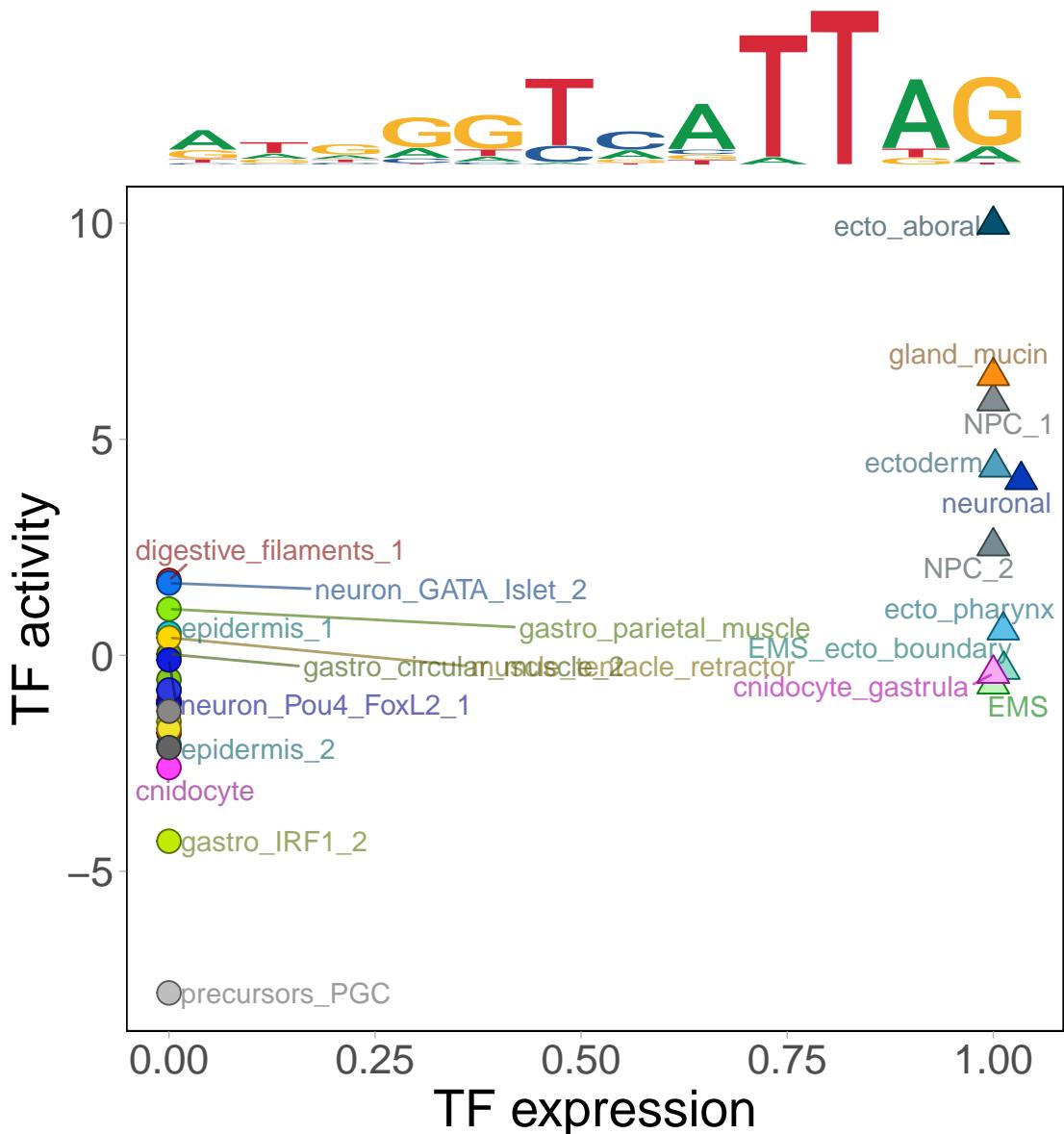
gene score correlation: -0.0485



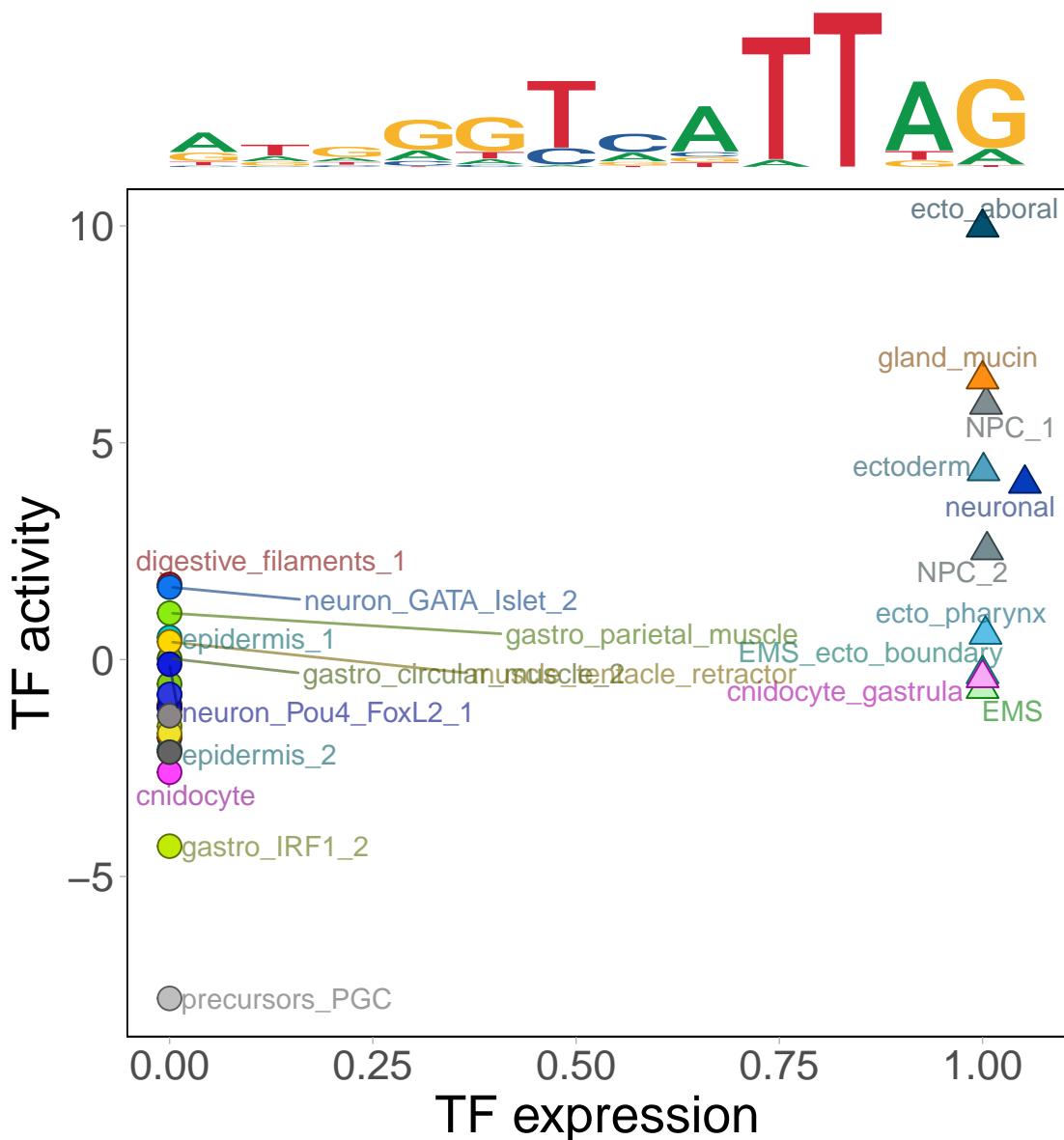
Nvec_vc1.1_XM_001625588.3
OG: Runt_Runx.HG1.0:RUNX1/RUNX2
PFAM: Runt
motif: ARCH1267_Runx3/Runx2/Runx1
TF family: Runt_Runx
archetype family: Runt_Runx
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.6593
gene score correlation: 0.7608



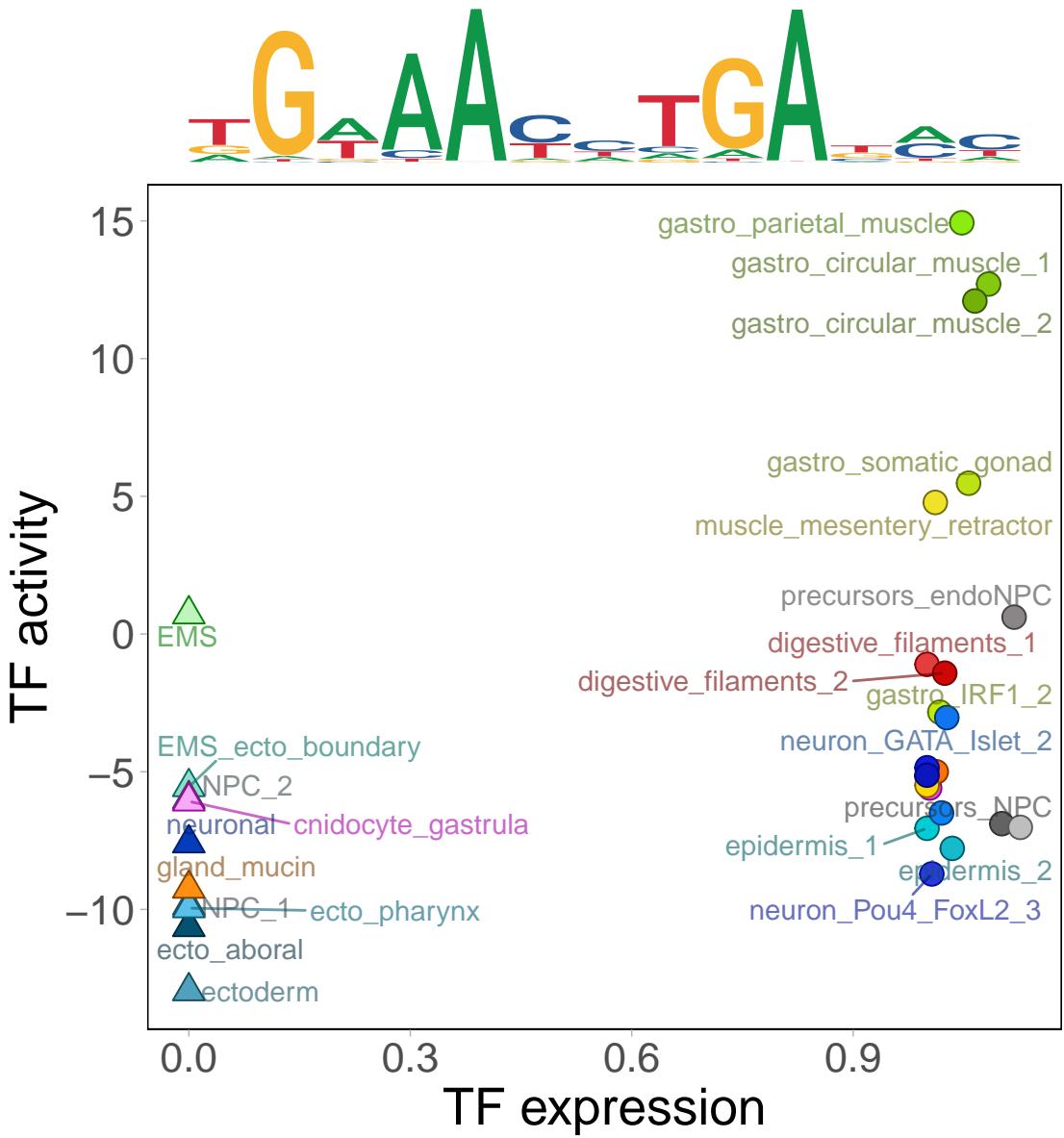
Nvec_vc1.1_XM_001625754.3
OG: Homeodomains.HG2.6:like:AC0252
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.6283
gene score correlation: 0.6344



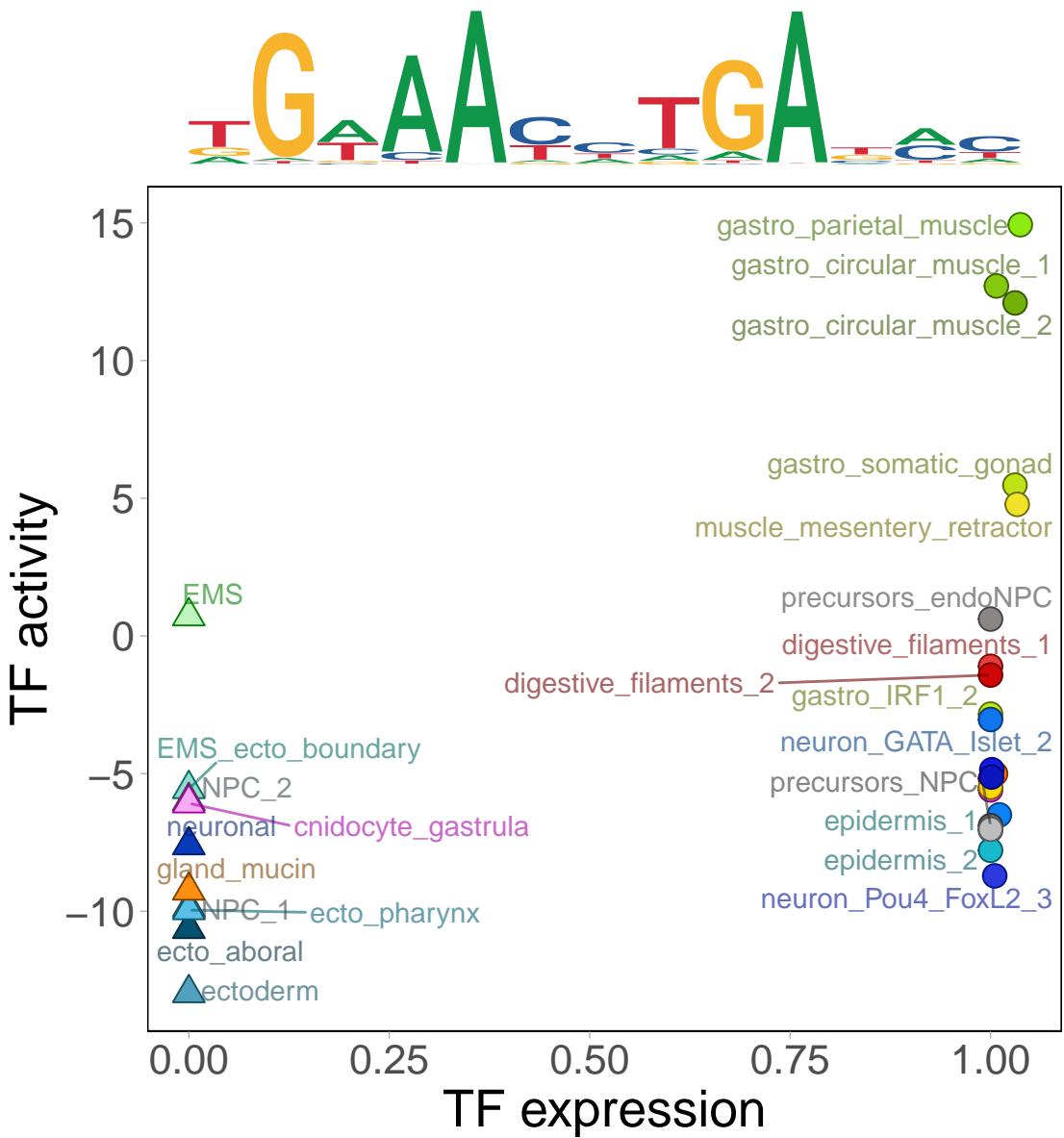
Nvec_vc1.1_XM_001625768.3
OG: Homeodomains.HG1.5:like:AC0040
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 53
gene expression correlation: 0.6300
gene score correlation: 0.6477



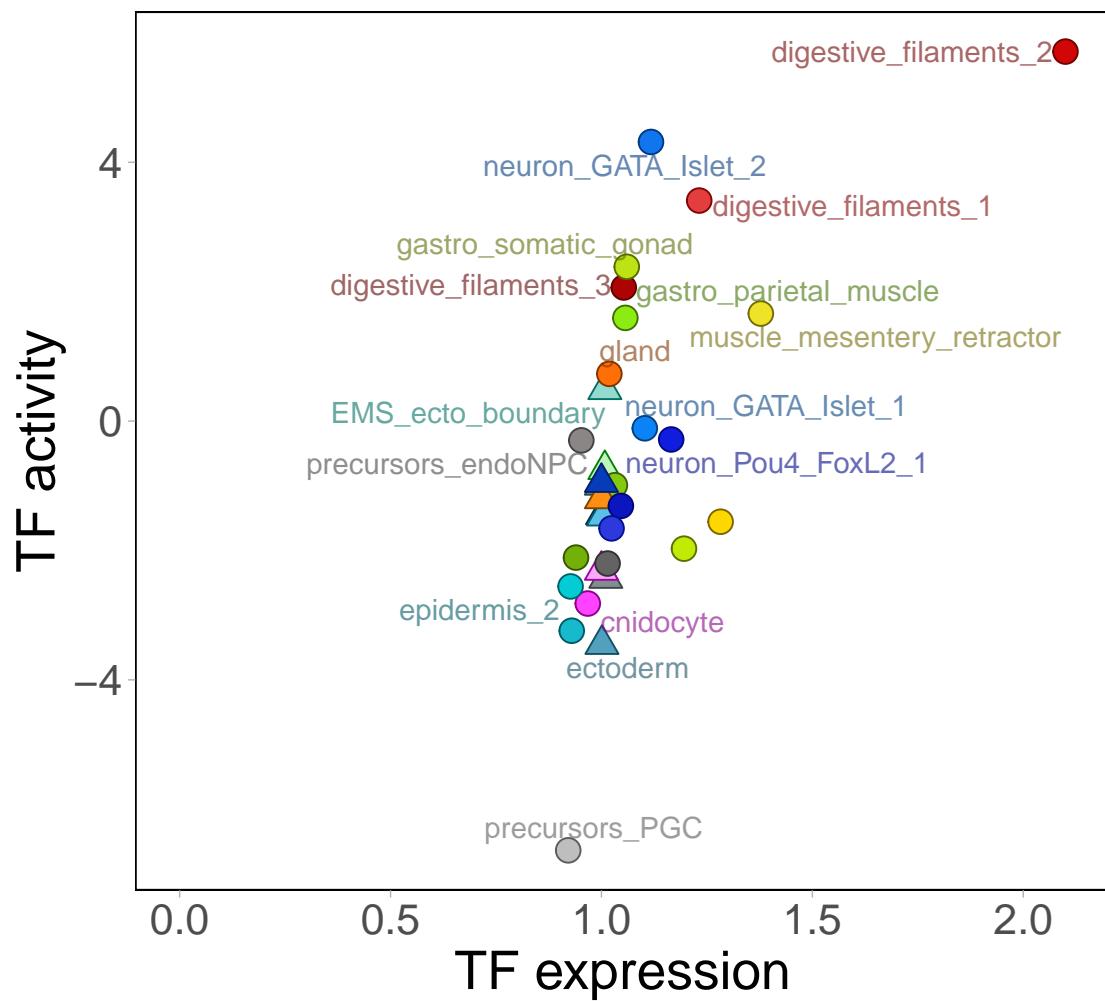
Nvec_vc1.1_XM_001625898.3
OG: Homeodomains.HG1.62:like:MEOX
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4465
gene score correlation: 0.7179



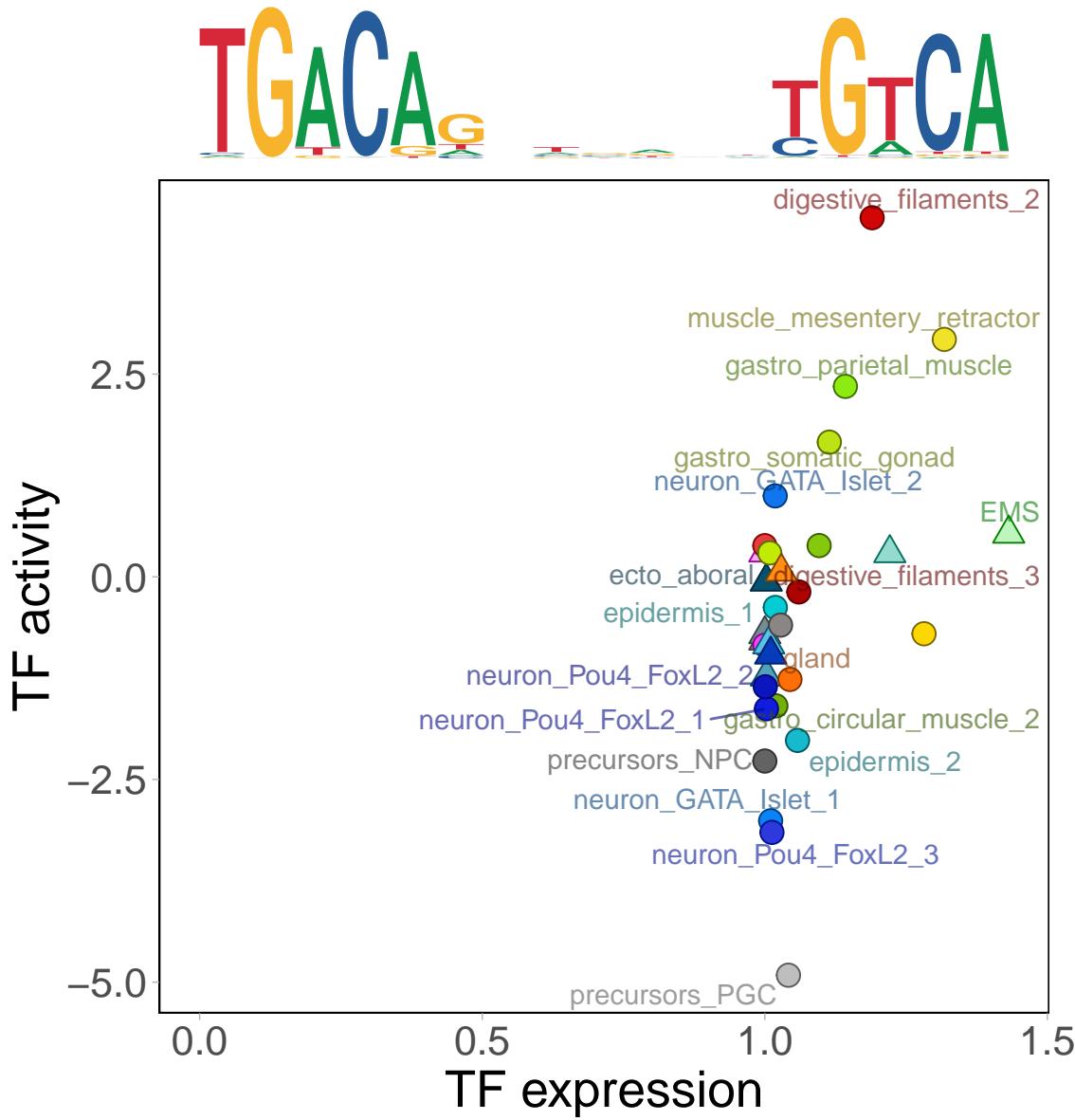
Nvec_vc1.1_XM_001625899.3
OG: Homeodomains.HG1.65:like:MEOX
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4439
gene score correlation: 0.7967



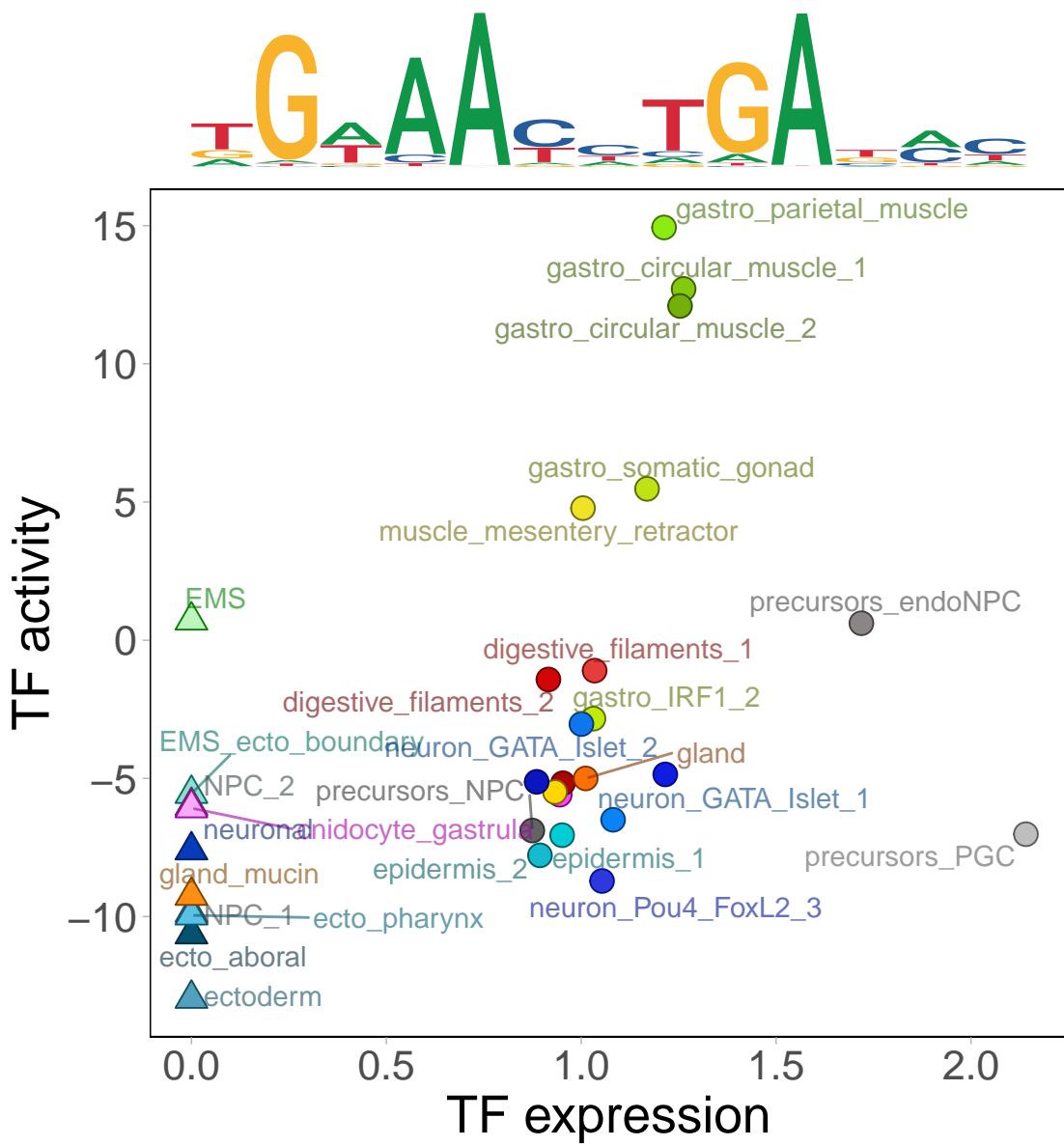
Nvec_vc1.1_XM_001625997.3
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: ARCH1504_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 170
gene expression correlation: 0.6315
gene score correlation: 0.5250



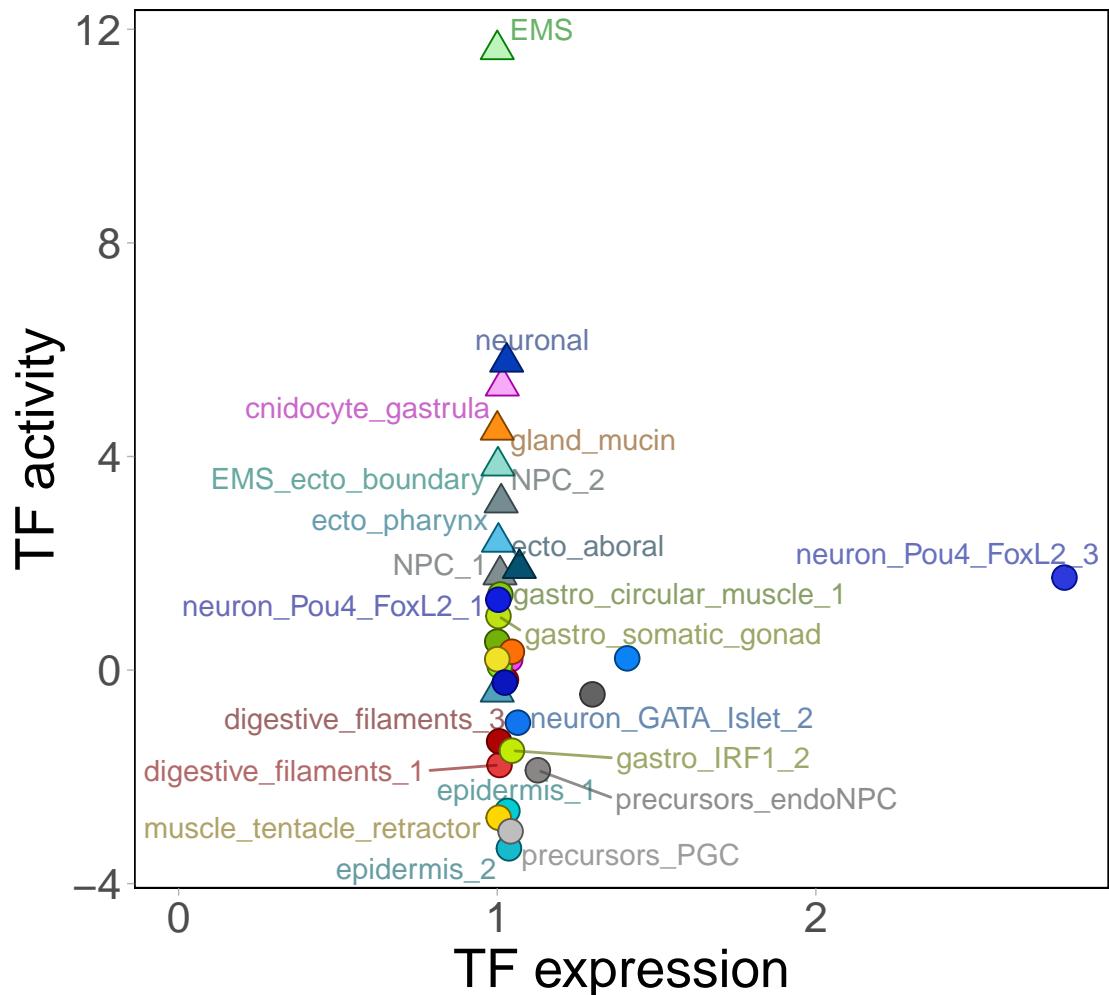
Nvec_vc1.1_XM_001625998.3
OG: Homeodomains.HG1.19:NKX2-1/P
PFAM: Homeodomain
motif: ARCH768_Meis3/Meis2/Meis1_P
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 13
gene expression correlation: 0.4766
gene score correlation: 0.6850



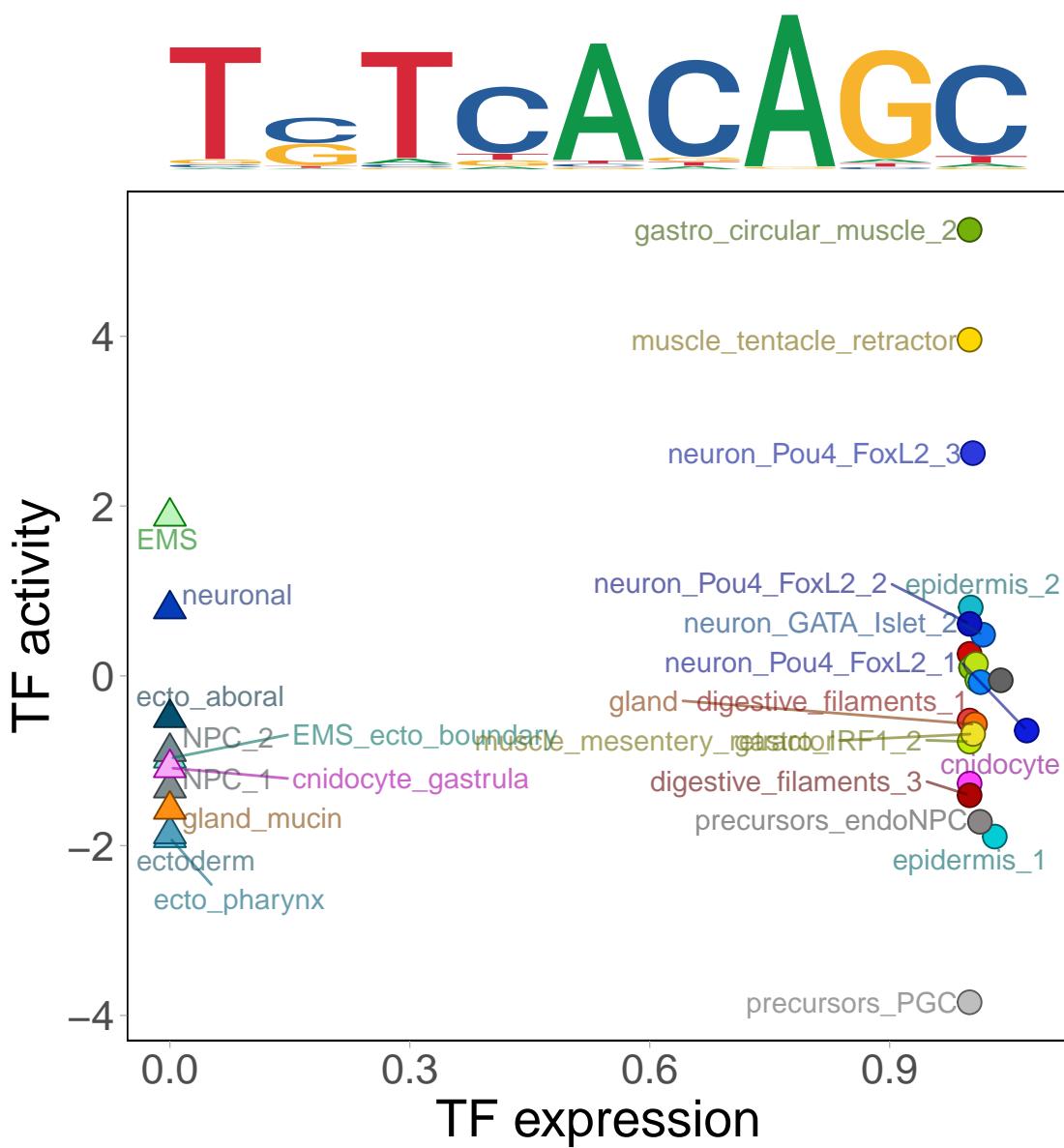
Nvec_vc1.1_XM_001626384.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4567
gene score correlation: 0.7907



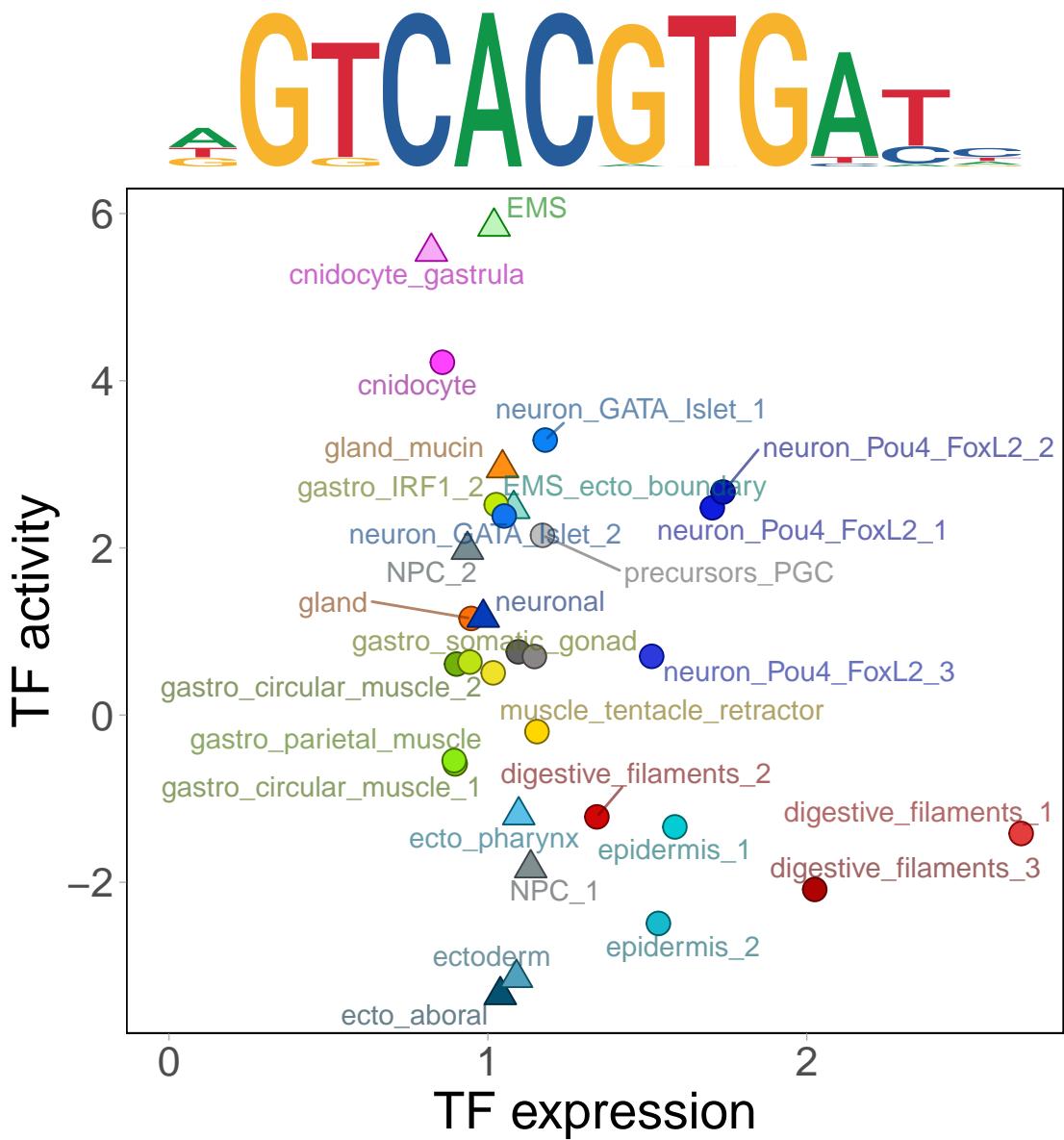
Nvec_vc1.1_XM_001626717.3
OG: T-box.HG1.4:like:EOMES/TBR1/T
PFAM: T-box
motif: Nvec_vc1.1_XM_001626717.3_T
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0051
gene score correlation: -0.1809



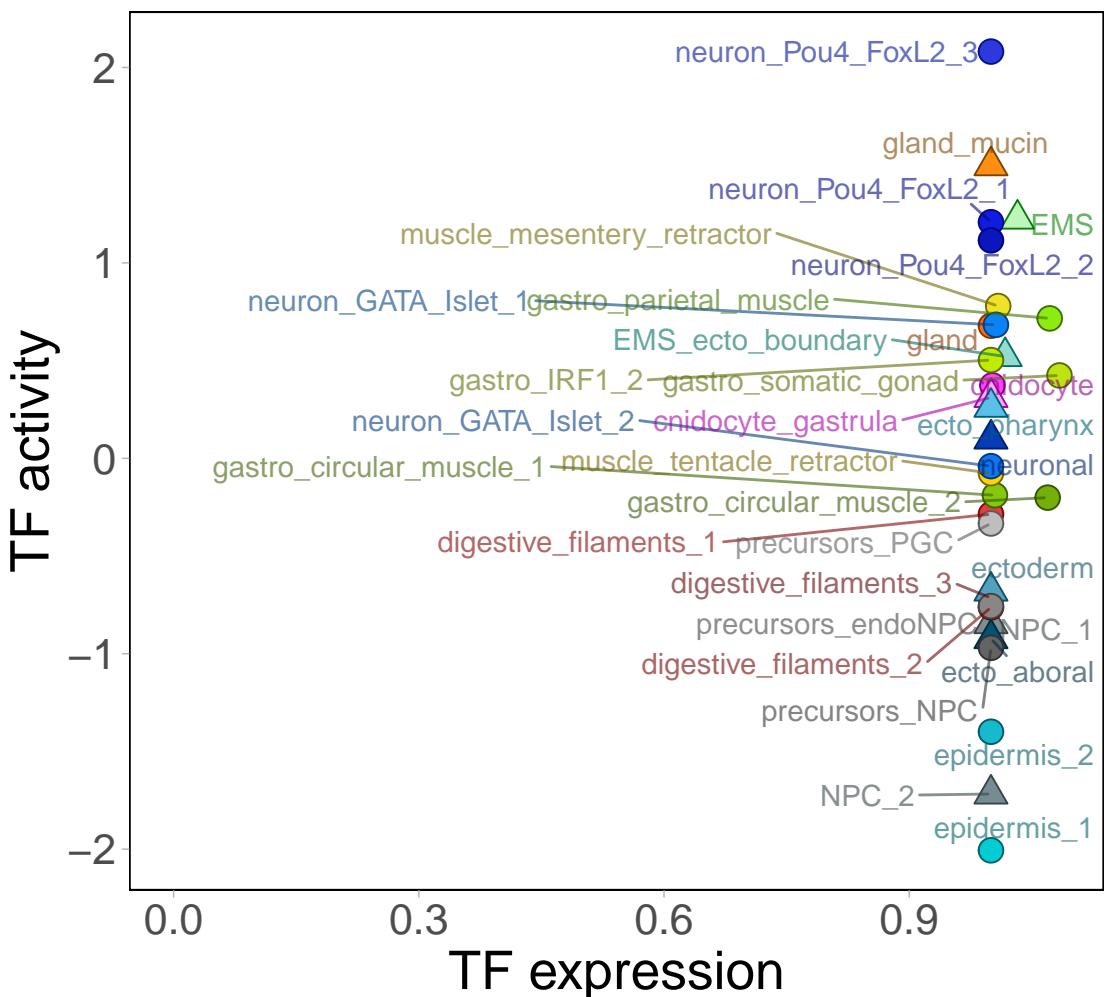
Nvec_vc1.1_XM_001626820.3
OG: T-box.HG1.2:like:MGA/TBX1/TBX2
PFAM: T-box
motif: ARCH755_Hth__TBX15
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 1028
gene expression correlation: 0.2036
gene score correlation: -0.0936



Nvec_vc1.1_XM_001627049.3
OG: HLH.HG1.19:HELT
PFAM: HLH/Hairy_orange
motif: Nvec_vc1.1_XM_001627049.3_H
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.3168
gene score correlation: -0.1107



Nvec_vc1.1_XM_001627072.3
OG: Forkhead.HG1.17:like:FOXI1/FOXI2
PFAM: Forkhead
motif: ARCH964_Foxc2/Foxc1_Foxg1/G
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 359
gene expression correlation: 0.1927
gene score correlation: 0.1226



Nvec_vc1.1_XM_001627361.3

OG: zf-C2H2.HG74.0:NA

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

motif: ARCH419_Yy1

TF family: zf-C2H2

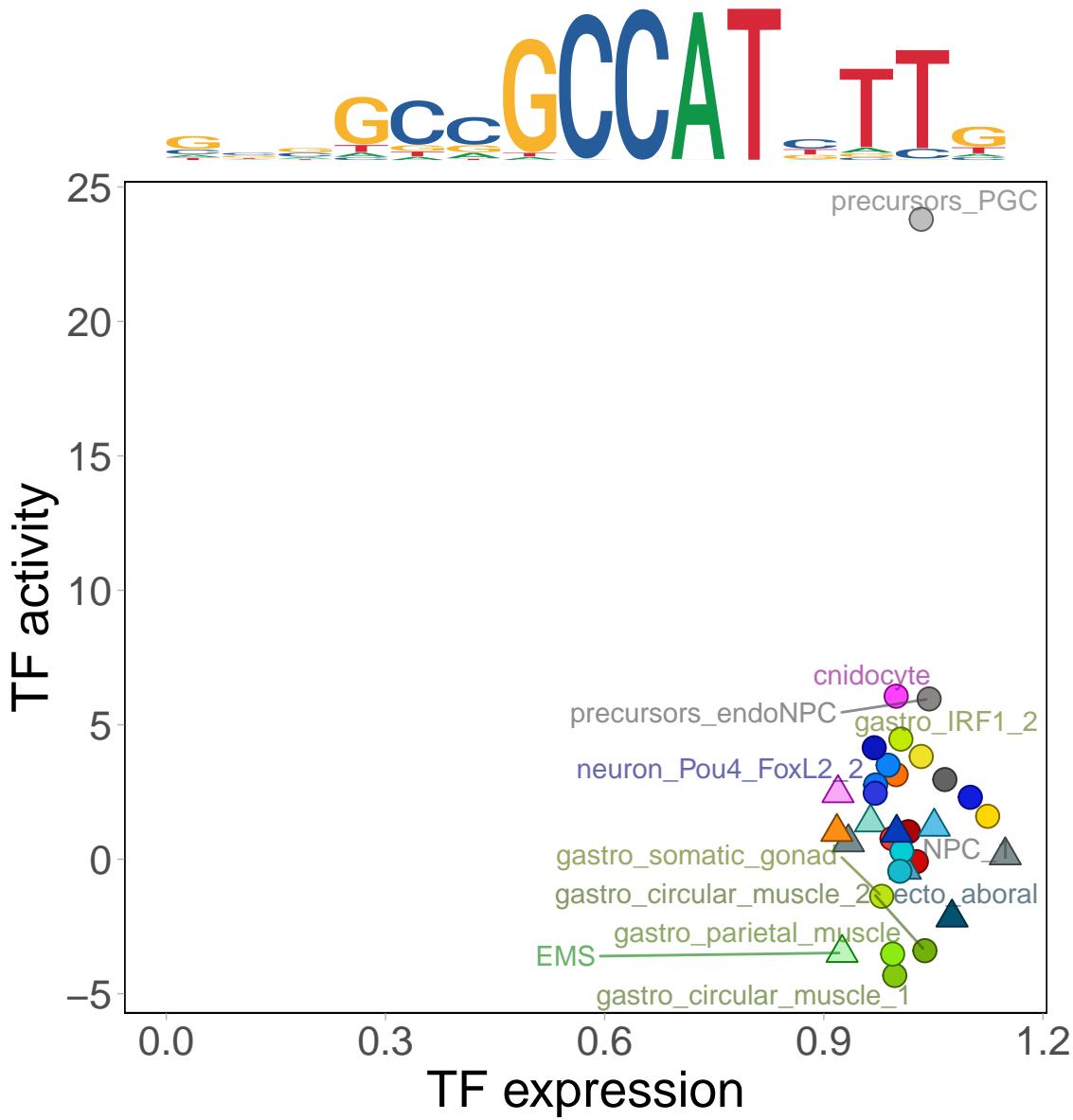
archetype family: zf-C2H2

CisBP assigned: FALSE

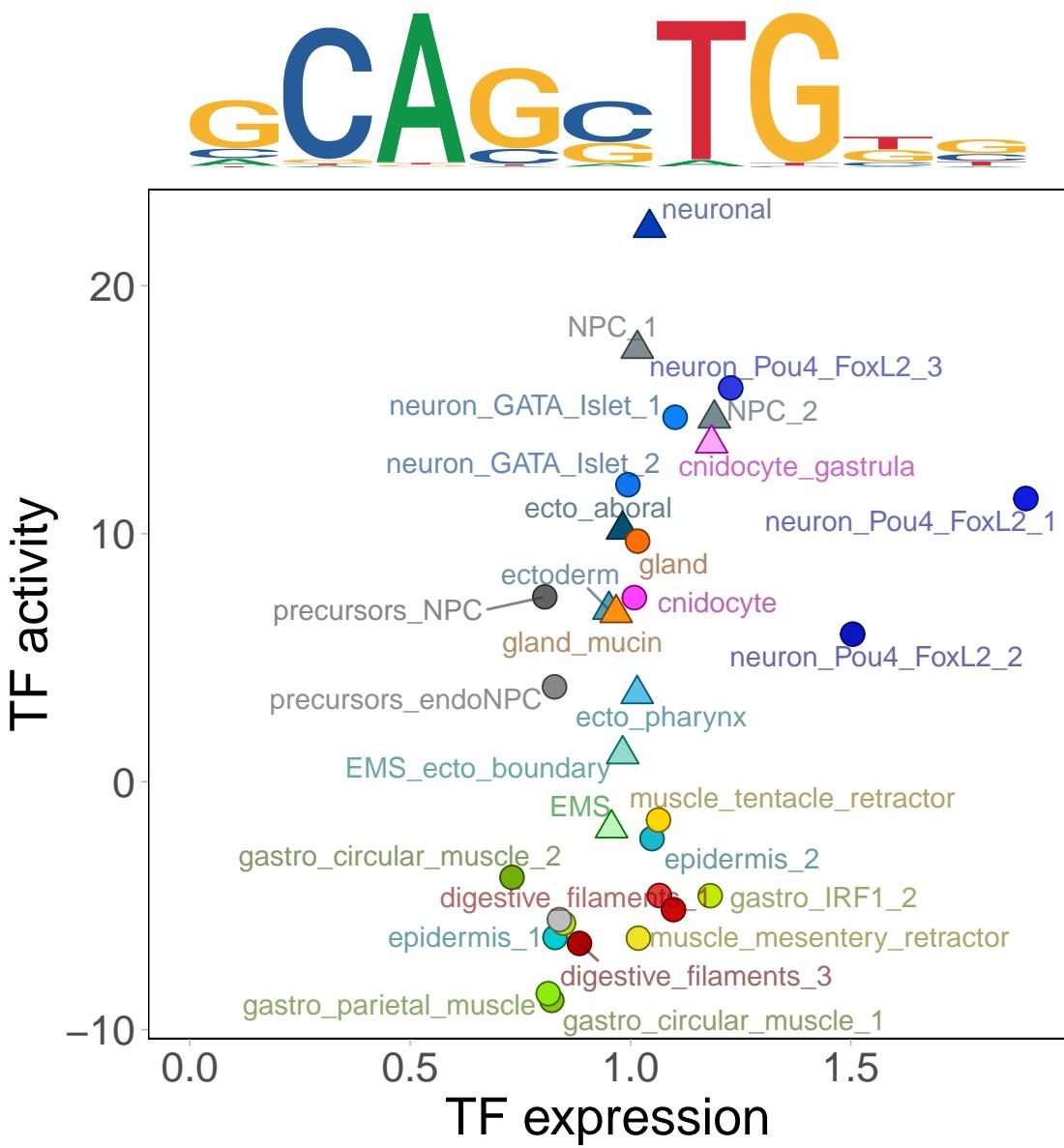
rank: 2

gene expression correlation: 0.0859

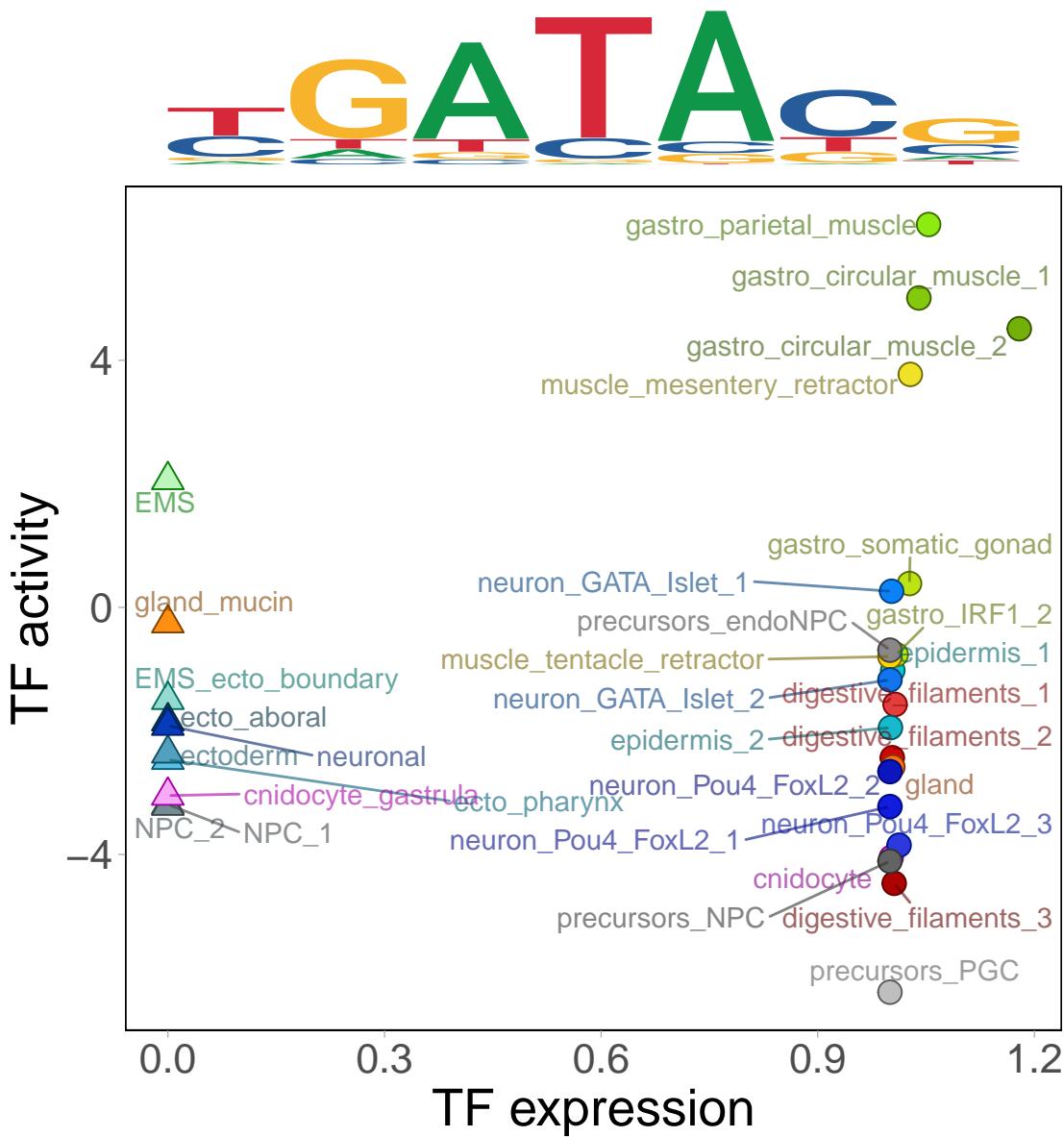
gene score correlation: 0.5764



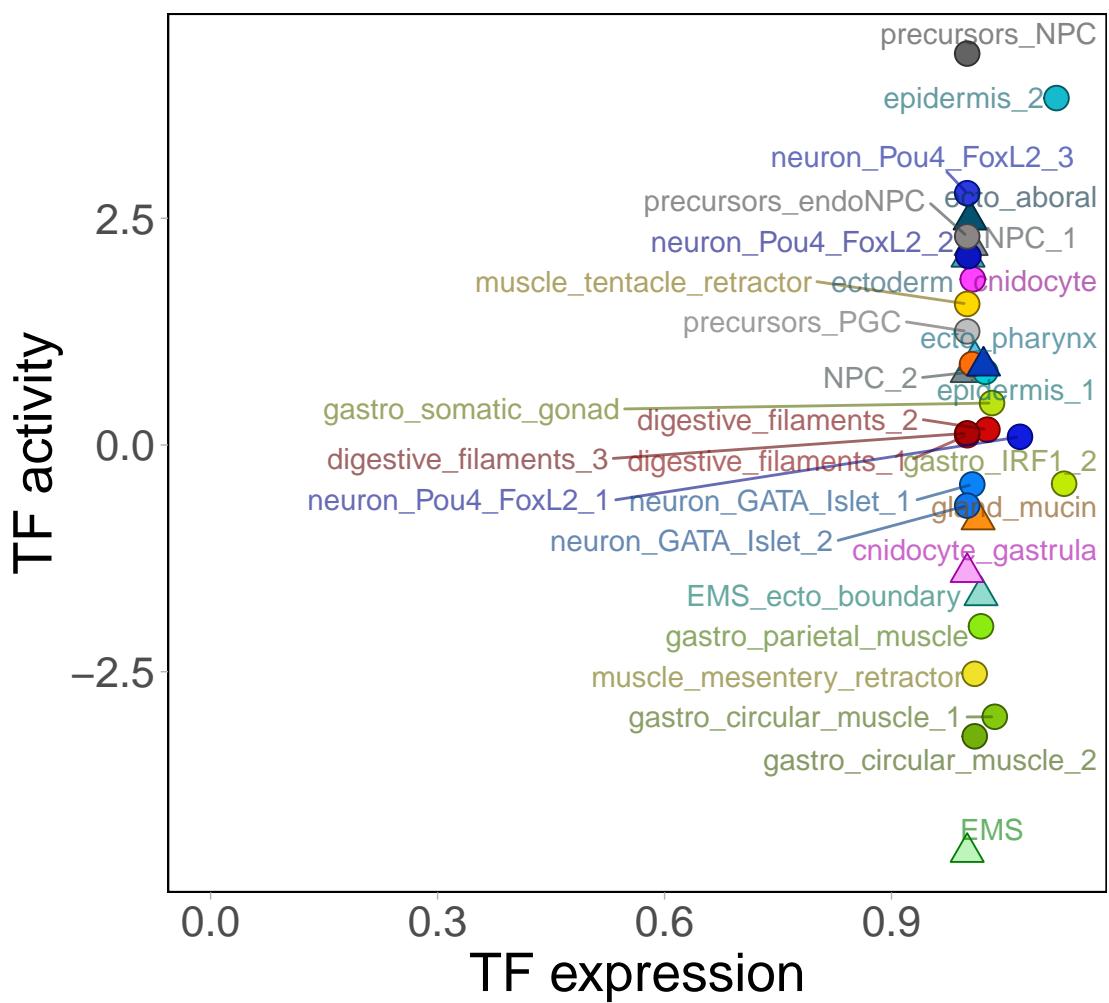
Nvec_vc1.1_XM_001627423.3
OG: HMGbox_Sox.HG1.10:BBX
PFAM: HMG_box
motif: ARCH482_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 18
gene expression correlation: 0.4082
gene score correlation: 0.4552



Nvec_vc1.1_XM_001627544.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain
motif: ARCH637_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1715
gene score correlation: 0.8570



Nvec_vc1.1_XM_001627629.3
OG: Forkhead.HG1.30:like:FOXO1/FOX
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.0336
gene score correlation: 0.3949



Nvec_vc1.1_XM_001627662.3

OG: E2F_TDP.HG1.3:E2F4/E2F5

PFAM: E2F_TDP/E2F_CC-MB

motif: ARCH1058_Pdp1

TF family: E2F_TDP

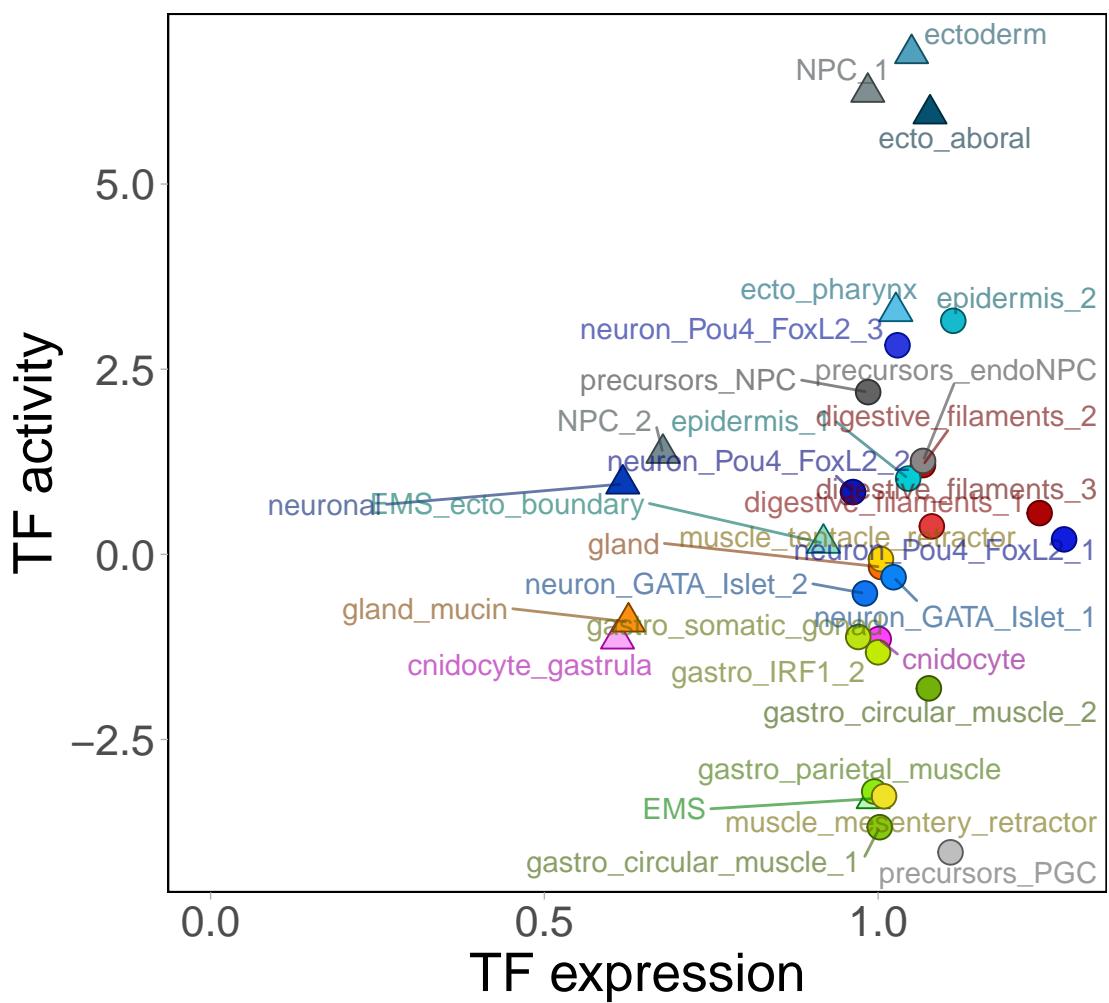
archetype family: E2F_TDP

CisBP assigned: FALSE

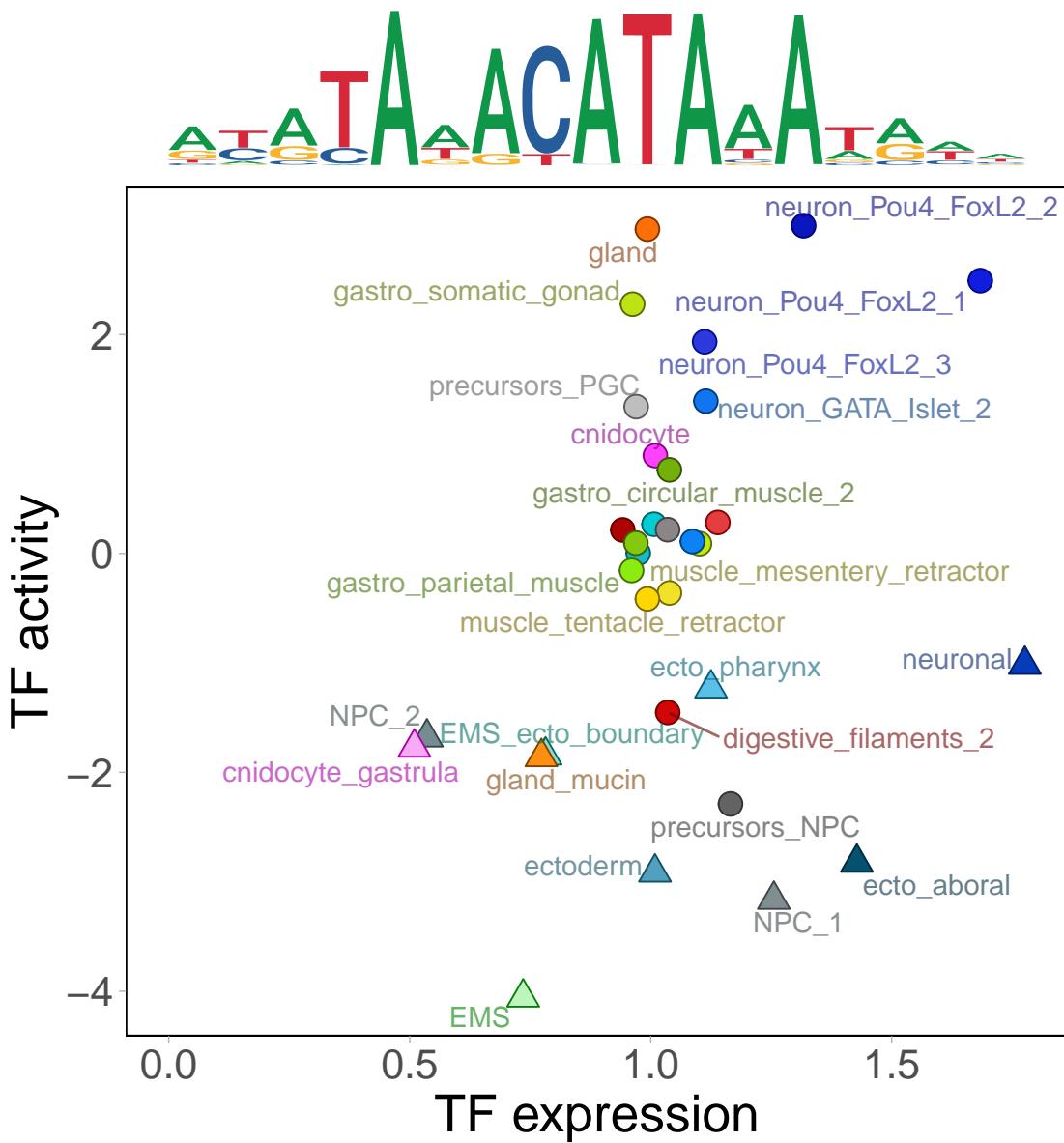
rank: 27

gene expression correlation: 0.0907

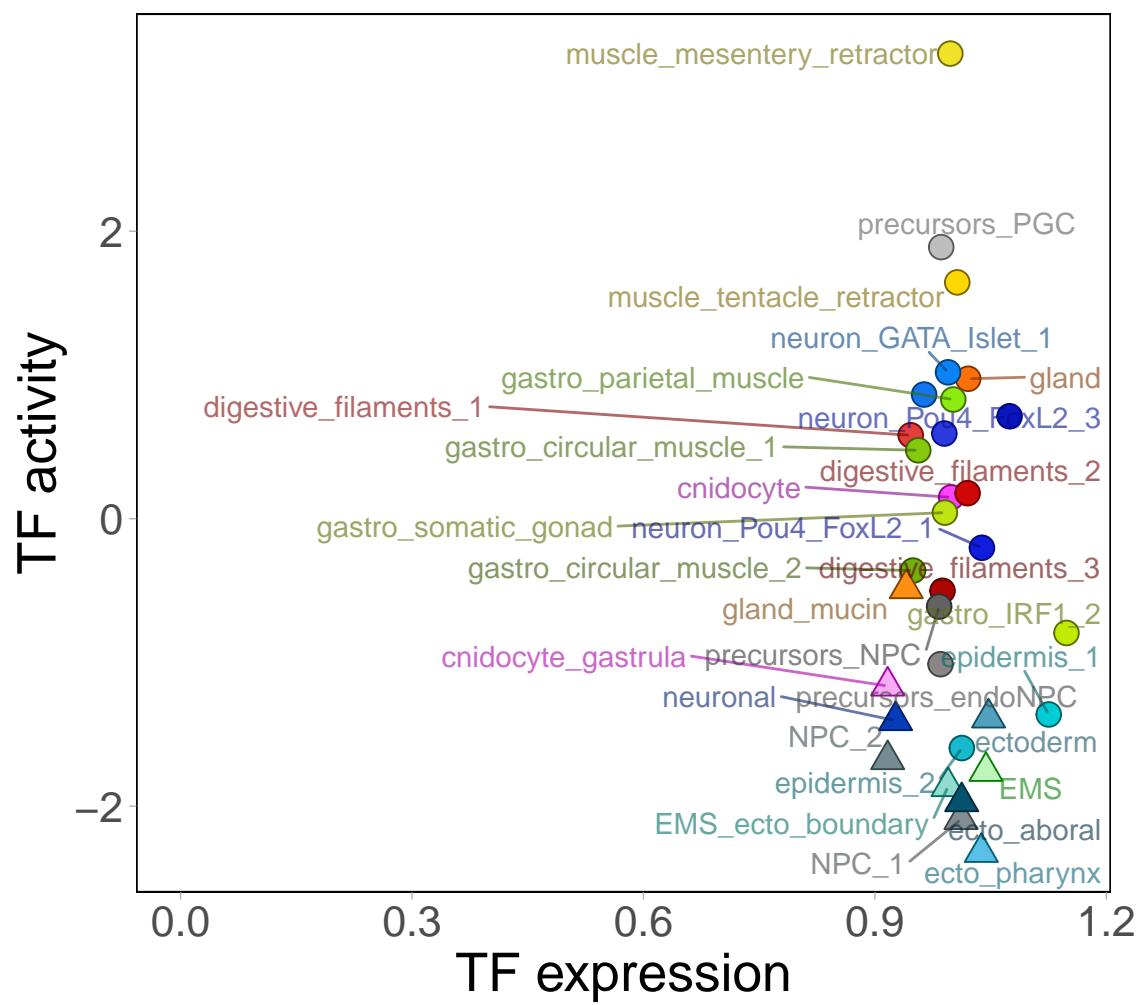
gene score correlation: 0.3873



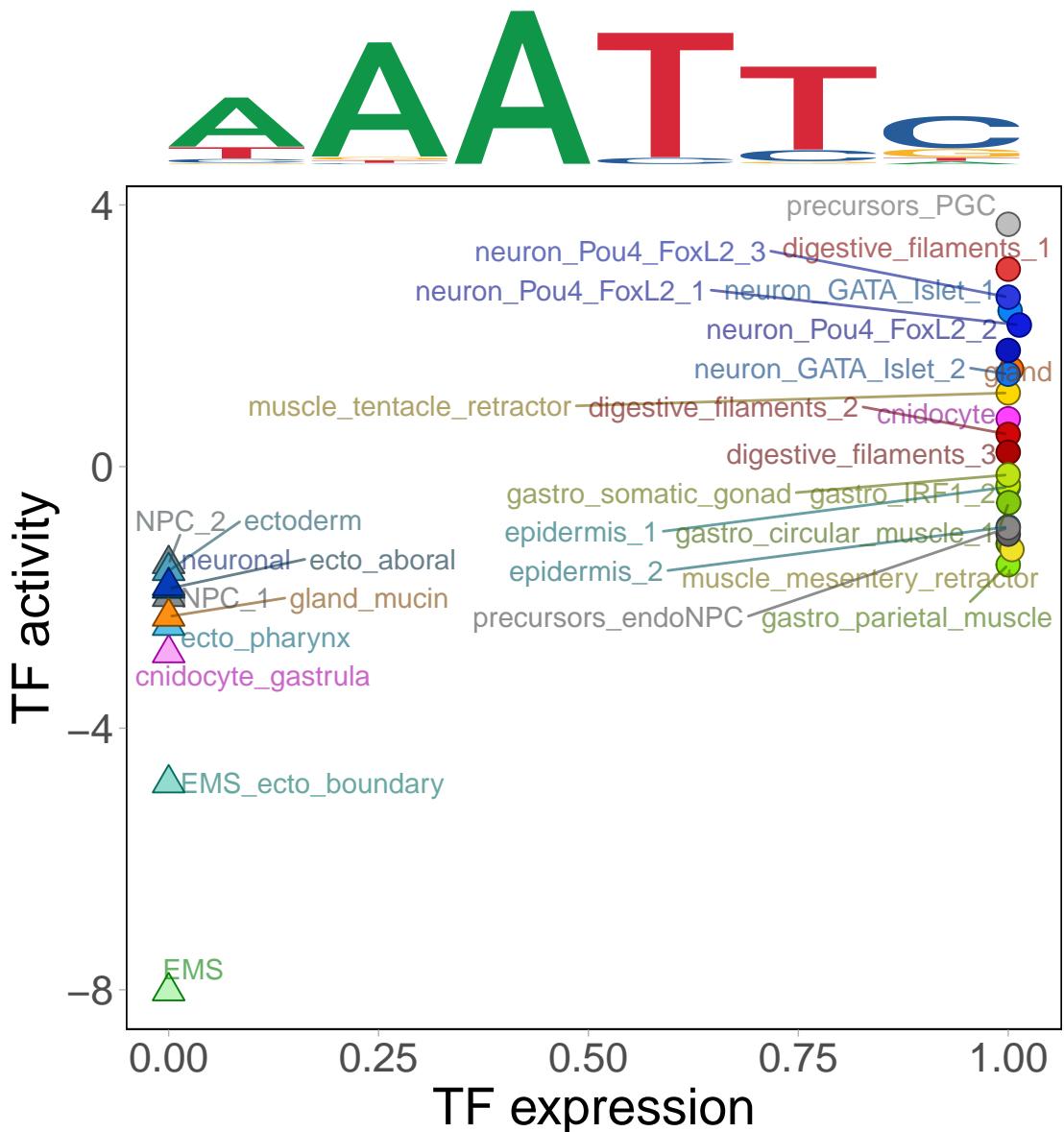
Nvec_vc1.1_XM_001627792.3
OG: Forkhead.HG1.12:FOXN1/FOXN4/
PFAM: Forkhead
motif: M04857_2.00
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2421
gene score correlation: -0.0847



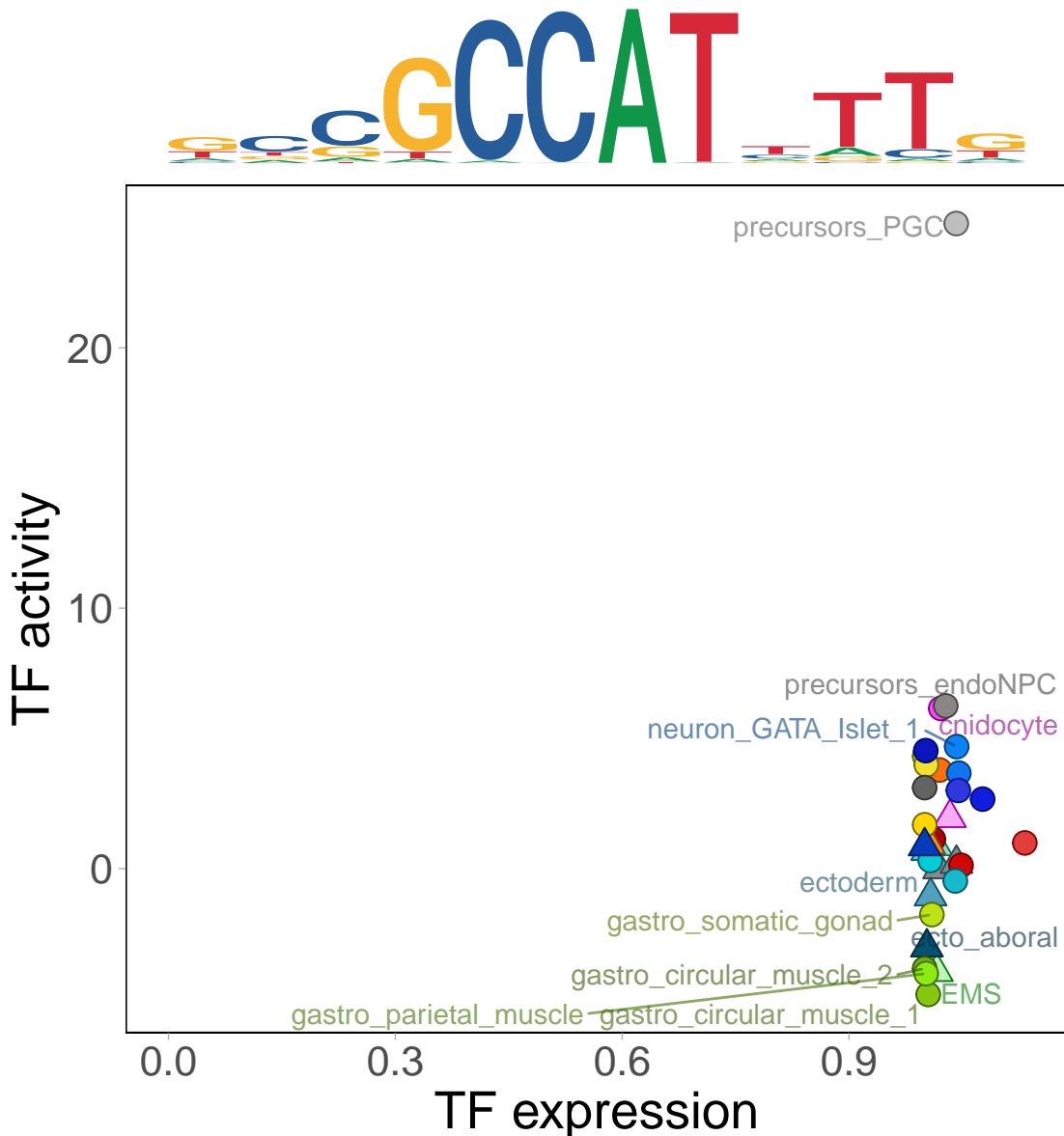
Nvec_vc1.1_XM_001627907.3
OG: zf-C2H2.HG1.8:ZNF18/ZNF513/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 50
gene expression correlation: -0.0932
gene score correlation: 0.6801



Nvec_vc1.1_XM_001628041.3
OG: HMGbox_Sox.HG1.24:HMGB1/HM
PFAM: HMG_box_2/HMG_box
motif: ARCH76_CES-1_PB0171.1_Sc
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 63
gene expression correlation: 0.7020
gene score correlation: 0.4808



Nvec_vc1.1_XM_001628045.2
OG: zf-C2H2.HG2.4:MTF1/ZNF76/ZNF
PFAM: zf-C2H2/zf-C2H2
motif: ARCH1256_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.2079
gene score correlation: 0.6019



Nvec_vc1.1_XM_001628278.3

OG: HLH.HG1.75:like:ATOH8

PFAM: HLH

motif: ARCH144_BHLHE23

TF family: HLH

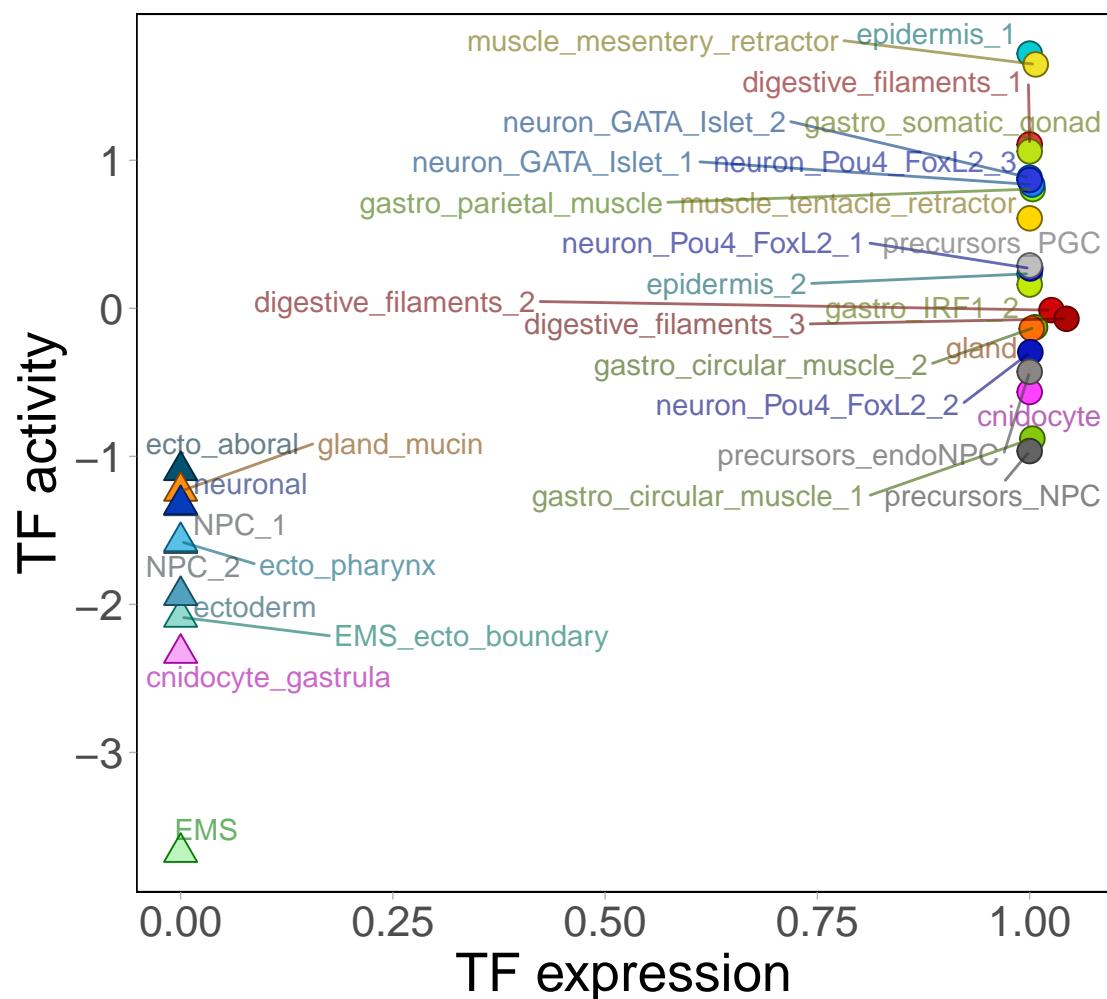
archetype family: HLH

CisBP assigned: FALSE

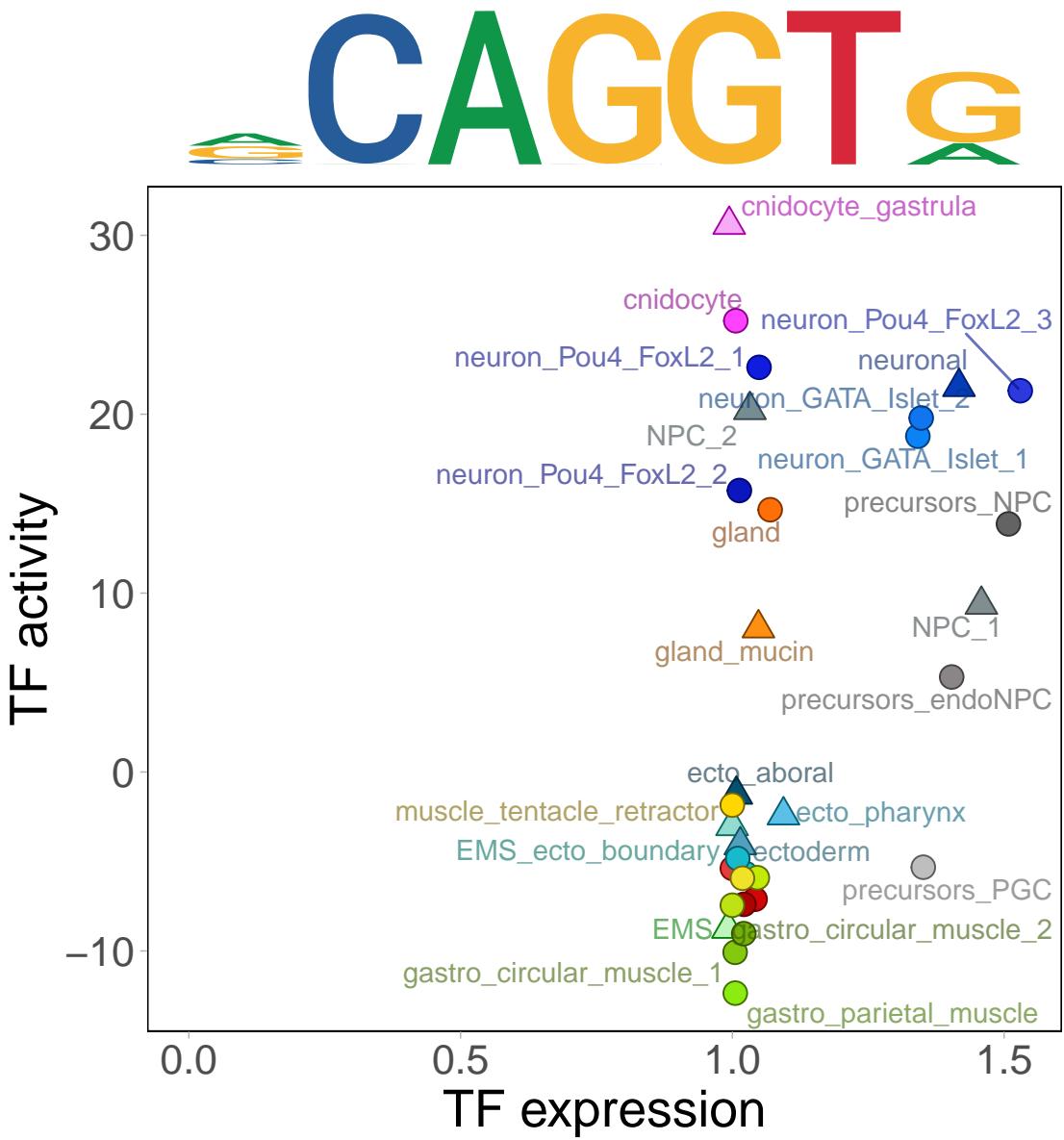
rank: 716

gene expression correlation: 0.8053

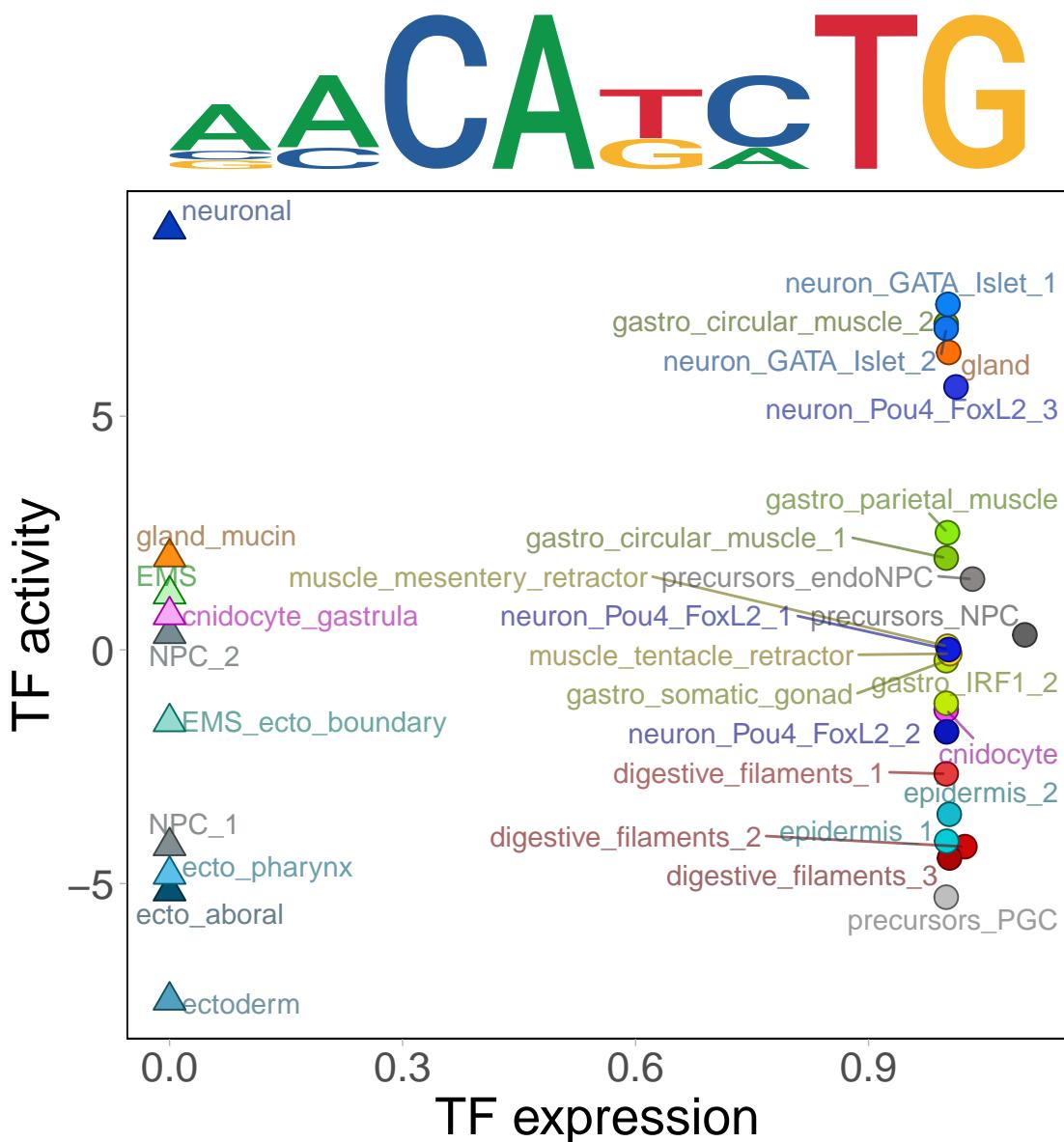
gene score correlation: 0.1069



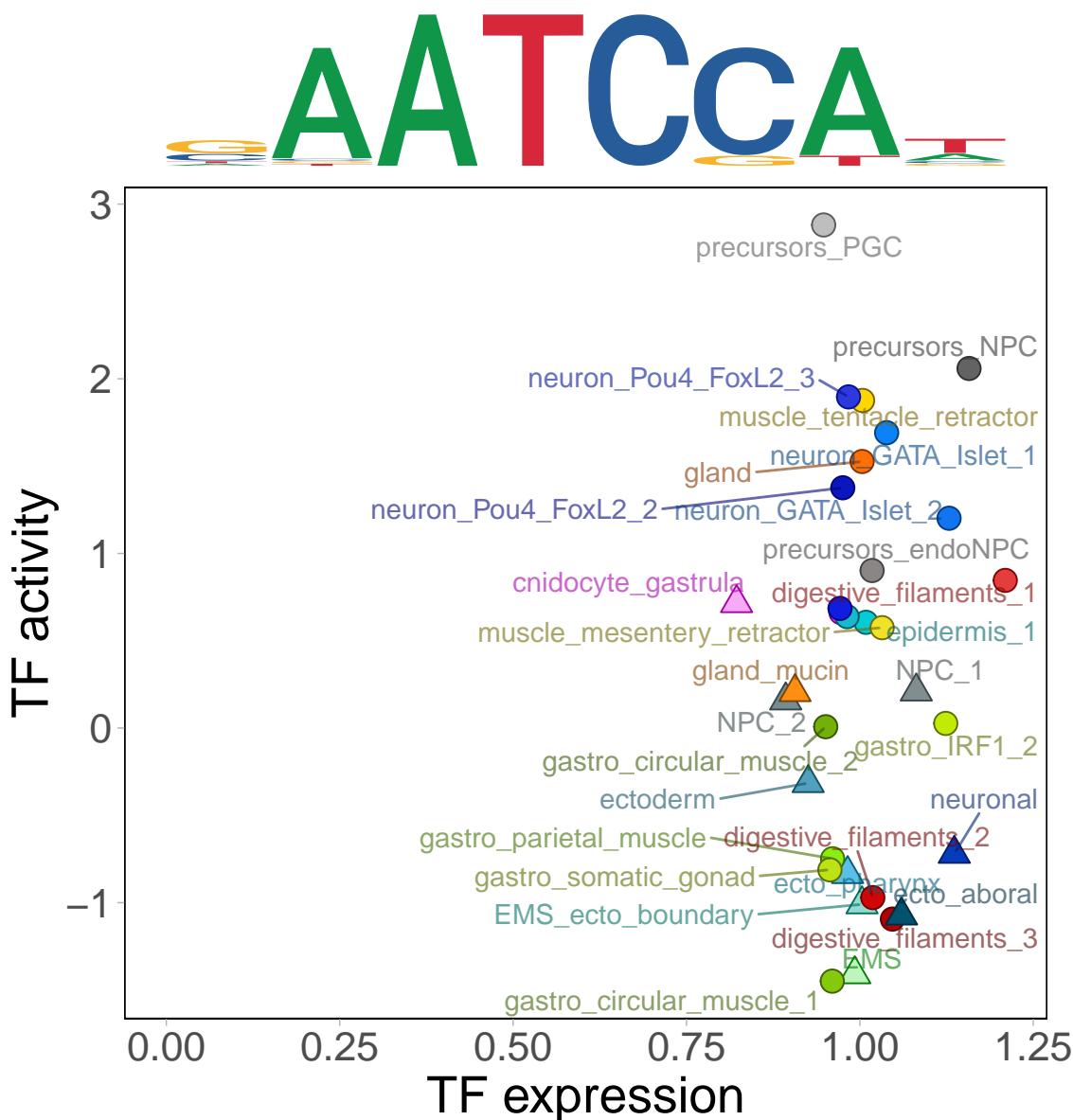
Nvec_vc1.1_XM_001628279.3
OG: HLH.HG1.76:ATOH8
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.4179
gene score correlation: 0.5159



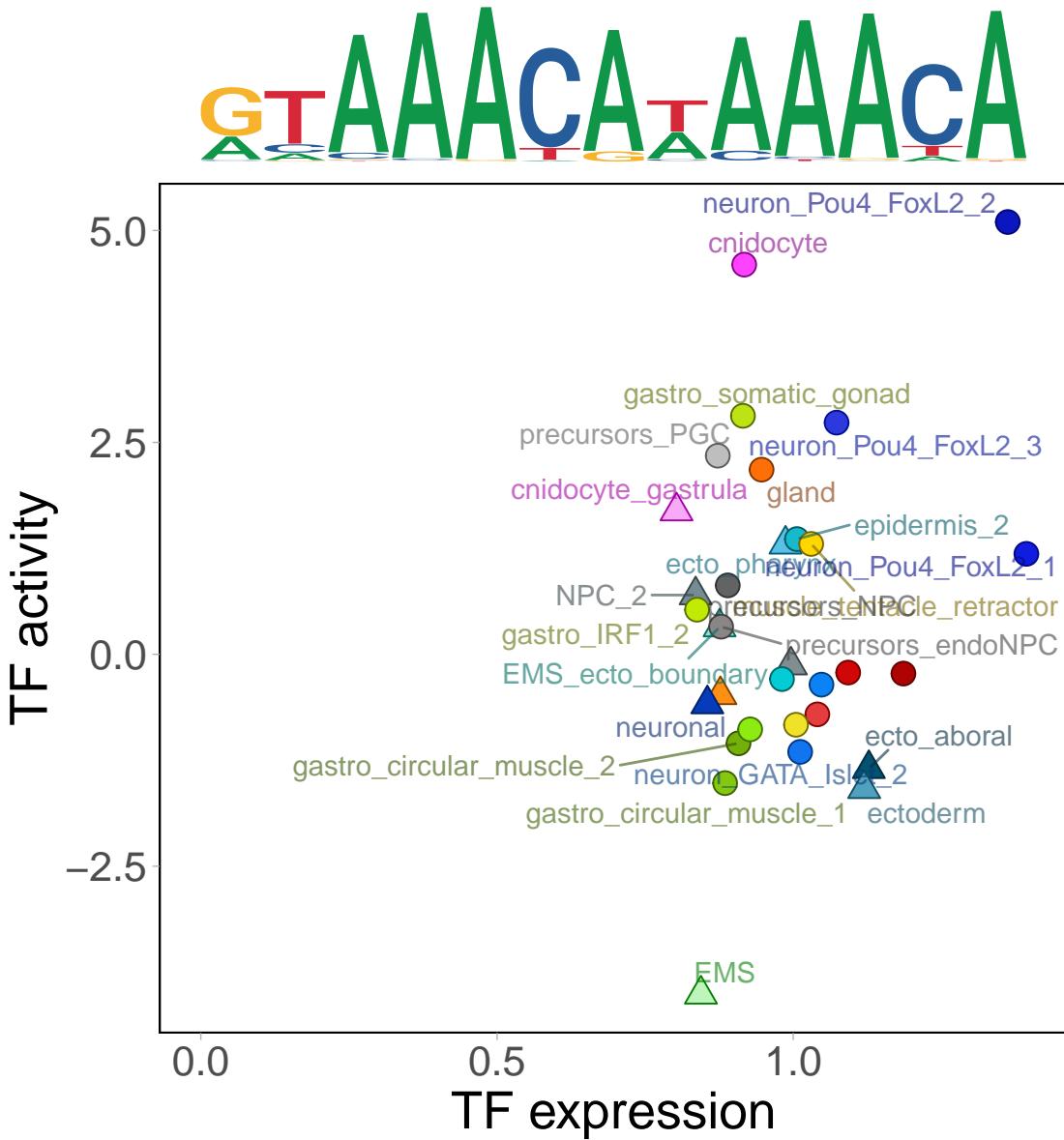
Nvec_vc1.1_XM_001628300.3
OG: HLH.HG1.84:NEUROG1/NEUROG
PFAM: HLH
motif: M00588_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1651
gene score correlation: 0.2105



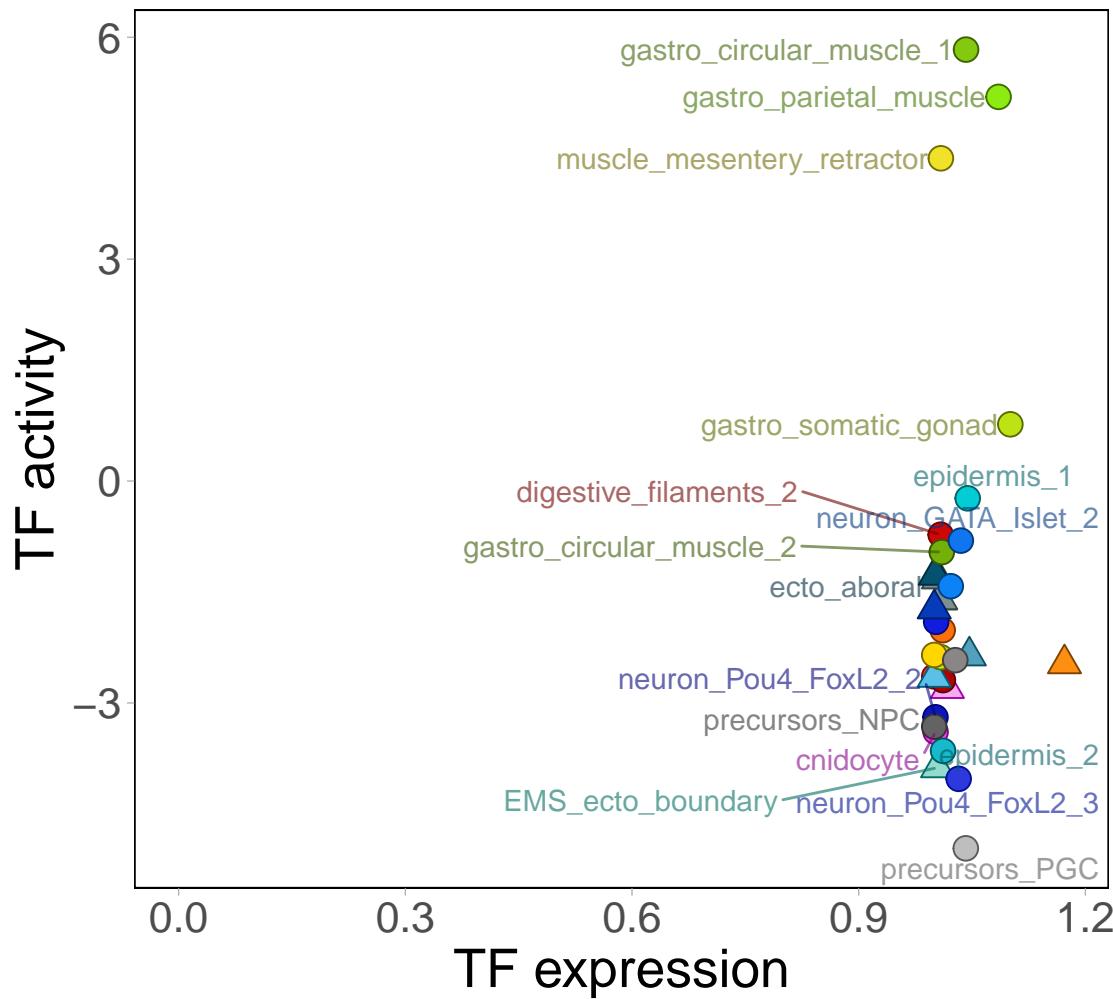
Nvec_vc1.1_XM_001628318.3
OG: Myb.HG2.2:NA
PFAM: MADF_DNA_bdg
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 101
gene expression correlation: 0.0769
gene score correlation: 0.5404



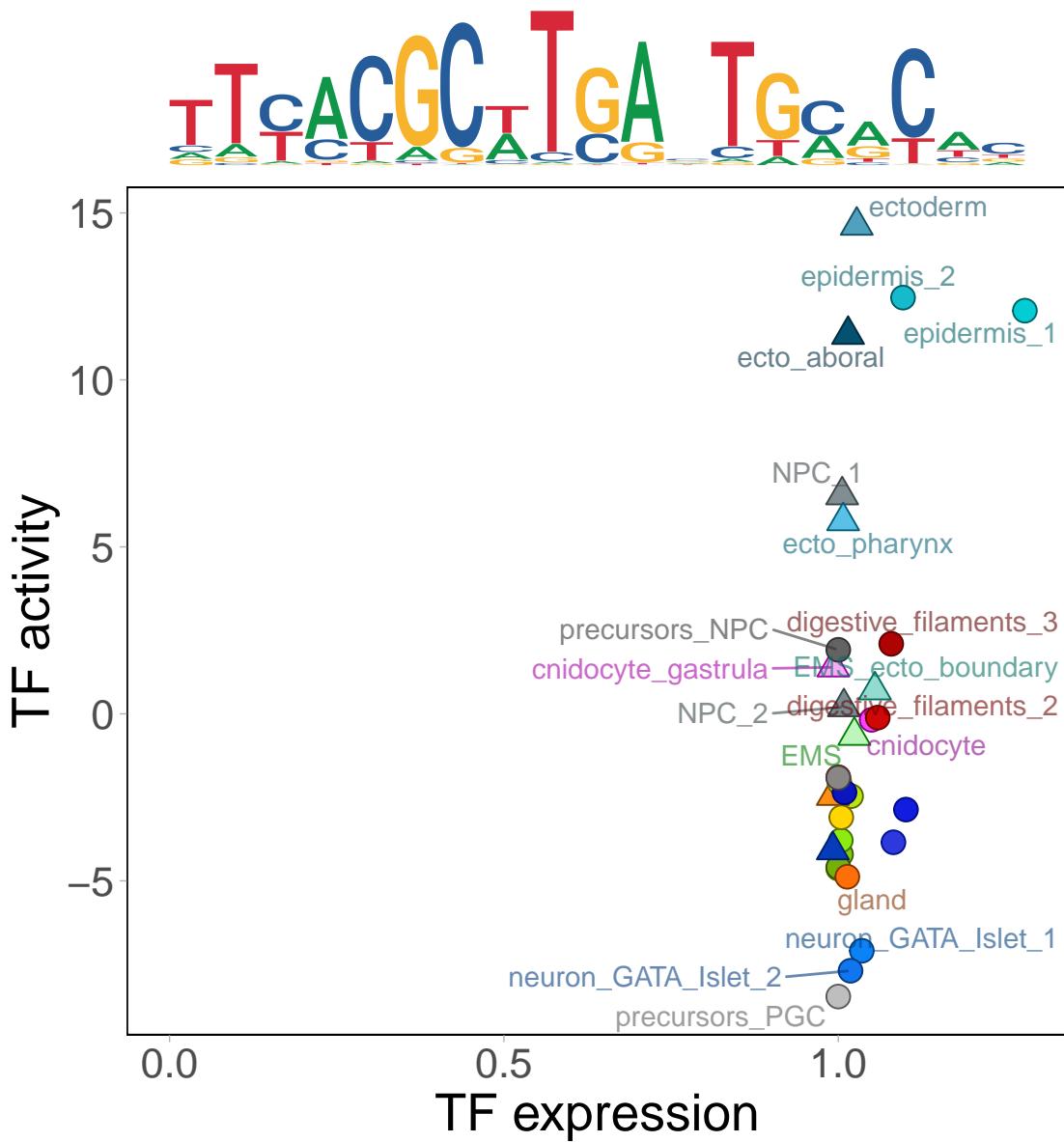
Nvec_vc1.1_XM_001628319.3
OG: Forkhead.HG1.25:FOXJ2/FOXJ3
PFAM: Forkhead
motif: M03058_2.00
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.2020
gene score correlation: -0.1906



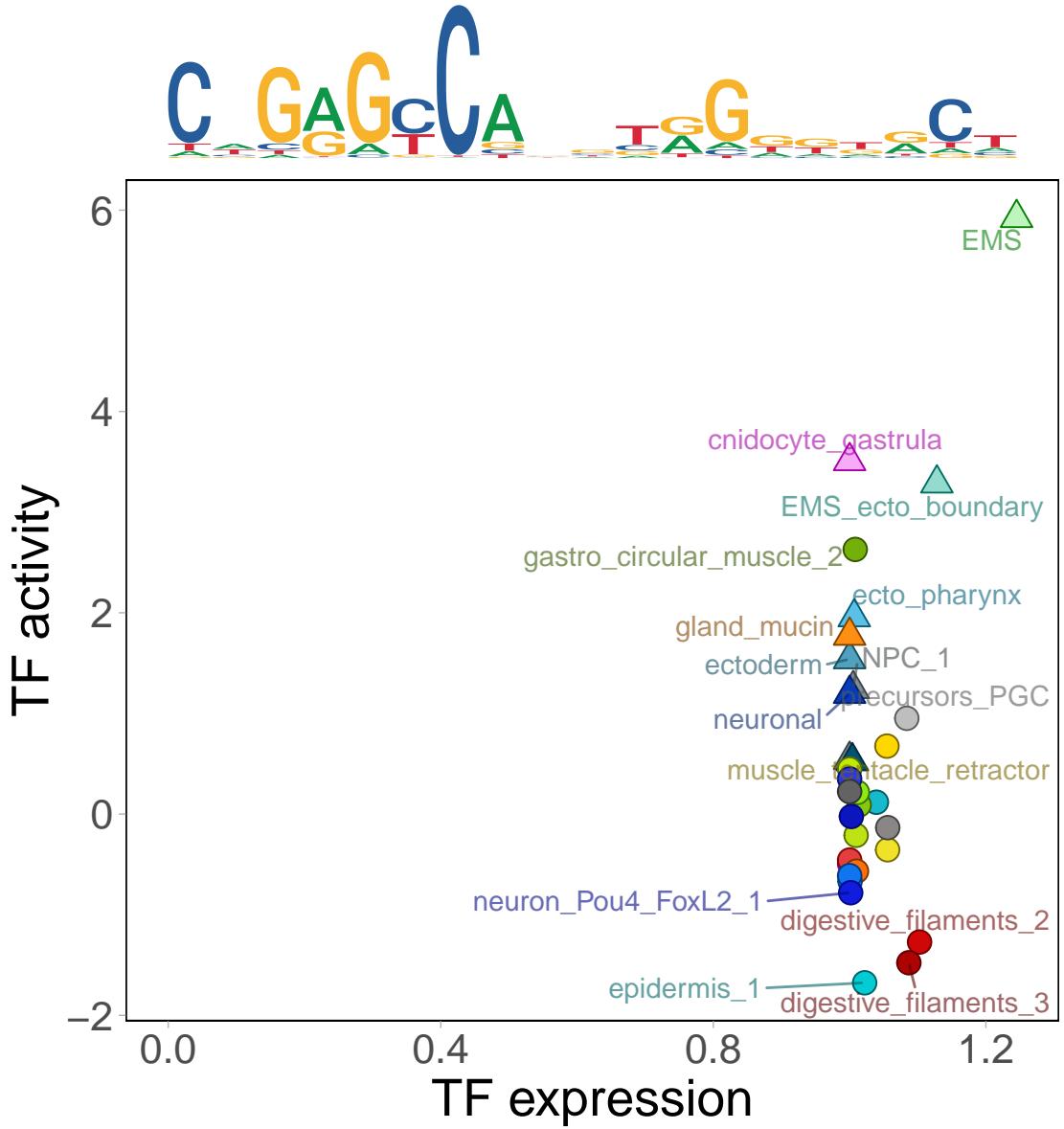
Nvec_vc1.1_XM_001628481.3
OG: Homeodomains.HG1.72:like:NOTO
PFAM: Homeodomain
motif: ARCH1544_Nkx2–2/Nkx2–9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 297
gene expression correlation: 0.2570
gene score correlation: 0.3755



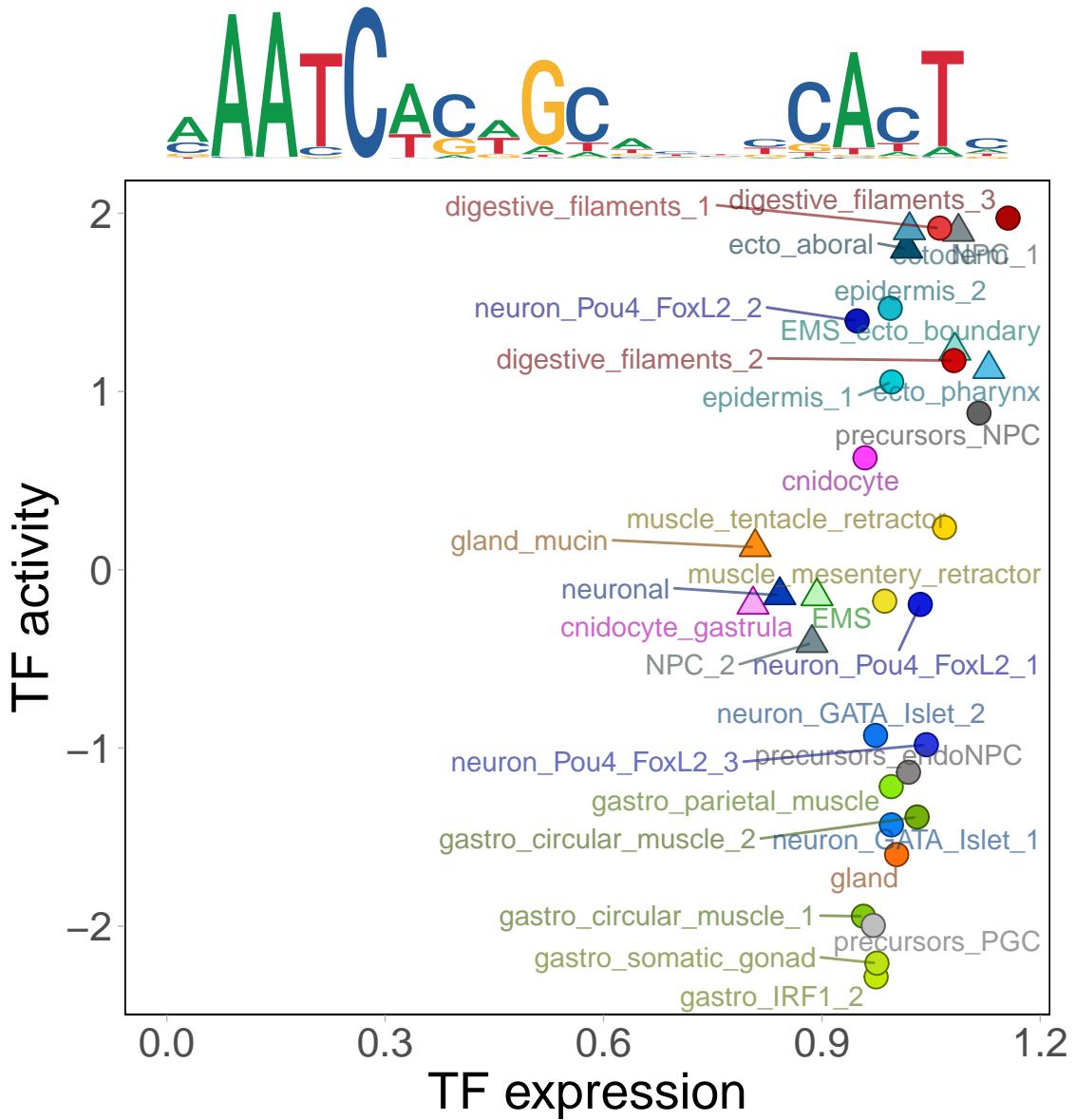
Nvec_vc1.1_XM_001628634.3
OG: Homeodomains.HG2.28:PAX3/PAX
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4342
gene score correlation: 0.4179



Nvec_vc1.1_XM_001628645.3
OG: zf-C2H2.HG1.88:MYNN
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-H
motif: ARCH923_Zfp239//Zfp942/Zfp9...
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 29
gene expression correlation: 0.4495
gene score correlation: 0.3744



Nvec_vc1.1_XM_001628705.3
OG: zf-C2H2.HG1.119:PRDM4
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 996
gene expression correlation: 0.3584
gene score correlation: 0.0629



Nvec_vc1.1_XM_001628946.3

OG: bZIP.HG1.19:ATF6/ATF6B

PFAM: bZIP_1

motif: M04043_2.00

TF family: bZIP

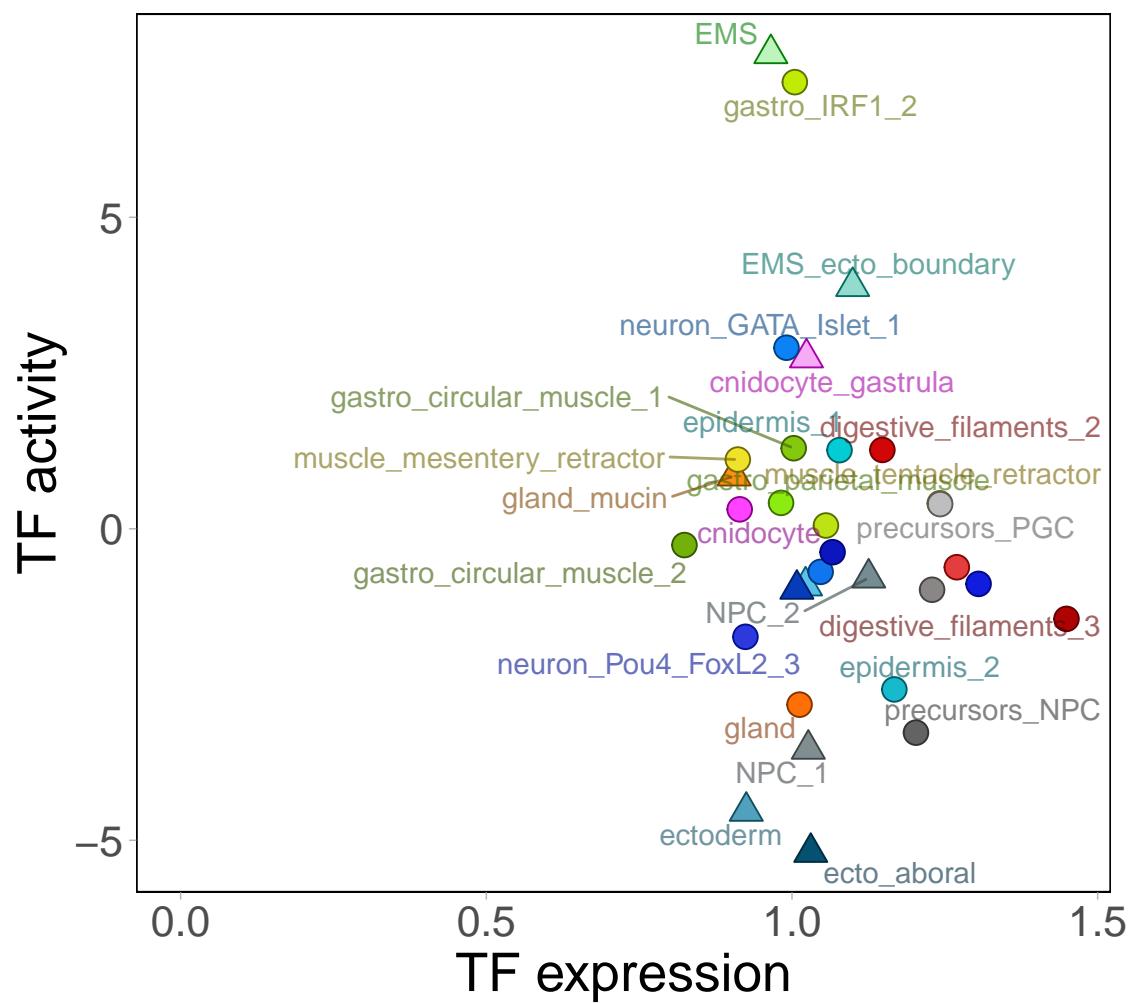
archetype family: bZIP

CisBP assigned: FALSE

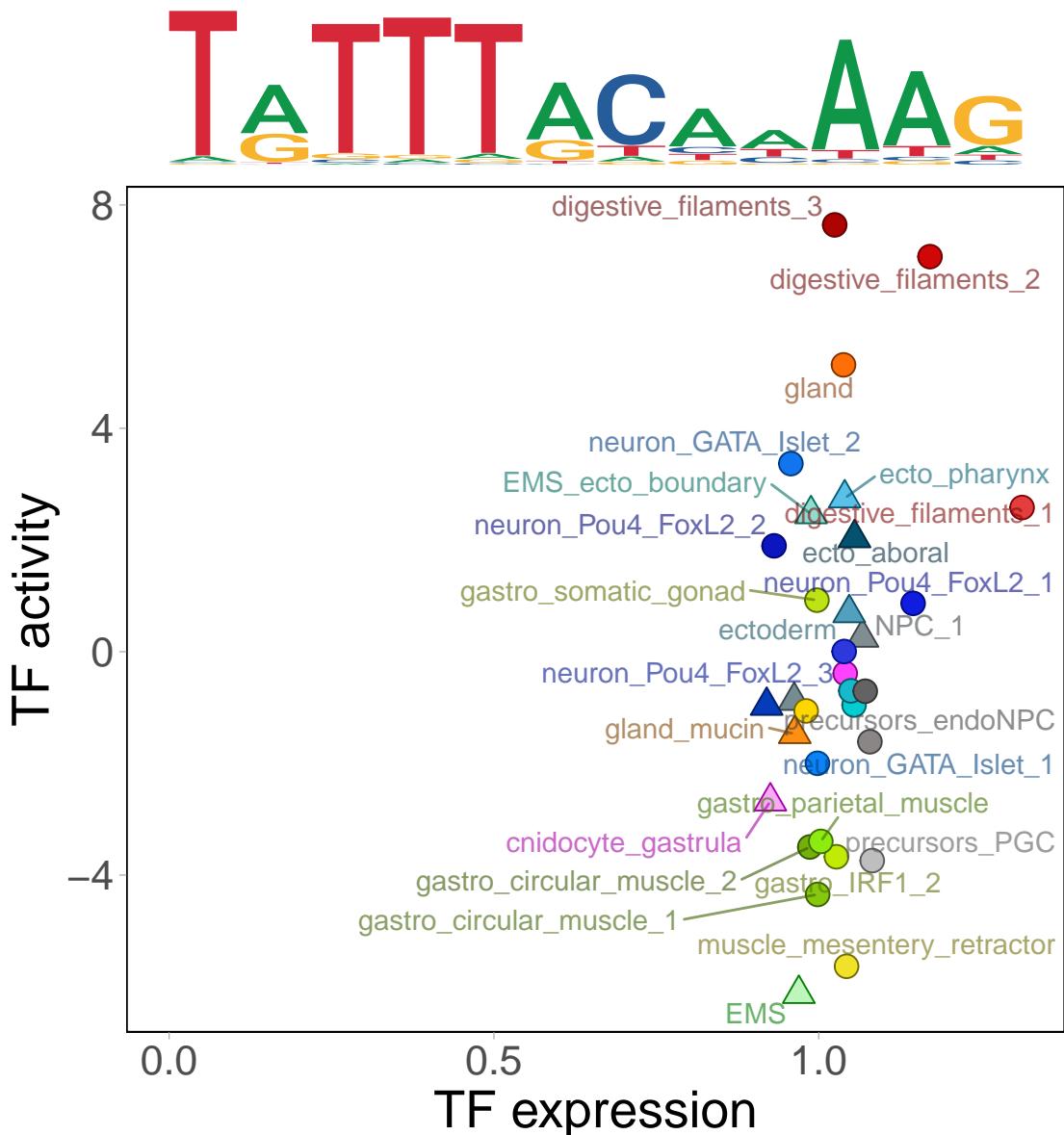
rank: 0

gene expression correlation: -0.1585

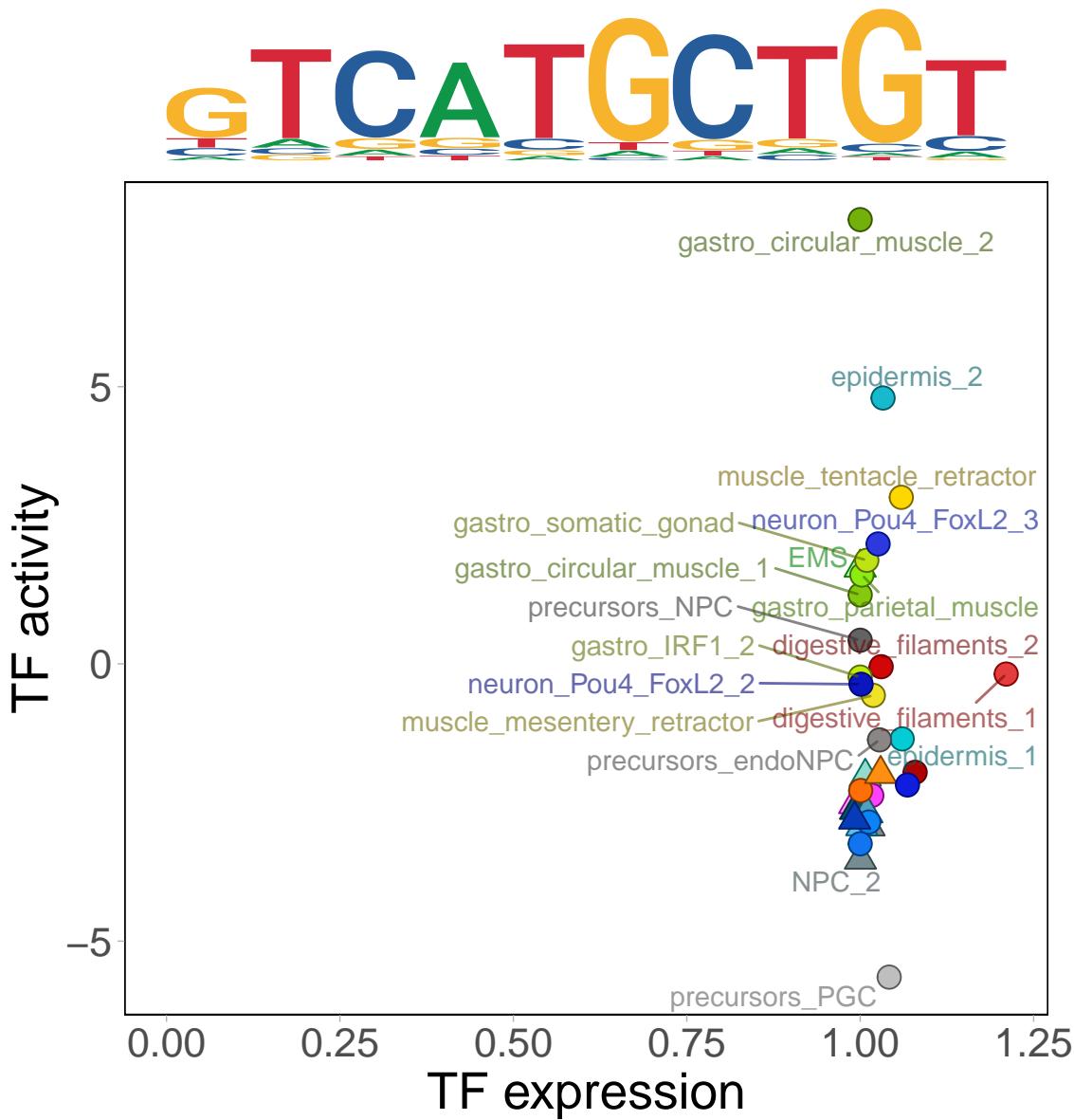
gene score correlation: -0.3593



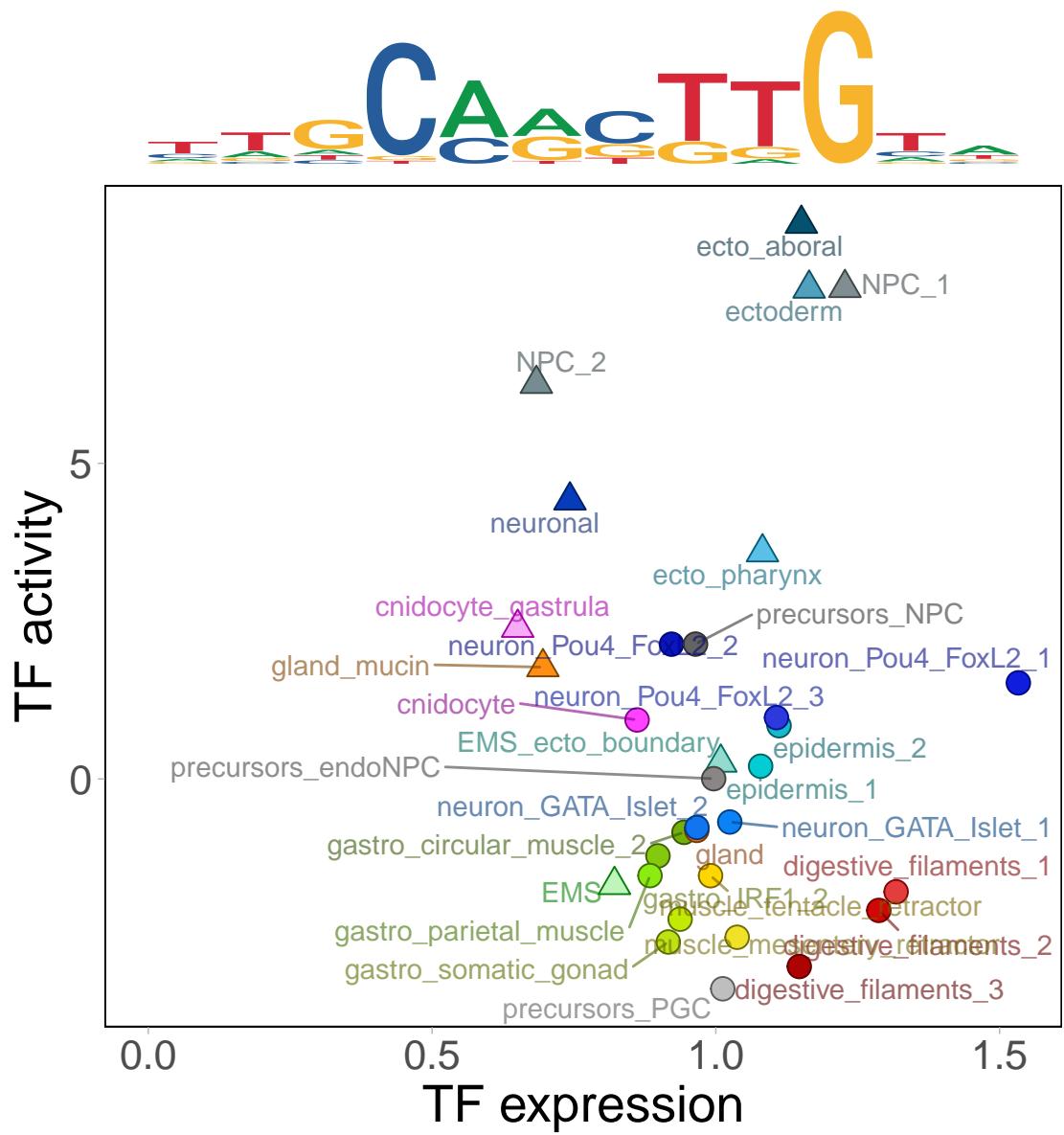
Nvec_vc1.1_XM_001628964.3
OG: Forkhead.HG1.23:FOXK1/FOXK2
PFAM: FHA/Forkhead
motif: ARCH1003_Foxa3/Foxa1/Foxa2_
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 130
gene expression correlation: 0.3012
gene score correlation: 0.0175



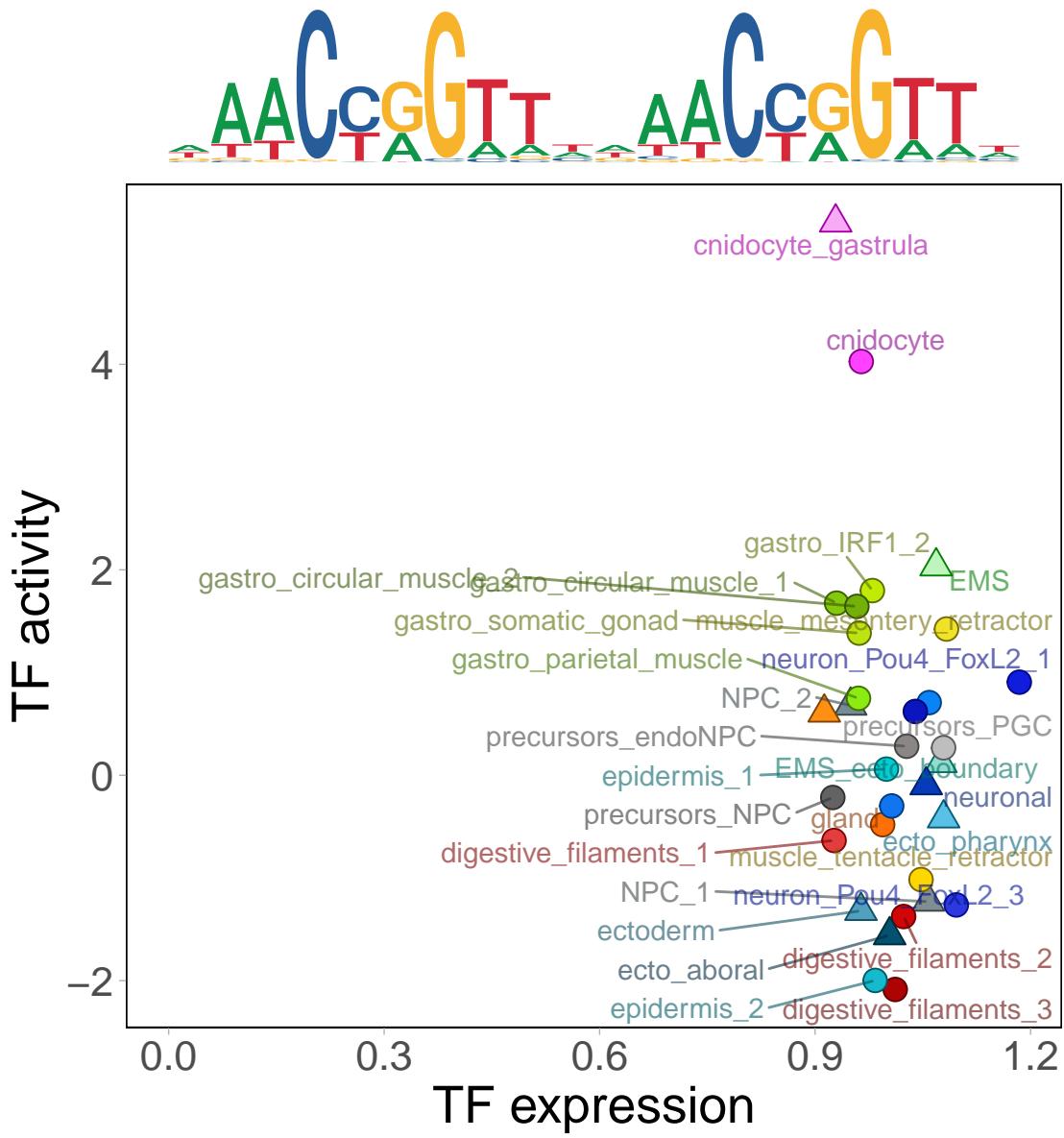
Nvec_vc1.1_XM_001628971.3
OG: zf-C2H2.HG1.87:like:AC008758.1/
PFAM: zf-met/zf-C2H2/zf-C2H2_4/zf-C2H2
motif: ARCH804_PB0207.1_Zic3_2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.0261
gene score correlation: 0.3932



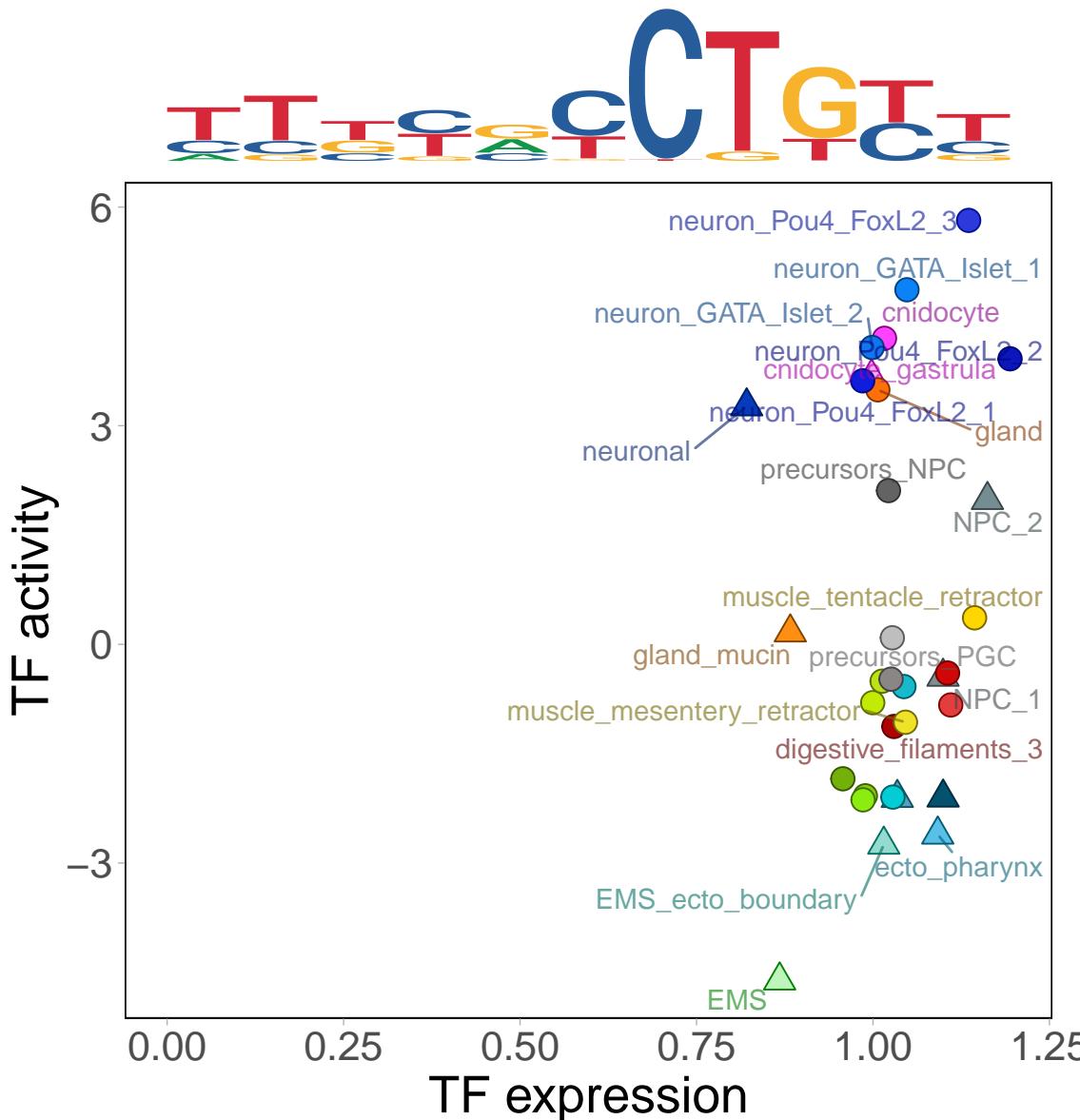
Nvec_vc1.1_XM_001629480.3
OG: HLH.HG1.0:AC019117.4/AHR/AHF
PFAM: HLH/PAS/PAS_11
motif: ARCH473_bHLH80_ZSCAN4
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 454
gene expression correlation: 0.0025
gene score correlation: 0.3991



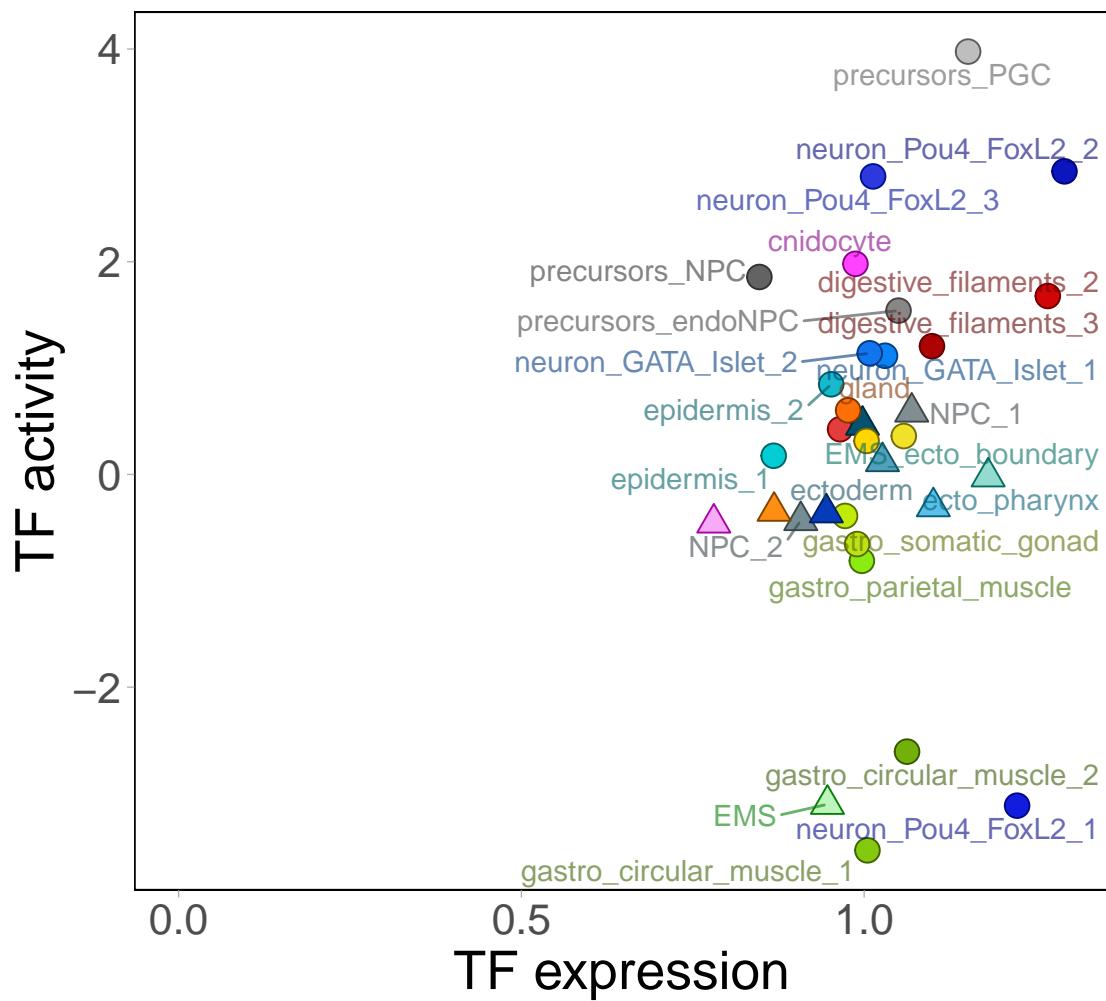
Nvec_vc1.1_XM_001629572.3
OG: Grainyhead_LSF.HG1.0:TFCP2/TF
PFAM: CP2/SAM_3
motif: M03769_2.00
TF family: Grainyhead_LSF
archetype family: Grainyhead_LSF
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.2198
gene score correlation: 0.0414



Nvec_vc1.1_XM_001629605.3
OG: SMAD_MH1.HG1.2:like:SMAD4
PFAM: MH1/MH1/zf-HC5HC2H_2/PHD
motif: ARCH662_Smad4
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 561
gene expression correlation: 0.1545
gene score correlation: 0.3355



Nvec_vc1.1_XM_001630131.3
OG: ARID_BRIGHT.HG1.2:ARID4A/AR
PFAM: RBB1NT/ARID/Tudor-knot
motif: ARCH64_Arid2_Arid3c/Arid3a/...
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: FALSE
rank: 62
gene expression correlation: 0.1895
gene score correlation: 0.5215



Nvec_vc1.1_XM_001630333.3

OG: Myb.HG1.0:CDC5L

PFAM: Myb_DNA-bind_6/Myb_Cef

motif: M11049_2.00

TF family: Myb

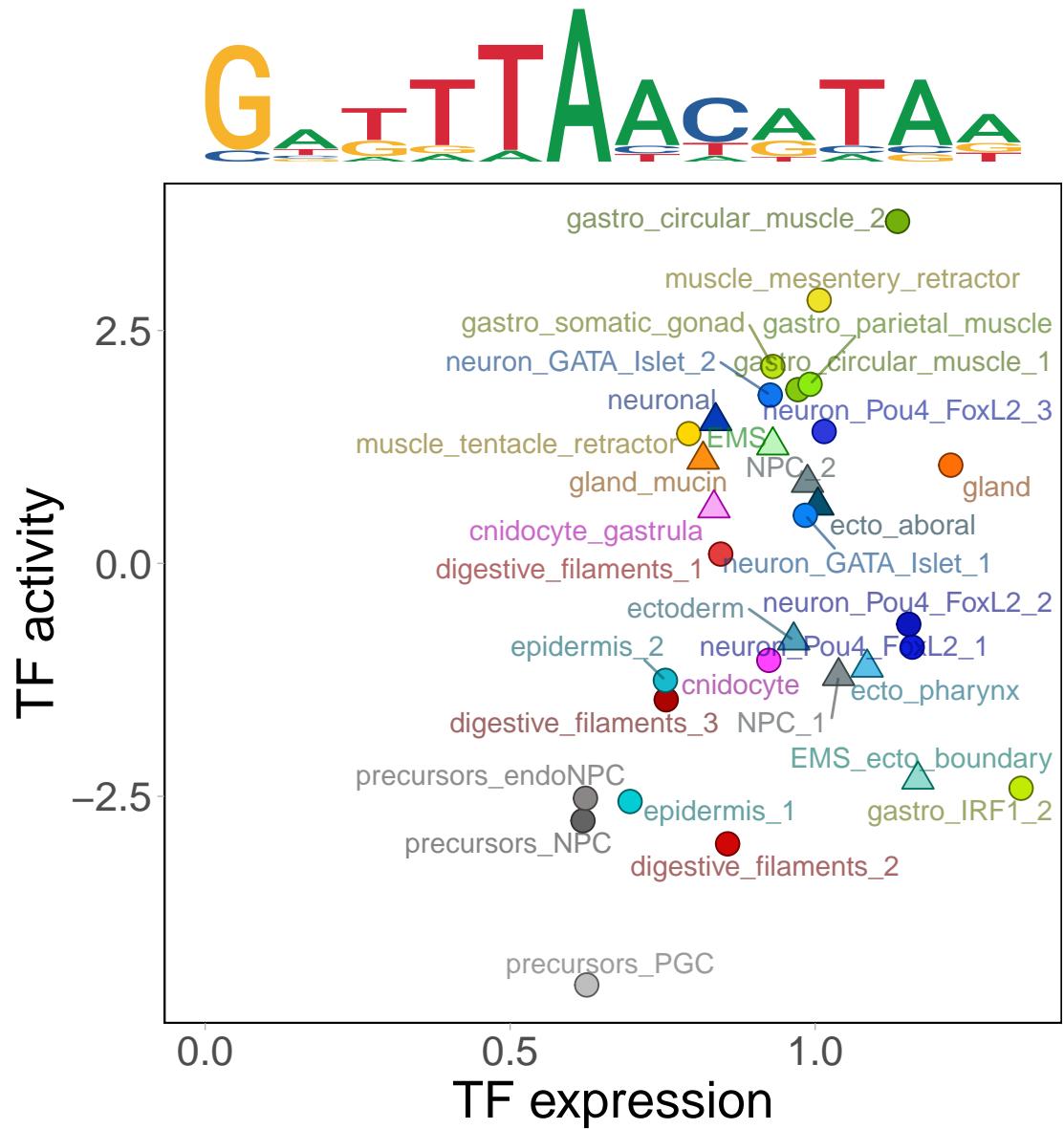
archetype family: Myb

CisBP assigned: TRUE

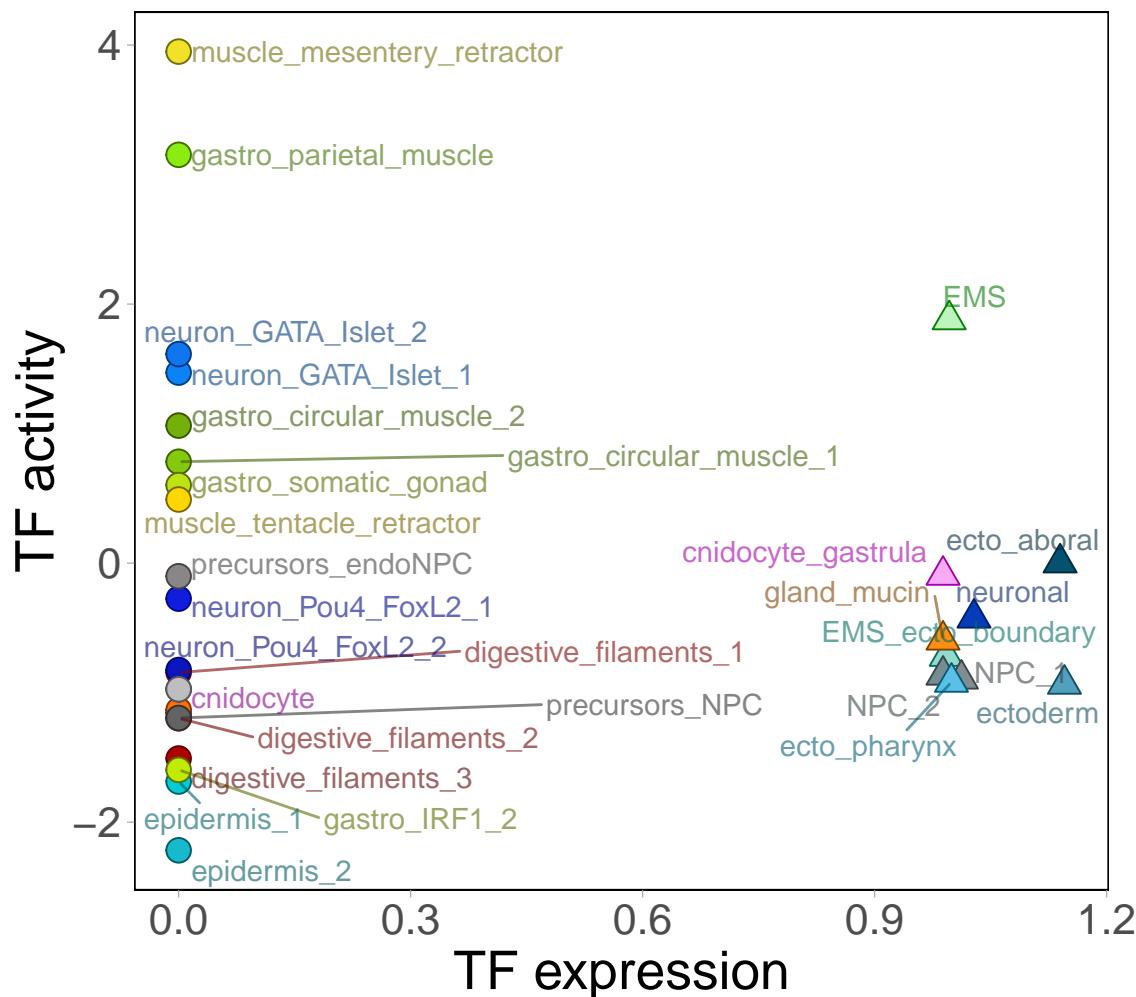
rank: 0

gene expression correlation: 0.3063

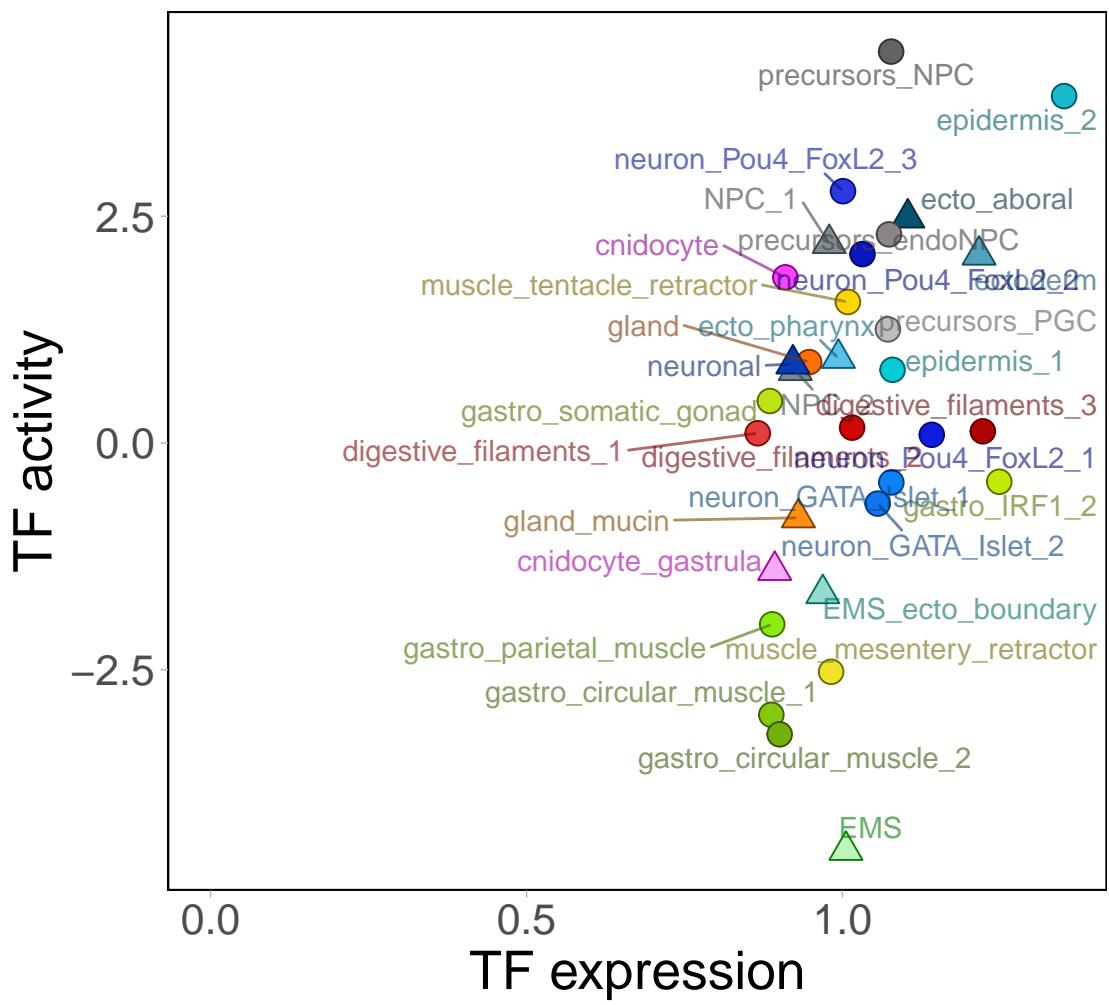
gene score correlation: -0.4189



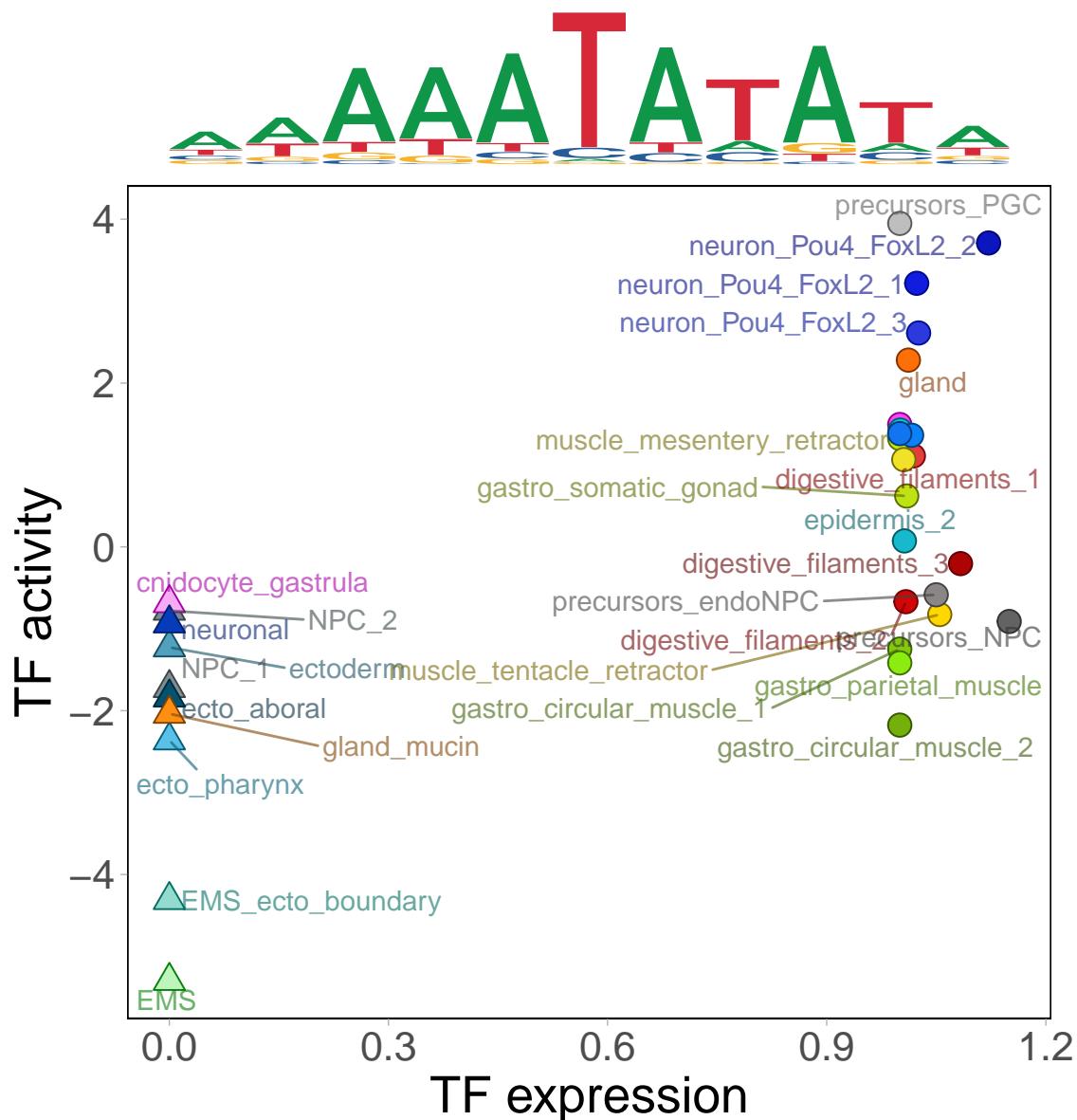
Nvec_vc1.1_XM_001630356.3
OG: GATA.HG1.4:ZGLP1
PFAM: GATA
motif: ARCH1449_Gata3/Gata1/Gata2
TF family: GATA
archetype family: GATA
CisBP assigned: FALSE
rank: 587
gene expression correlation: -0.0825
gene score correlation: -0.0864



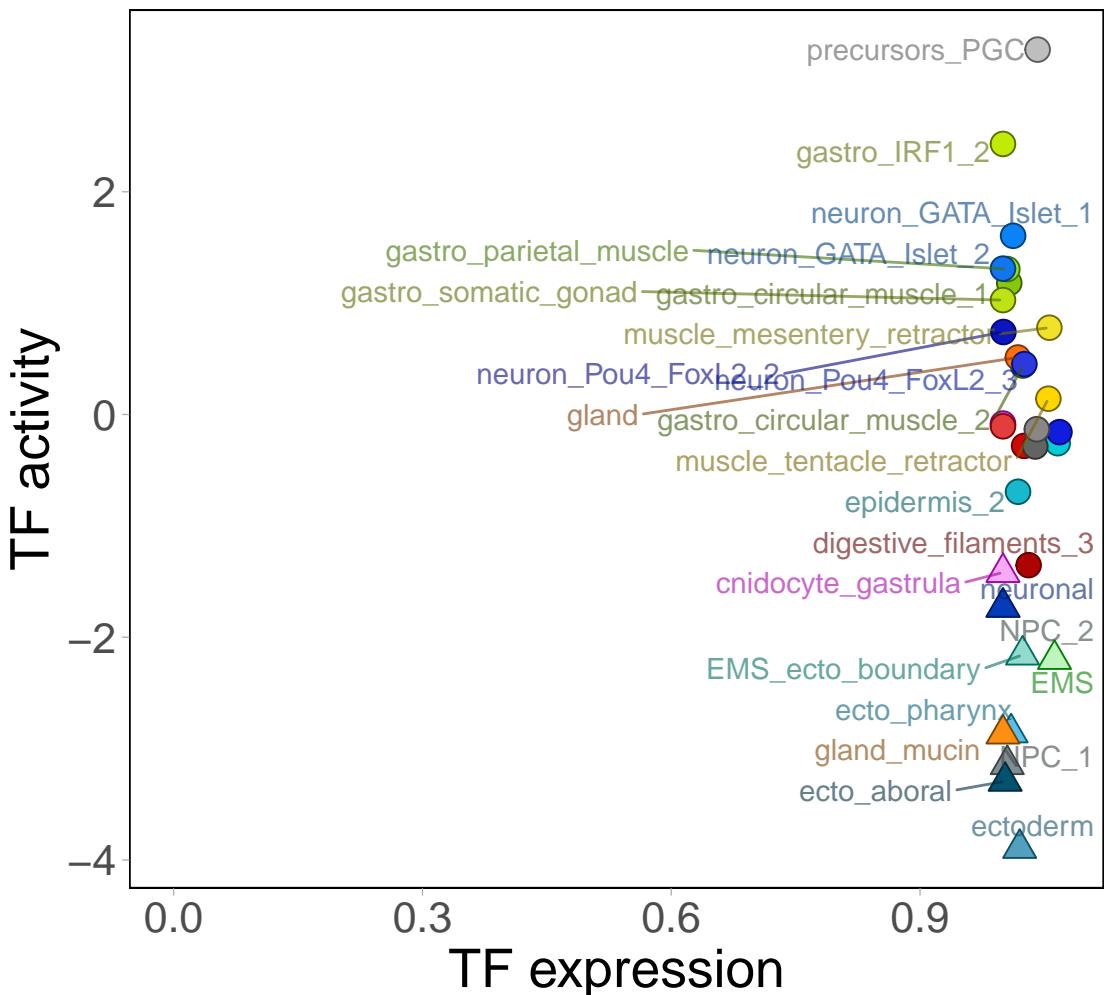
Nvec_vc1.1_XM_001630363.3
OG: Forkhead.HG1.29:FOXO1/FOXO3/
PFAM: Forkhead/FOXO-TAD
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4145
gene score correlation: 0.5239



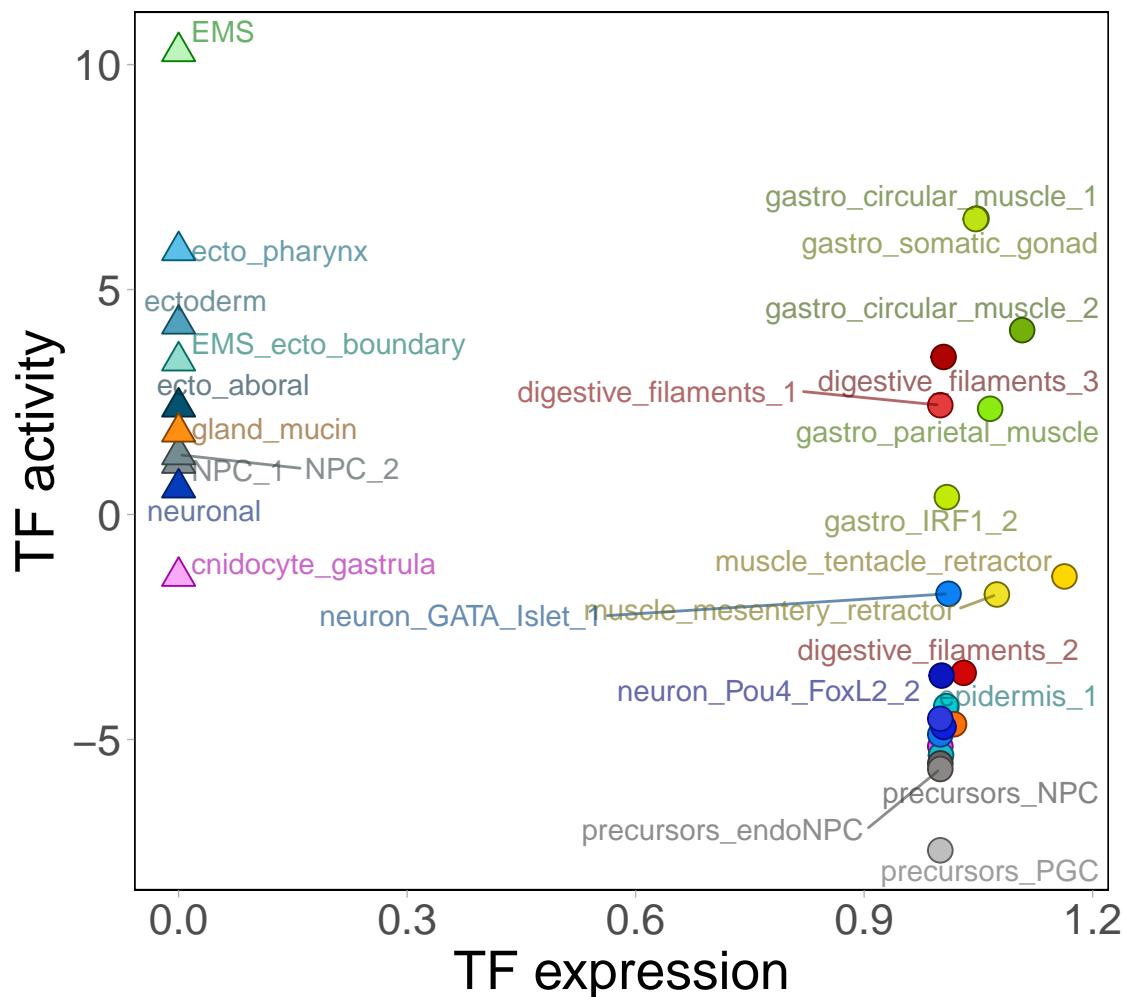
Nvec_vc1.1_XM_001630519.3
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 127
gene expression correlation: 0.6429
gene score correlation: 0.1103



Nvec_vc1.1_XM_001630559.3
OG: zf-C2H2.HG19.0:ZNF496
PFAM: zf-C2H2/zf-C2H2_4/zf-C2H2/zf-C2H2_1
motif: ARCH1274_ZNF528
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 311
gene expression correlation: 0.0898
gene score correlation: 0.3889



Nvec_vc1.1_XM_001630676.3
OG: Homeodomains.HG2.68:like:ARX/O
PFAM: Homeodomain
motif: Nvec_vc1.1_XM_001630676.3_H
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.4699
gene score correlation: 0.4607



Nvec_vc1.1_XM_001630974.3

OG: Myb.HG1.23:TERB1/TERF2

PFAM: Myb_DNA-binding

motif: ARCH1391_MYB113

TF family: Myb

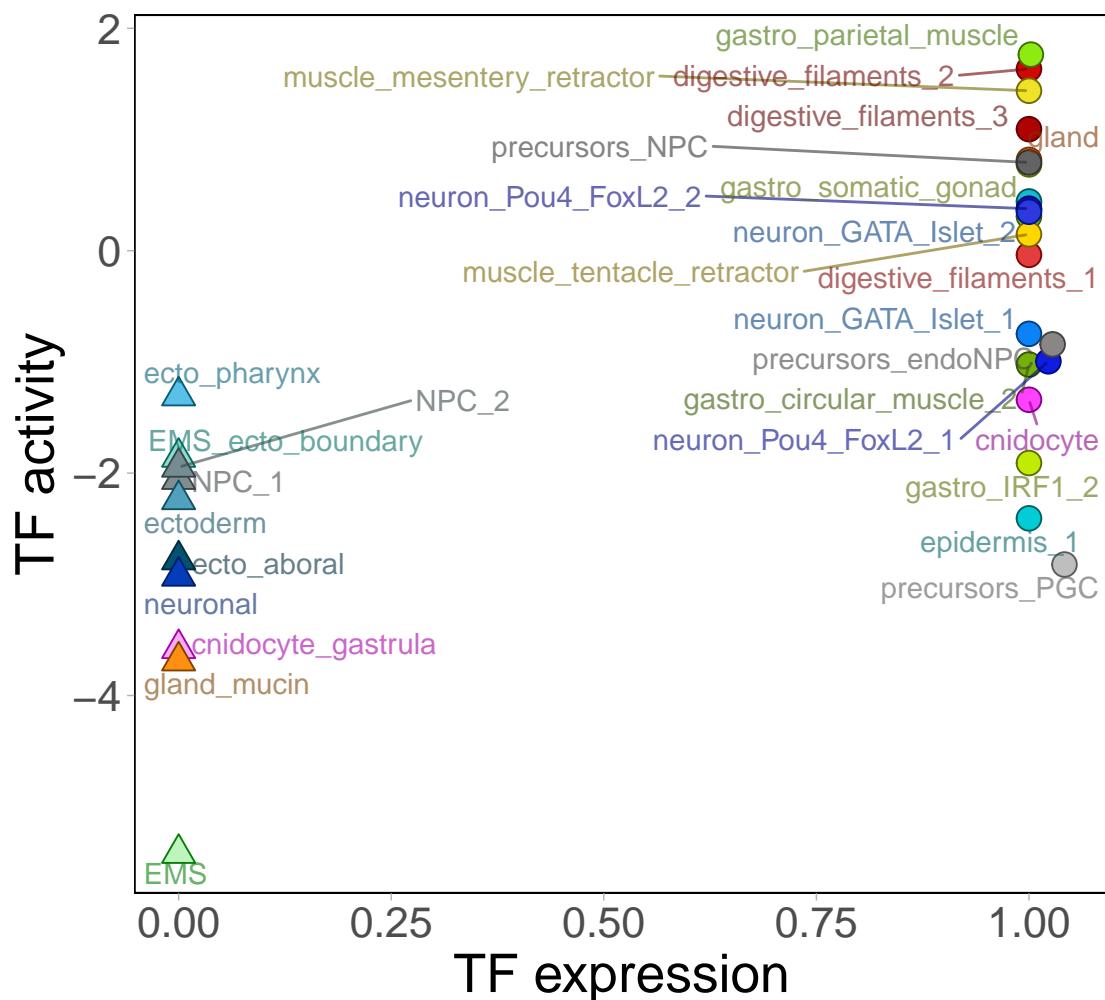
archetype family: Myb

CisBP assigned: FALSE

rank: 609

gene expression correlation: 0.7120

gene score correlation: 0.1823



Nvec_vc1.1_XM_001631093.3

OG: bZIP.HG1.17:ATF3/JDP2

PFAM: bZIP_1

motif: ARCH947_Creb3I2/Creb3I1

TF family: bZIP

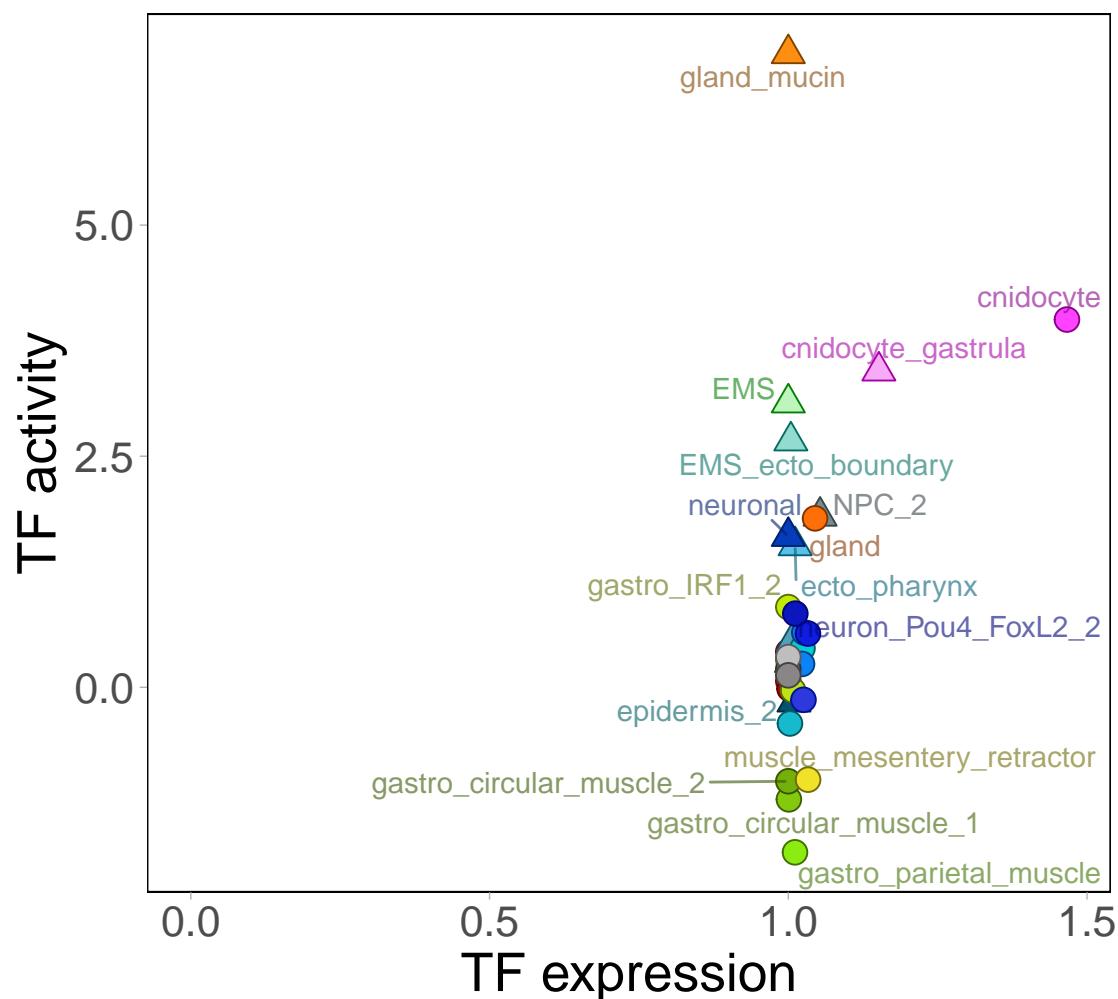
archetype family: bZIP

CisBP assigned: FALSE

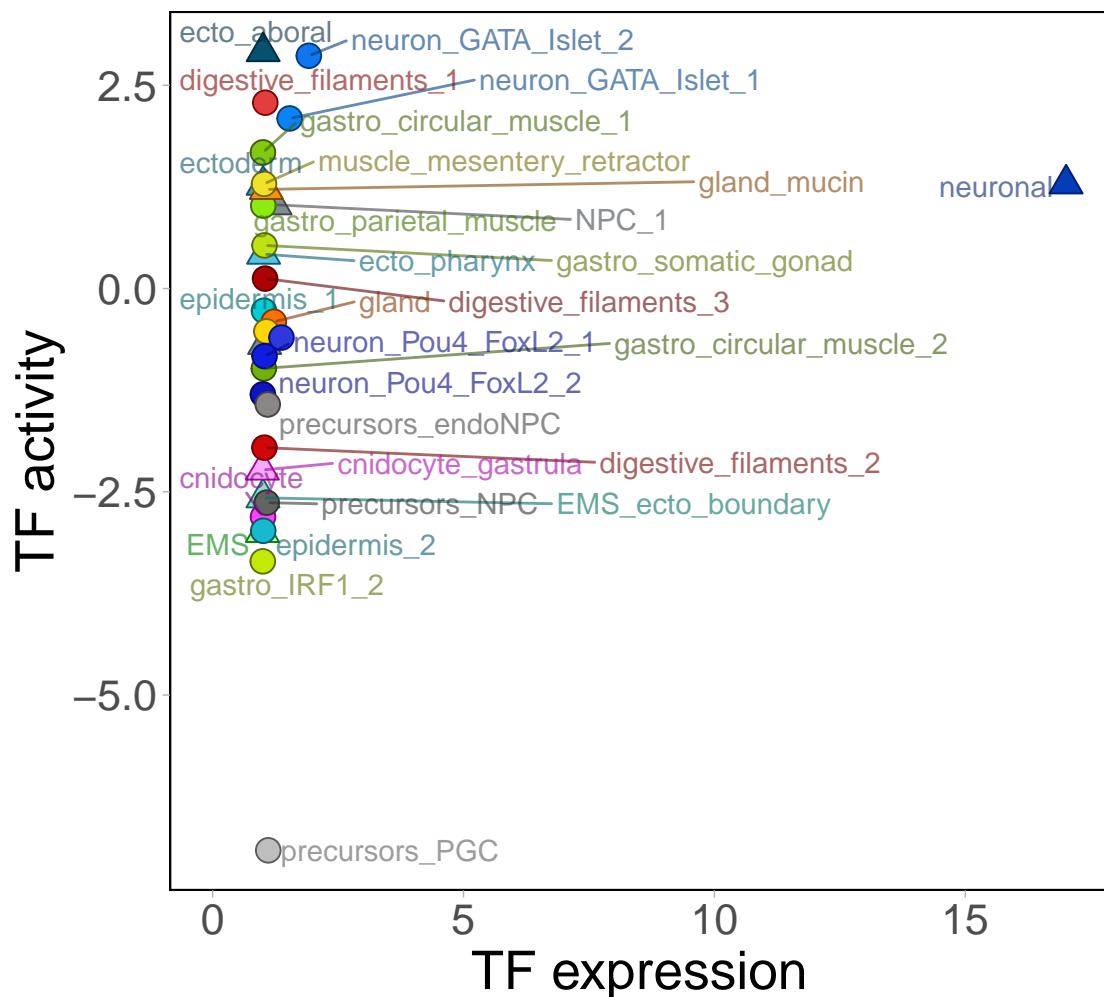
rank: 11

gene expression correlation: 0.3992

gene score correlation: 0.3851



Nvec_vc1.1_XM_001631173.3
OG: Homeodomains.HG2.62:VSX1/VSX2
PFAM: Homeodomain
motif: ARCH1328_M02167_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.1725
gene score correlation: 0.3711



Nvec_vc1.1_XM_001631326.3

OG: HLH.HG1.72:BHLHA9

PFAM: HLH

motif: ARCH1533_BHLH112

TF family: HLH

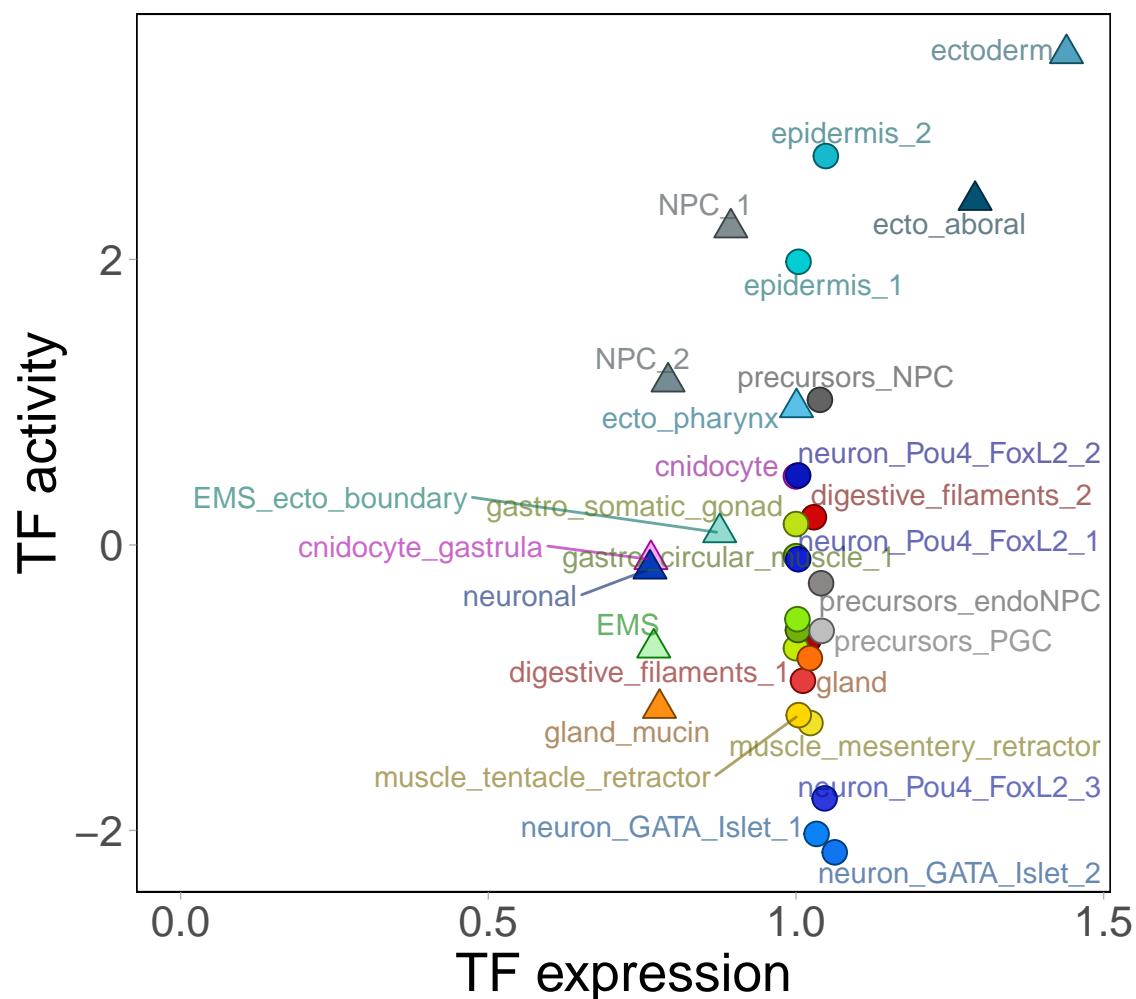
archetype family: HLH

CisBP assigned: FALSE

rank: 81

gene expression correlation: 0.3473

gene score correlation: 0.3632



Nvec_vc1.1_XM_001631375.3

OG: Homeodomains.HG2.70:ARX

PFAM: Homeodomain/OAR

motif: ARCH1437_

TF family: Homeodomains

archetype family: Homeodomains

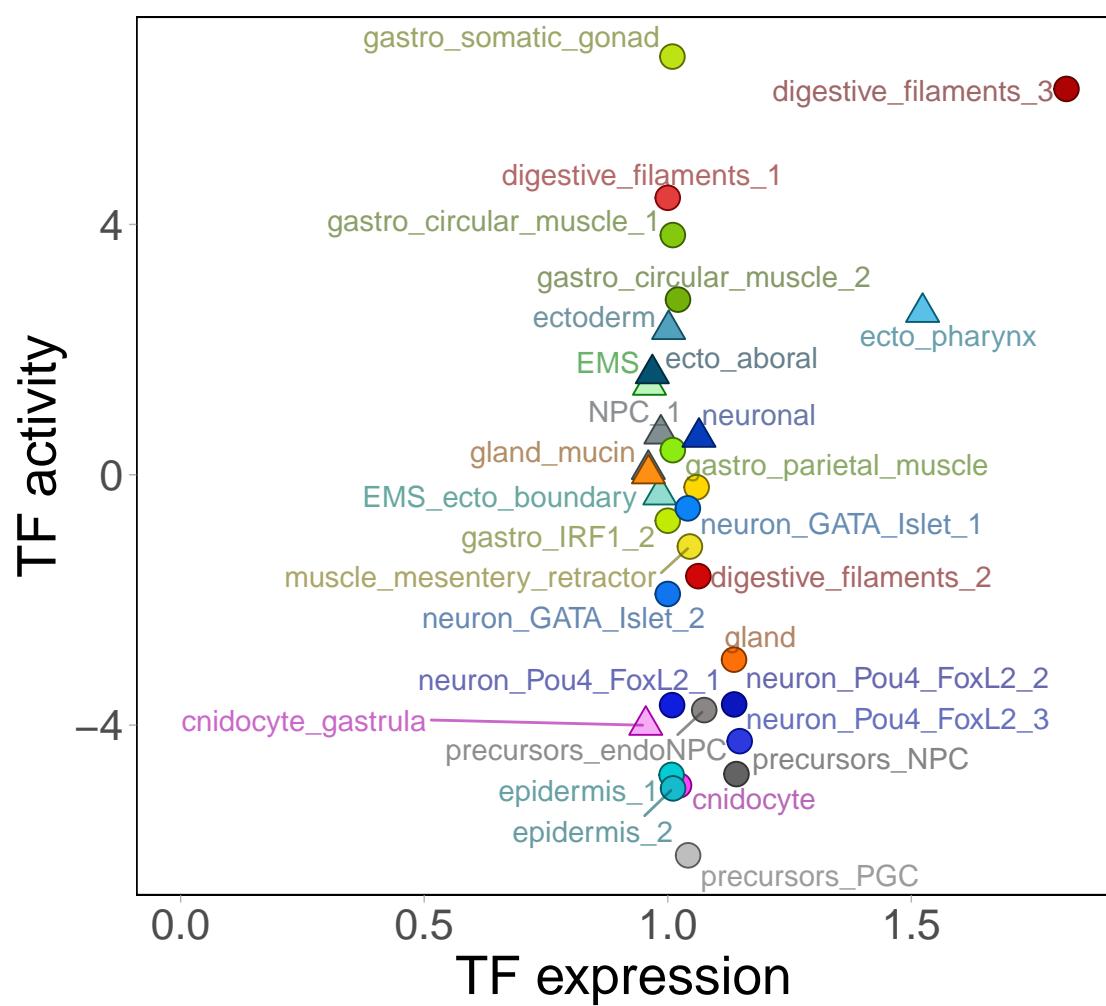
CisBP assigned: FALSE

rank: 40

gene expression correlation: 0.2748

gene score correlation: 0.3902

TAA Tcc



Nvec_vc1.1_XM_001631403.3

OG: HLH.HG1.14:MLXIP/MLXIPL

PFAM: HLH

motif: M05989_2.00

TF family: HLH

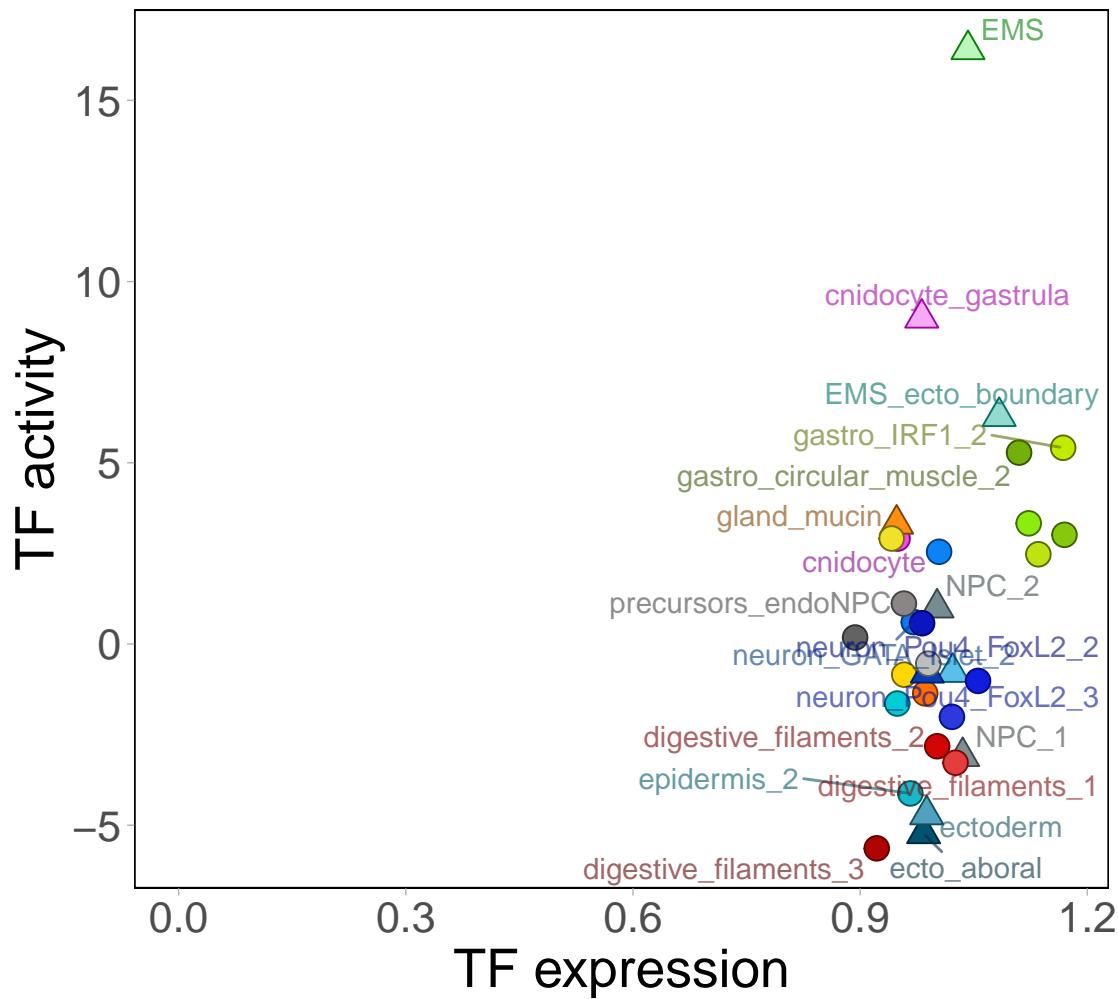
archetype family: HLH

CisBP assigned: FALSE

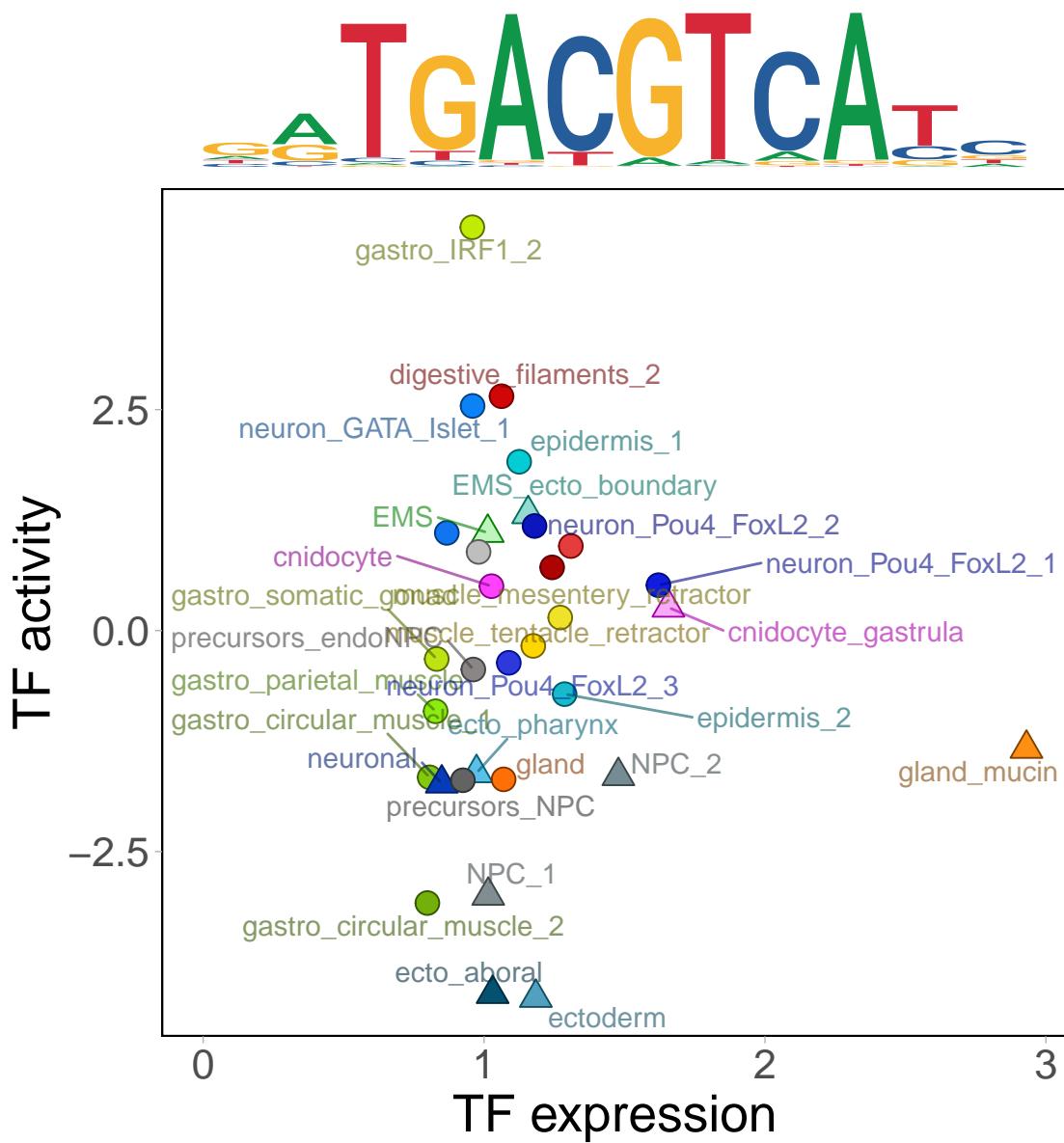
rank: 0

gene expression correlation: 0.3598

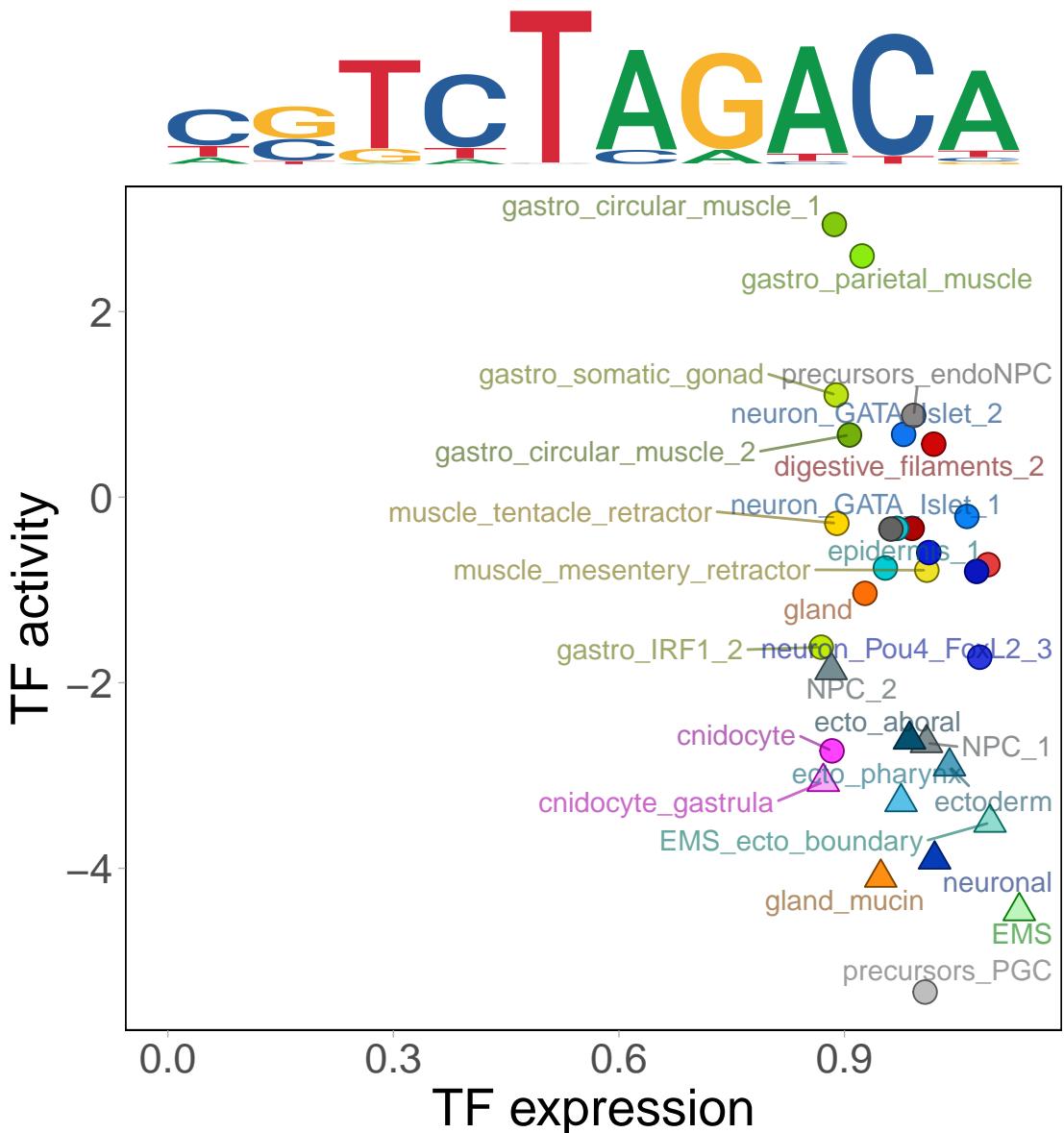
gene score correlation: 0.1935



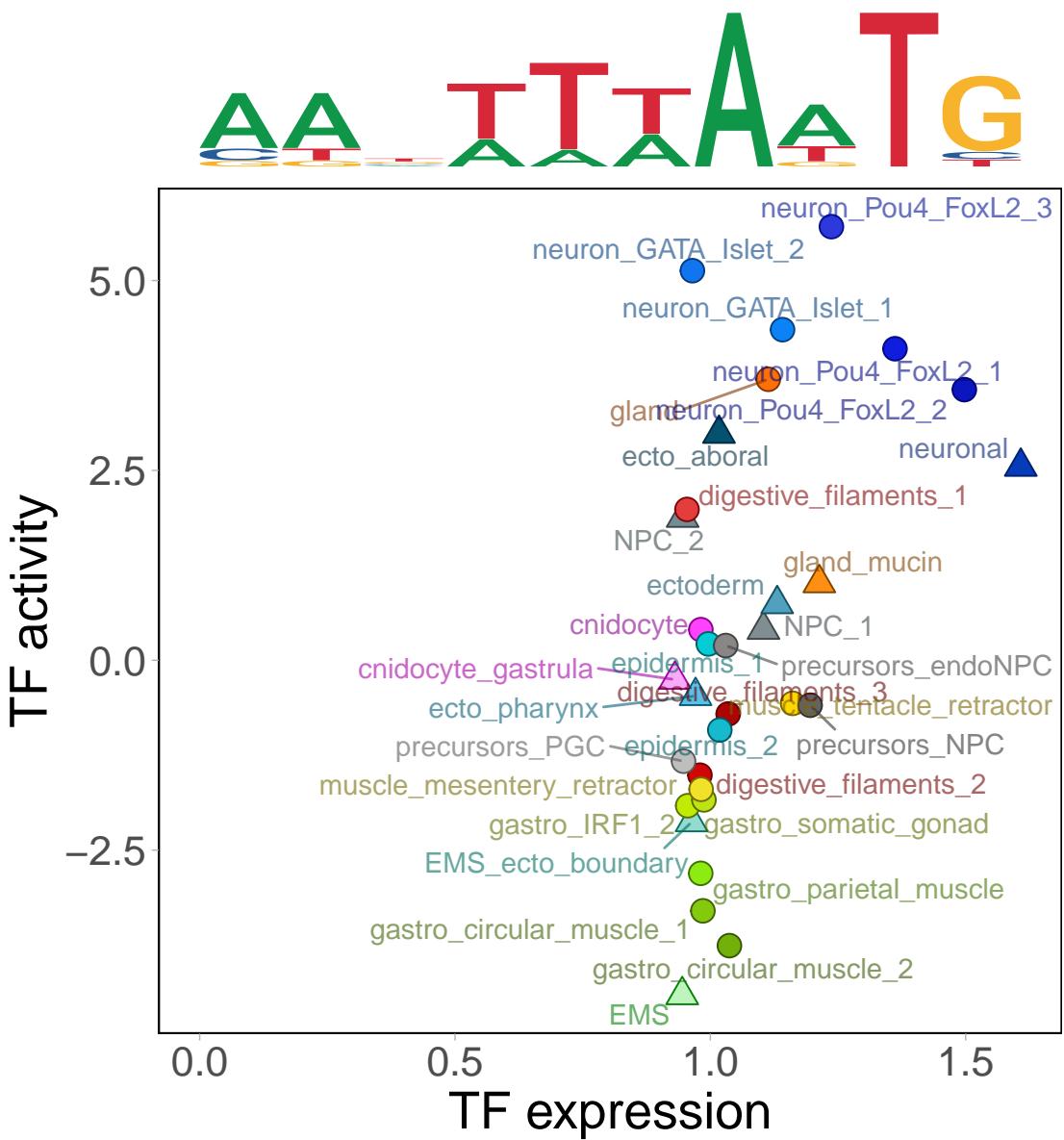
Nvec_vc1.1_XM_001631543.3
OG: bZIP.HG1.15:CREB3/CREB3L1/C
PFAM: bZIP_1
motif: ARCH1610_Atf3/Jdp2_Atf7/Gm2.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 33
gene expression correlation: -0.0207
gene score correlation: 0.4097



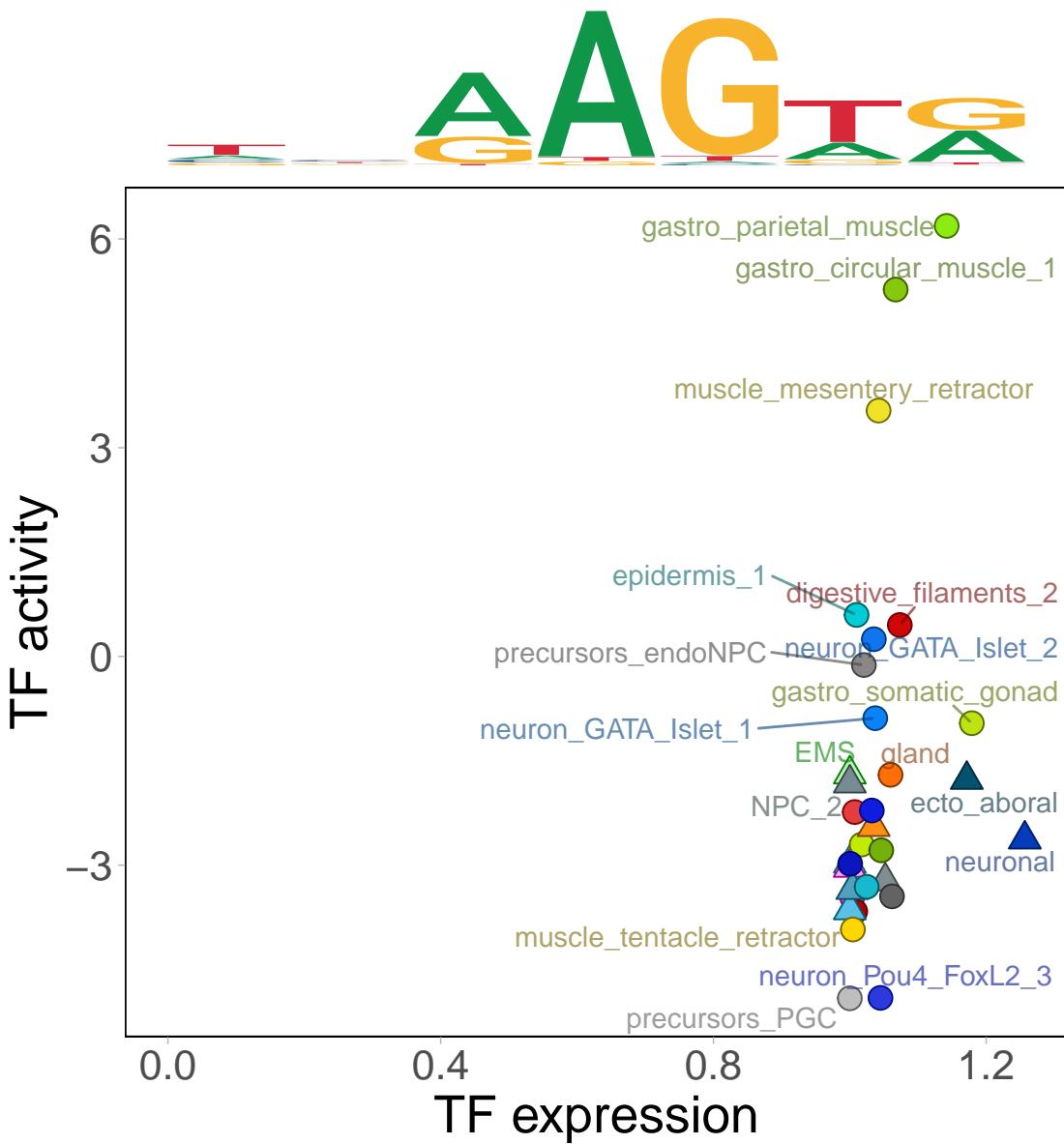
Nvec_vc1.1_XM_001631607.3
OG: SMAD_MH1.HG1.5:like:SMAD1/SM
PFAM: MH1/MH2
motif: ARCH733_Smad2/Smad3_Smad
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 125
gene expression correlation: -0.3080
gene score correlation: 0.1206



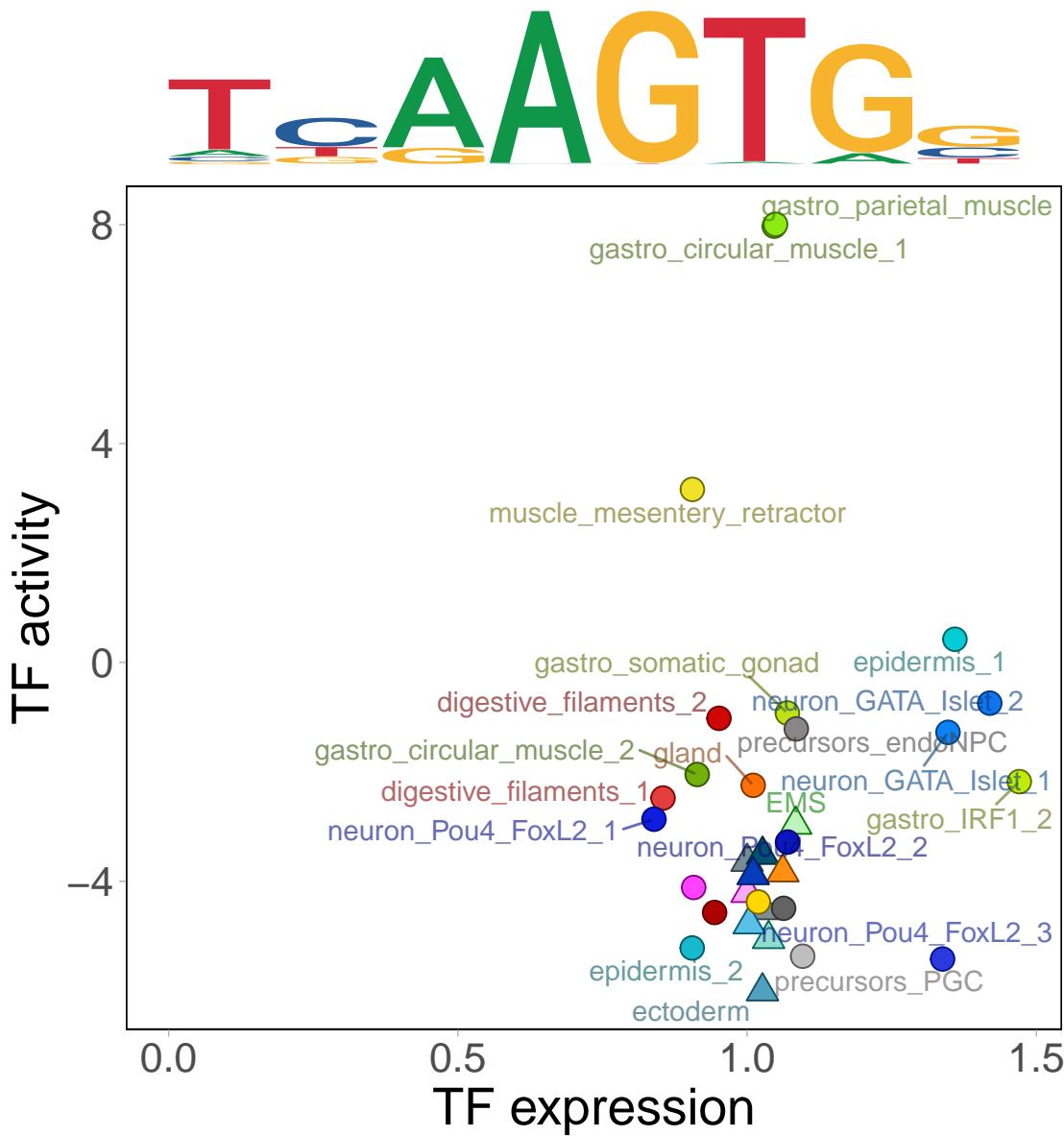
Nvec_vc1.1_XM_001631673.3
OG: Homeodomains.HG2.20:LHX1/LHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.5049
gene score correlation: 0.5704



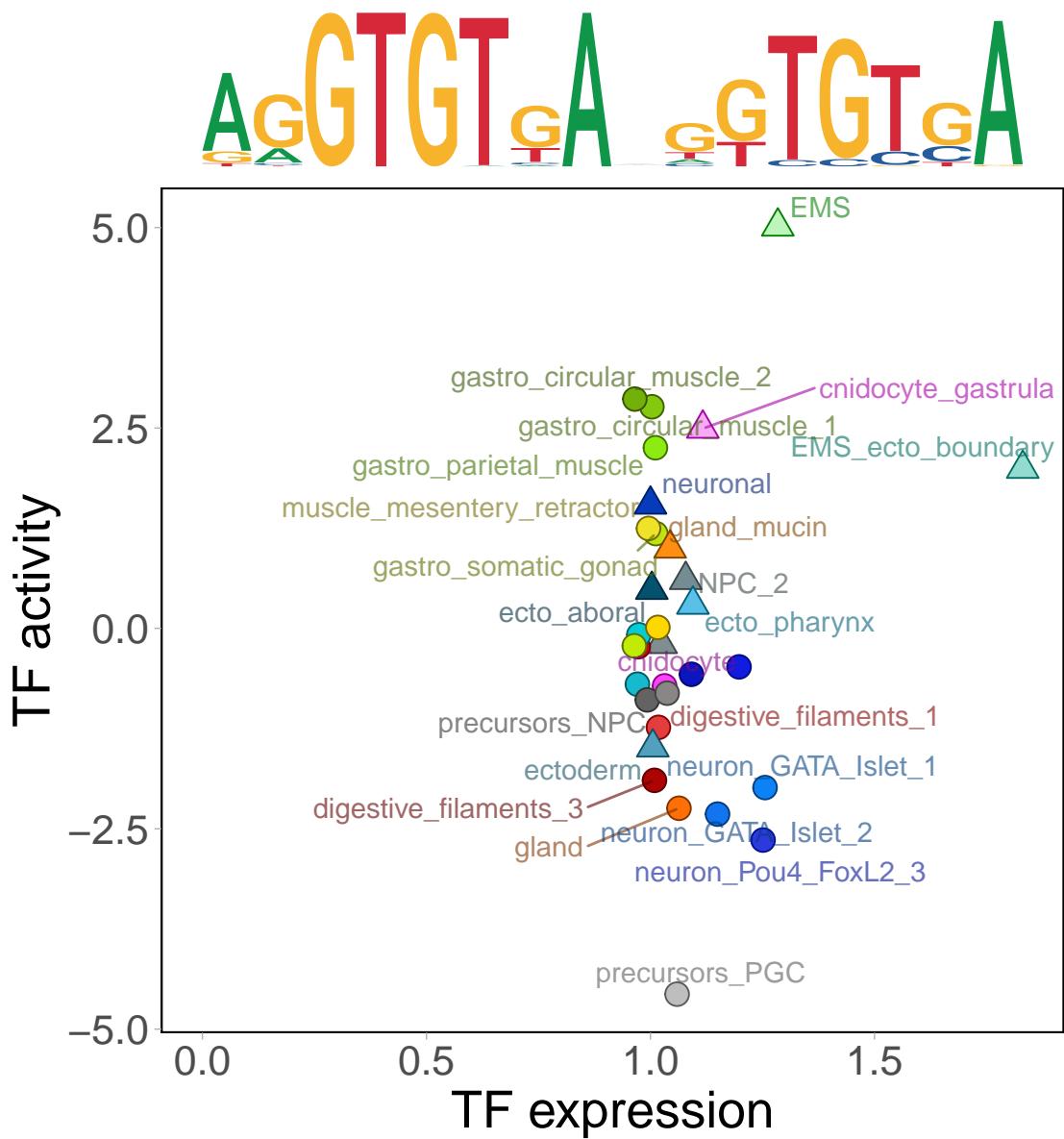
Nvec_vc1.1_XM_001632367.3
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: ARCH167_Nanog
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3004
gene score correlation: 0.4380



Nvec_vc1.1_XM_001632368.2
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: ARCH1520_Nkx2-2/Nkx2-9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.0865
gene score correlation: 0.6124



Nvec_vc1.1_XM_001632824.3
OG: T-box.HG1.13:TBX1/TBX10/TBX1
PFAM: T-box
motif: M03569_2.00
TF family: T-box
archetype family: T-box
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.1290
gene score correlation: 0.2900



Nvec_vc1.1_XM_001632826.3

OG: HLH.HG1.67:HAND1/HAND2

PFAM: HLH

motif: ARCH1068_bHLH122

TF family: HLH

archetype family: HLH

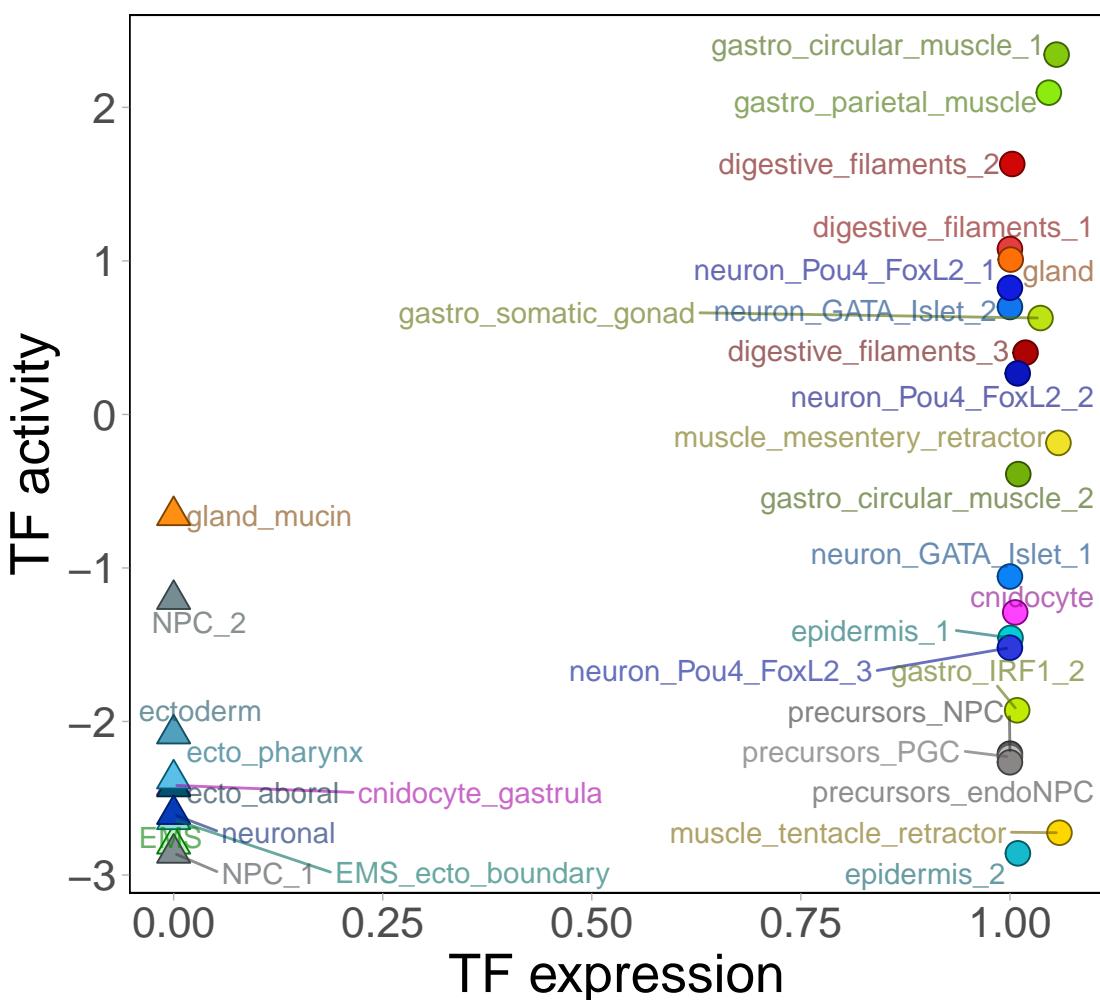
CisBP assigned: FALSE

rank: 138

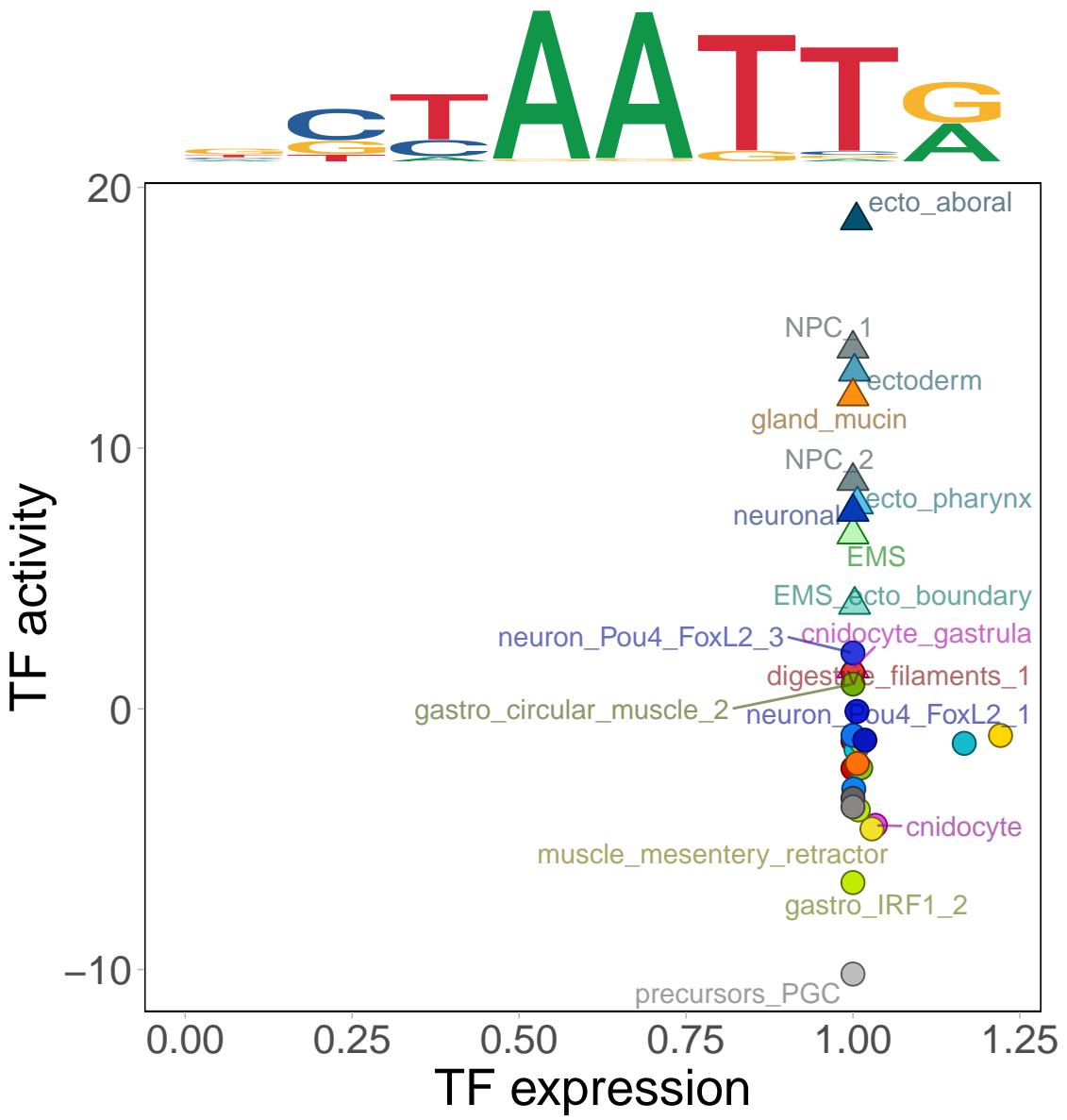
gene expression correlation: 0.5281

gene score correlation: 0.1558

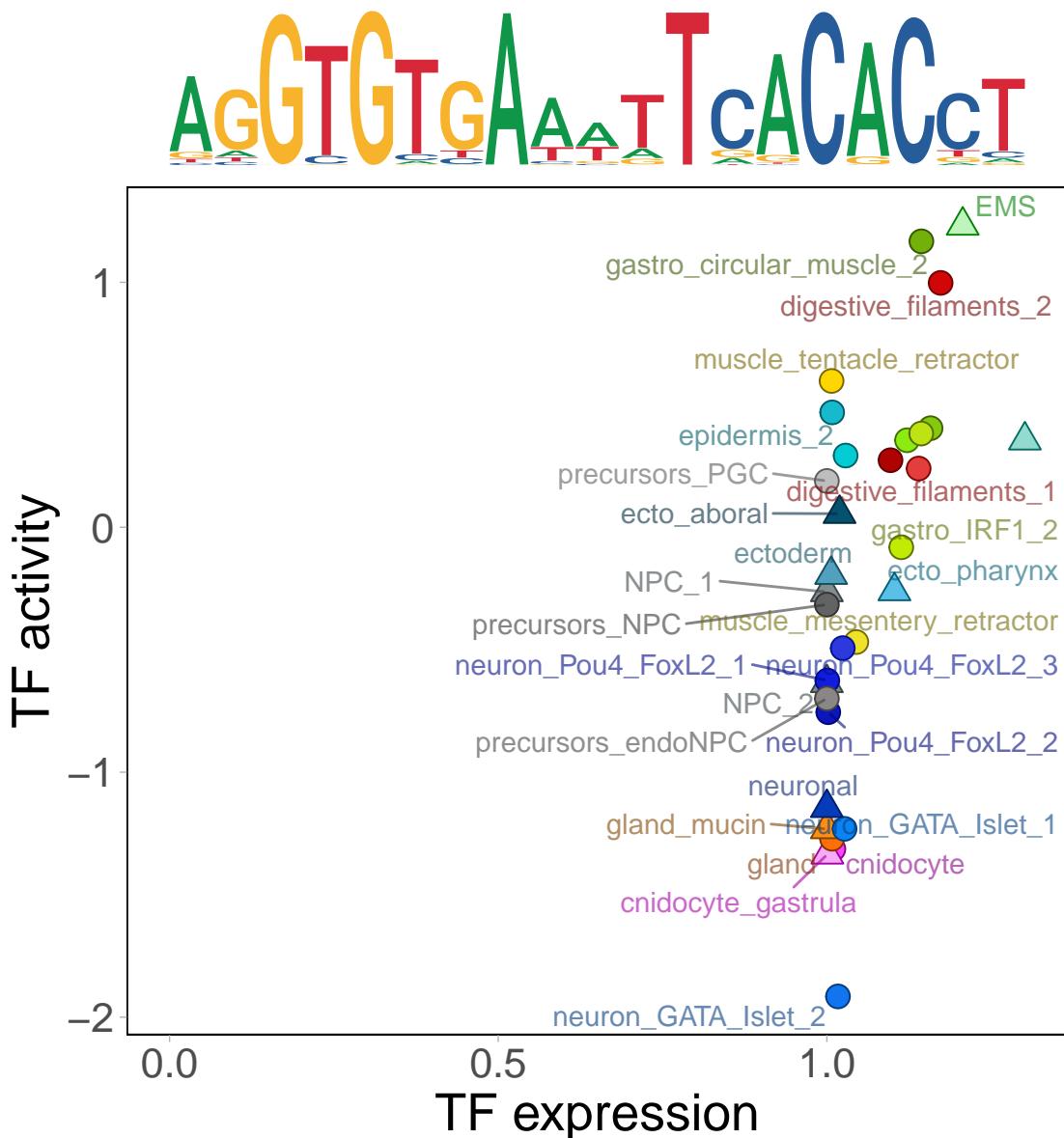
CAA_GTTG



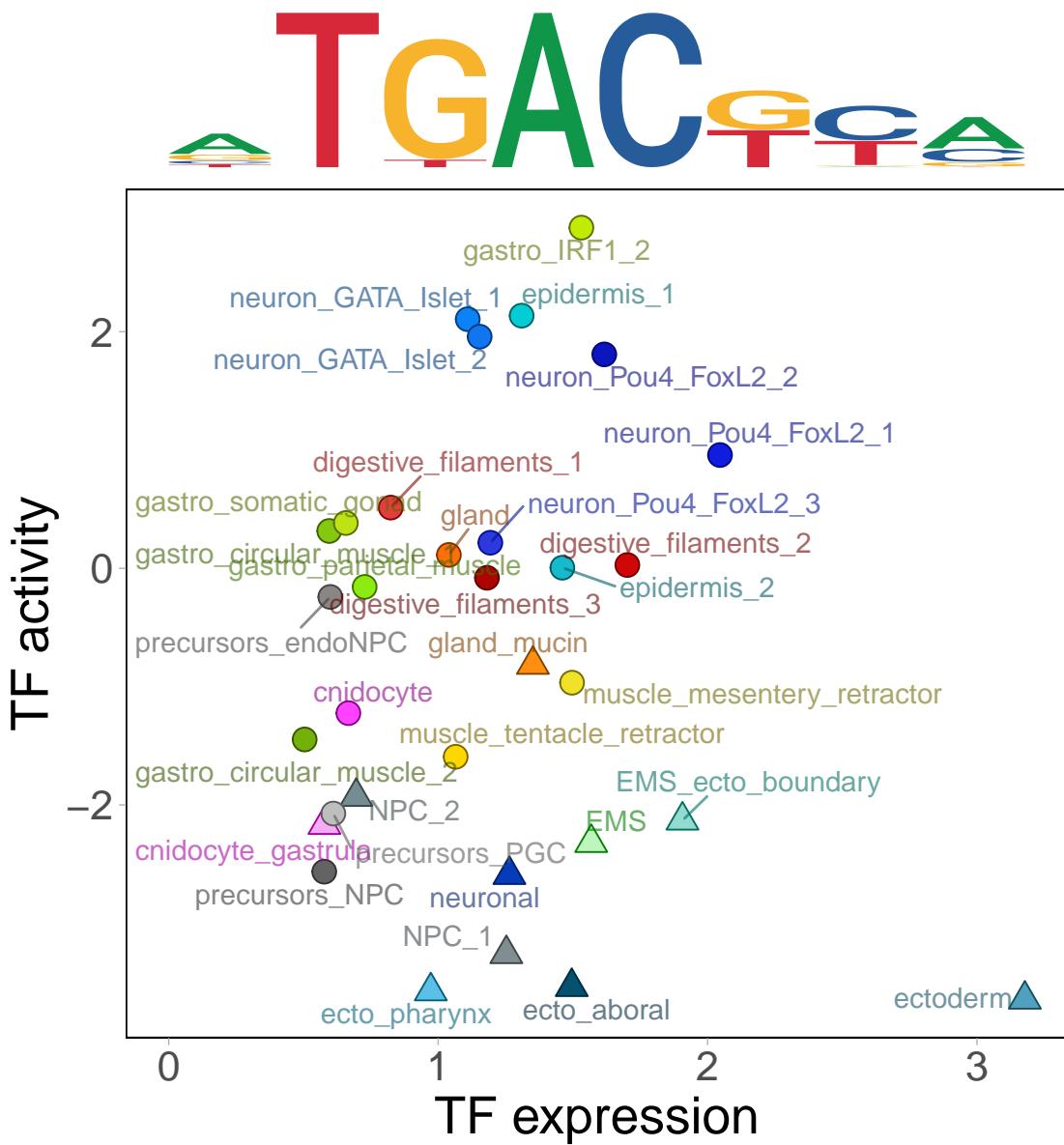
Nvec_vc1.1_XM_001632929.3
OG: Homeodomains.HG2.41:SHOX/S
PFAM: Homeodomain
motif: Shox2_241030_homer
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.1422
gene score correlation: -0.1658



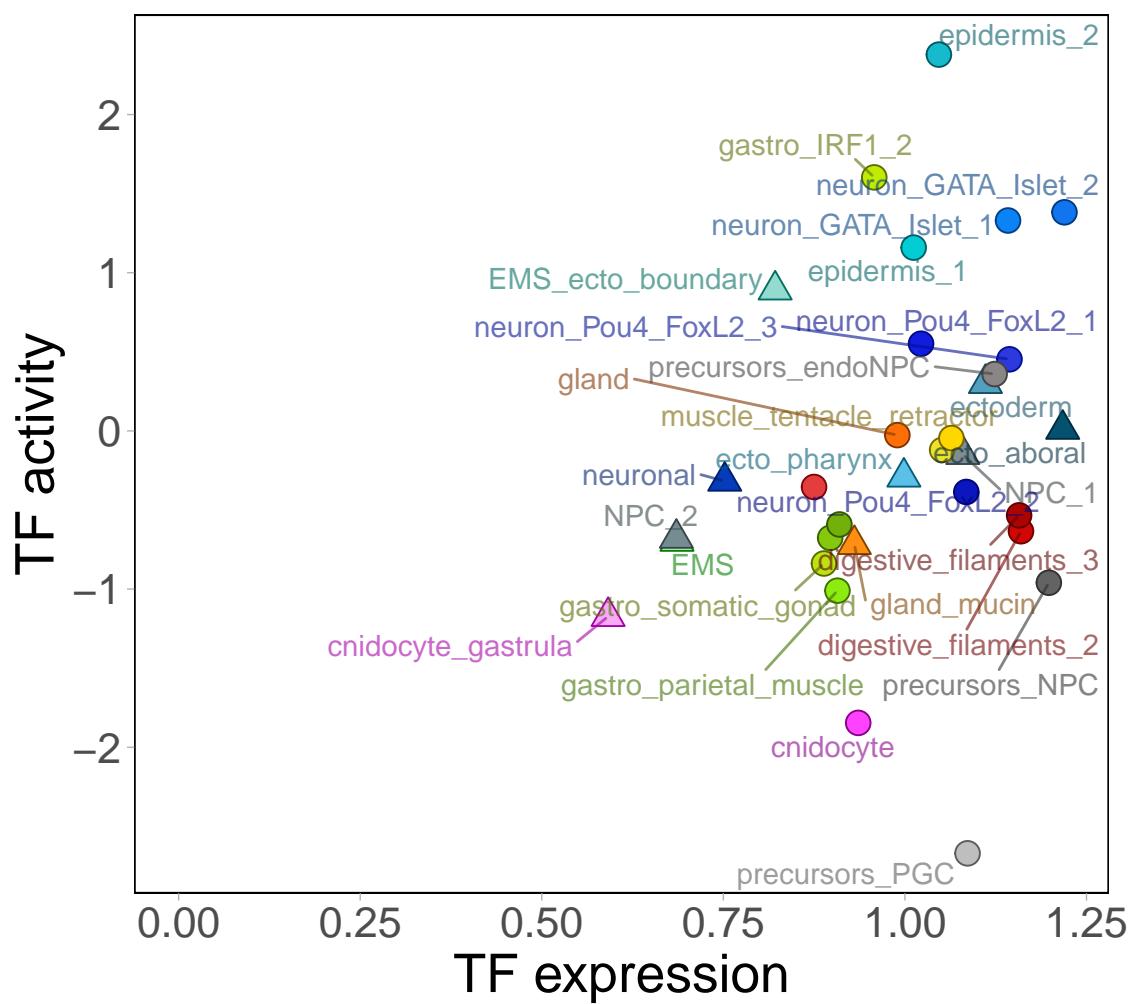
Nvec_vc1.1_XM_001633156.3
OG: T-box.HG1.1:like:MGA/TBX1/TBX2
PFAM: T-box
motif: ARCH839_Tbx10/Tbx1_Tbx18/Tbx20
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 120
gene expression correlation: 0.6330
gene score correlation: 0.3743



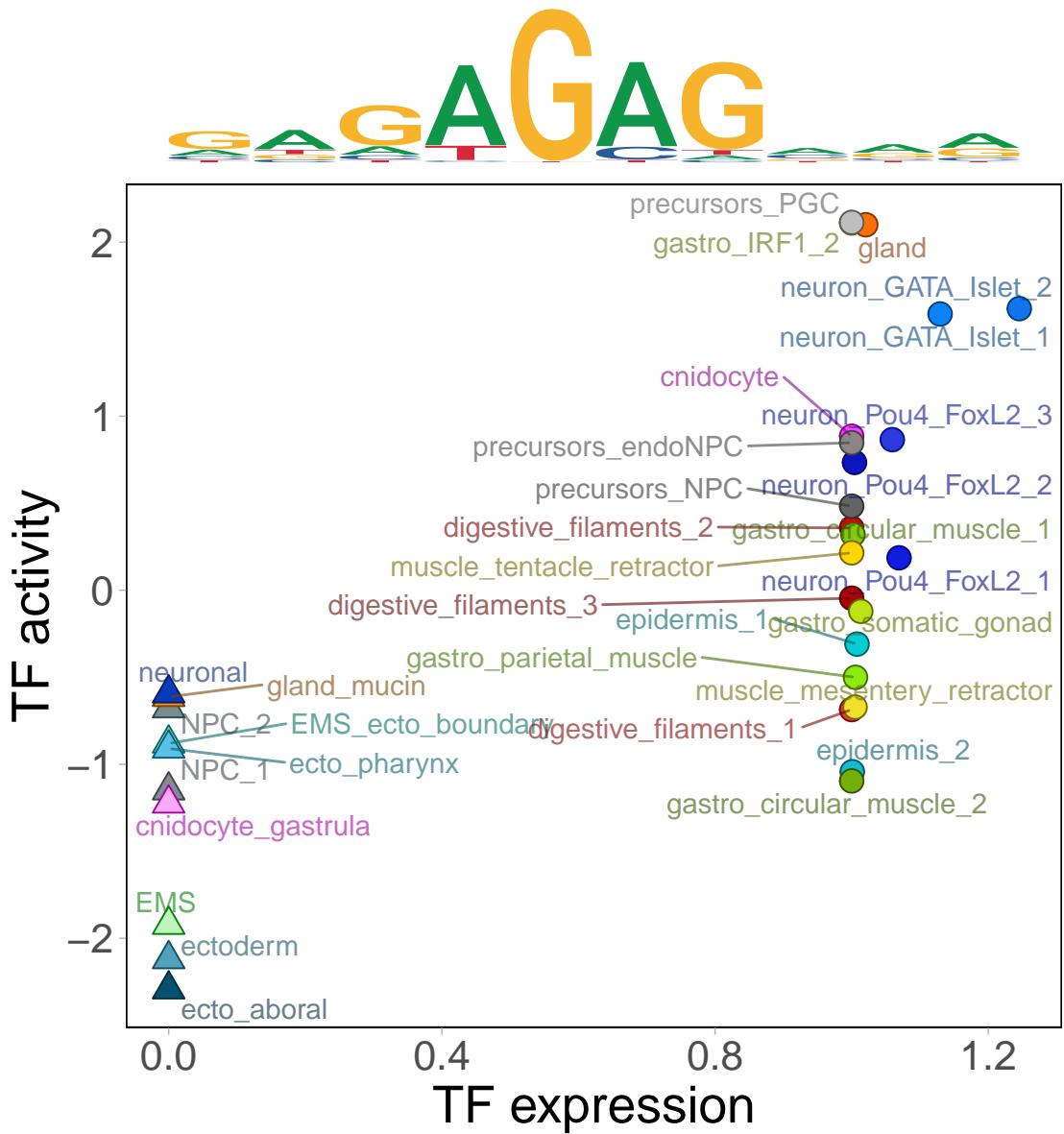
Nvec_vc1.1_XM_001633273.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH1611_Fos/Fosb/Fosl1/Fosl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 1
gene expression correlation: -0.0562
gene score correlation: 0.5307



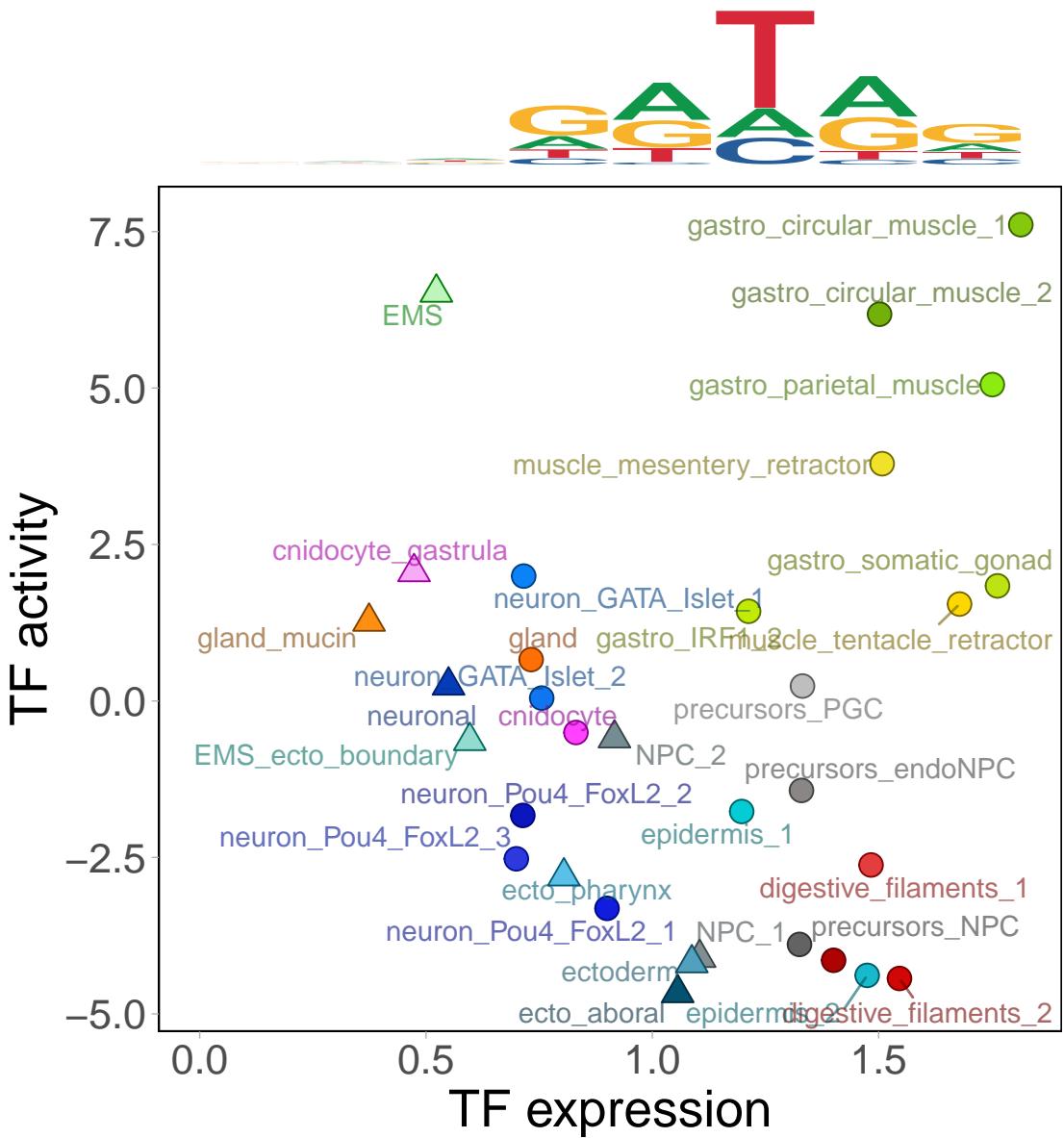
Nvec_vc1.1_XM_001633393.3
OG: bZIP.HG1.18:ATF1/CREB1/CREM
PFAM: pKID/bZIP_1
motif: ARCH1485_Atf3/Jdp2_Fos/Fosb.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 31
gene expression correlation: 0.2686
gene score correlation: 0.1610



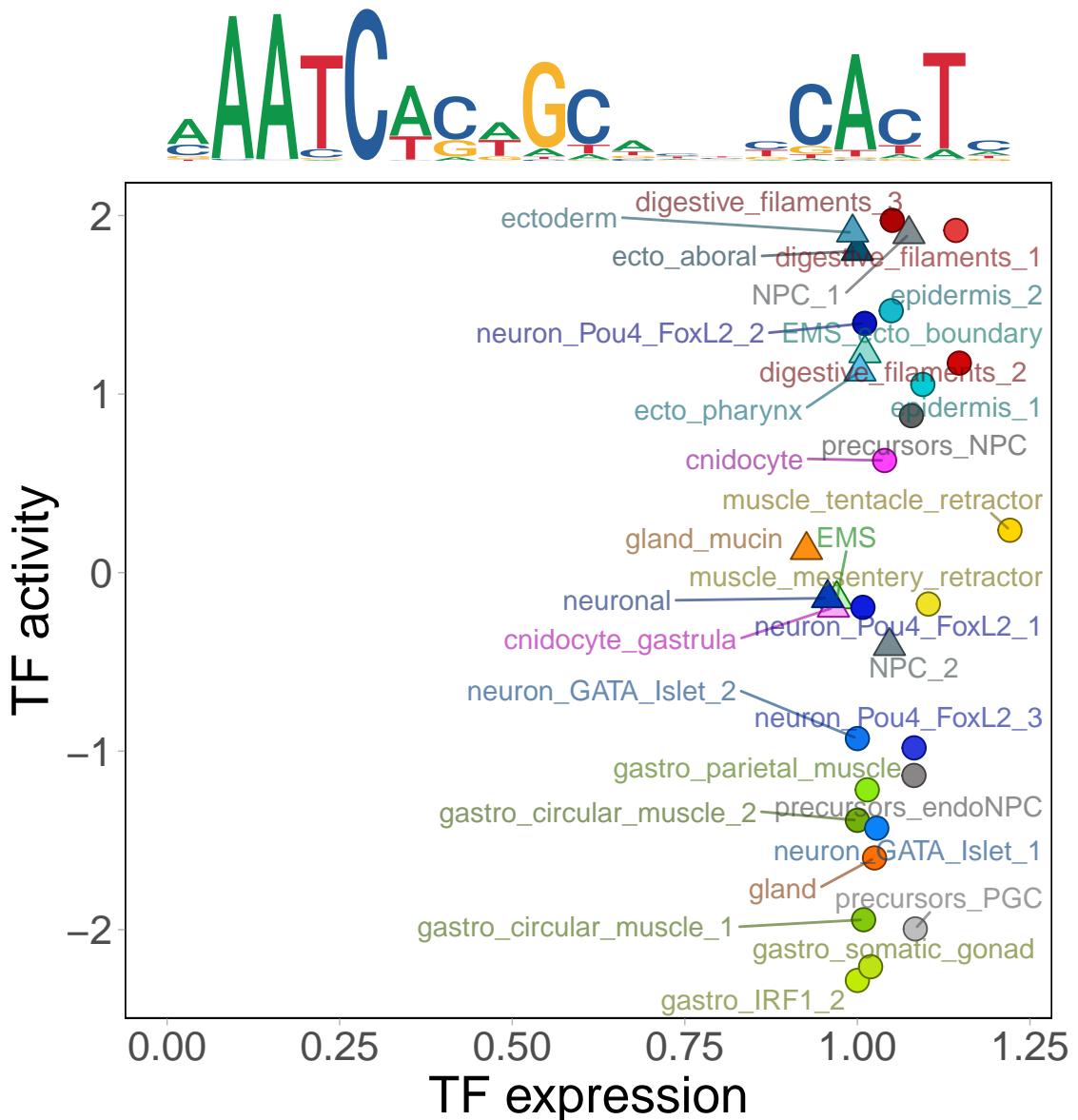
Nvec_vc1.1_XM_001633398.3
OG: zf-C2H2.HG19.1:PRDM14
PFAM: zf-H2C2_2/zf-C2H2
motif: ARCH743_BPC1_M06113_2.00
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 83
gene expression correlation: 0.6880
gene score correlation: 0.3184



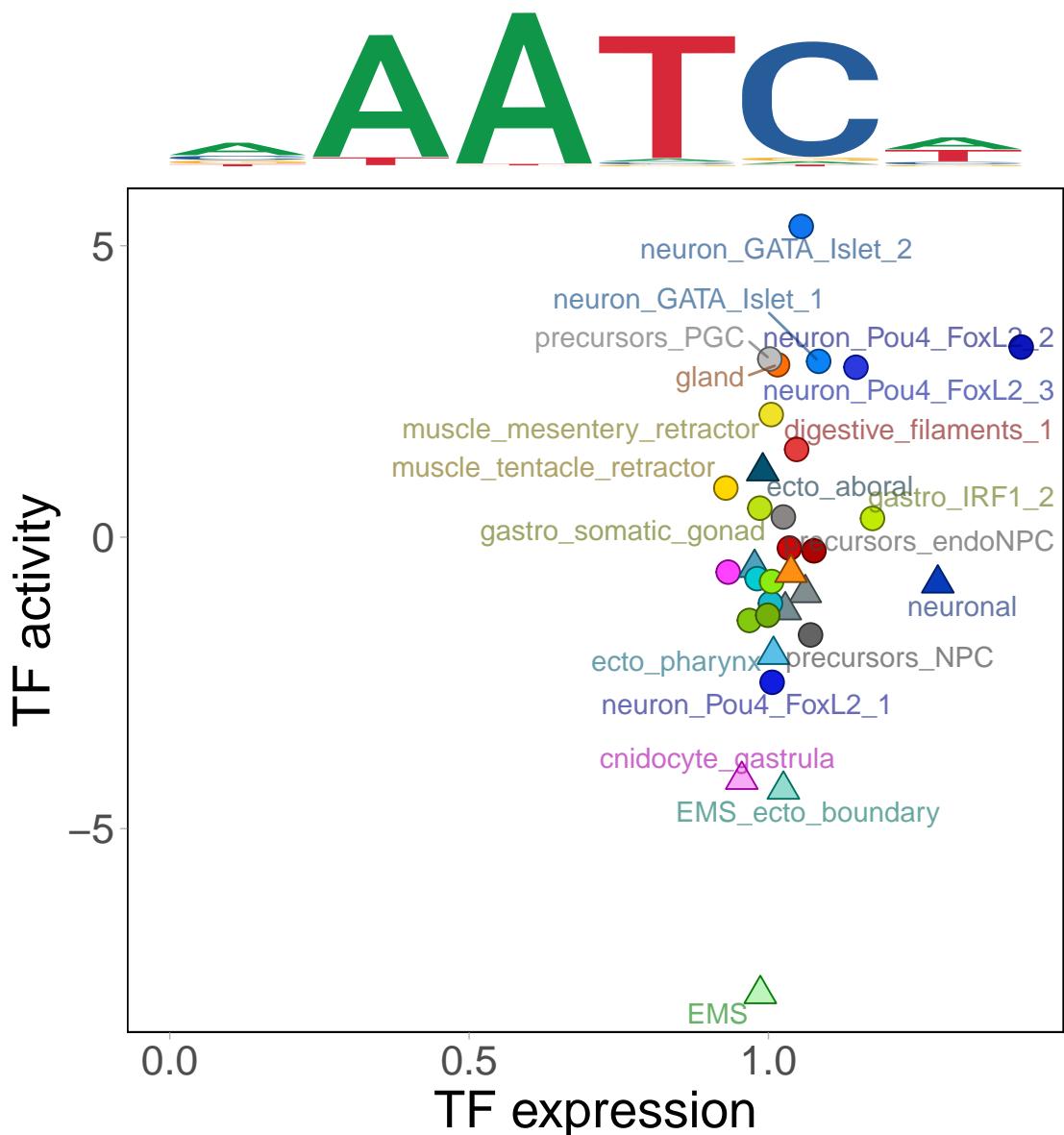
Nvec_vc1.1_XM_001633482.3
OG: CSD.HG1.6:YBX1/YBX2/YBX3
PFAM: CSD
motif: M01207_2.00
TF family: CSD
archetype family: CSD
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1047
gene score correlation: -0.5194



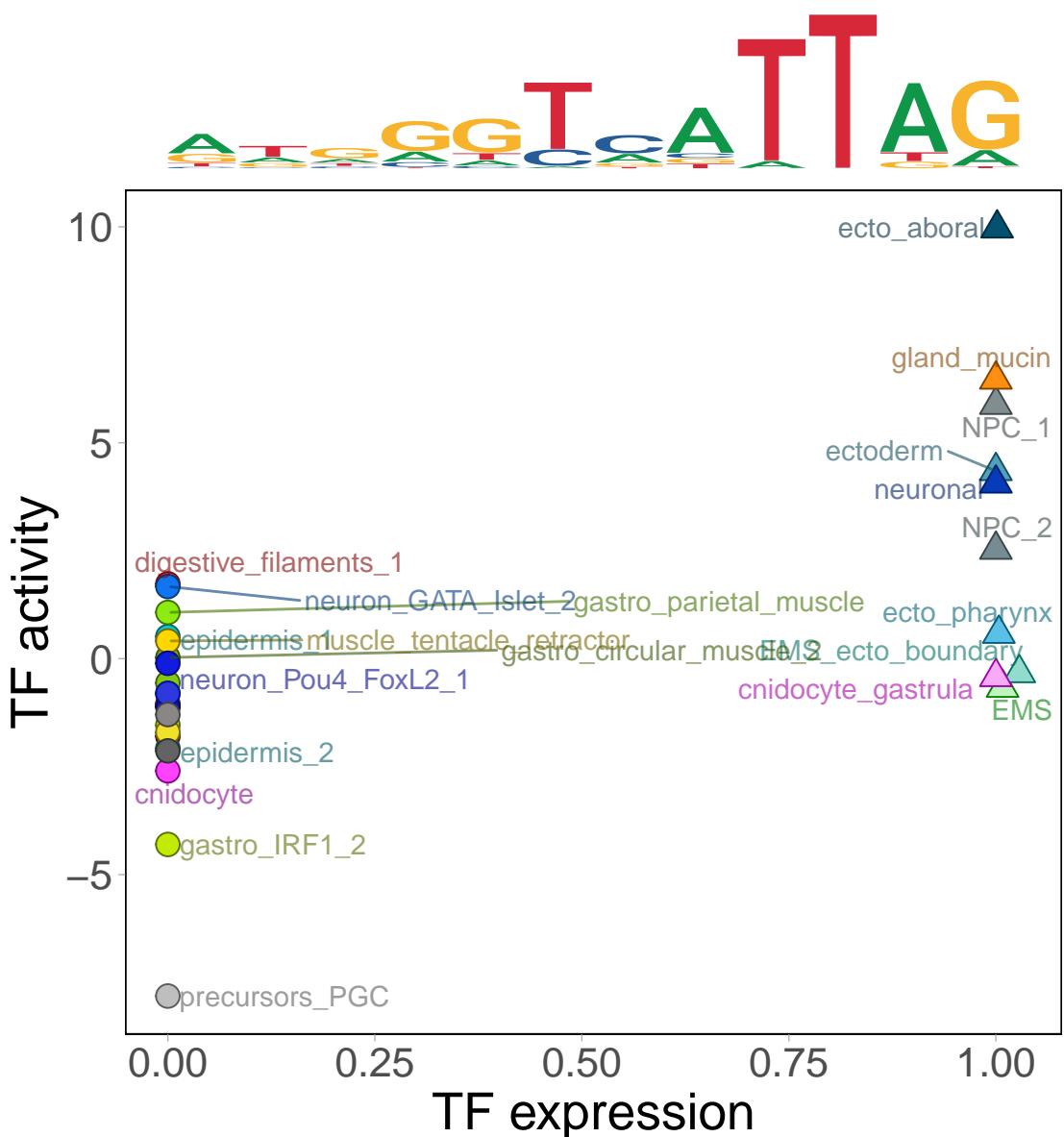
Nvec_vc1.1_XM_001633504.3
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 944
gene expression correlation: 0.1854
gene score correlation: -0.2191



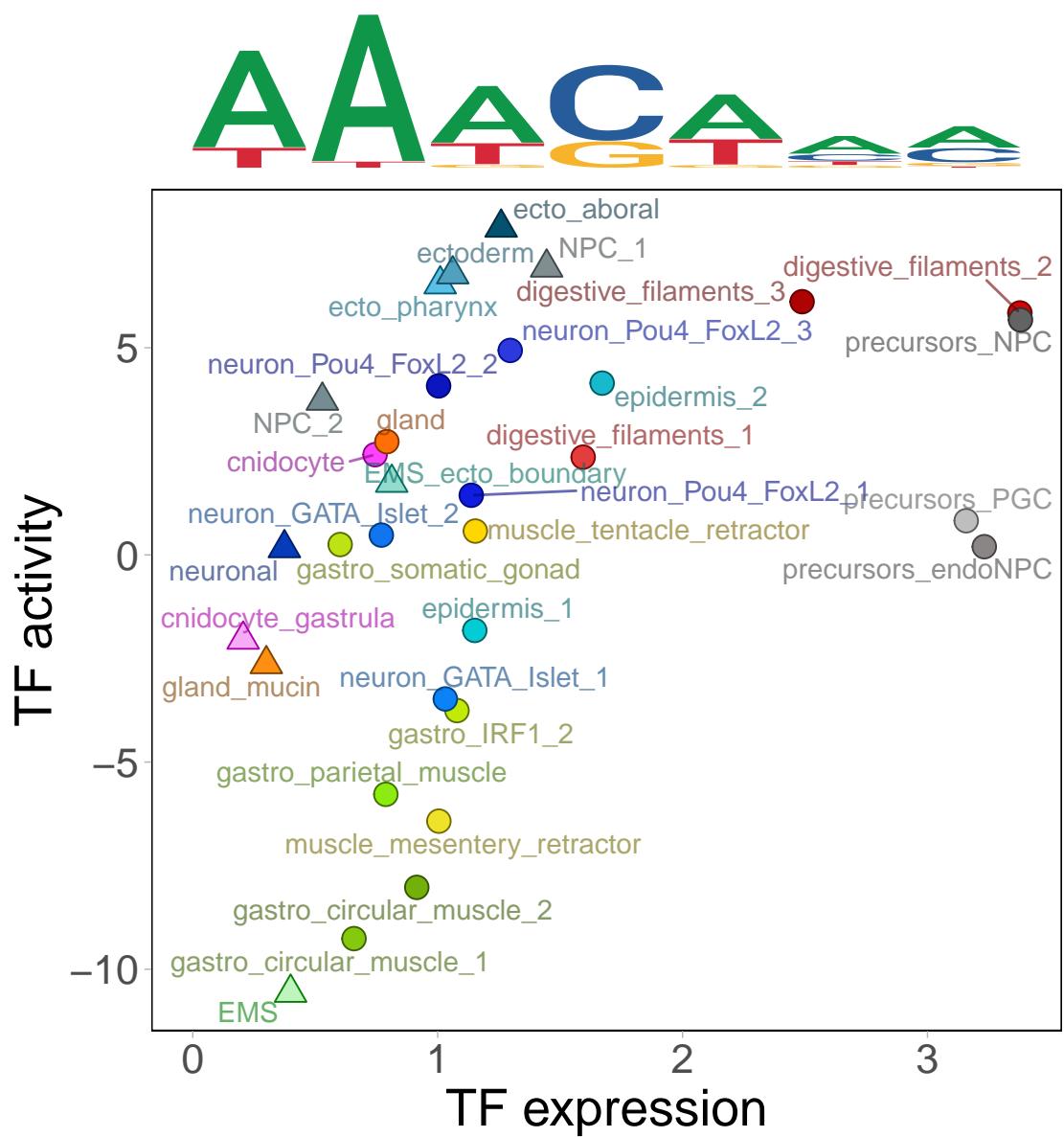
Nvec_vc1.1_XM_001633508.3
OG: zf-C2H2.HG1.3:ZBTB3
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1200_Zfp760/Zfp770
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 475
gene expression correlation: 0.3160
gene score correlation: 0.1992



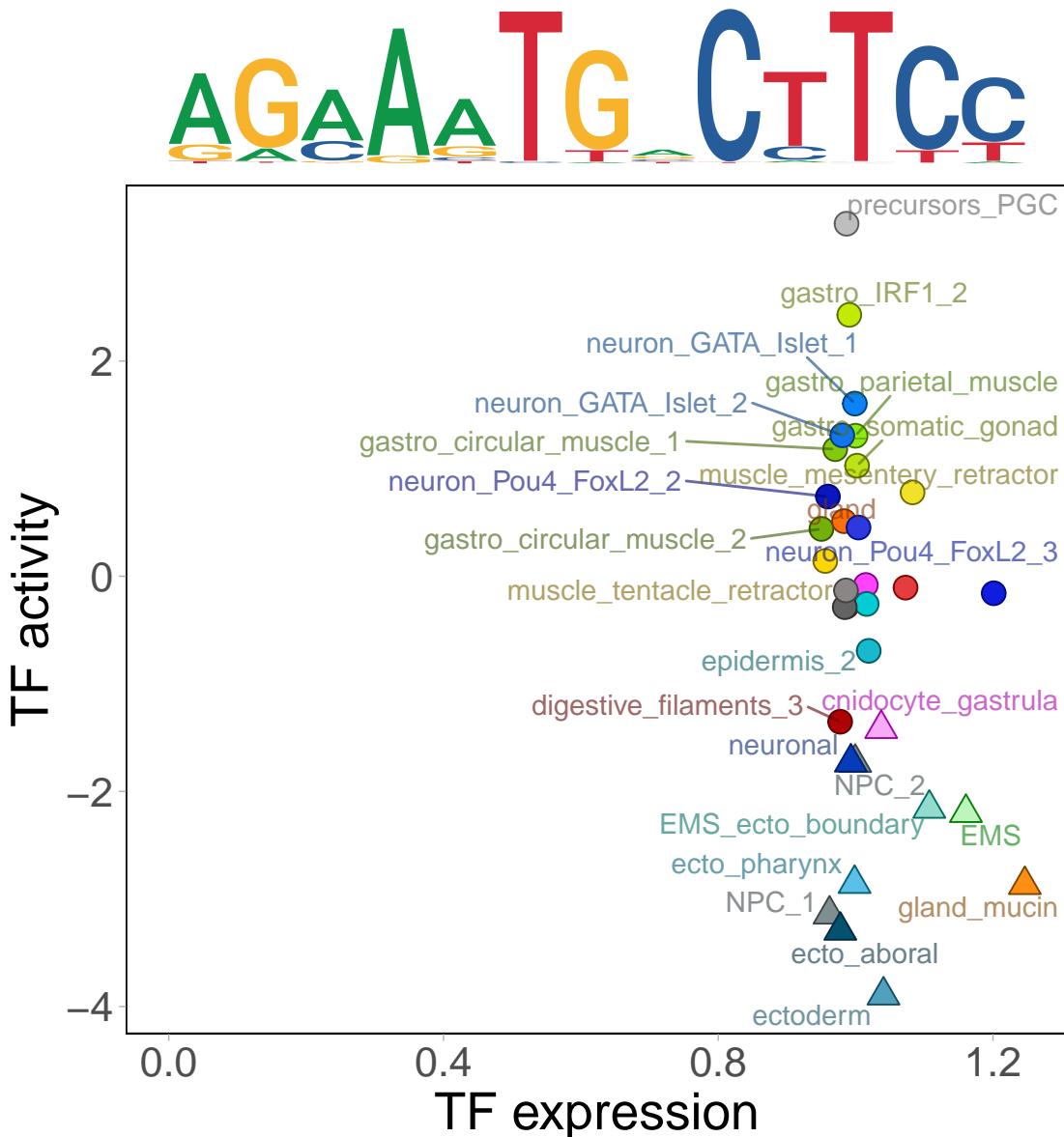
Nvec_vc1.1_XM_001633541.3
OG: Homeodomains.HG3.5:like:IRX1/IR
PFAM: SIX1_SD/Homeobox_KN
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 57
gene expression correlation: 0.6265
gene score correlation: 0.6181



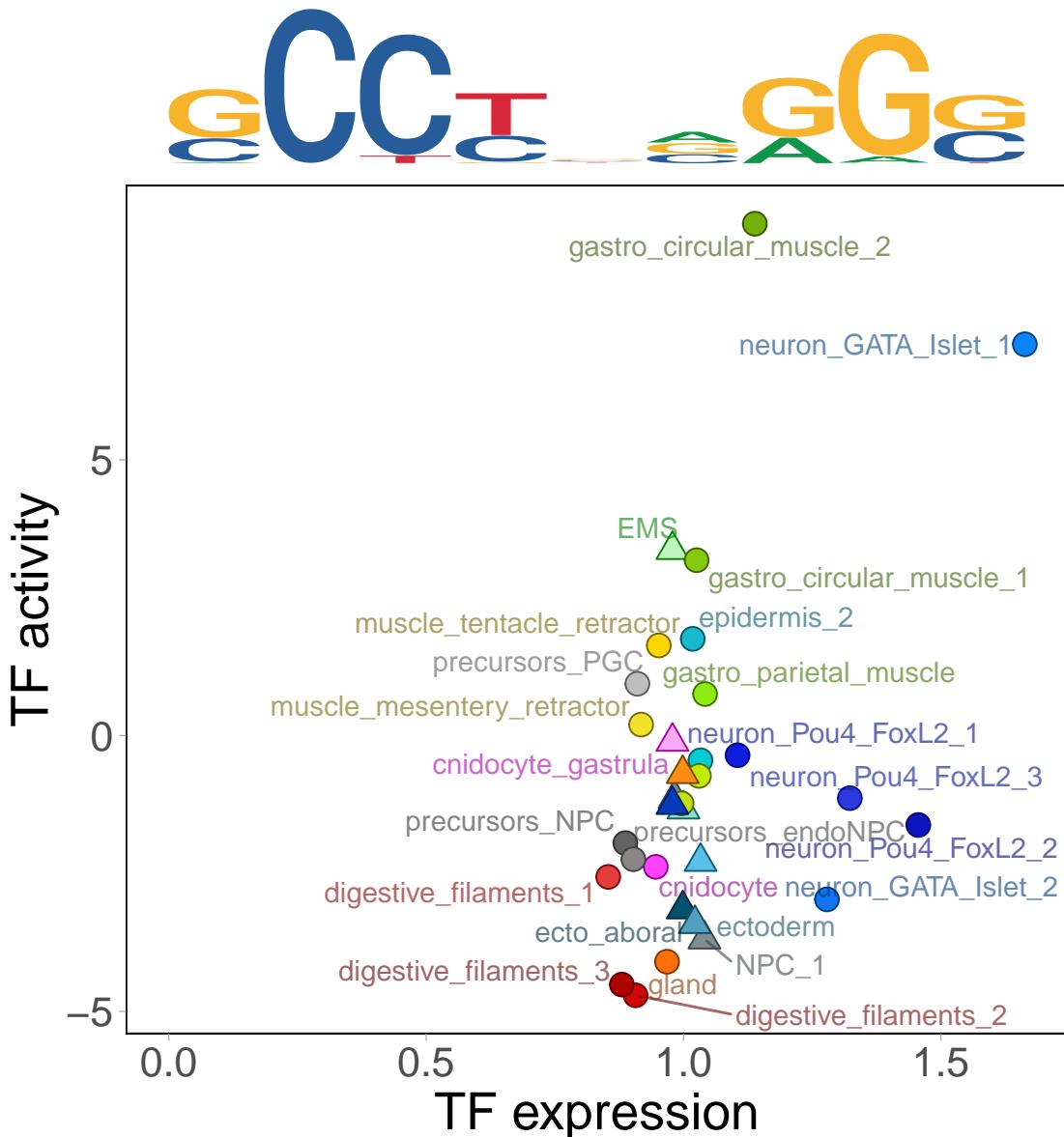
Nvec_vc1.1_XM_001633762.3
OG: HMGbox_Sox.HG1.37:like:SSRP1
PFAM: HMG_box/HMG_box
motif: ARCH1177_Sox4/Sox11_Sox13/
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 27
gene expression correlation: 0.4005
gene score correlation: 0.5153



Nvec_vc1.1_XM_001633772.3
OG: zf-C2H2.HG4.1:like:GLI1/GLI2/GL
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1274_ZNF528
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 46
gene expression correlation: -0.3081
gene score correlation: 0.3222



Nvec_vc1.1_XM_001633894.3
OG: AP-2.HG1.0:TFAP2A/TFAP2B/TFAP2C
PFAM: TF_AP-2
motif: ARCH387_TFAP2E
TF family: AP2
archetype family: AP2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3949
gene score correlation: 0.5745



Nvec_vc1.1_XM_001633901.3

OG: T-box.HG1.11:TBX2/TBX3

PFAM: T-box

motif: ARCH484_Tbx3/Tbx2

TF family: T-box

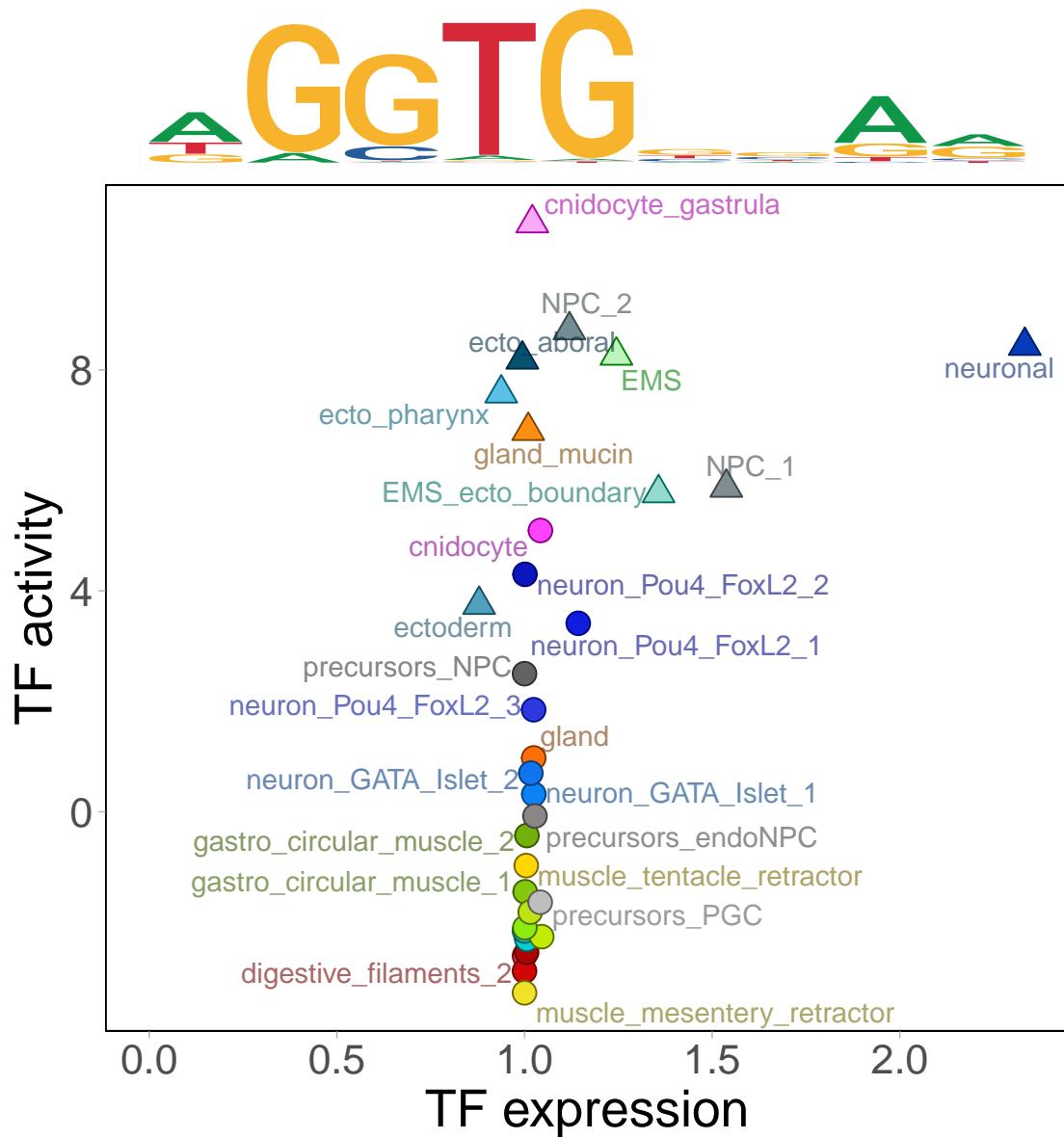
archetype family: T-box

CisBP assigned: TRUE

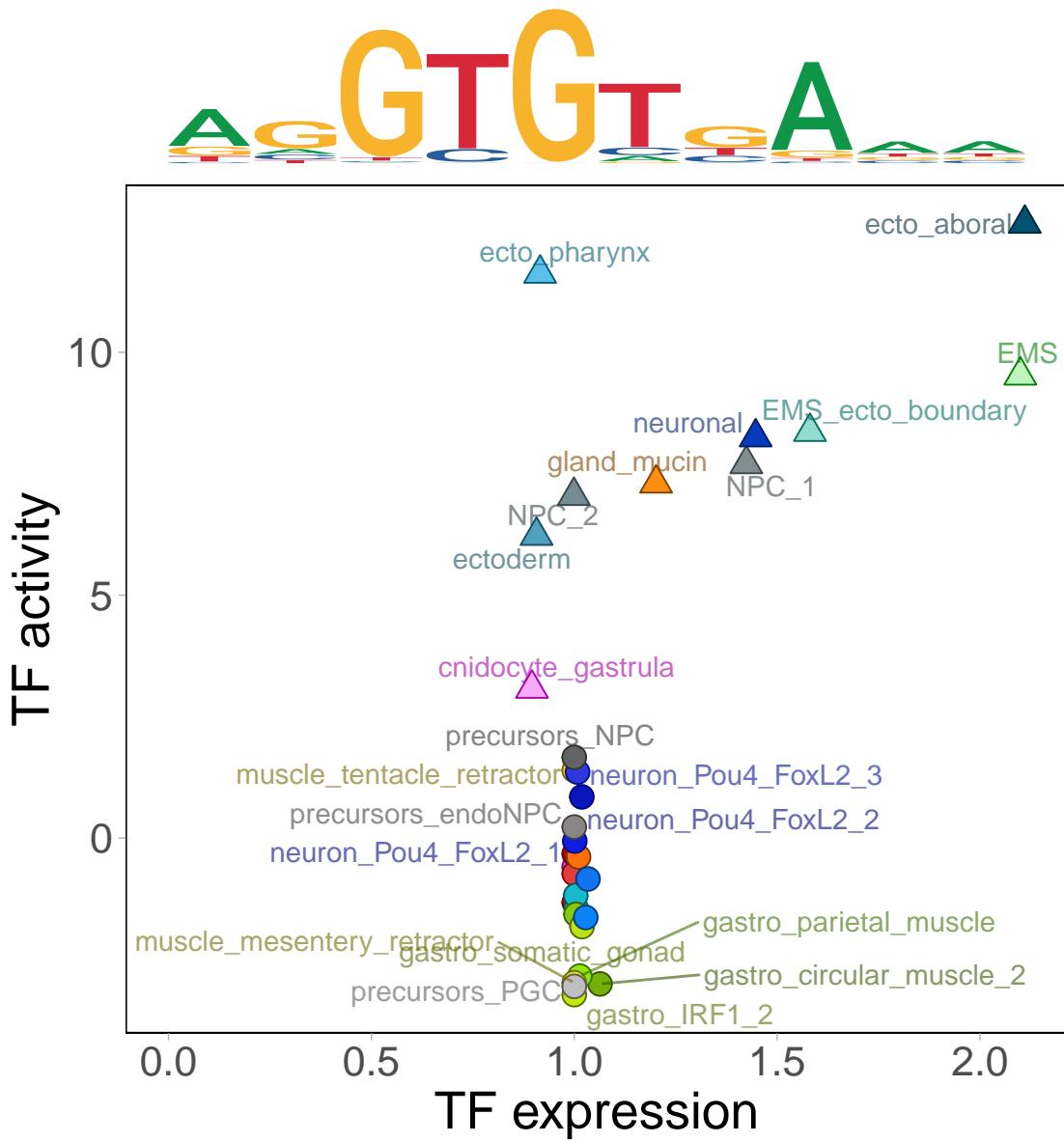
rank: 172

gene expression correlation: 0.3912

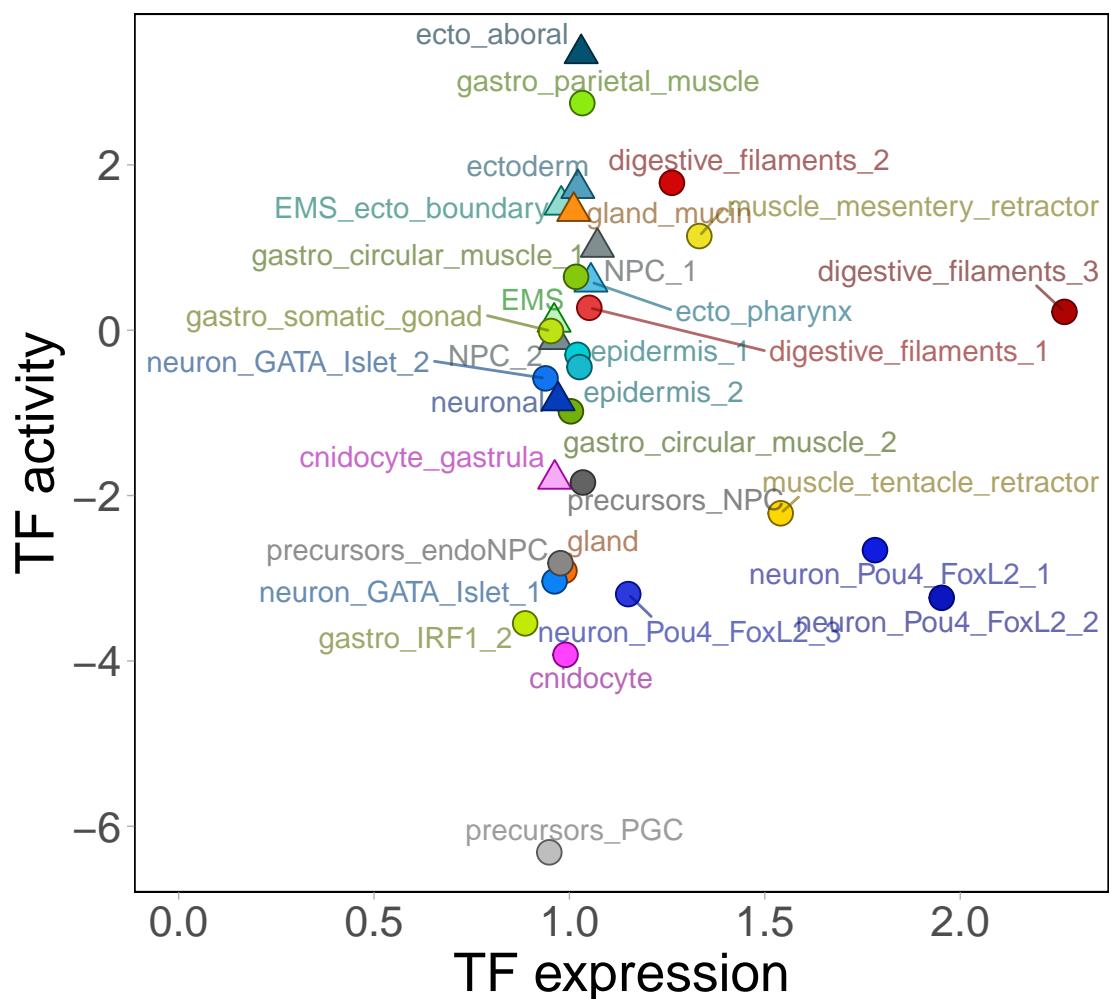
gene score correlation: 0.2239



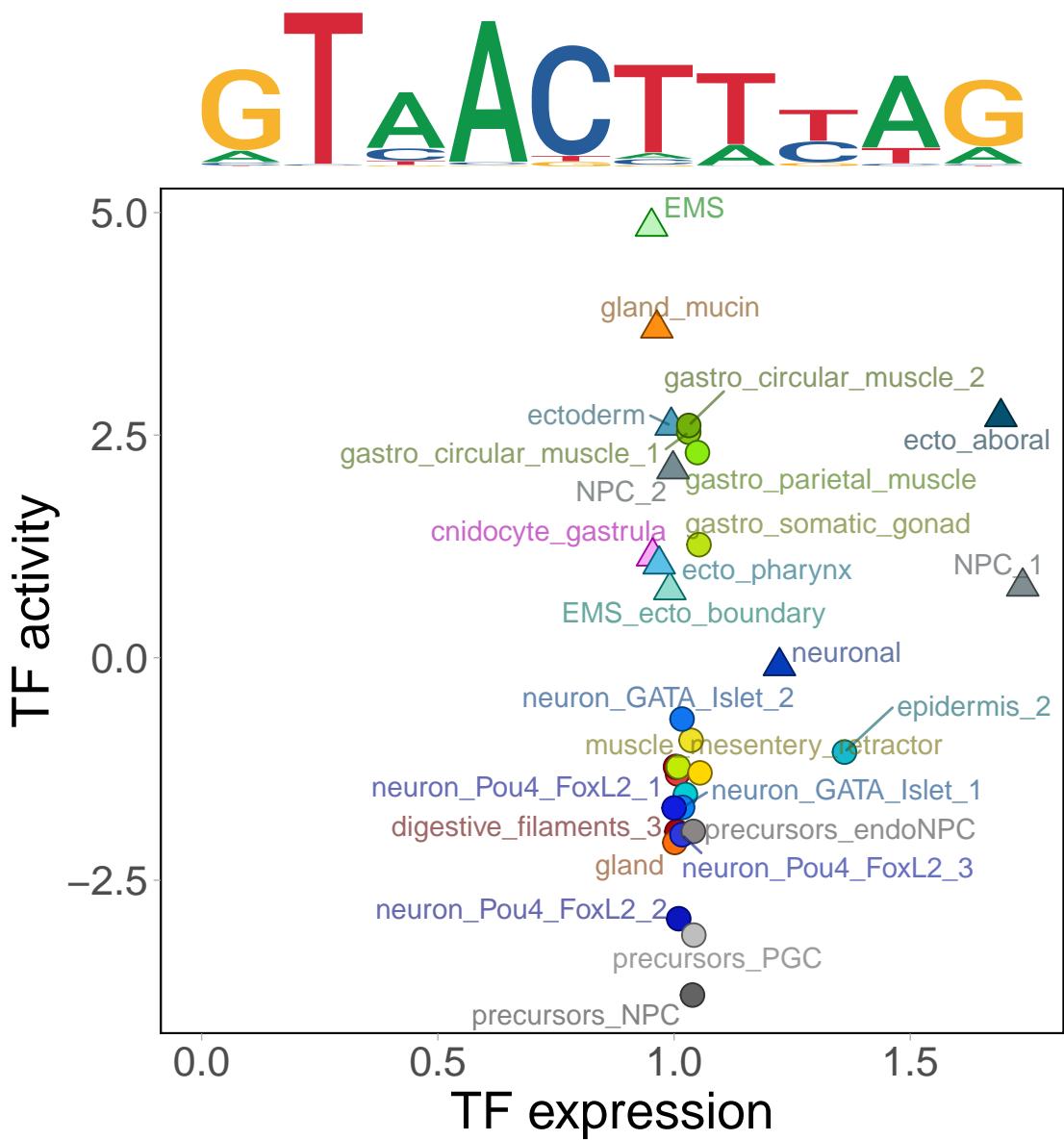
Nvec_vc1.1_XM_001633902.3
OG: T-box.HG1.12:TBX4/TBX5
PFAM: T-box
motif: ARCH837_Tbx10/Tbx1_Tbx18/Tbx19
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 63
gene expression correlation: 0.6493
gene score correlation: 0.1389



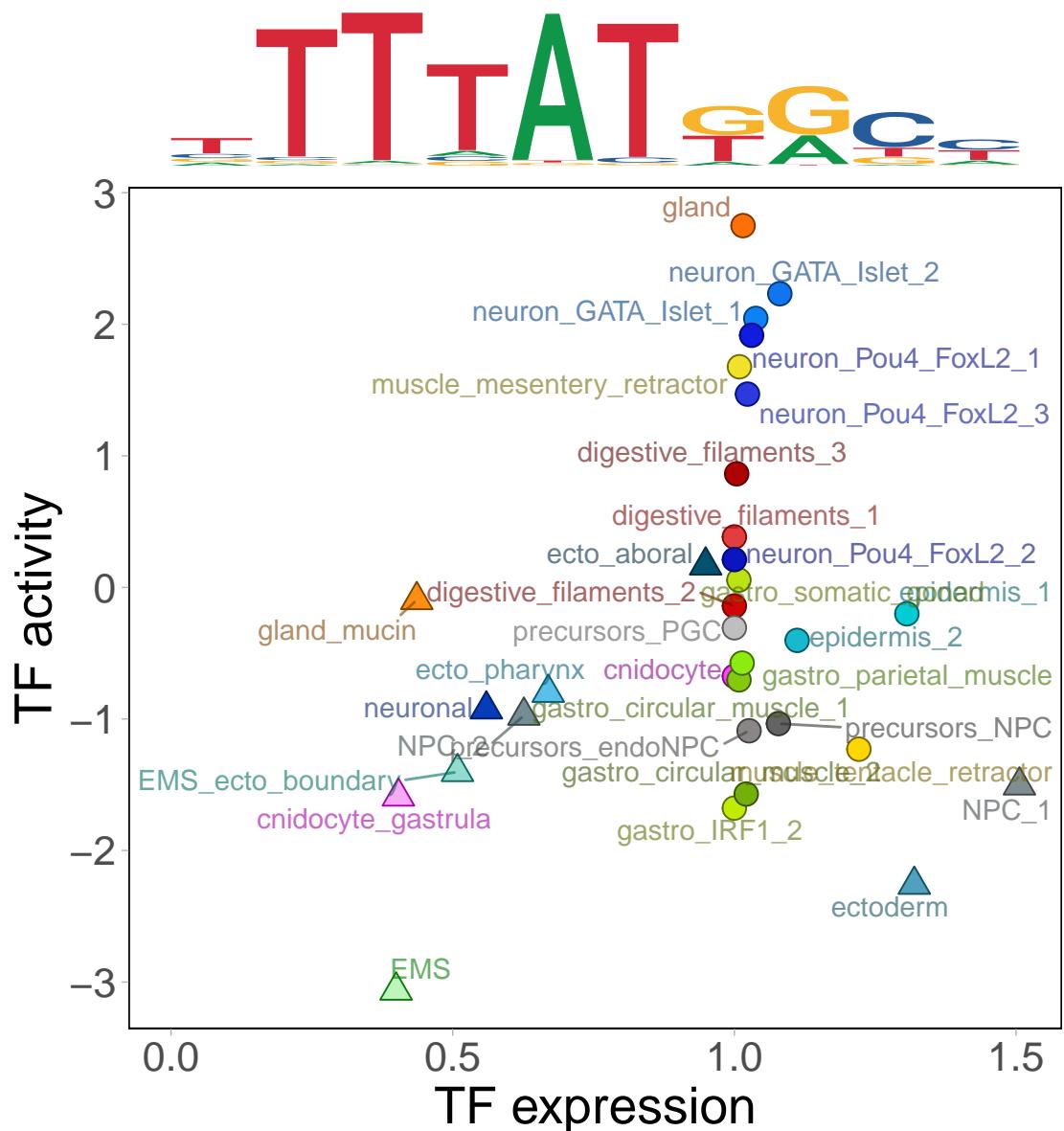
Nvec_vc1.1_XM_001633995.3
OG: Homeodomains.HG3.22:IRX1/IRX2
PFAM: Homeobox_KN
motif: ARCH126_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 35
gene expression correlation: -0.0557
gene score correlation: 0.5510



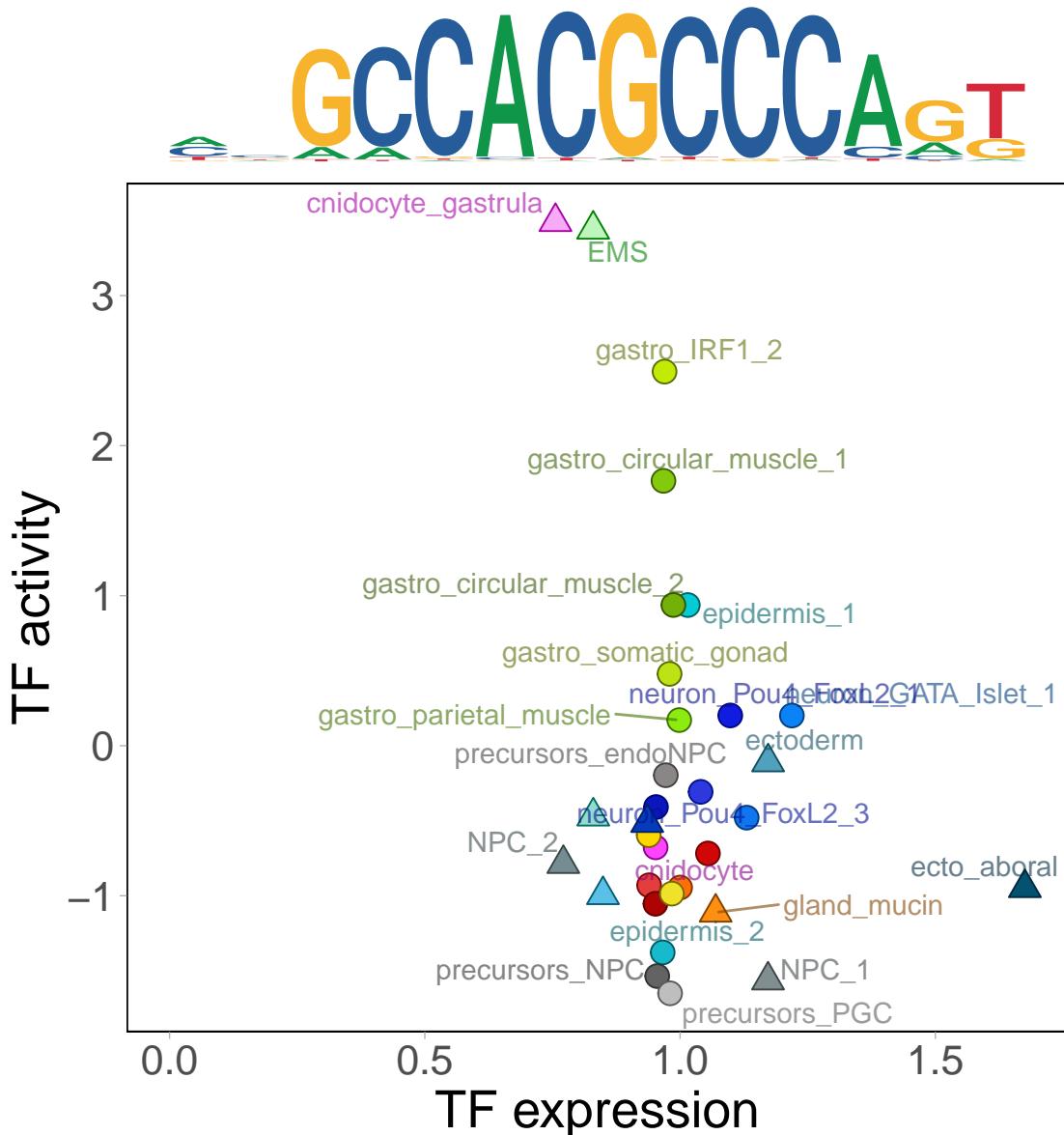
Nvec_vc1.1_XM_001634111.3
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead
motif: Nvec_vc1.1_XM_001634111.3_F
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1219
gene score correlation: -0.2555



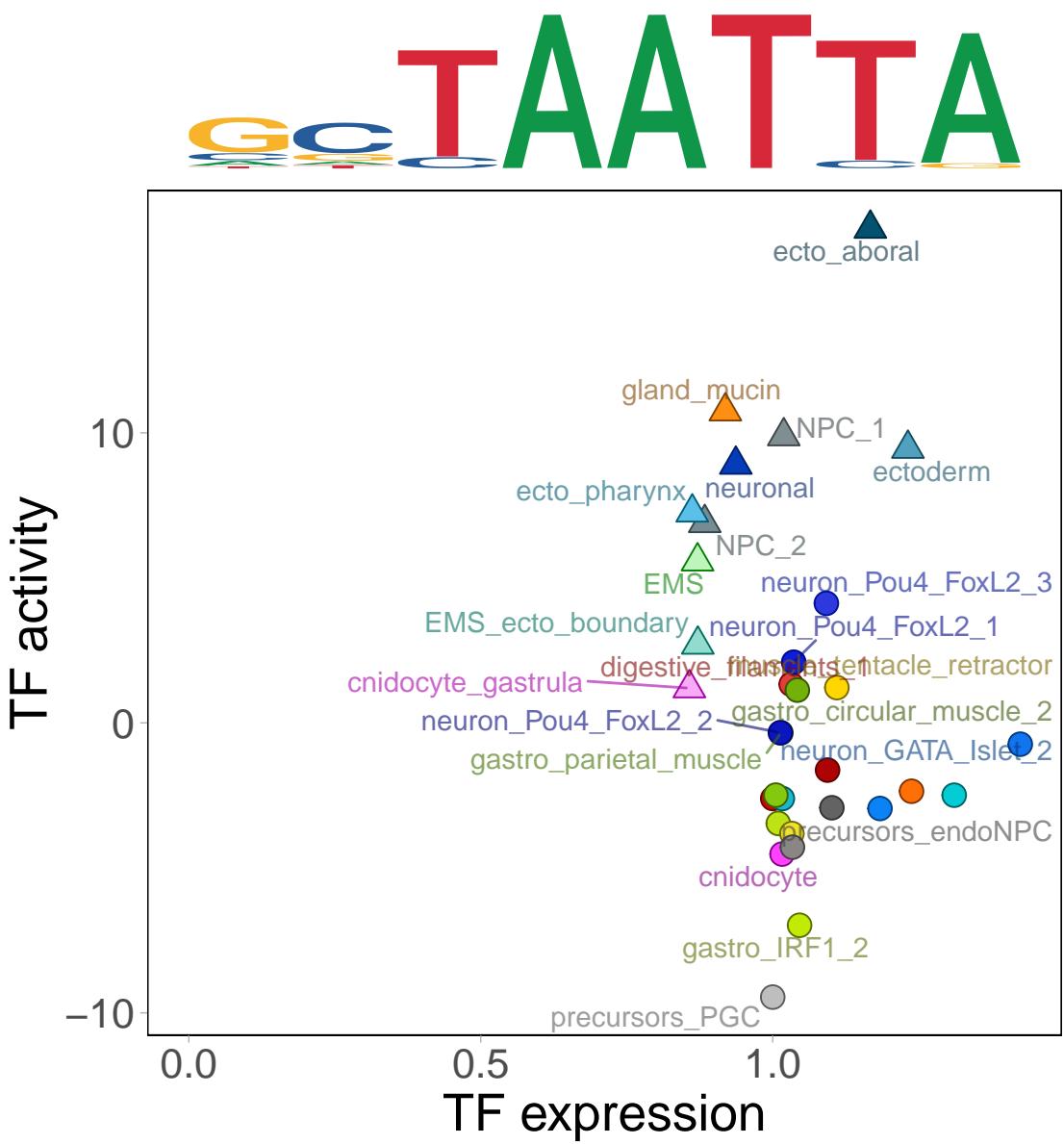
Nvec_vc1.1_XM_001634116.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
motif: ARCH1020_Alx3/Alx4/AIx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 97
gene expression correlation: 0.2242
gene score correlation: -0.1002



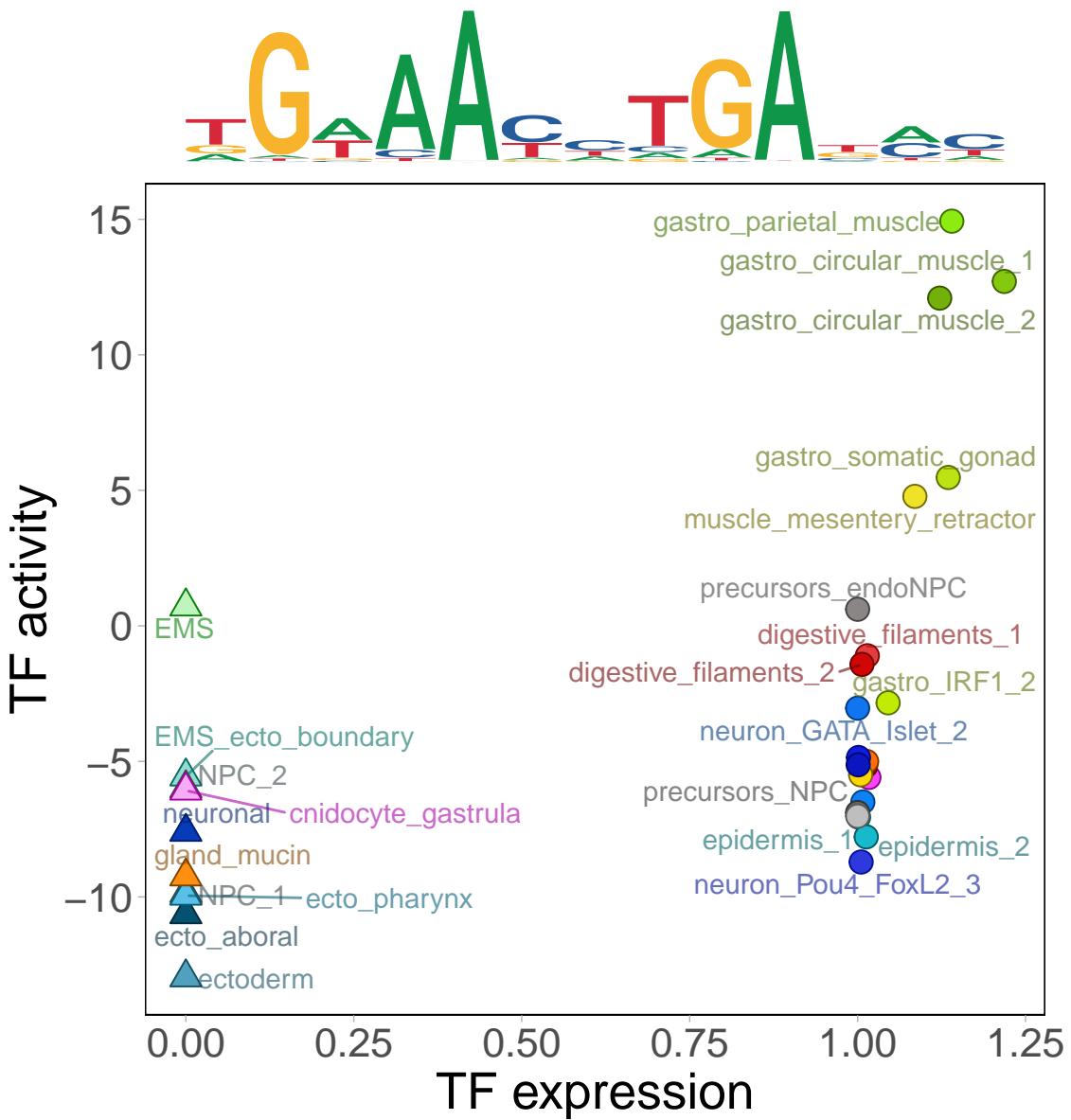
Nvec_vc1.1_XM_001634132.3
OG: zf-C2H2.HG2.14:SP1/SP2/SP3/SP4
PFAM: zf-C2H2/zf-C2H2
motif: ARCH405_Sp6/Sp5_Sp7/Sp8/Sp9
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 860
gene expression correlation: -0.2721
gene score correlation: -0.1249



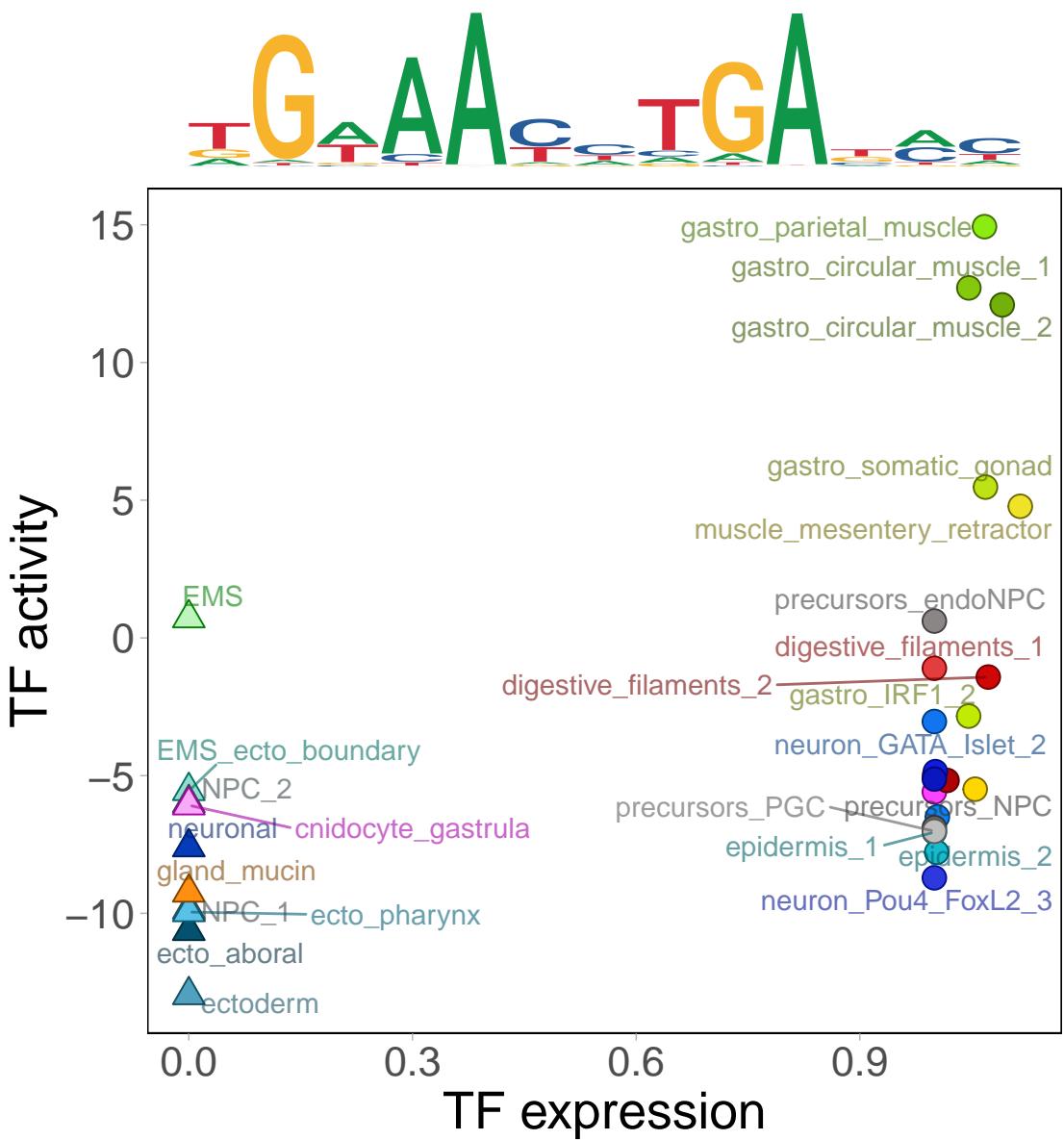
Nvec_vc1.1_XM_001634160.3
OG: Homeodomains.HG2.57:RAX/RAX
PFAM: Homeodomain/OAR
motif: Rax_241030_homer
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 0
gene expression correlation: -0.1528
gene score correlation: -0.0751



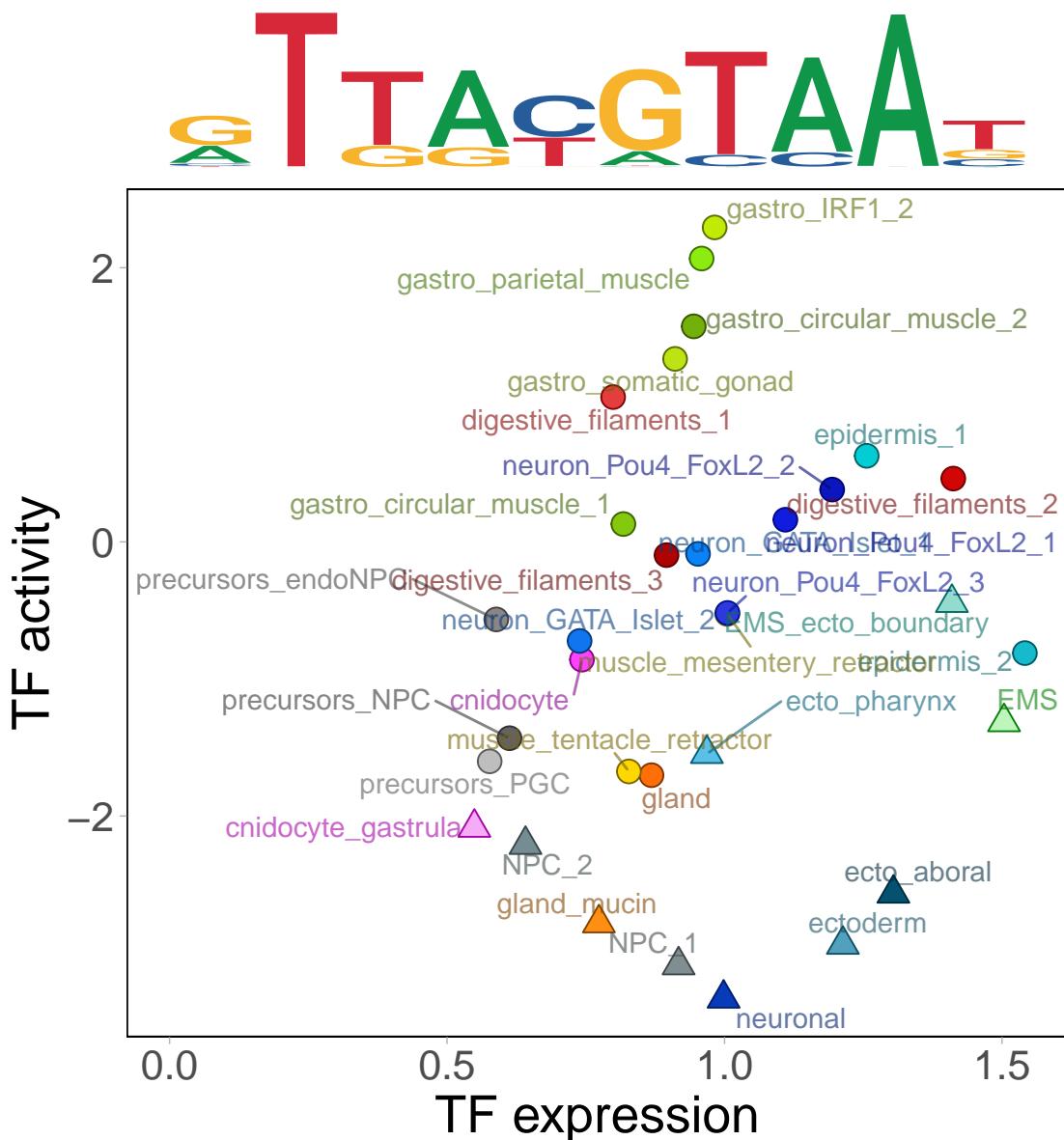
Nvec_vc1.1_XM_001634198.3
OG: Homeodomains.HG1.70:HOXA2/HG1.70
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5059
gene score correlation: 0.8221



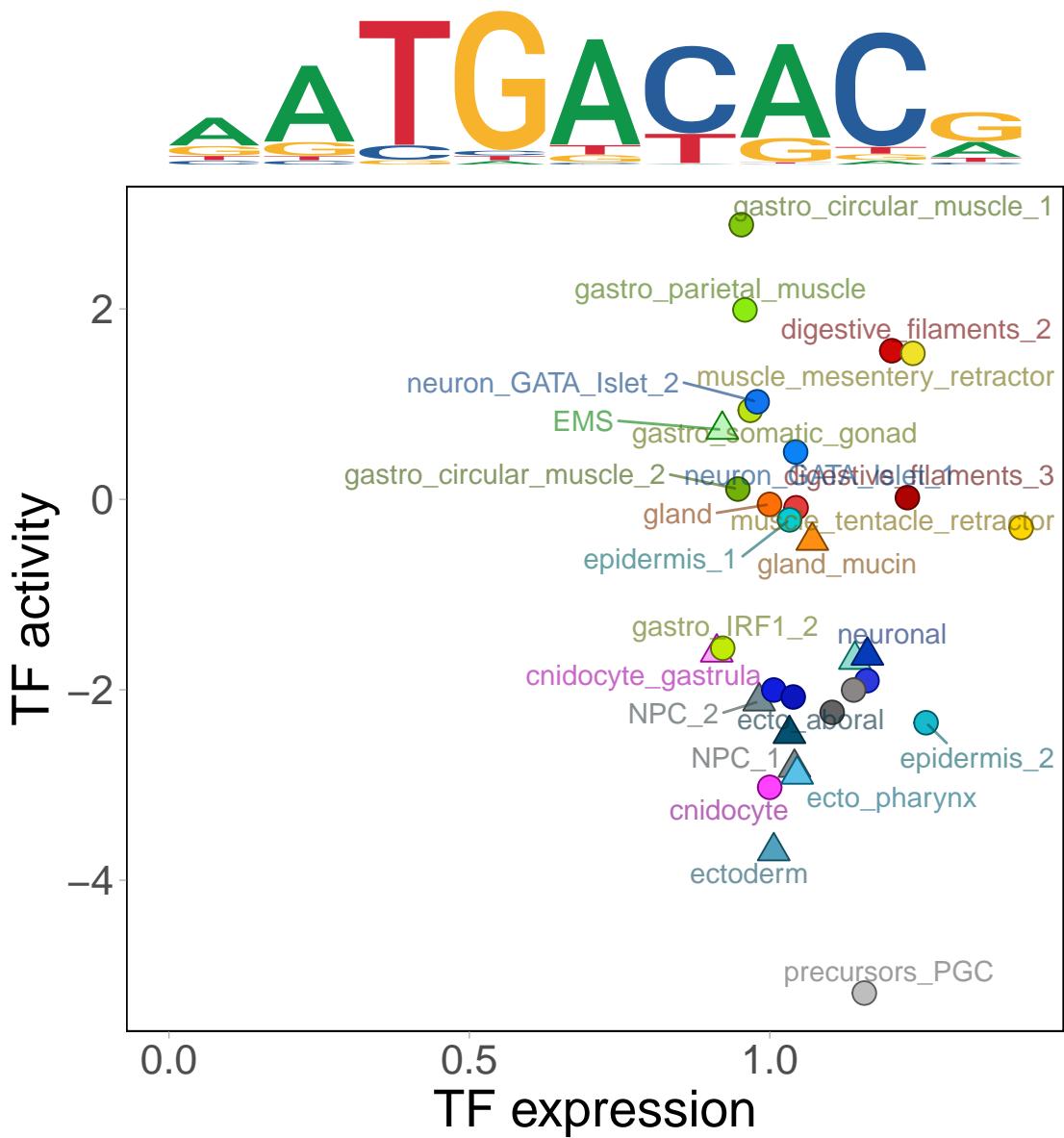
Nvec_vc1.1_XM_001634199.3
OG: Homeodomains.HG1.70:HOXA2/HG1.70
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4663
gene score correlation: 0.7923



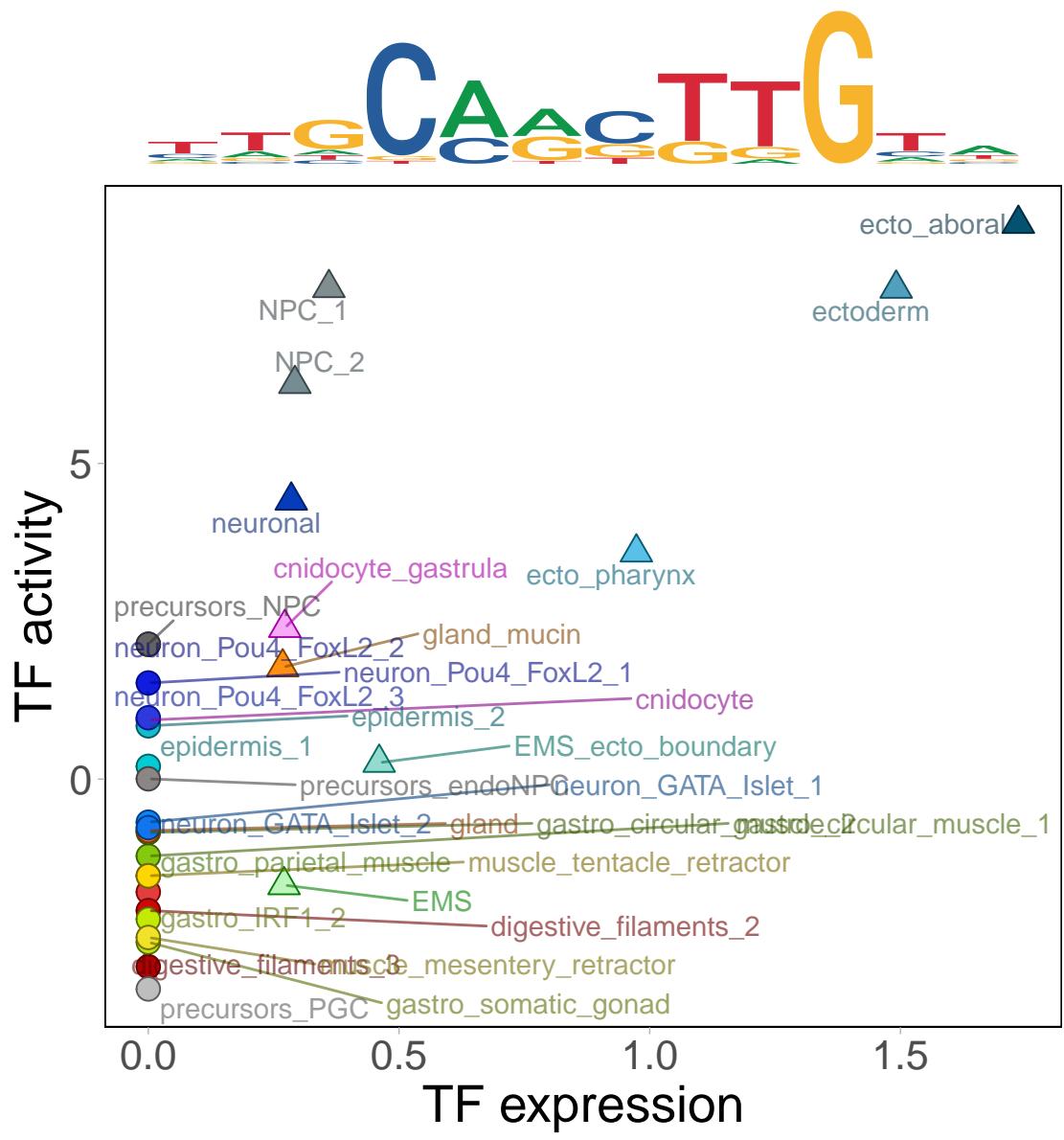
Nvec_vc1.1_XM_001634326.3
OG: bZIP.HG2.0:like:CEBPA/CEBPB/C
PFAM: bZIP_2
motif: ARCH1064_M06023_2.00__M02
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 239
gene expression correlation: 0.1233
gene score correlation: 0.2459



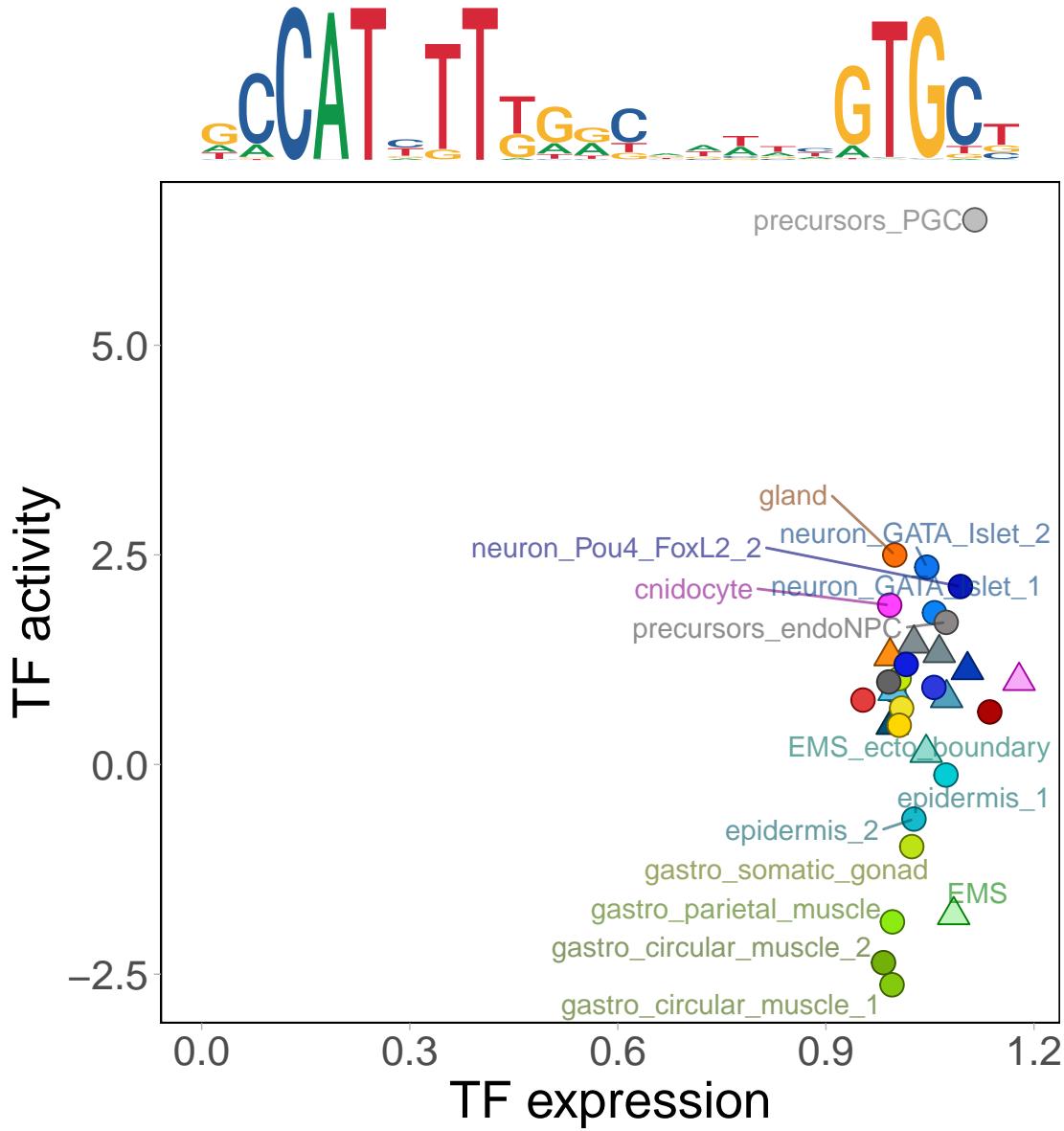
Nvec_vc1.1_XM_001634460.3
OG: bZIP.HG2.13:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH952_Fos/Fosb/Fosl1/Fosl...
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 98
gene expression correlation: -0.0951
gene score correlation: 0.4813



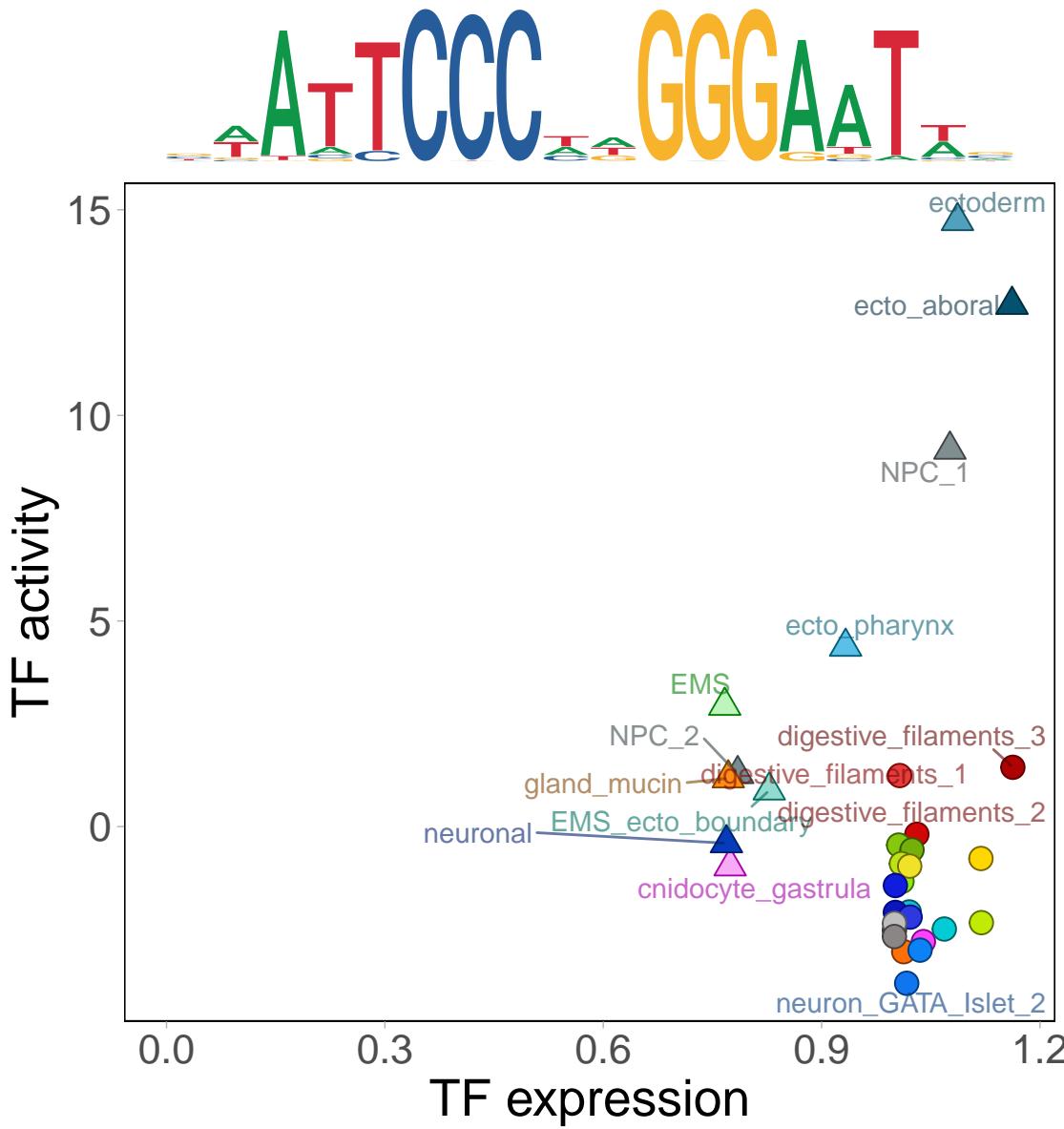
Nvec_vc1.1_XM_001634550.3
OG: HLH.HG1.53:HES5/HES7
PFAM: HLH
motif: ARCH473_bHLH80_ZSCAN4
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 164
gene expression correlation: 0.7424
gene score correlation: 0.7421



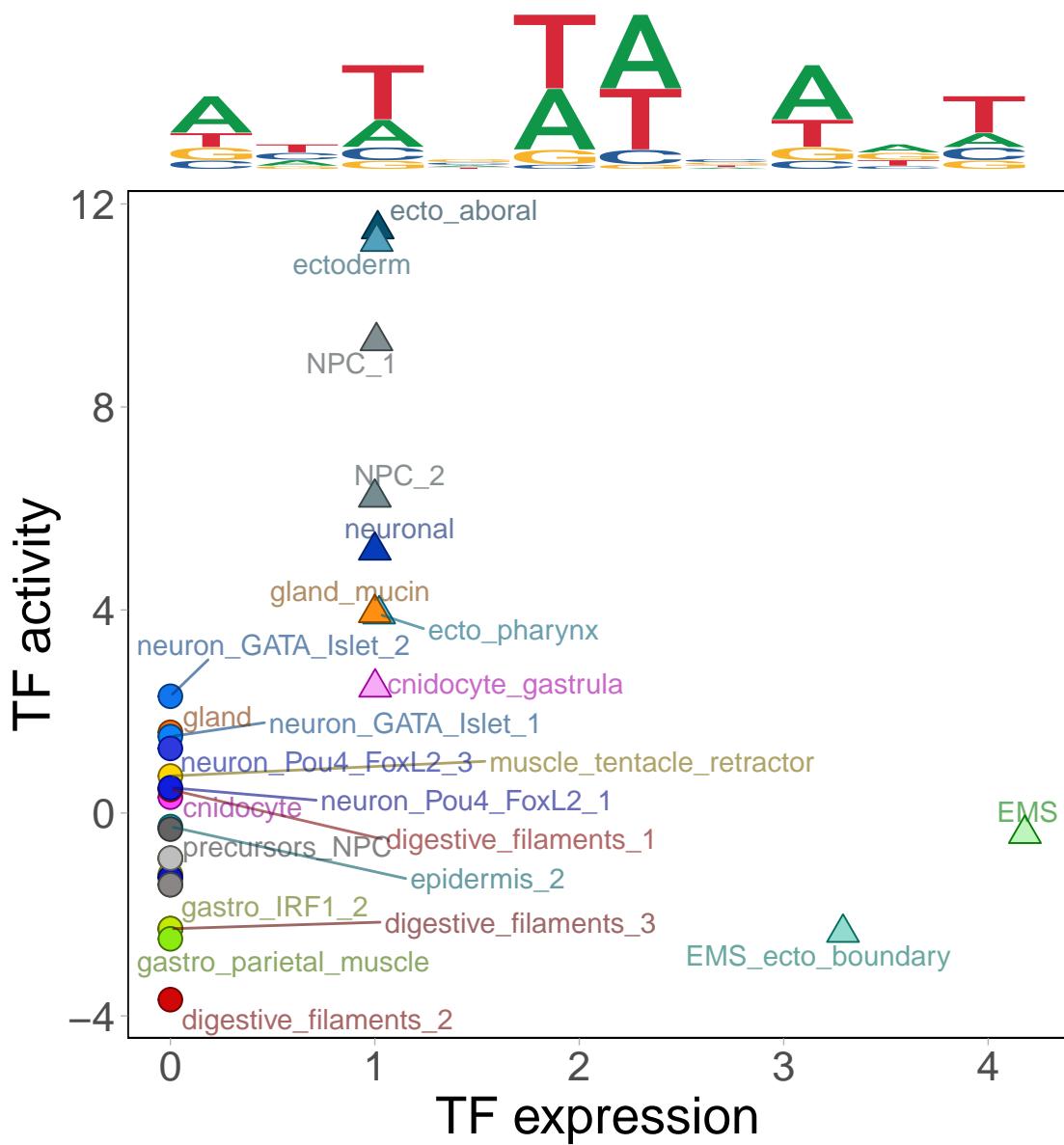
Nvec_vc1.1_XM_001634673.3
OG: zf-C2H2.HG1.5:ZNF688
PFAM: zf-C2H2_11/zf-C2H2/zf-C2H2/
motif: ARCH1255_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 13
gene expression correlation: 0.2999
gene score correlation: 0.4594



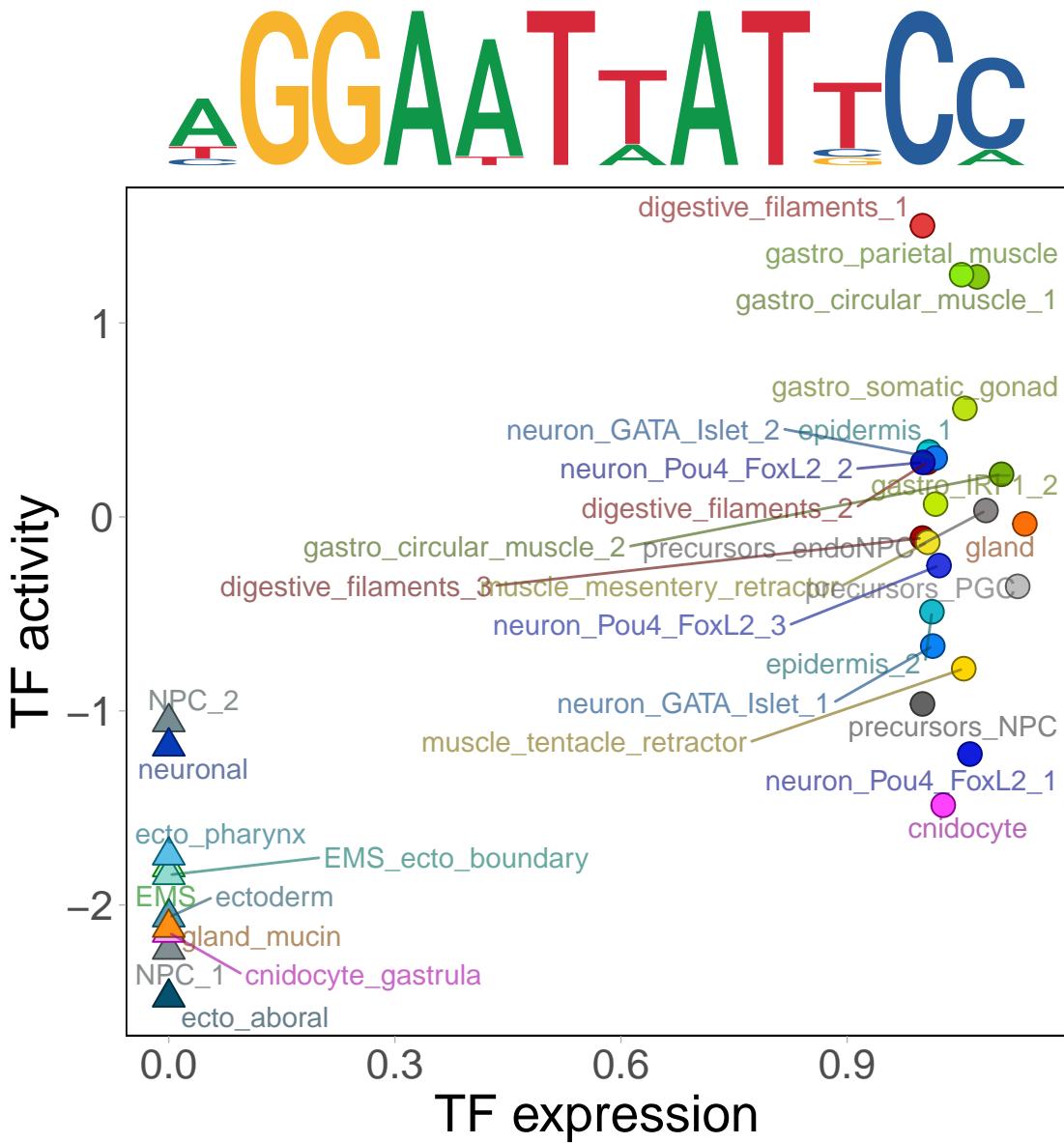
Nvec_vc1.1_XM_001634712.3
OG: HLH.HG2.0:EBF1/EBF2/EBF3/EBF4
PFAM: COE1_DB/DBD/TIG/COE1_HLH
motif: M03721_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1312
gene score correlation: 0.4714



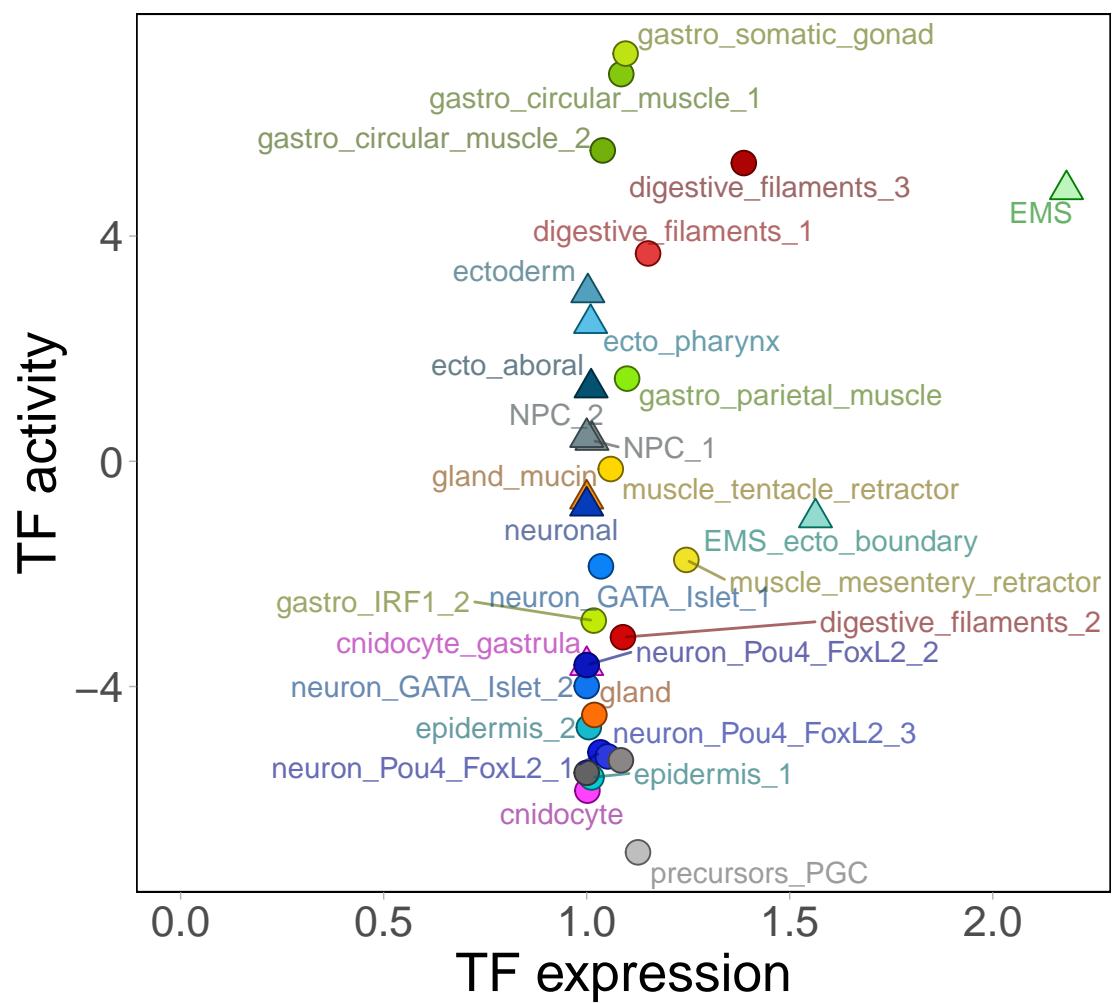
Nvec_vc1.1_XM_001634768.3
OG: Homeodomains.HG2.11:DUX4/DU
PFAM: Homeodomain
motif: M02082_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2234
gene score correlation: 0.5542



Nvec_vc1.1_XM_001634946.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain
motif: ARCH1055_MF0010.1_Homeobd
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1149
gene expression correlation: 0.7895
gene score correlation: 0.1258



Nvec_vc1.1_XM_001634956.3
OG: Homeodomains.HG2.43:GSC/GSC
PFAM: Homeodomain
motif: ARCH1430_Dmbx1_Gsc2/Gsc//C
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 383
gene expression correlation: 0.3344
gene score correlation: 0.4911



Nvec_vc1.1_XM_001635015.3

OG: Homeodomains.HG2.68:like:ARX/O

PFAM: Homeodomain

motif: ARCH41_Alx3/Alx4/Alx1_Barx2...

TF family: Homeodomains

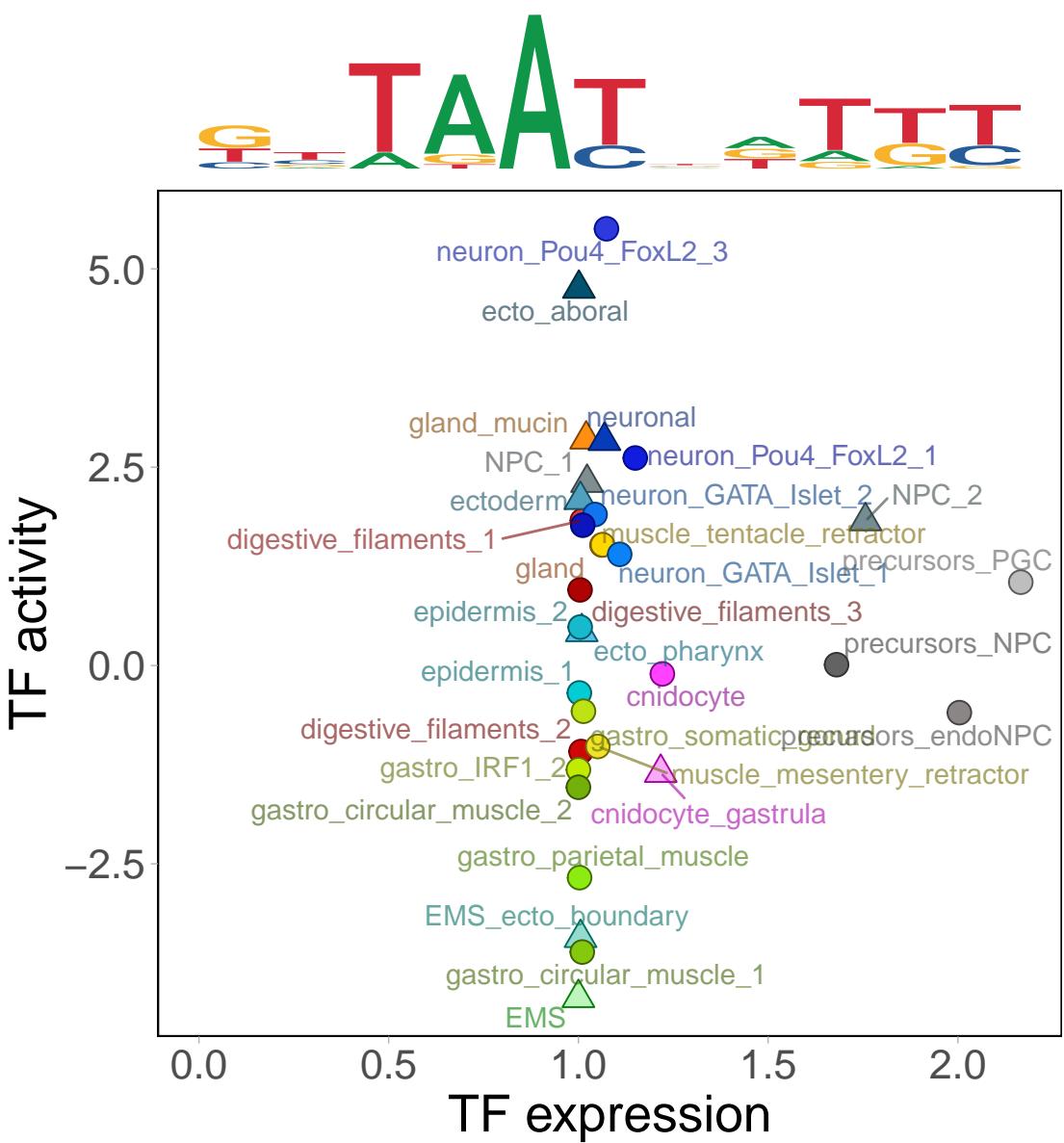
archetype family: Homeodomains

CisBP assigned: TRUE

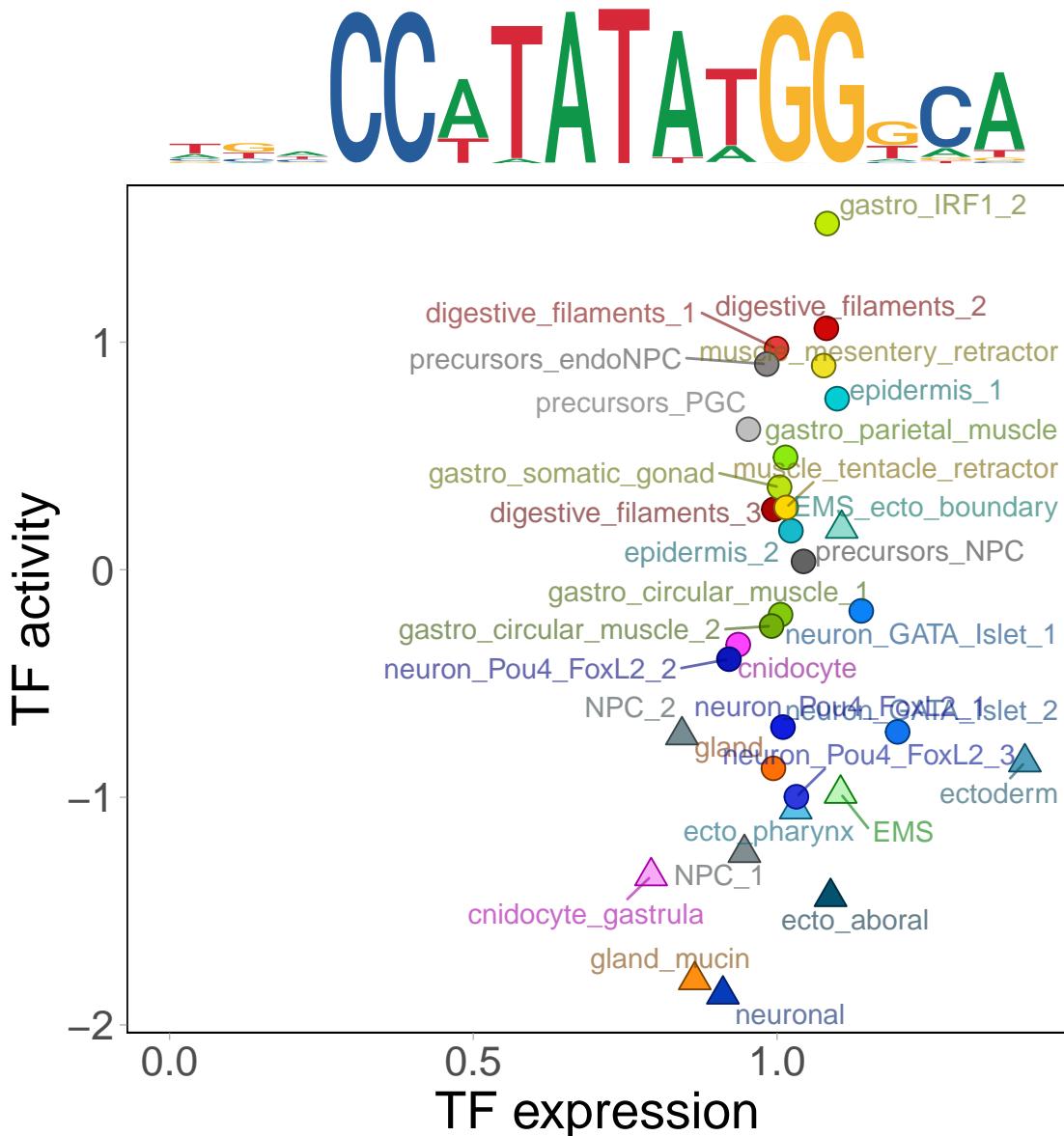
rank: 219

gene expression correlation: 0.0374

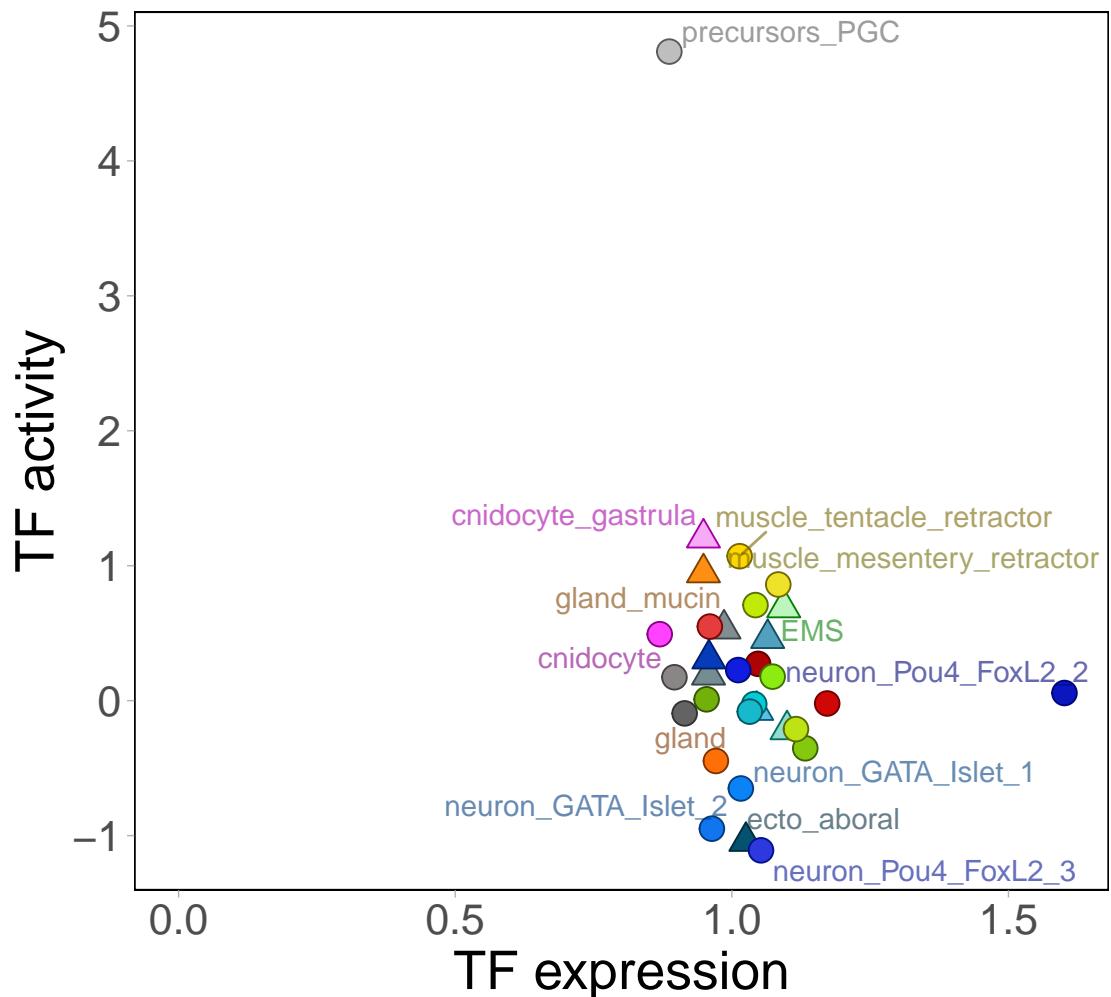
gene score correlation: -0.0178



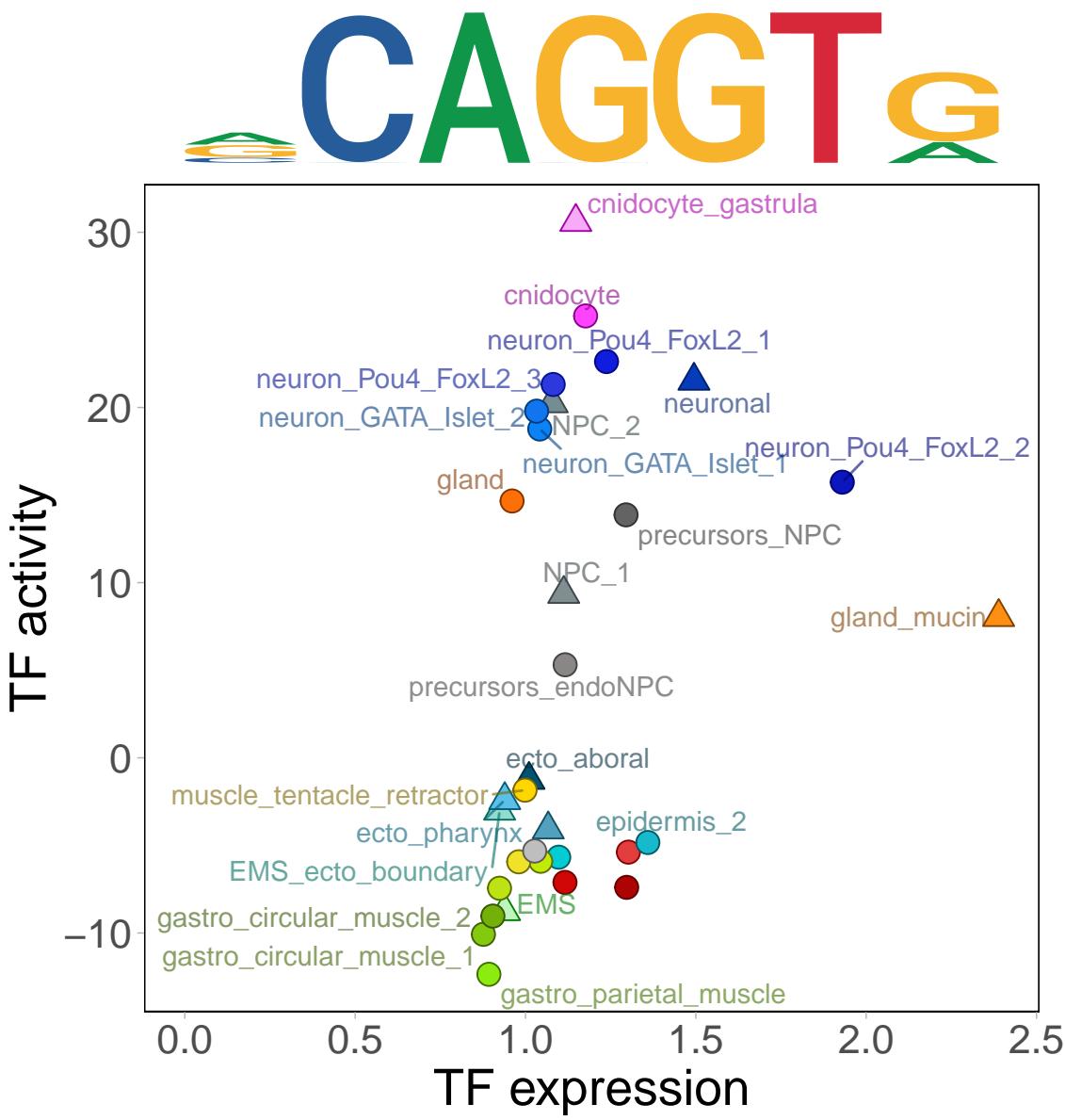
Nvec_vc1.1_XM_001635041.3
OG: MADS-box_SRF.HG1.0:SRF
PFAM: SRF-TF
motif: ARCH1309_Srf
TF family: MADS-box_SRF
archetype family: MADS-box_SRF
CisBP assigned: TRUE
rank: 286
gene expression correlation: 0.2031
gene score correlation: 0.2885



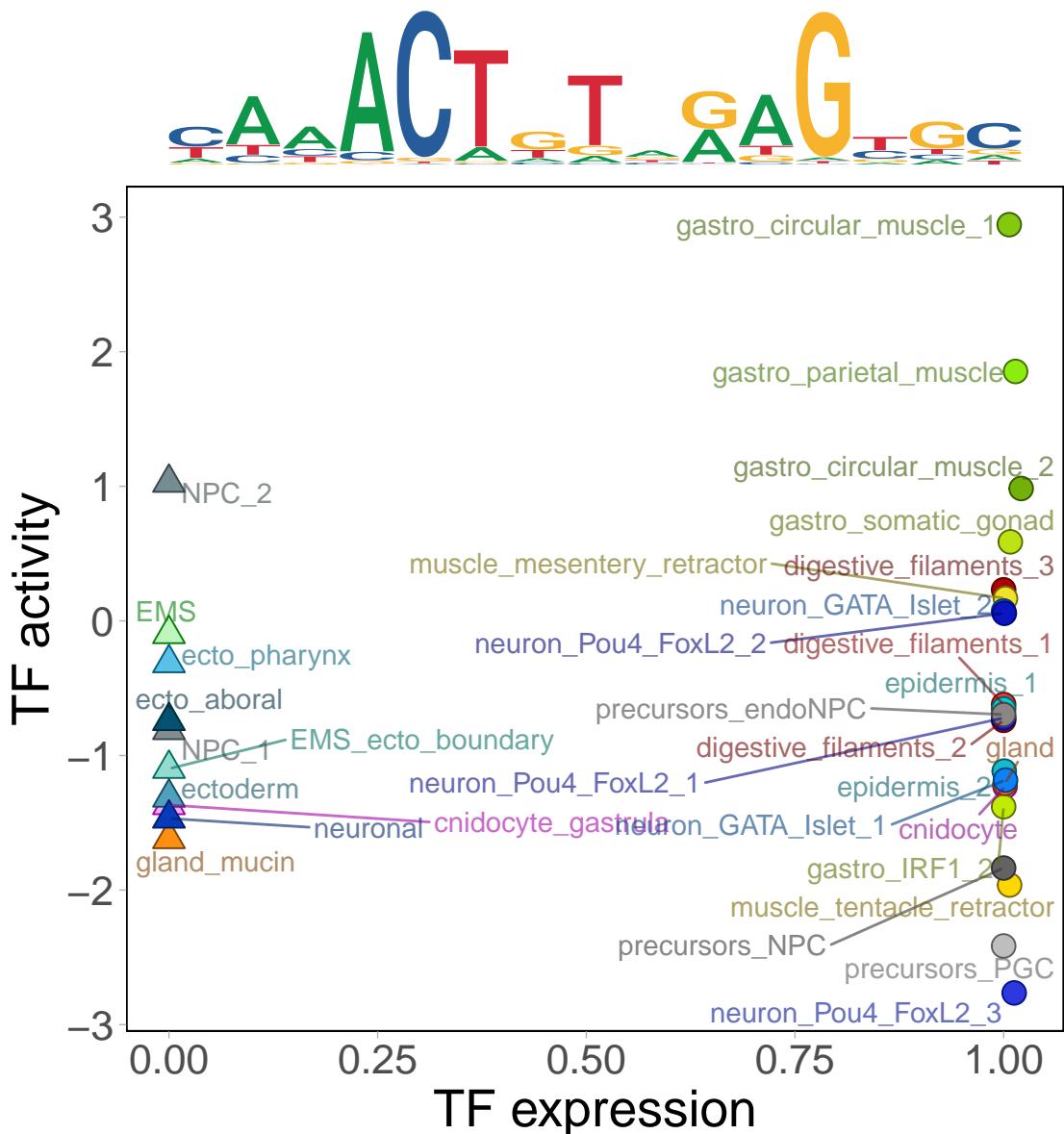
Nvec_vc1.1_XM_001635120.3
OG: zf-C2H2.HG1.207:like:AC008758.1
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH385_M08281_2.00_ZNF7
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 87
gene expression correlation: -0.2300
gene score correlation: 0.1131



Nvec_vc1.1_XM_001635172.3
OG: HLH.HG1.38:MXD1/MXD3/MXD4/M
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 478
gene expression correlation: 0.3015
gene score correlation: 0.0071



Nvec_vc1.1_XM_001635190.3
OG: zf-C2H2.HG1.30:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1370_M05856_2.00
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 125
gene expression correlation: 0.1025
gene score correlation: 0.5629



Nvec_vc1.1_XM_001635275.3

OG: HLH.HG1.63:like:HES5/HES7

PFAM: HLH

motif: ARCH1533_BHLH112

TF family: HLH

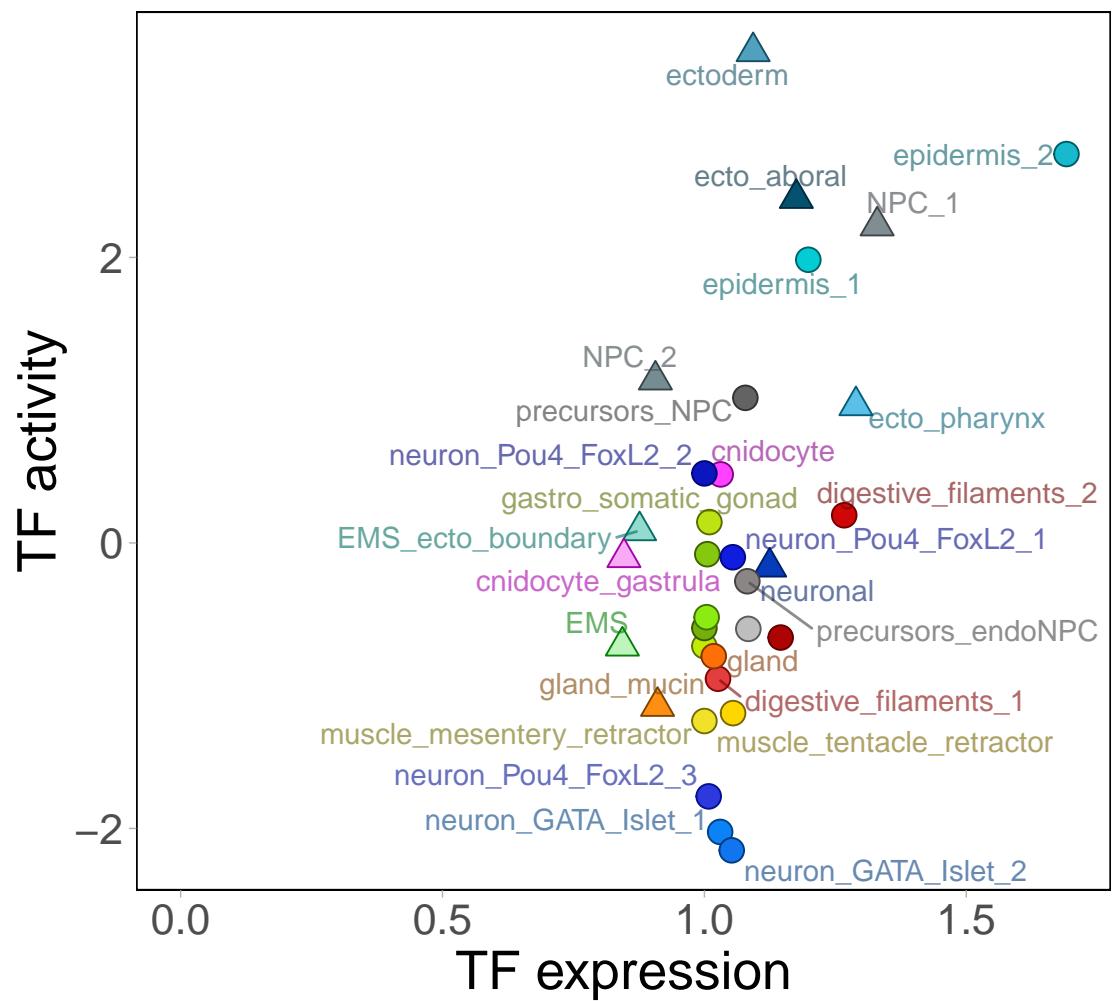
archetype family: HLH

CisBP assigned: FALSE

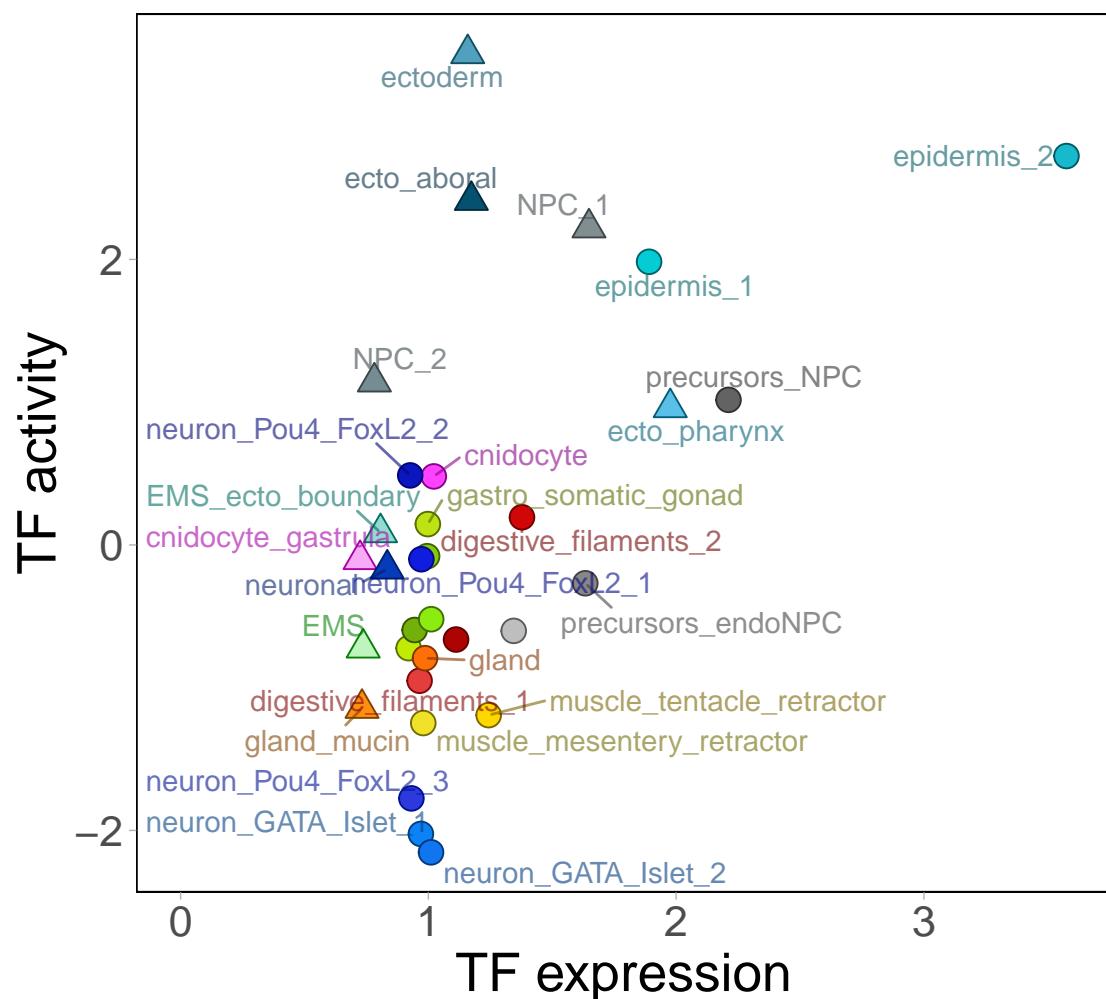
rank: 93

gene expression correlation: 0.5389

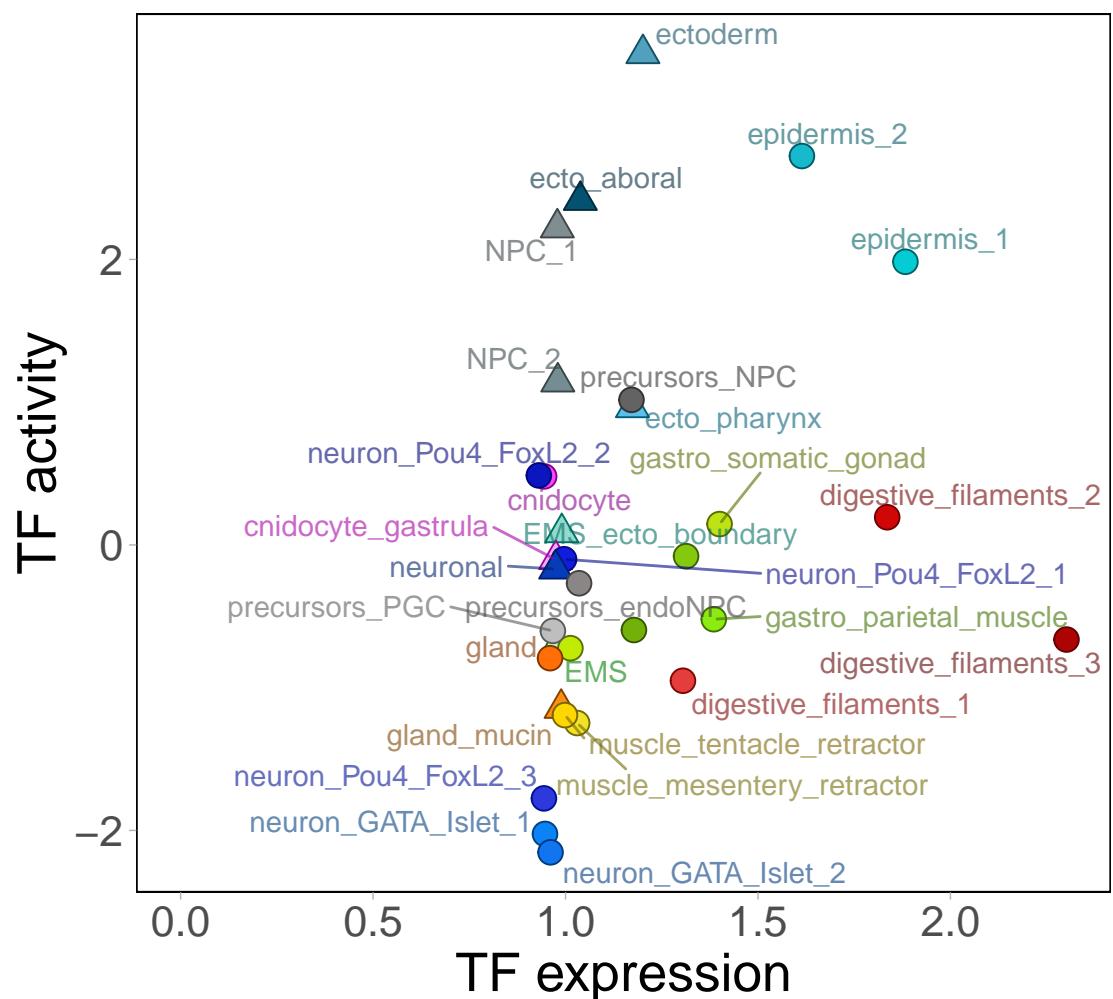
gene score correlation: 0.4044



Nvec_vc1.1_XM_001635276.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.5370
gene score correlation: 0.5780



Nvec_vc1.1_XM_001635277.3
OG: HLH.HG1.62:like:HES5/HES7
PFAM: HLH/Hairy_orange
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.2339
gene score correlation: 0.5622



Nvec_vc1.1_XM_001635315.3

OG: HLH.HG1.63:like:HES5/HES7

PFAM: HLH

motif: M00933_2.00

TF family: HLH

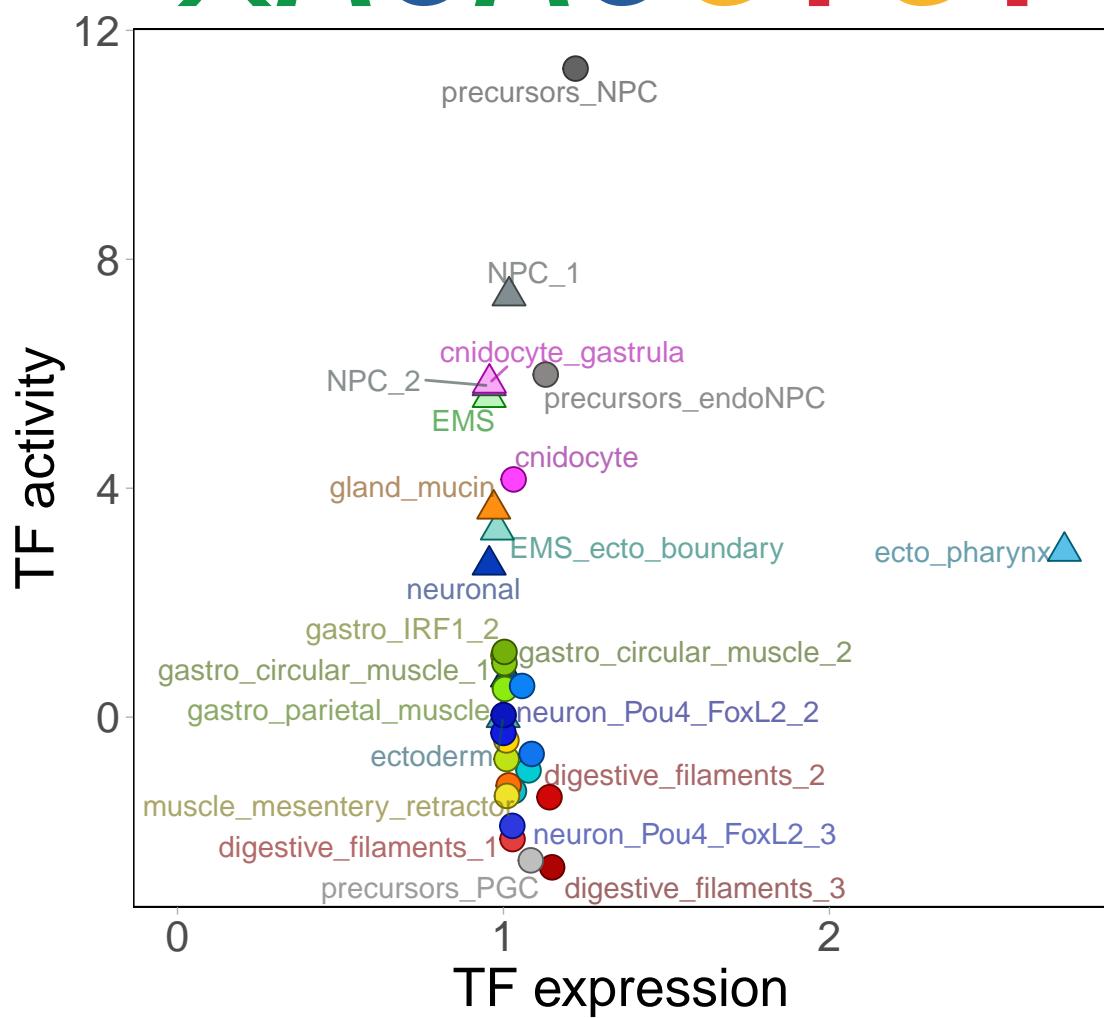
archetype family: HLH

CisBP assigned: FALSE

rank: 0

gene expression correlation: 0.0829

gene score correlation: 0.0119



Nvec_vc1.1_XM_001635316.3

OG: HLH.HG1.53:HES5/HES7

PFAM: HLH

motif: ARCH1533_BHLH112

TF family: HLH

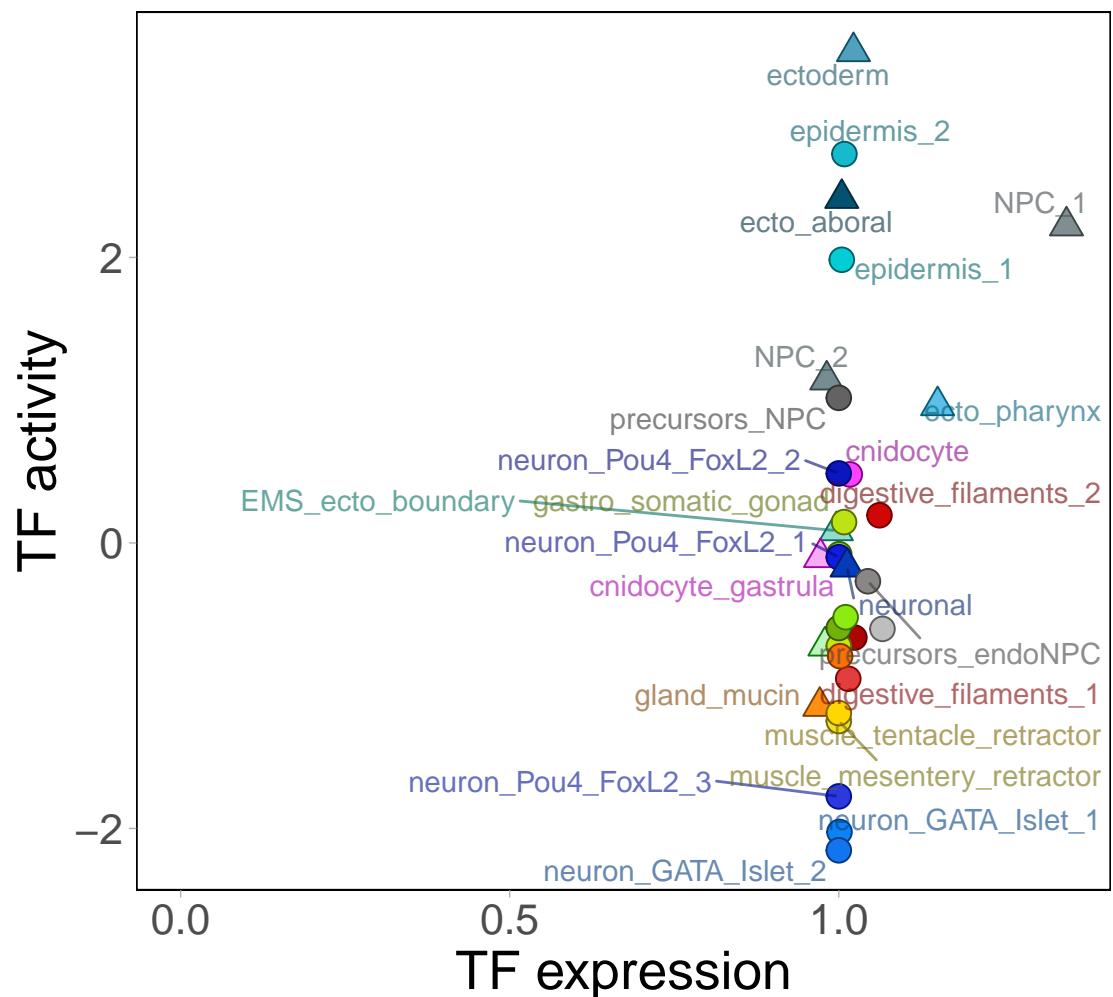
archetype family: HLH

CisBP assigned: FALSE

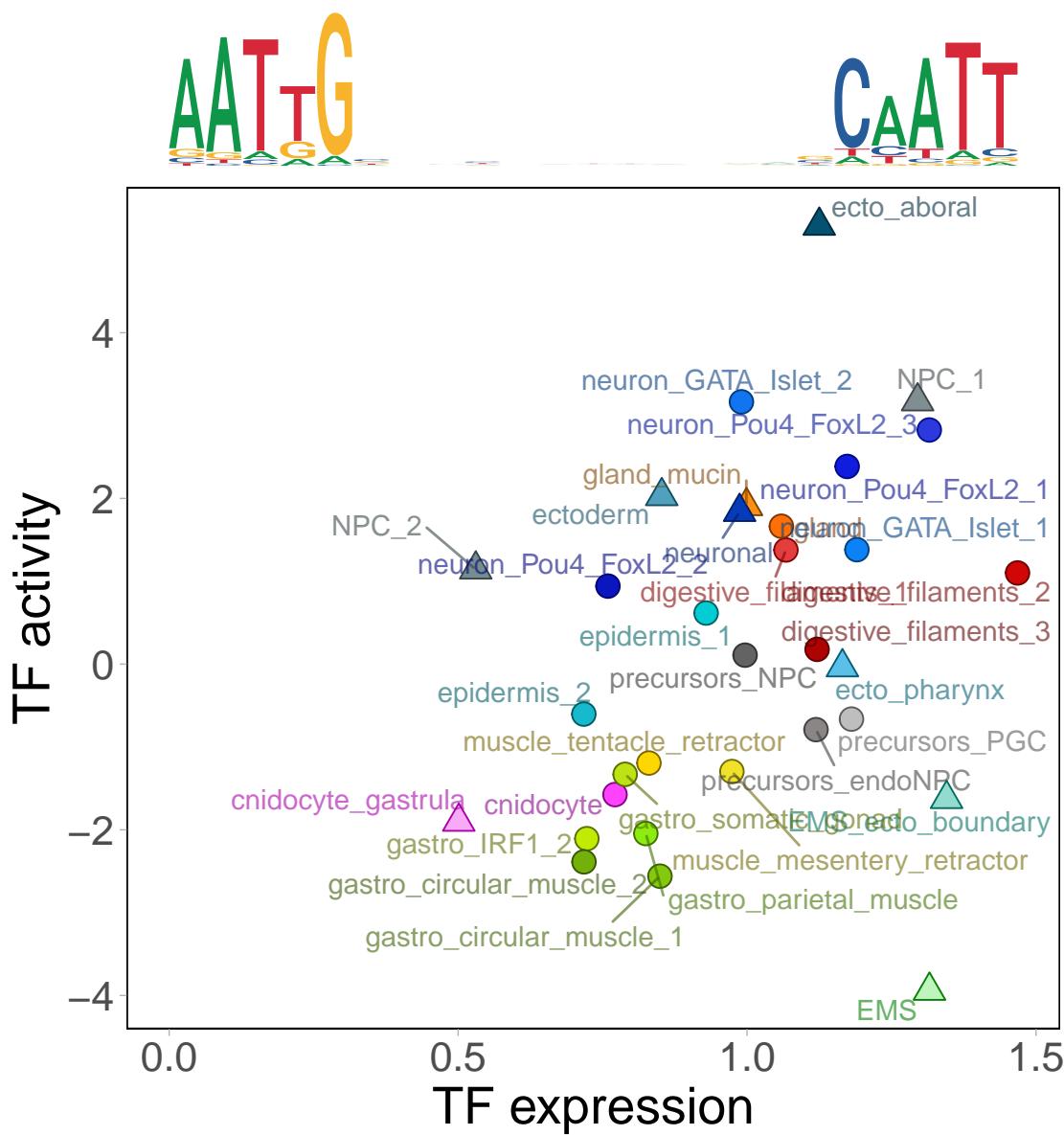
rank: 351

gene expression correlation: 0.3348

gene score correlation: 0.3294



Nvec_vc1.1_XM_001635374.3
OG: Homeodomains.HG3.7:PBX1/PBX2
PFAM: PBC/Homeodomain
motif: ARCH300_Emx1/Emx2_Hmx1/Hr
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.3107
gene score correlation: 0.4985



Nvec_vc1.1_XM_001636116.3

OG: TBP.HG1.3:TBP/TBPL2

PFAM: TBP/TBP

motif: M00216_2.00

TF family: TBP

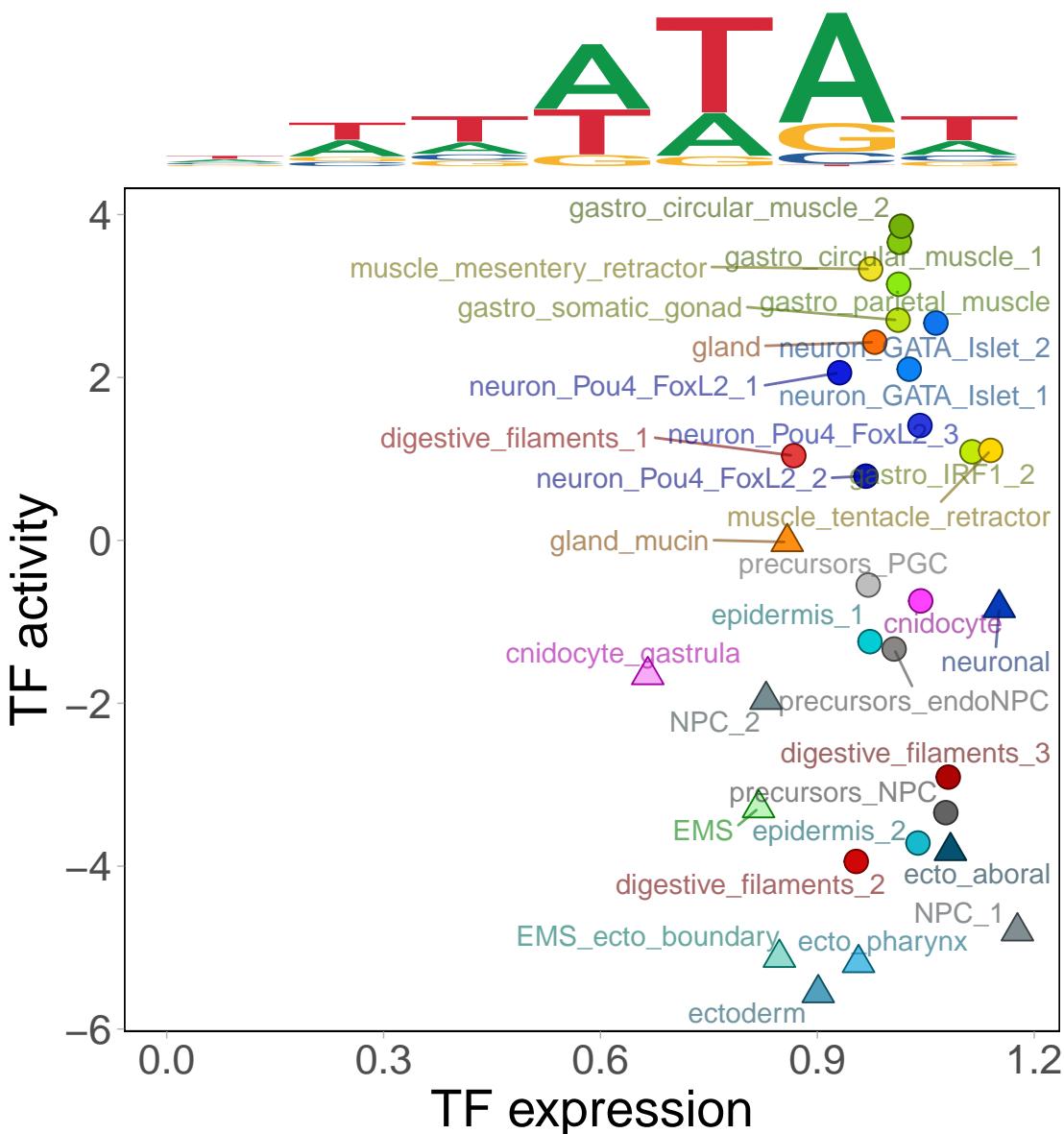
archetype family: TBP

CisBP assigned: TRUE

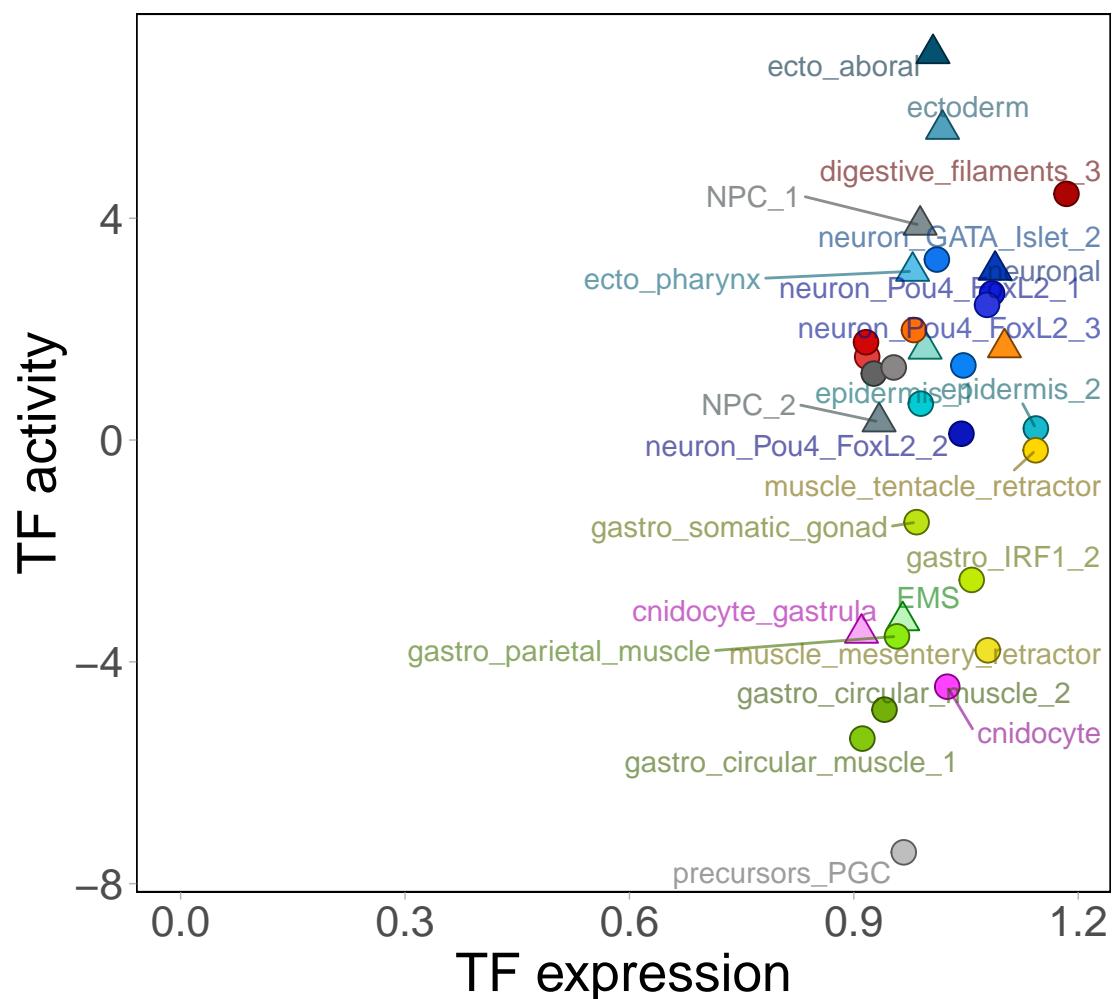
rank: 0

gene expression correlation: 0.1374

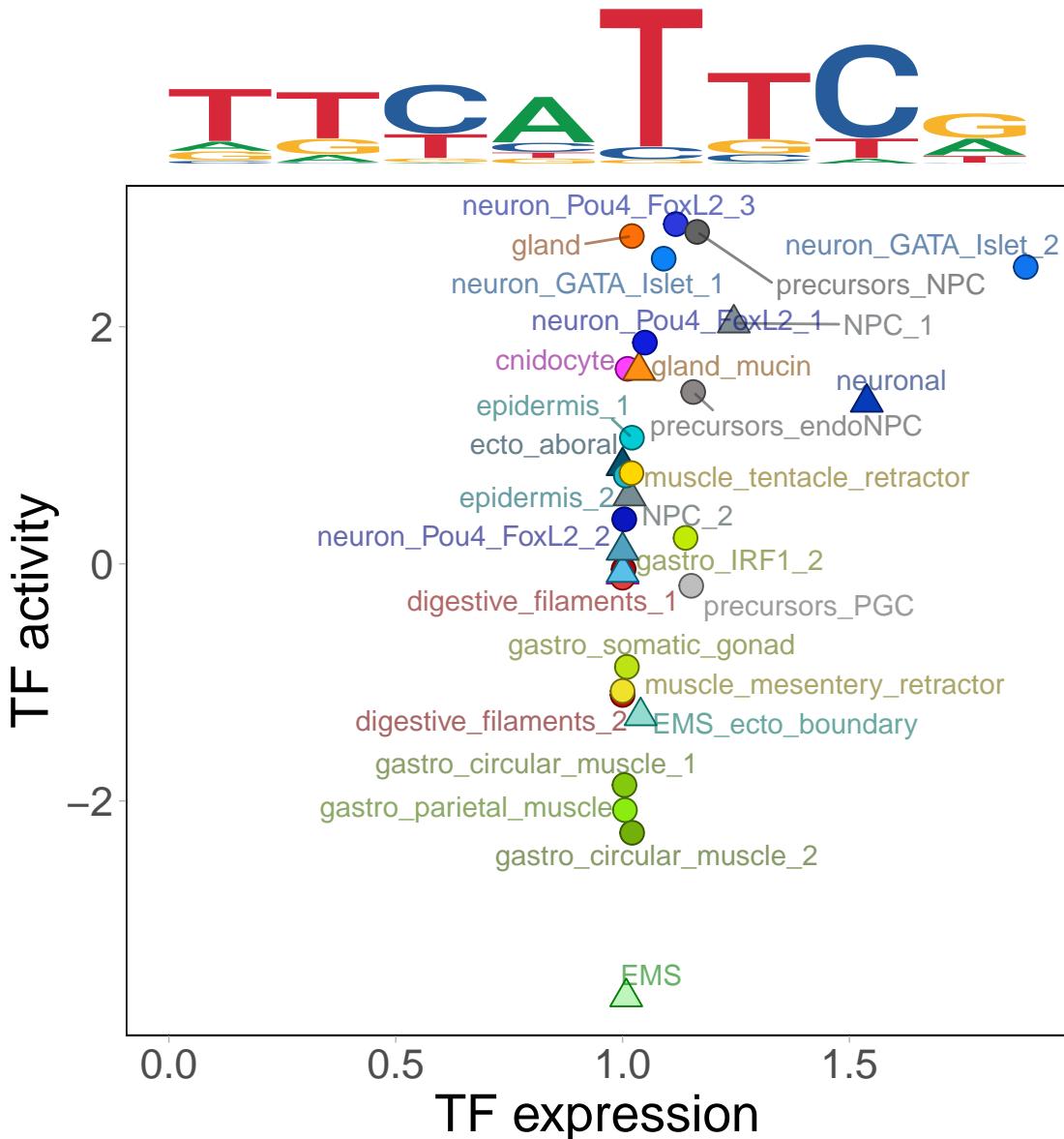
gene score correlation: 0.1410



Nvec_vc1.1_XM_001636163.3
OG: Homeodomains.HG4.4:POU6F1/POU
PFAM: DFP/DFP/Pou/Homeodomain
motif: ARCH1054_POU3F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 126
gene expression correlation: 0.2934
gene score correlation: 0.1608



Nvec_vc1.1_XM_001636315.3
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1204_ARR1_ZNF24
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 34
gene expression correlation: 0.3997
gene score correlation: 0.5350



Nvec_vc1.1_XM_001636352.3

OG: Ets.HG1.2:ELK1/ELK3/ELK4

PFAM: Ets

motif: ARCH585_Spdef

TF family: Ets

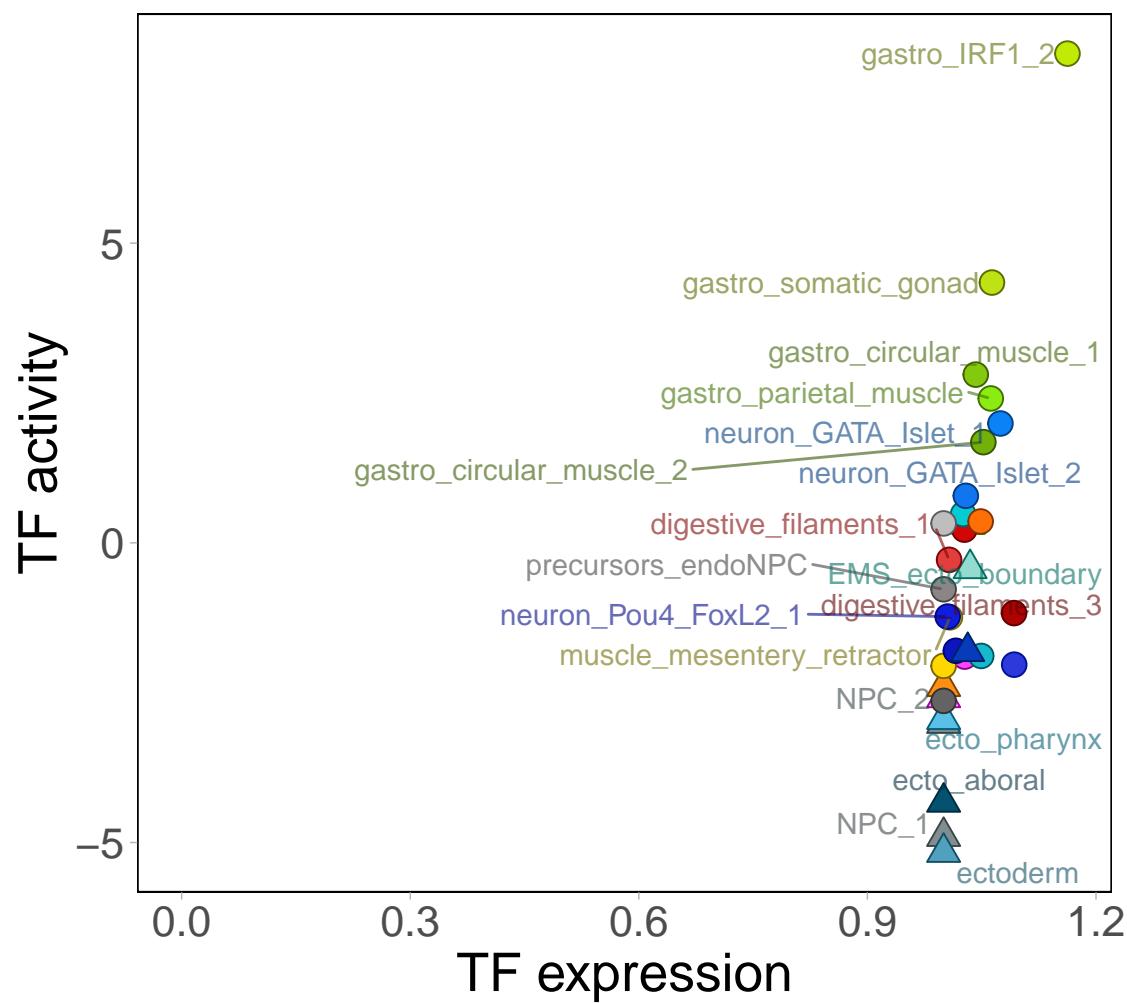
archetype family: Ets

CisBP assigned: FALSE

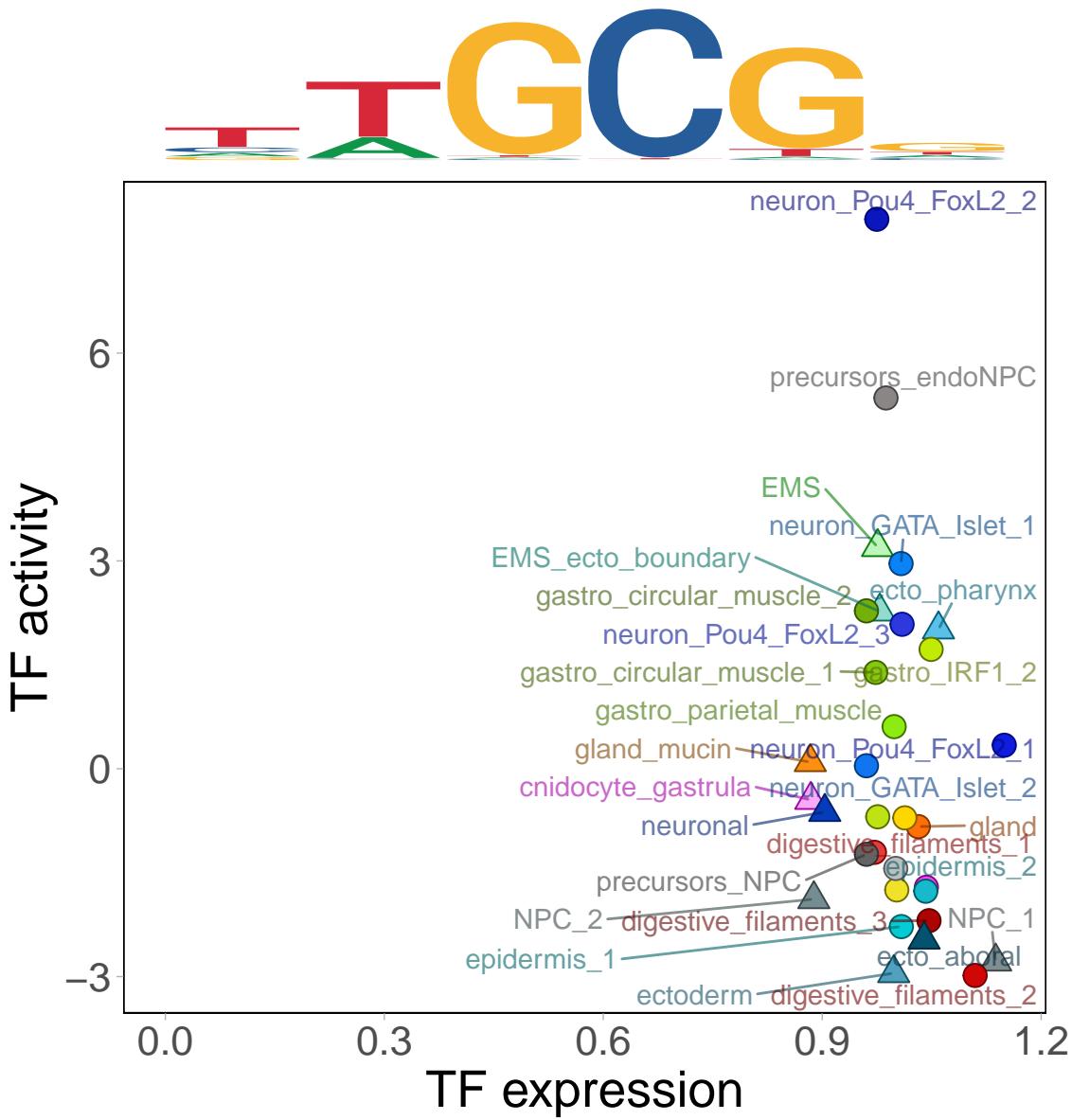
rank: 1

gene expression correlation: 0.7224

gene score correlation: 0.6303



Nvec_vc1.1_XM_001636464.3
OG: Myb.HG7.0:TERF2IP
PFAM: BRCT_2/Myb_DNA-bind_2
motif: ARCH646_Msantd4/Mypop_Terf2
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 65
gene expression correlation: -0.1868
gene score correlation: 0.2745



Nvec_vc1.1_XM_001636622.3

OG: HLH.HG1.37:MNT

PFAM: HLH

motif: M05979_2.00

TF family: HLH

archetype family: HLH

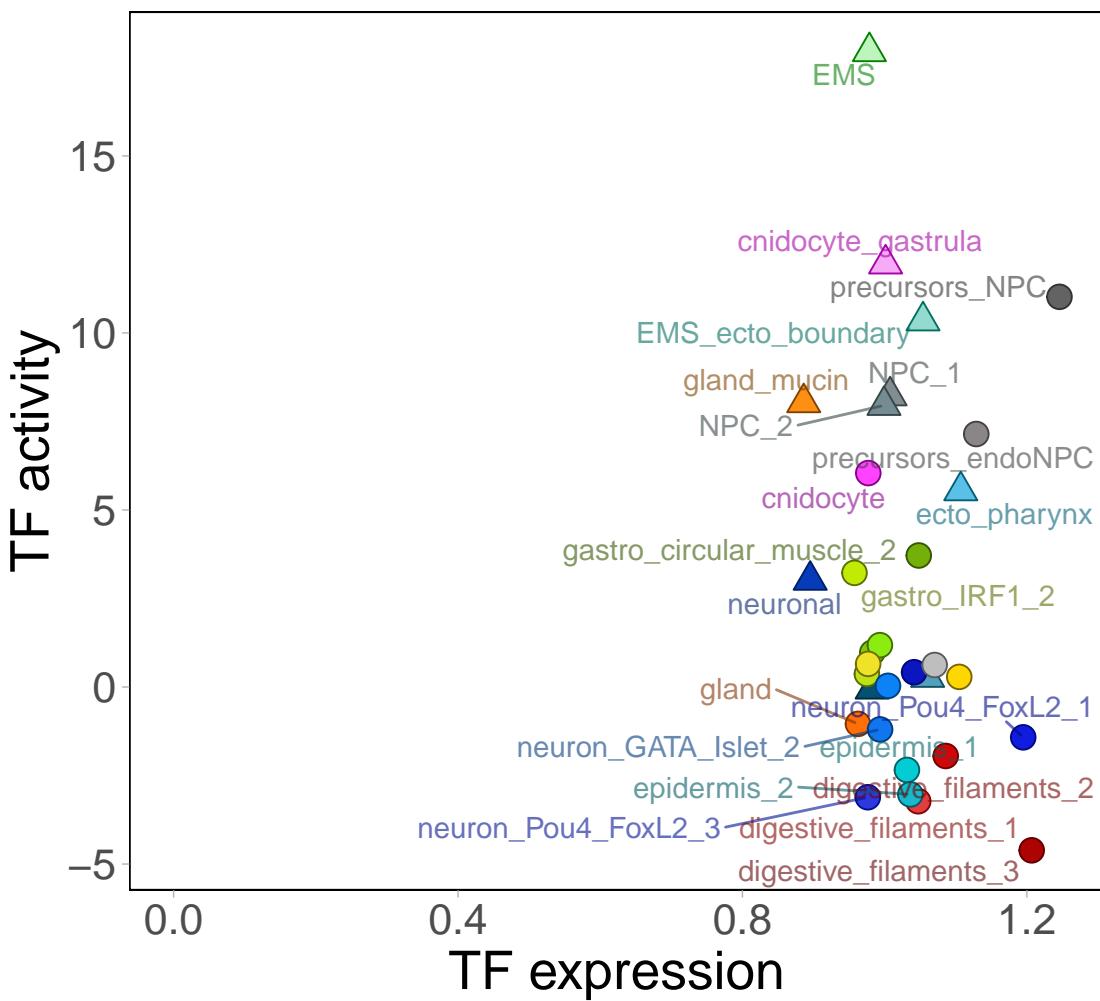
CisBP assigned: FALSE

rank: 0

gene expression correlation: -0.0869

gene score correlation: 0.1325

cC A C G T G



Nvec_vc1.1_XM_001636859.3

OG: Homeodomains.HG2.58:UNCX

PFAM: Homeodomain/OAR

motif: M02082_2.00

TF family: Homeodomains

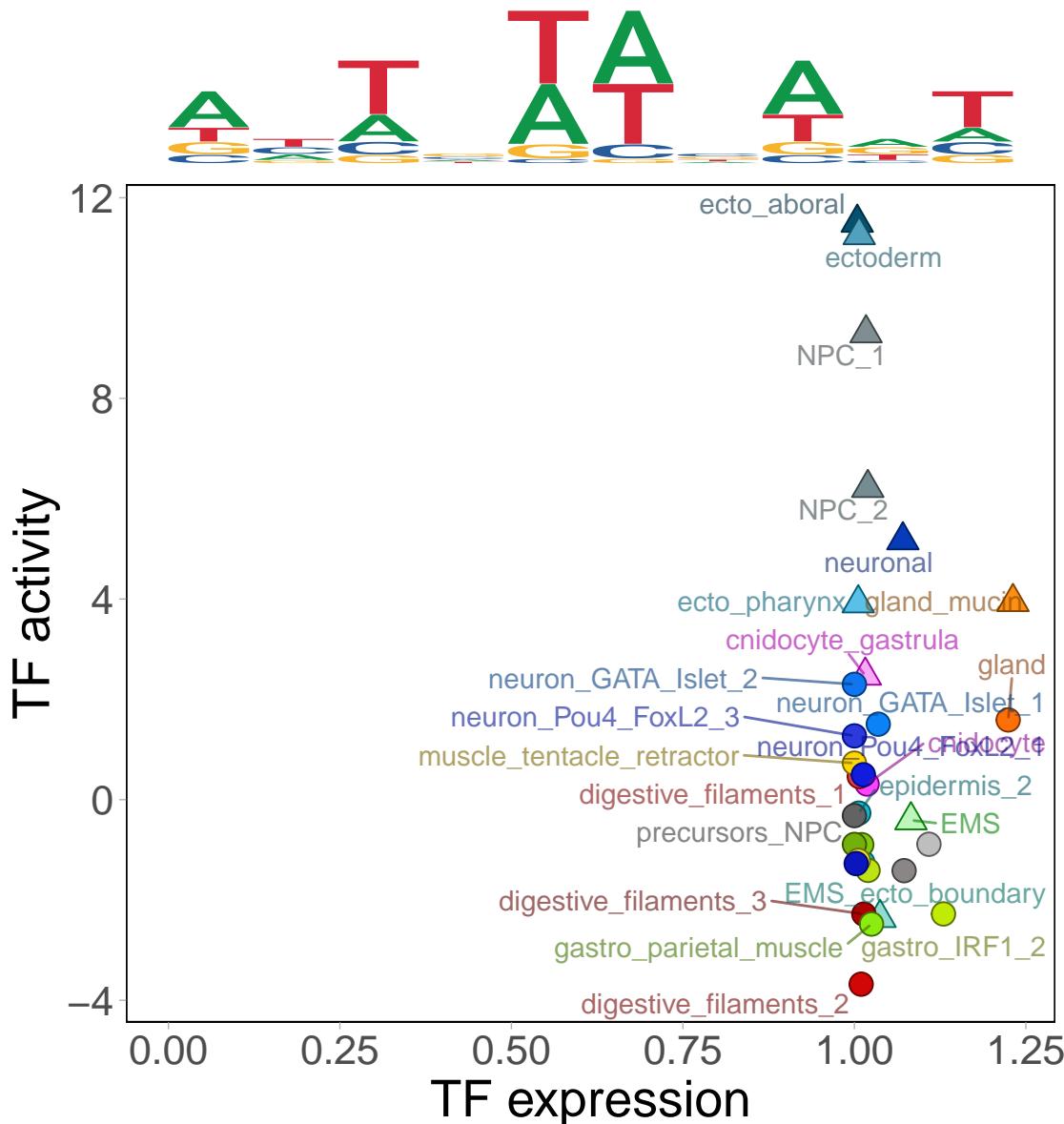
archetype family: Homeodomains

CisBP assigned: TRUE

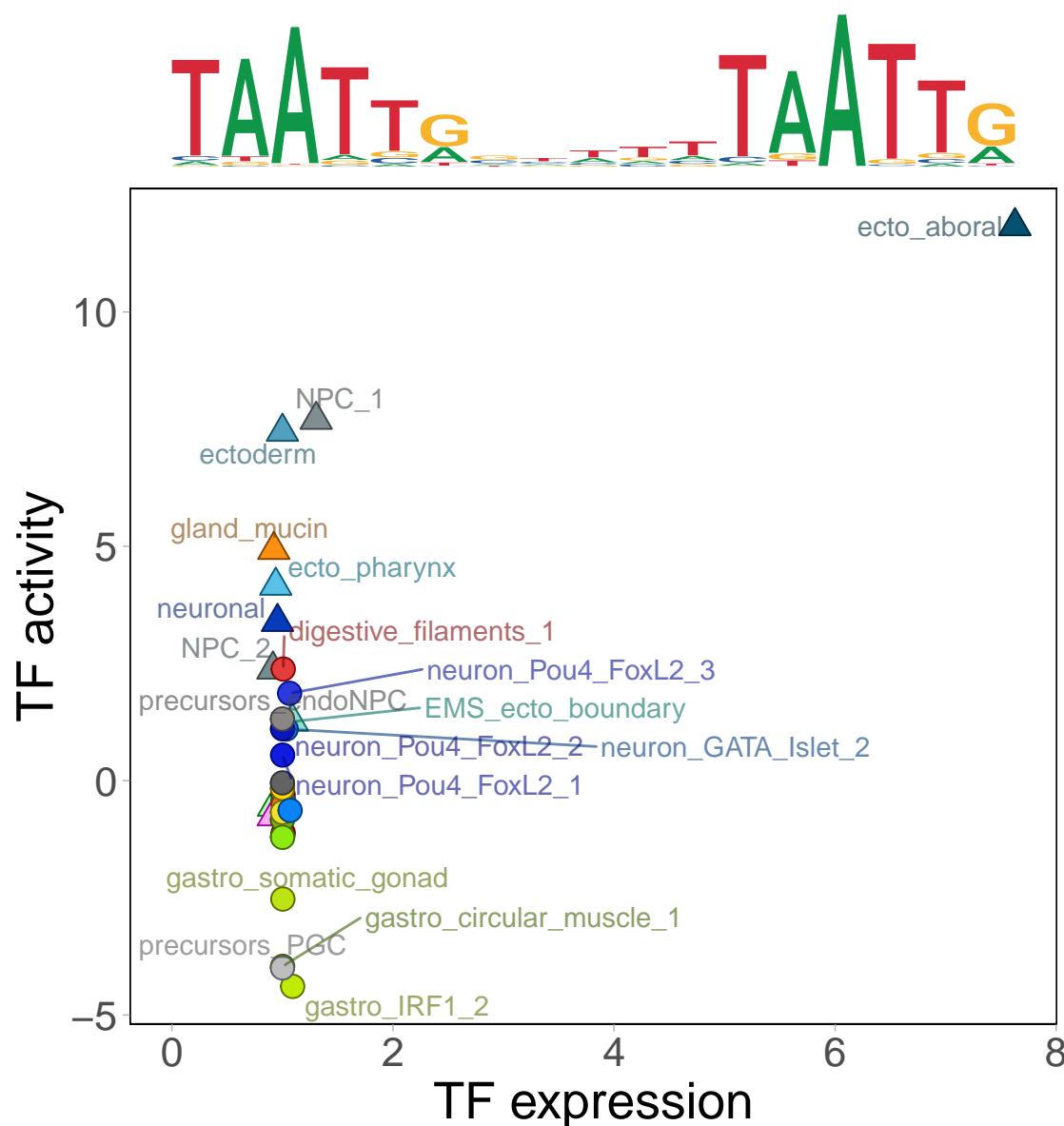
rank: 0

gene expression correlation: -0.0164

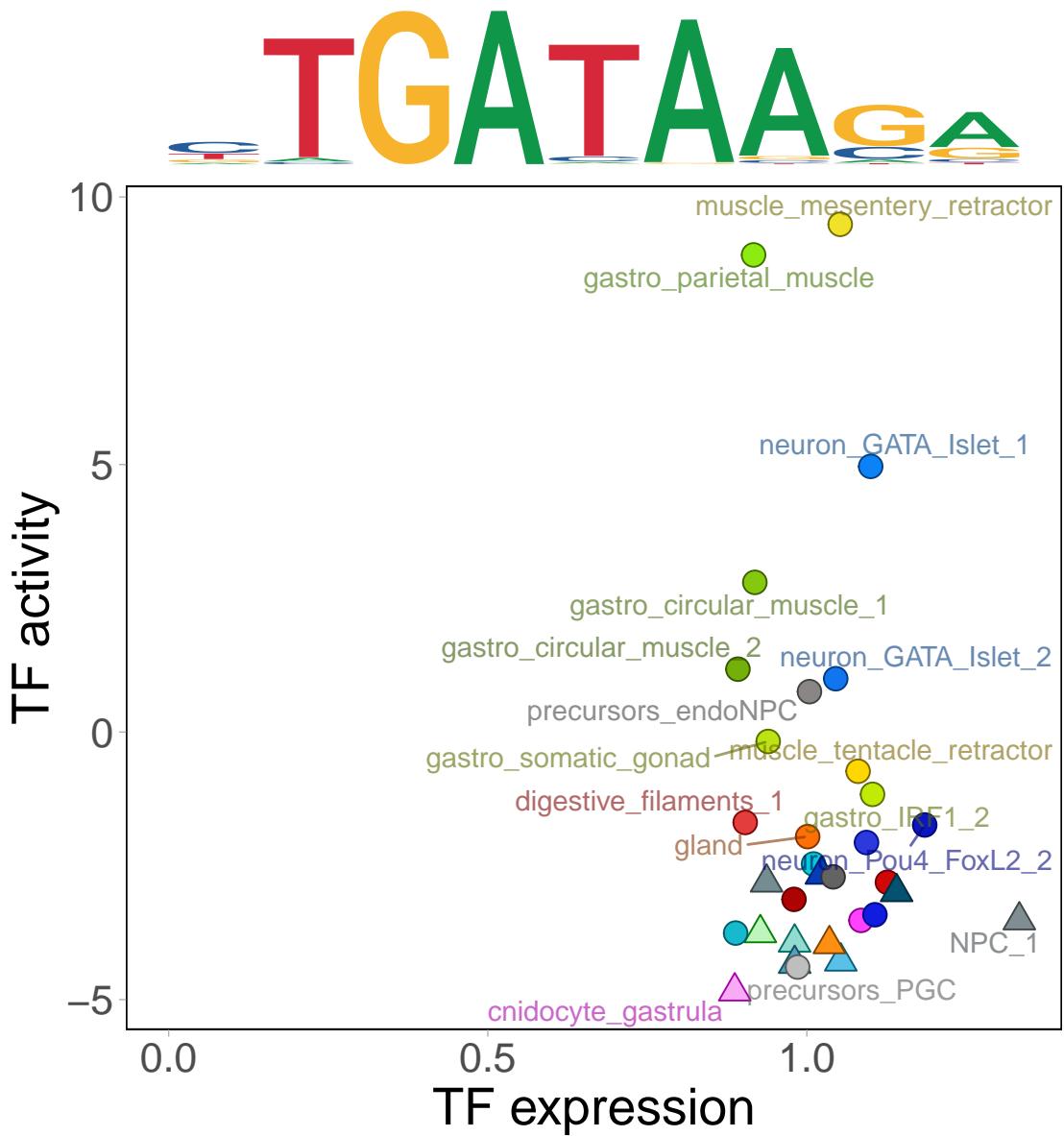
gene score correlation: -0.0259



Nvec_vc1.1_XM_001636862.3
OG: Homeodomains.HG2.33:like:PAX1/
PFAM: Homeodomain
motif: ARCH299_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.5878
gene score correlation: 0.5612



Nvec_vc1.1_XM_001636971.3
OG: GATA.HG2.1:RERE
PFAM: BAH/ELM2/GATA
motif: ARCH1456_Gata3/Gata1/Gata2
TF family: GATA
archetype family: GATA
CisBP assigned: TRUE
rank: 60
gene expression correlation: -0.0938
gene score correlation: 0.4476



Nvec_vc1.1_XM_001637044.3

OG: HLH.HG1.54:like:HES5/HES7

PFAM: HLH/Hairy_orange

motif: ARCH1533_BHLH112

TF family: HLH

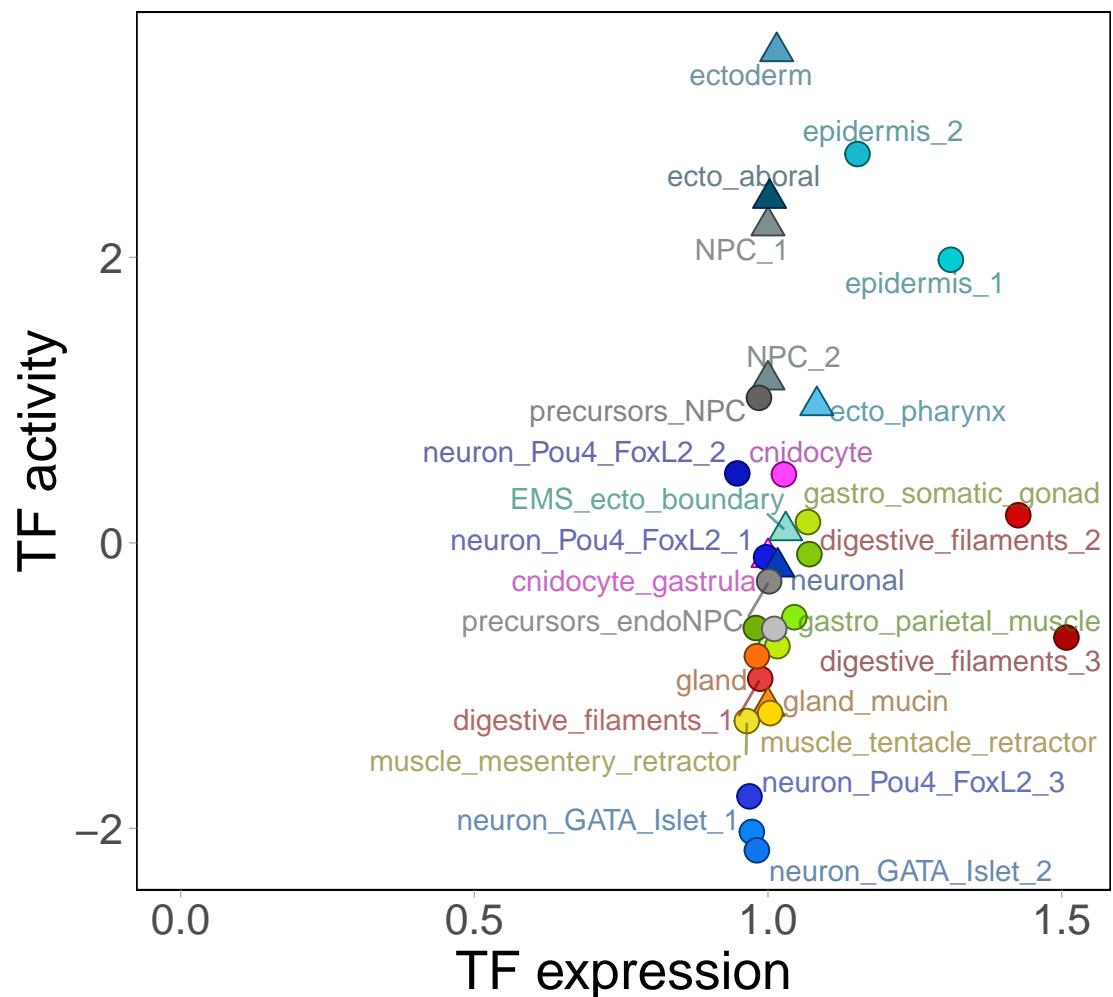
archetype family: HLH

CisBP assigned: FALSE

rank: 282

gene expression correlation: 0.1854

gene score correlation: 0.3001



Nvec_vc1.1_XM_001637155.3

OG: Myb.HG5.0:DMAP1

PFAM: SANT_DAMP1_like/DMAP1

motif: ARCH193_MYB116

TF family: Myb

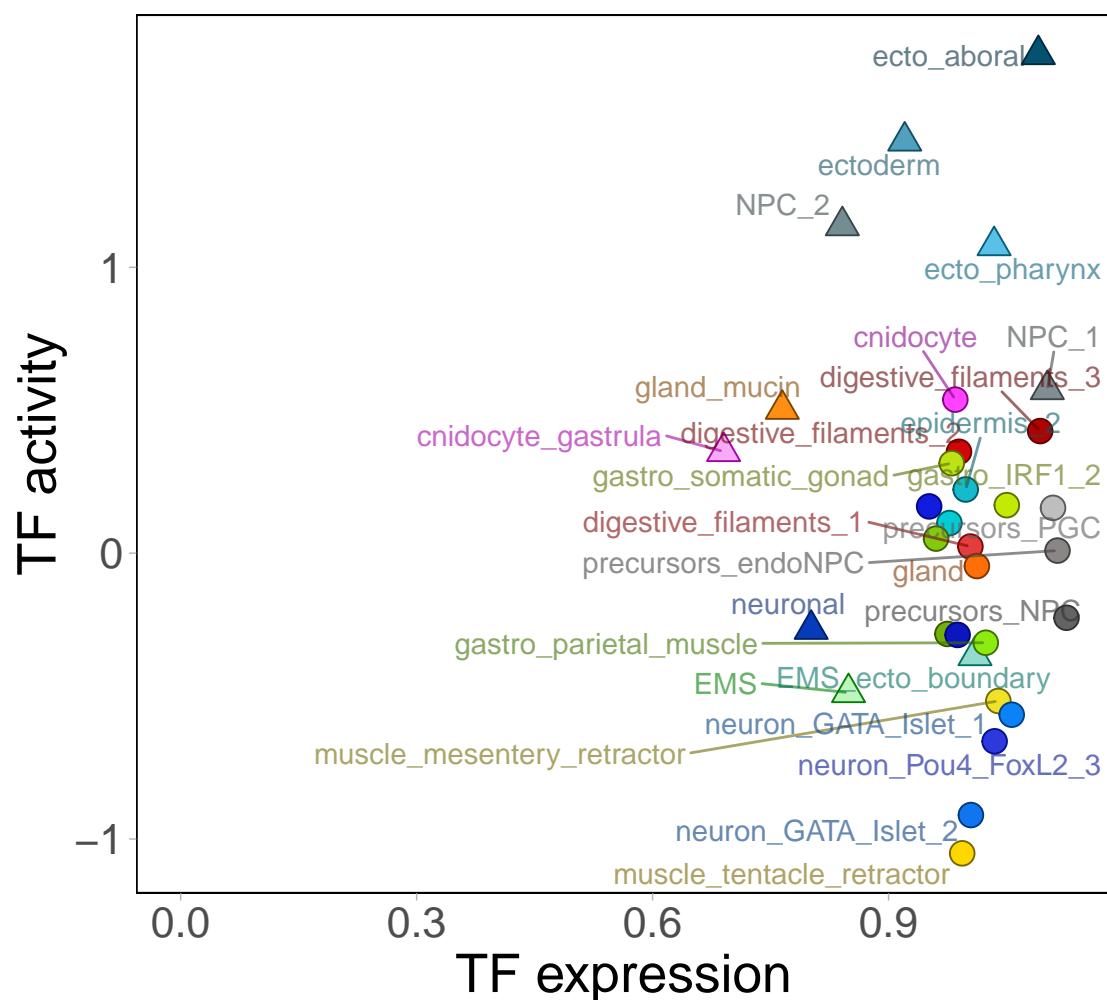
archetype family: Myb

CisBP assigned: FALSE

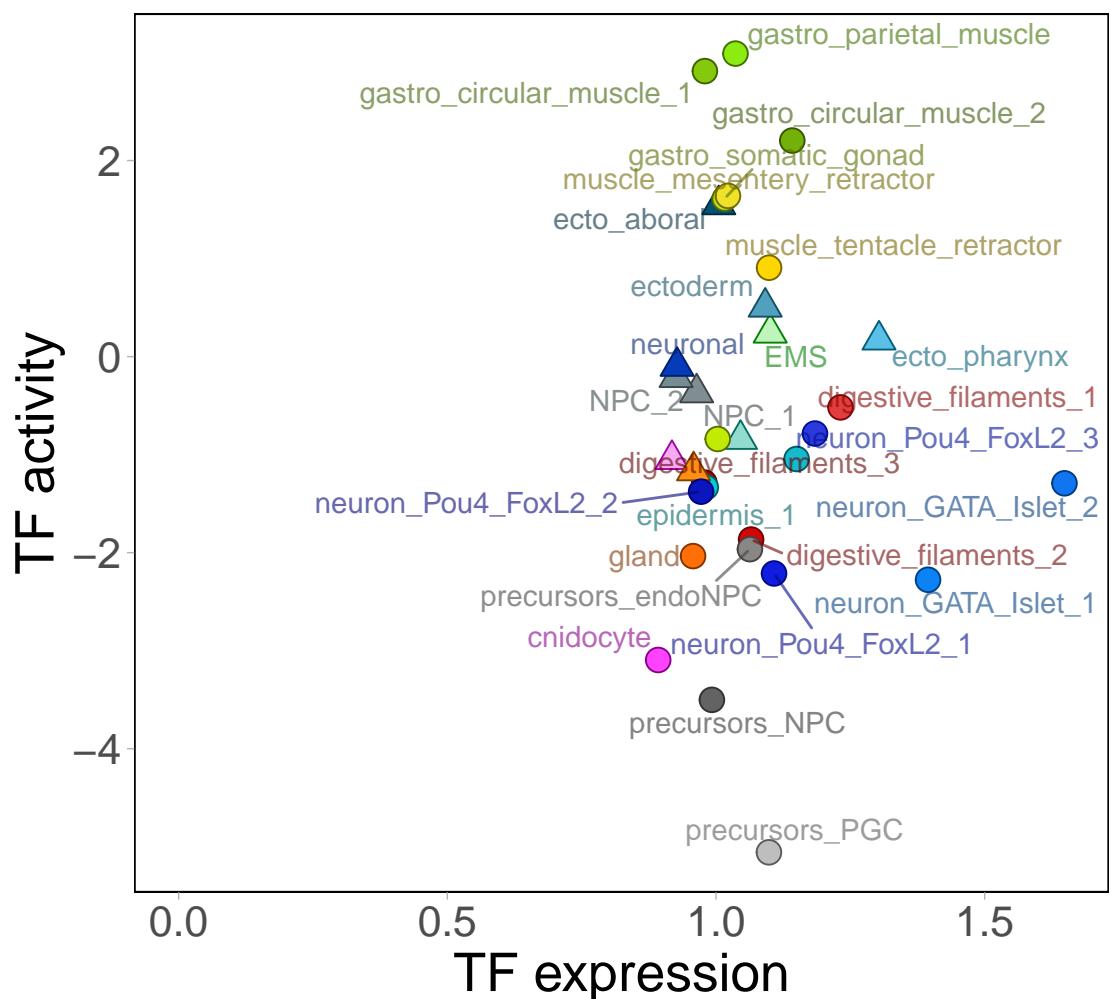
rank: 89

gene expression correlation: -0.0830

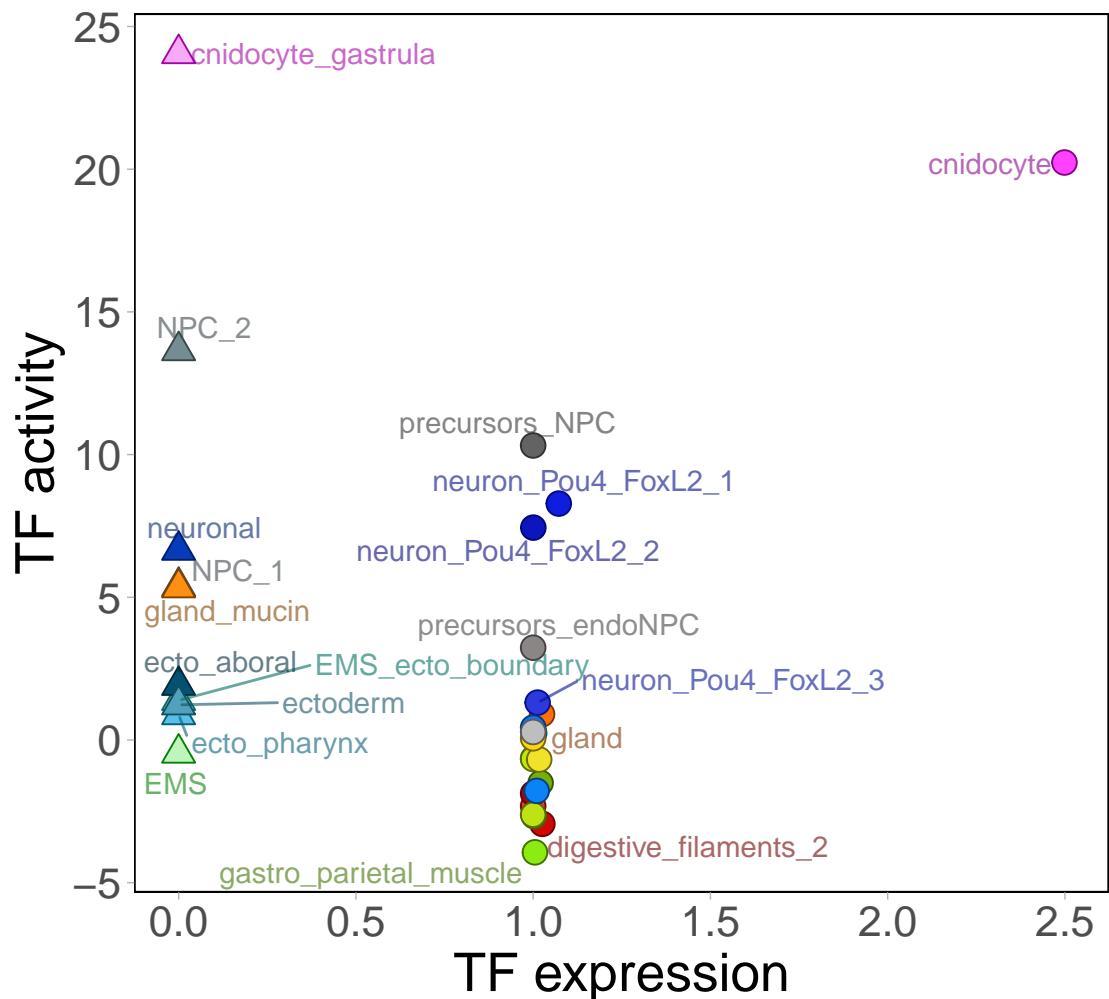
gene score correlation: 0.3450



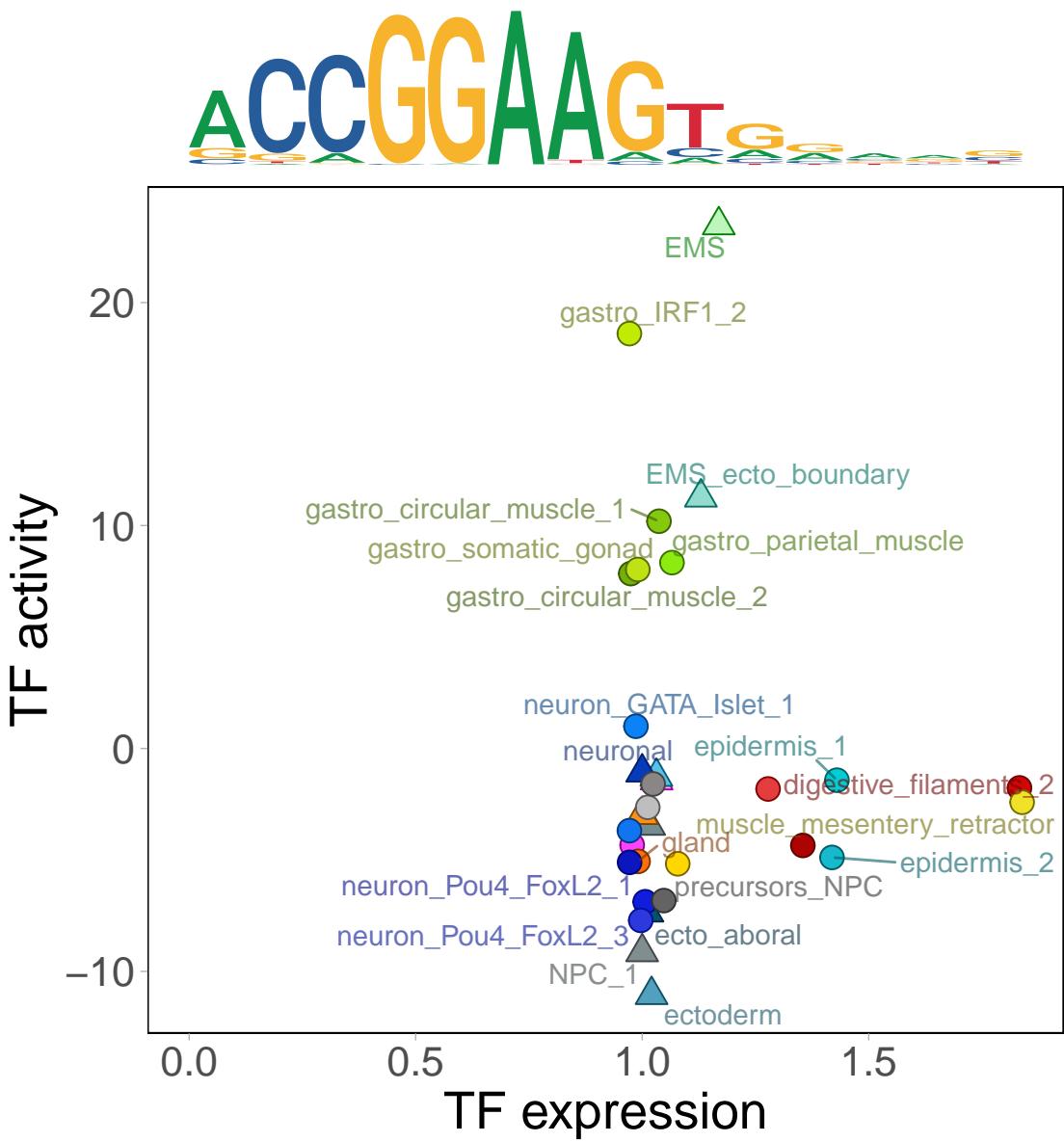
Nvec_vc1.1_XM_001637190.3
OG: zf-C2H2.HG4.11:GLIS1/GLIS3
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1043_ZNF652
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 27
gene expression correlation: -0.0529
gene score correlation: 0.5411



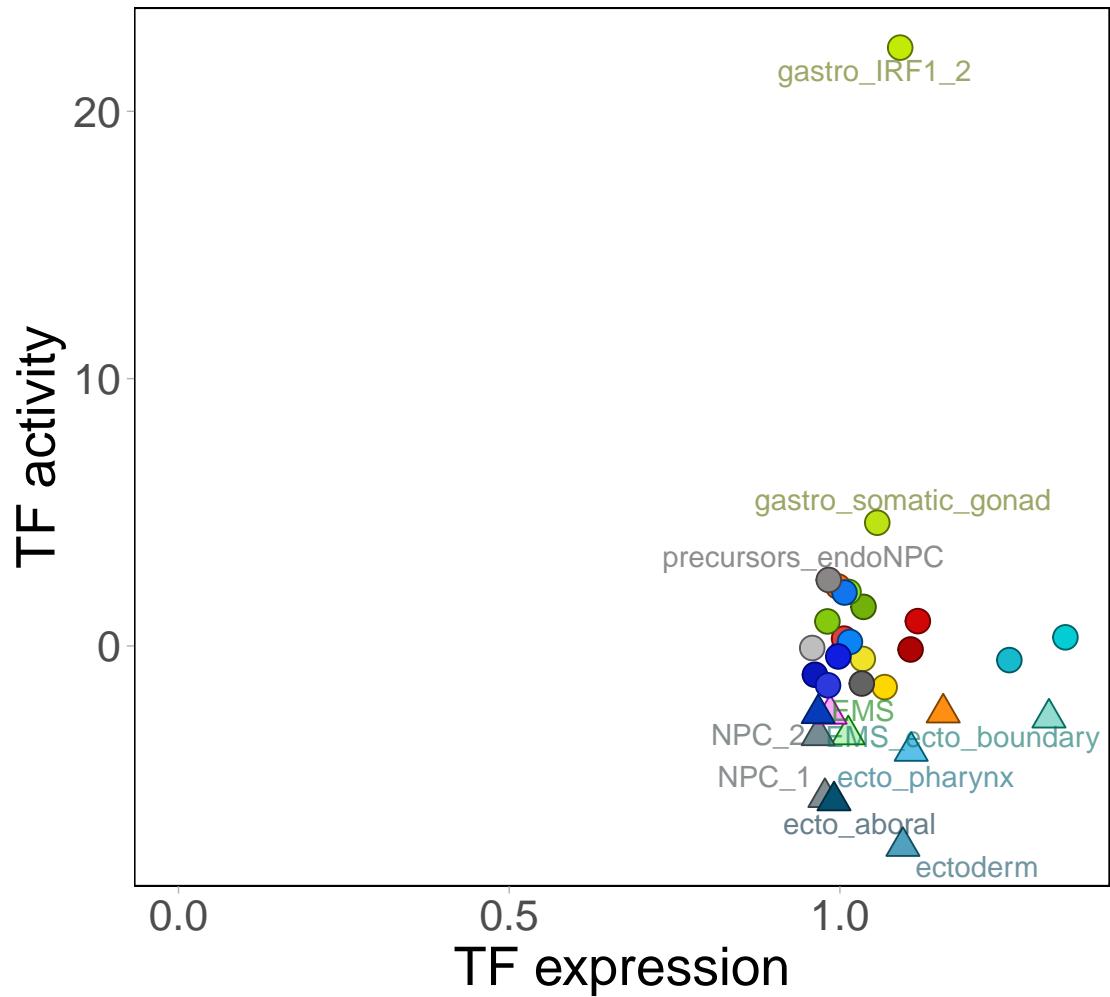
Nvec_vc1.1_XM_001637272.3
OG: zf-C2H2.HG95.1:NA
PFAM: HNF-1_N/zf-C2H2/zf-C2H2/zf-
motif: ARCH861_Scrt2/Scrt1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: -0.0481
gene score correlation: 0.5842



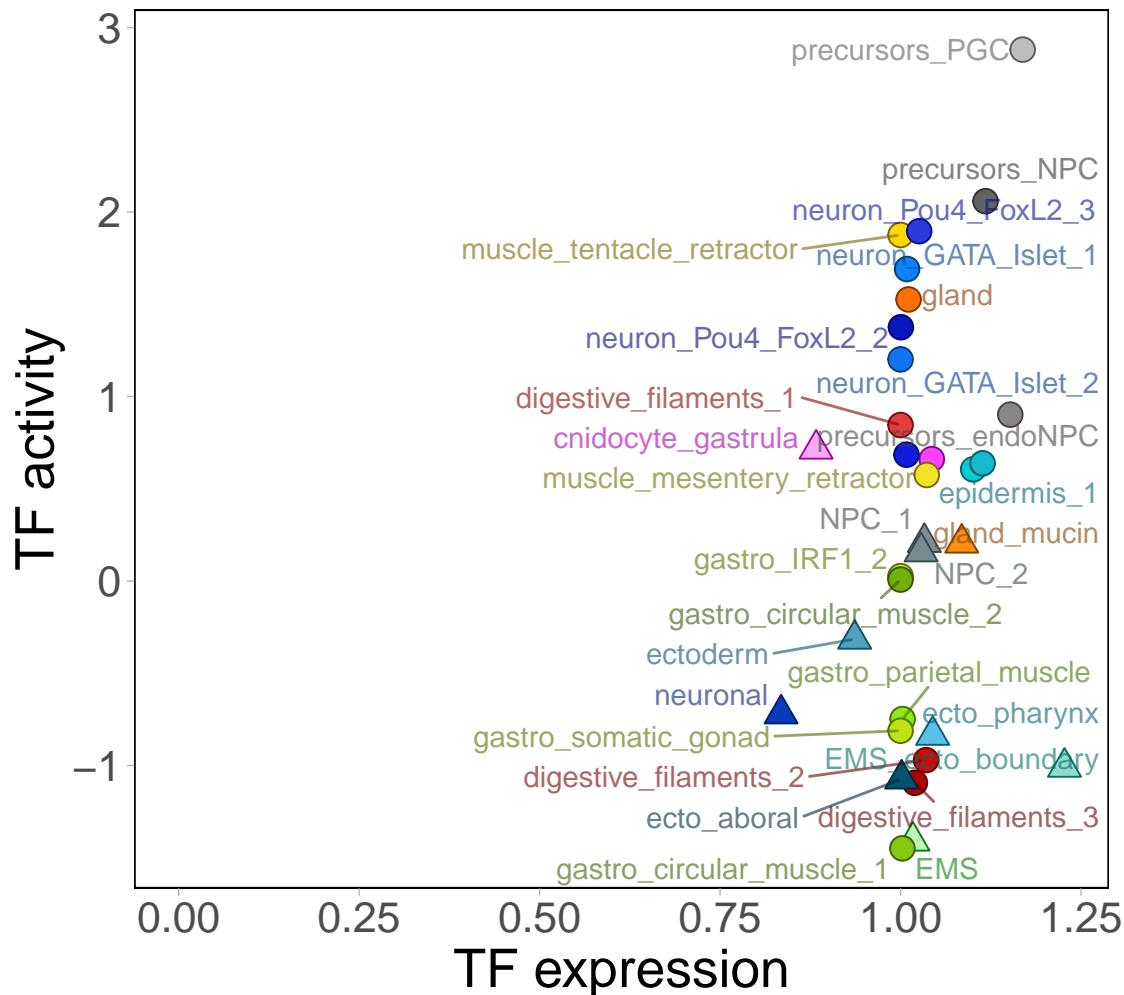
Nvec_vc1.1_XM_001637374.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: Nvec_vc1.1_XM_001637374.3_E
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 0
gene expression correlation: -0.0336
gene score correlation: 0.3938



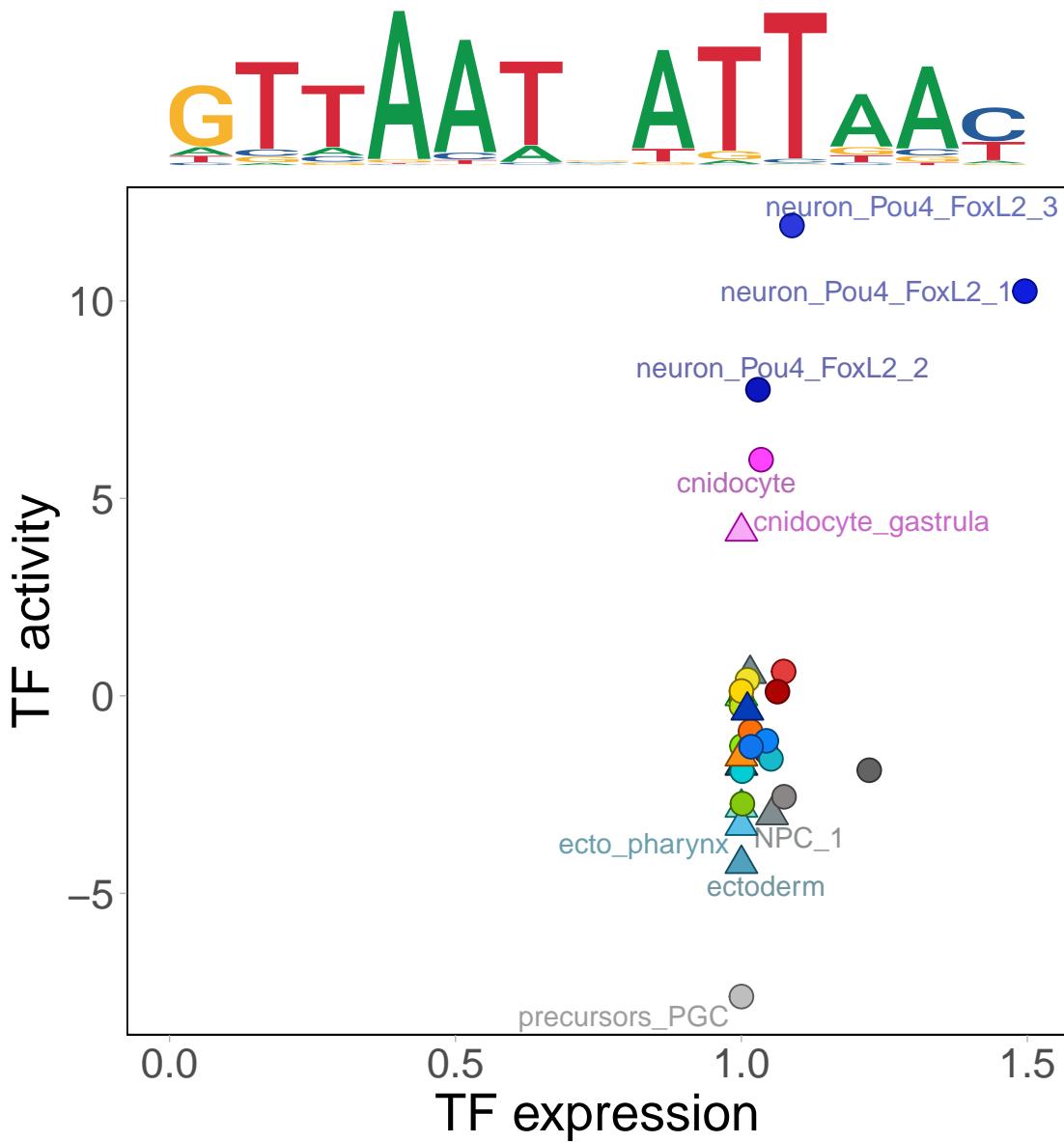
Nvec_vc1.1_XM_001637508.3
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5
PFAM: IRF
motif: Nvec_vc1.1_XM_001637508.3_IRF
TF family: IRF
archetype family: IRF
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0449
gene score correlation: 0.4587



Nvec_vc1.1_XM_001637529.3
OG: Myb.HG1.2:DMTF1/TTF1
PFAM: Myb_DNA-binding/Myb_DNA-b
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 364
gene expression correlation: 0.2138
gene score correlation: -0.2389



Nvec_vc1.1_XM_001637733.3
OG: Homeodomains.HG1.67:GSX1/GS
PFAM: Homeodomain
motif: ARCH103_Hnf1a/Hnf1b
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 32
gene expression correlation: 0.4787
gene score correlation: 0.2113



Nvec_vc1.1_XM_001638266.3

OG: bZIP.HG1.0:CREBL2

PFAM: bZIP_2

motif: Crebl2_250224_streme

TF family: bZIP

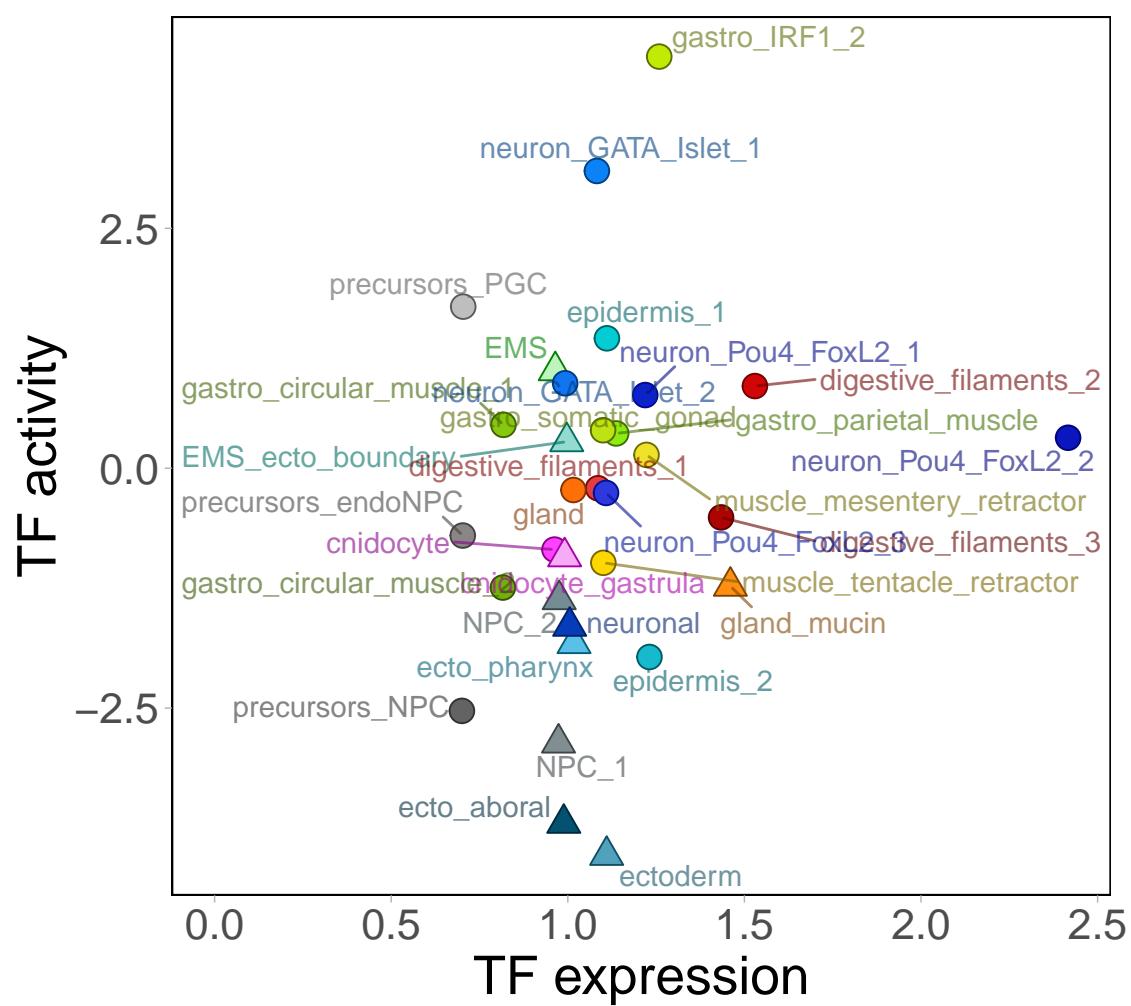
archetype family: bZIP

CisBP assigned: FALSE

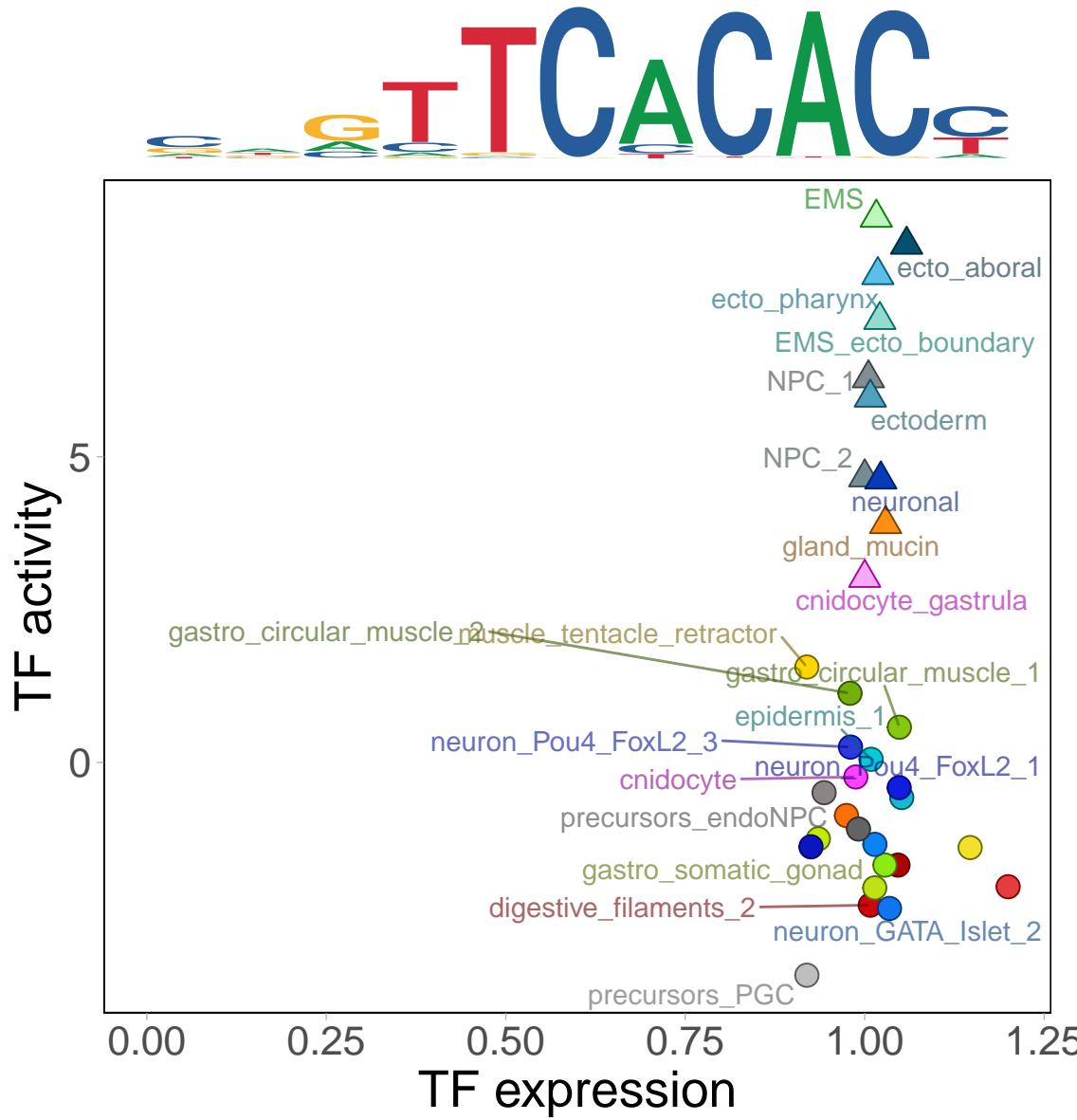
rank: 0

gene expression correlation: 0.1607

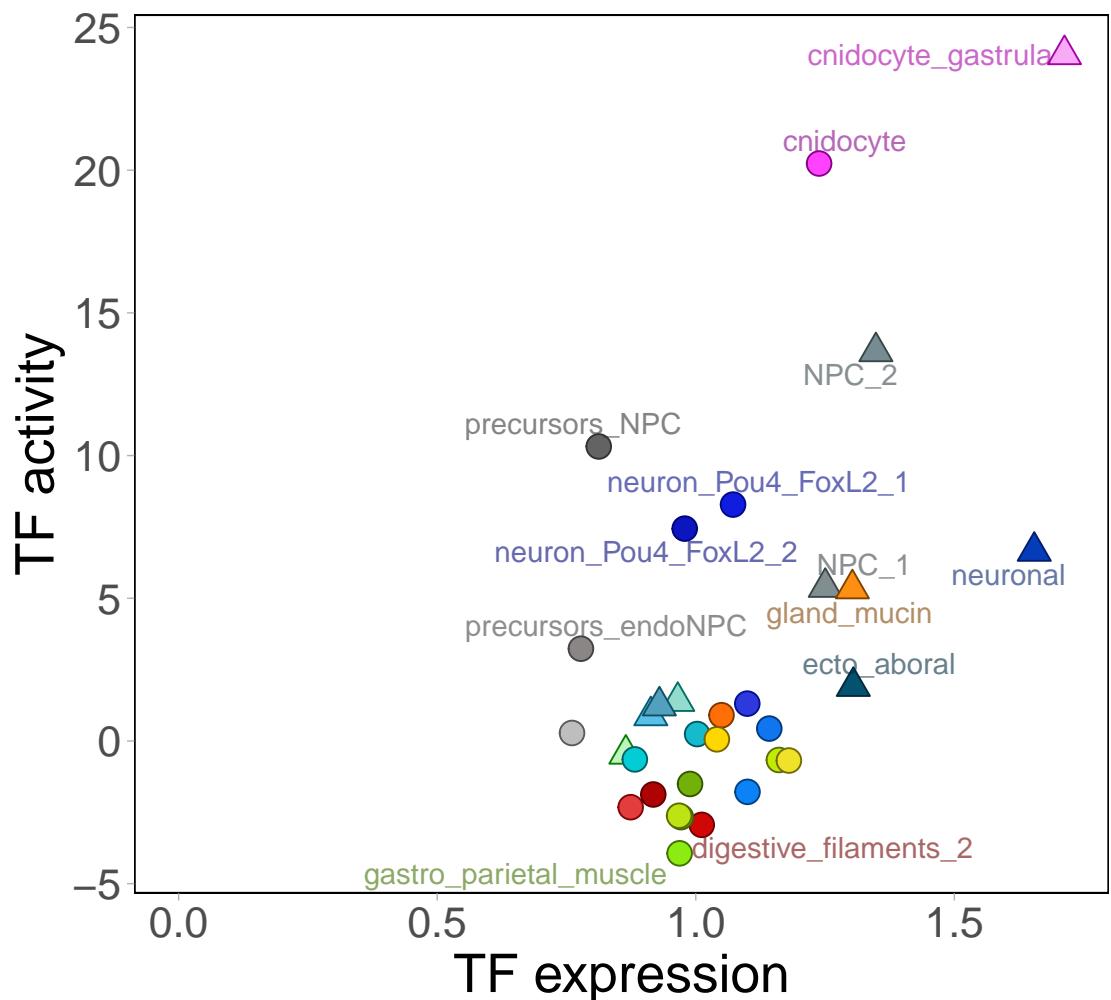
gene score correlation: 0.0381



Nvec_vc1.1_XM_001638641.3
OG: zf-C2H2.HG2.4:MTF1/ZNF76/ZNF
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH836_M08316_2.00__M089
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 32
gene expression correlation: 0.0344
gene score correlation: 0.3976



Nvec_vc1.1_XM_001638761.3
OG: zf-C2H2.HG16.2:like:TRERF1/ZNF
PFAM: zf-C2H2/zf-C2H2_6/ELM2
motif: ARCH861_Scrt2/Scrt1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 322
gene expression correlation: 0.5882
gene score correlation: 0.4362



Nvec_vc1.1_XM_001638841.3

OG: Forkhead.HG1.22:FOXG1

PFAM: Forkhead

motif: ARCH829_PB0121.1_Foxj3_2

TF family: Forkhead

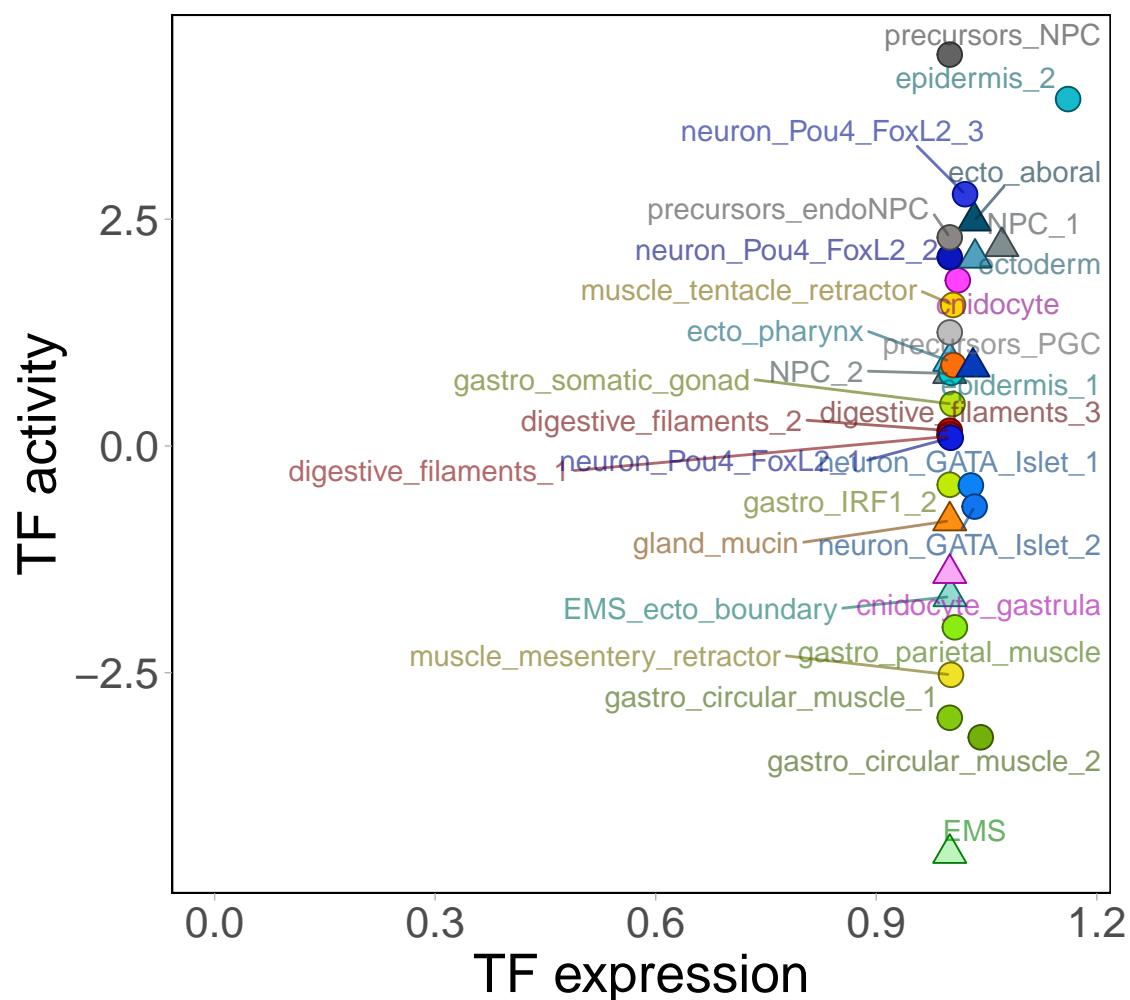
archetype family: Forkhead

CisBP assigned: FALSE

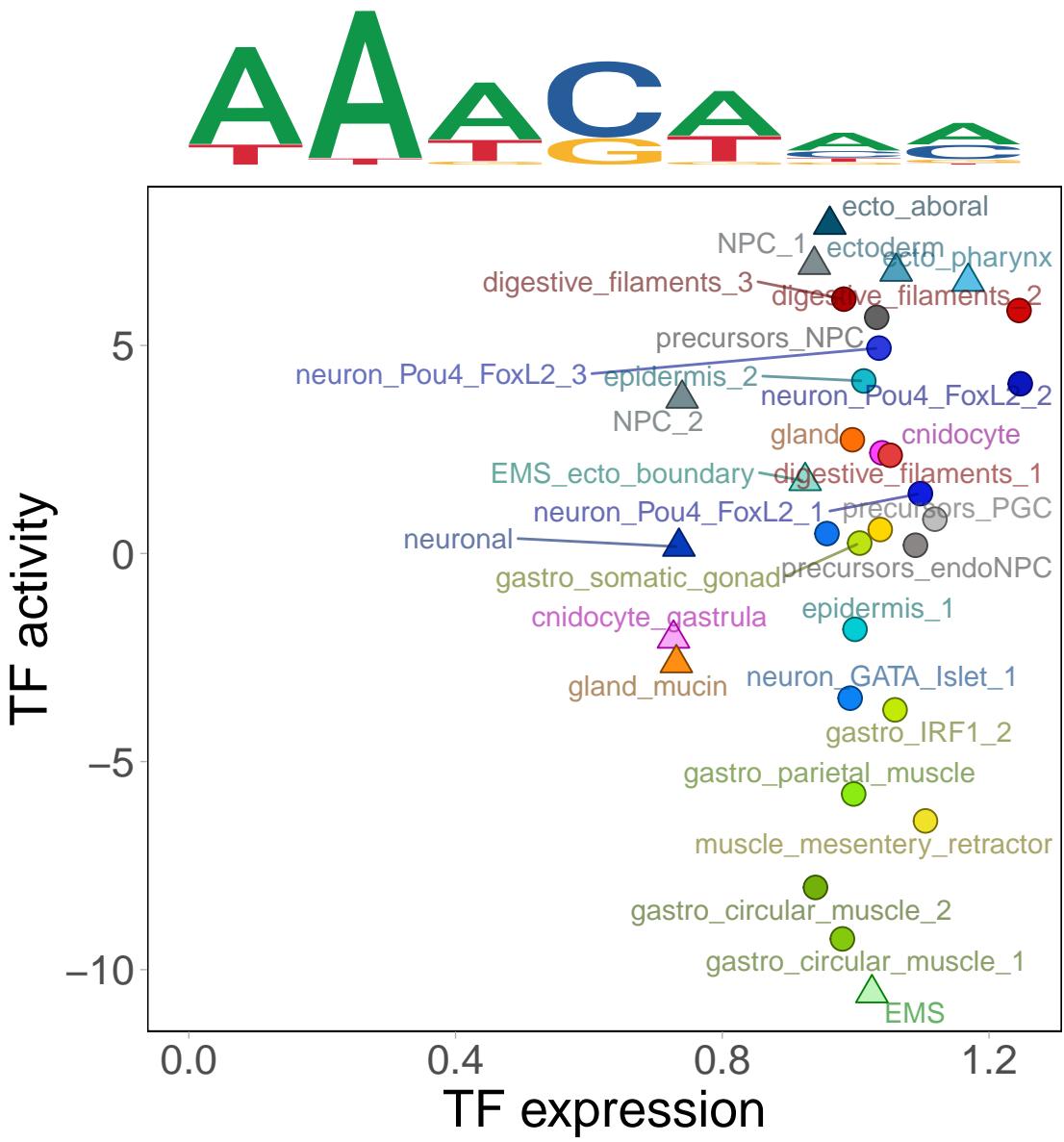
rank: 1

gene expression correlation: 0.3405

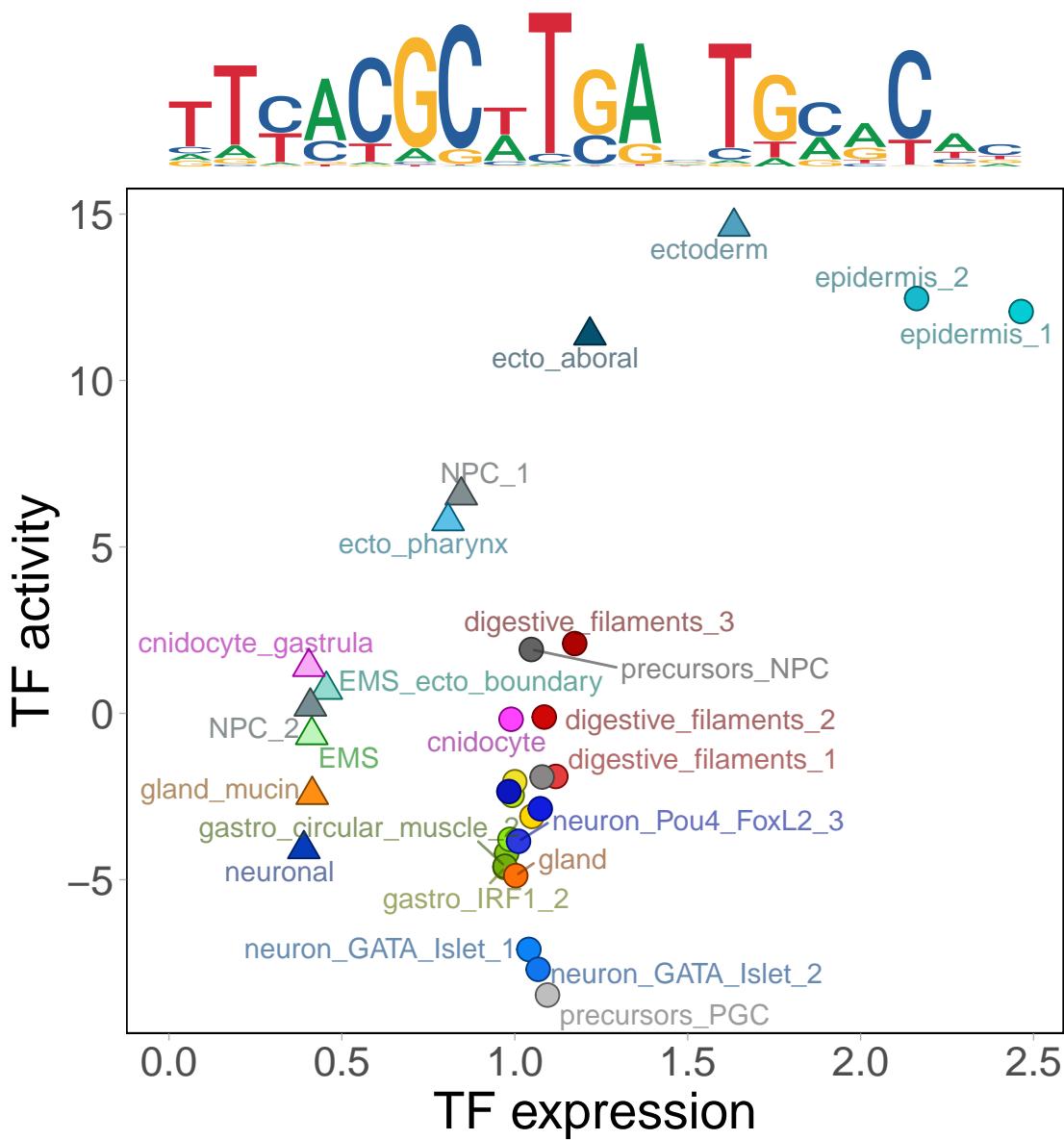
gene score correlation: 0.6583



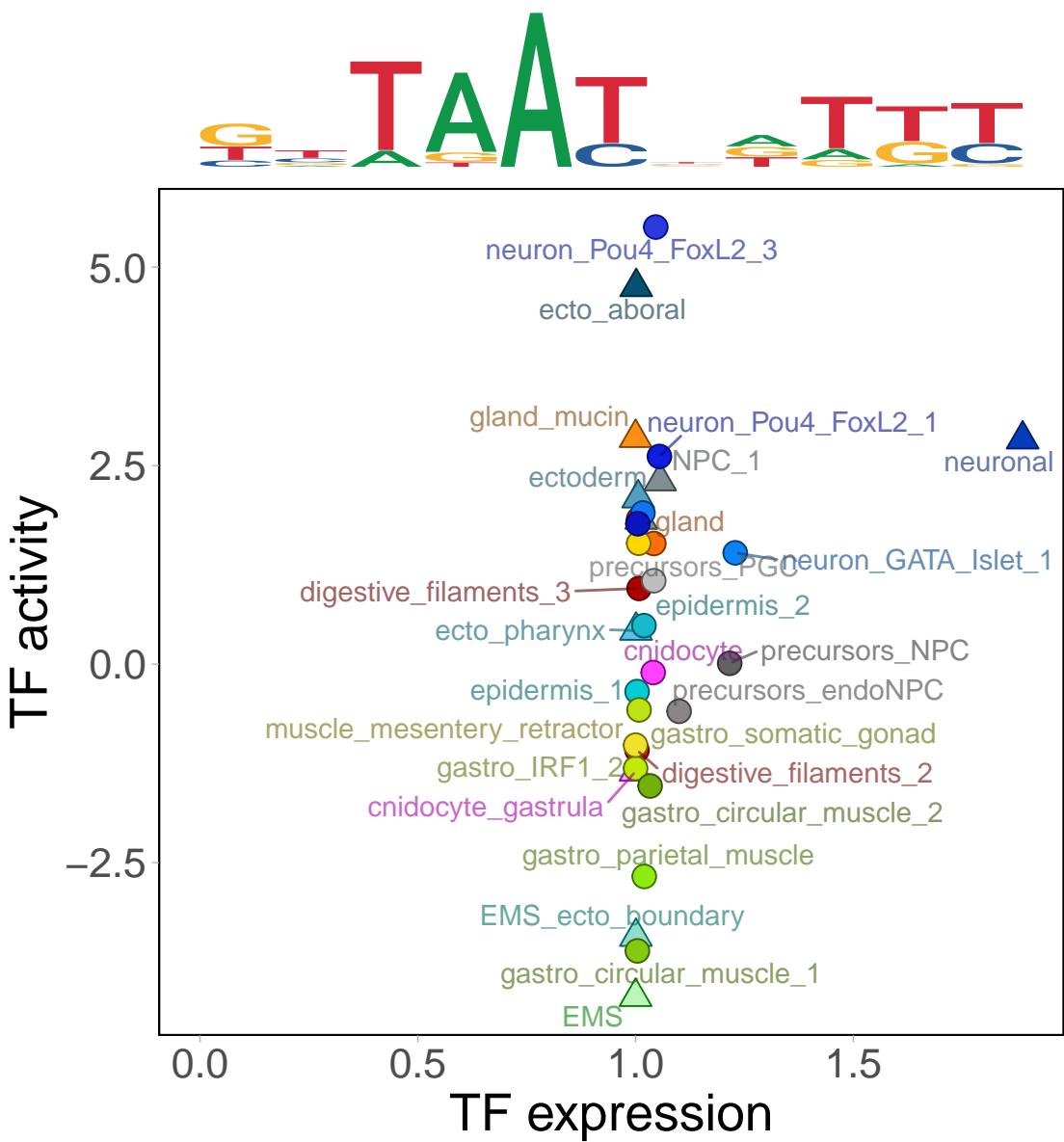
Nvec_vc1.1_XM_001638852.3
OG: HMGbox_Sox.HG1.47:like:NSD2
PFAM: HMG_box/HMG_box/HMG_box
motif: ARCH1177_Sox4/Sox11_Sox13/
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 165
gene expression correlation: 0.1845
gene score correlation: -0.0103



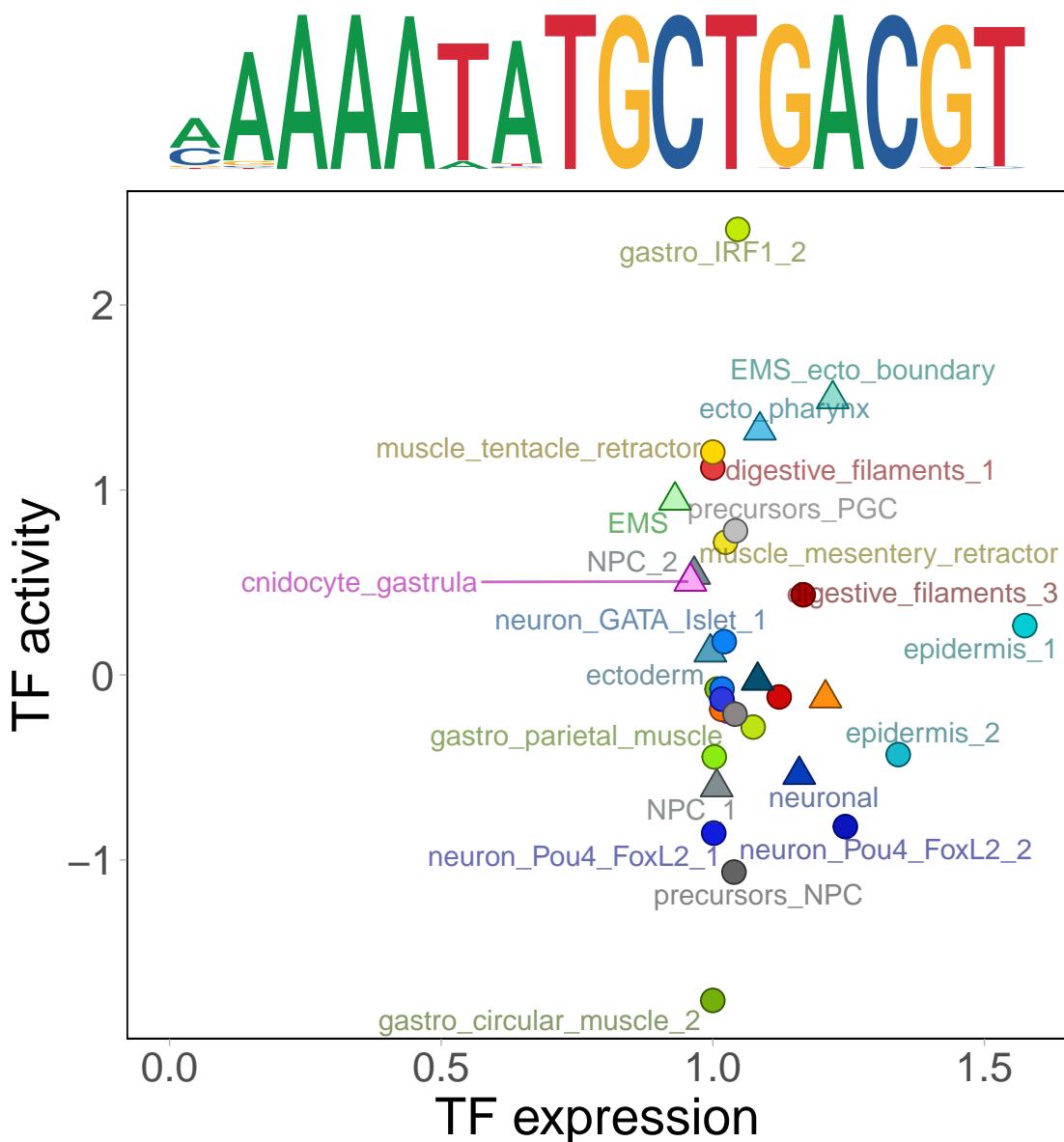
Nvec_vc1.1_XM_001639101.3
OG: Homeodomains.HG2.27:like:PAX1/
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.5293
gene score correlation: 0.6826



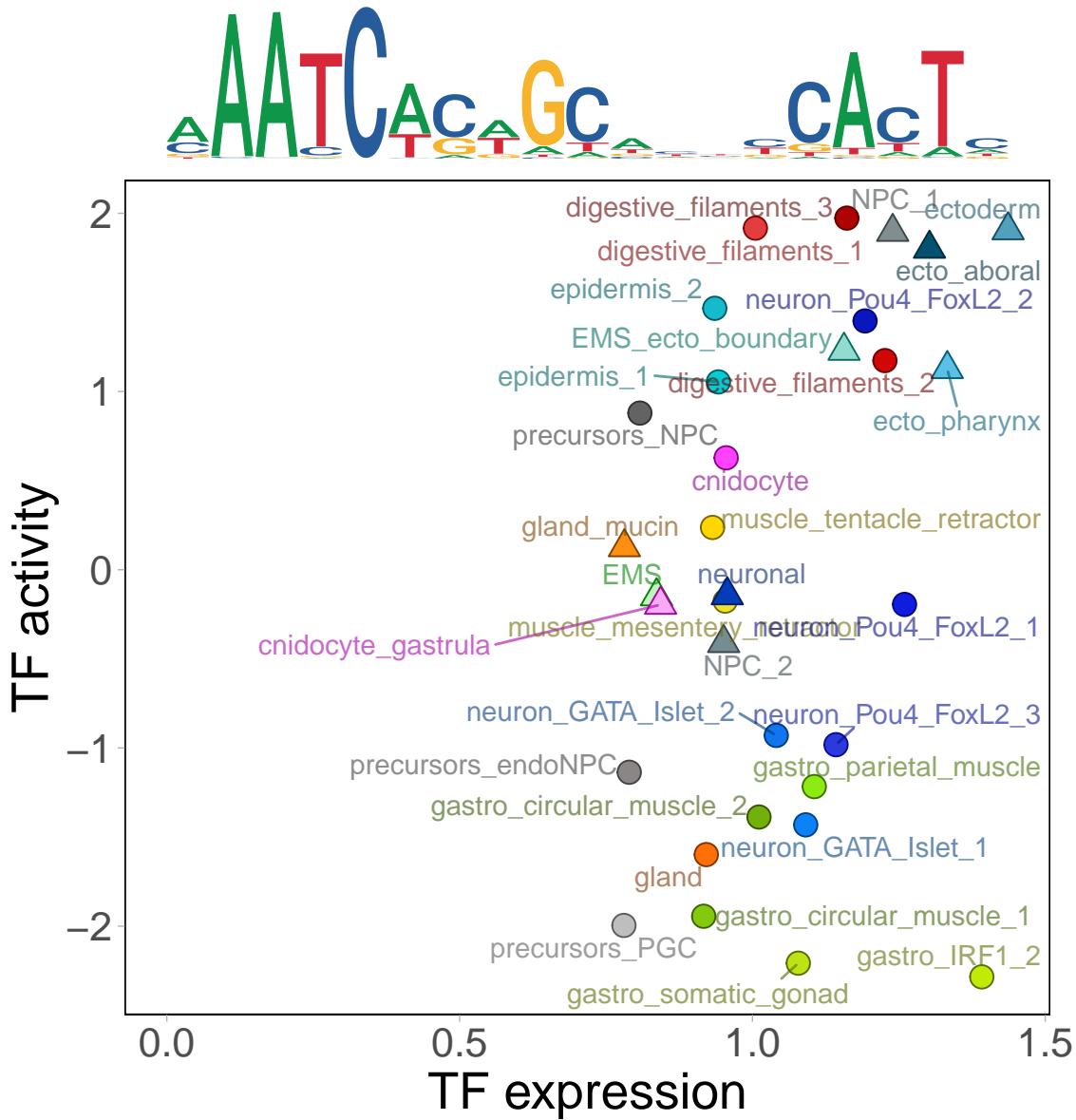
Nvec_vc1.1_XM_001639164.3
OG: Homeodomains.HG2.36:like:AC025
PFAM: Homeodomain
motif: ARCH41_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 56
gene expression correlation: 0.2195
gene score correlation: 0.3709



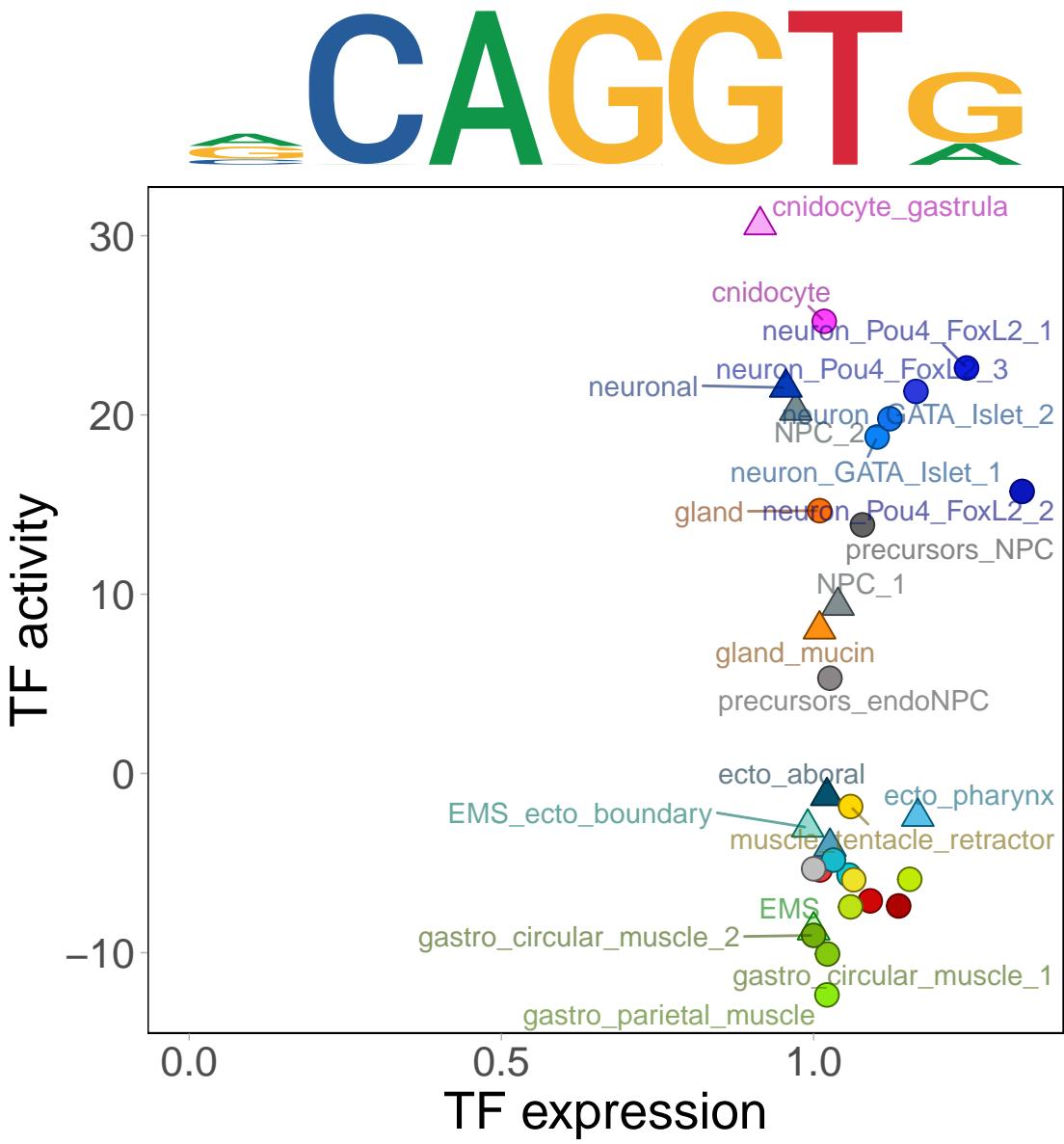
Nvec_vc1.1_XM_001639307.3
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB
PFAM: bZIP_Maf
motif: Nvec_vc1.1_XM_001639307.3_b
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.0448
gene score correlation: -0.0908



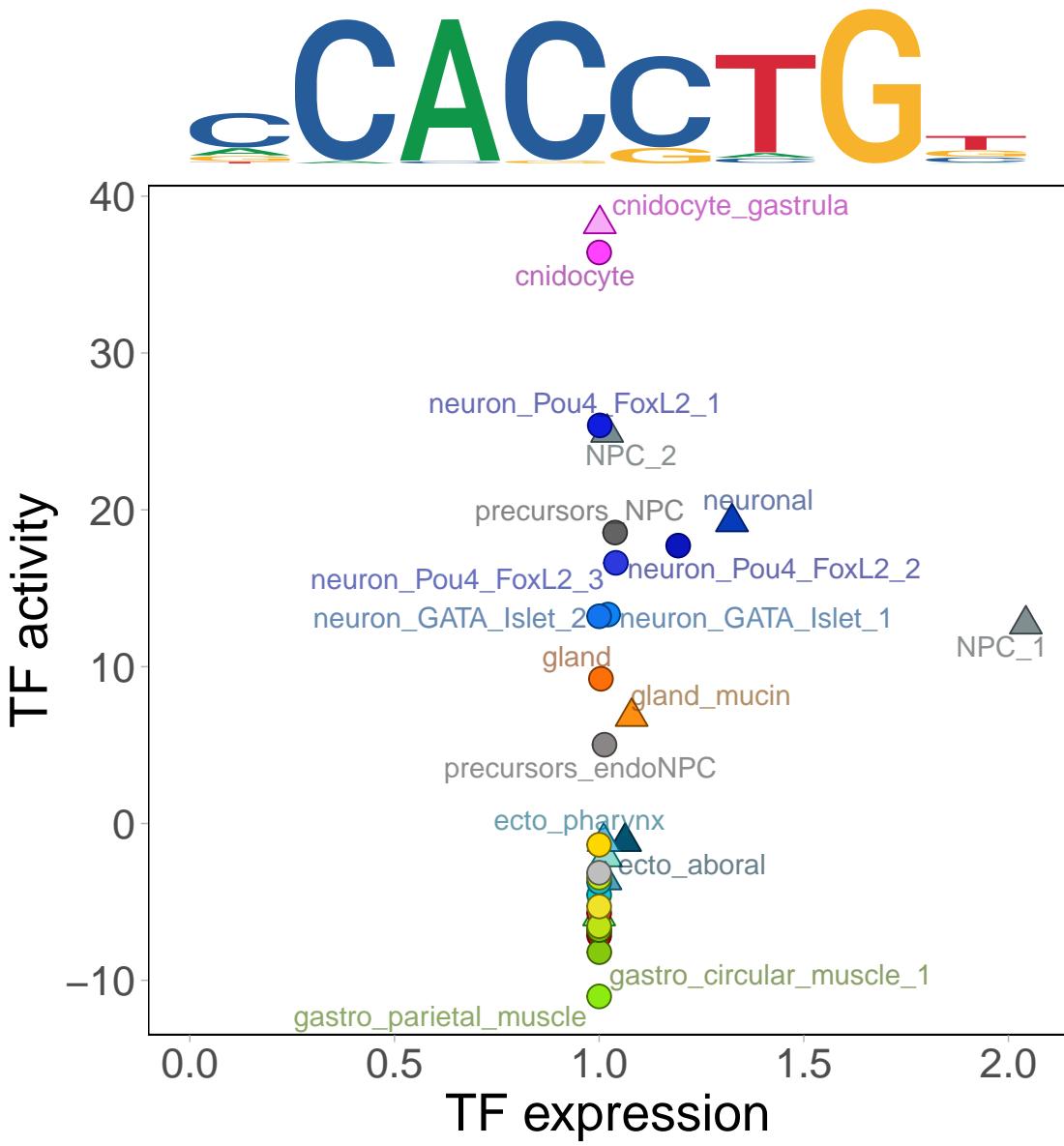
Nvec_vc1.1_XM_001639547.3
OG: zf-C2H2.HG2.11:KLF10/KLF11
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.2982
gene score correlation: 0.4039



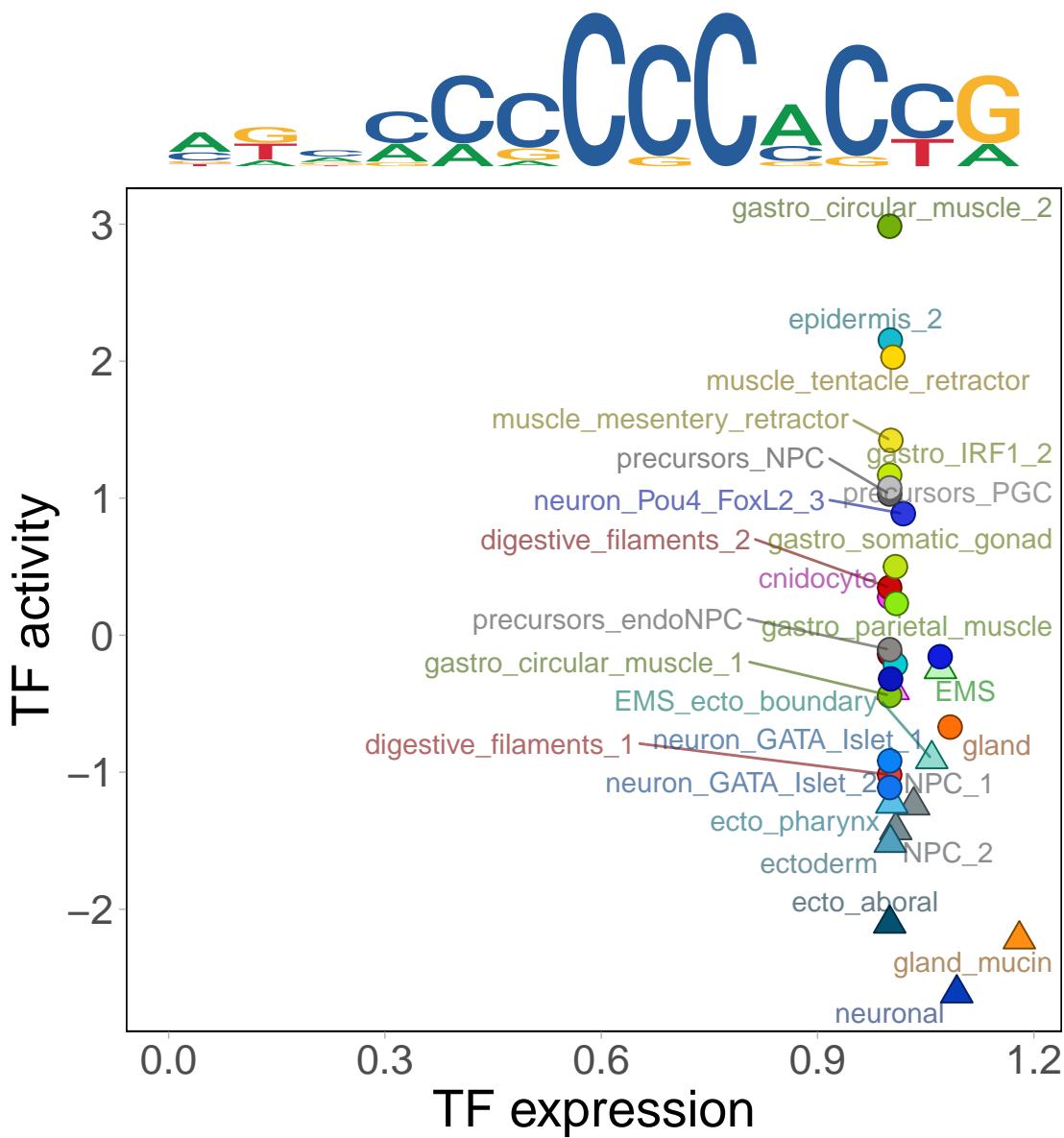
Nvec_vc1.1_XM_001639692.3
OG: HLH.HG1.0:AC019117.4/AHR/AHR
PFAM: HLH/PAS/PAS_11
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 30
gene expression correlation: 0.1000
gene score correlation: 0.2952



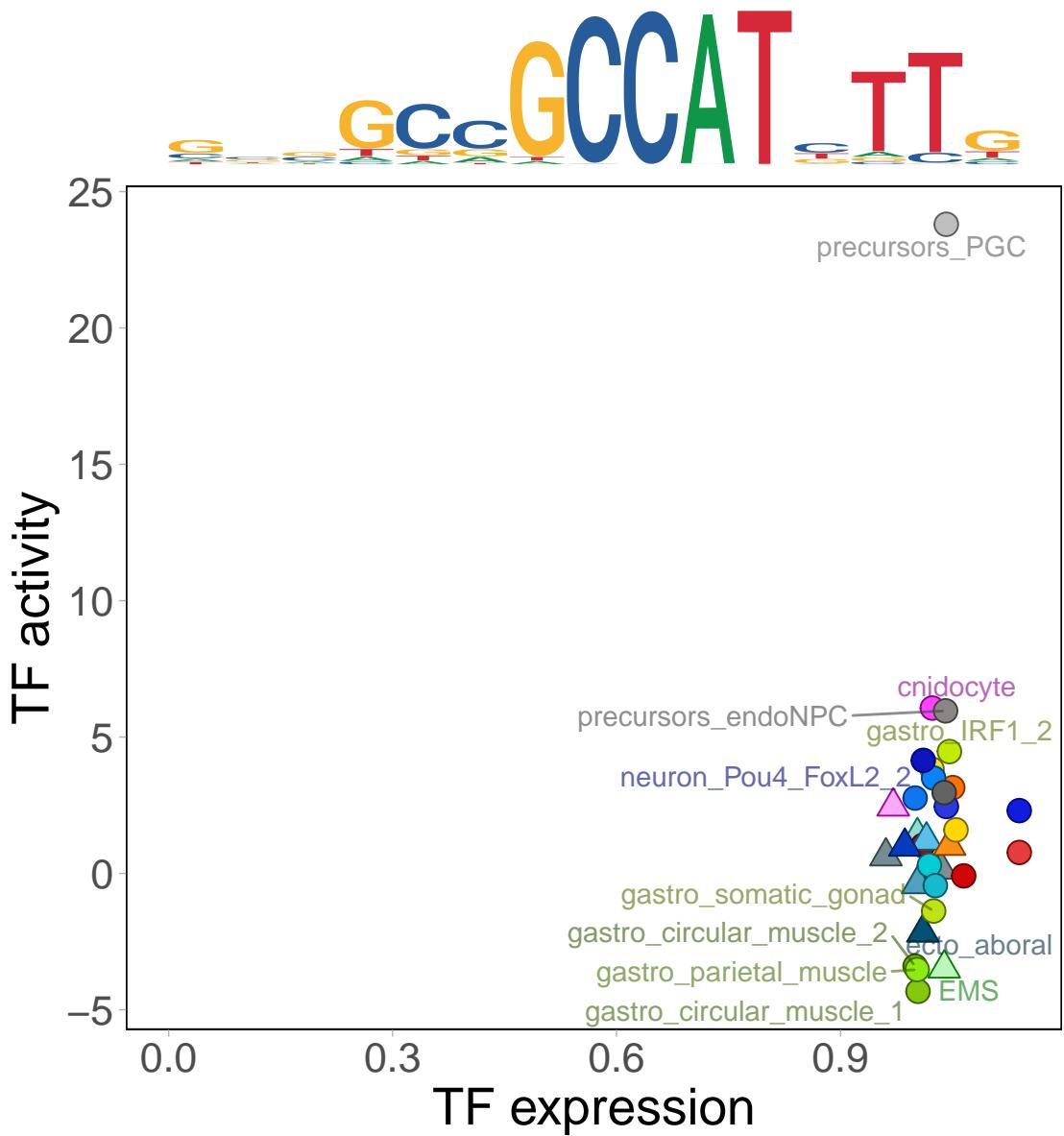
Nvec_vc1.1_XM_001639705.3
OG: zf-C2H2.HG1.30:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH480_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 17
gene expression correlation: 0.1950
gene score correlation: 0.4104



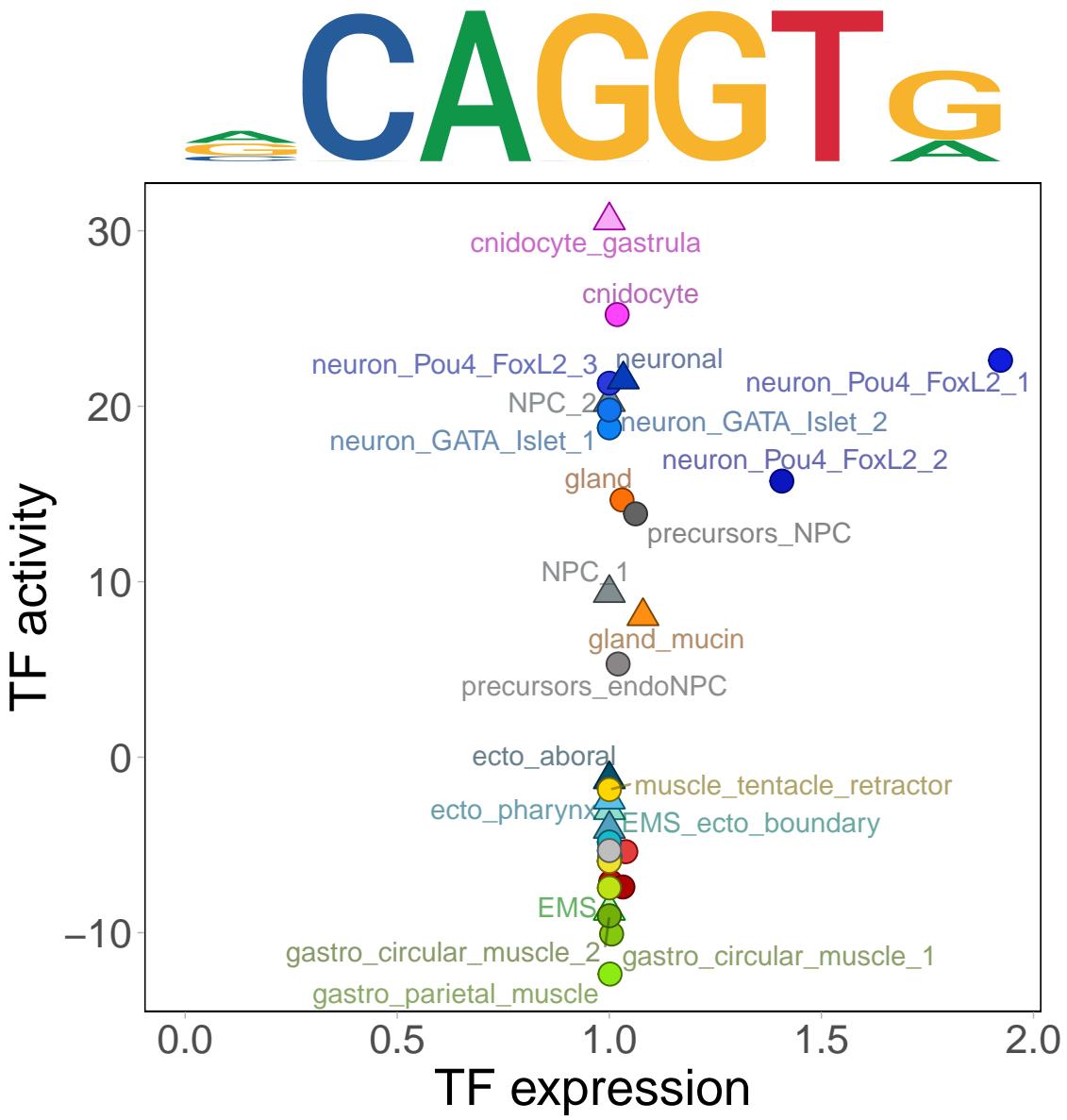
Nvec_vc1.1_XM_001639717.3
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH502_M06063_2.00
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 23
gene expression correlation: -0.4377
gene score correlation: -0.0733



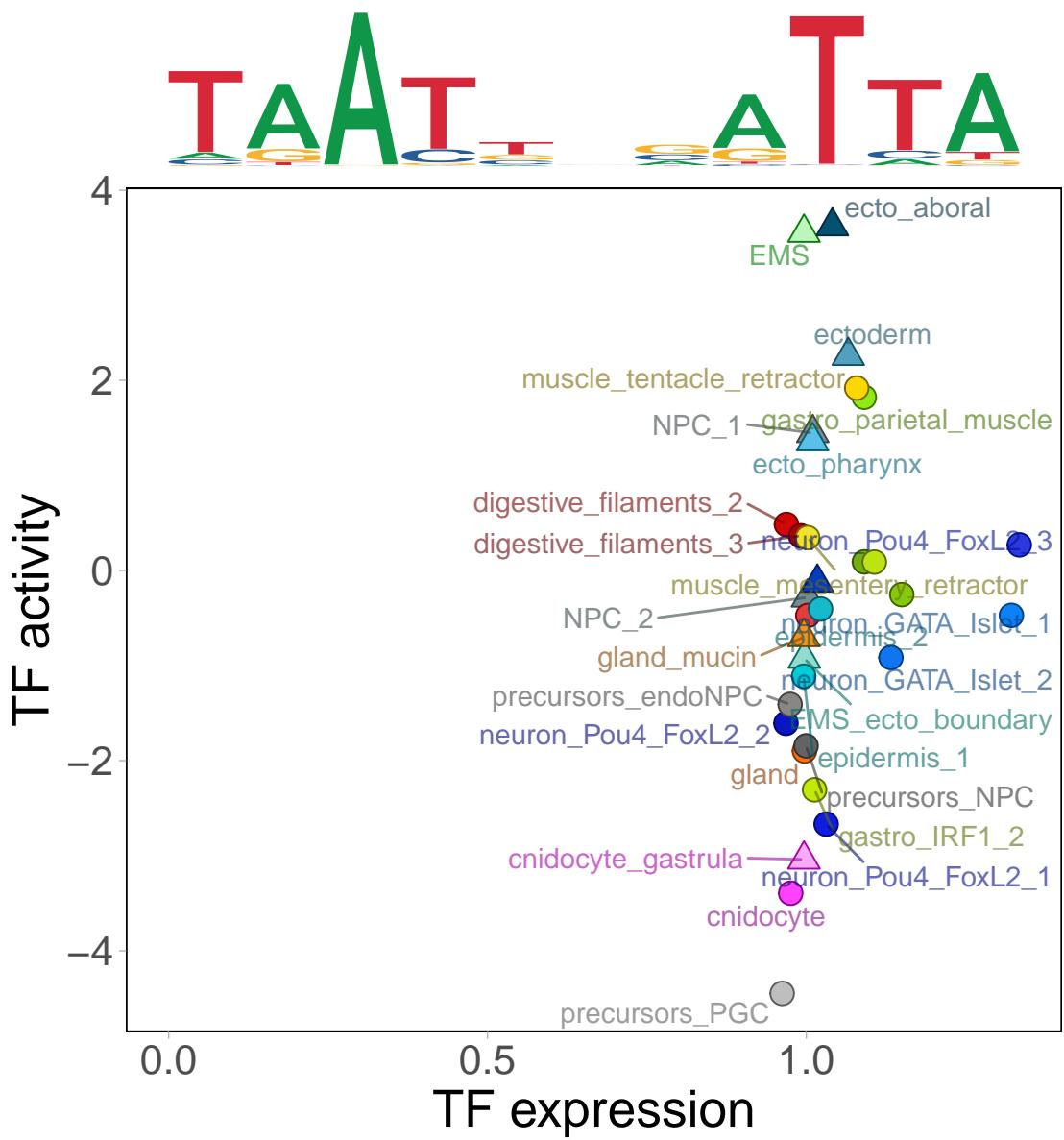
Nvec_vc1.1_XM_001639766.3
OG: zf-C2H2.HG3.18:like:HINFP/HIVE
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH419_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.1462
gene score correlation: 0.7380



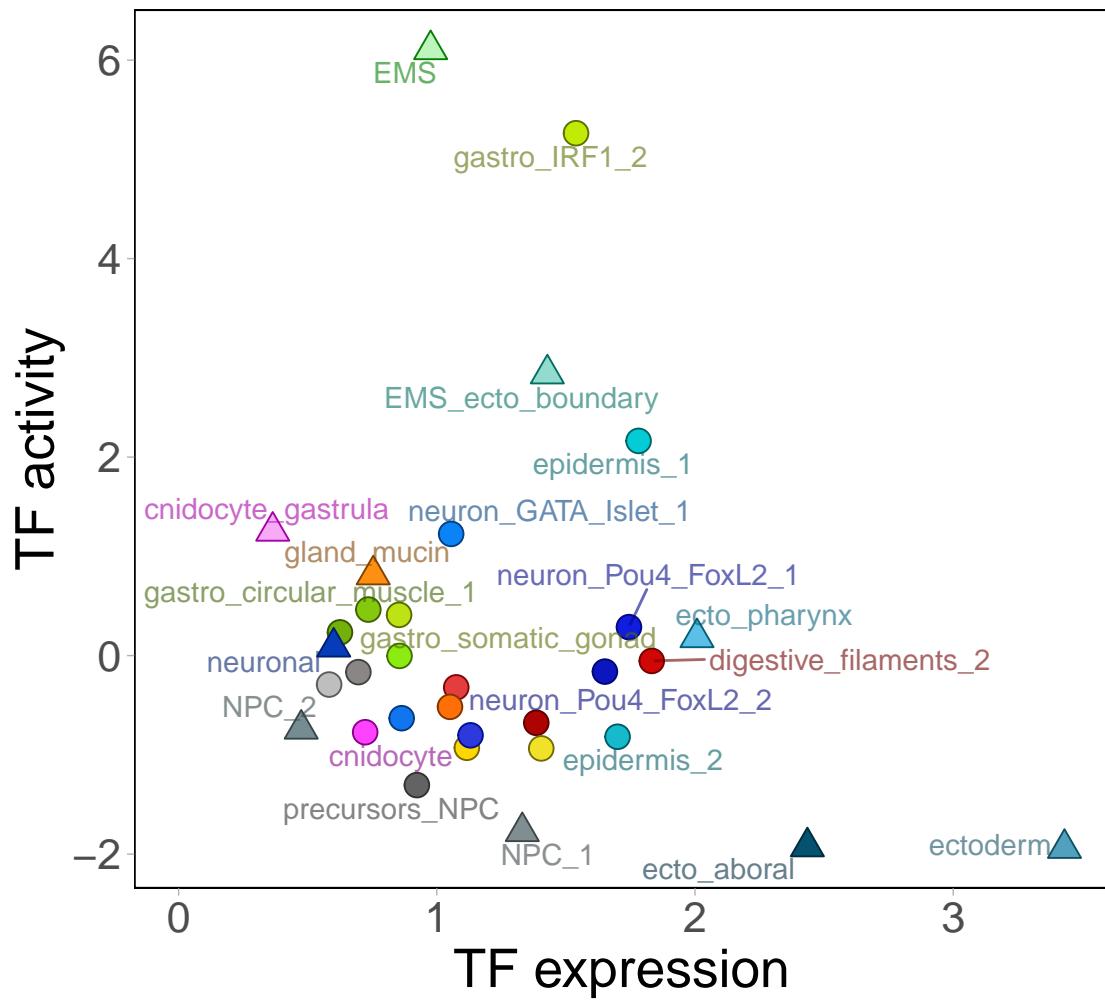
Nvec_vc1.1_XM_001640743.3
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.3248
gene score correlation: 0.3509



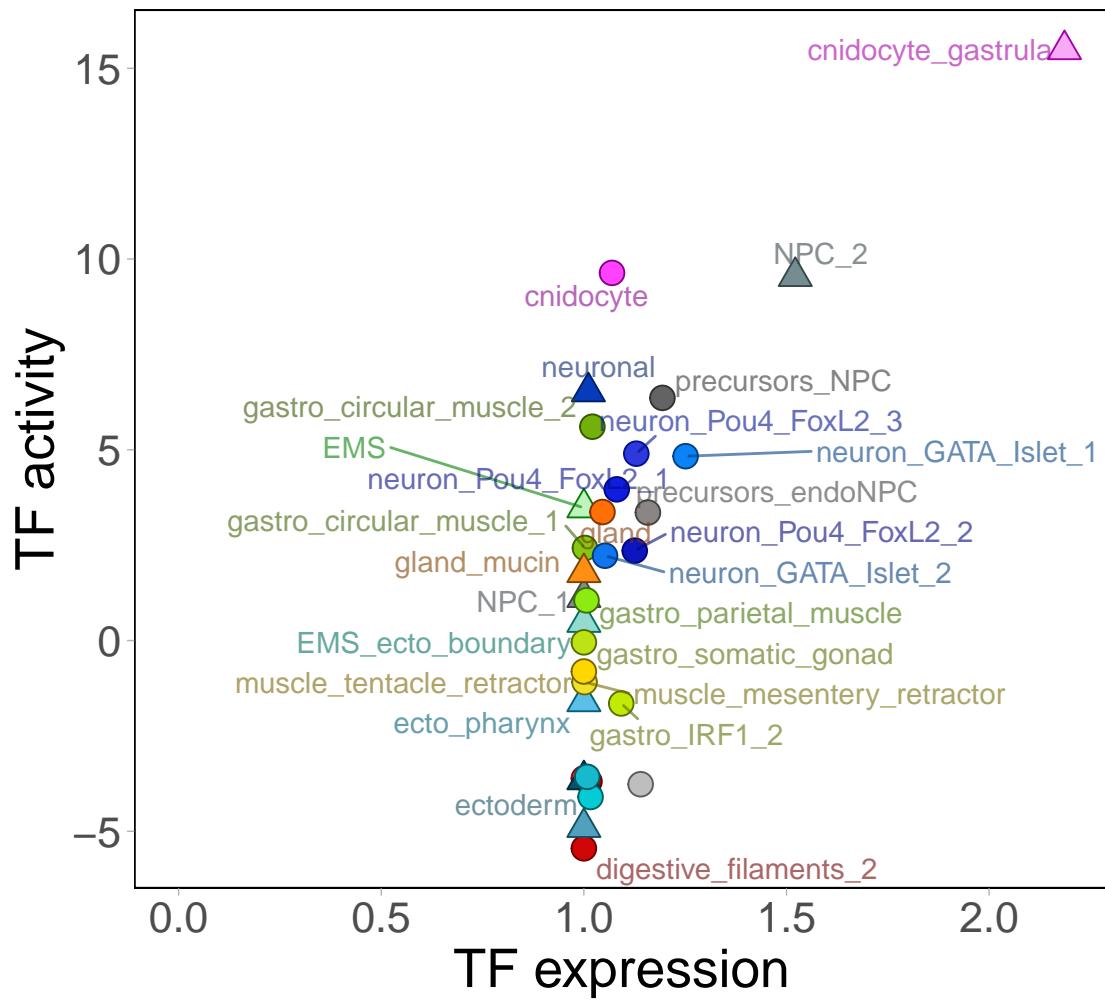
Nvec_vc1.1_XM_001640781.3
OG: Homeodomains.HG1.41:NKX1-1/N
PFAM: Homeodomain
motif: ARCH91_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 39
gene expression correlation: 0.2129
gene score correlation: 0.4421



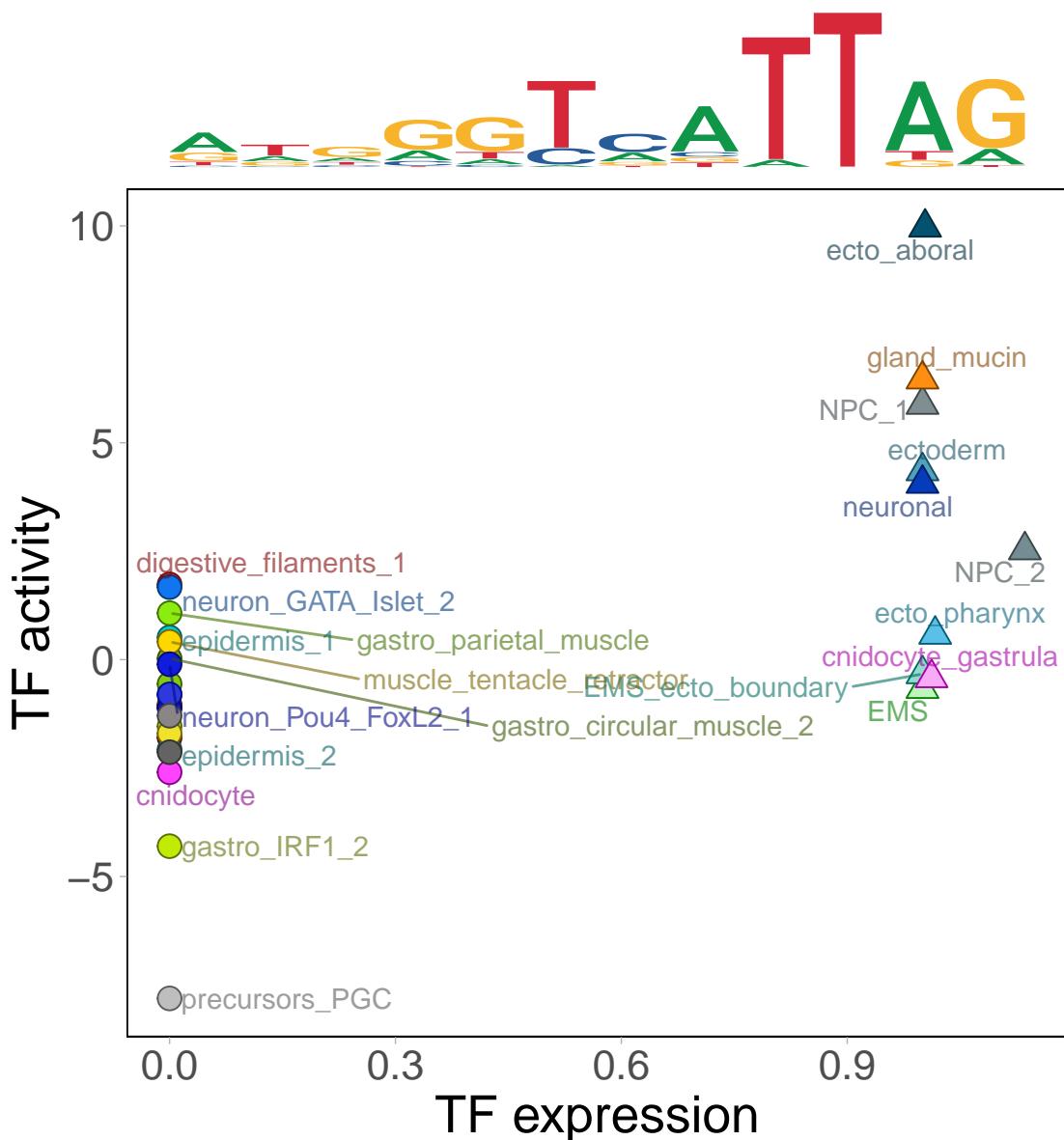
Nvec_vc1.1_XM_001640853.3
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
motif: Jund/Junb/Jun_250224_dimont
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.1541
gene score correlation: 0.2164



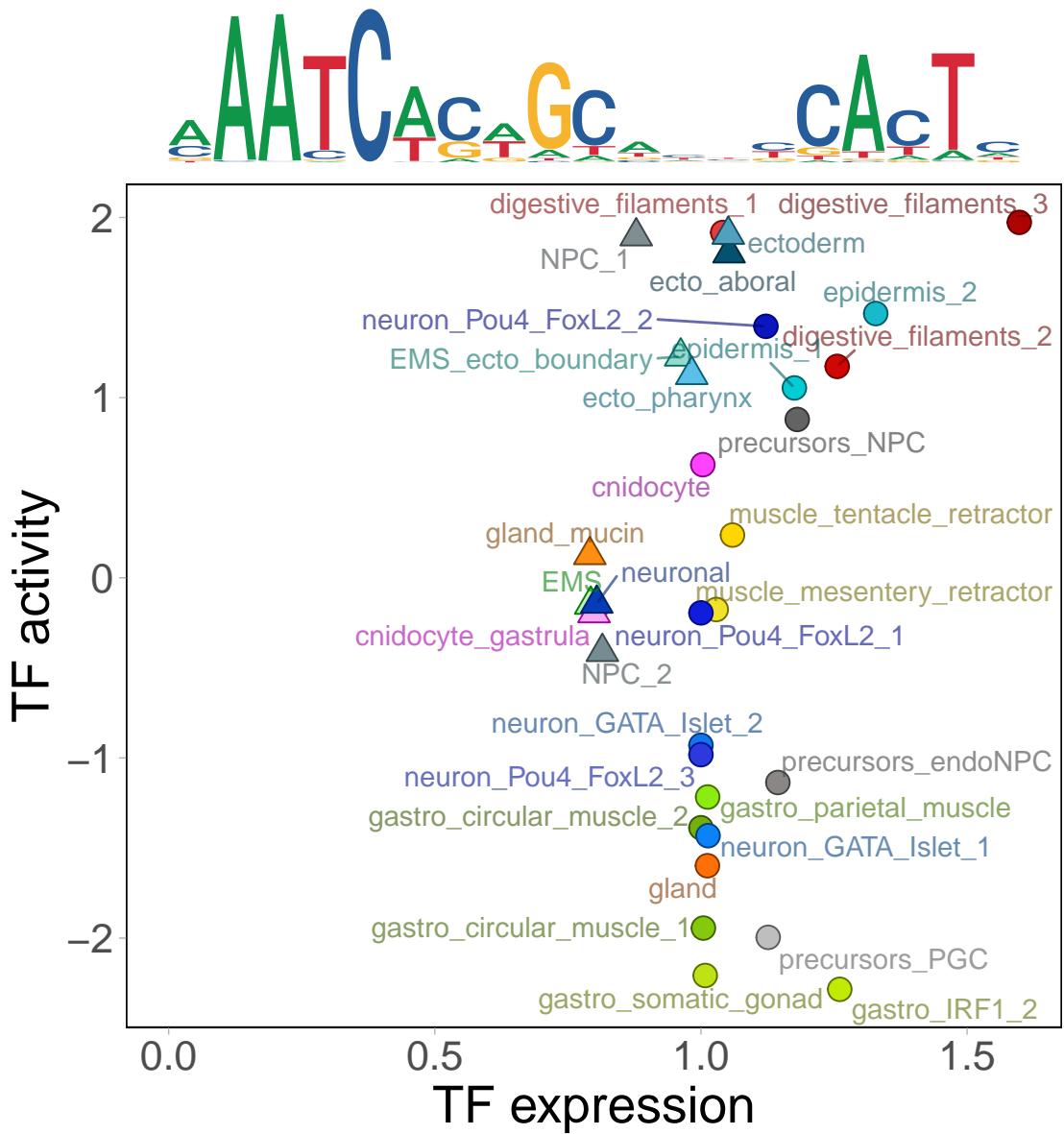
Nvec_vc1.1_XM_001640990.3
OG: HLH.HG1.77:like:NEUROD1/NEUROD2
PFAM: HLH
motif: M06004_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.6798
gene score correlation: 0.4932



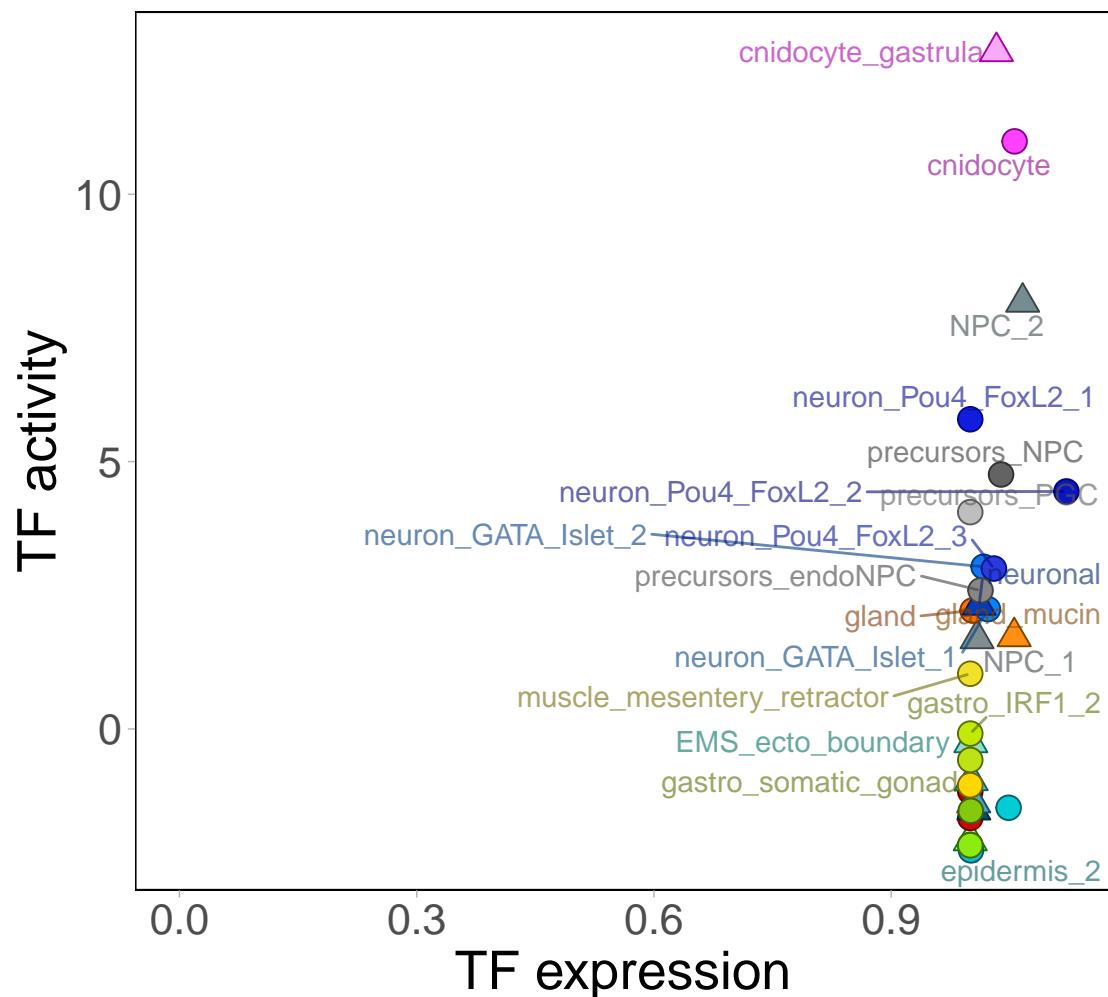
Nvec_vc1.1_XM_001641032.3
OG: Homeodomains.HG1.18:NANOG/N
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 64
gene expression correlation: 0.6252
gene score correlation: 0.5542



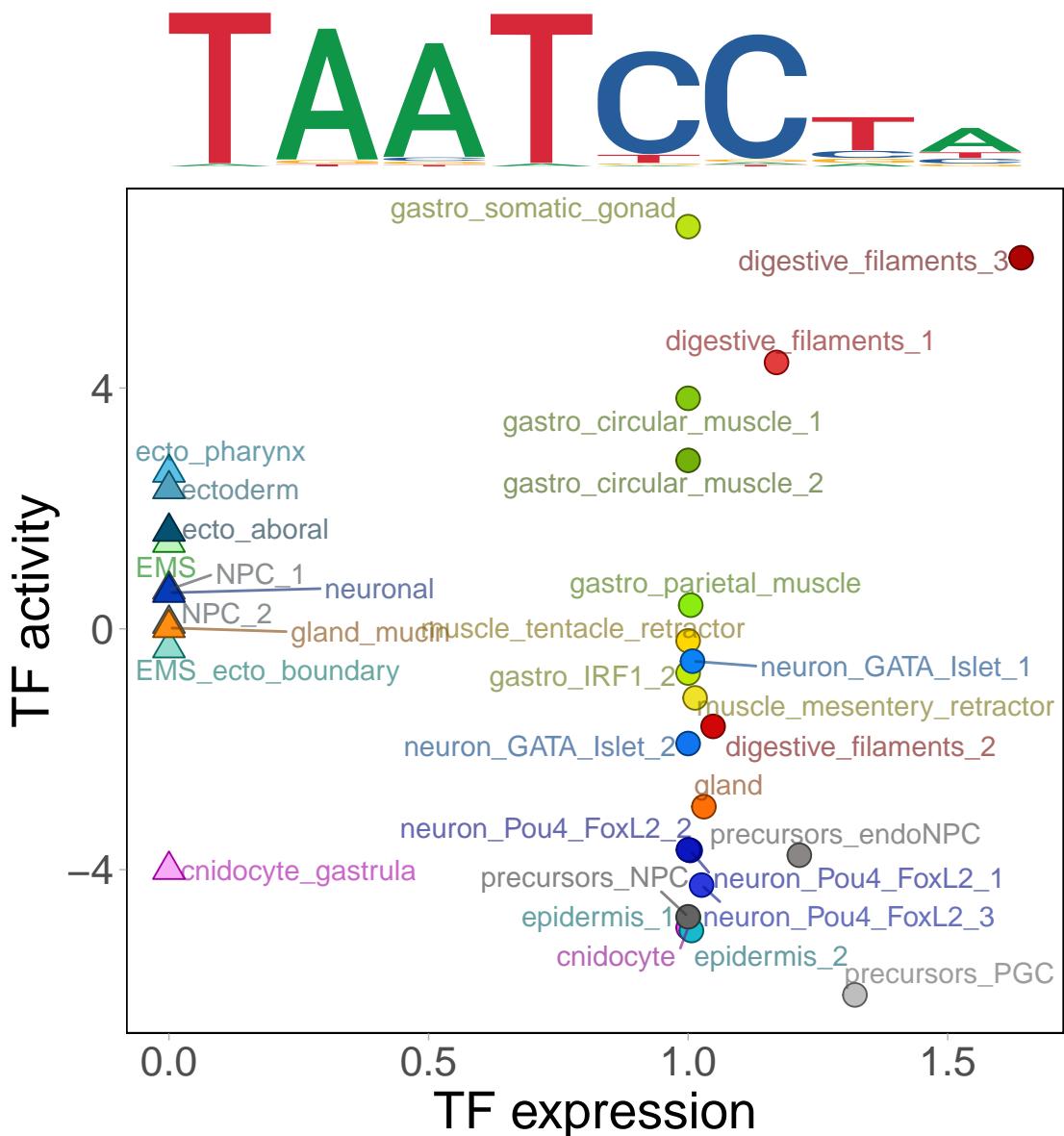
Nvec_vc1.1_XM_001641086.3
OG: zf-C2H2.HG7.5:SNAI1/SNAI2/SNA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 39
gene expression correlation: 0.2091
gene score correlation: 0.2621



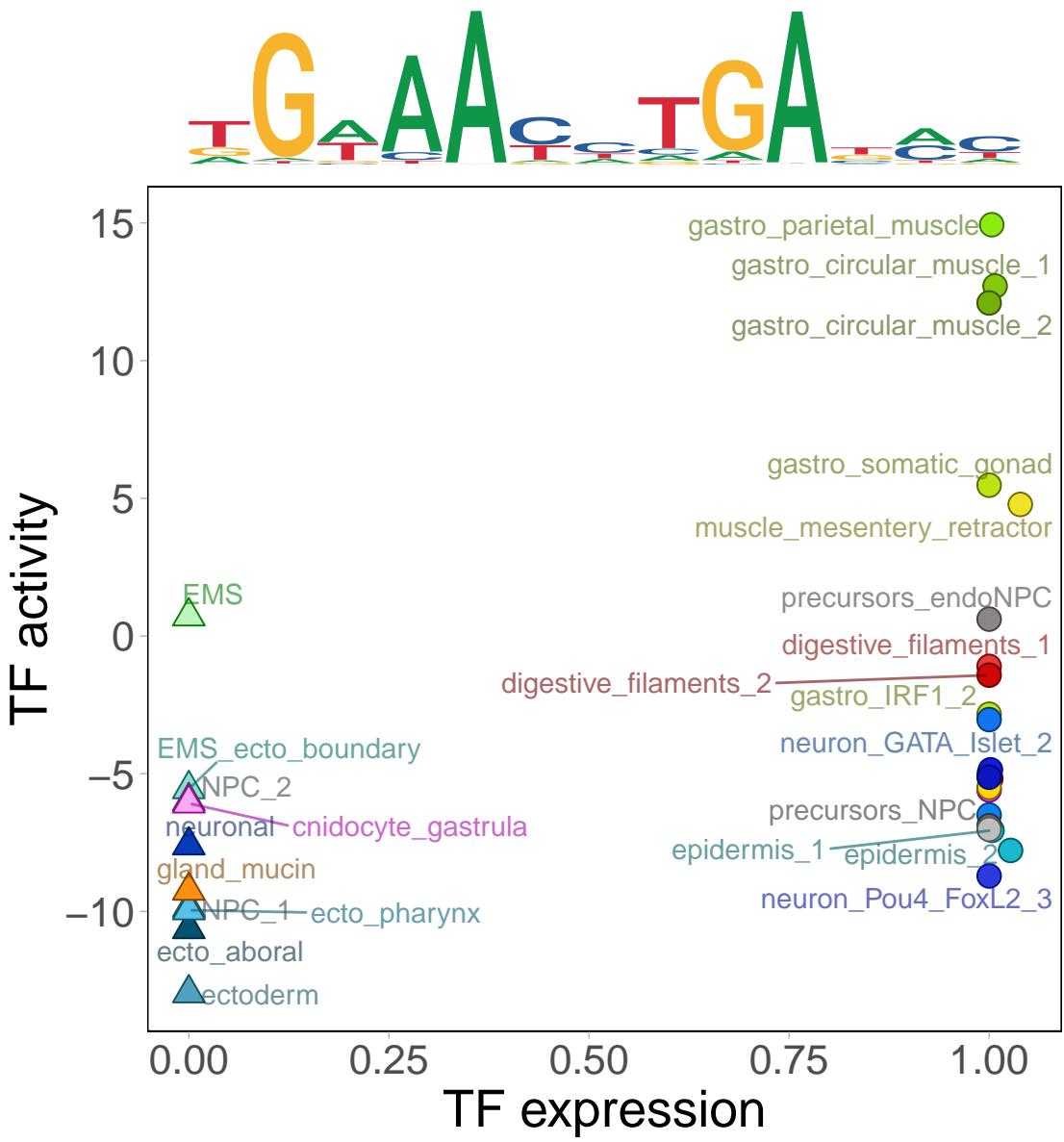
Nvec_vc1.1_XM_001641264.3
OG: Homeodomains.HG1.61:NOTO
PFAM: Homeodomain
motif: ARCH487_Meis3/Meis2/Meis1_P
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 18
gene expression correlation: 0.5403
gene score correlation: 0.4650



Nvec_vc1.1_XM_001641552.3
OG: Homeodomains.HG1.47:like:MSX1
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: -0.1643
gene score correlation: 0.3032

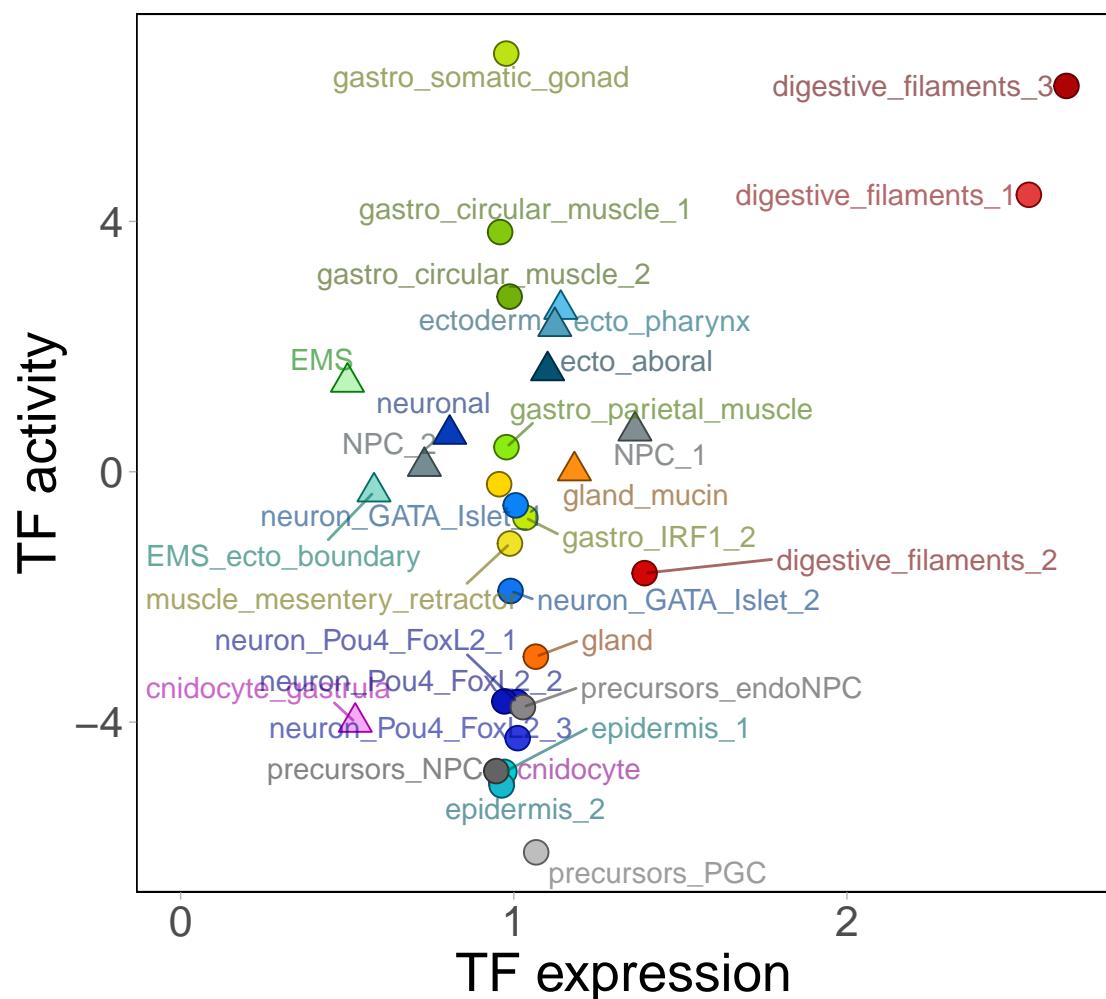


Nvec_vc1.1_XM_001641575.3
OG: Homeodomains.HG1.68:AC004080
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.4318
gene score correlation: 0.7438

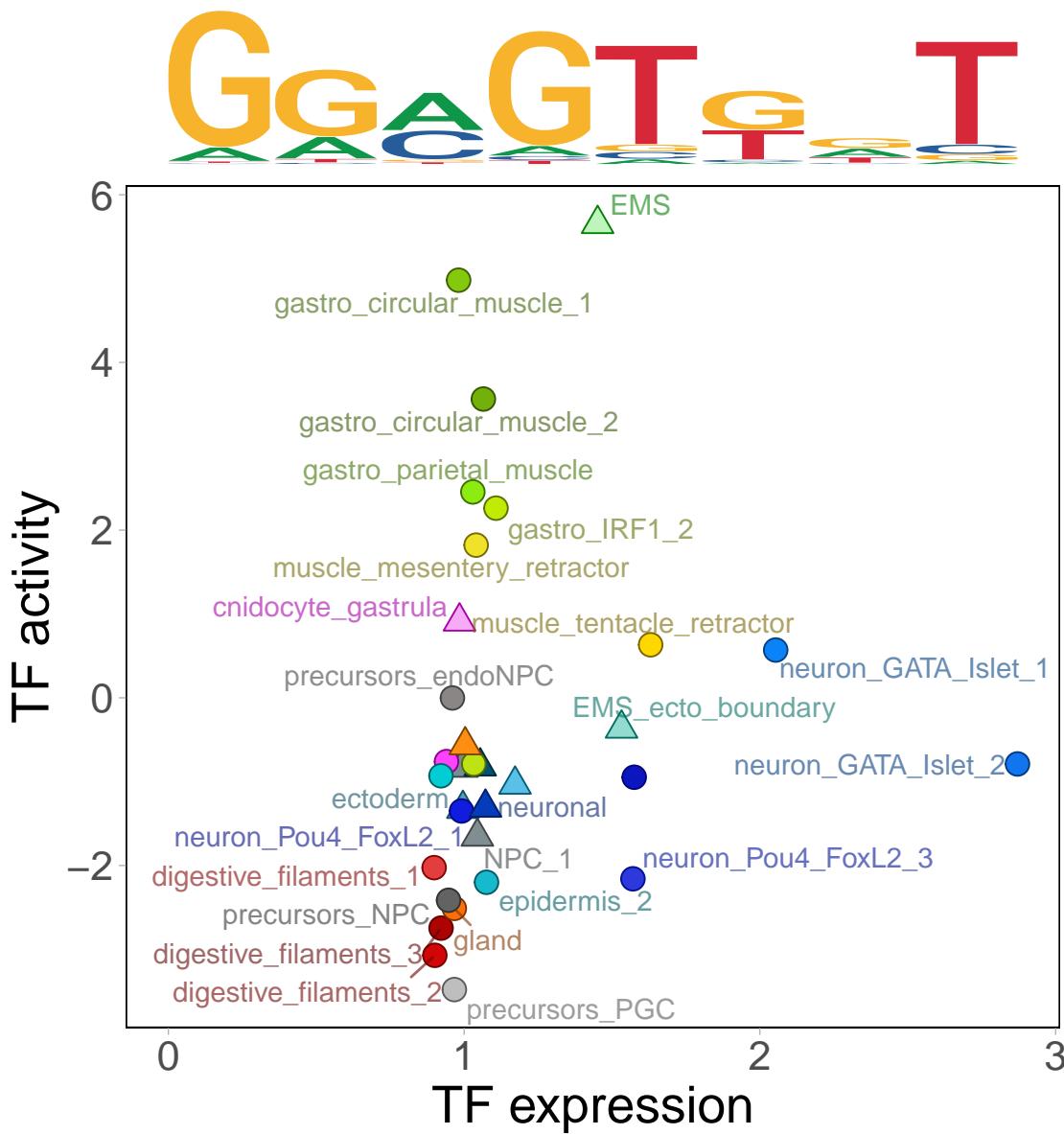


Nvec_vc1.1_XM_001641660.3
OG: Homeodomains.HG2.64:PITX1/PIT
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4317
gene score correlation: 0.6242

TAA Tcc



Nvec_vc1.1_XM_001647488.3
OG: Homeodomains.HG2.46:CRX/OTX
PFAM: Homeodomain
motif: ARCH697_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 25
gene expression correlation: 0.1155
gene score correlation: 0.5146



Nvec_vc1.1_XM_032361813.2

OG: Myb.HG1.23:TERB1/TERF2

PFAM: Myb_DNA-binding

motif: ARCH1391_MYB113

TF family: Myb

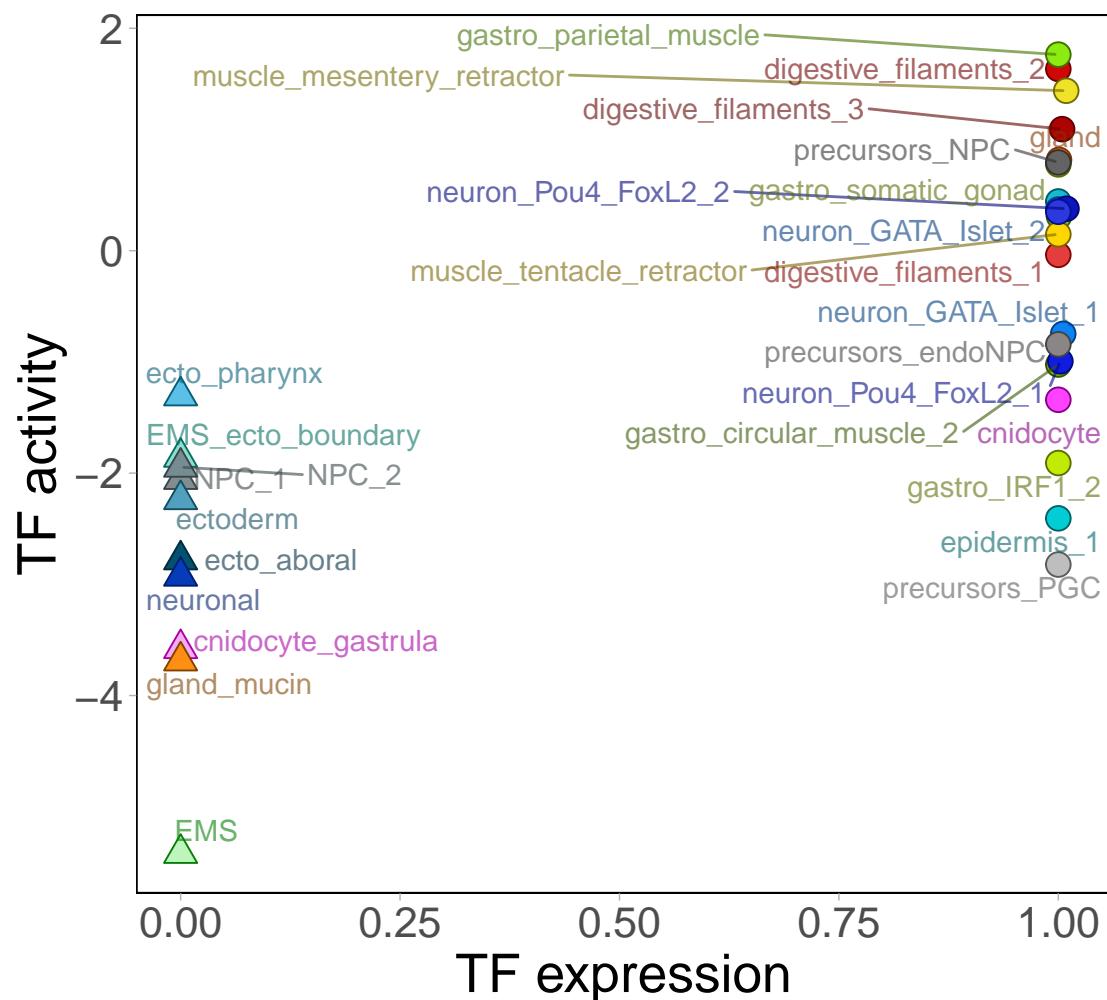
archetype family: Myb

CisBP assigned: FALSE

rank: 846

gene expression correlation: 0.7187

gene score correlation: 0.1320



Nvec_vc1.1_XM_032361849.2

OG: Ets.HG1.2:ELK1/ELK3/ELK4

PFAM: Ets

motif: ARCH578_Elf3/Ehf/Elf5_Etv6

TF family: Ets

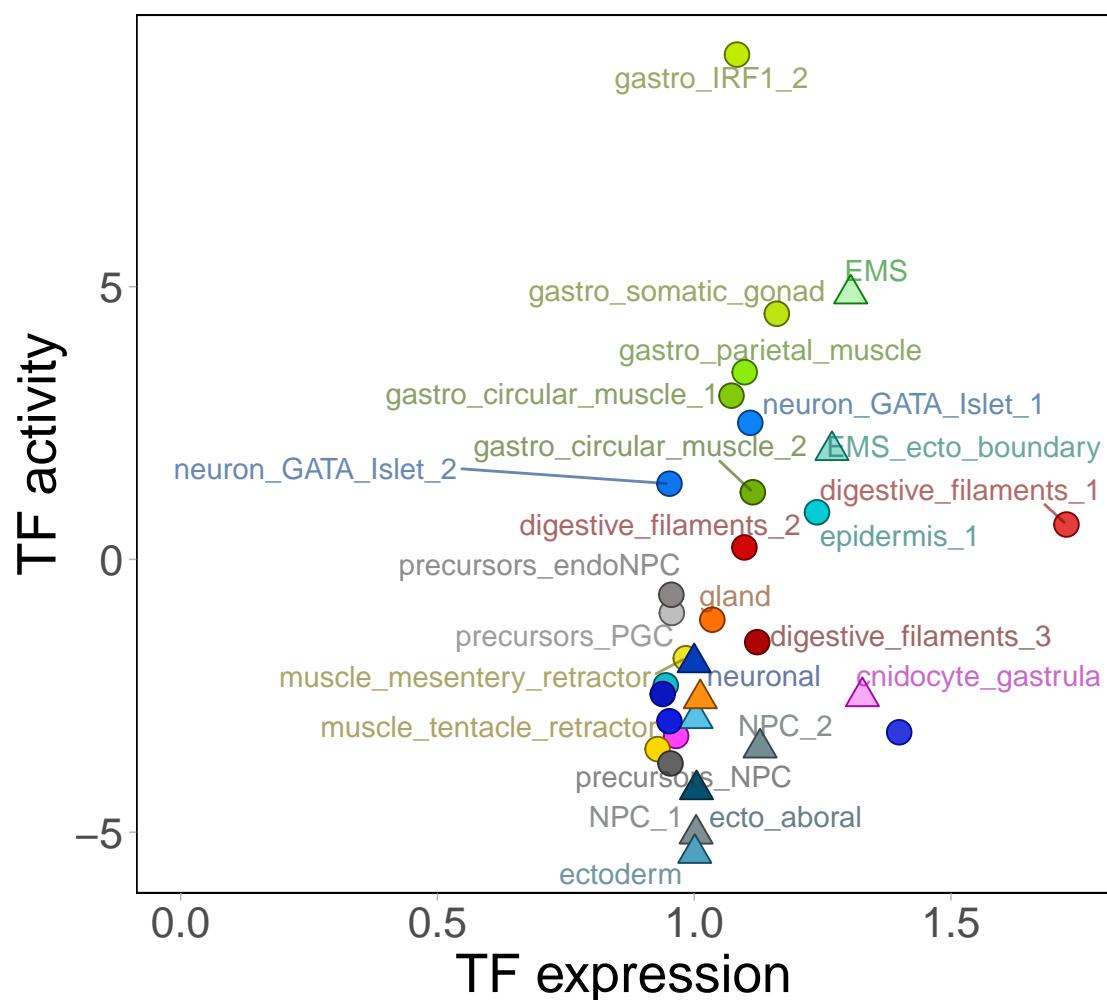
archetype family: Ets

CisBP assigned: FALSE

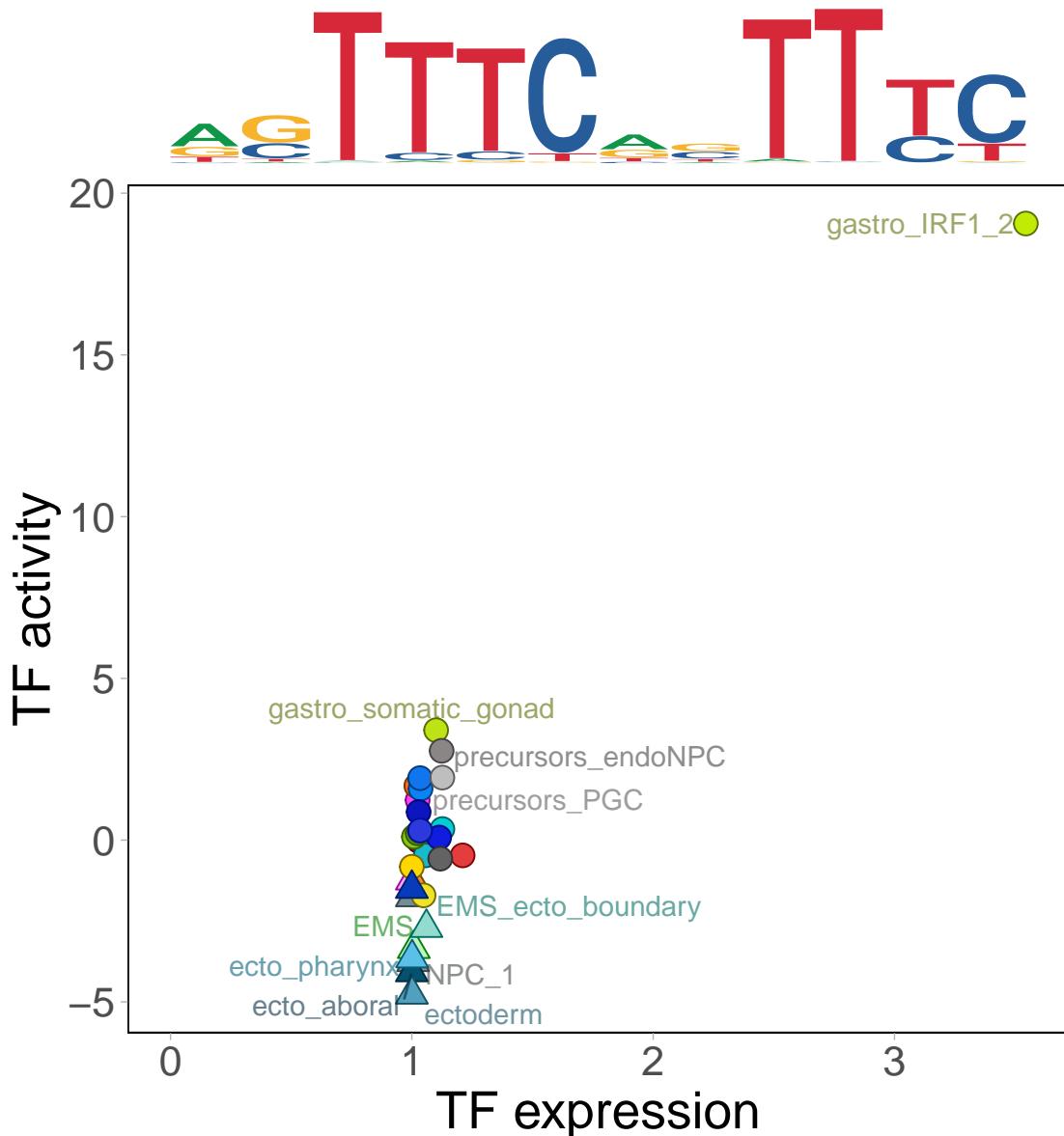
rank: 1

gene expression correlation: 0.3013

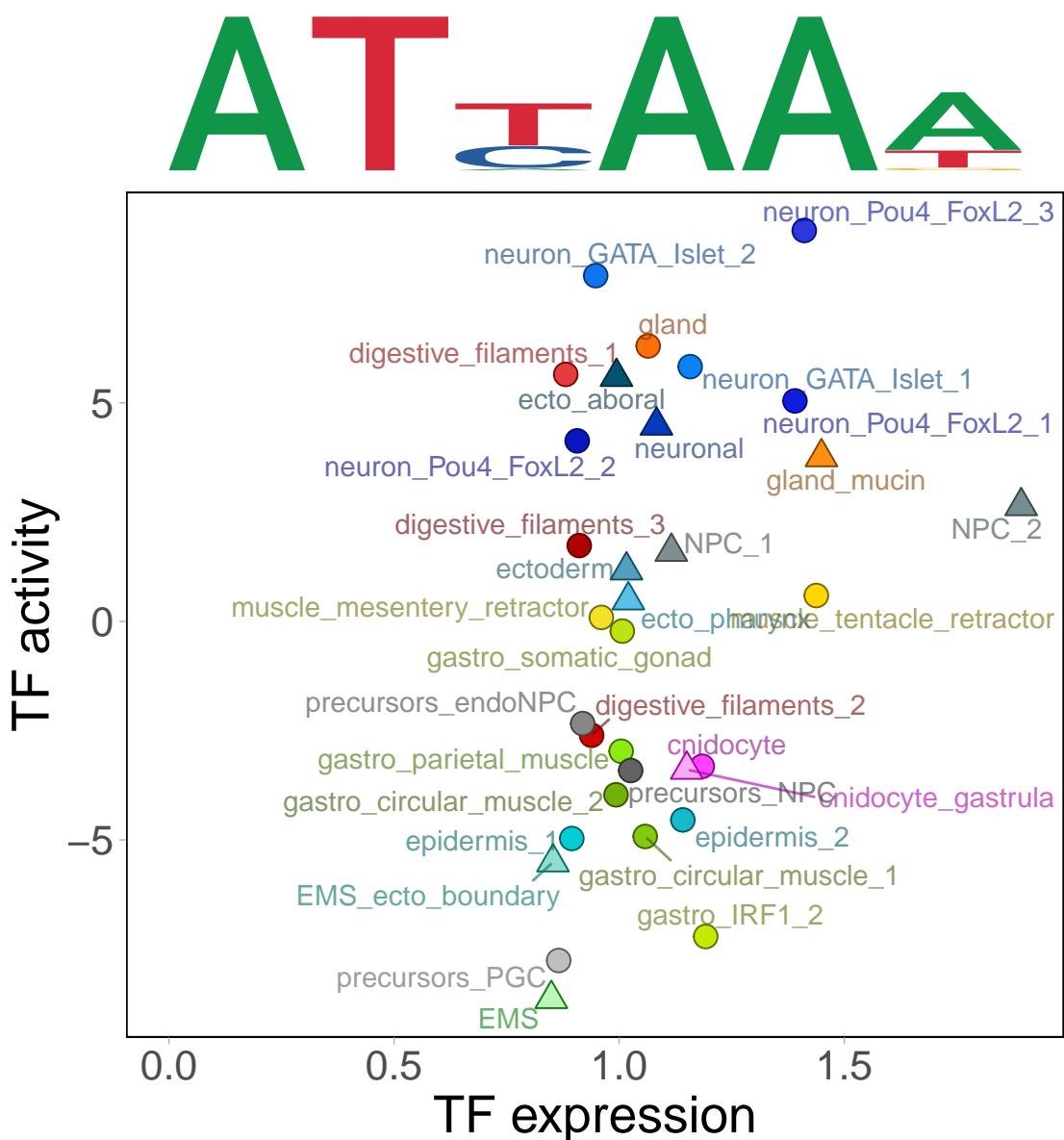
gene score correlation: 0.7245



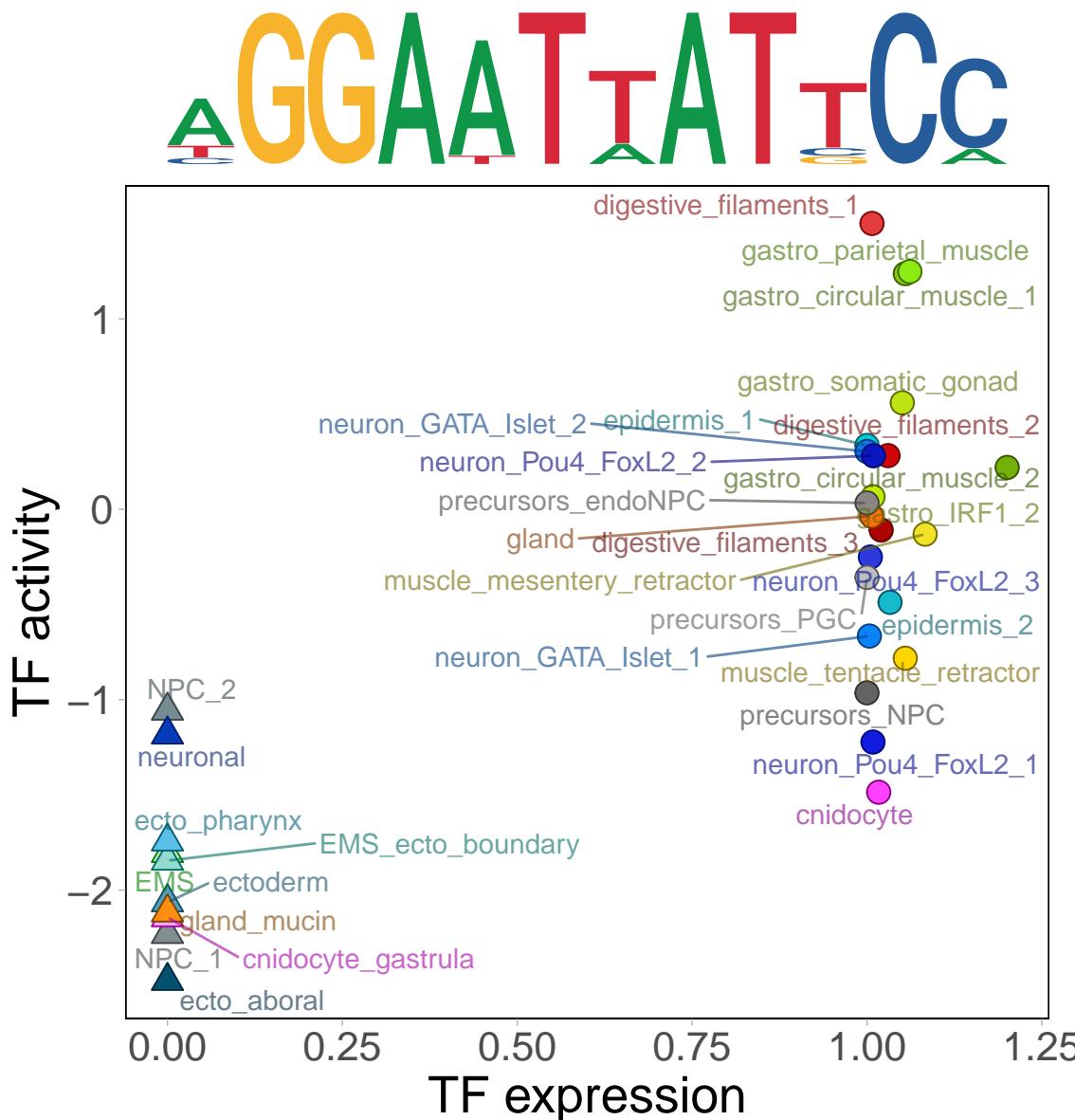
Nvec_vc1.1_XM_032361976.2
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5
PFAM: IRF
motif: ARCH591_ISRE__IRF3__IRF8
TF family: IRF
archetype family: IRF
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.8844
gene score correlation: 0.8740



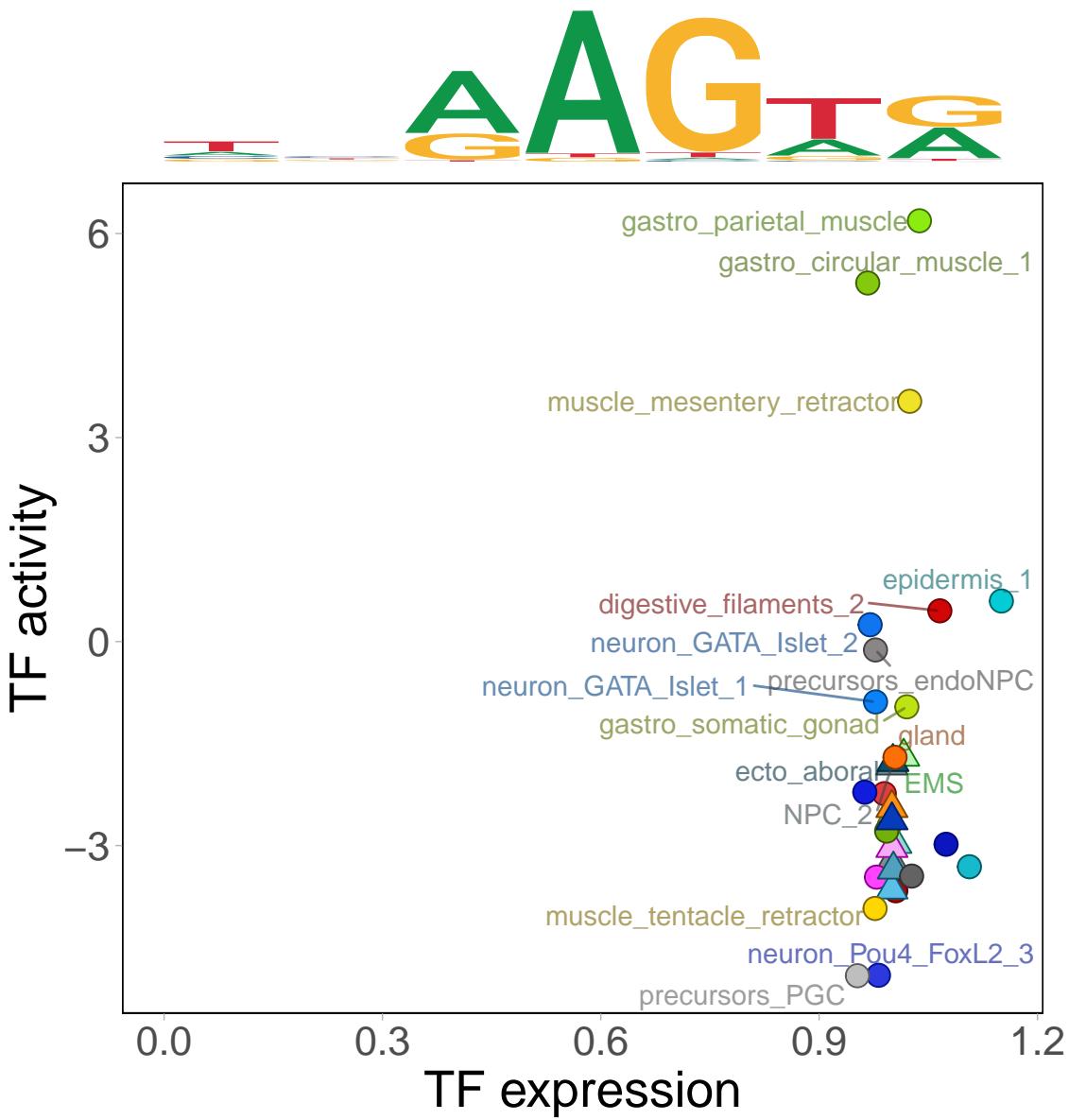
Nvec_vc1.1_XM_032362135.2
OG: ARID_BRIGHT.HG1.9:ARID3A/AR
PFAM: ARID
motif: ARCH13_Arid2_Arid3c/Arid3a/...
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: TRUE
rank: 41
gene expression correlation: 0.3168
gene score correlation: 0.4613



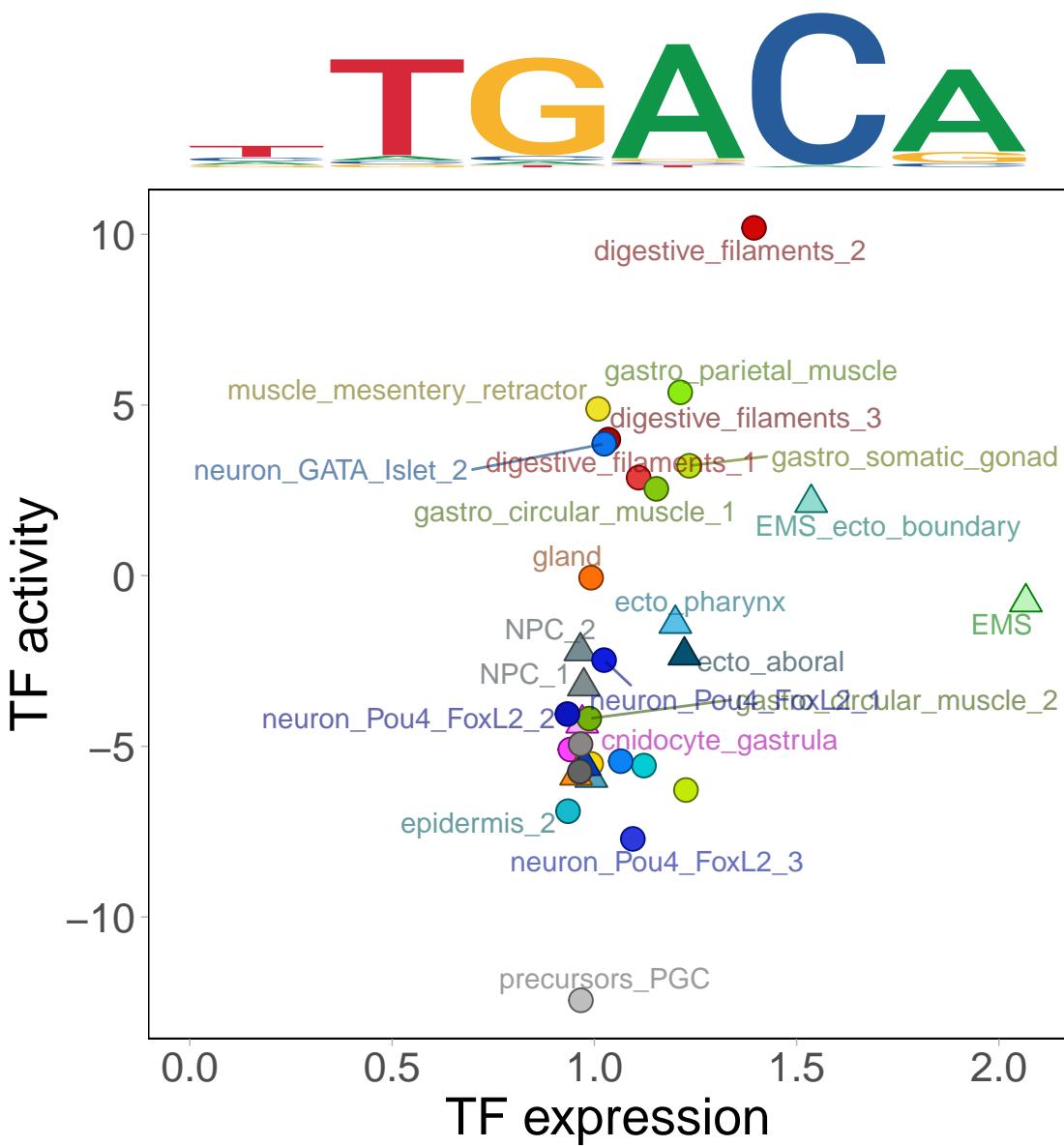
Nvec_vc1.1_XM_032362307.2
OG: Homeodomains.HG1.66:like:GSX1
PFAM: Homeodomain
motif: ARCH1055_MF0010.1_Homeob
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 464
gene expression correlation: 0.7972
gene score correlation: 0.1317



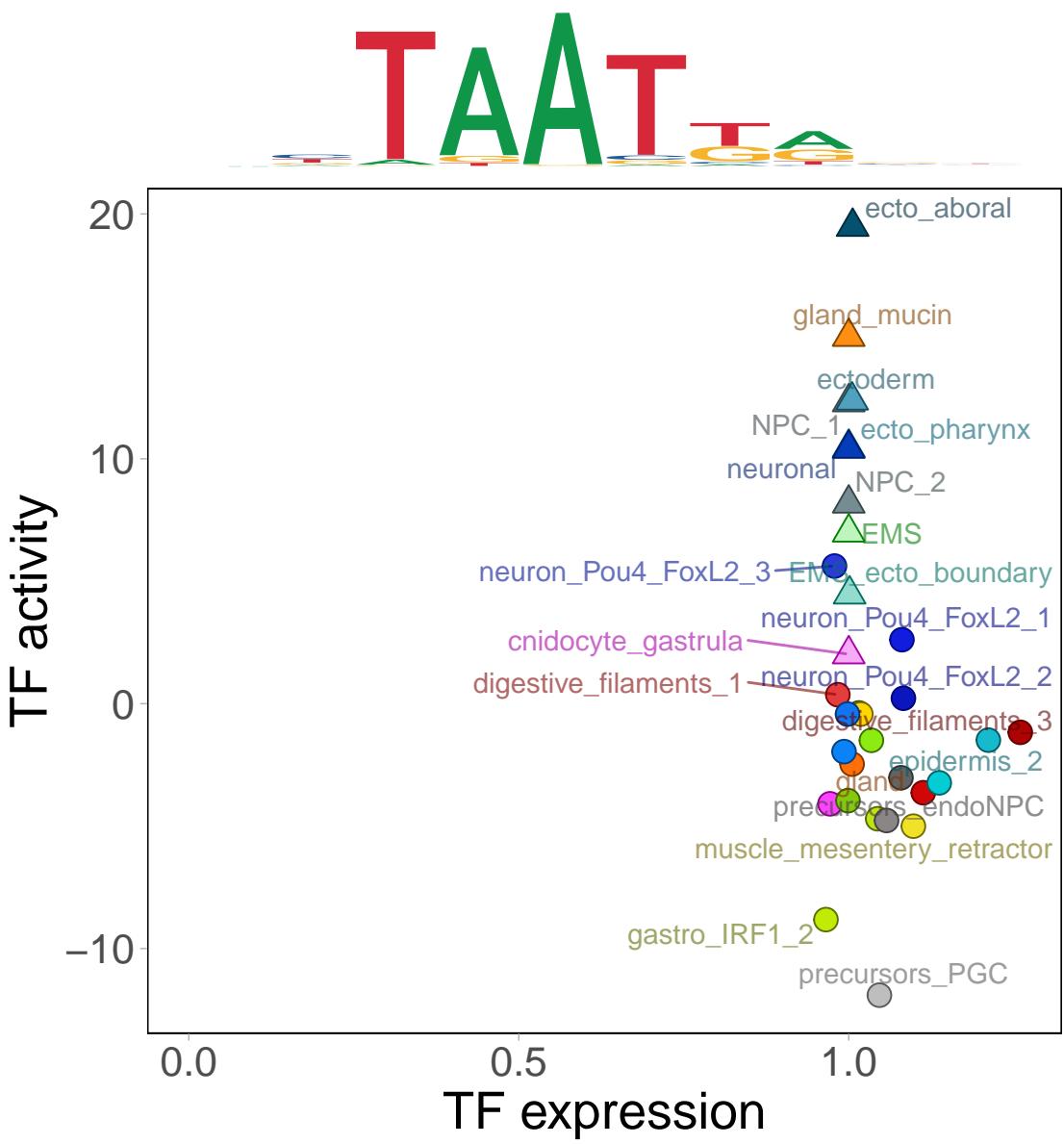
Nvec_vc1.1_XM_032362346.2
OG: Homeodomains.HG1.21:BARX1/B
PFAM: Homeodomain
motif: ARCH167_Nanog
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 50
gene expression correlation: 0.1748
gene score correlation: 0.5585



Nvec_vc1.1_XM_032362379.2
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.3773
gene score correlation: 0.6426



Nvec_vc1.1_XM_032362396.2
OG: Homeodomains.HG1.69:HOXA3/HG1.69
PFAM: Homeodomain
motif: M03126_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.2885
gene score correlation: -0.1079



Nvec_vc1.1_XM_032362607.2

OG: Forkhead.HG1.5:FOXQ1

PFAM: Forkhead

motif: ARCH895_Foxn4/Foxn1

TF family: Forkhead

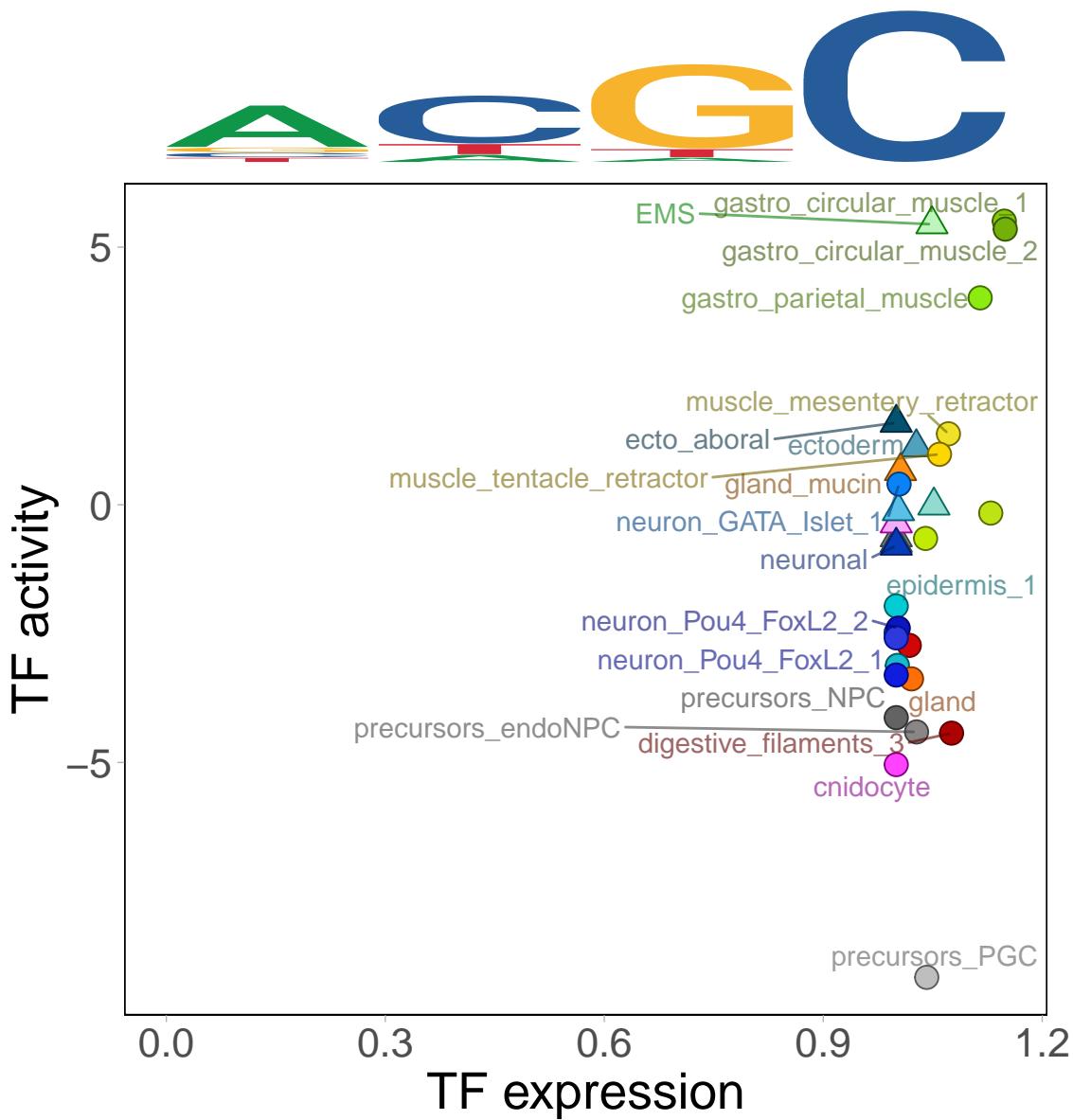
archetype family: Forkhead

CisBP assigned: FALSE

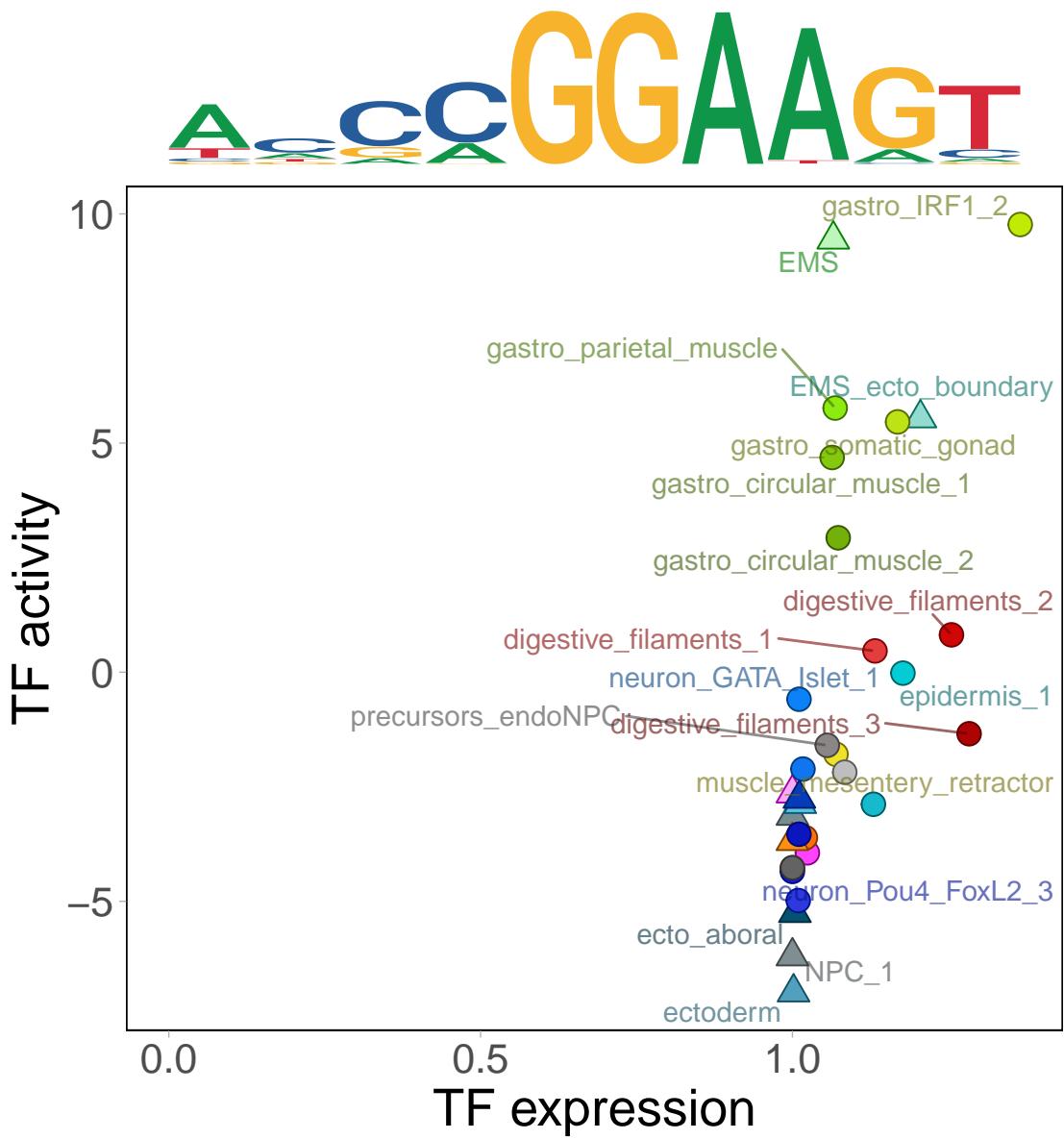
rank: 192

gene expression correlation: 0.5331

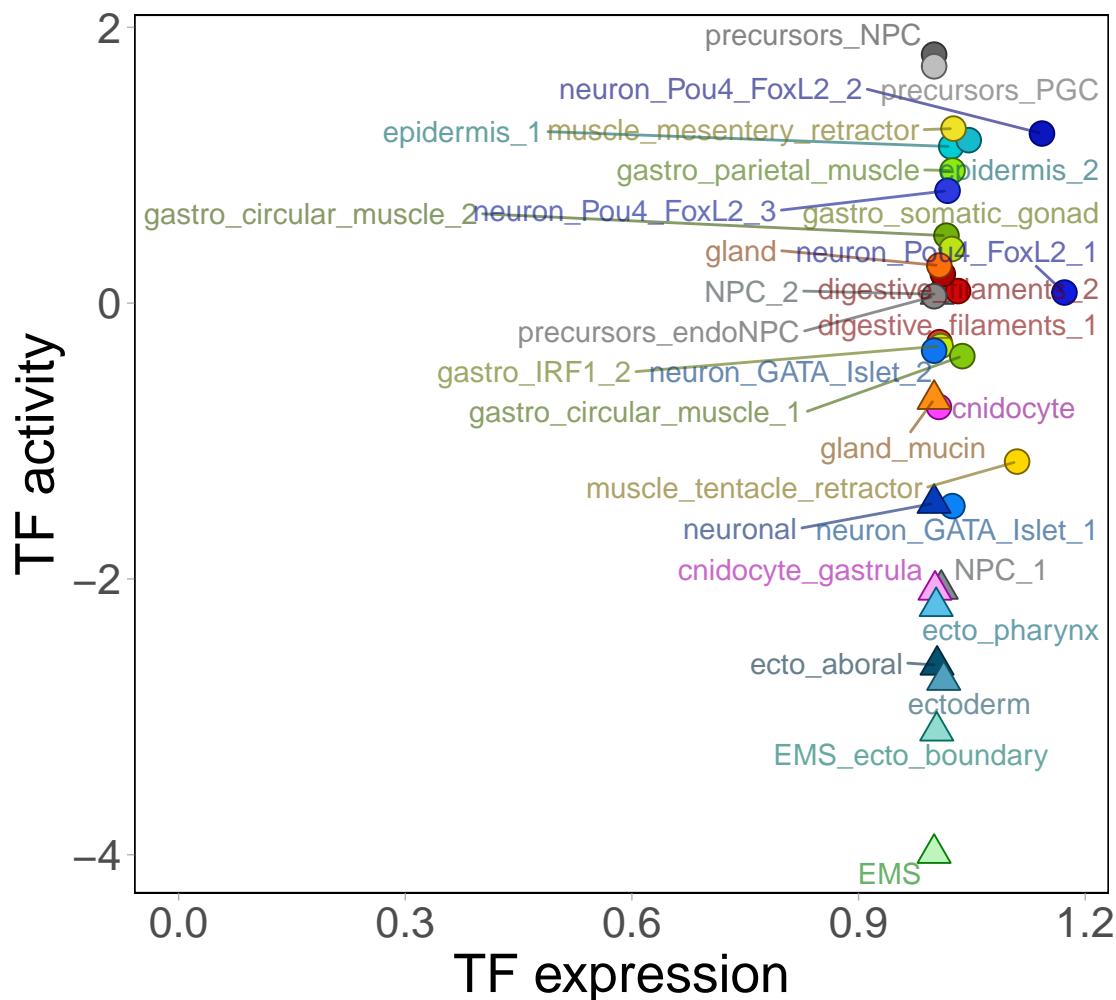
gene score correlation: 0.5780



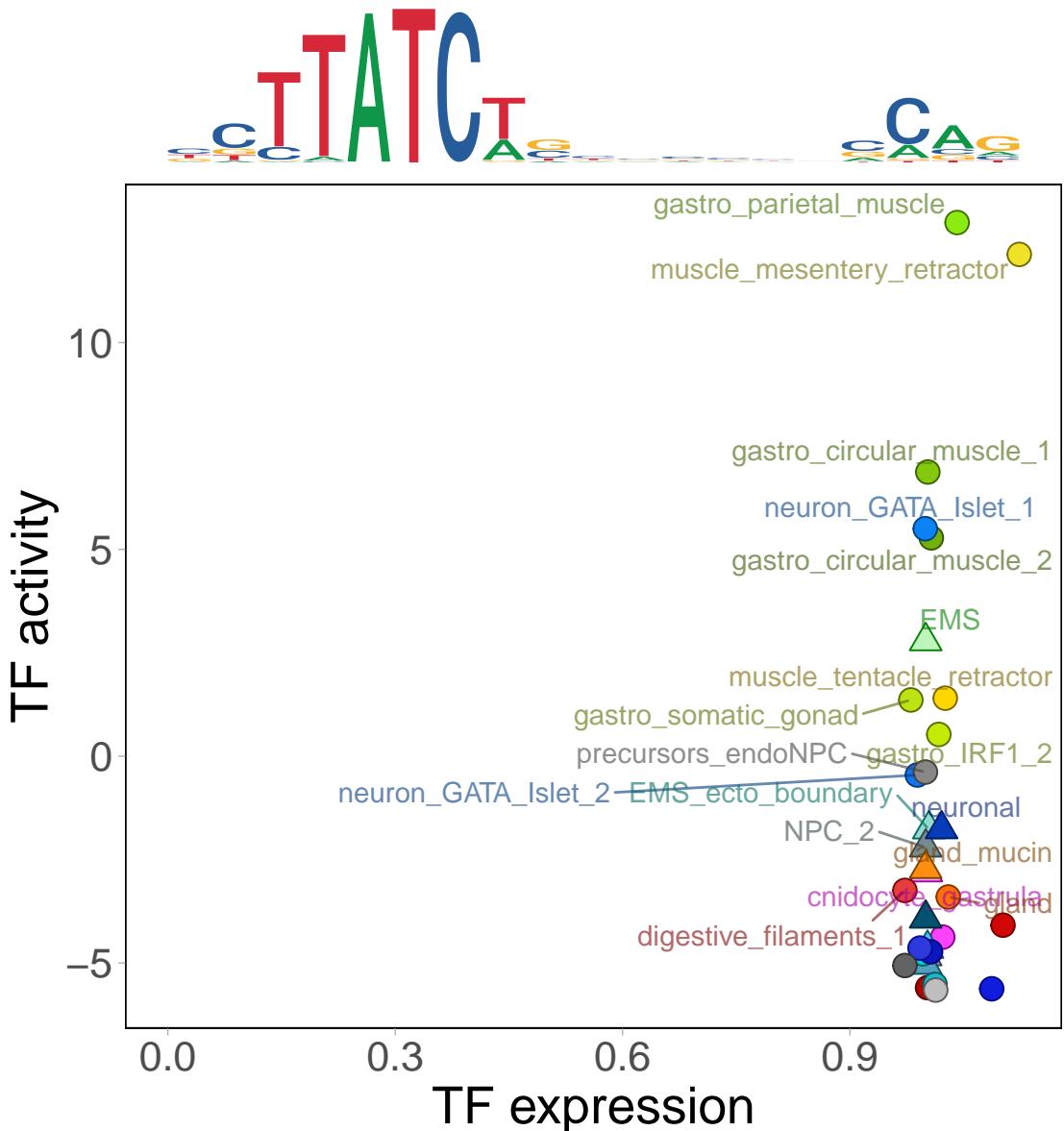
Nvec_vc1.1_XM_032362934.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 3
gene expression correlation: 0.6246
gene score correlation: 0.7319



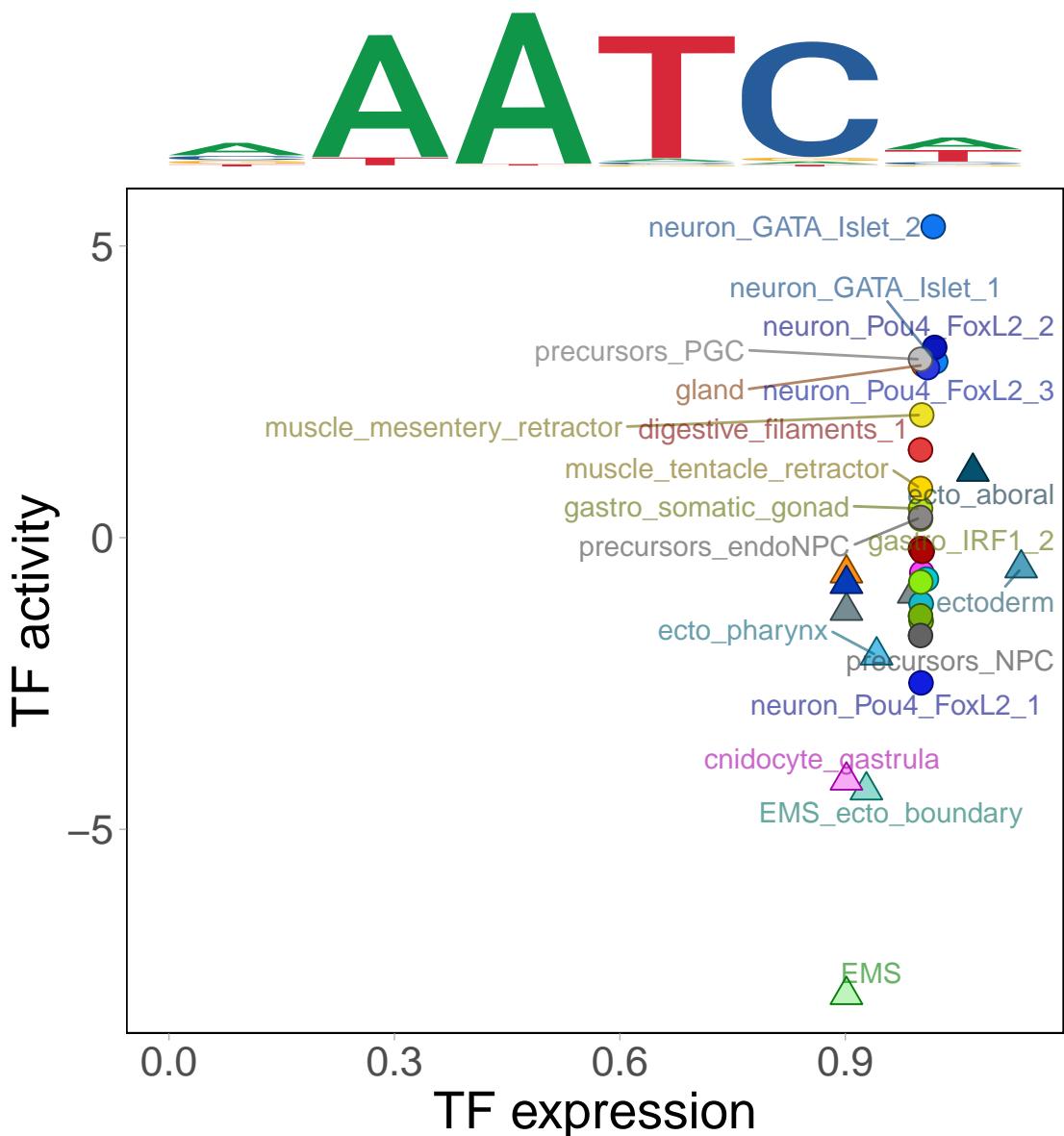
Nvec_vc1.1_XM_032362959.2
OG: MADS-box_SRF.HG1.1:like:BORC
PFAM: SRF-TF
motif: ARCH1333_Mef2c/Mef2b/Mef2a/
TF family: MADS-box_SRF
archetype family: MADS-box_SRF
CisBP assigned: FALSE
rank: 89
gene expression correlation: 0.2271
gene score correlation: 0.7611



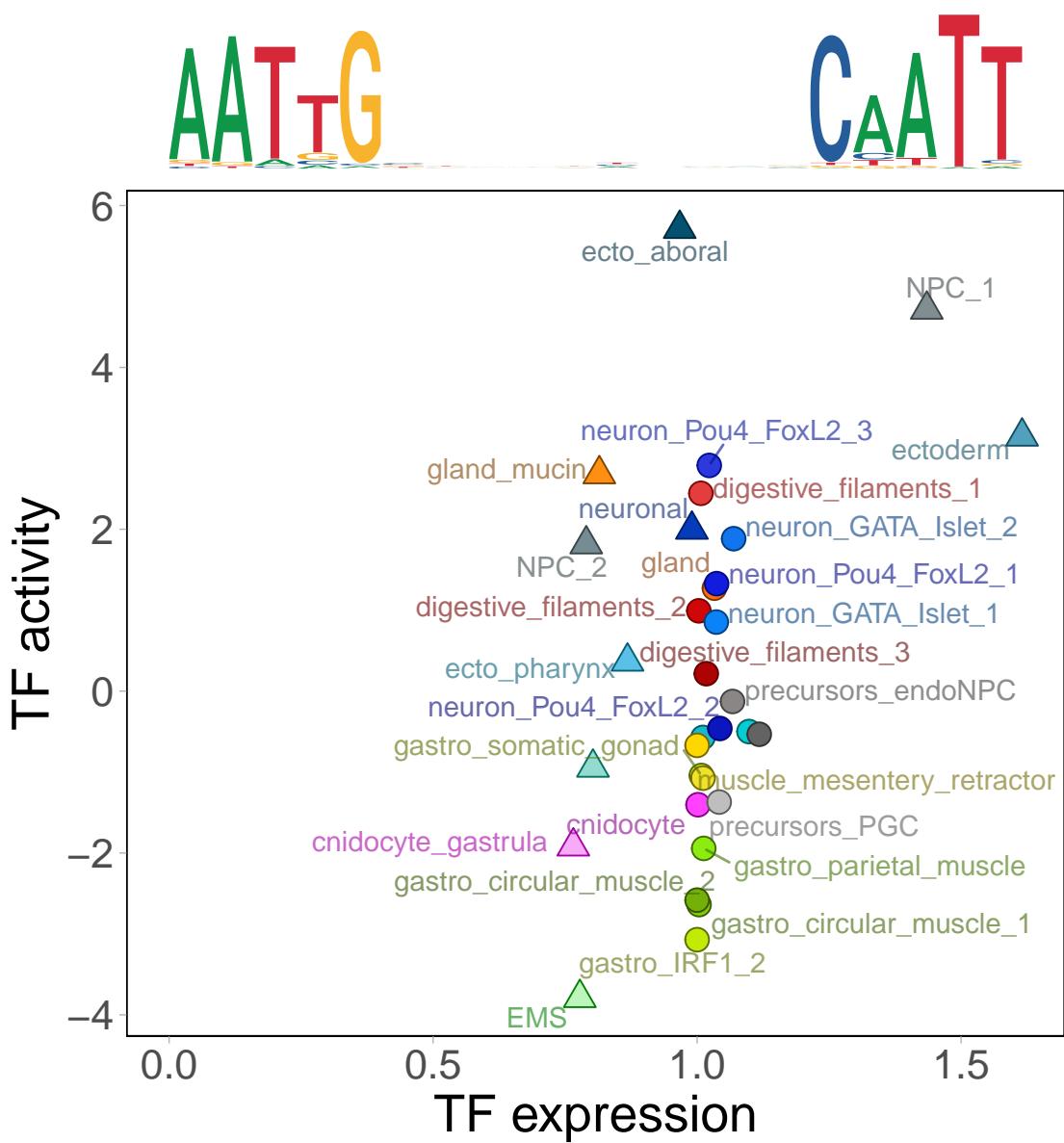
Nvec_vc1.1_XM_032363017.2
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/
PFAM: HLH
motif: M08734_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.3001
gene score correlation: 0.6280



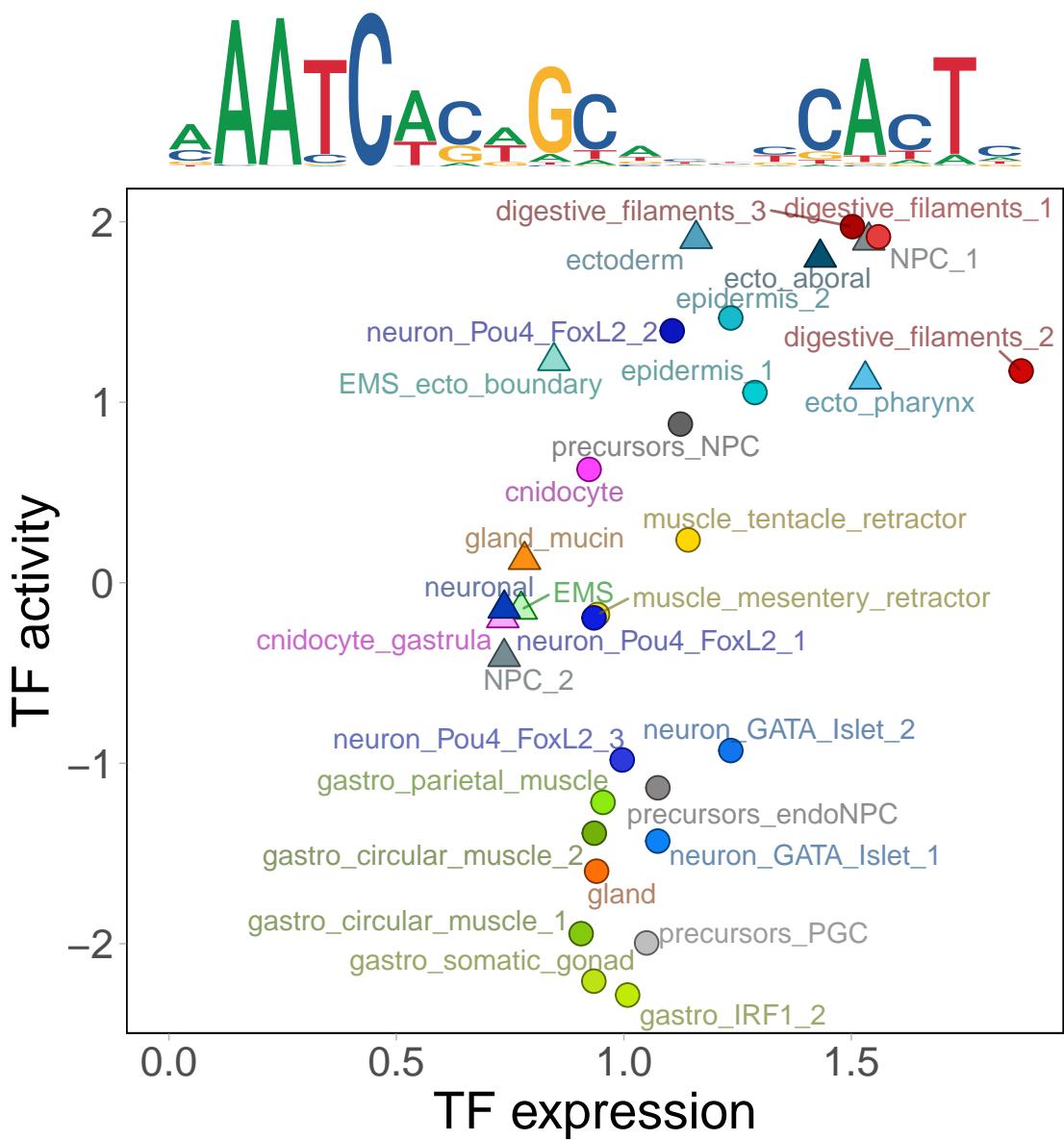
Nvec_vc1.1_XM_032363027.2
OG: zf-C2H2.HG19.1:PRDM14
PFAM: SET/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1200_Zfp760/Zfp770
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.5213
gene score correlation: 0.4995



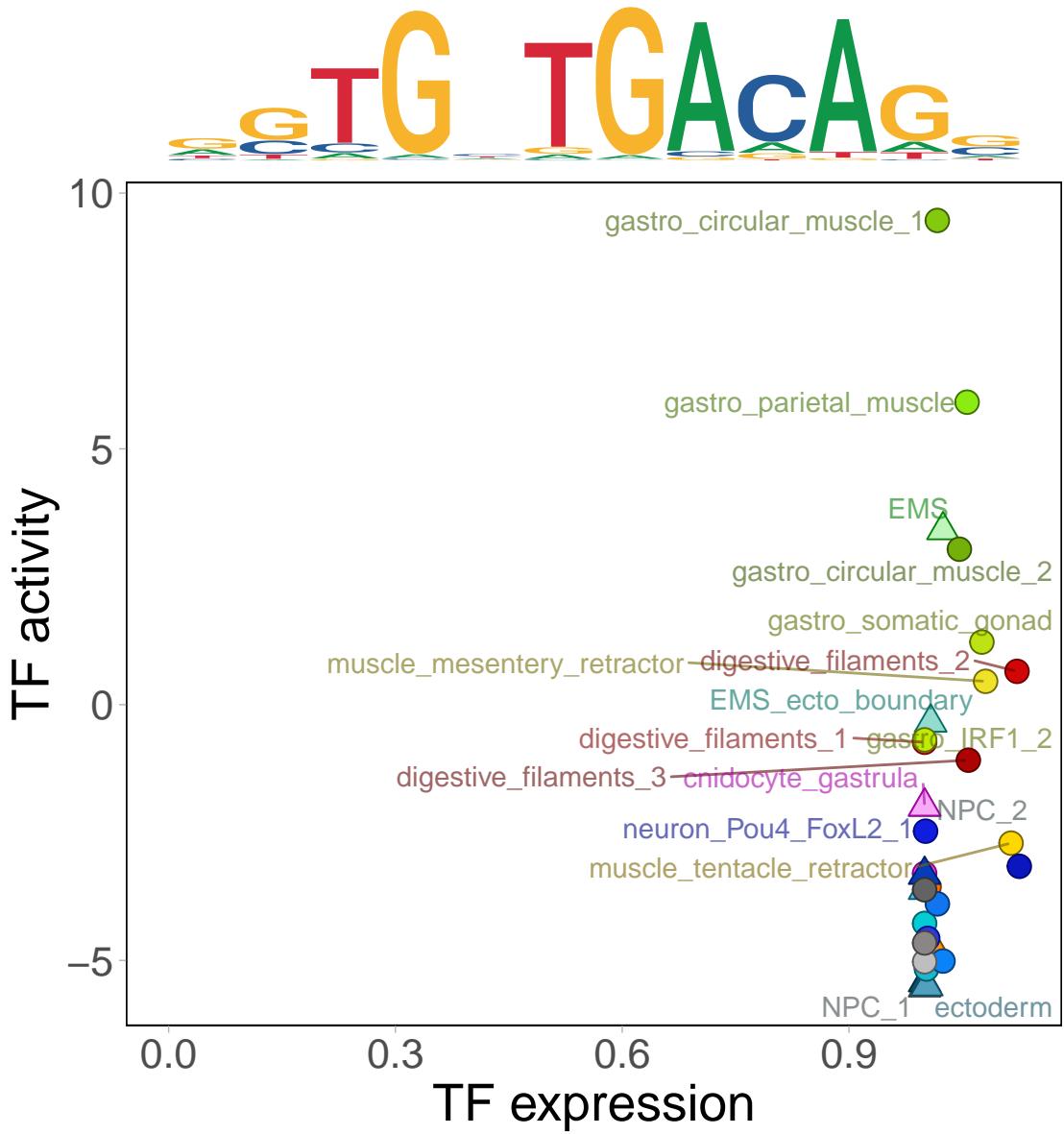
Nvec_vc1.1_XM_032363350.2
OG: Homeodomains.HG1.31:DLX1/DLX2
PFAM: Homeodomain
motif: ARCH294_Emx1/Emx2_Hmx1/HmxB
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 380
gene expression correlation: 0.3782
gene score correlation: 0.0856



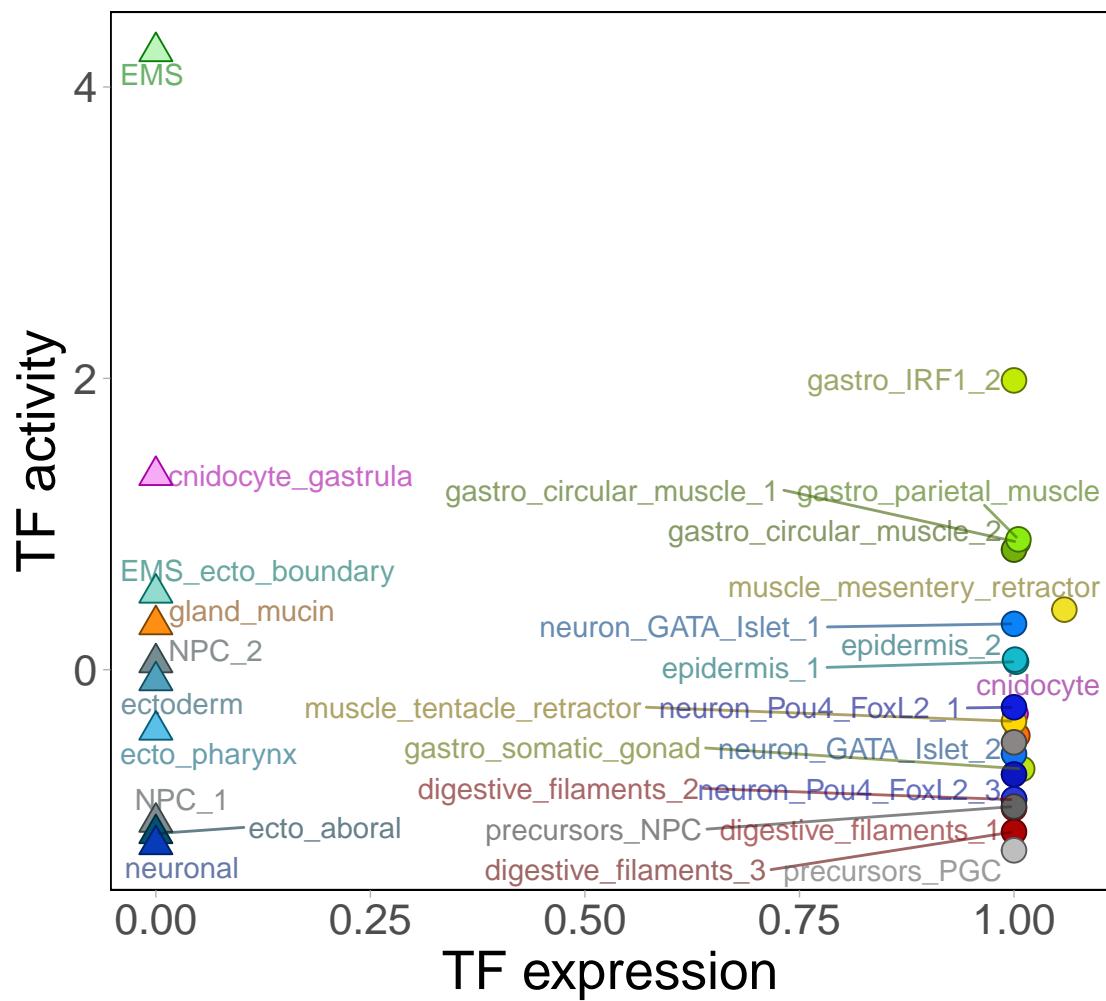
Nvec_vc1.1_XM_032363417.2
OG: zf-C2H2.HG3.2:ZBTB17
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 160
gene expression correlation: 0.5641
gene score correlation: 0.4490



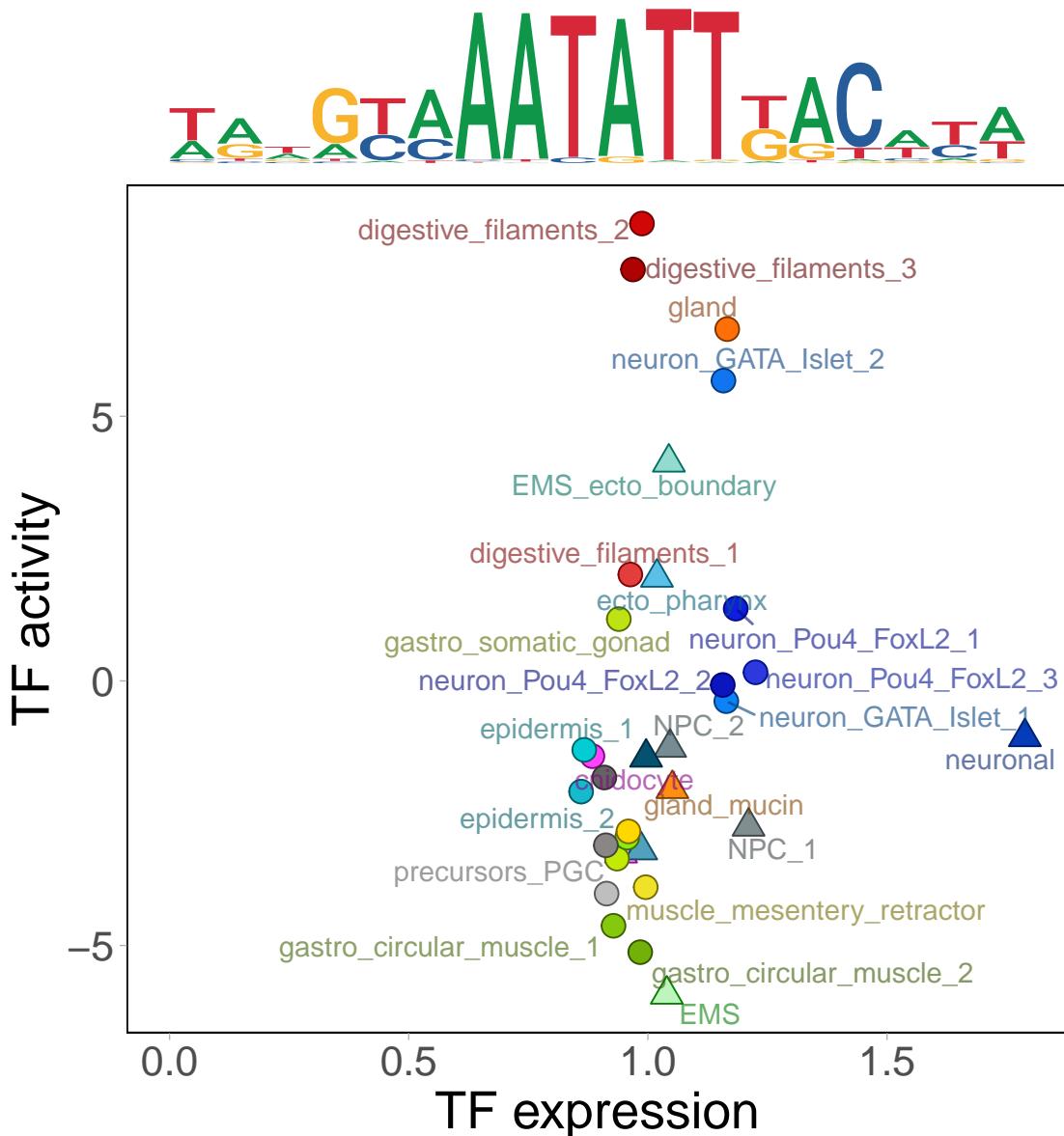
Nvec_vc1.1_XM_032363603.2
OG: T-box.HG1.13:TBX1/TBX10/TBX1
PFAM: T-box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T-box
archetype family: T-box
CisBP assigned: TRUE
rank: 88
gene expression correlation: 0.3247
gene score correlation: 0.8213



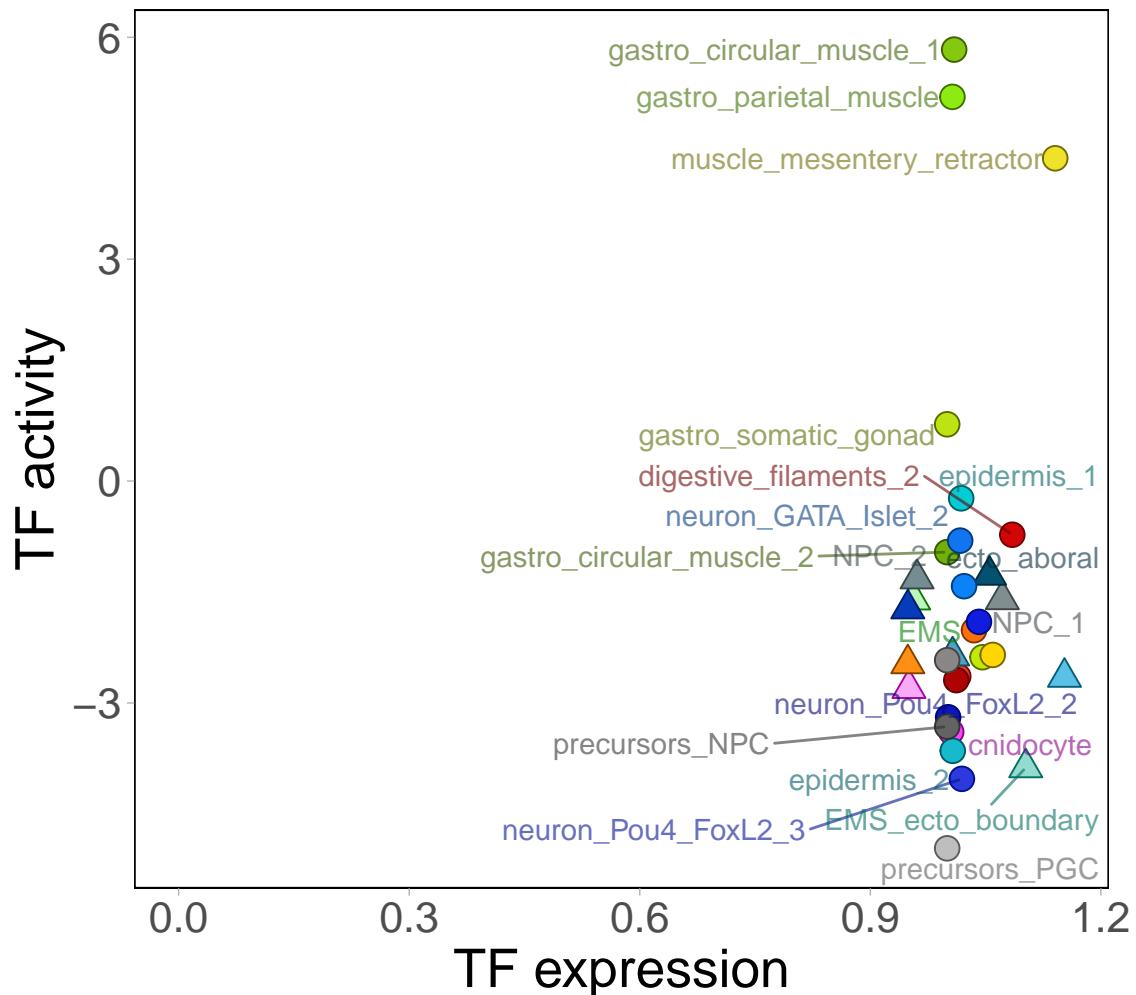
Nvec_vc1.1_XM_032363733.2
OG: zf-C2H2.HG1.62:ZBTB11
PFAM: zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2_1
motif: ARCH451_ZNF415
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 300
gene expression correlation: -0.1918
gene score correlation: 0.2521



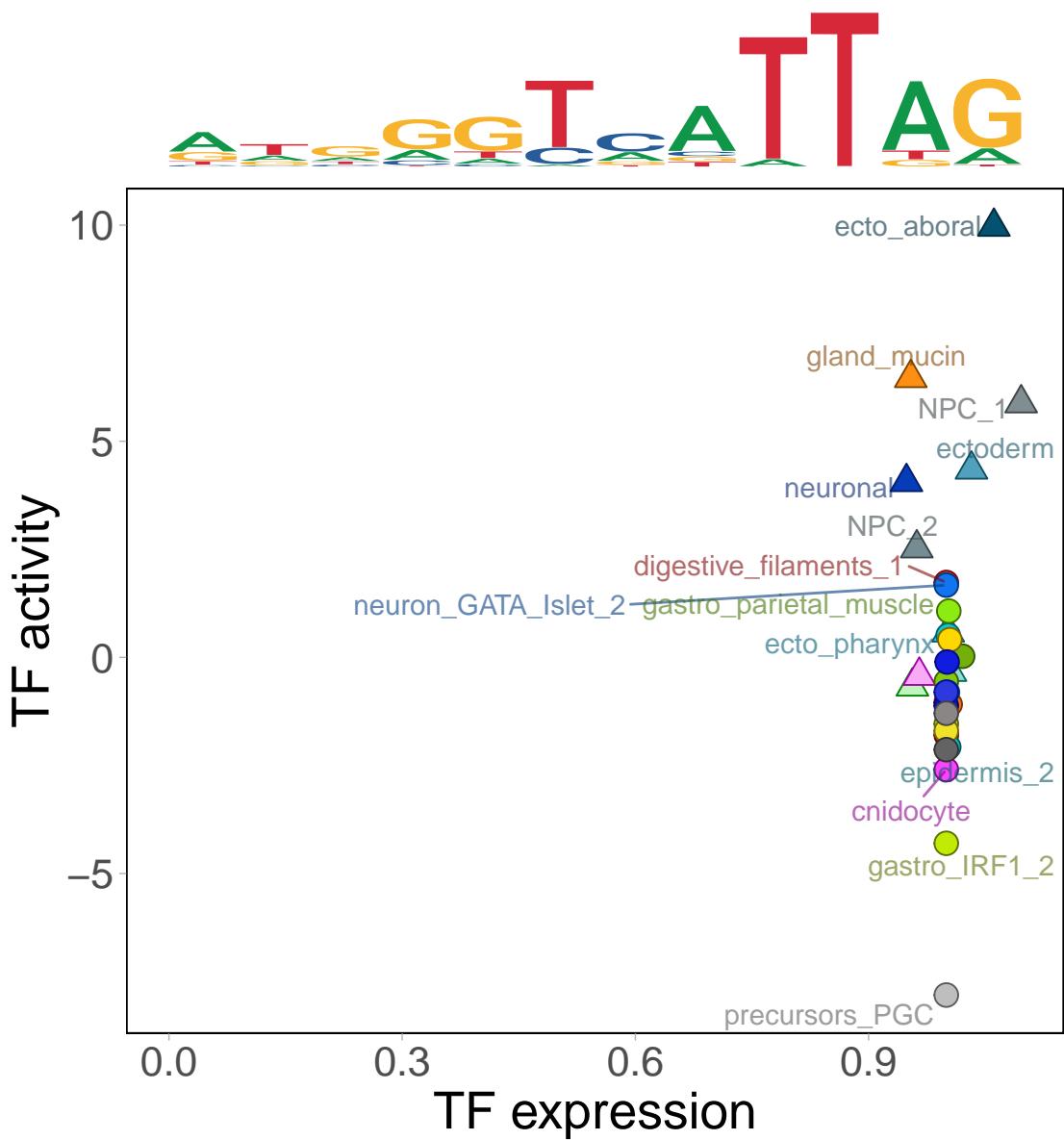
Nvec_vc1.1_XM_032363859.2
OG: Forkhead.HG1.32:FOXP2
PFAM: FOXP-CC/Forkhead
motif: ARCH1004_Foxa3/Foxa1/Foxa2_
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.1674
gene score correlation: 0.4599



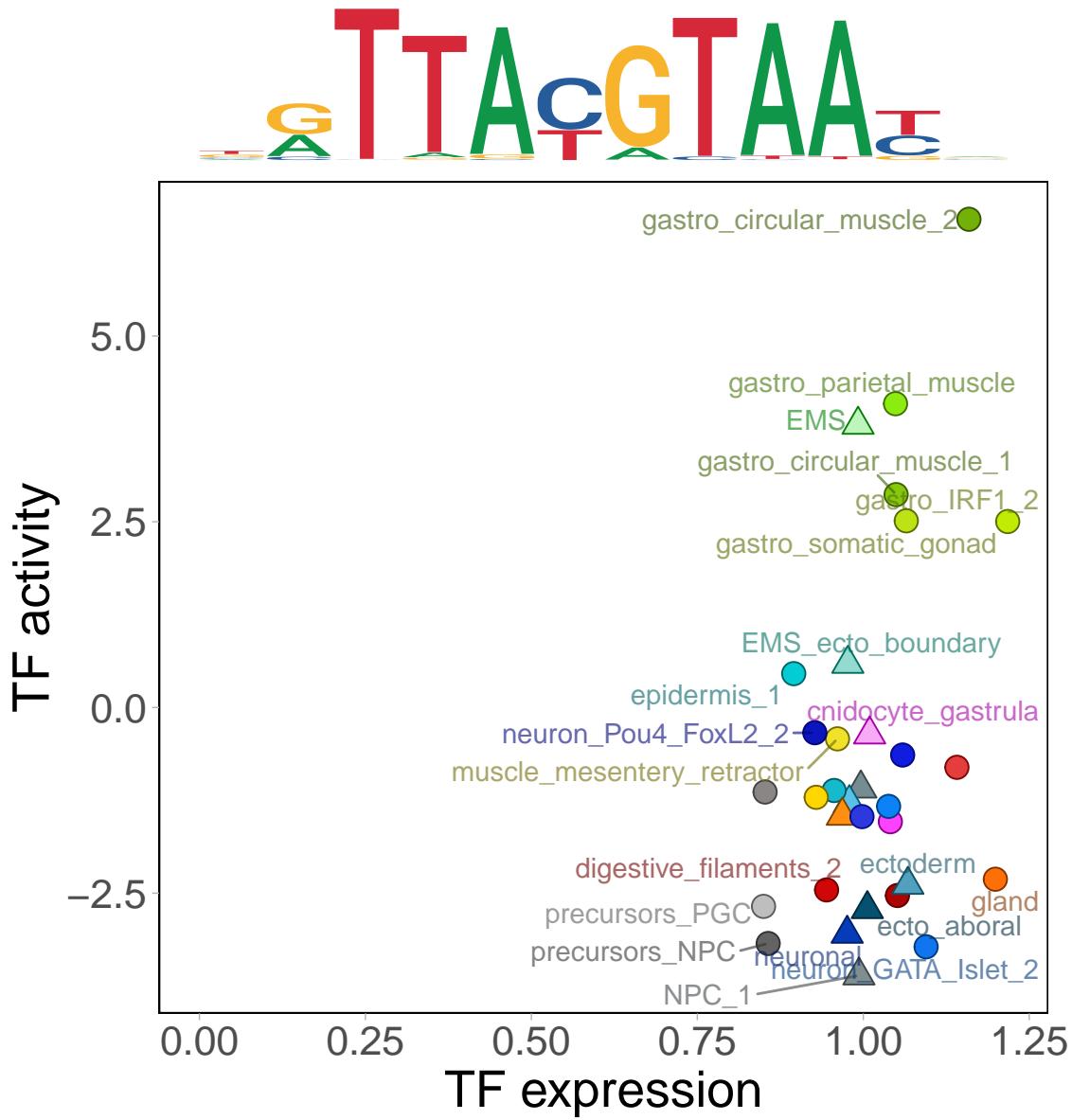
Nvec_vc1.1_XM_032363874.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH1544_Nkx2–2/Nkx2–9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1383
gene score correlation: 0.3344



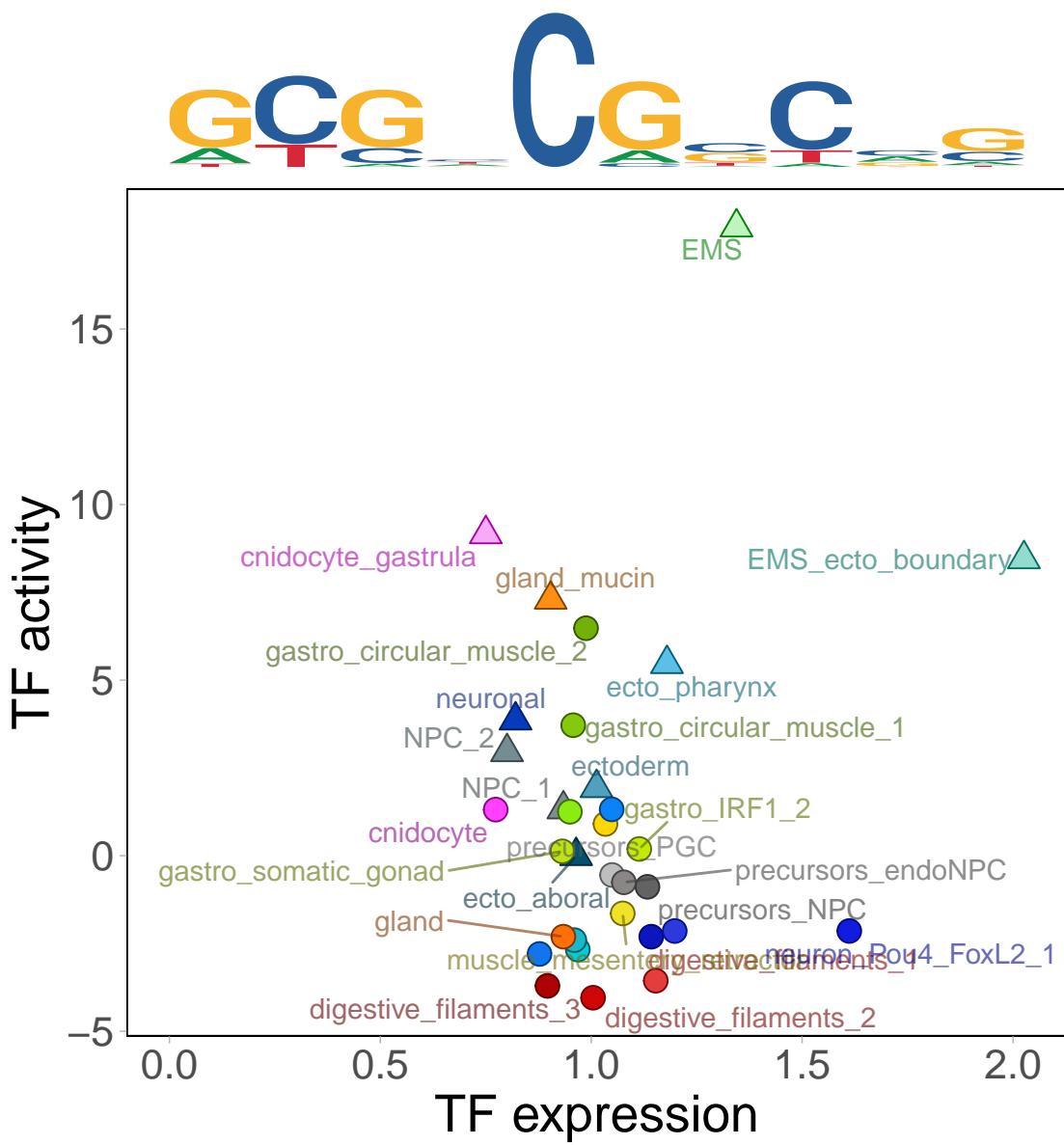
Nvec_vc1.1_XM_032363920.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.2654
gene score correlation: 0.6362



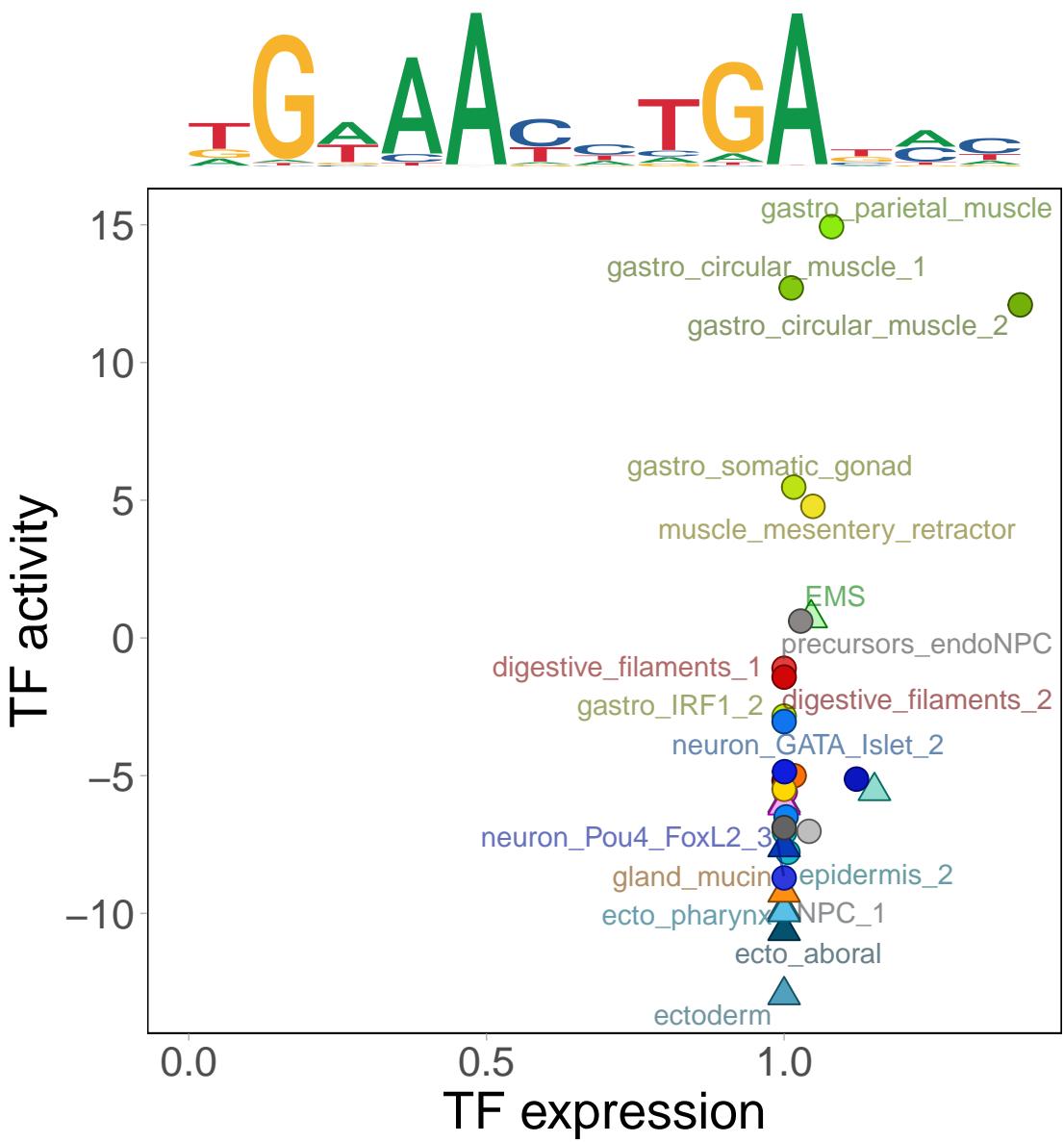
Nvec_vc1.1_XM_032363985.2
OG: bZIP.HG2.6:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: M02849_2.00
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.3442
gene score correlation: 0.0139



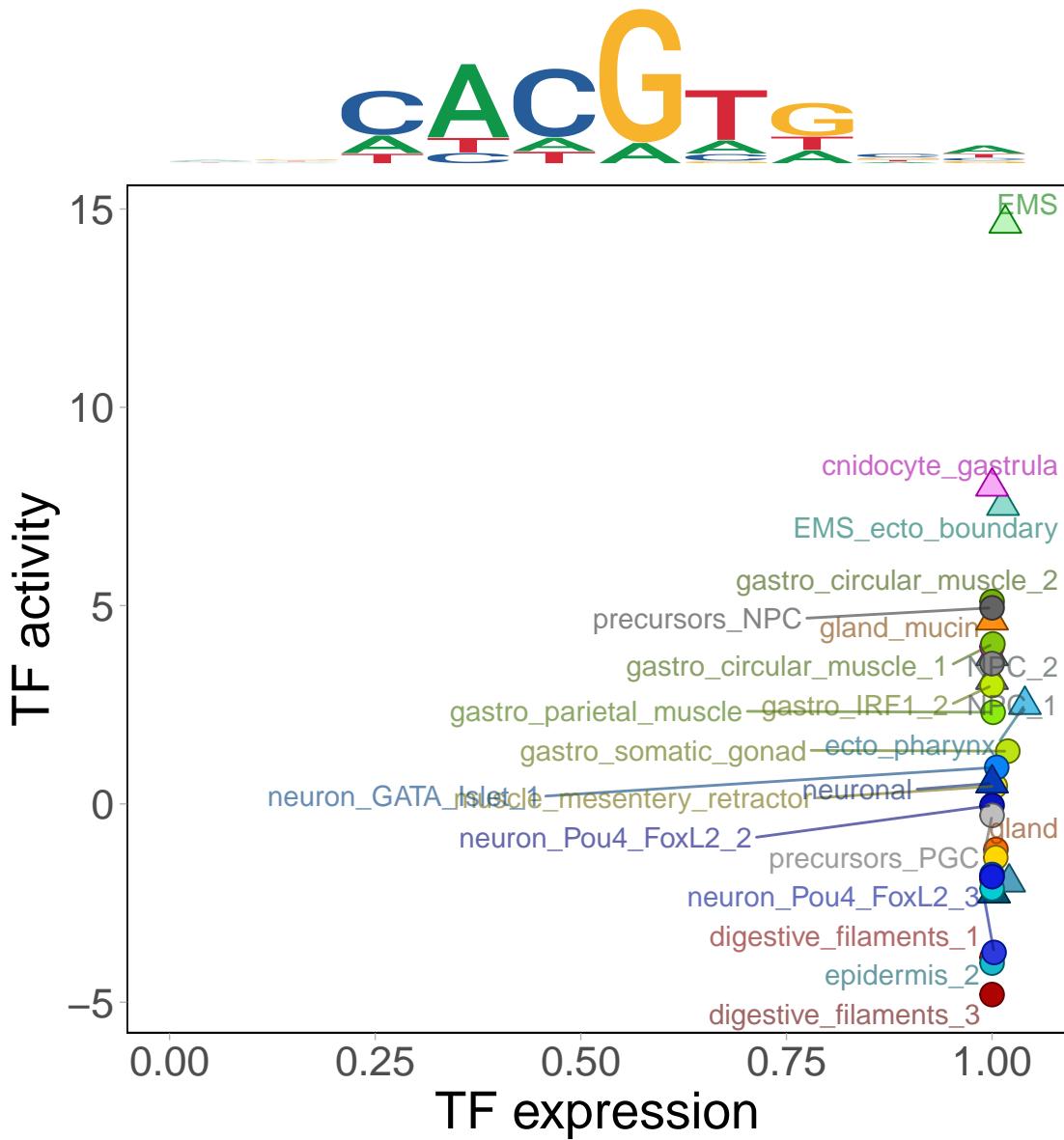
Nvec_vc1.1_XM_032364001.2
OG: SMAD_MH1.HG1.6:SMAD1/SMAD
PFAM: MH1/MH2
motif: M06446_2.00
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.1957
gene score correlation: 0.1260



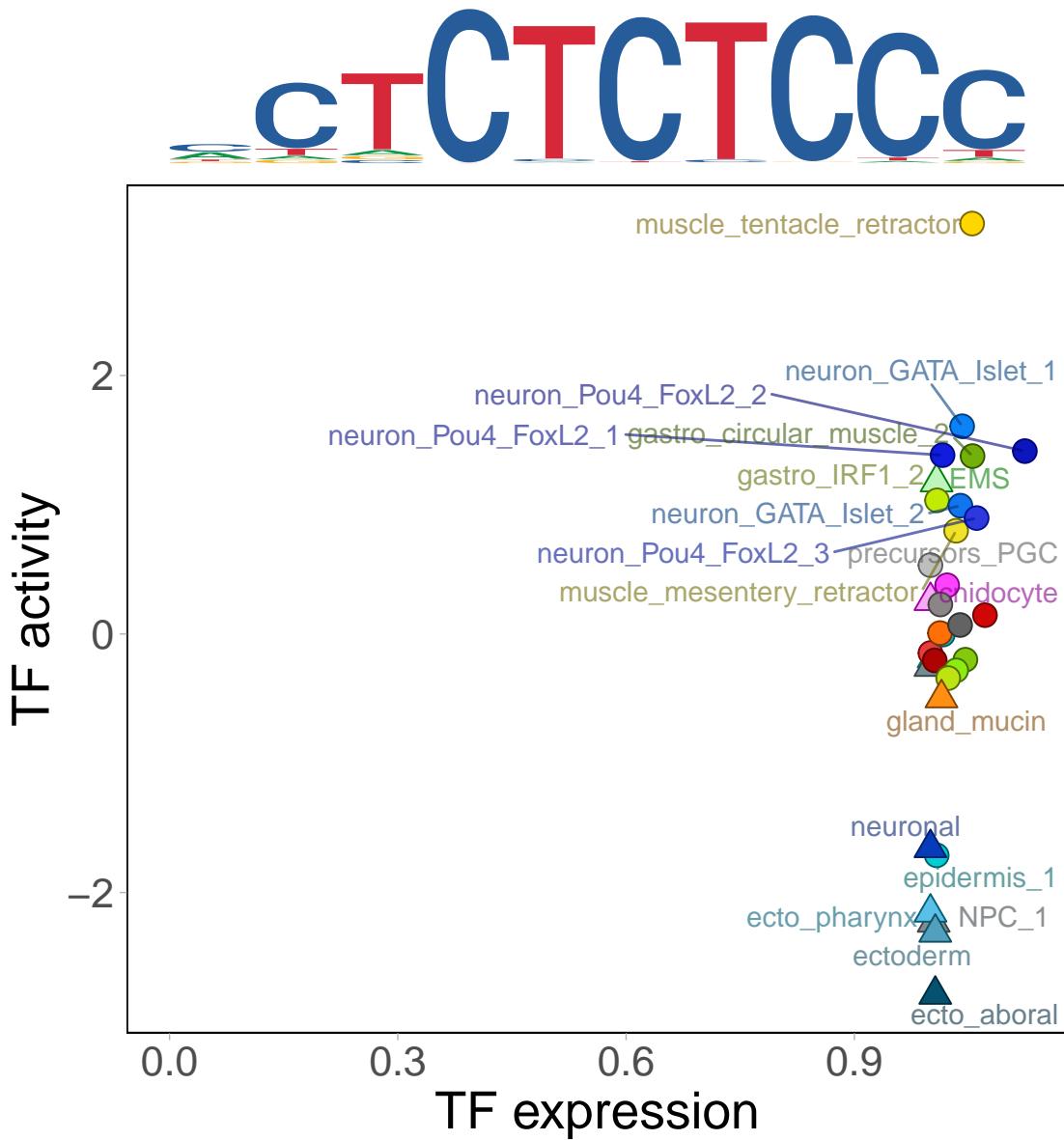
Nvec_vc1.1_XM_032364121.2
OG: Homeodomains.HG1.39:BARHL1/B
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.4925
gene score correlation: 0.5556



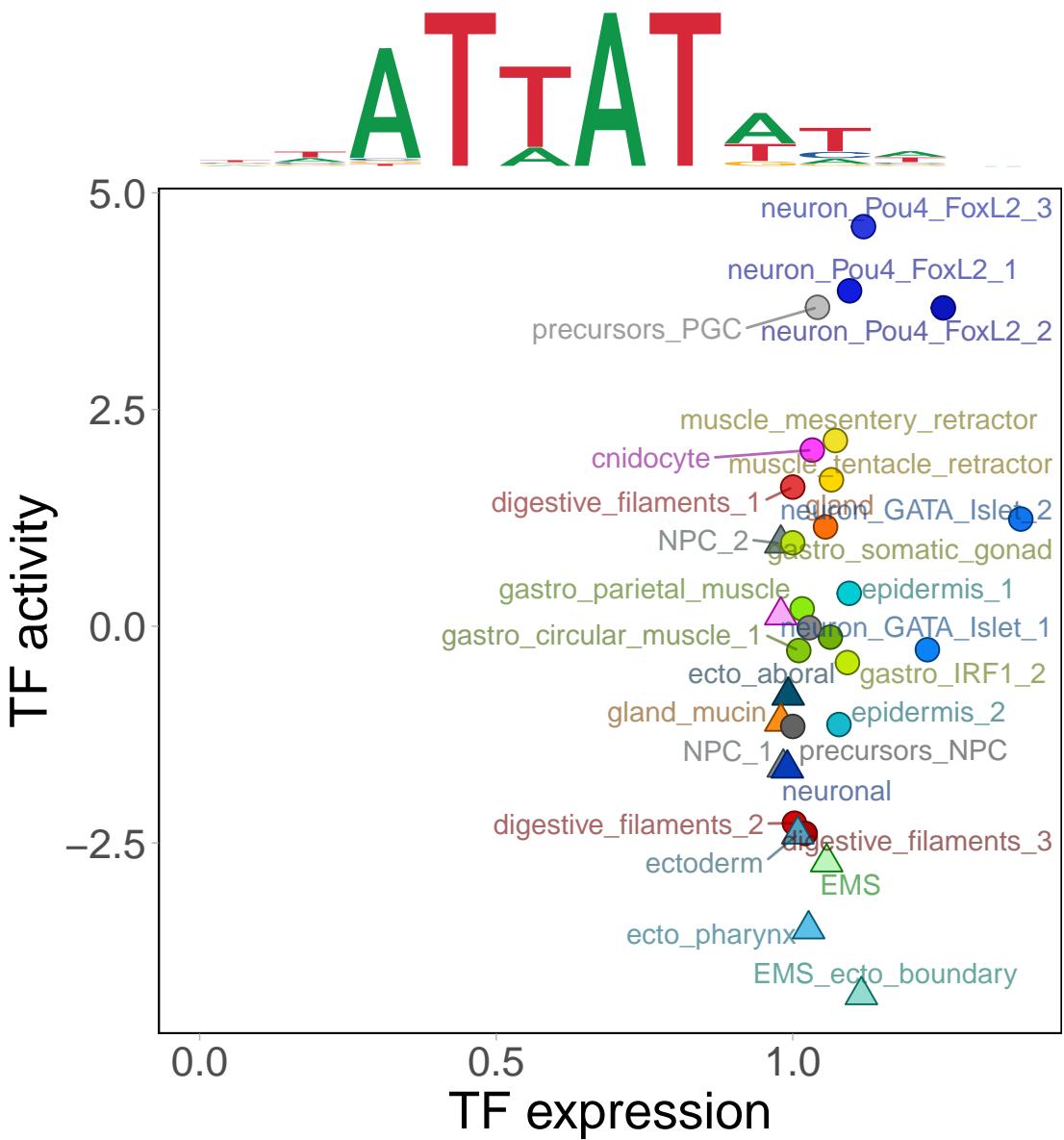
Nvec_vc1.1_XM_032364139.2
OG: HLH.HG1.8:CCDC169–SOHLH2/S
PFAM: HLH
motif: M04097_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2016
gene score correlation: -0.1698



Nvec_vc1.1_XM_032364195.2
OG: zf-C2H2.HG3.22:like:HINFP/HIVE1
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH497_M03679_2.00
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 836
gene expression correlation: 0.5154
gene score correlation: 0.0751



Nvec_vc1.1_XM_032364225.2
OG: HMGbox_Sox.HG1.64:like:HMG20
PFAM: HMG_box
motif: M02487_2.00
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.3052
gene score correlation: 0.0506



Nvec_vc1.1_XM_032364281.2

OG: Myb.HG1.23:TERB1/TERF2

PFAM: Myb_DNA-binding

motif: ARCH1391_MYB113

TF family: Myb

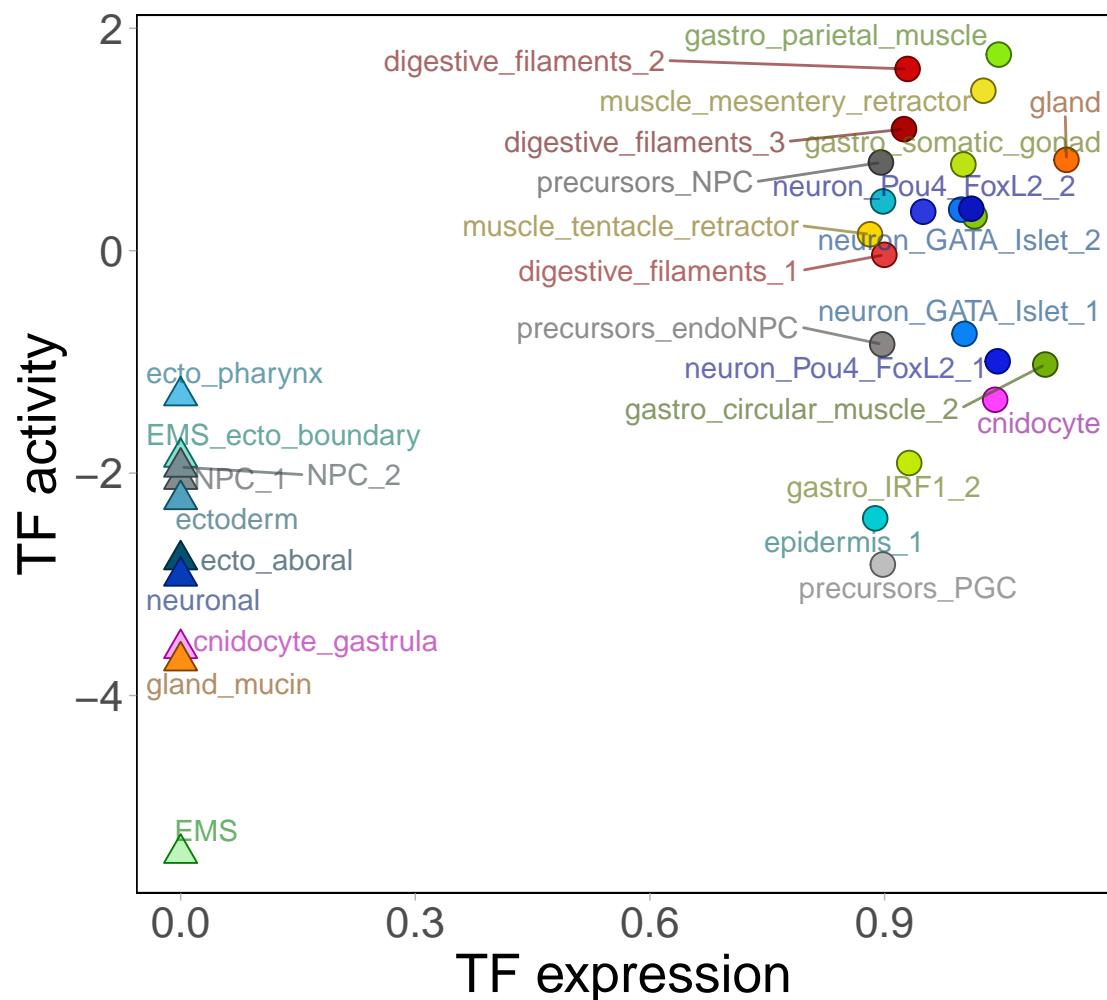
archetype family: Myb

CisBP assigned: FALSE

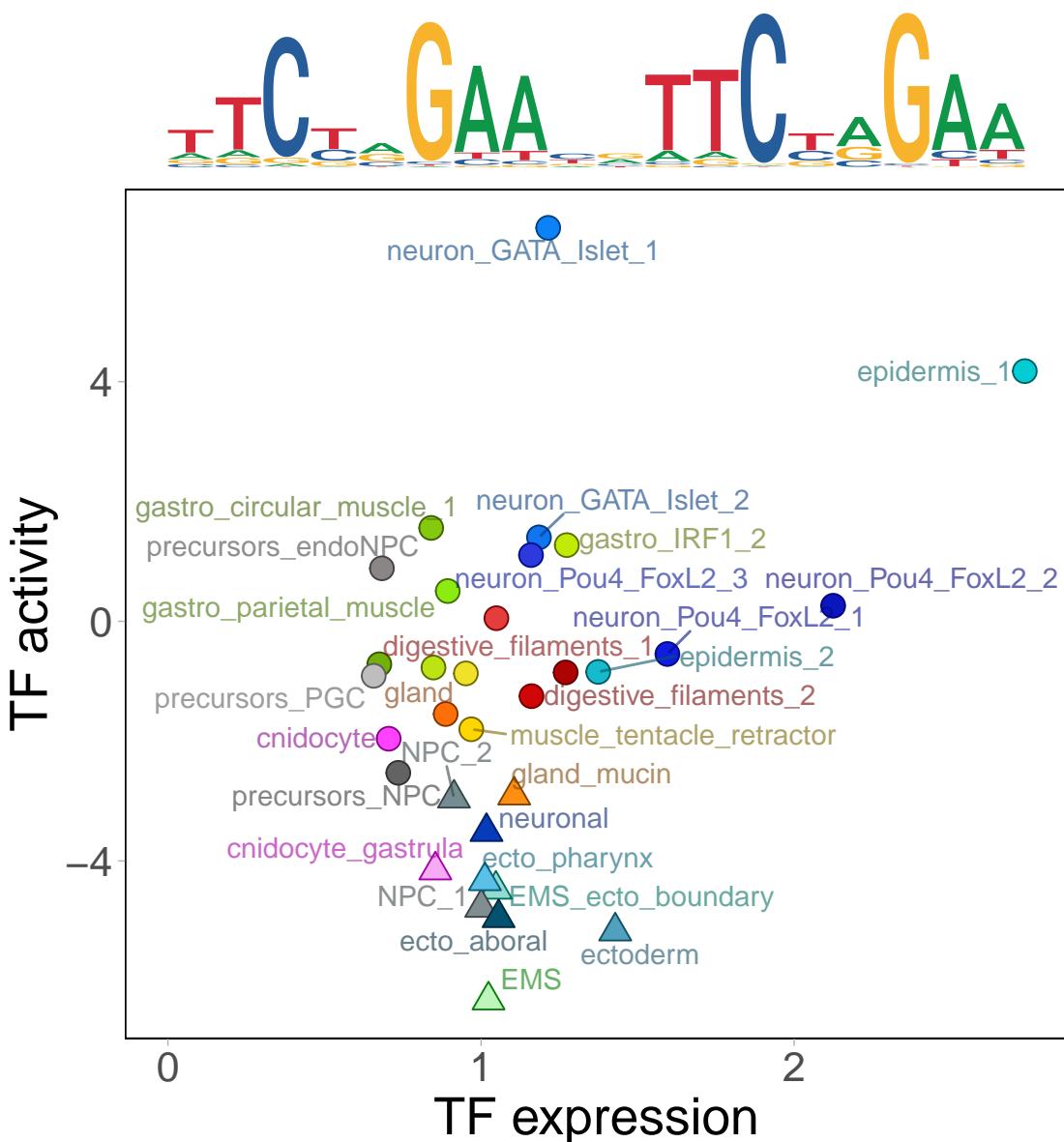
rank: 107

gene expression correlation: 0.7273

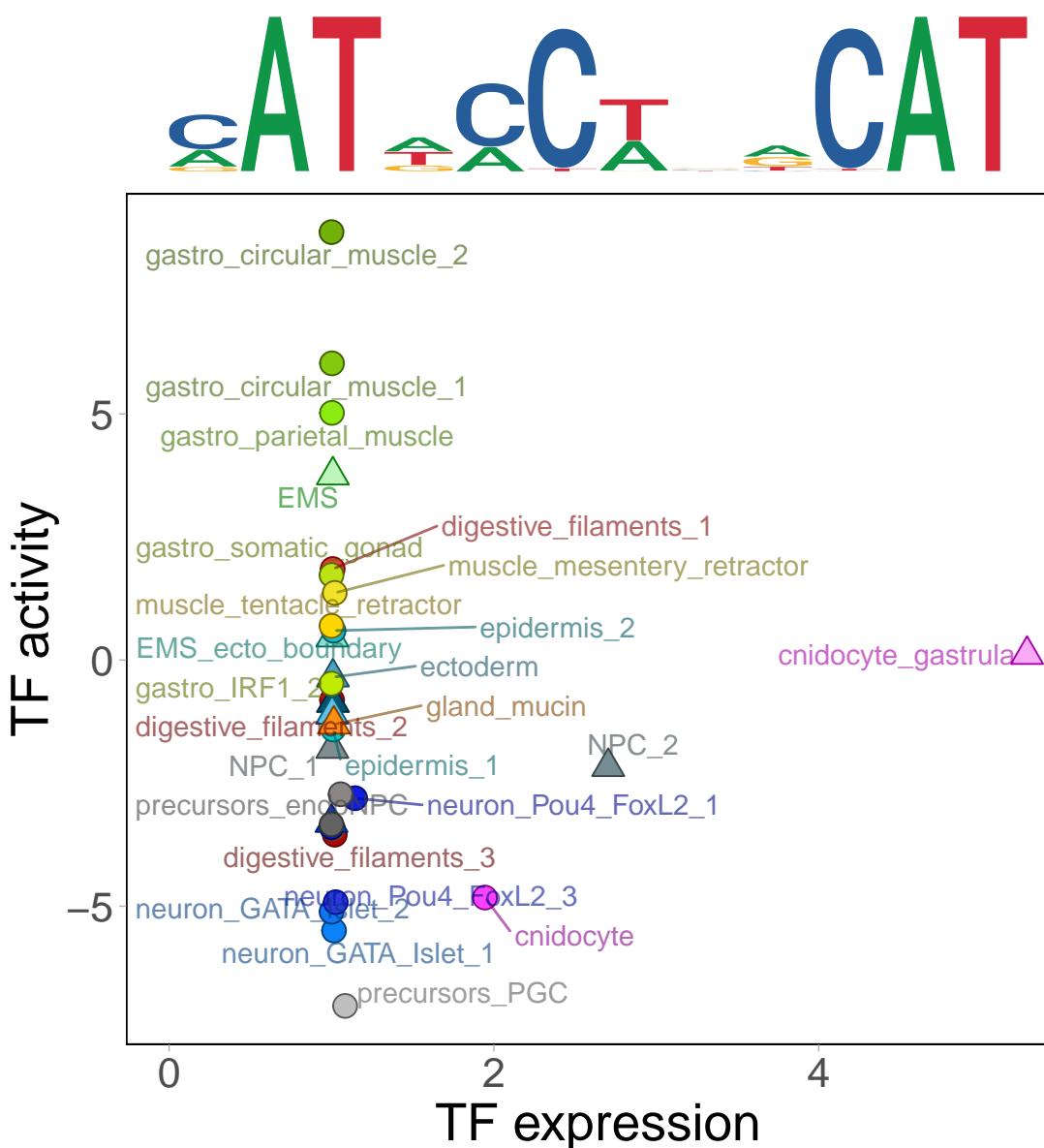
gene score correlation: 0.7147



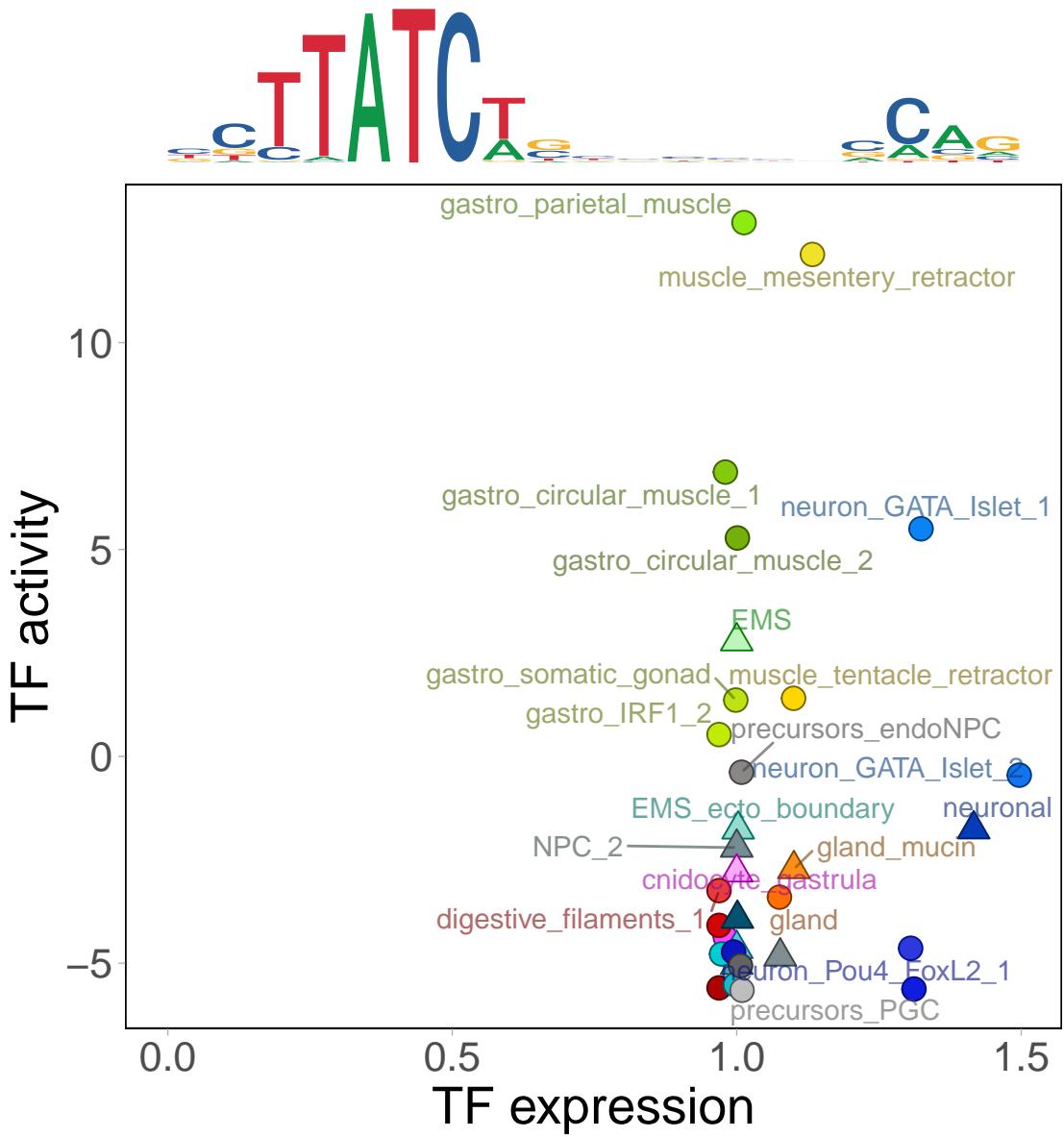
Nvec_vc1.1_XM_032364329.2
OG: HSF.HG1.5:HSF1/HSF2/HSF4
PFAM: HSF_DNA-bind/Vert_HS_TF
motif: ARCH737_Hsf1/Hsf2/Hsf4/Hsf3
TF family: HSF
archetype family: HSF
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.3370
gene score correlation: 0.4900



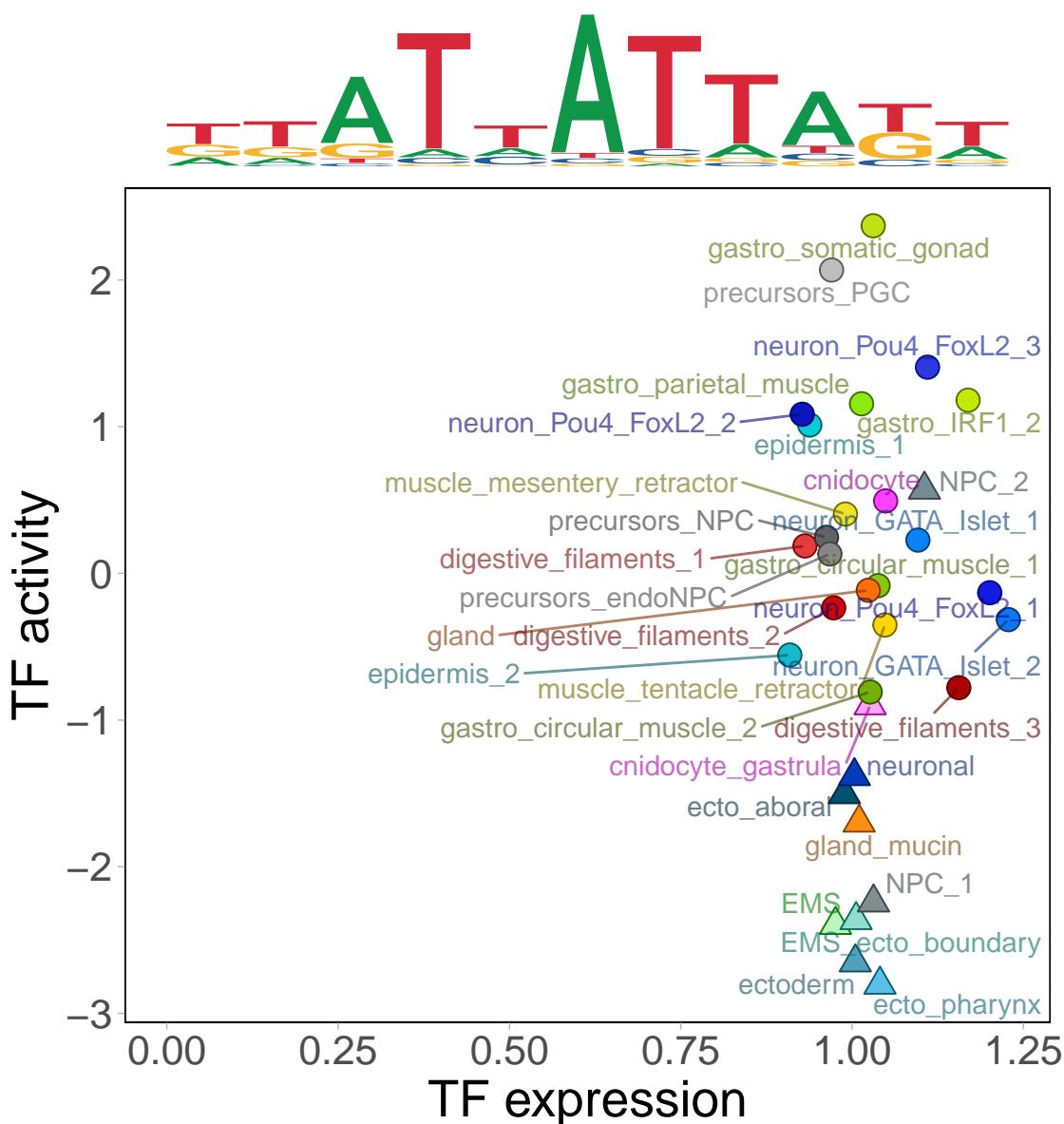
Nvec_vc1.1_XM_032364331.2
OG: TEA.HG1.0:TEAD1/TEAD2/TEAD3
PFAM: TEA
motif: Nvec_vc1.1_XM_032364331.2_T
TF family: TEA
archetype family: TEA
CisBP assigned: TRUE
rank: 0
gene expression correlation: -0.0261
gene score correlation: -0.1895



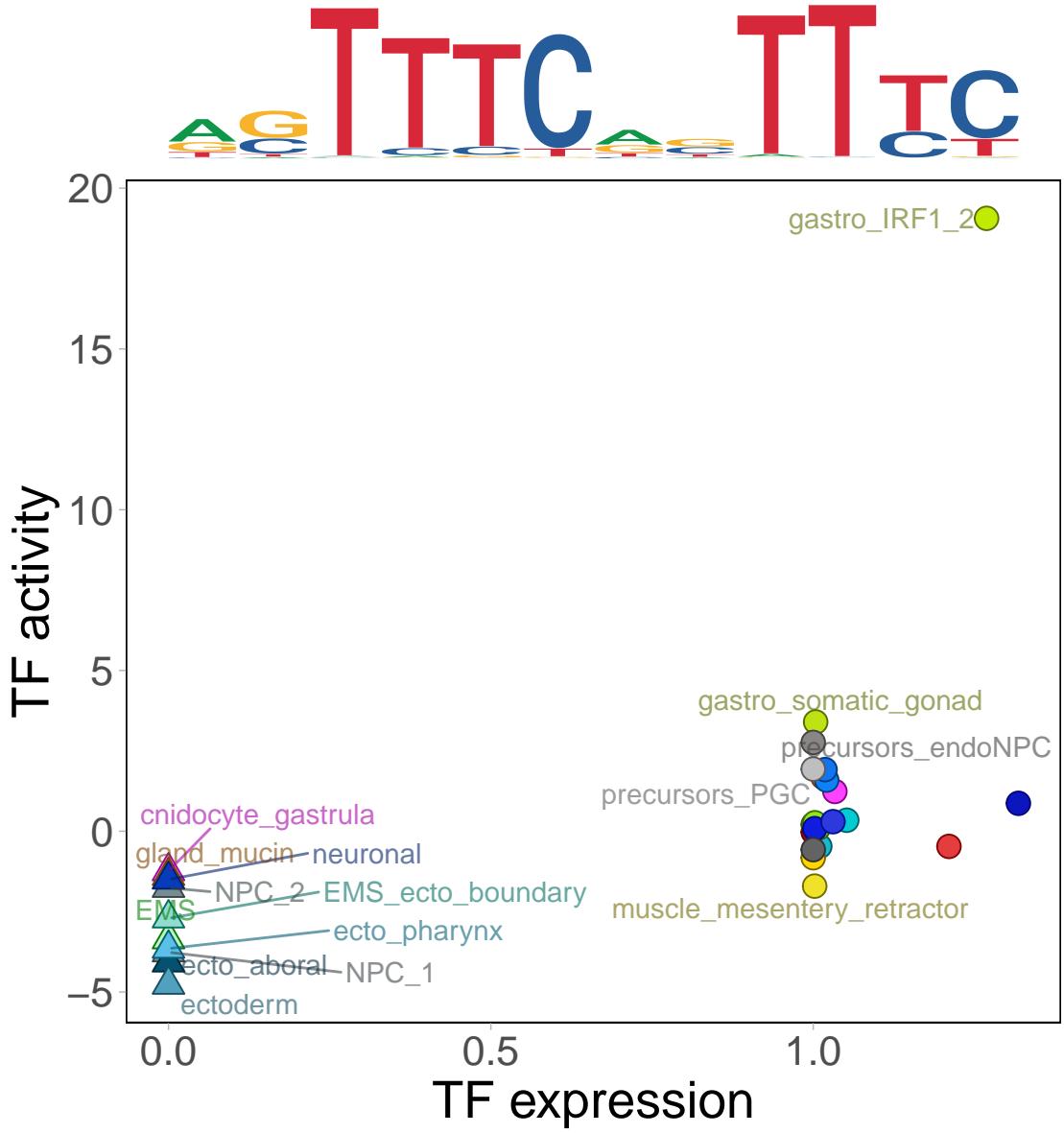
Nvec_vc1.1_XM_032364348.2
OG: HLH.HG1.34:like:ASCL1/ASCL2/AS
PFAM: HLH
motif: M08734_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0778
gene score correlation: 0.6468



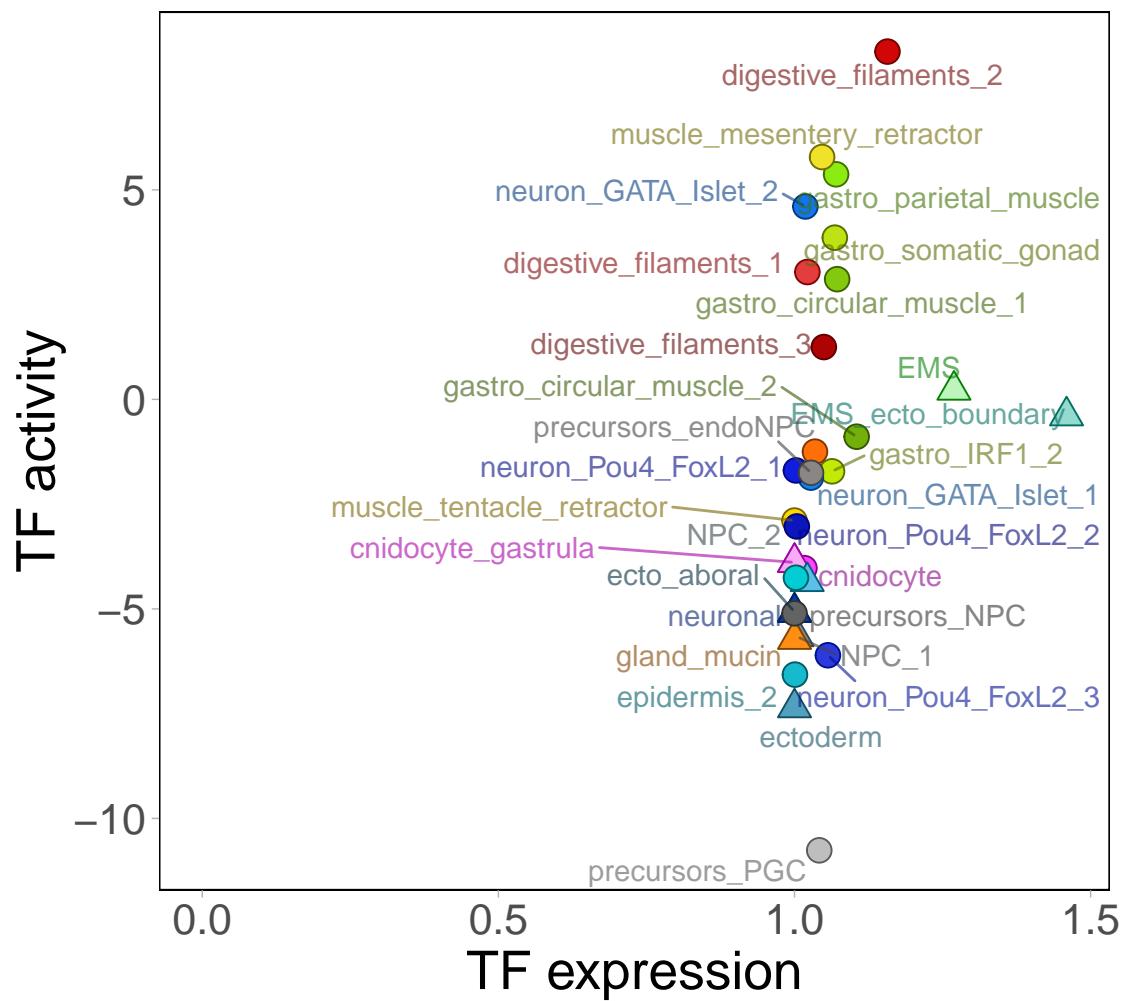
Nvec_vc1.1_XM_032364359.2
OG: HMGbox_Sox.HG1.40:TOX/TOX2/
PFAM: HMG_box
motif: ARCH21_Mael_Tox3/Tox/Tox2/Tox
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 656
gene expression correlation: 0.0581
gene score correlation: 0.2502



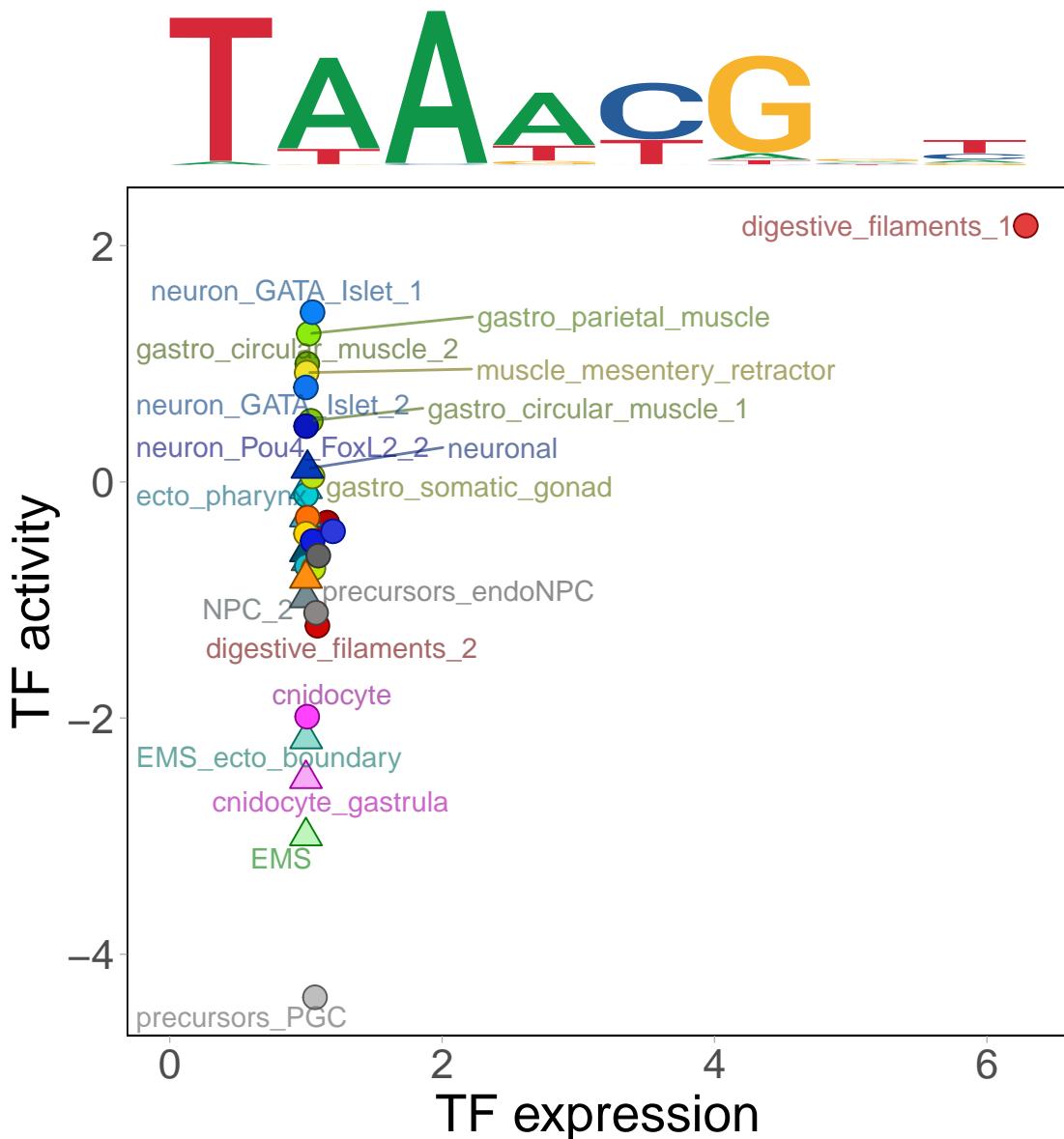
Nvec_vc1.1_XM_032364373.2
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5
PFAM: IRF
motif: ARCH591_ISRE__IRF3__IRF8
TF family: IRF
archetype family: IRF
CisBP assigned: FALSE
rank: 67
gene expression correlation: 0.5612
gene score correlation: 0.2530



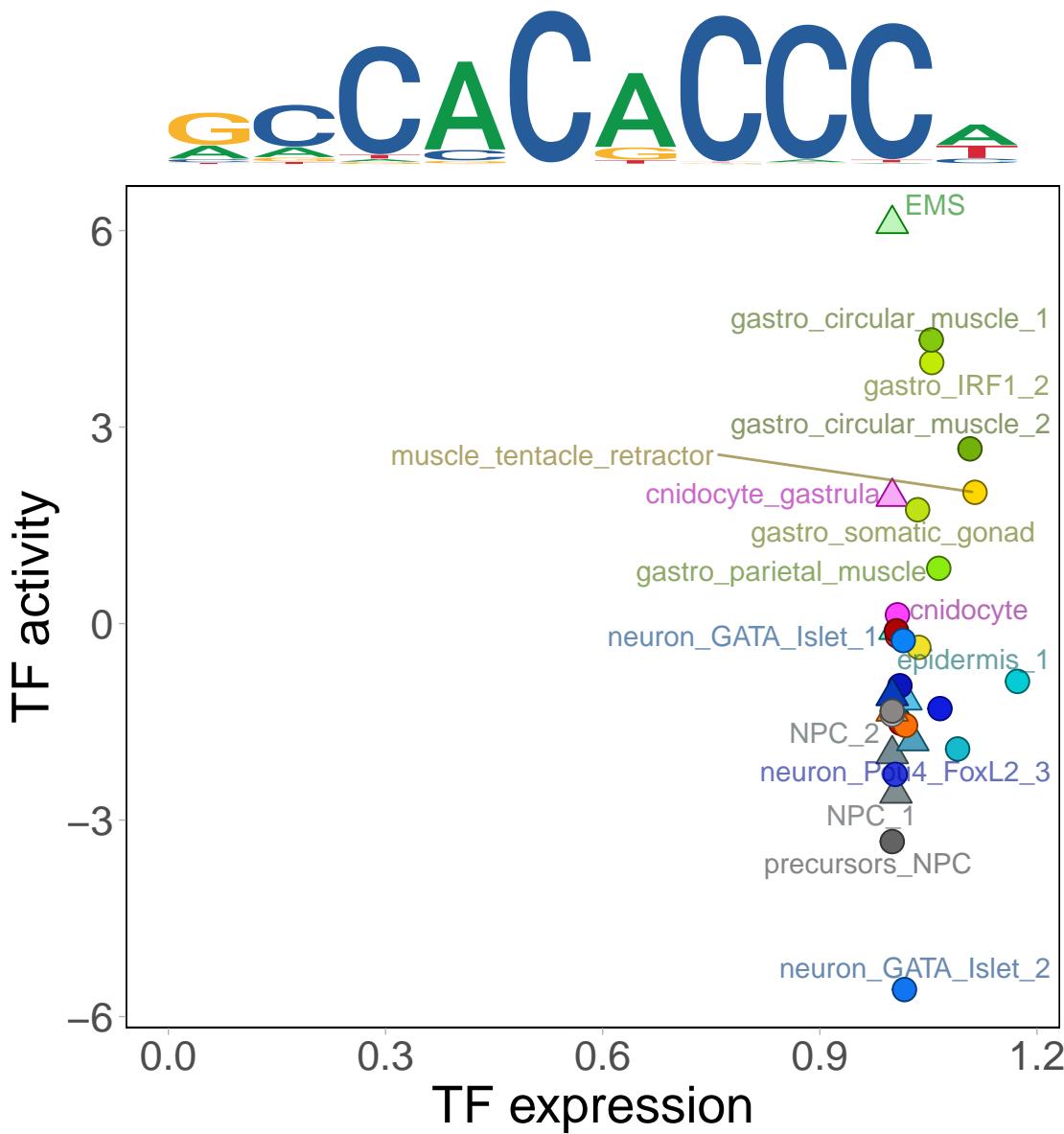
Nvec_vc1.1_XM_032364561.2
OG: Homeodomains.HG2.0:HNF1A/HN
PFAM: HNF-1_N/Homeodomain
motif: ARCH1503_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 103
gene expression correlation: 0.3286
gene score correlation: 0.2405



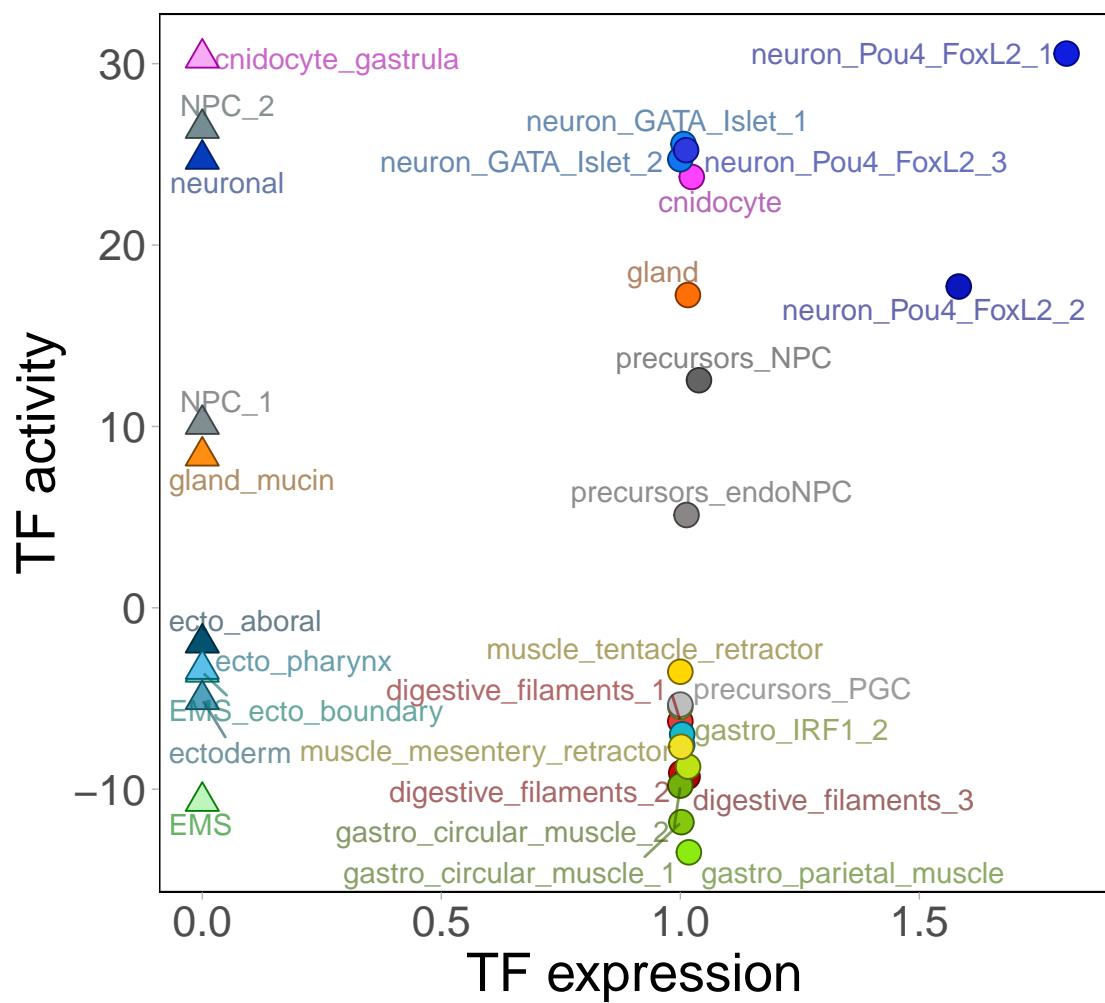
Nvec_vc1.1_XM_032364605.2
OG: Homeodomains.HG1.21:BARX1/B
PFAM: Homeodomain
motif: ARCH1336_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 8
gene expression correlation: 0.3611
gene score correlation: 0.3678



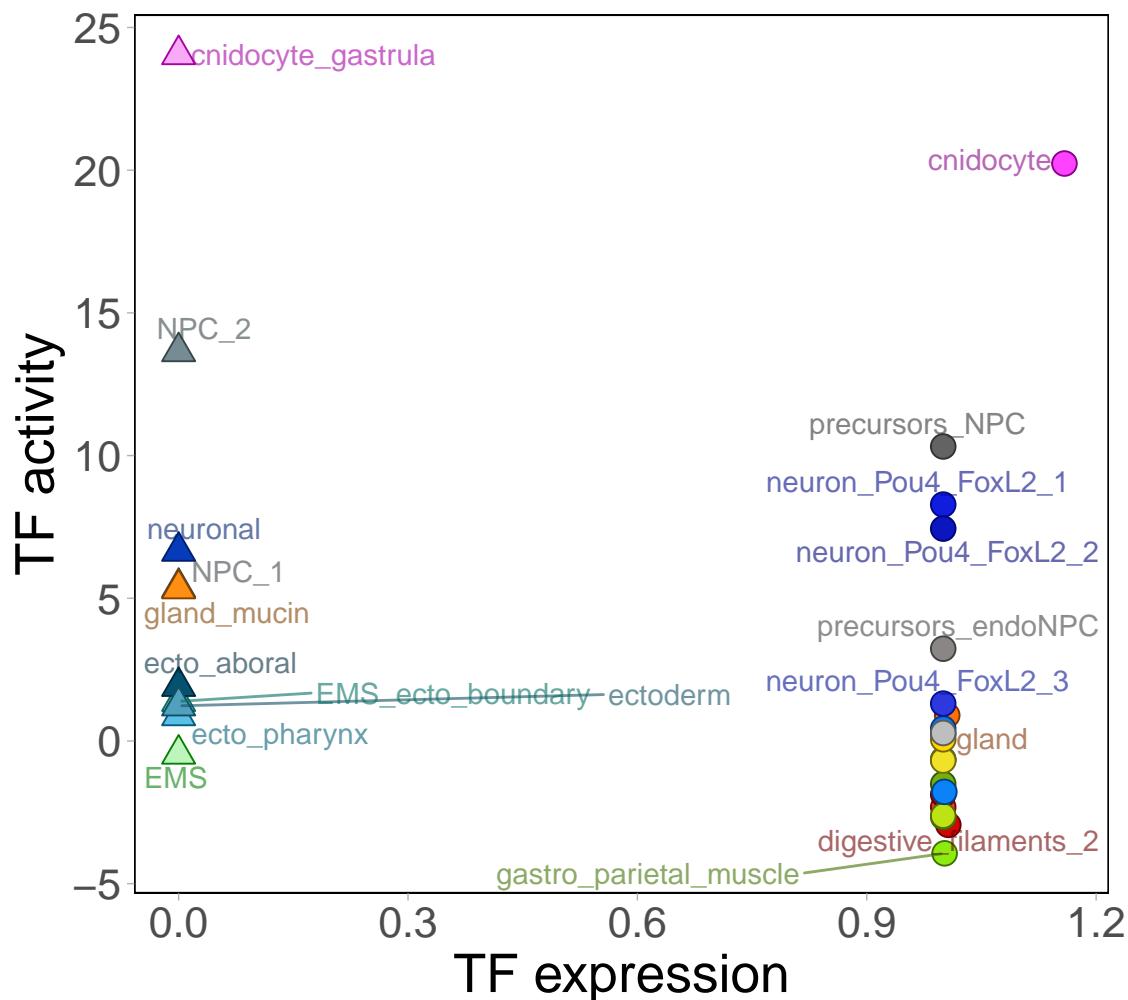
Nvec_vc1.1_XM_032364704.2
OG: zf-C2H2.HG4.1:like:GLI1/GLI2/GL
PFAM: zf-C2H2
motif: ARCH346_Klf1/Klf4/Klf2_Klf1...
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 189
gene expression correlation: 0.2368
gene score correlation: 0.1811



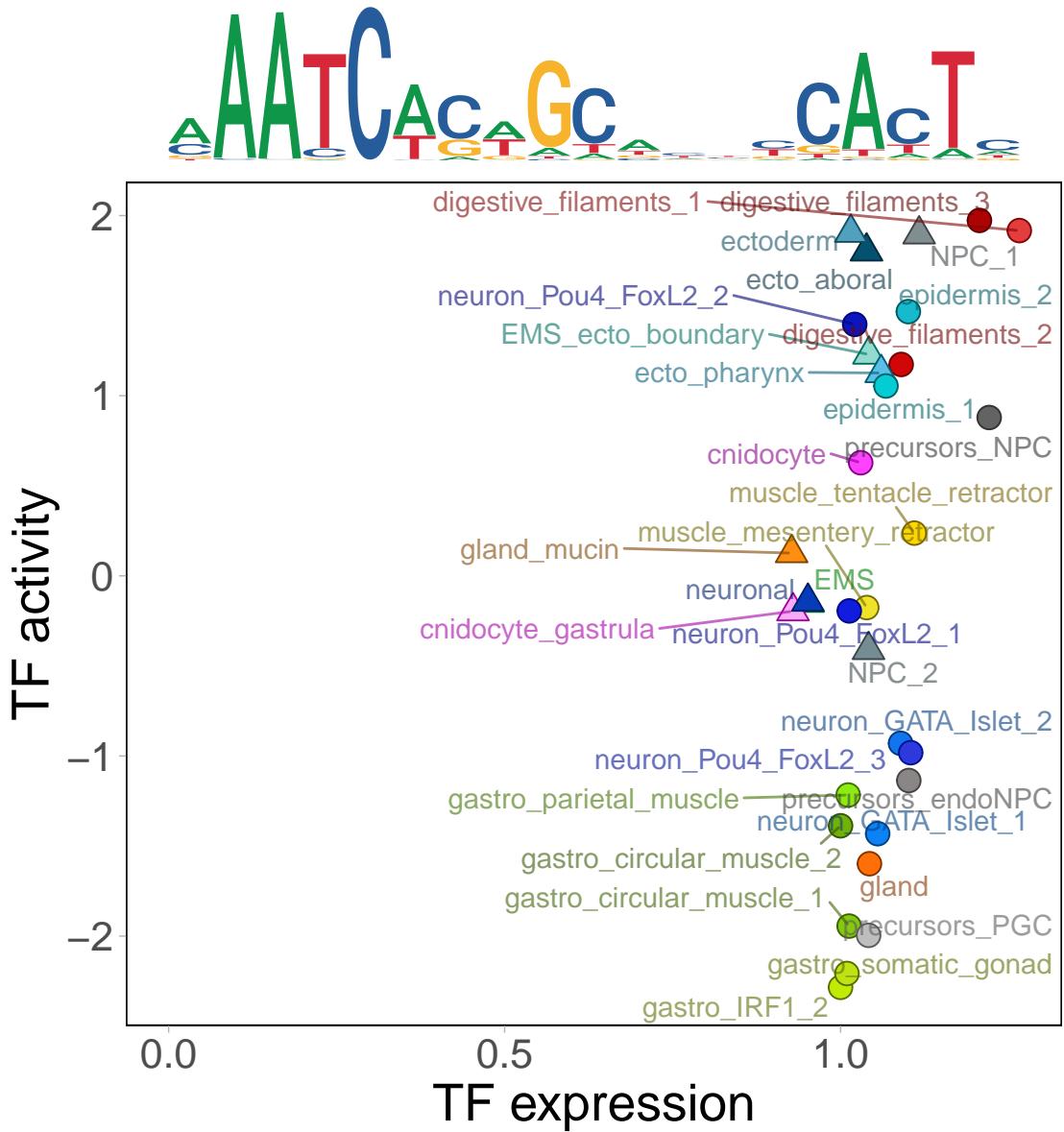
Nvec_vc1.1_XM_032364814.2
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH530_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.0047
gene score correlation: 0.5543



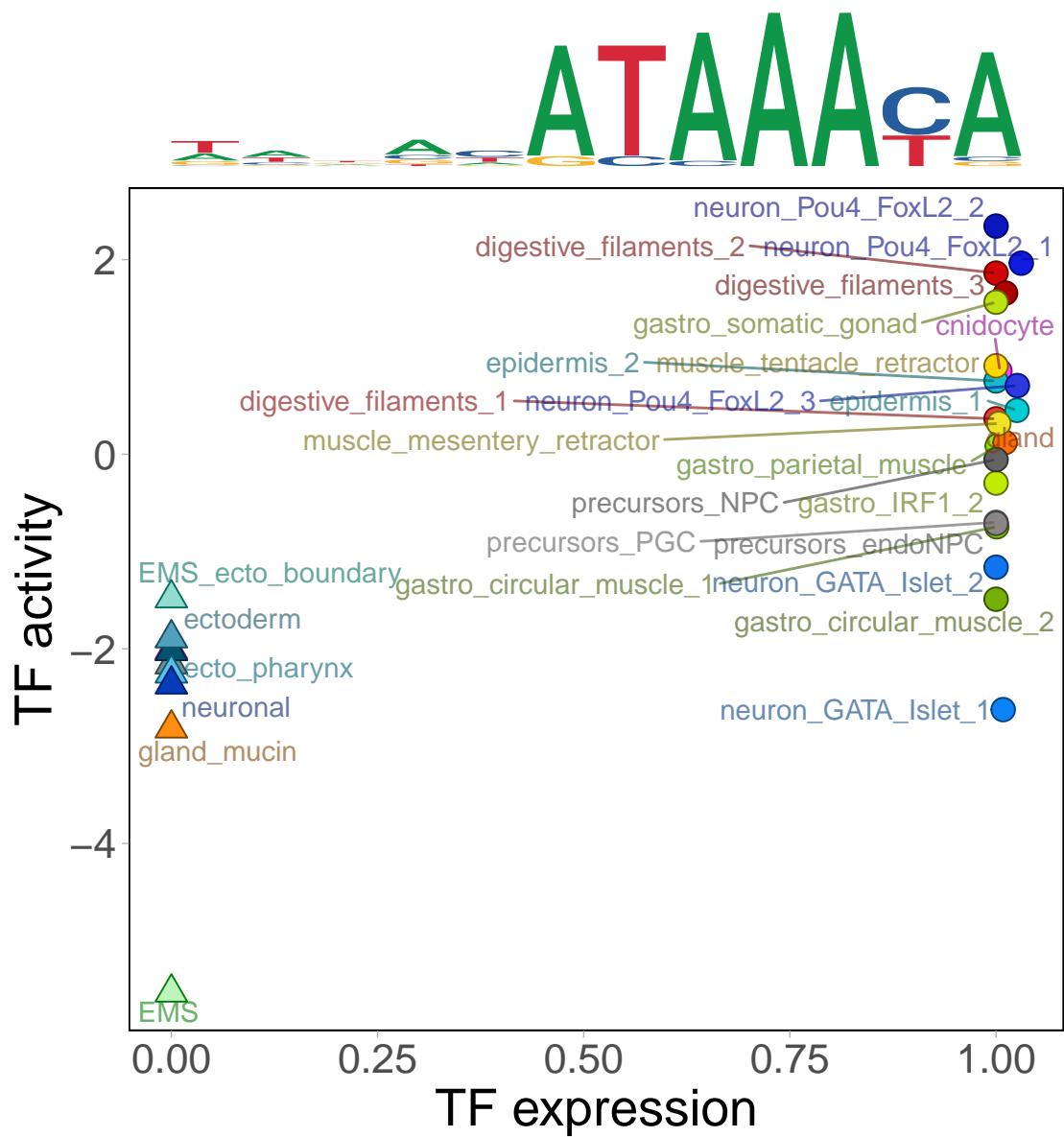
Nvec_vc1.1_XM_032364851.2
OG: zf-C2H2.HG1.32:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: -0.2998
gene score correlation: 0.6886



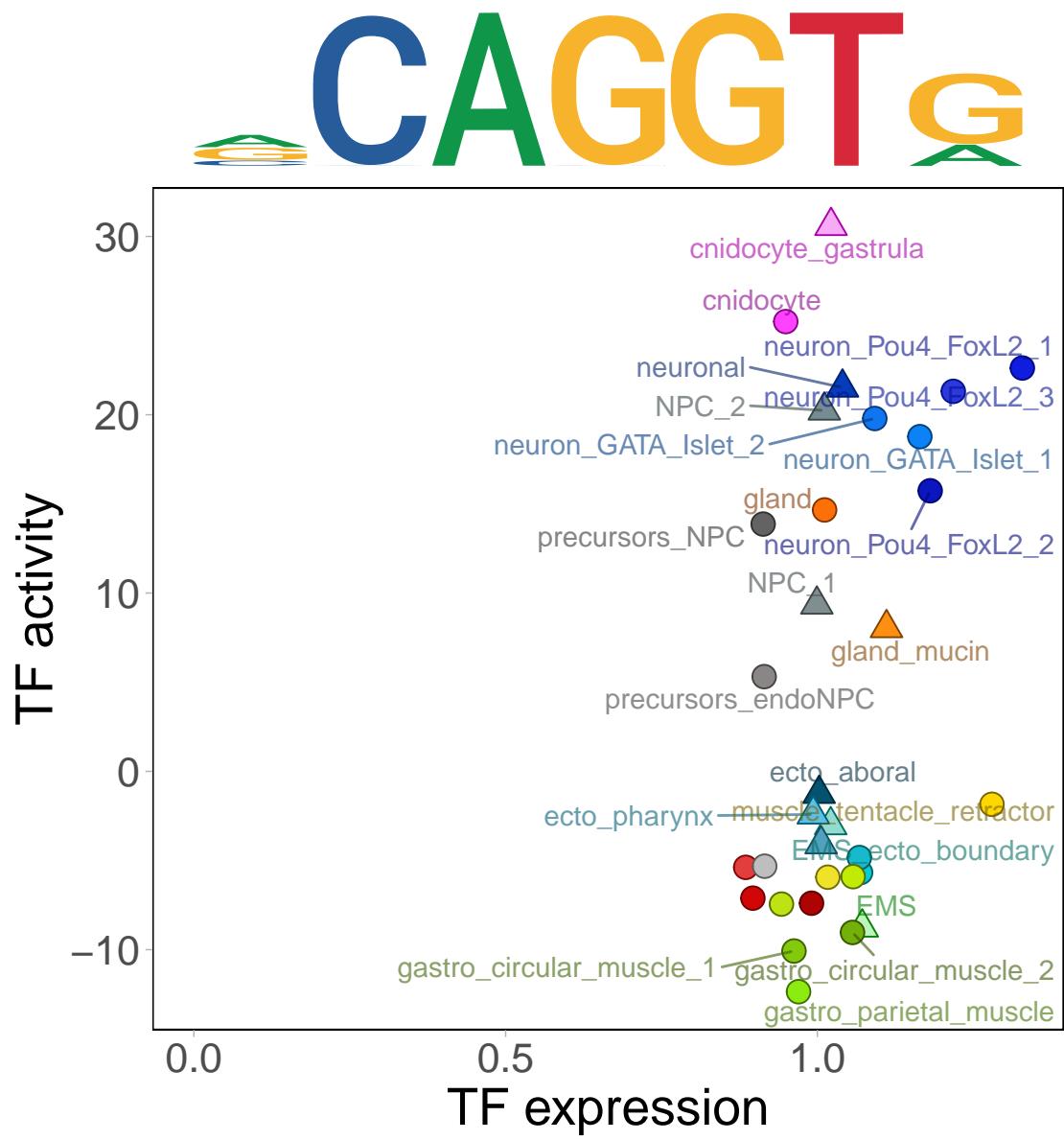
Nvec_vc1.1_XM_032364903.2
OG: zf-C2H2.HG1.57:like:AC008758.1/
PFAM: zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1169
gene expression correlation: 0.4086
gene score correlation: -0.2318



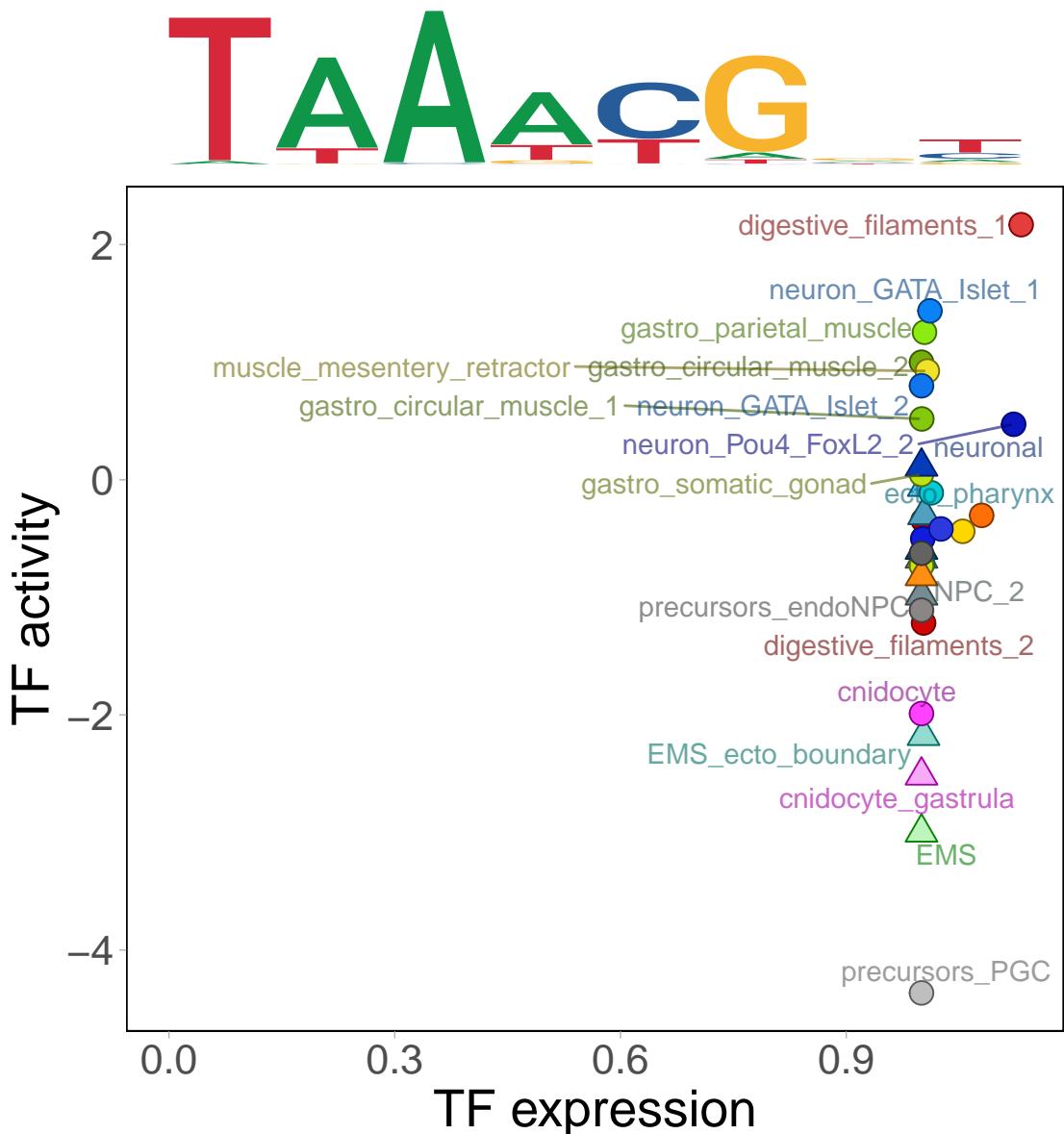
Nvec_vc1.1_XM_032365104.2
OG: Forkhead.HG1.34:like:FOXO1/FOX
PFAM: Forkhead
motif: ARCH1018_Foxc2/Foxc1_Foxd2/
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 447
gene expression correlation: 0.7400
gene score correlation: 0.1745



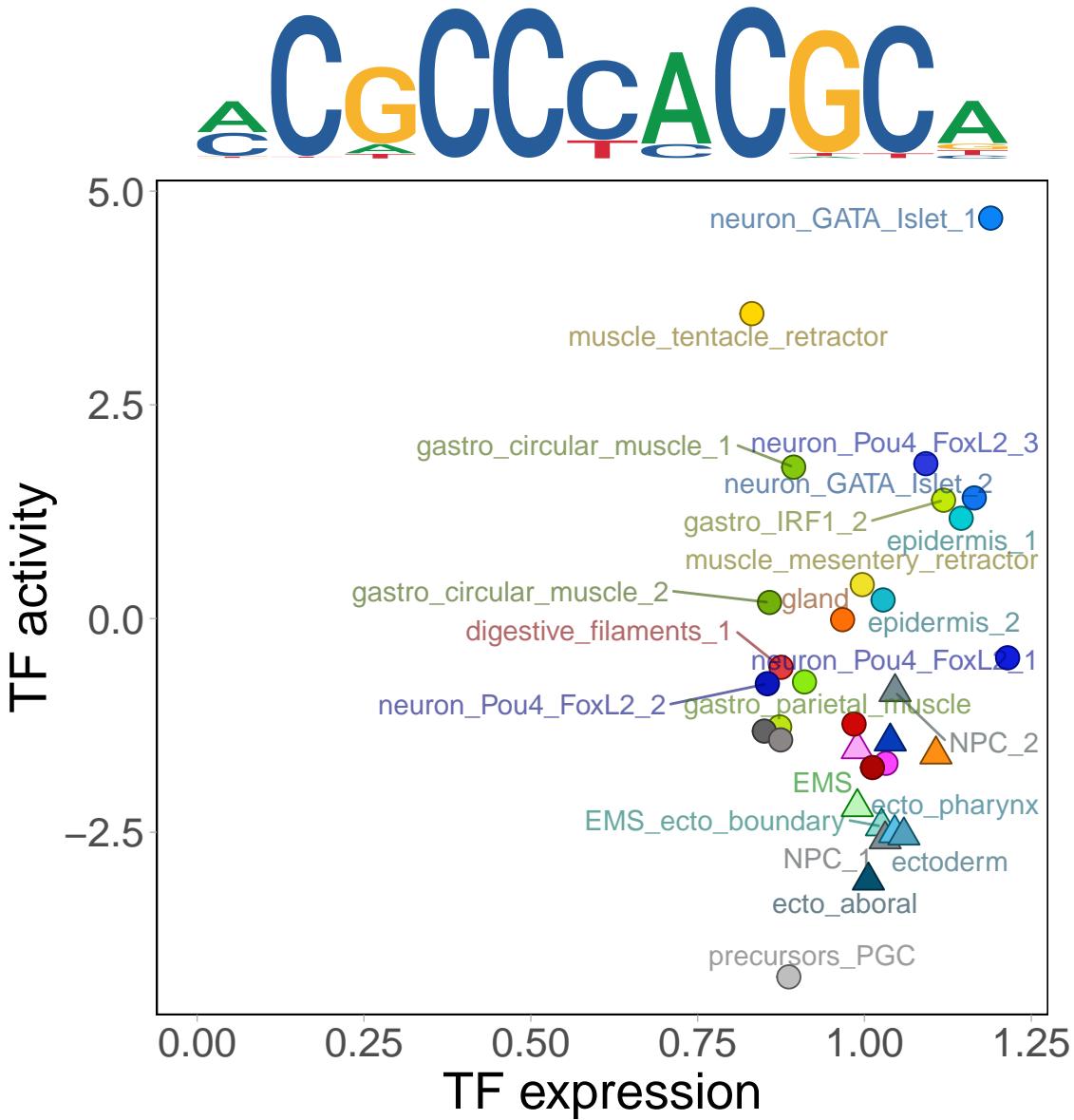
Nvec_vc1.1_XM_032365192.2
OG: HLH.HG1.0:AC019117.4/AHR/AHR
PFAM: HLH/PAS
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.3479
gene score correlation: 0.2074



Nvec_vc1.1_XM_032365212.2
OG: Homeodomains.HG2.3:like:AC0252
PFAM: Homeodomain
motif: ARCH1336_Alx3/AIx4/AIx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.3725
gene score correlation: 0.3843

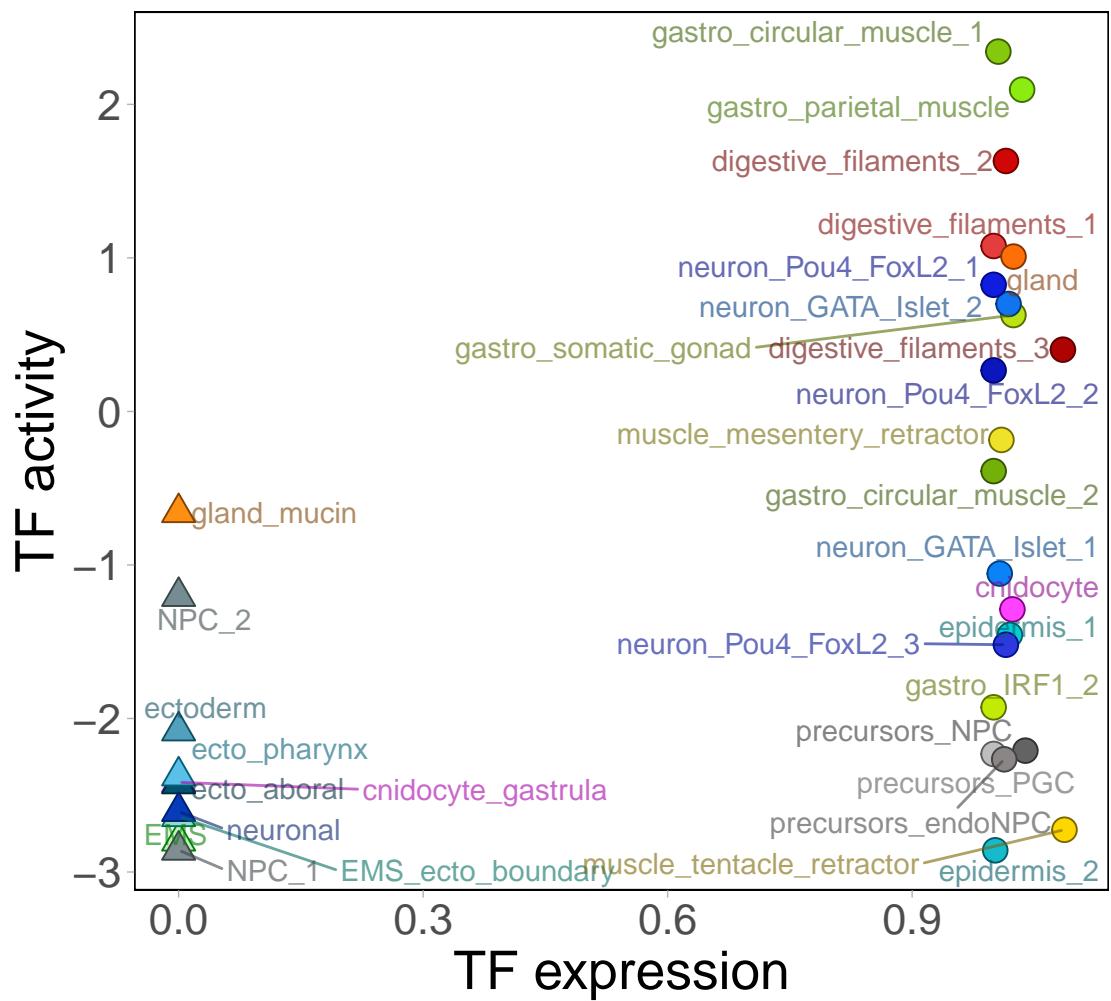


Nvec_vc1.1_XM_032365977.2
OG: zf-C2H2.HG1.33:like:AC008758.1/
PFAM: zf-C2H2
motif: ARCH909_Egr3/Egr1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.1989
gene score correlation: 0.6315

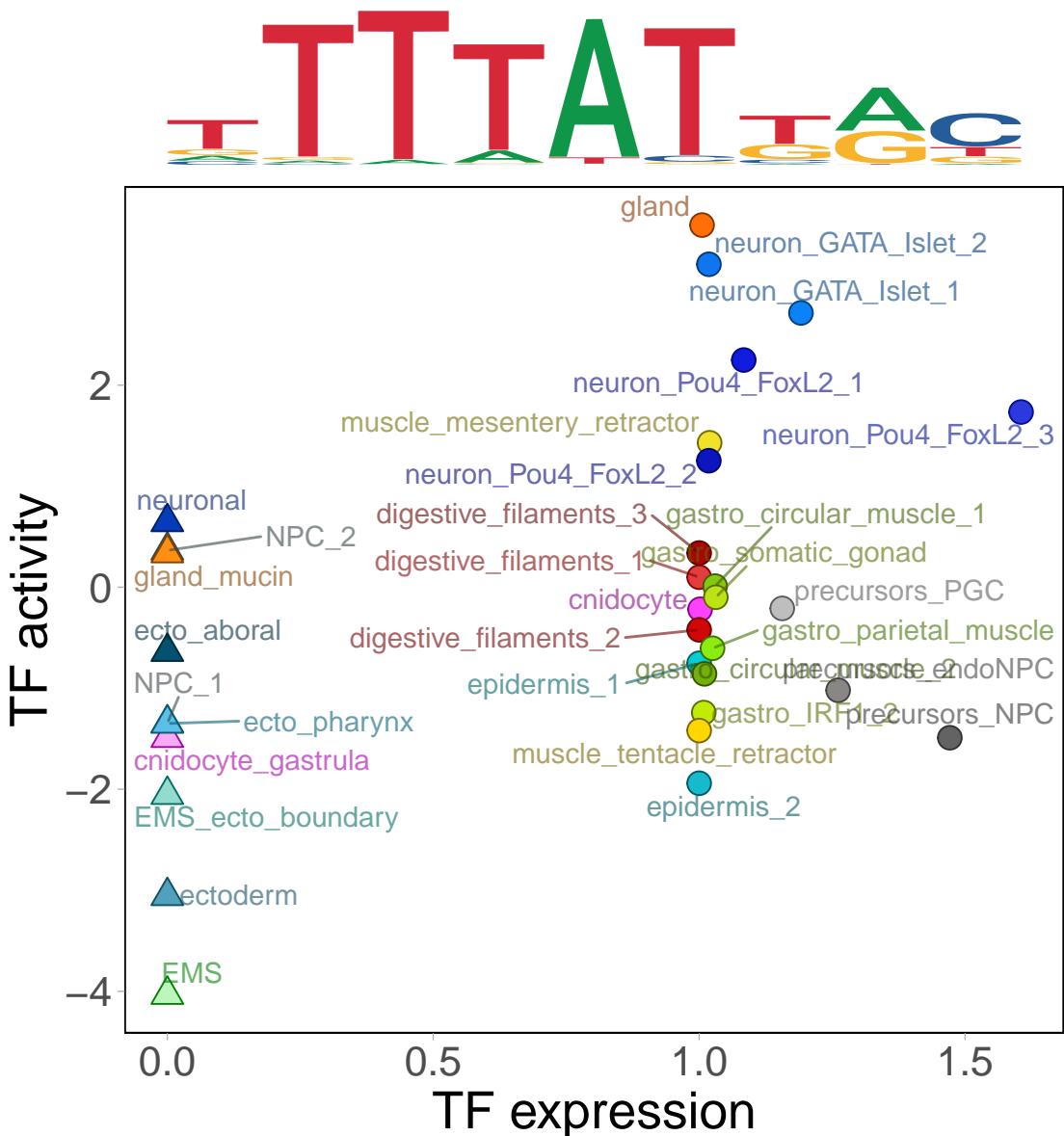


Nvec_vc1.1_XM_032366030.2
OG: HLH.HG1.5:like:CCDC169-SOHLH
PFAM: HLH
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 116
gene expression correlation: 0.5177
gene score correlation: 0.1774

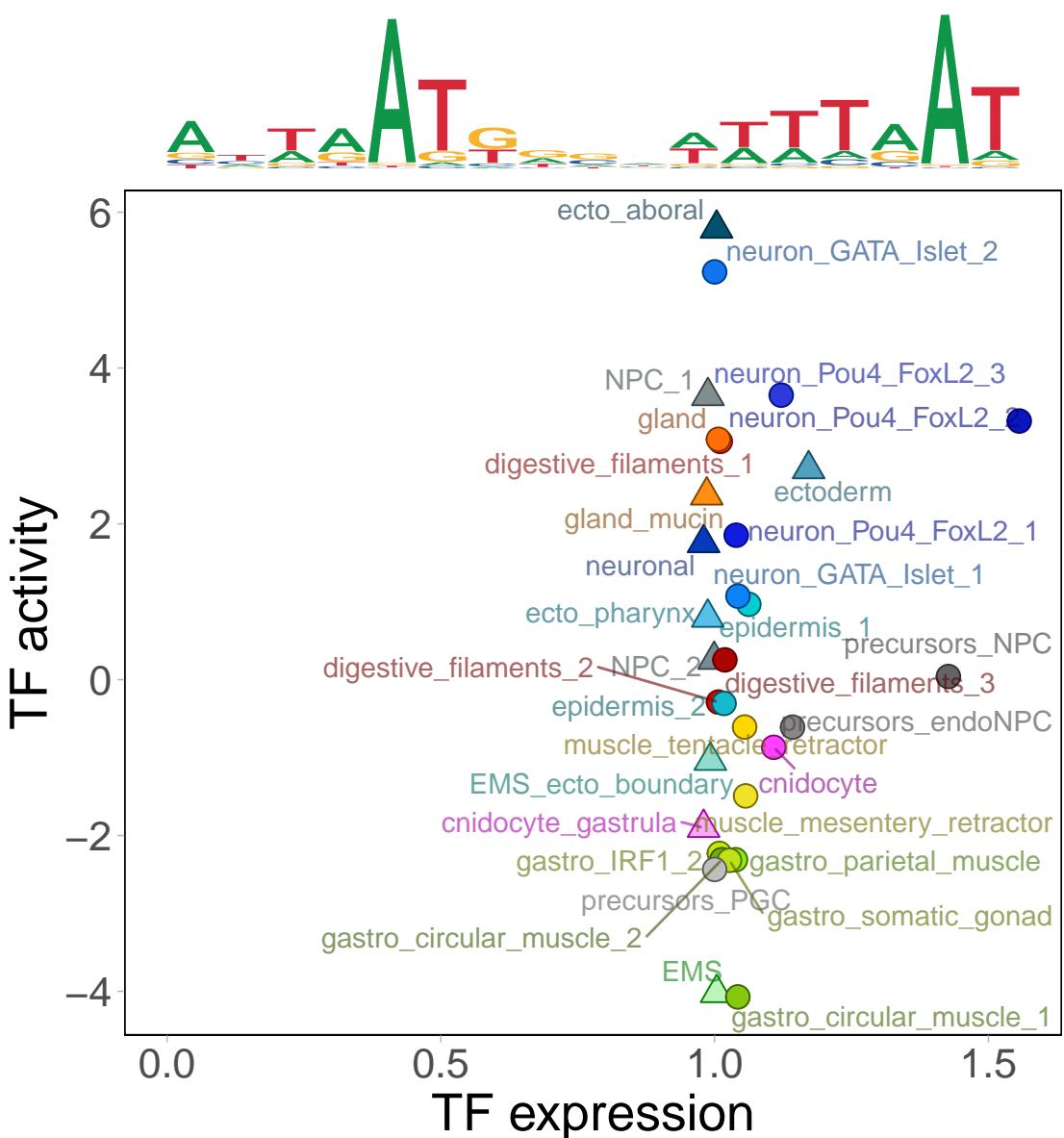
CAA_gTTG



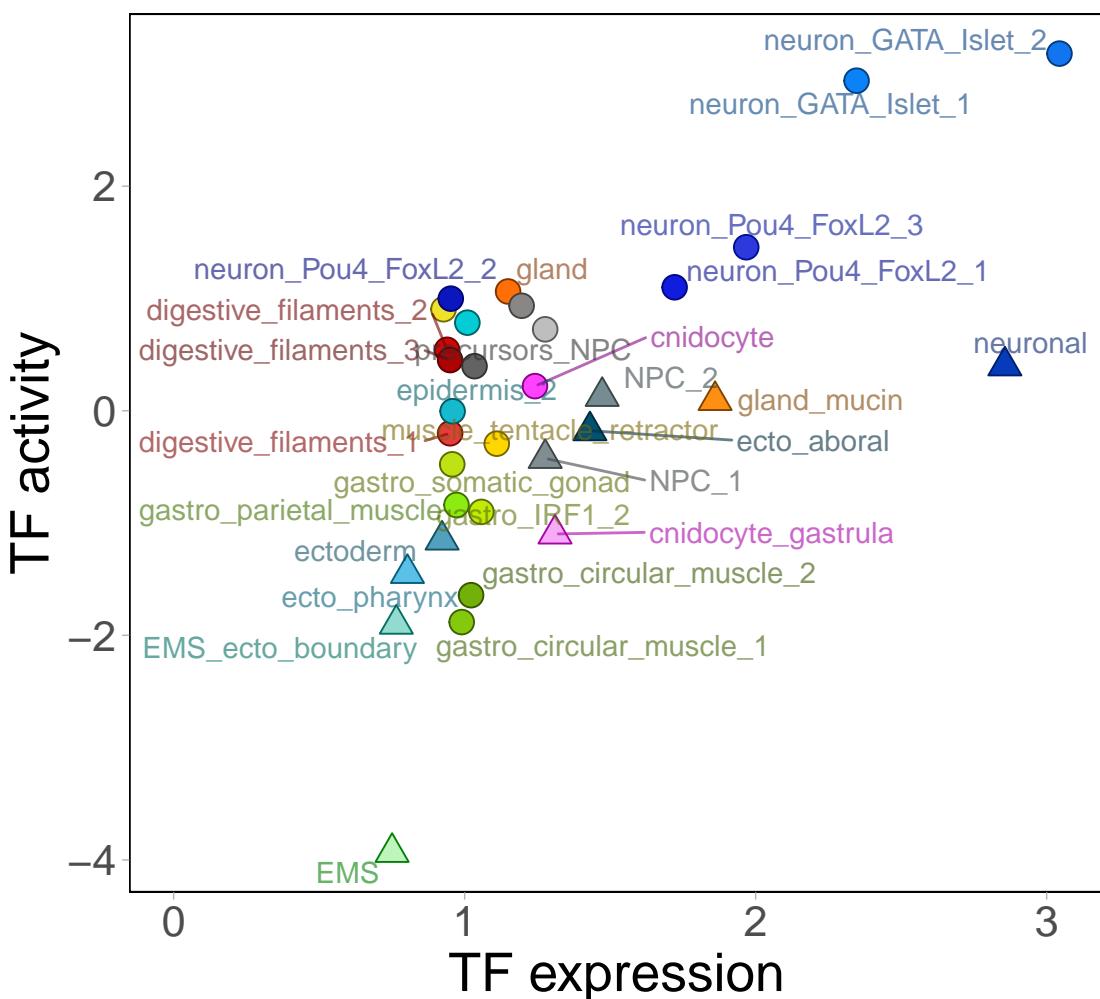
Nvec_vc1.1_XM_032366085.2
OG: Homeodomains.HG1.44:EMX1/EM
PFAM: Homeodomain
motif: ARCH33_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 13
gene expression correlation: 0.4242
gene score correlation: 0.2607



Nvec_vc1.1_XM_032366210.2
OG: Homeodomains.HG1.48:MSX1/MS
PFAM: Homeodomain
motif: ARCH48_Hlx
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 226
gene expression correlation: 0.1515
gene score correlation: 0.0522



Nvec_vc1.1_XM_032366211.2
OG: Homeodomains.HG1.34:HMX1/HM
PFAM: Homeodomain
motif: ARCH1316_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.6233
gene score correlation: 0.6037



Nvec_vc1.1_XM_032366225.2

OG: zf-C2H2.HG2.5:KLF15

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

motif: ARCH1370_M05856_2.00

TF family: zf-C2H2

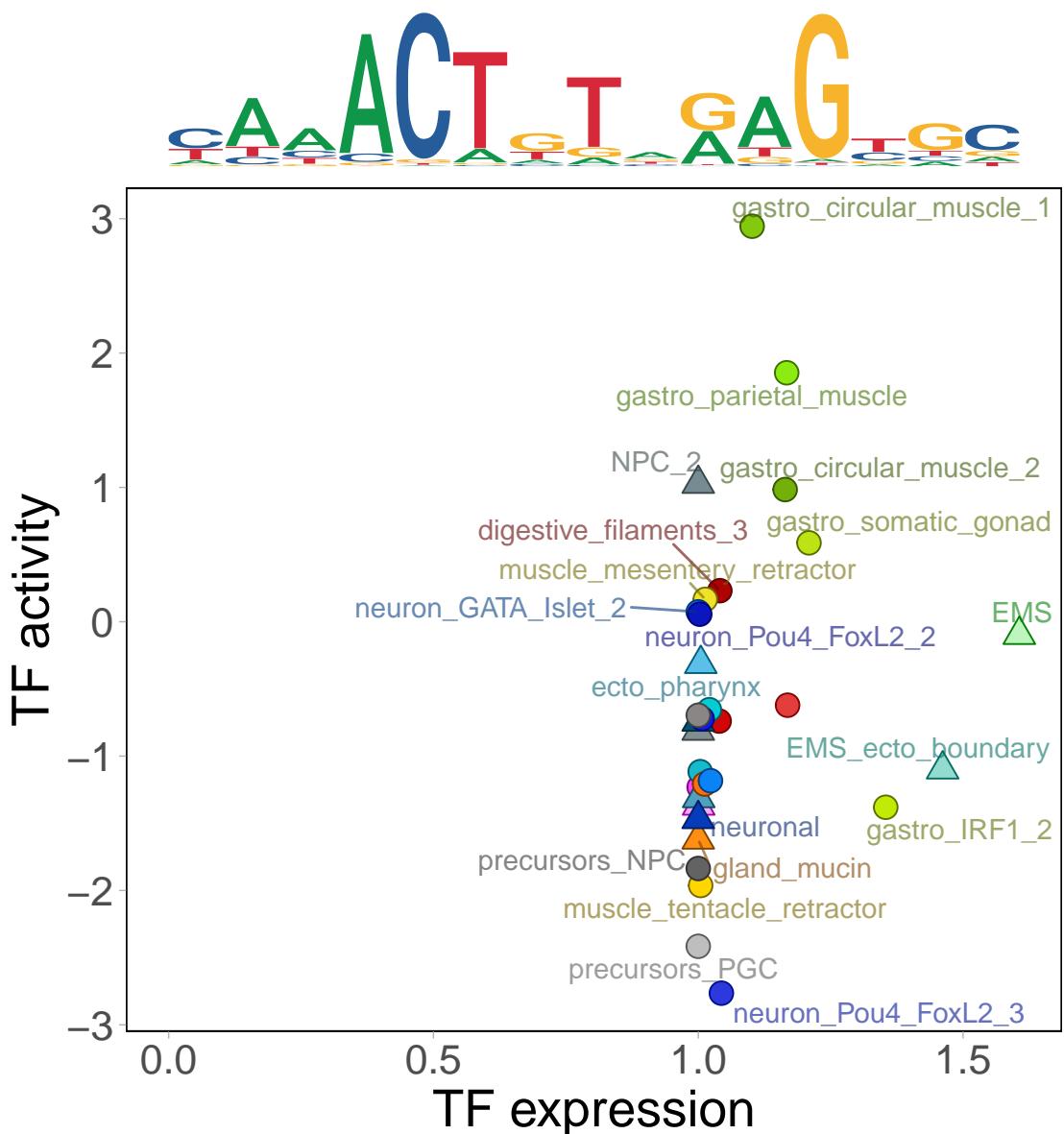
archetype family: zf-C2H2

CisBP assigned: FALSE

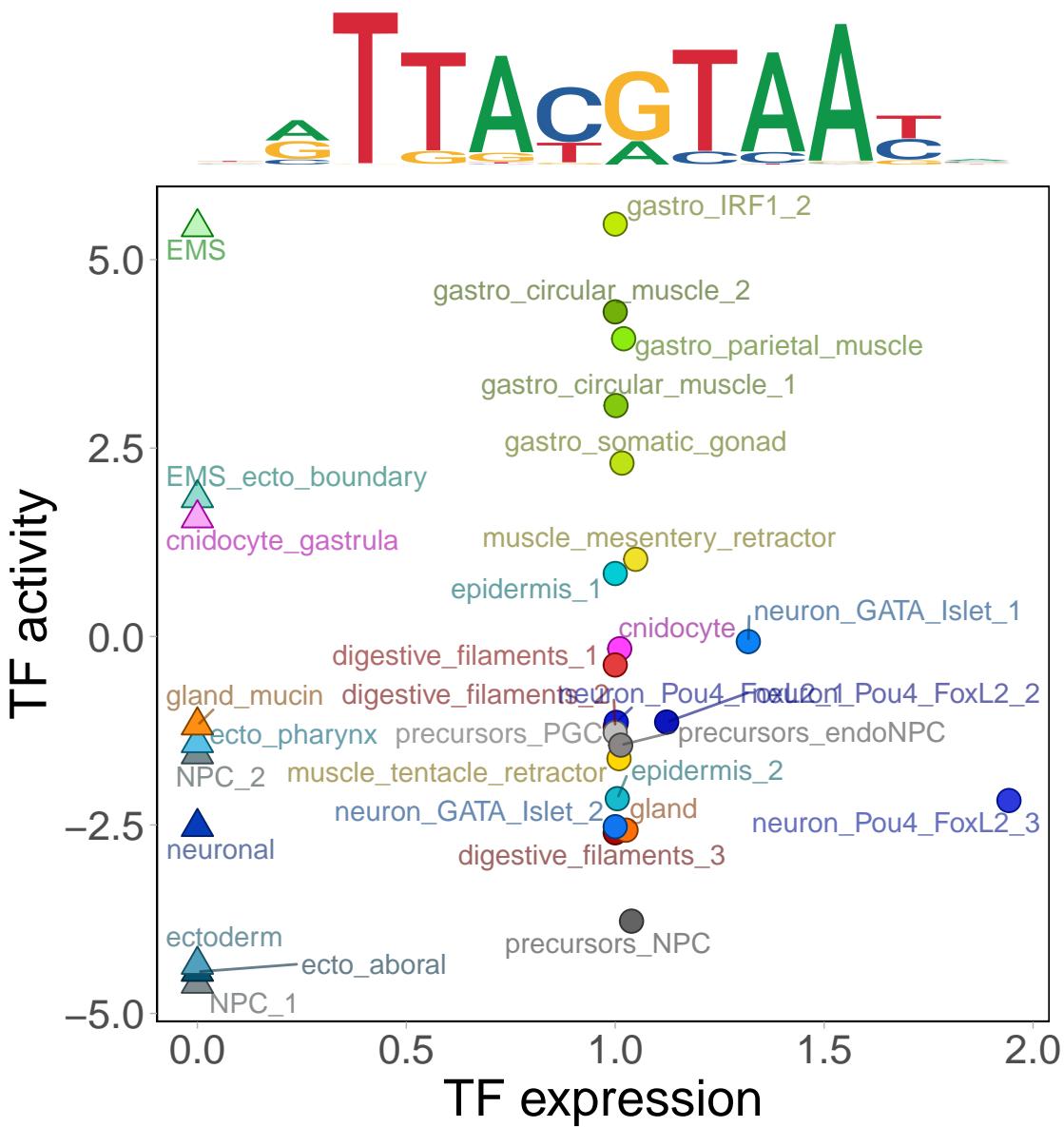
rank: 295

gene expression correlation: 0.1858

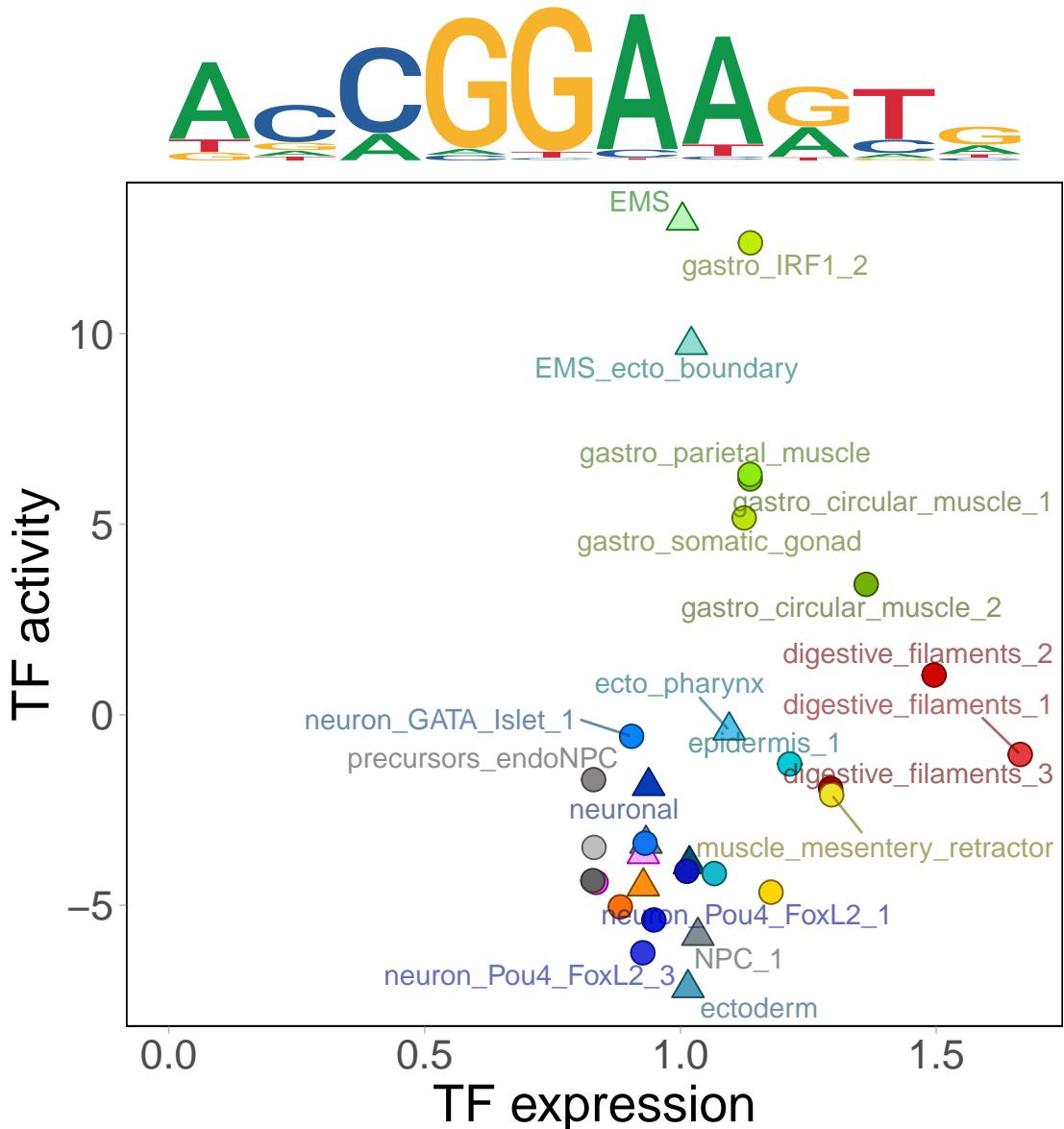
gene score correlation: 0.4764



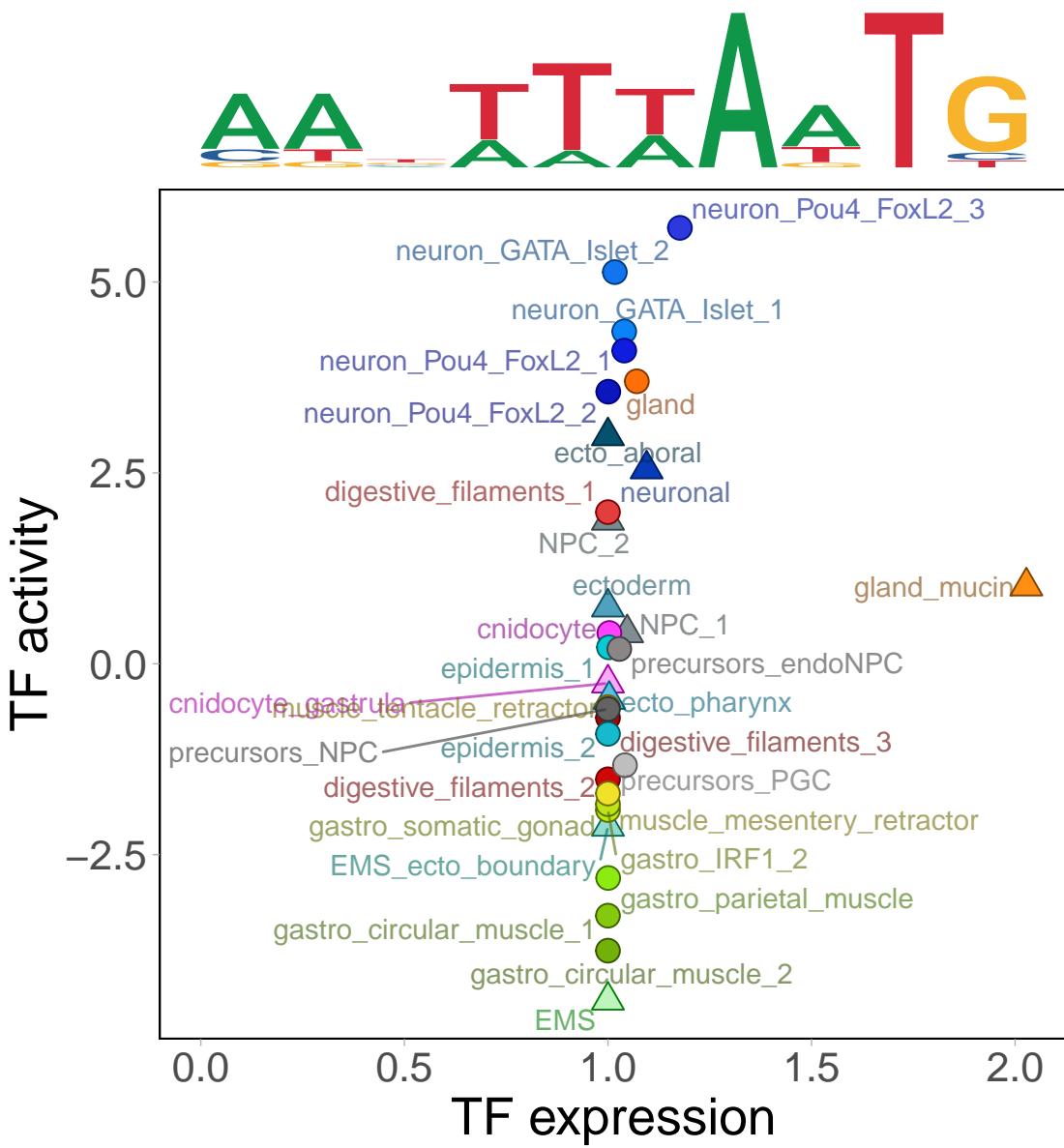
Nvec_vc1.1_XM_032366242.2
OG: bZIP.HG2.12:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: M03653_2.00
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1129
gene score correlation: 0.0711



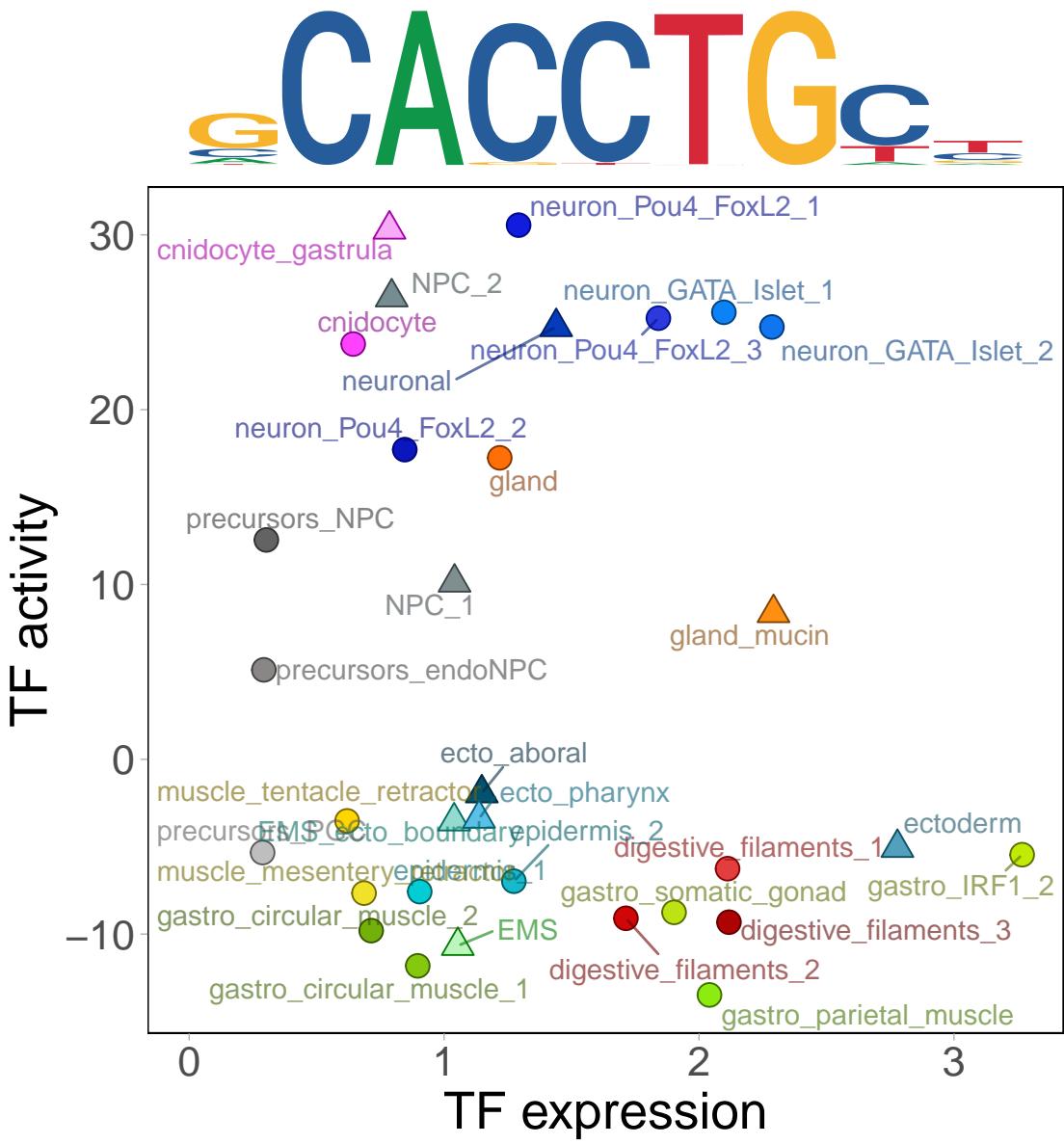
Nvec_vc1.1_XM_032366602.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: SAM_PNT/Ets
motif: ARCH584_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 223
gene expression correlation: 0.2725
gene score correlation: 0.4450



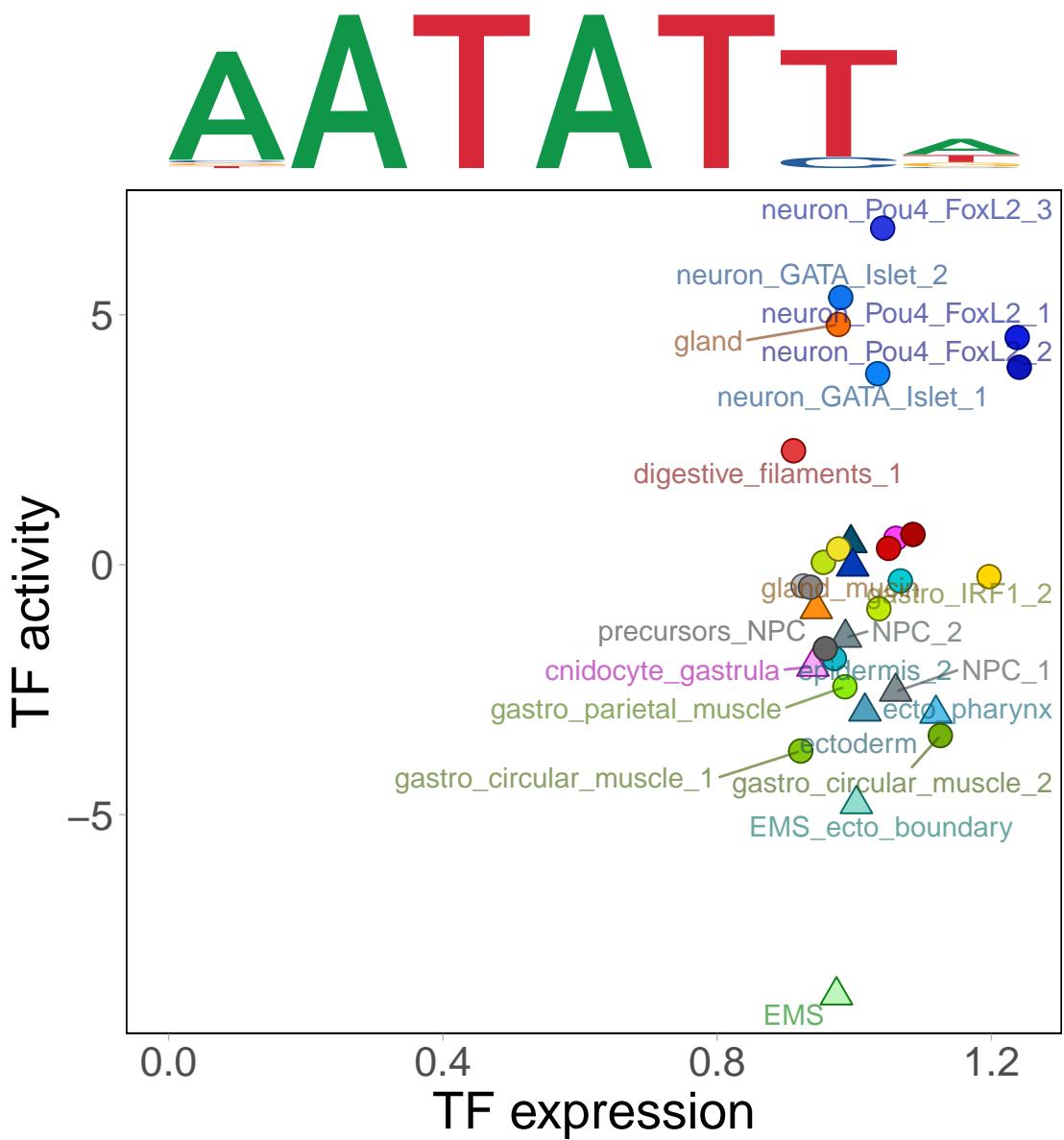
Nvec_vc1.1_XM_032366609.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 31
gene expression correlation: 0.1624
gene score correlation: 0.4905



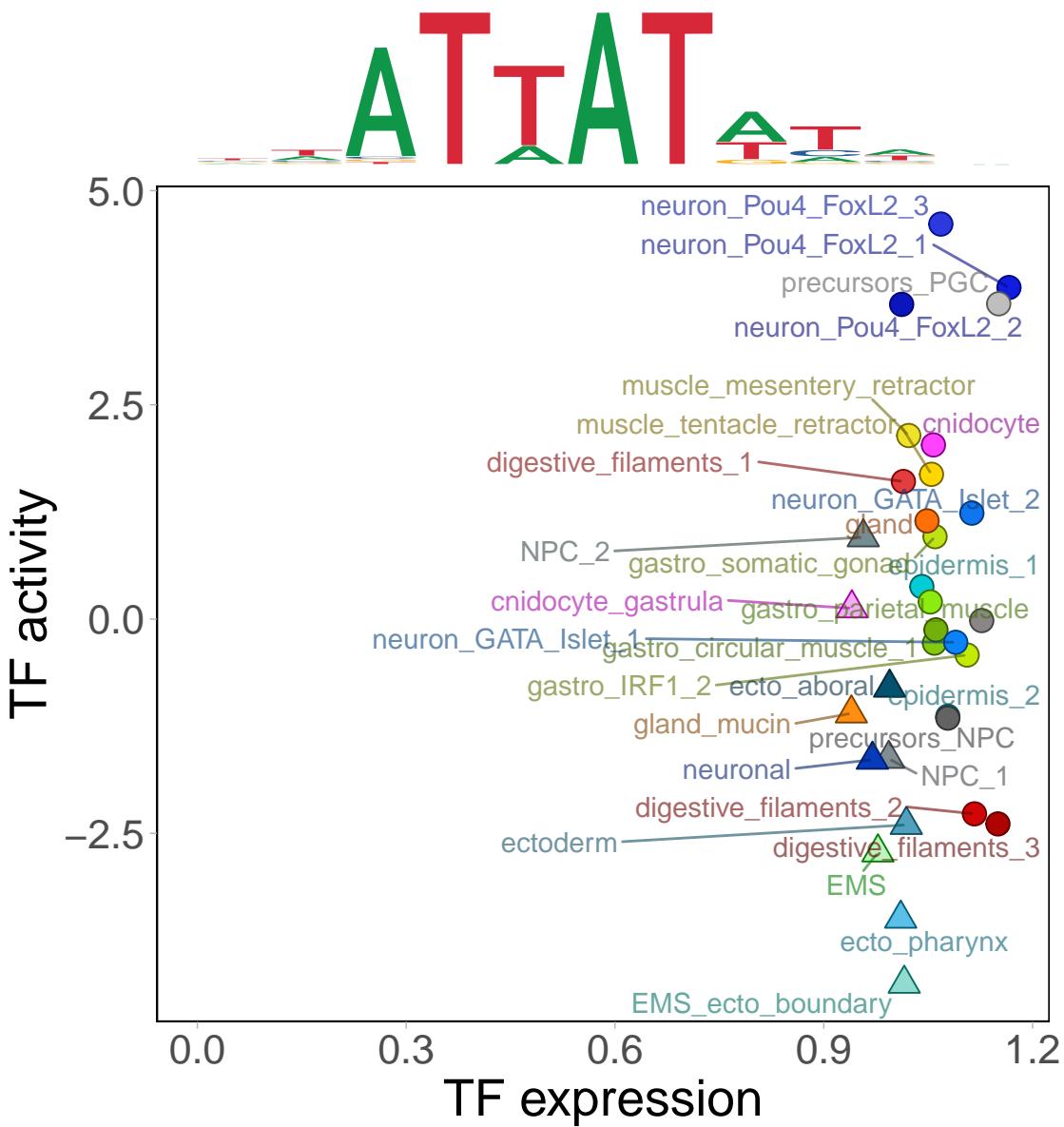
Nvec_vc1.1_XM_032366627.2
OG: zf-C2H2.HG1.44:EGR1/EGR2/EG
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH530_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 35
gene expression correlation: -0.0857
gene score correlation: 0.4337



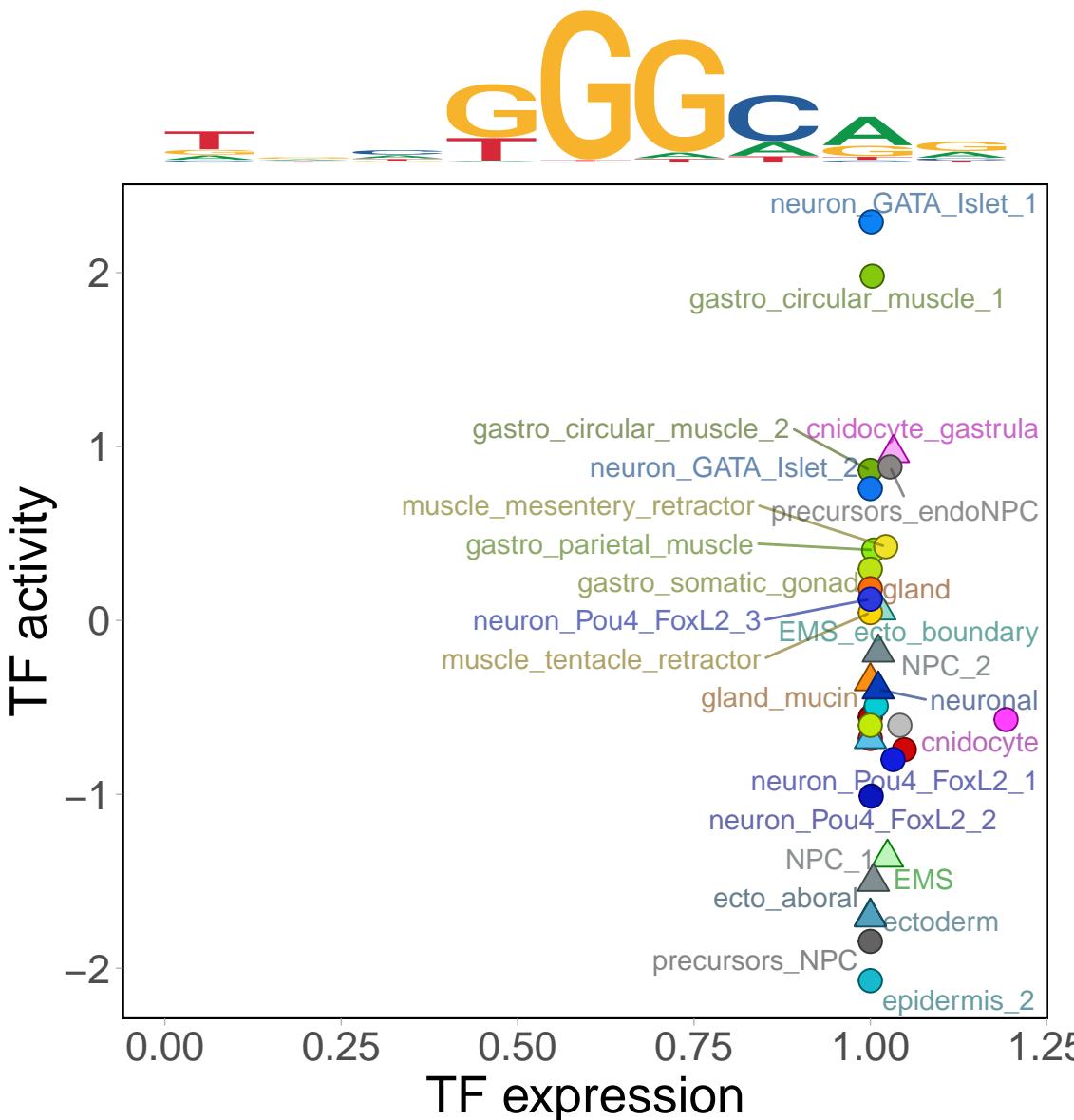
Nvec_vc1.1_XM_032366646.2
OG: ARID_BRIGHT.HG1.5:ARID5A/AR
PFAM: ARID
motif: ARCH1088_Arid5b/Arid5a
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: TRUE
rank: 59
gene expression correlation: 0.2463
gene score correlation: 0.4434



Nvec_vc1.1_XM_032366739.2
OG: HMGbox_Sox.HG1.65:HMG20B
PFAM: HMG_box
motif: M02487_2.00
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2716
gene score correlation: 0.1458



Nvec_vc1.1_XM_032366790.2
OG: THAP_finger.HG1.0:AC073612.1/T
PFAM: THAP
motif: ARCH525_M08176_2.00
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 1099
gene expression correlation: -0.0379
gene score correlation: -0.1839



Nvec_vc1.1_XM_032366797.2

OG: Myb.HG1.23:TERB1/TERF2

PFAM: Myb_DNA-binding

motif: ARCH193_MYB116

TF family: Myb

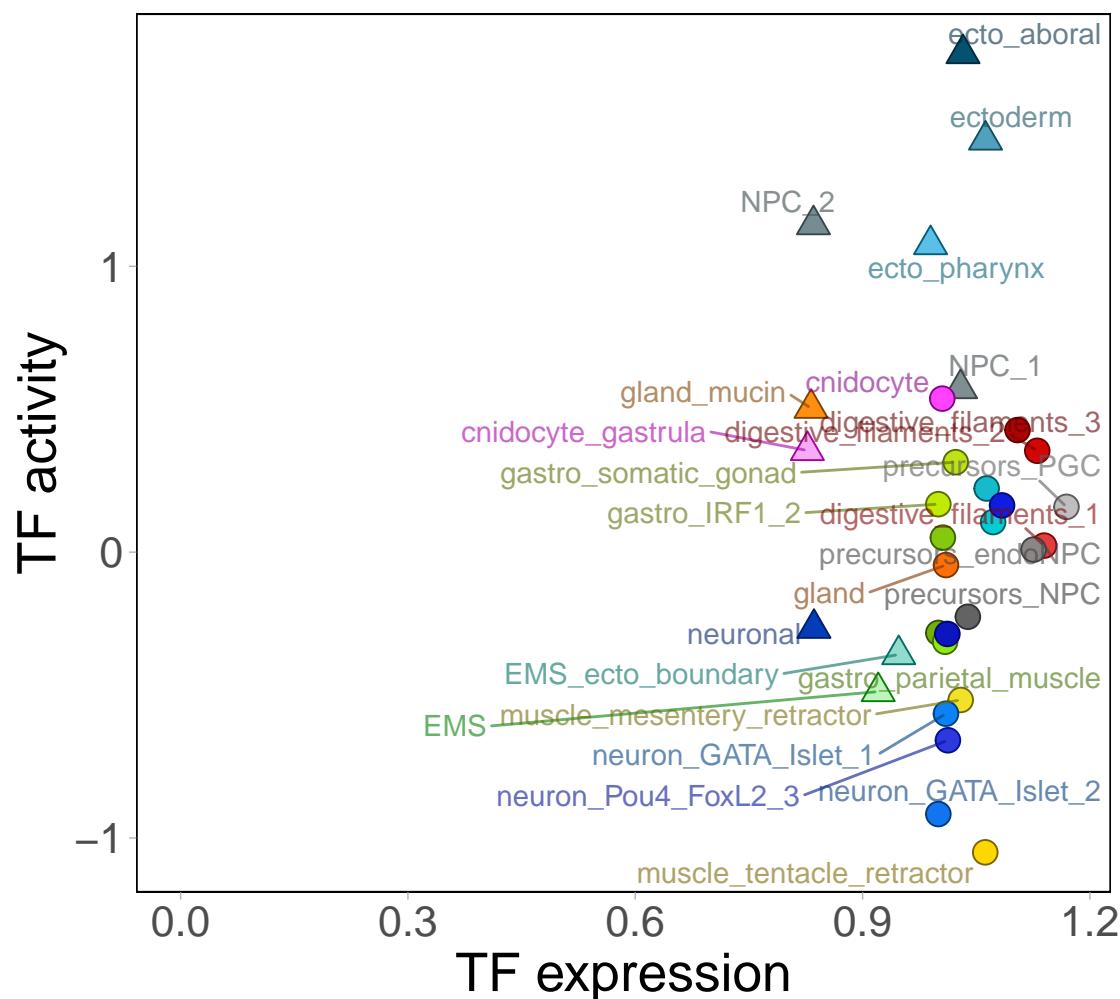
archetype family: Myb

CisBP assigned: FALSE

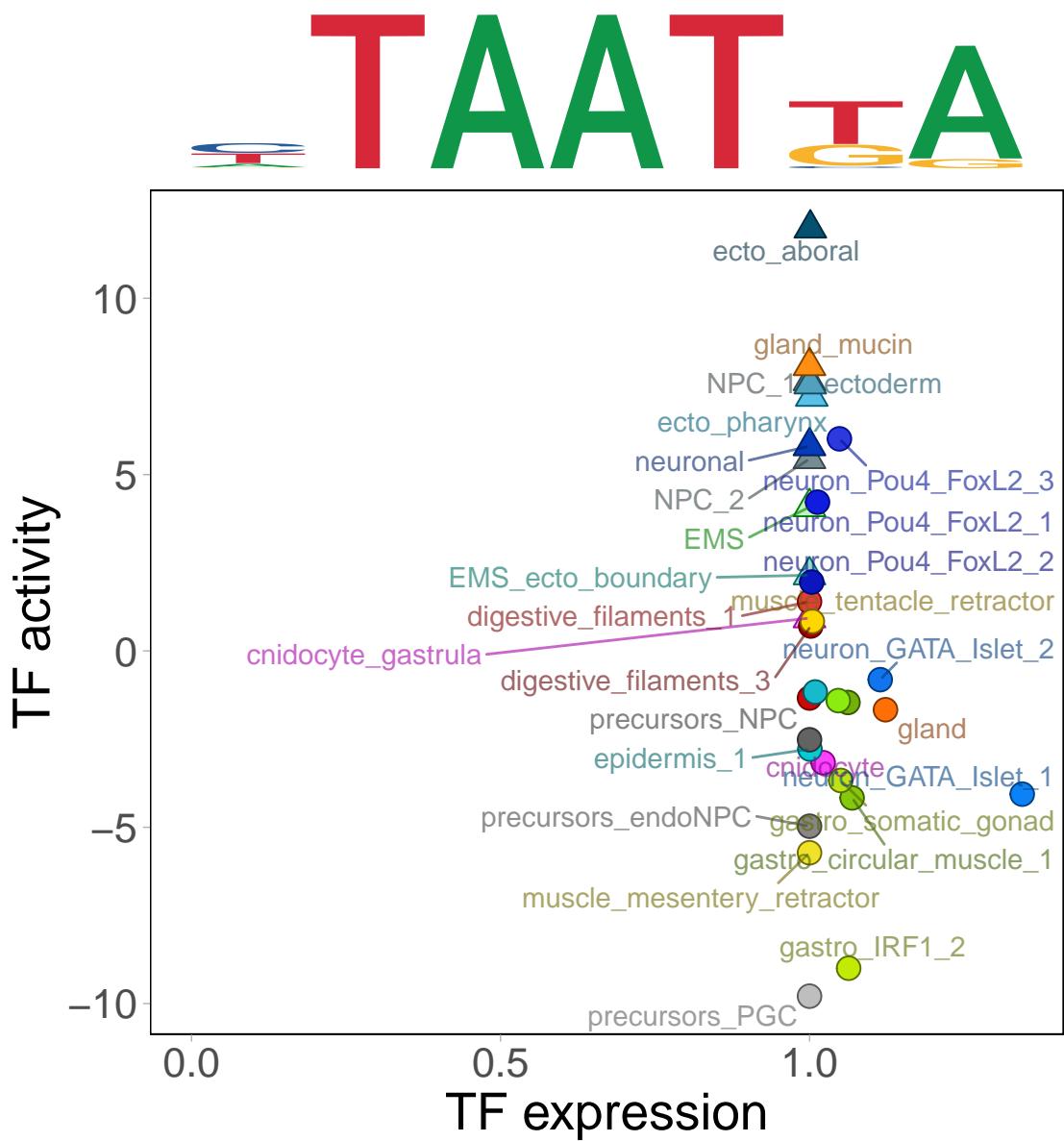
rank: 331

gene expression correlation: -0.0393

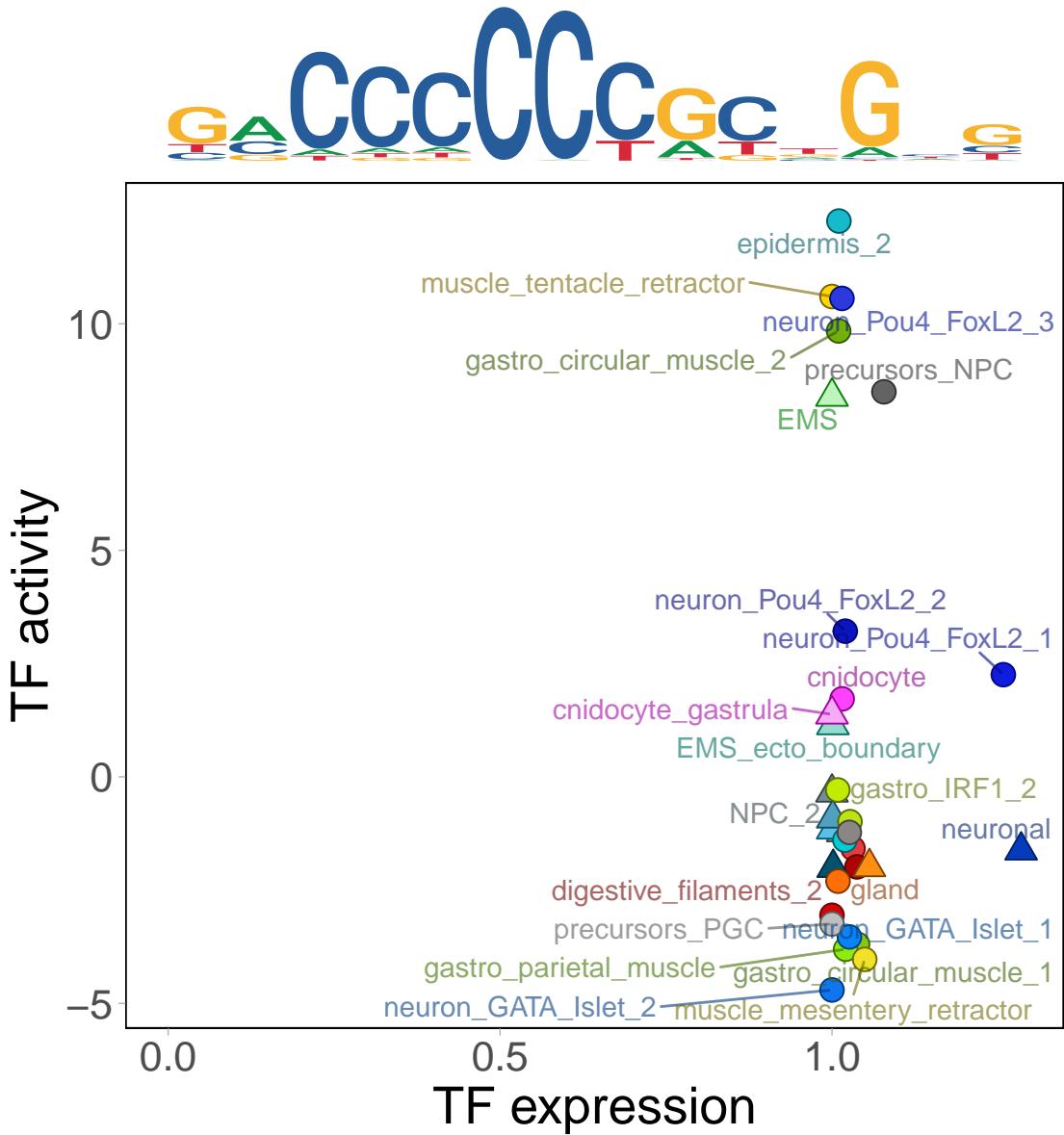
gene score correlation: -0.2981



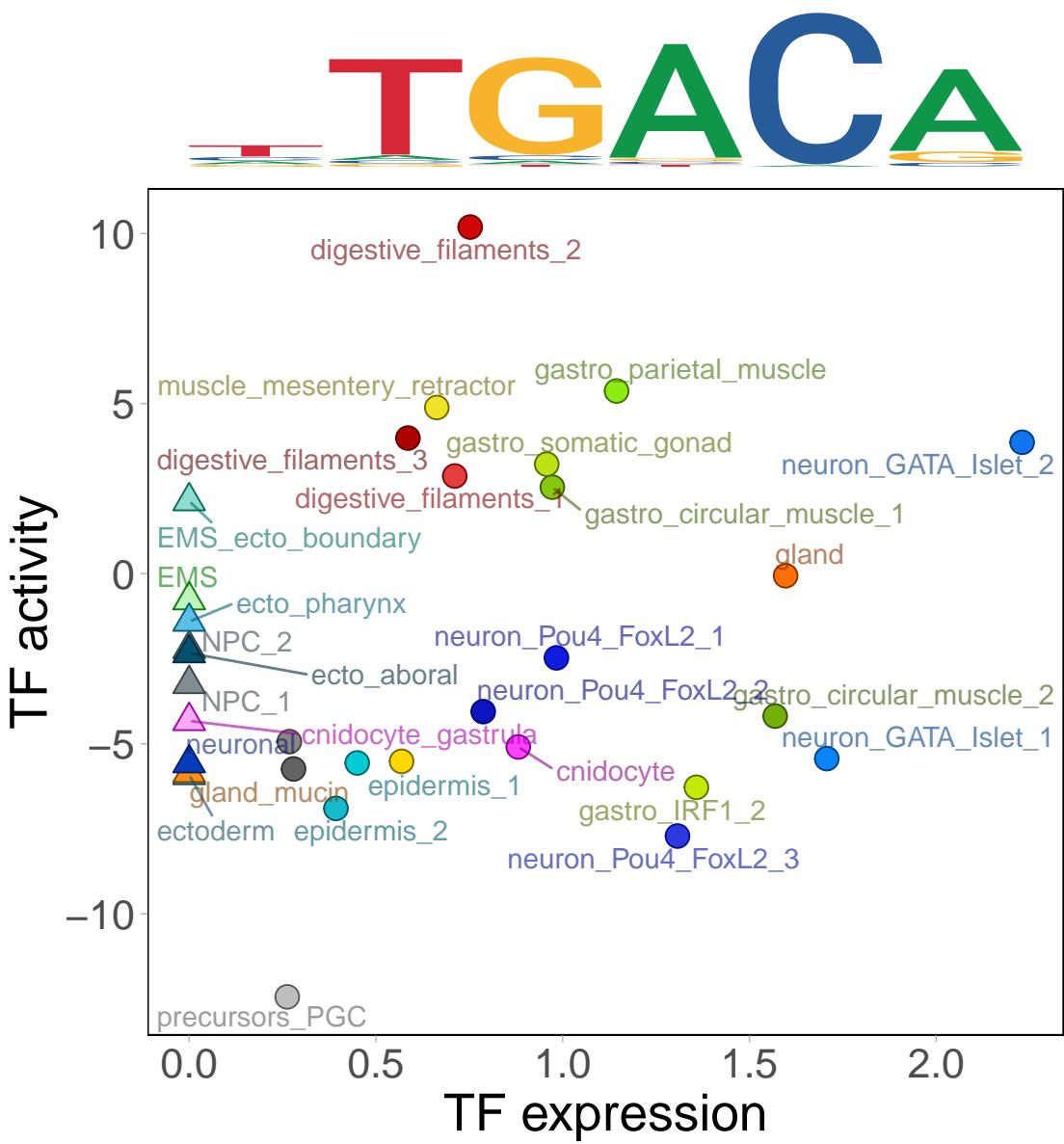
Nvec_vc1.1_XM_032366836.2
OG: Homeodomains.HG1.54:like:NOTO
PFAM: Homeodomain
motif: M06354_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.2938
gene score correlation: -0.0996



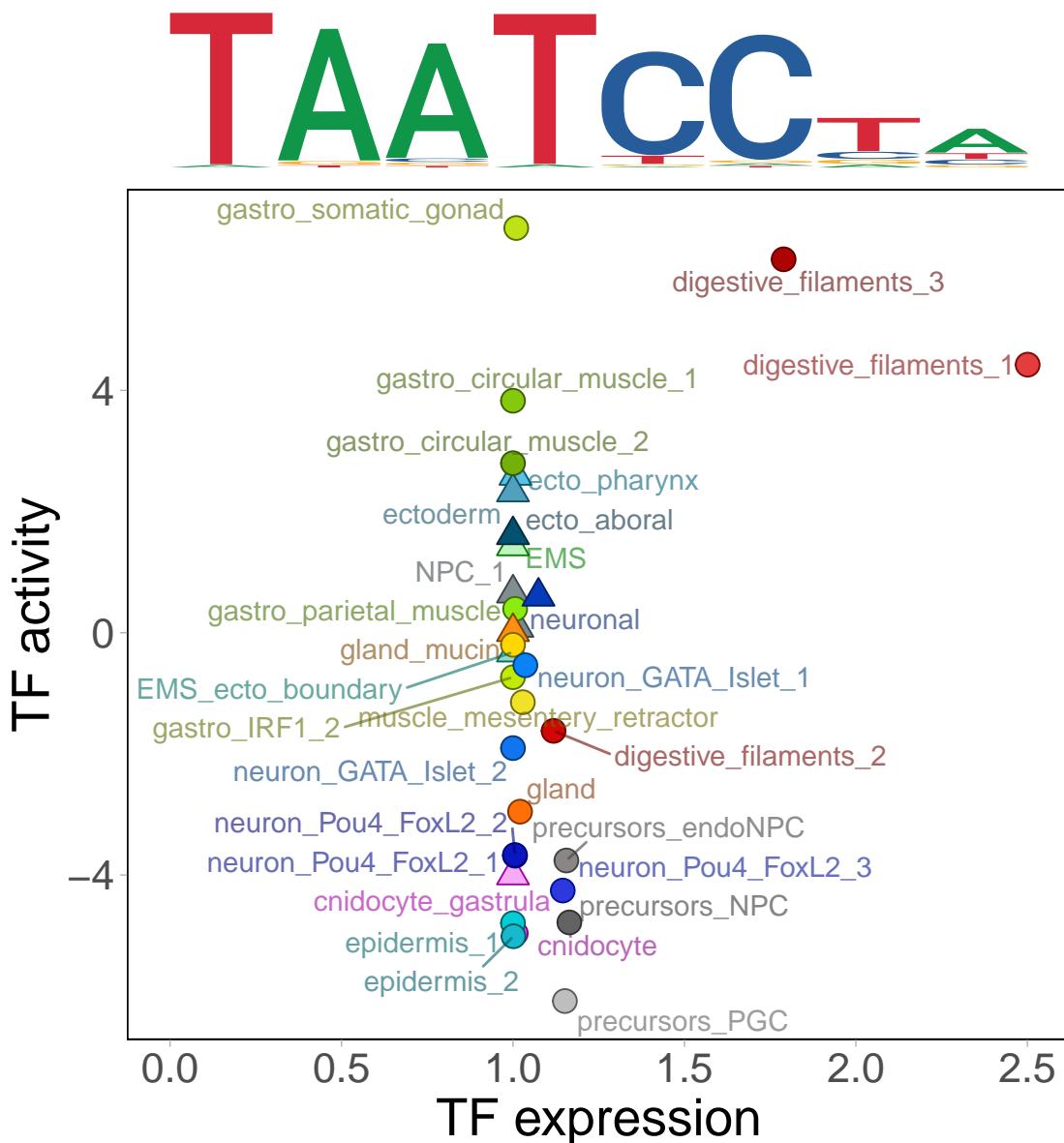
Nvec_vc1.1_XM_032366964.2
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH353_M06062_2.00__M064
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: -0.0448
gene score correlation: 0.5465



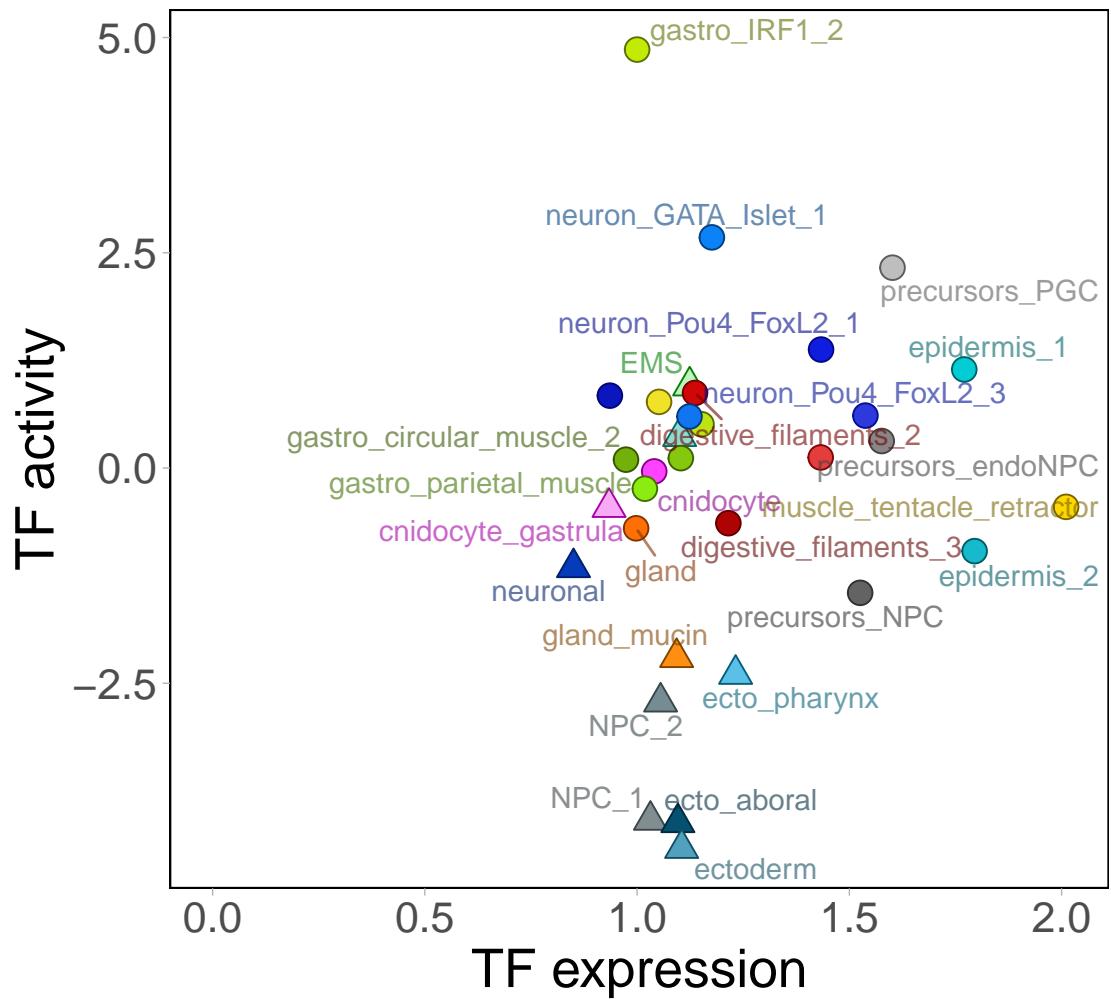
Nvec_vc1.1_XM_032366979.2
OG: Homeodomains.HG1.21:BARX1/B
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.2215
gene score correlation: 0.7107



Nvec_vc1.1_XM_032367023.2
OG: Homeodomains.HG1.47:like:MSX1
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3400
gene score correlation: 0.3655



Nvec_vc1.1_XM_032367127.2
OG: bZIP.HG2.10:DBP/HLF/TEF
PFAM: bZIP_2
motif: Nvec_vc1.1_XM_032367127.2_b
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1266
gene score correlation: 0.0574



Nvec_vc1.1_XM_032367197.2

OG: zf-C2H2.HG18.0:ZNF277

PFAM: zf-C2H2_2/zf-C2H2_2

motif: ARCH1311_Yy1

TF family: zf-C2H2

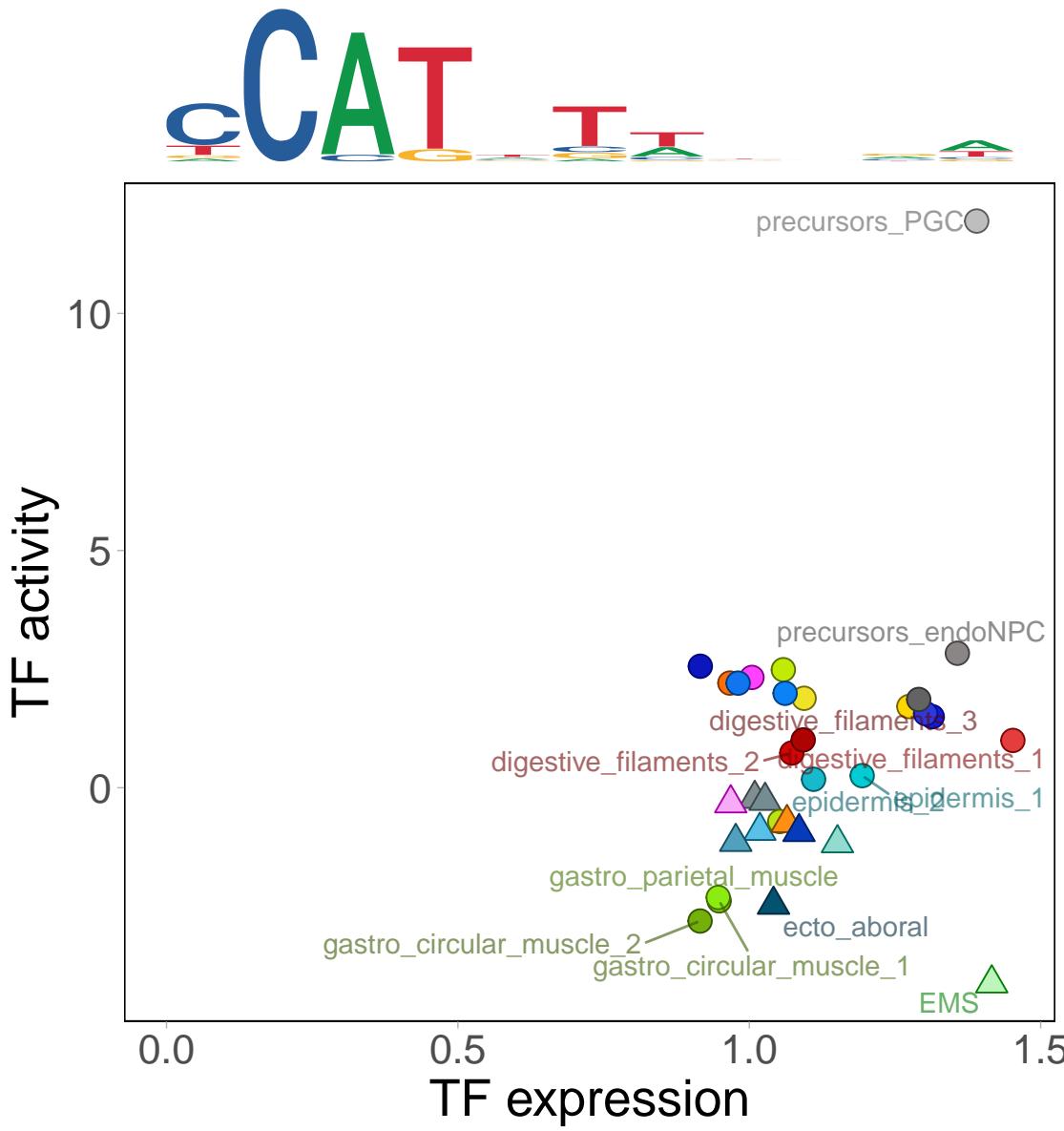
archetype family: zf-C2H2

CisBP assigned: FALSE

rank: 7

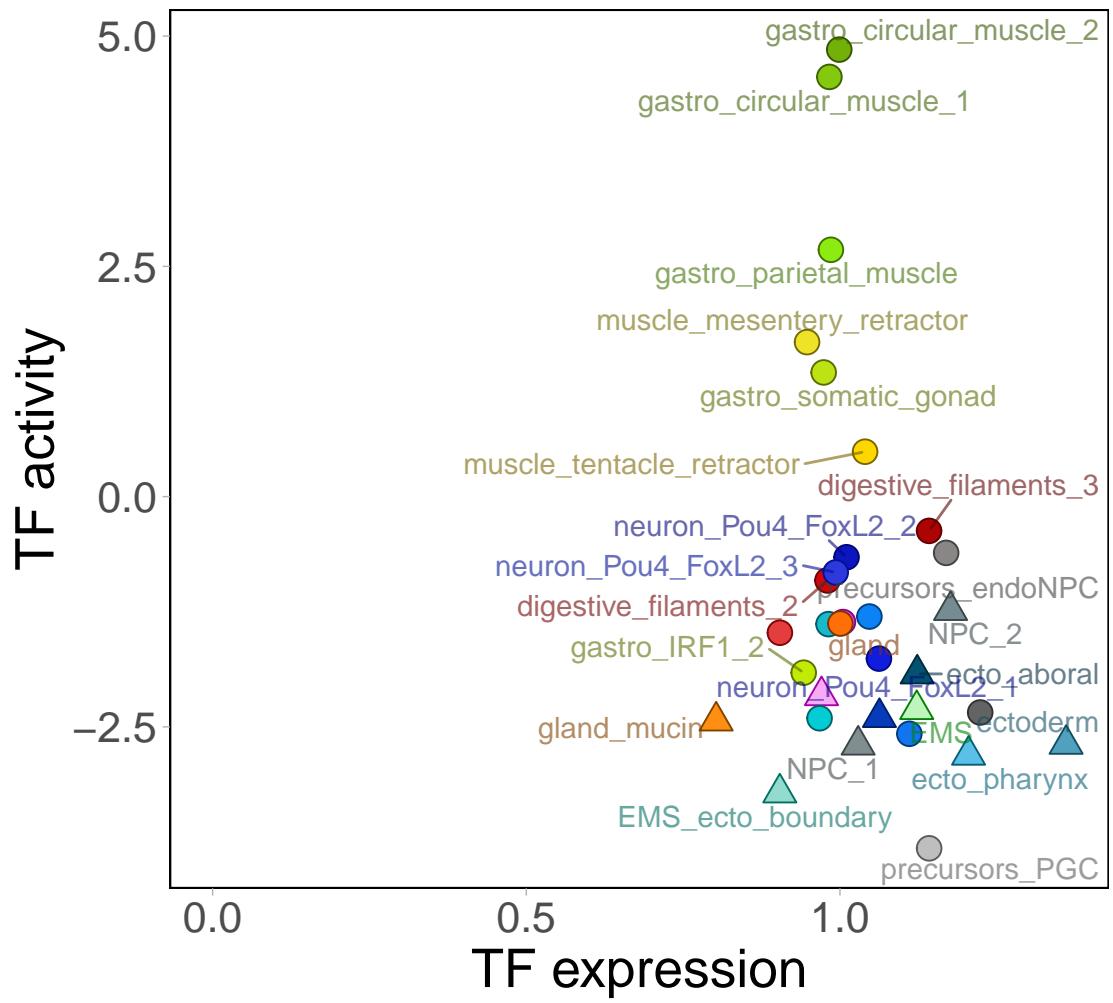
gene expression correlation: 0.3424

gene score correlation: 0.3619

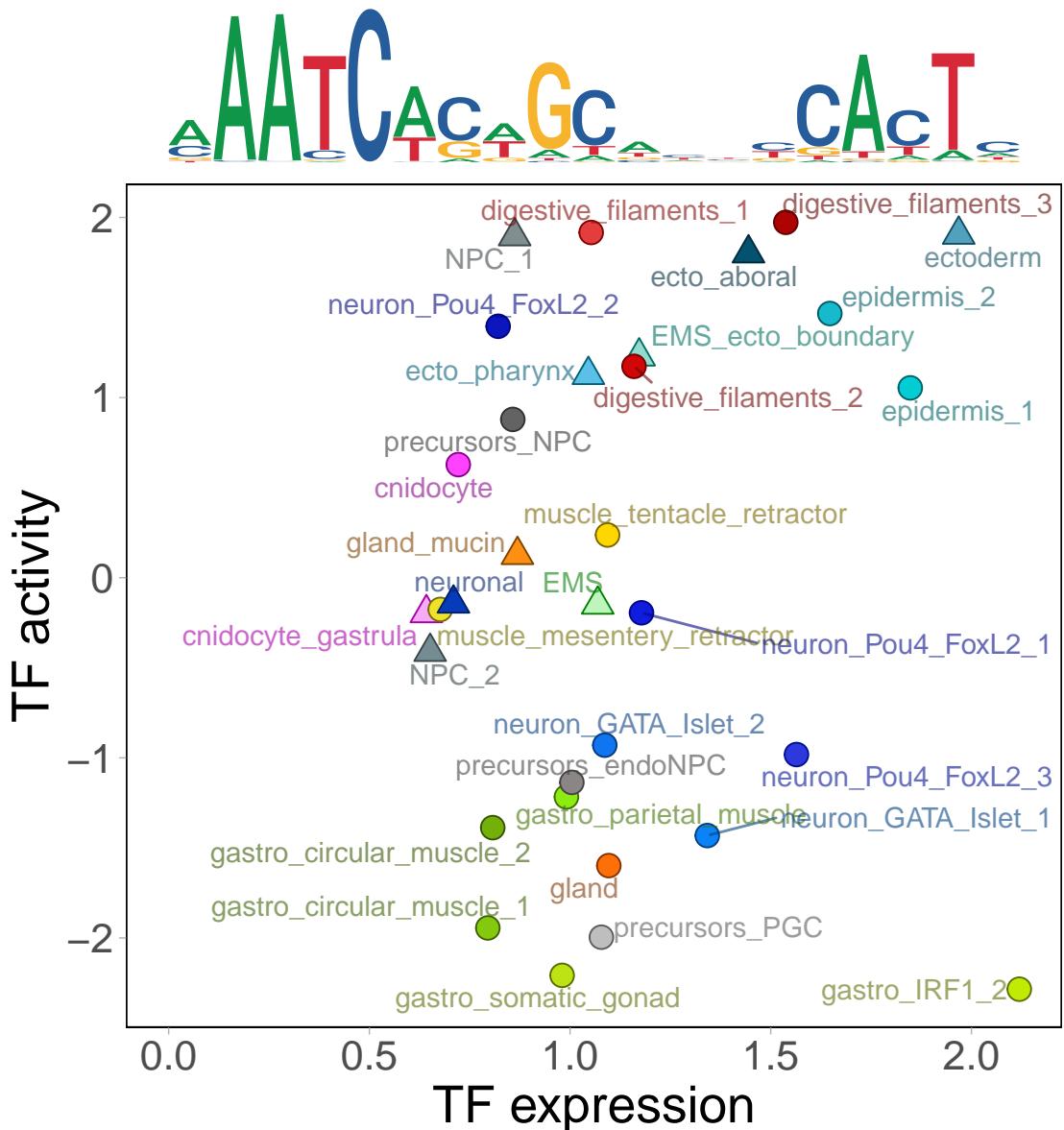


Nvec_vc1.1_XM_032367750.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCC
PFAM: Myb_DNA-binding
motif: ARCH1489_0610010K14Rik
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 1691
gene expression correlation: -0.2476
gene score correlation: -0.4159

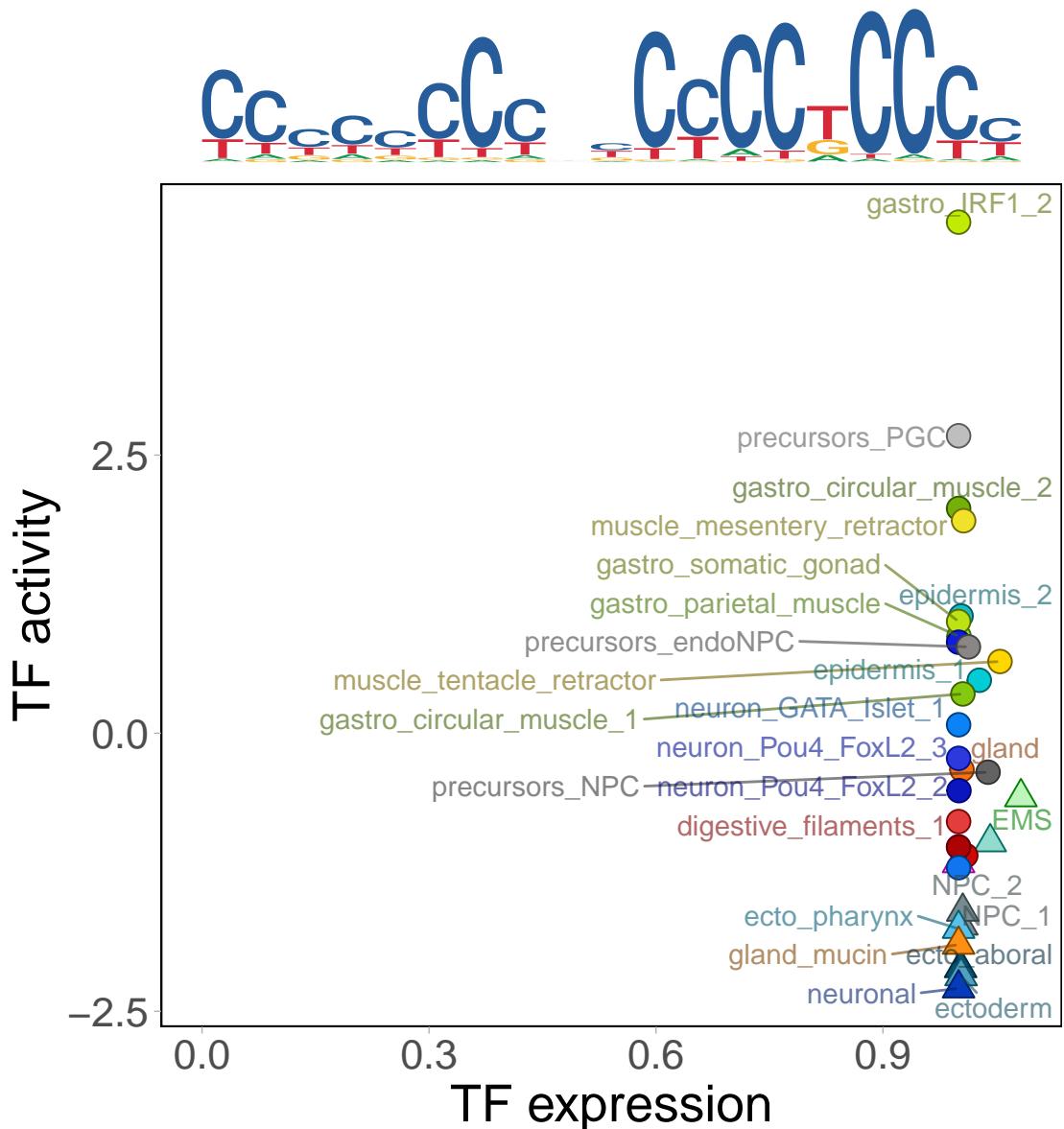
A A C C C T A



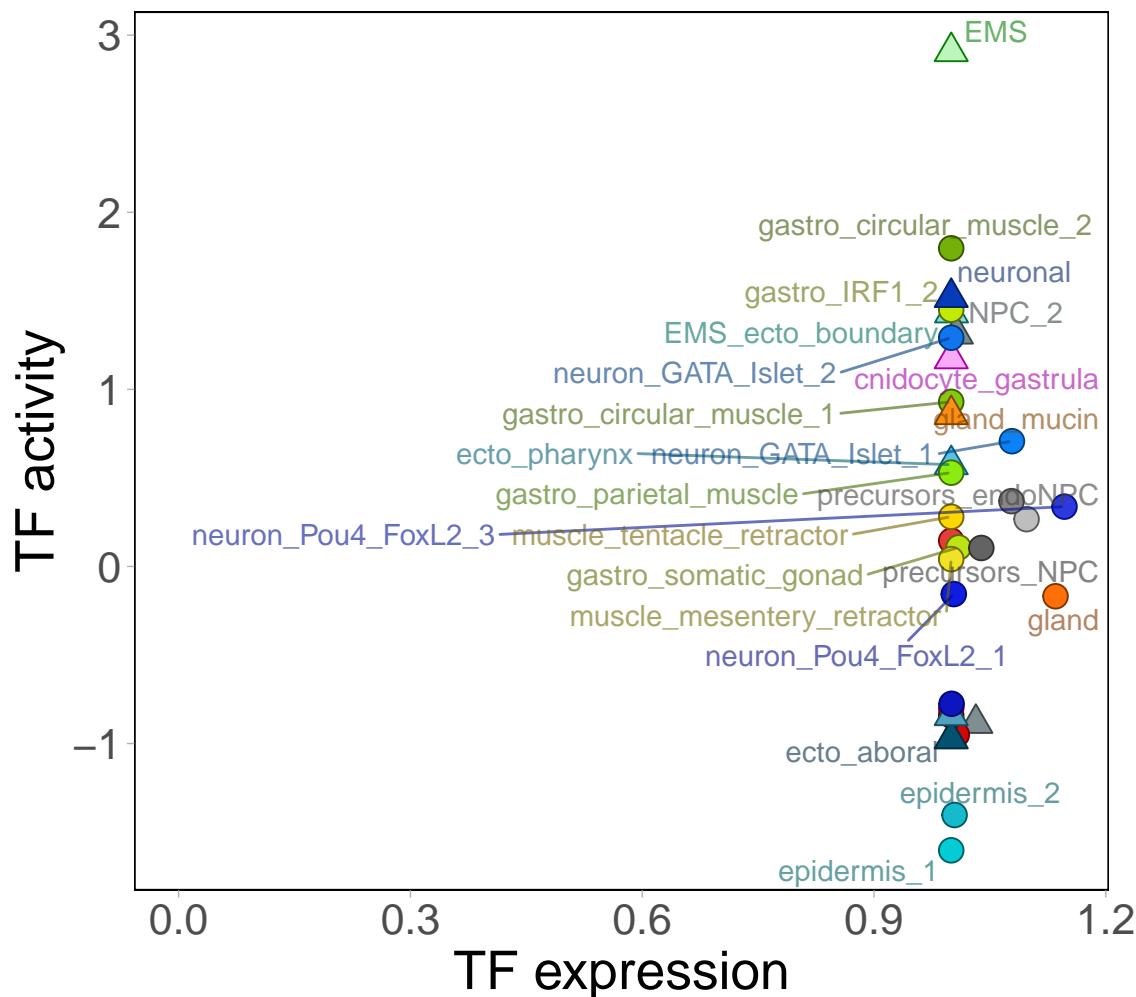
Nvec_vc1.1_XM_032367802.2
OG: zf-C2H2.HG2.9:like:KLF3/KLF5/KL
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1370
gene score correlation: 0.4176



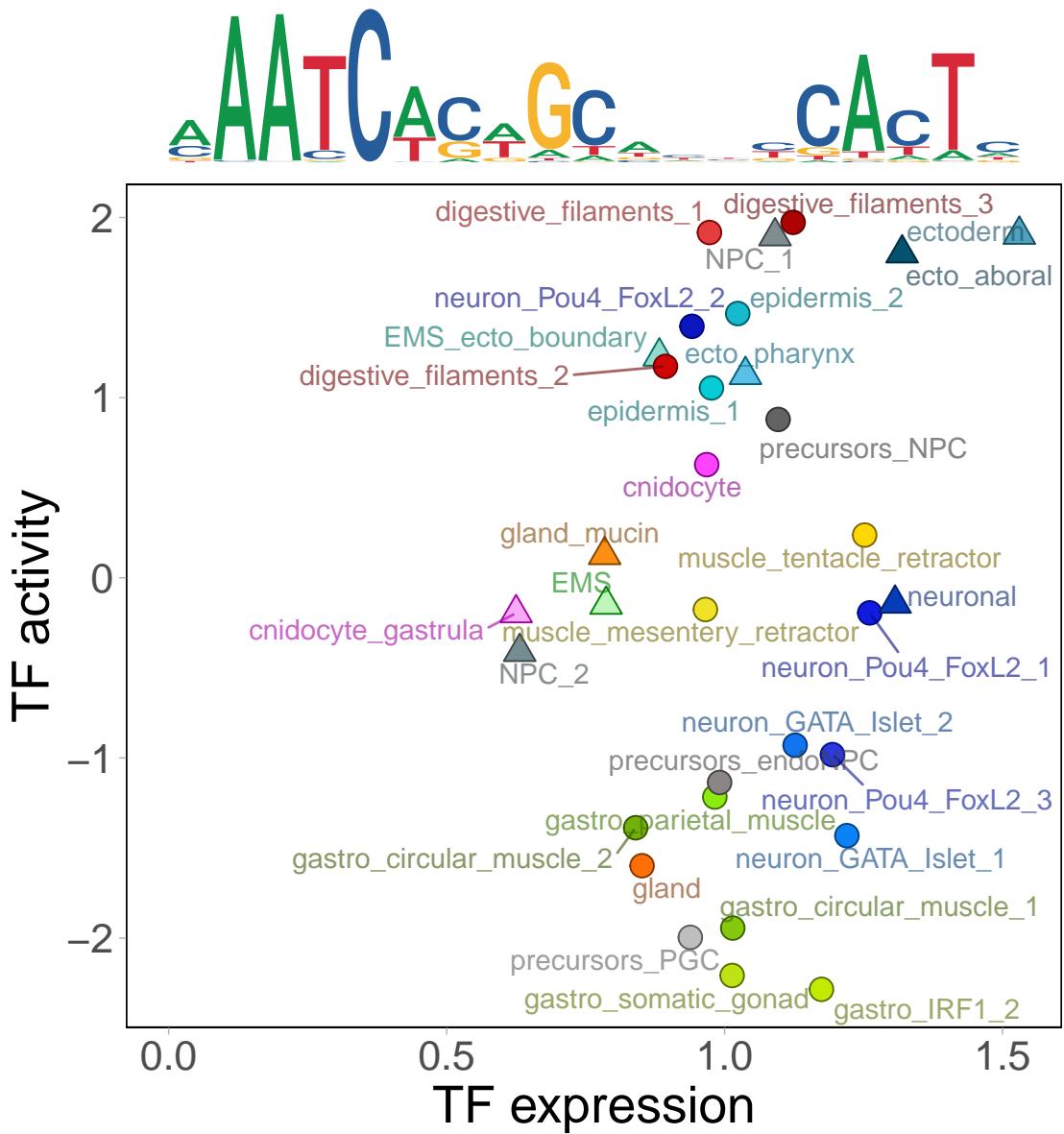
Nvec_vc1.1_XM_032368799.2
OG: zf-C2H2.HG1.130:ZBTB45
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH361_Klf15
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 255
gene expression correlation: -0.0139
gene score correlation: 0.7160



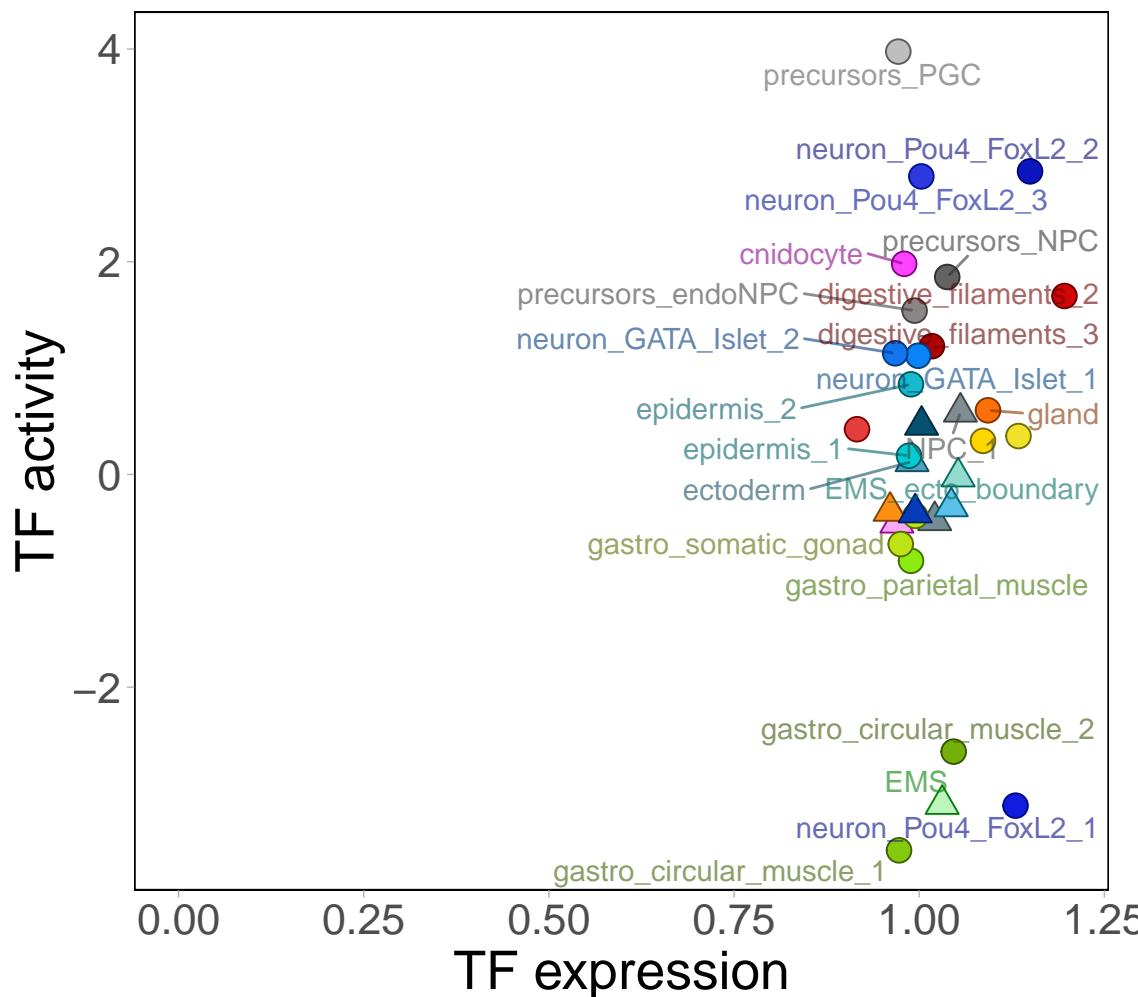
Nvec_vc1.1_XM_032369367.2
OG: HLH.HG1.69:ASCL3/ASCL4/ASCL
PFAM: HLH
motif: Ascl3/Ascl5/Ascl4_241030_strem
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.0493
gene score correlation: -0.0250



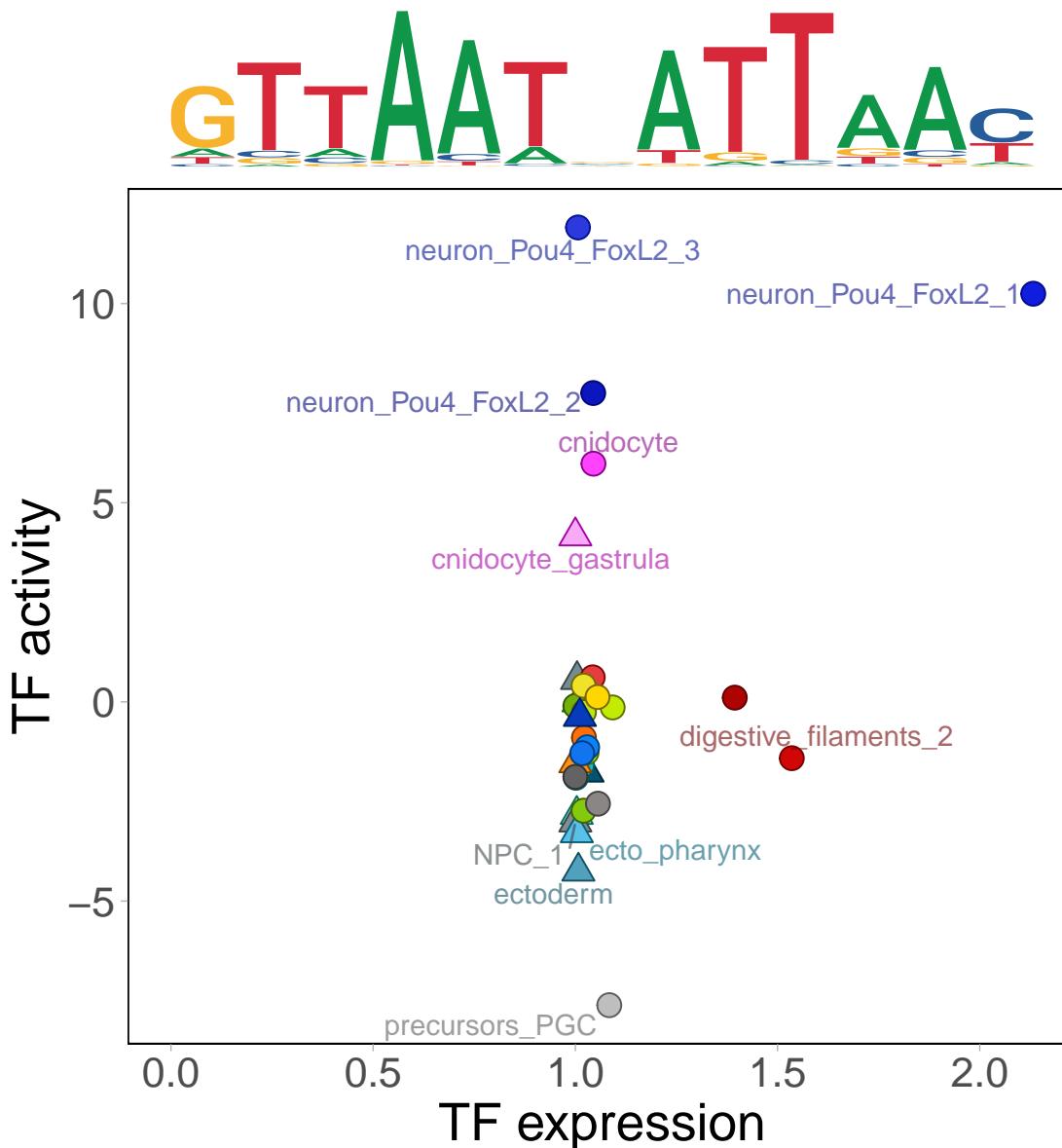
Nvec_vc1.1_XM_032369437.2
OG: zf-C2H2.HG2.20:KLF6/KLF7
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 23
gene expression correlation: 0.1718
gene score correlation: 0.5214



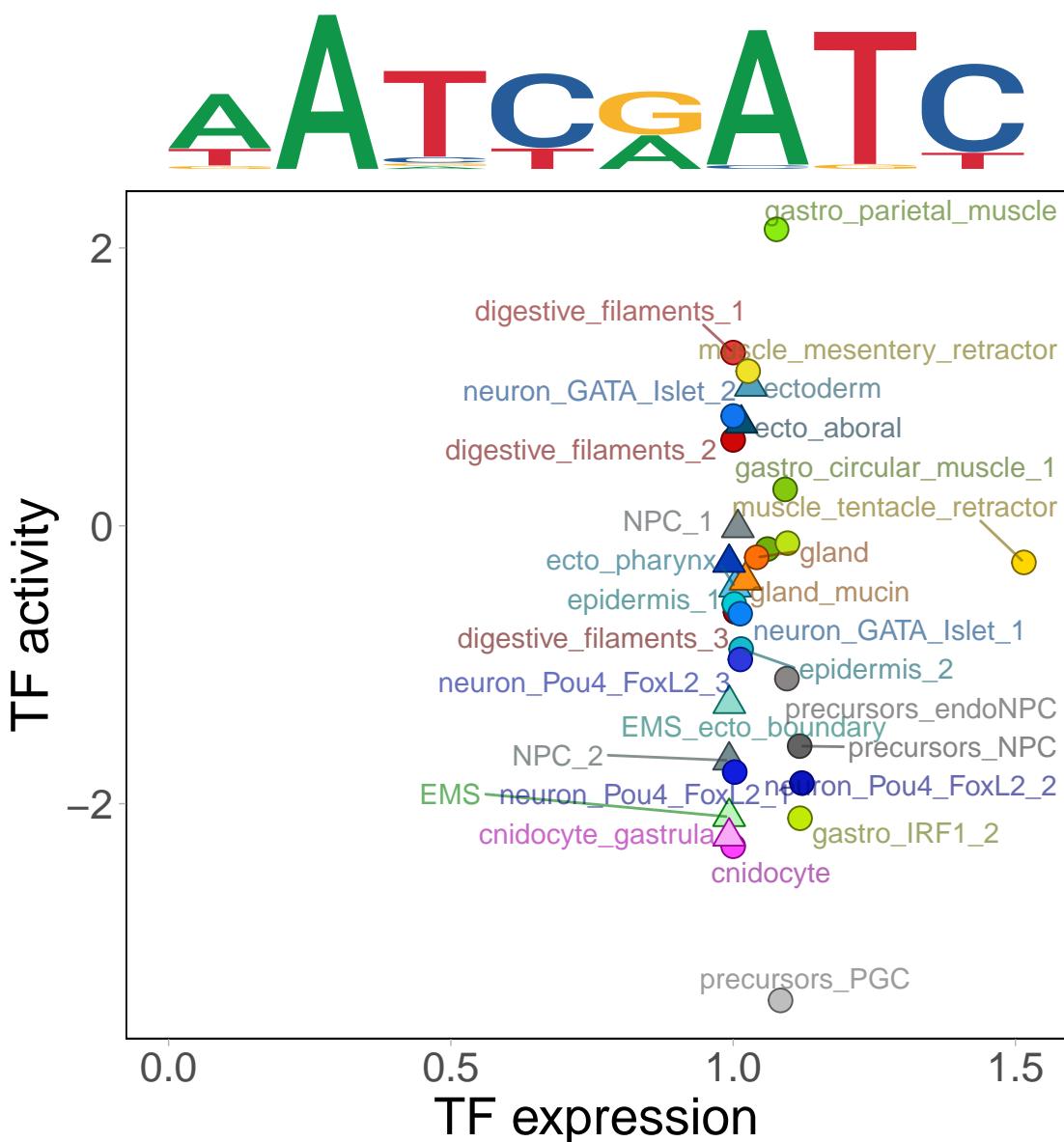
Nvec_vc1.1_XM_032369810.2
OG: ARID_BRIGHT.HG1.7:like:ARID1A
PFAM: ARID/BAF250_C
motif: ARCH64_Arid2_Arid3c/Arid3a/...
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.0284
gene score correlation: 0.5616



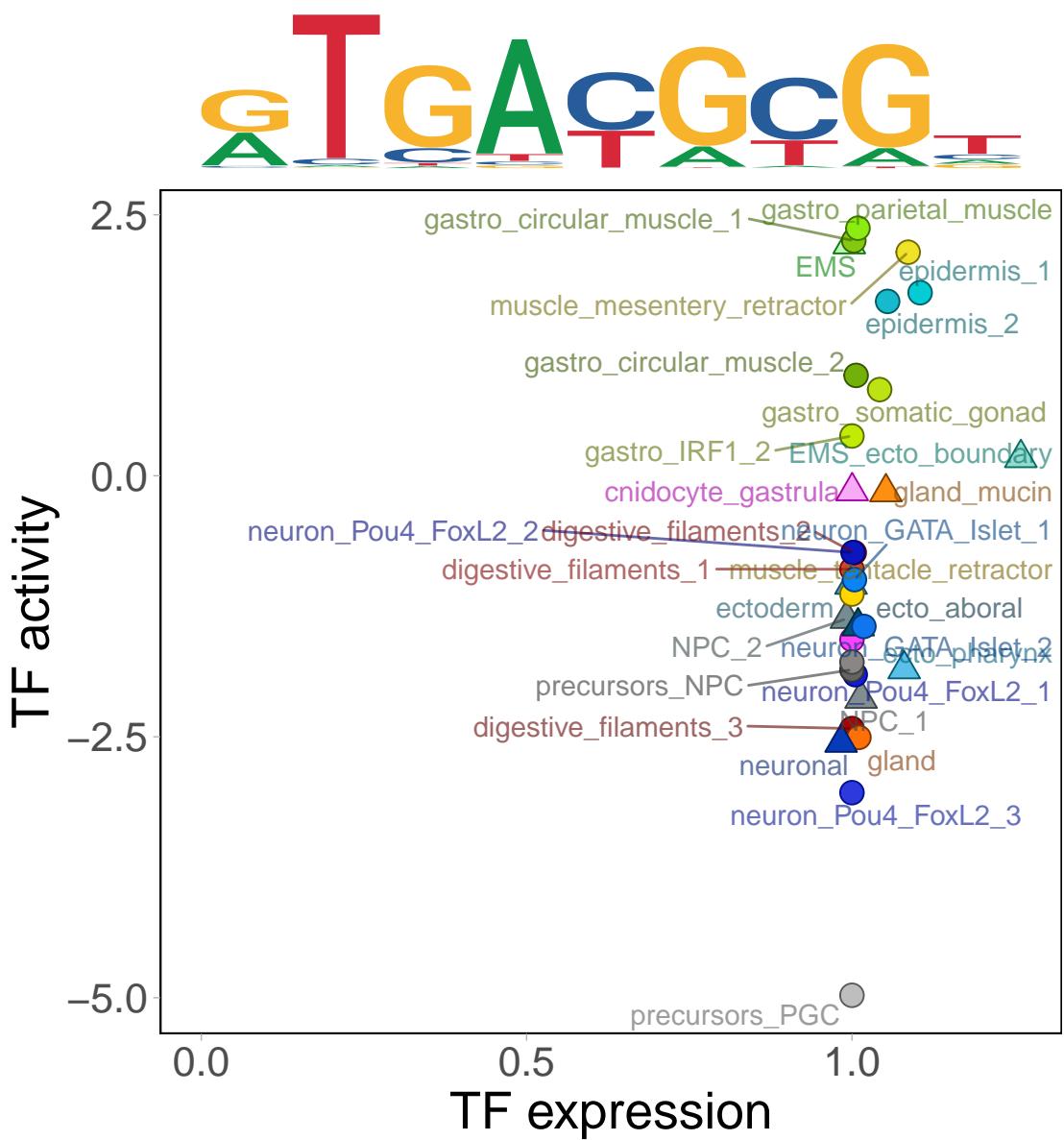
Nvec_vc1.1_XM_032370011.2
OG: Homeodomains.HG1.37:NKX6-1/N
PFAM: Homeodomain
motif: ARCH103_Hnf1a/Hnf1b
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 78
gene expression correlation: 0.3803
gene score correlation: 0.4405



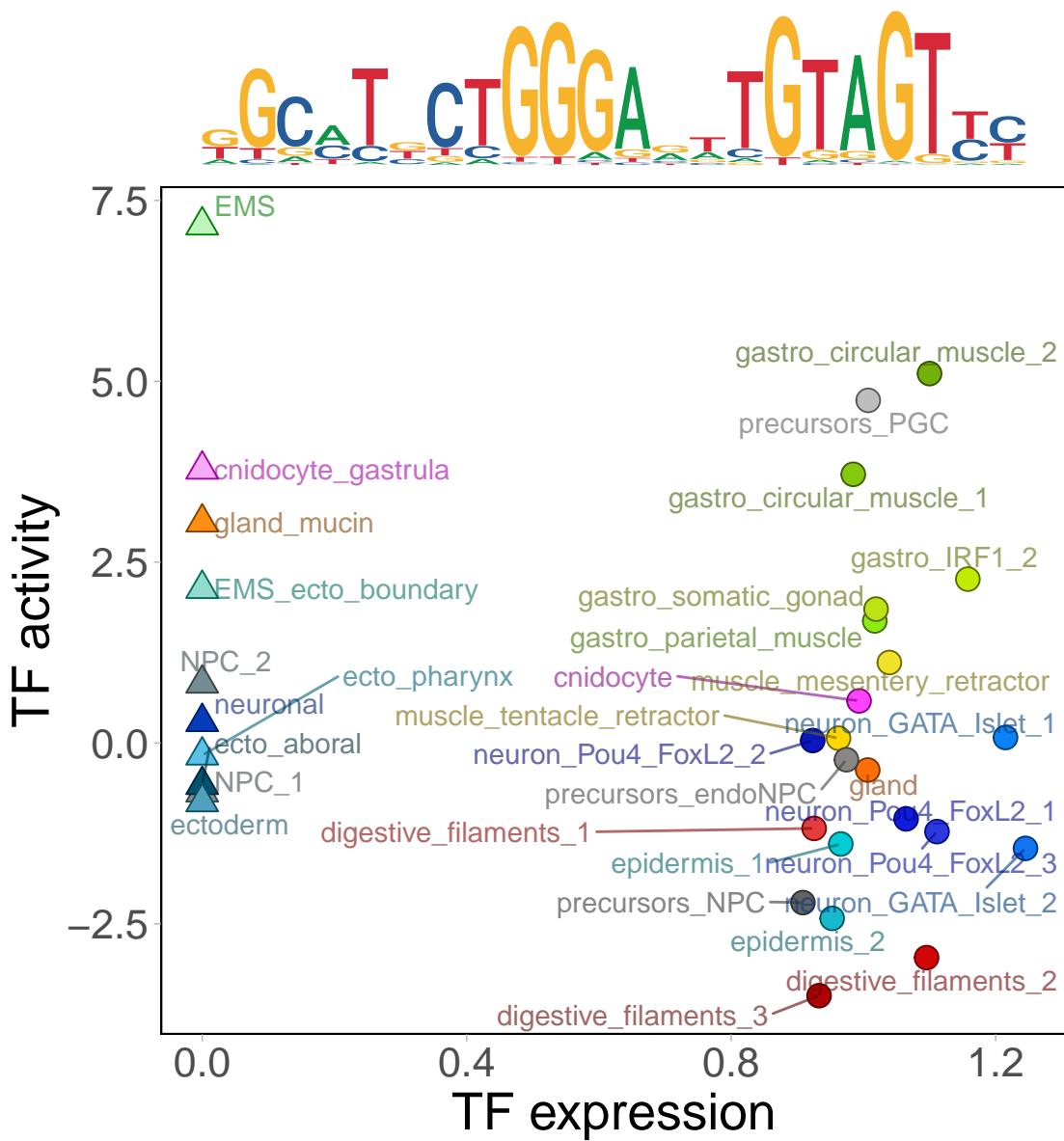
Nvec_vc1.1_XM_032370013.2
OG: Homeodomains.HG1.37:NKX6-1/N
PFAM: Homeodomain
motif: ARCH70_M02142_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 34
gene expression correlation: -0.0110
gene score correlation: 0.2801



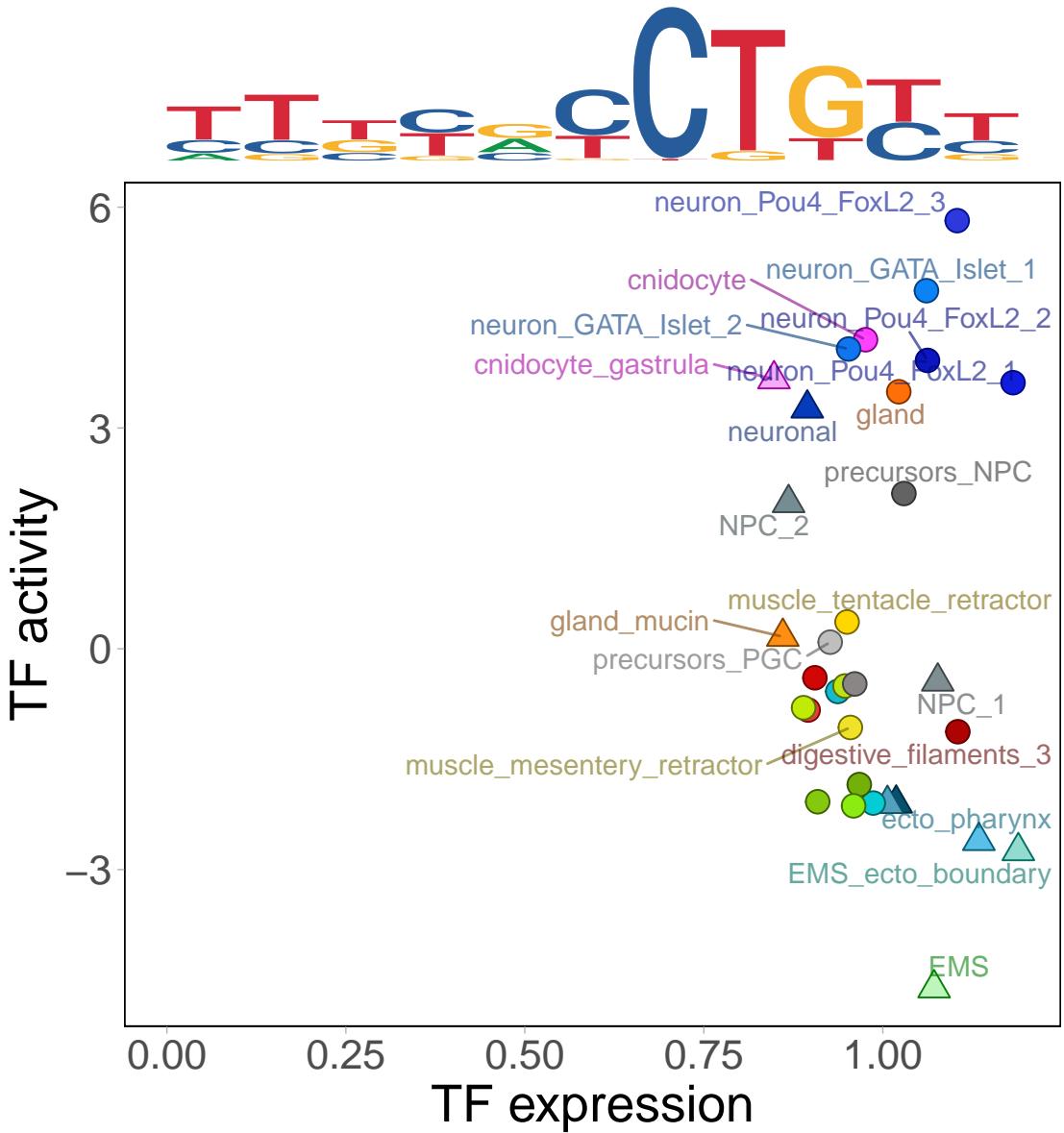
Nvec_vc1.1_XM_032370269.2
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB
PFAM: bZIP_Maf
motif: ARCH1583_Crem/Creb1/Atf1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 16
gene expression correlation: 0.2981
gene score correlation: 0.5605



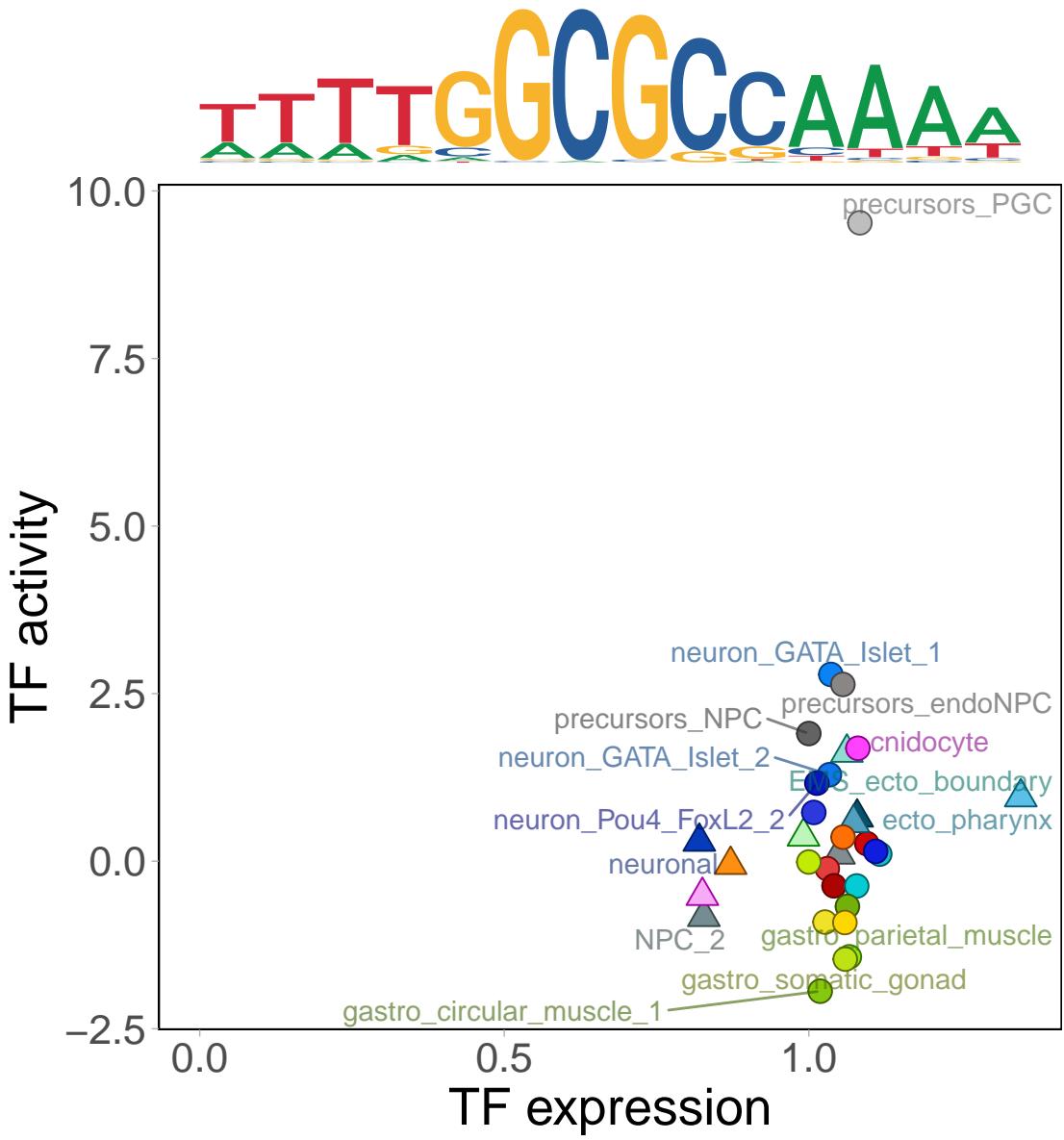
Nvec_vc1.1_XM_032370334.2
OG: THAP_finger.HG1.20:like:THAP11
PFAM: THAP
motif: M09441_2.00
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.2369
gene score correlation: 0.1330



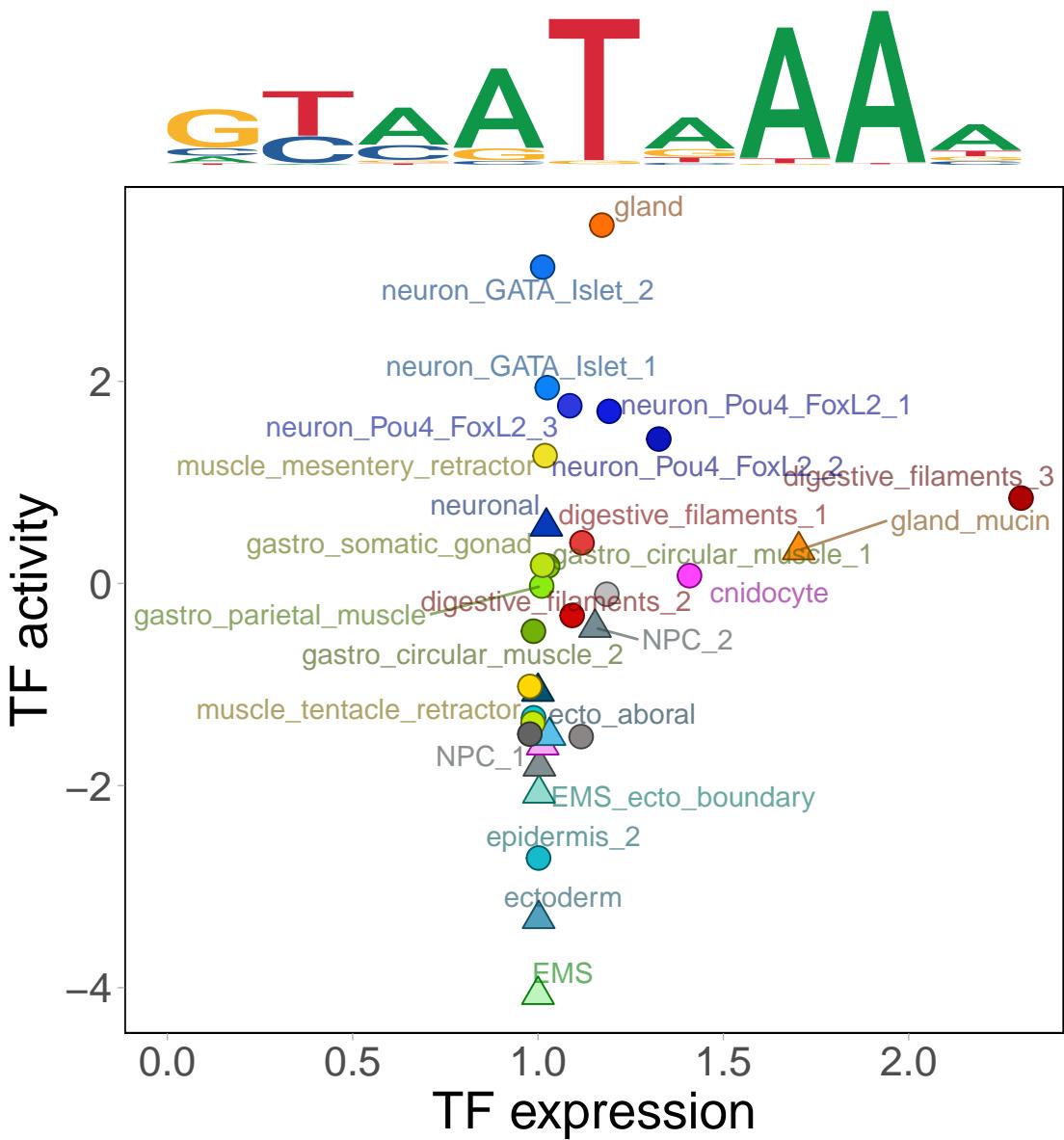
Nvec_vc1.1_XM_032370541.2
OG: SMAD_MH1.HG1.1:SMAD4
PFAM: MH1/MH2
motif: ARCH662_Smad4
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 45
gene expression correlation: -0.0154
gene score correlation: 0.4470



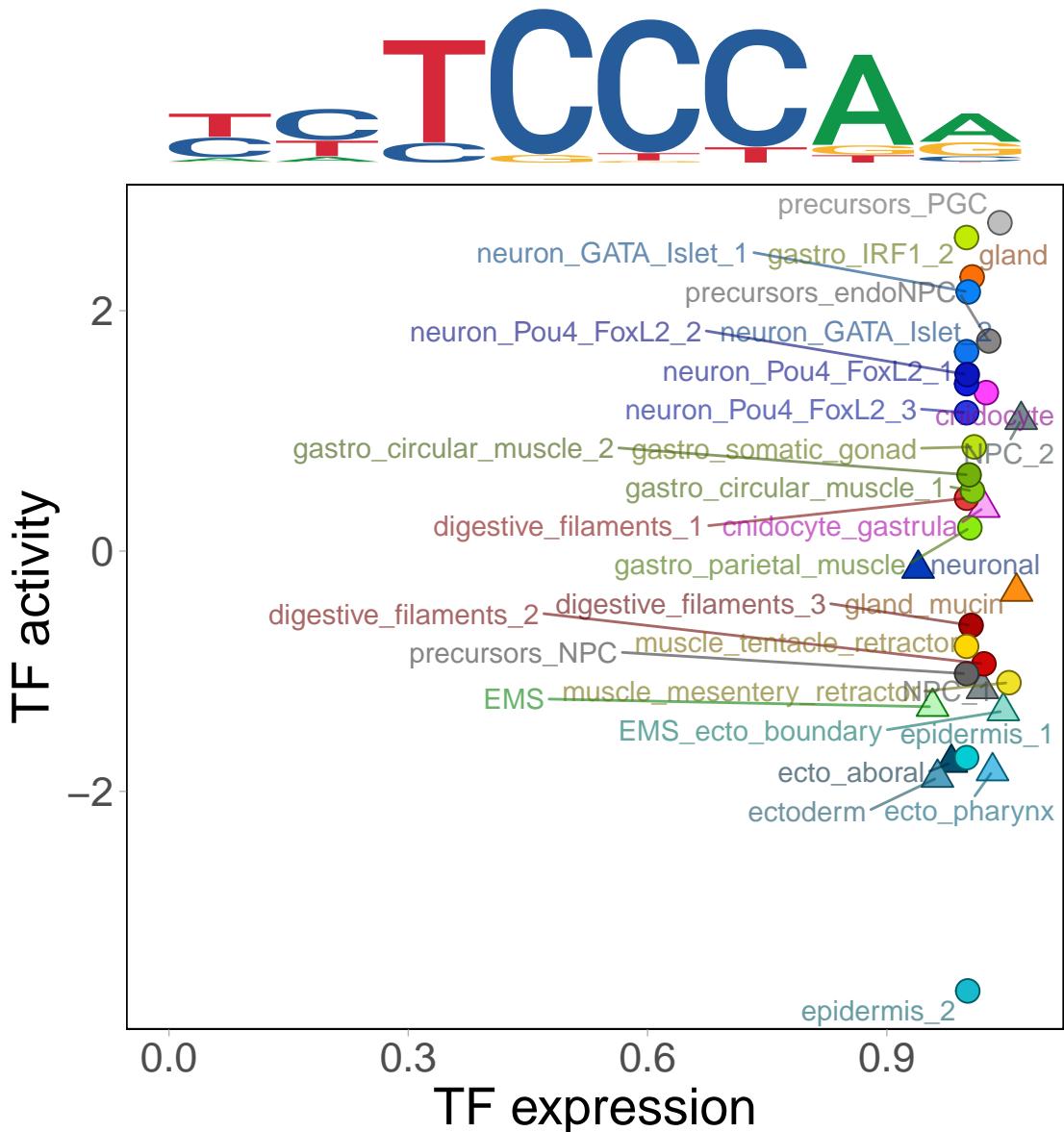
Nvec_vc1.1_XM_032370623.2
OG: E2F_TDP.HG1.0:E2F7/E2F8
PFAM: E2F_TDP/E2F_TDP
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 10
gene expression correlation: 0.1764
gene score correlation: 0.5256



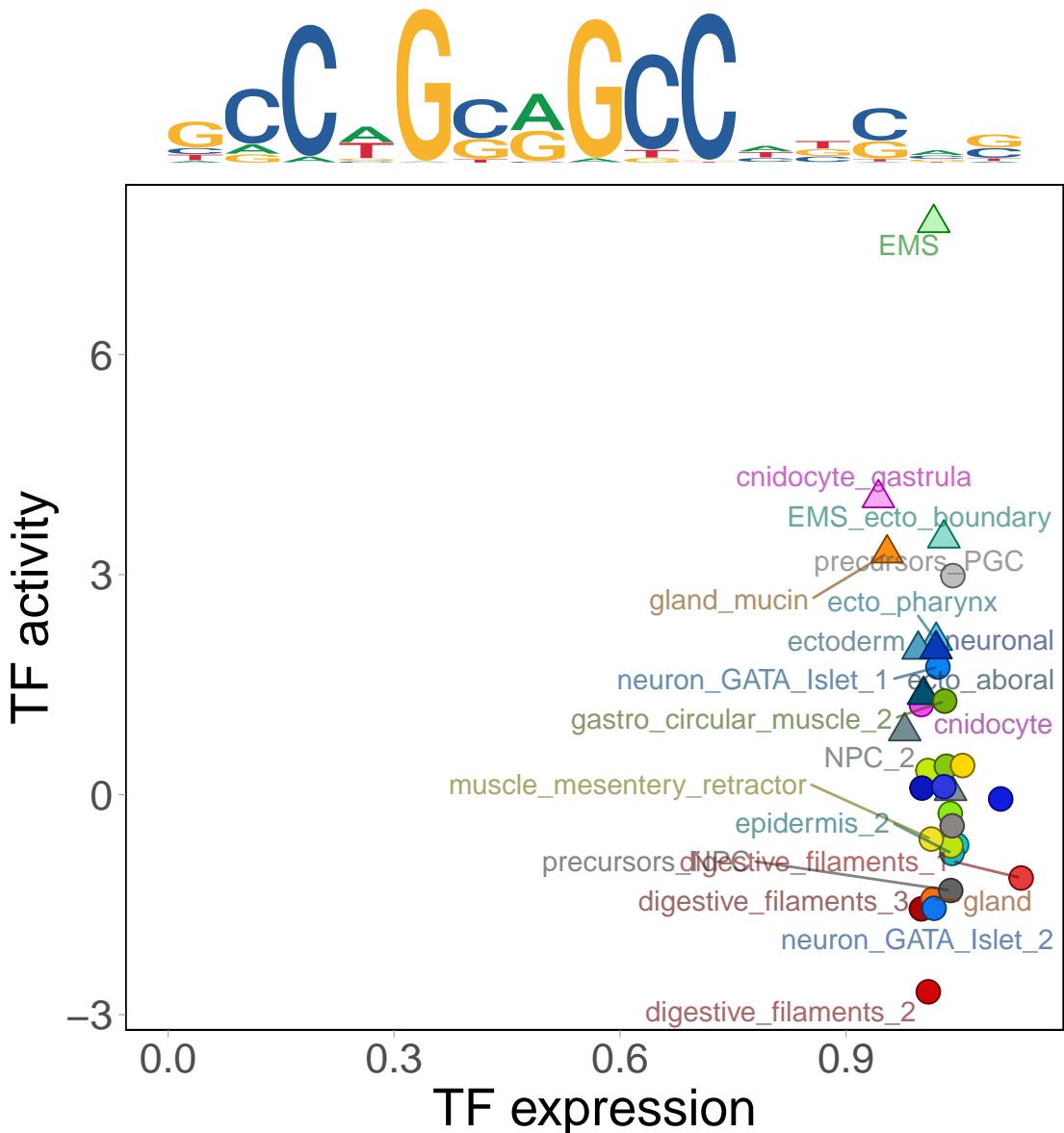
Nvec_vc1.1_XM_032371032.2
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
motif: ARCH1025_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 50
gene expression correlation: 0.2769
gene score correlation: 0.2197



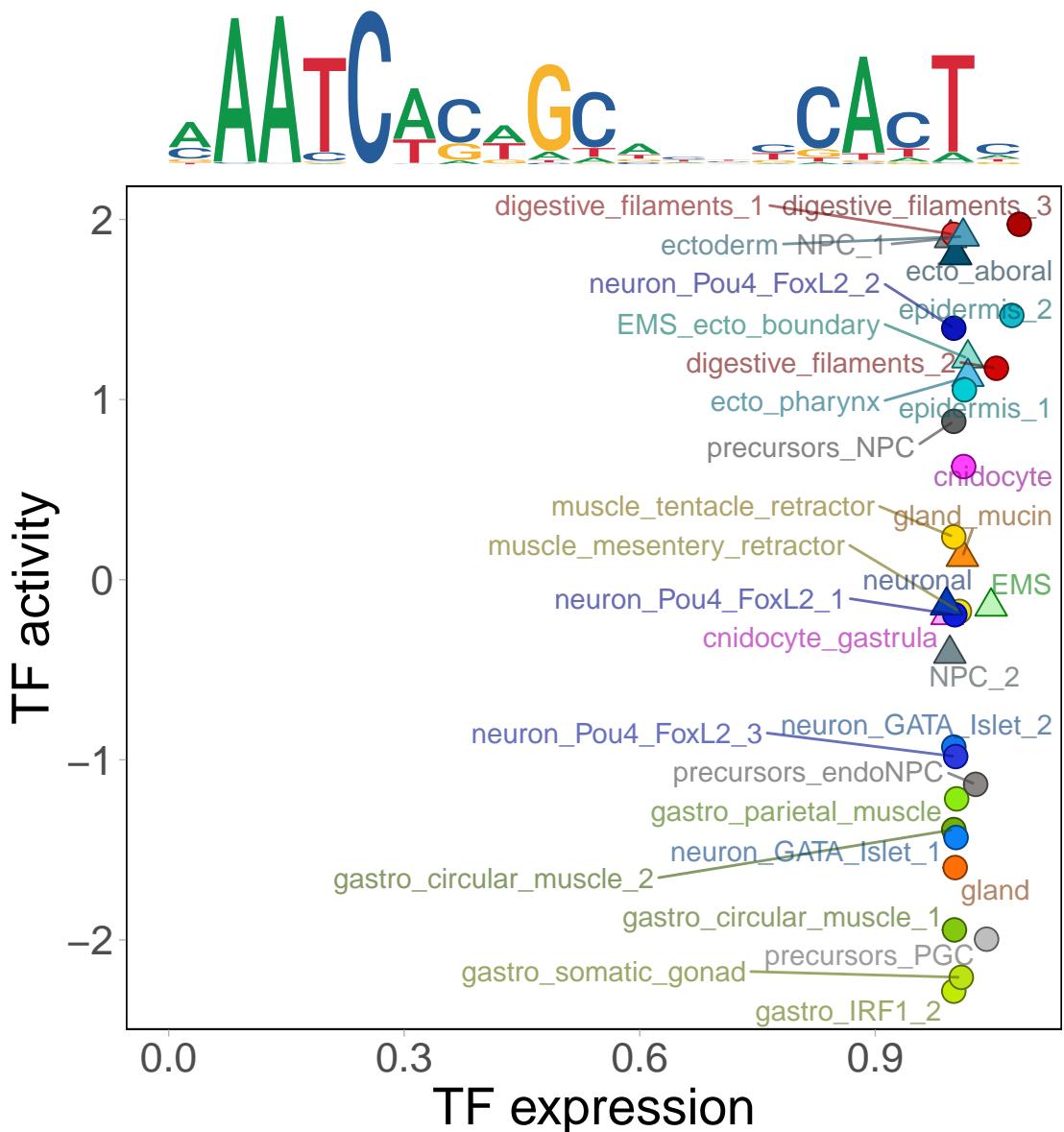
Nvec_vc1.1_XM_032371091.2
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH822_M08939_2.00__M103
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.1500
gene score correlation: 0.3855



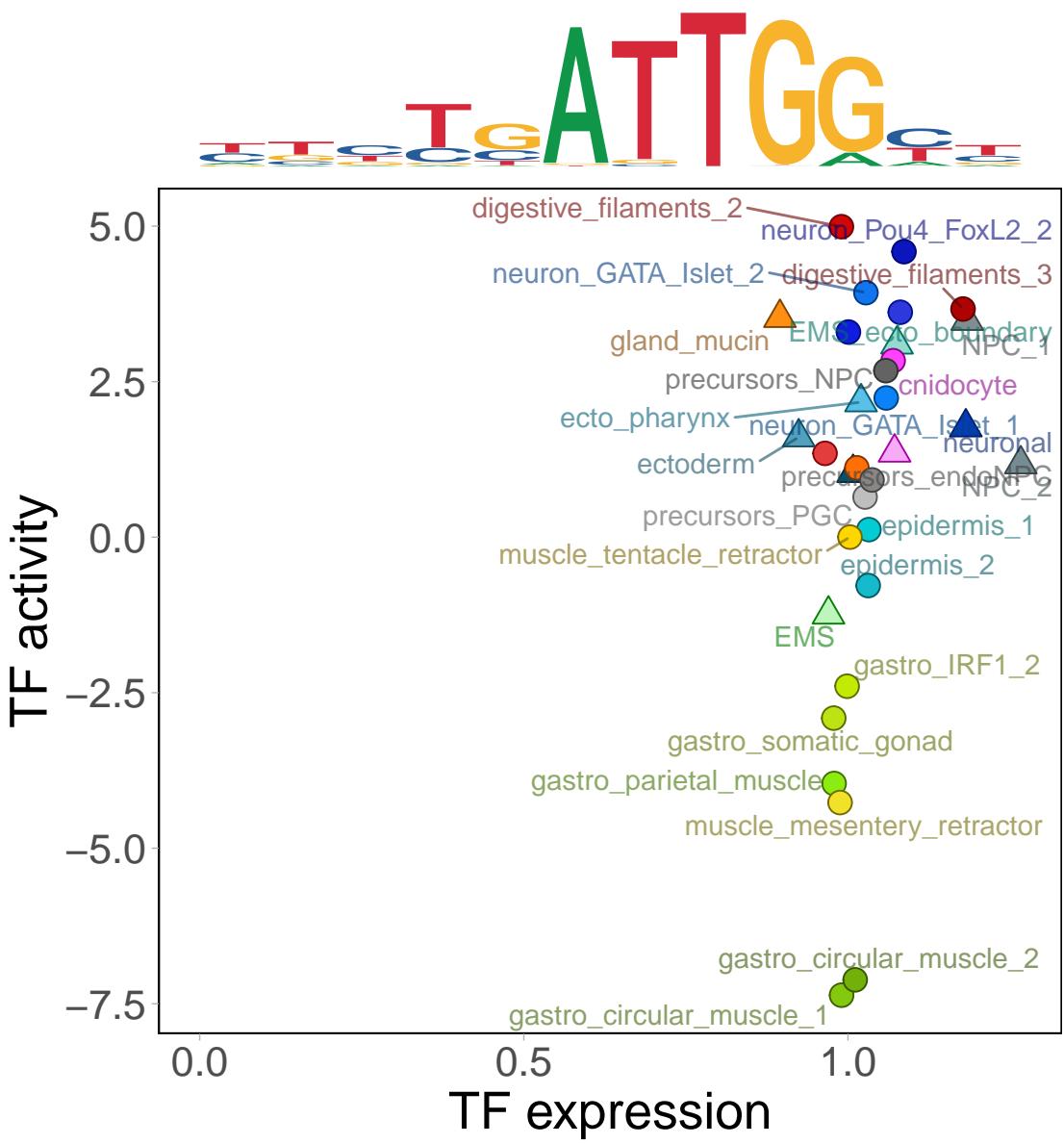
Nvec_vc1.1_XM_032371093.2
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH529_Rslcan18/Gm28557/Z
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 136
gene expression correlation: -0.3416
gene score correlation: -0.1372



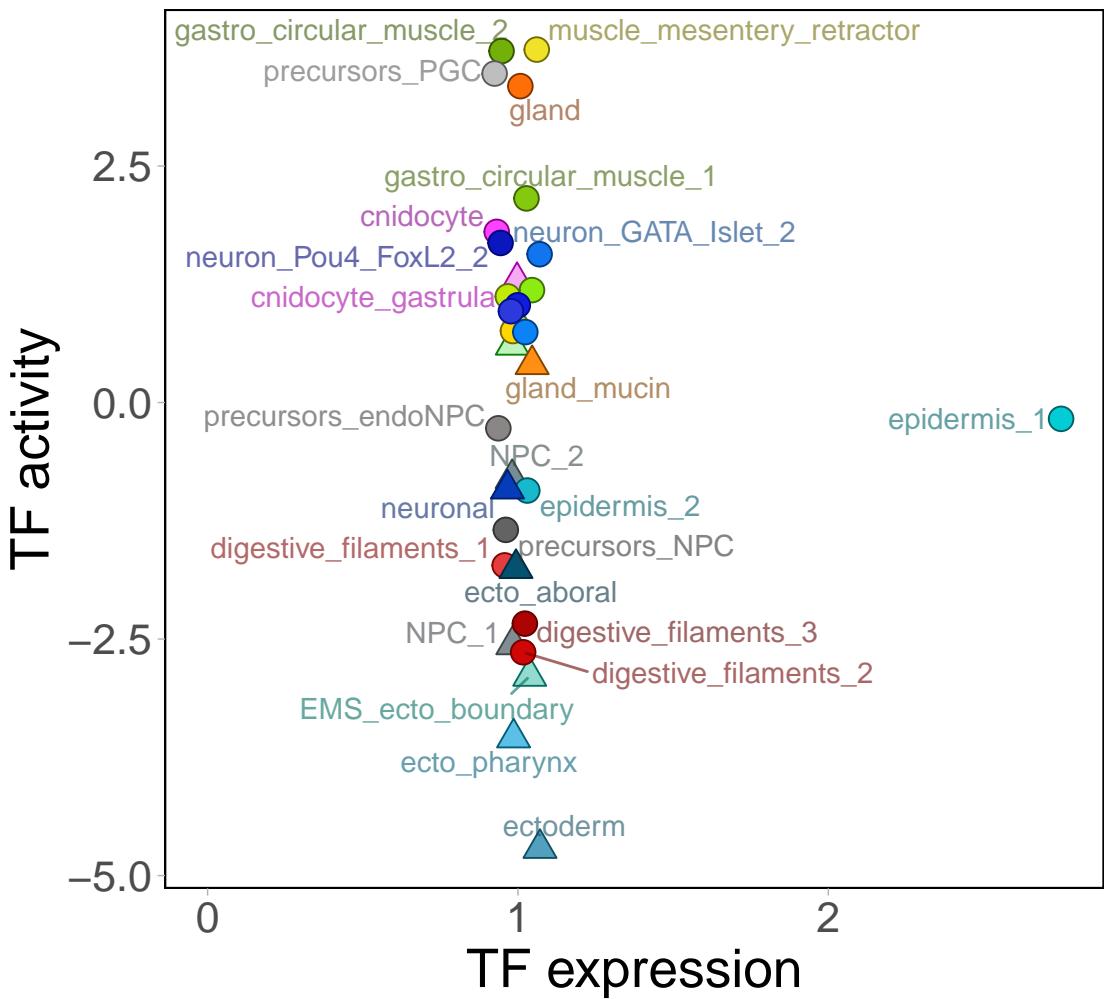
Nvec_vc1.1_XM_032371094.2
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 510
gene expression correlation: 0.2689
gene score correlation: -0.1772



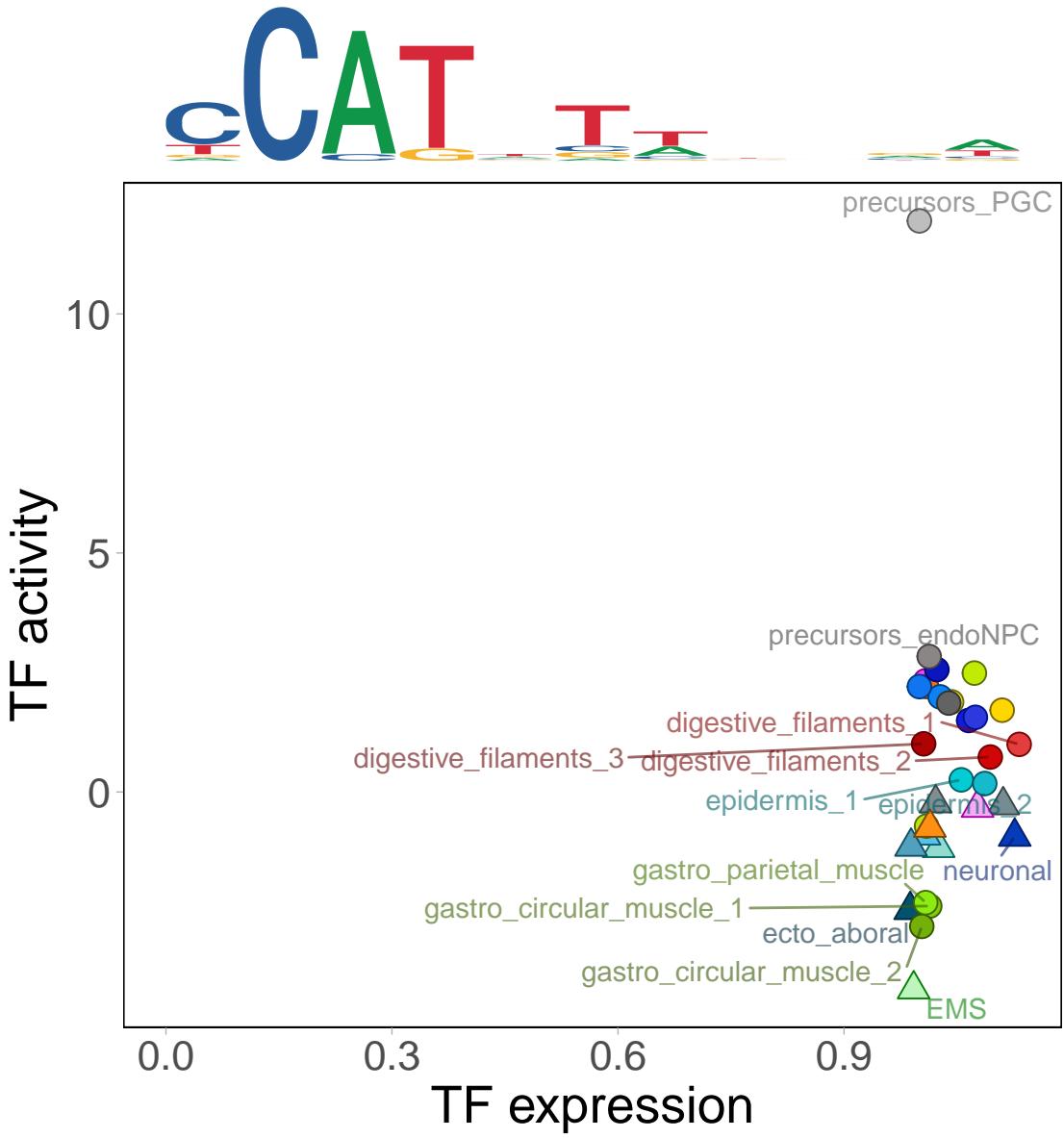
Nvec_vc1.1_XM_032371469.2
OG: Homeodomains.HG3.4:SATB1/SAT
PFAM: CSTF1_dimer/CUT
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 6
gene expression correlation: 0.3087
gene score correlation: 0.5525



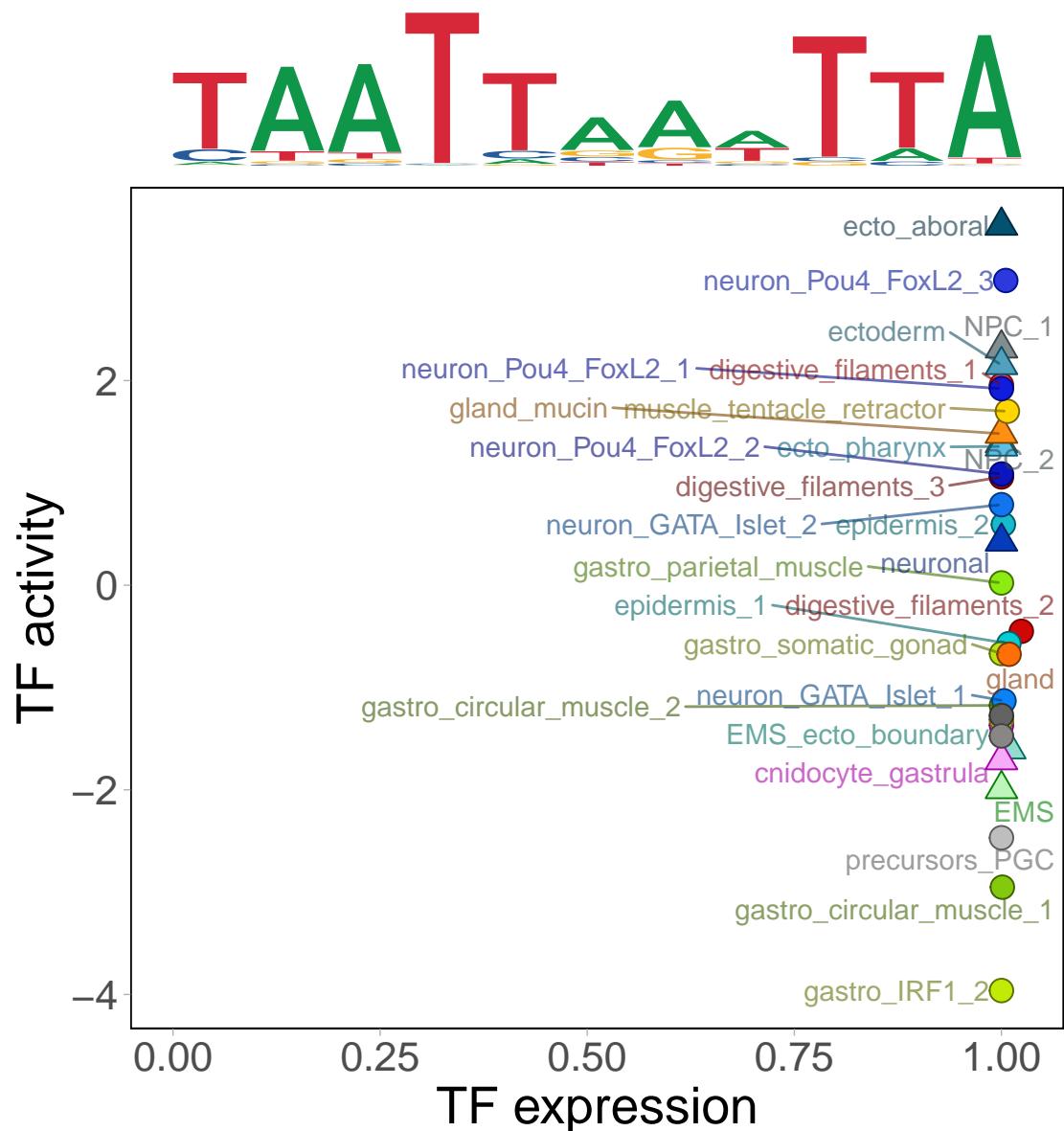
Nvec_vc1.1_XM_032371744.2
OG: Doublesex_DM.HG1.12:DMRTA1/D
PFAM: DM/DMA
motif: Nvec_vc1.1_XM_032371744.2_D
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.0491
gene score correlation: 0.0514



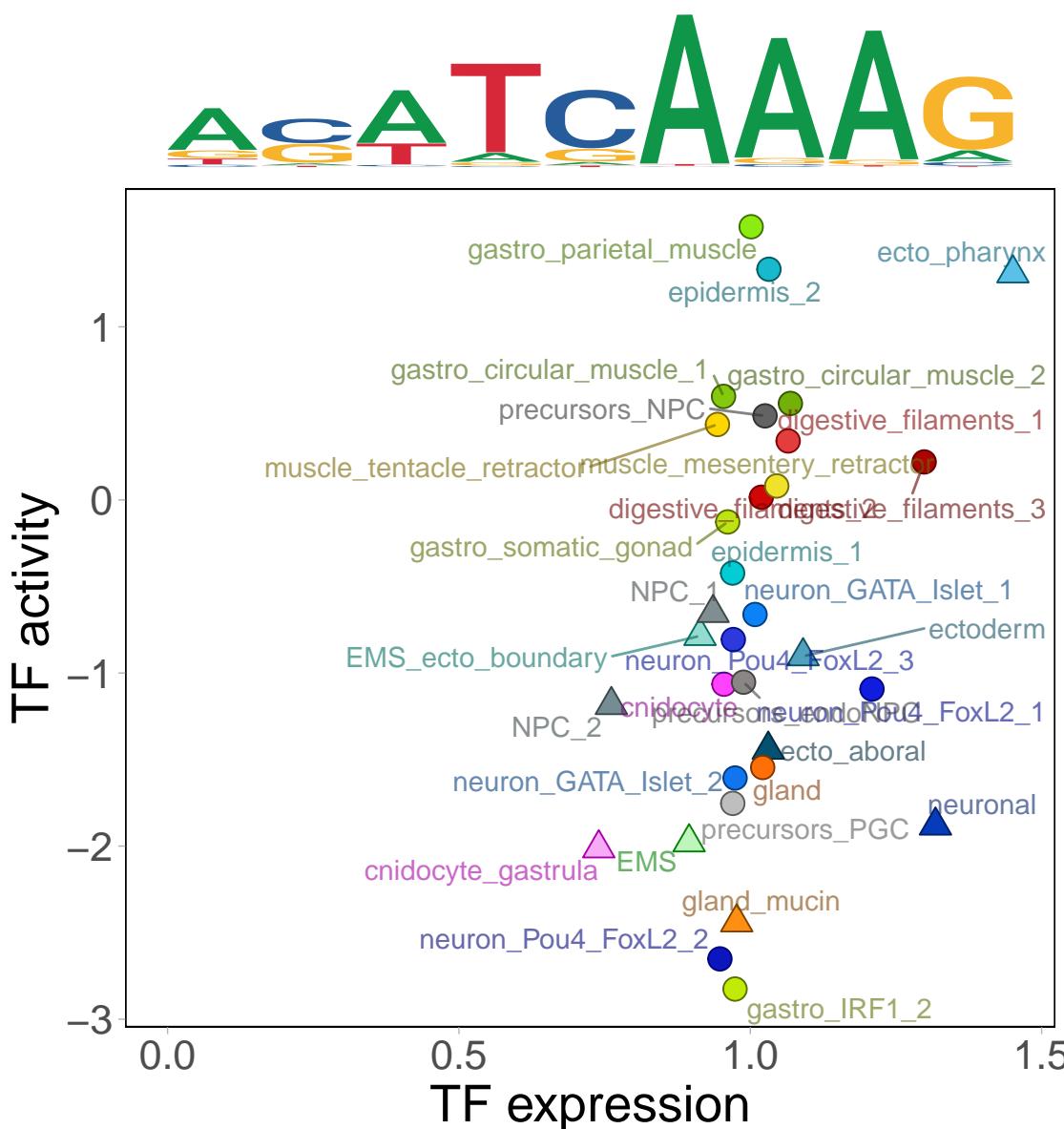
Nvec_vc1.1_XM_032371845.2
OG: zf-C2H2.HG1.212:like:AC008758.1
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1311_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 19
gene expression correlation: 0.0484
gene score correlation: 0.3397



Nvec_vc1.1_XM_032371859.2
OG: Homeodomains.HG1.56:like:EN1/E
PFAM: Homeodomain
motif: ARCH233_Alx3/AIx4/AIx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 40
gene expression correlation: -0.0561
gene score correlation: 0.0787

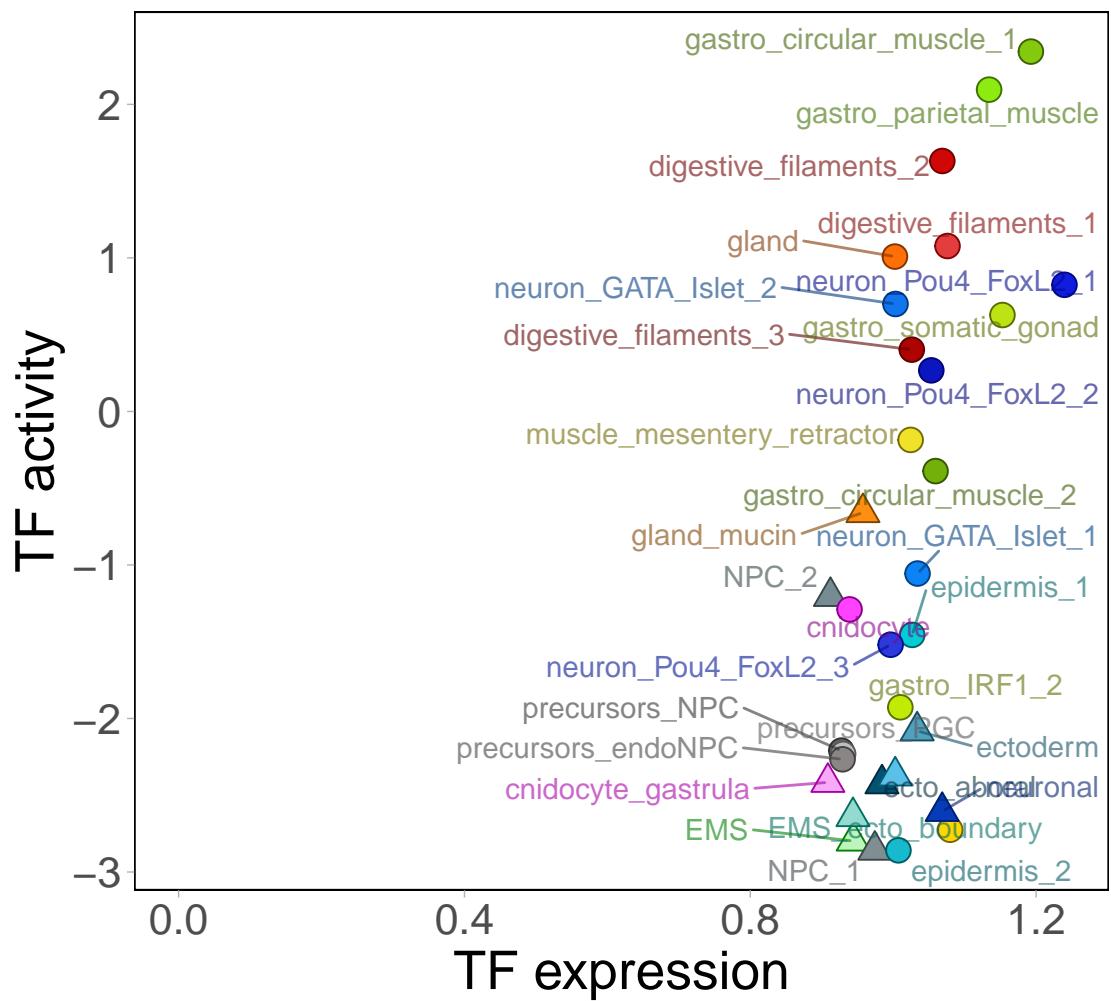


Nvec_vc1.1_XM_032371996.2
OG: HMGbox_Sox.HG1.53:LEF1/TCF7L1
PFAM: HMG_box
motif: ARCH1158_Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.3268
gene score correlation: 0.3853

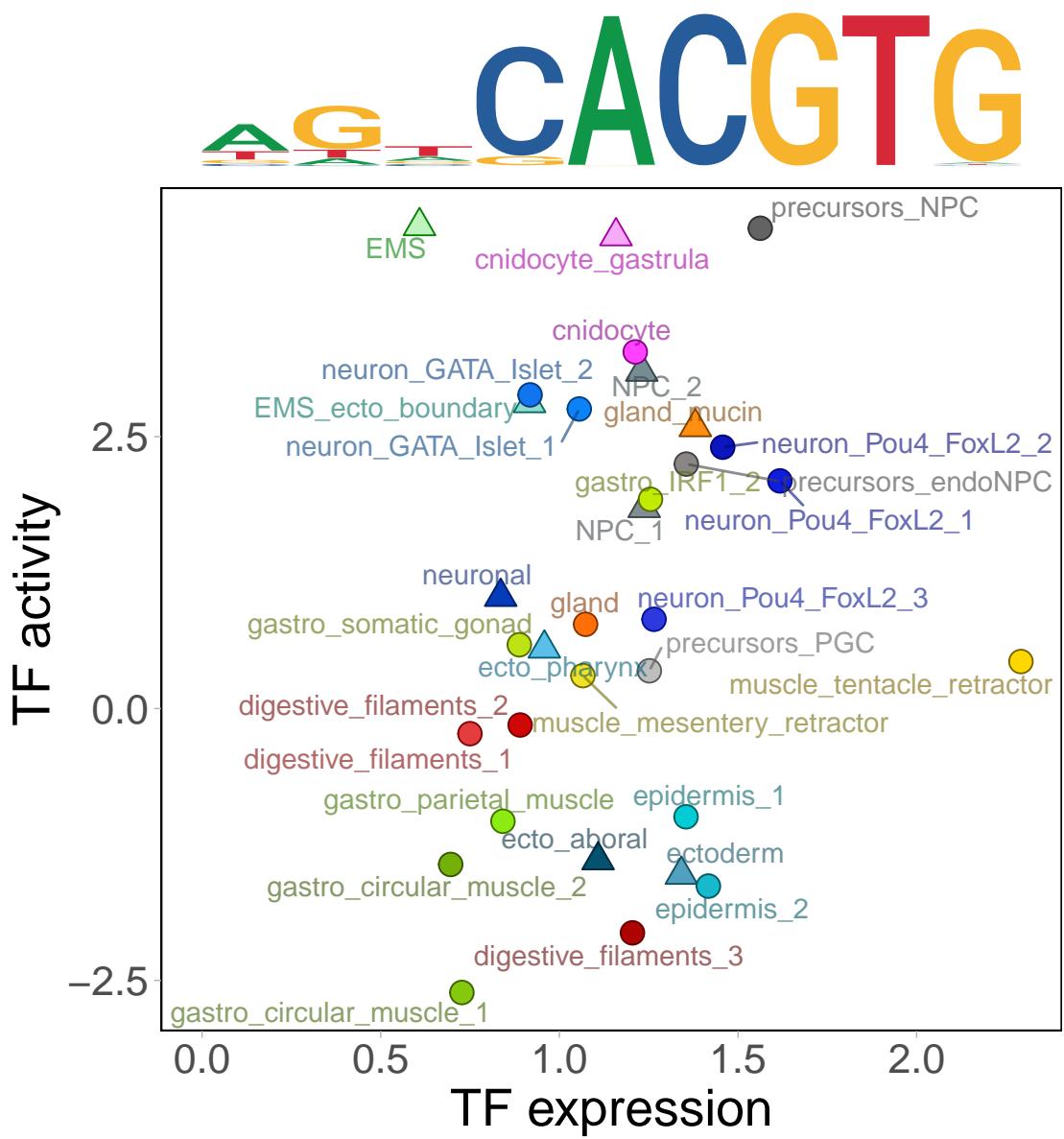


Nvec_vc1.1_XM_032372025.2
OG: HLH.HG1.0:AC019117.4/AHR/AHF
PFAM: HLH/PAS/PAS_11
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 581
gene expression correlation: 0.6449
gene score correlation: 0.2099

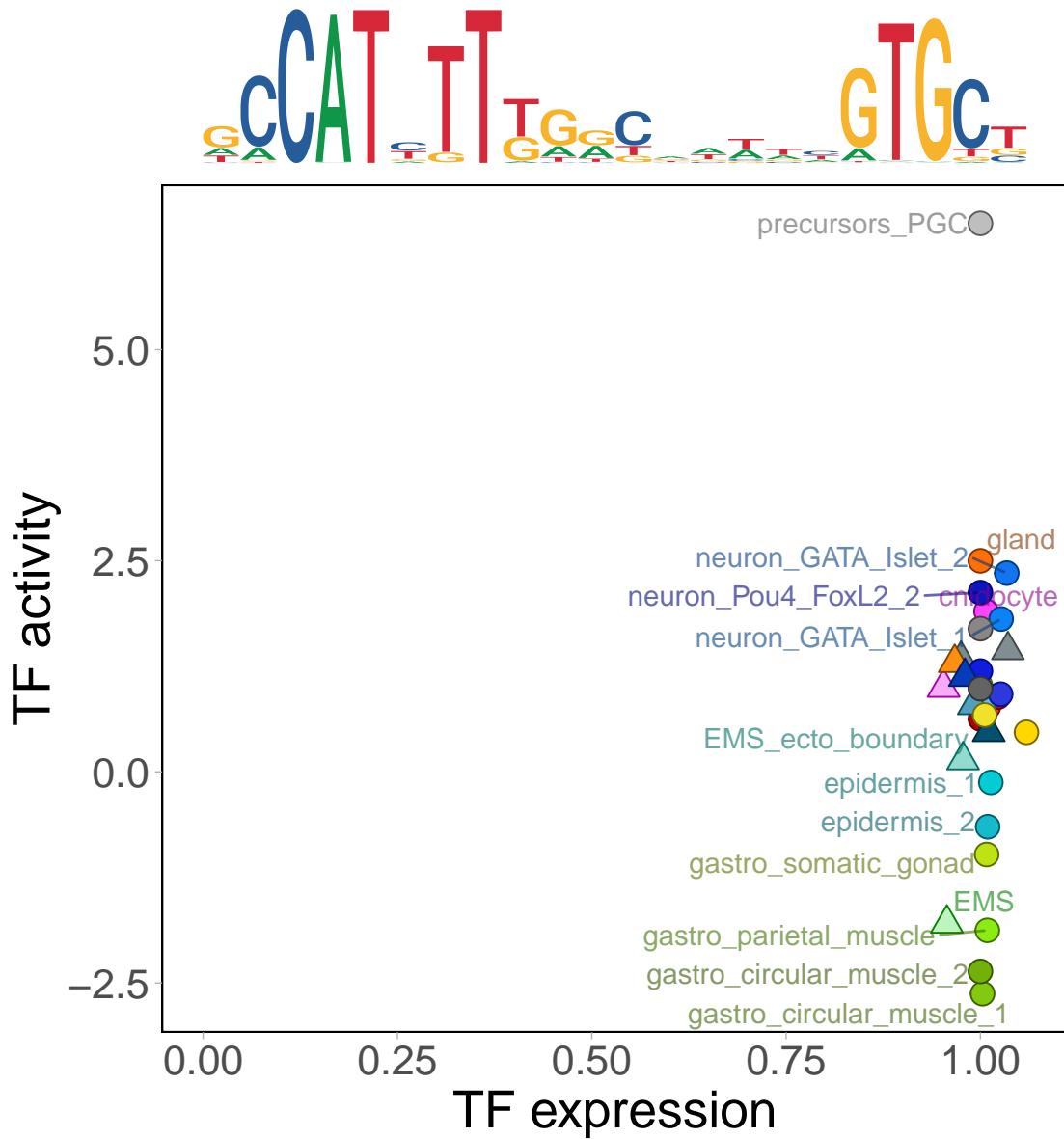
CAA_GTTG



Nvec_vc1.1_XM_032372114.2
OG: bZIP.HG1.8:ATF4/ATF5
PFAM: bZIP_1
motif: ARCH944_M04019_2.00_bHLH
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 32
gene expression correlation: 0.1223
gene score correlation: 0.4640



Nvec_vc1.1_XM_032372258.2
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1255_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.0892
gene score correlation: 0.2646



Nvec_vc1.1_XM_032372575.2

OG: Myb.HG2.2:NA

PFAM: MADF_DNA_bdg

motif: ARCH511_MYB88

TF family: Myb

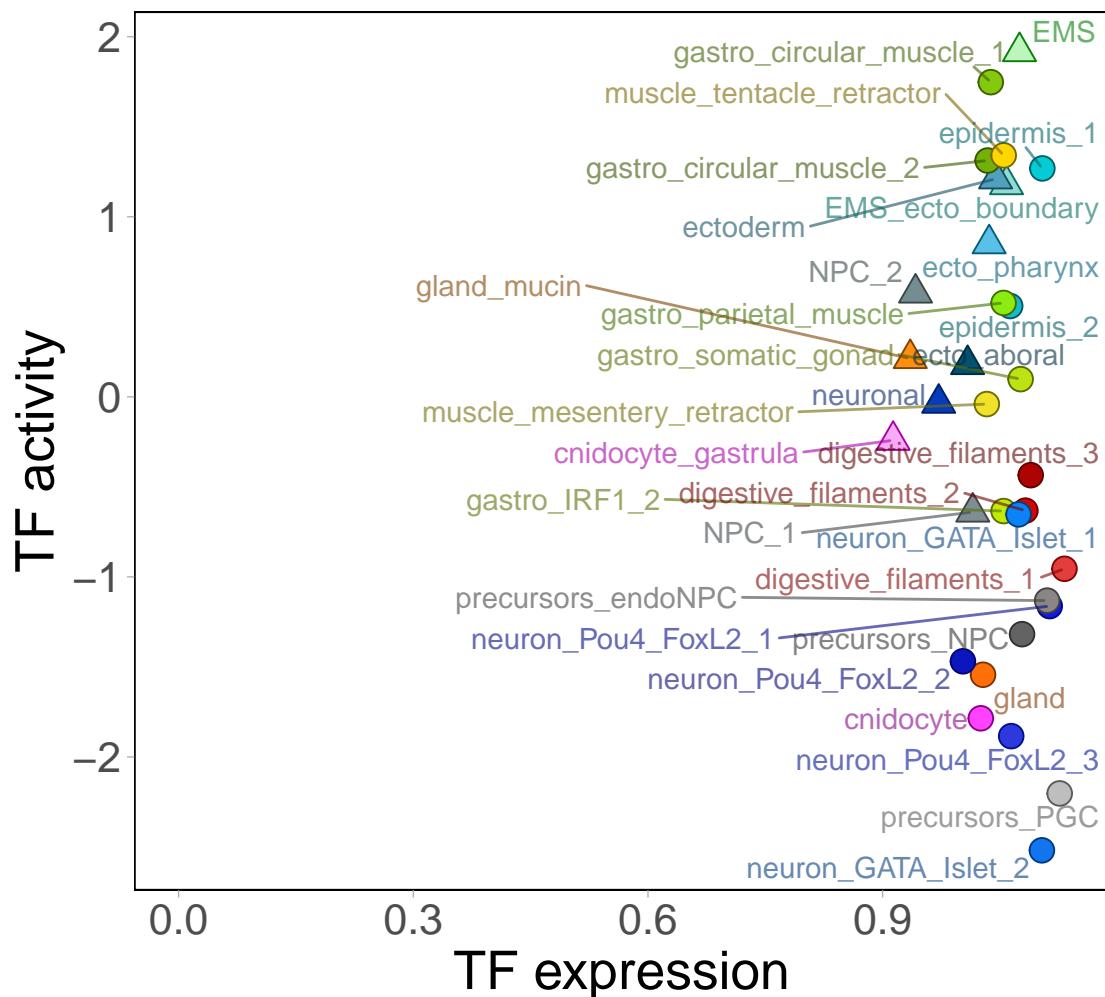
archetype family: Myb

CisBP assigned: FALSE

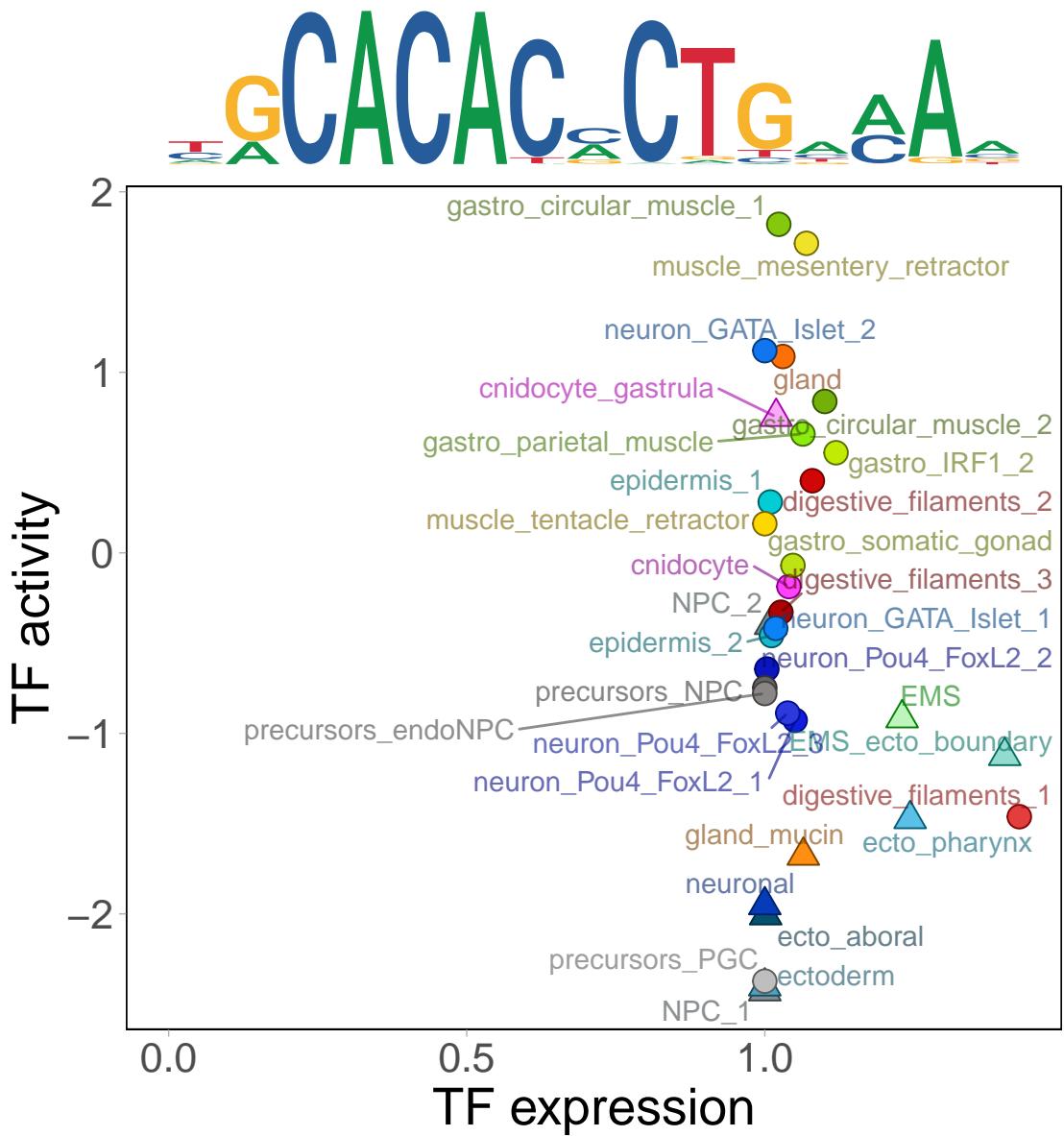
rank: 21

gene expression correlation: -0.2307

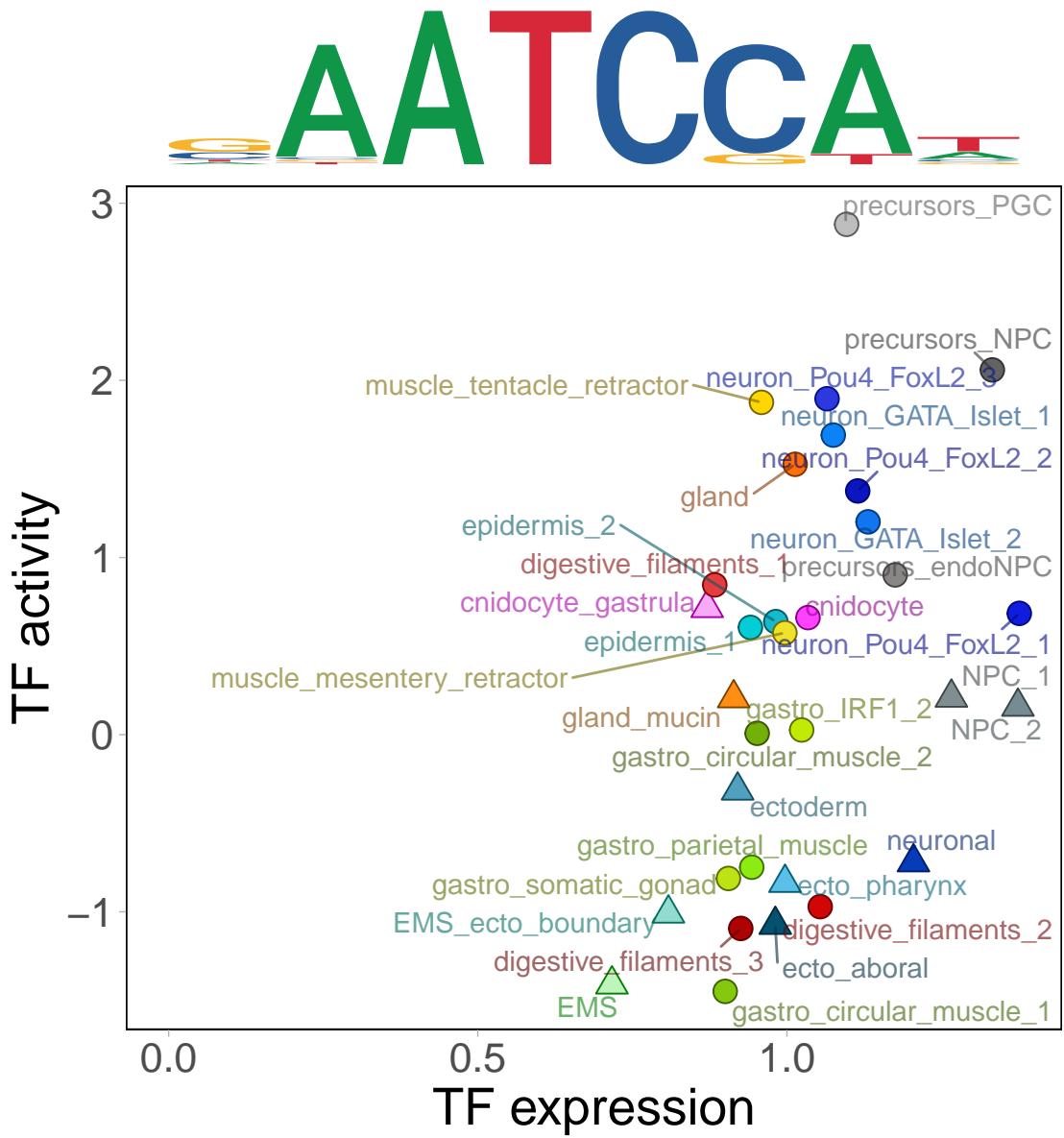
gene score correlation: 0.3184



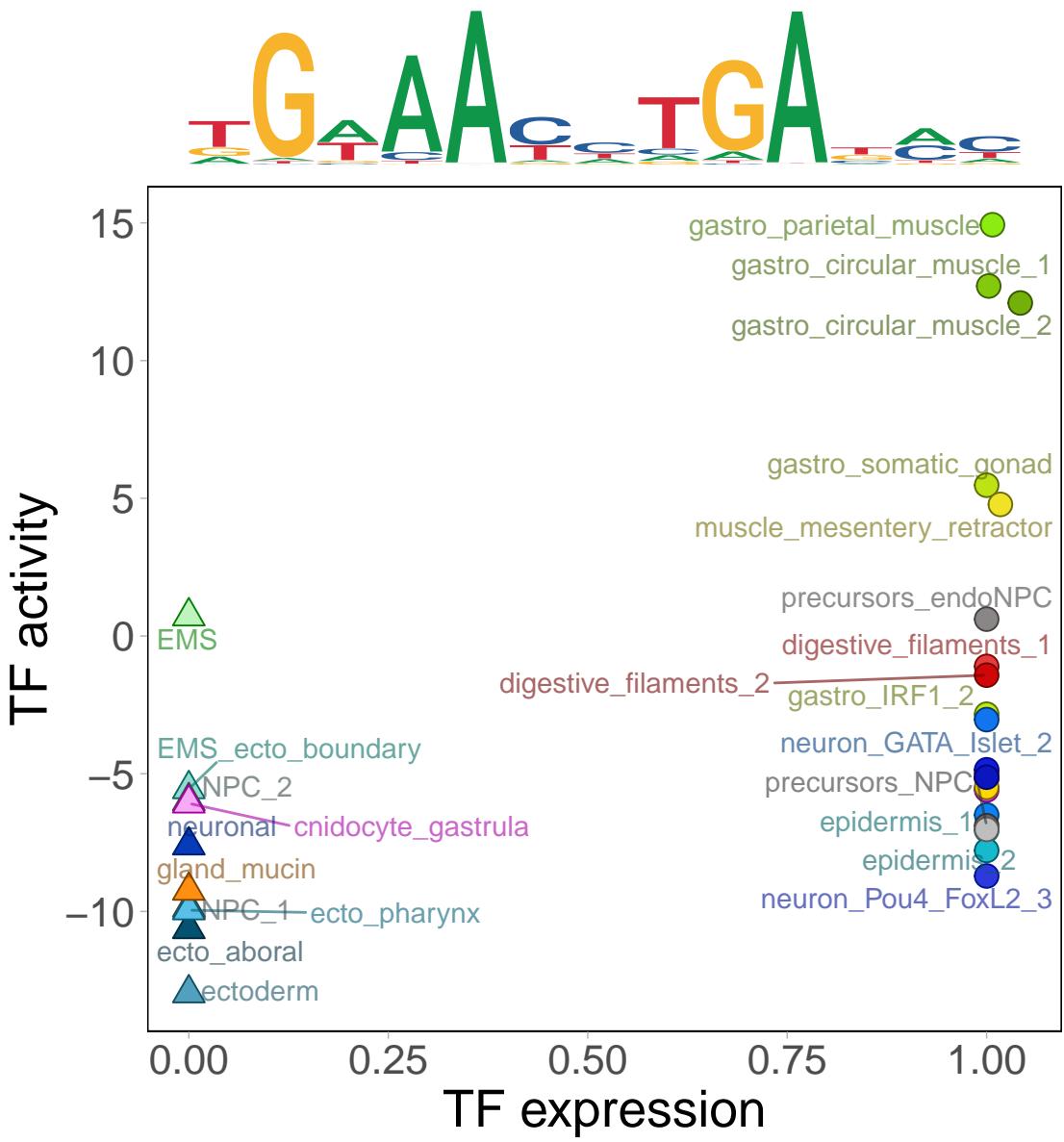
Nvec_vc1.1_XM_032372867.2
OG: zf-C2H2.HG1.49:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1368_M04483_2.00__M04
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 85
gene expression correlation: -0.1233
gene score correlation: 0.0838



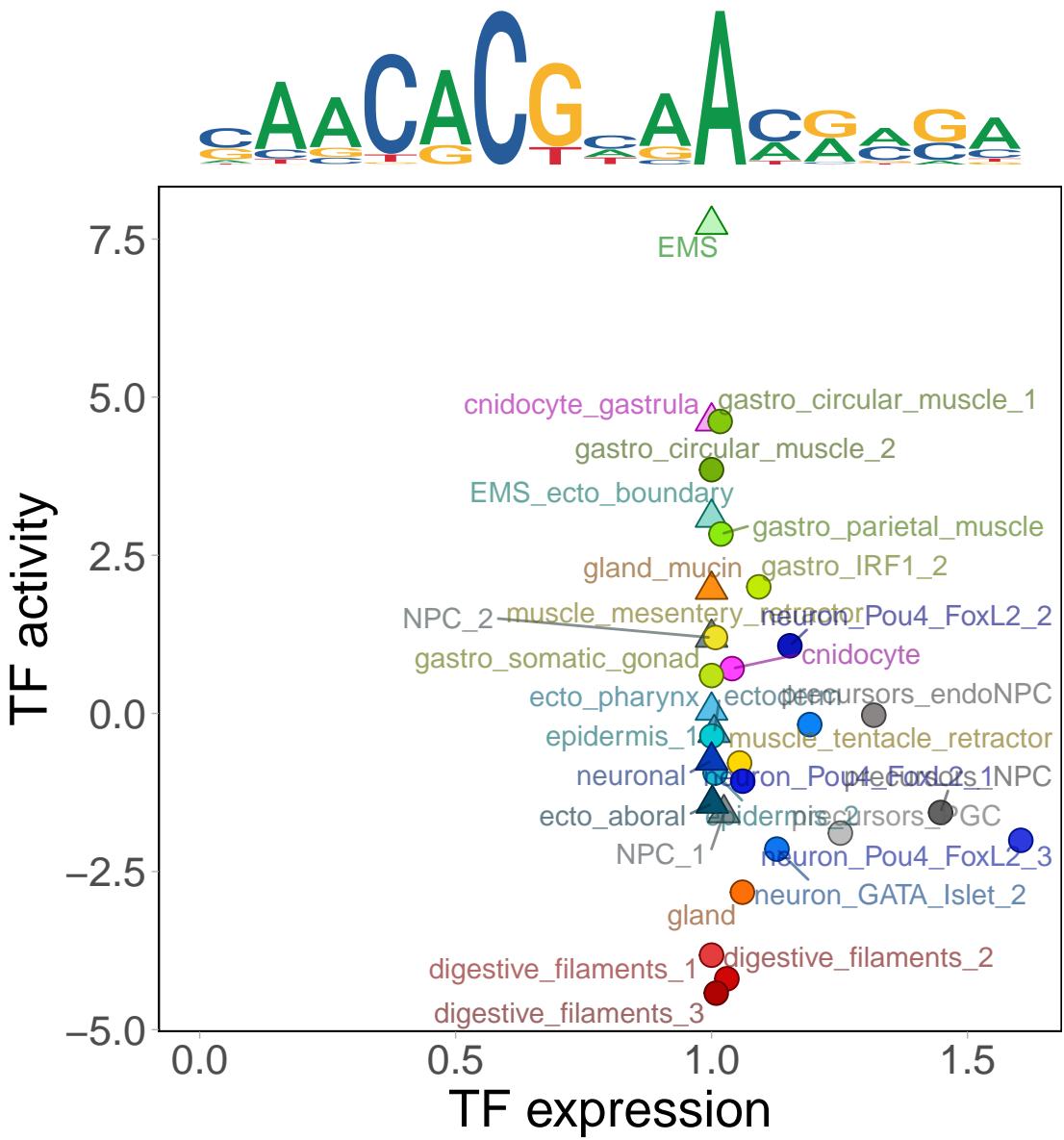
Nvec_vc1.1_XM_032372883.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCC
PFAM: ELM2/Myb_DNA-binding
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 791
gene expression correlation: 0.4091
gene score correlation: 0.3962



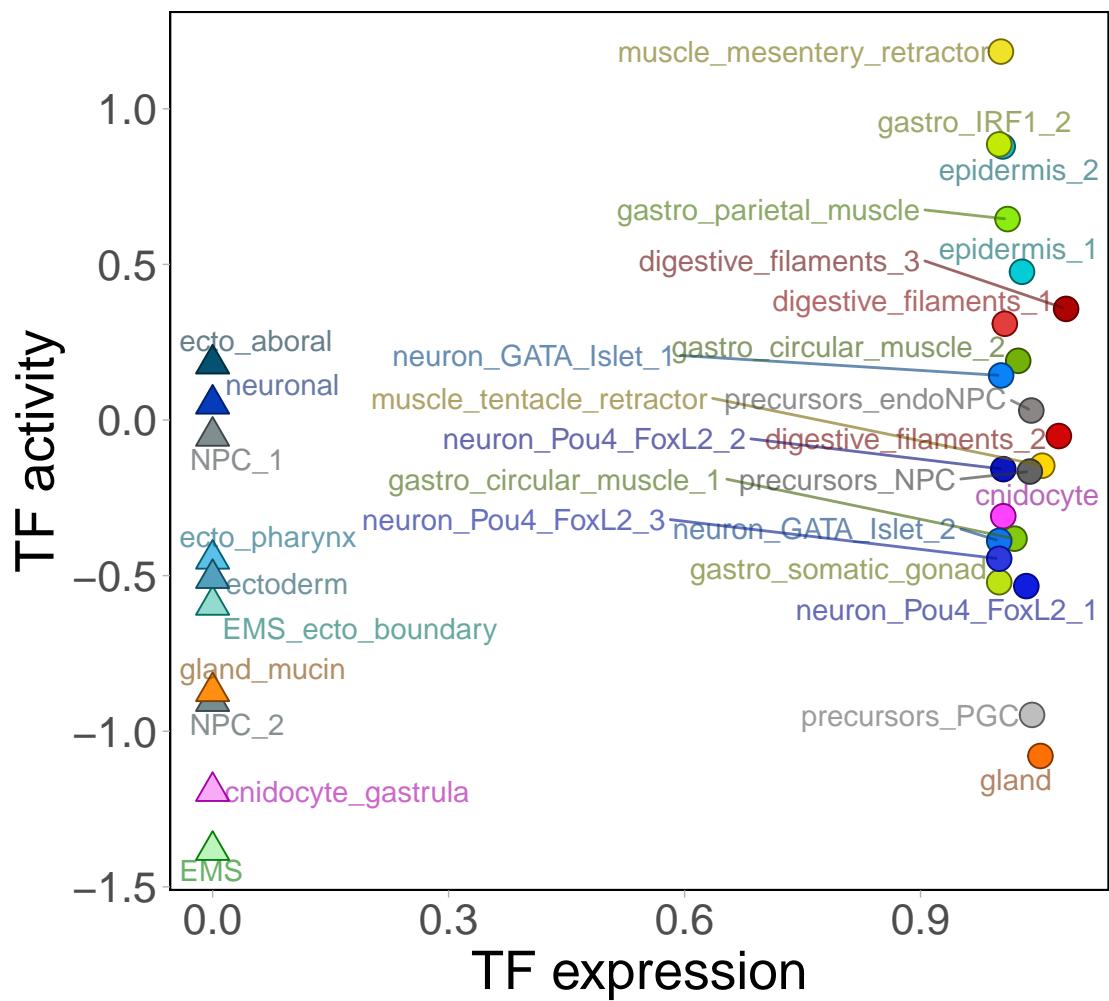
Nvec_vc1.1_XM_032372904.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.4381
gene score correlation: 0.7158



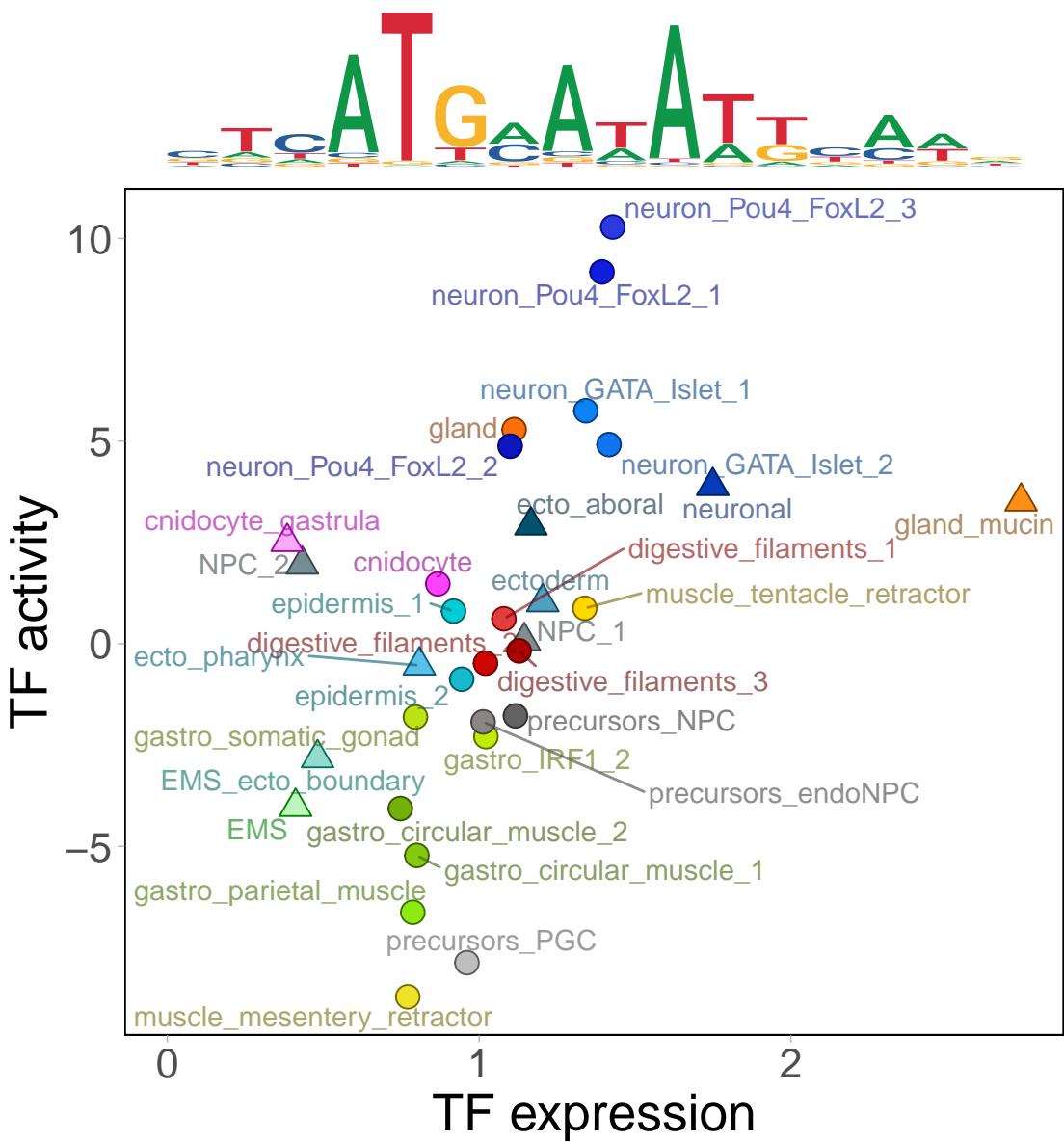
Nvec_vc1.1_XM_032373020.2
OG: zf-C2H2.HG23.0:ZNF34
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: Fezf2_250224_dimont
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.2578
gene score correlation: -0.2525



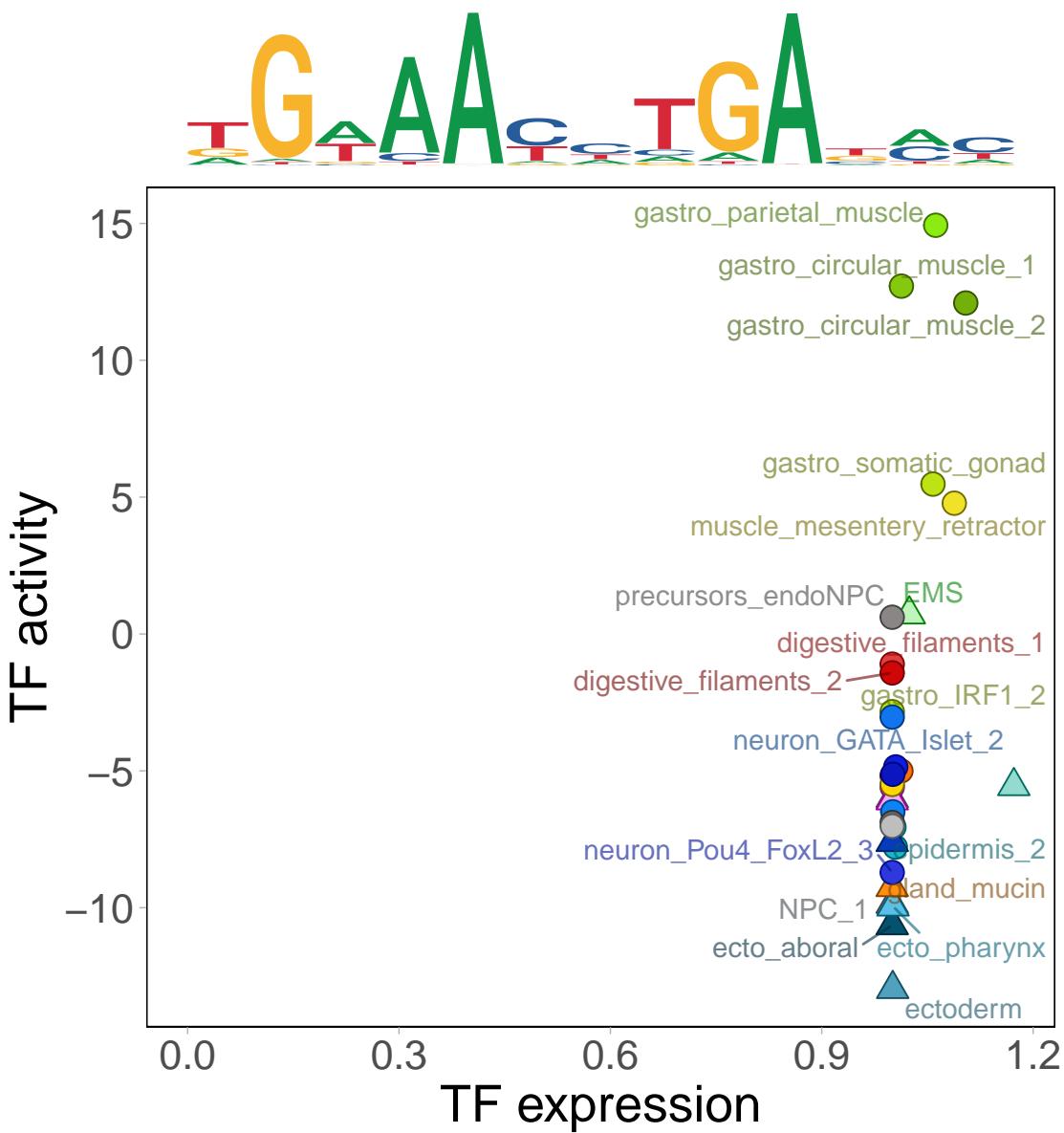
Nvec_vc1.1_XM_032373062.2
OG: HMGbox_Sox.HG1.14:like:SOX1/S
PFAM: HMG_box
motif: ARCH142_/Sox4/Sox11_Sox13/S
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 72
gene expression correlation: 0.4255
gene score correlation: 0.1270



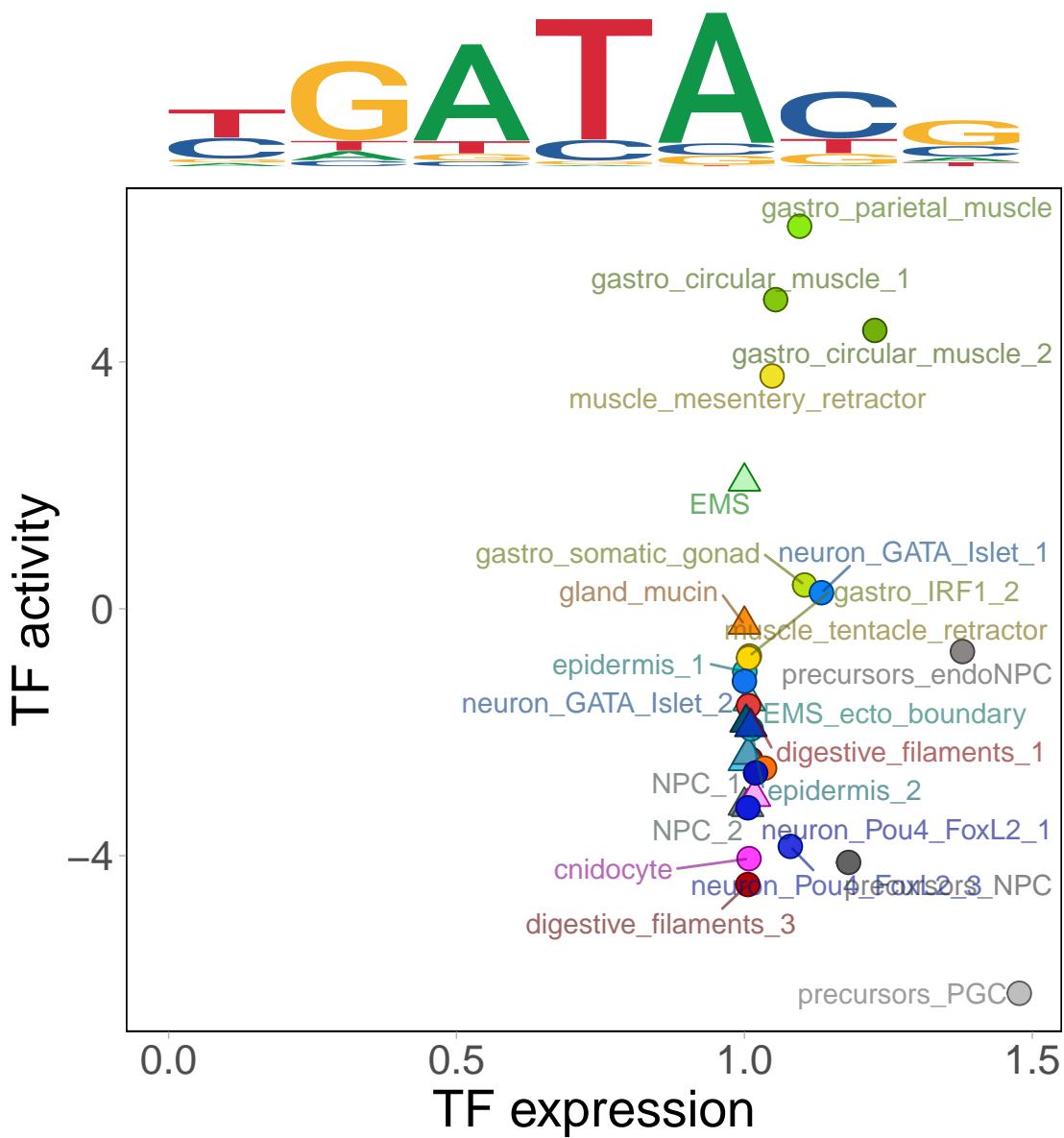
Nvec_vc1.1_XM_032373099.2
OG: Homeodomains.HG4.10:POU3F1/R
PFAM: Pou/Homeodomain
motif: M09227_2.00
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.4864
gene score correlation: 0.5923



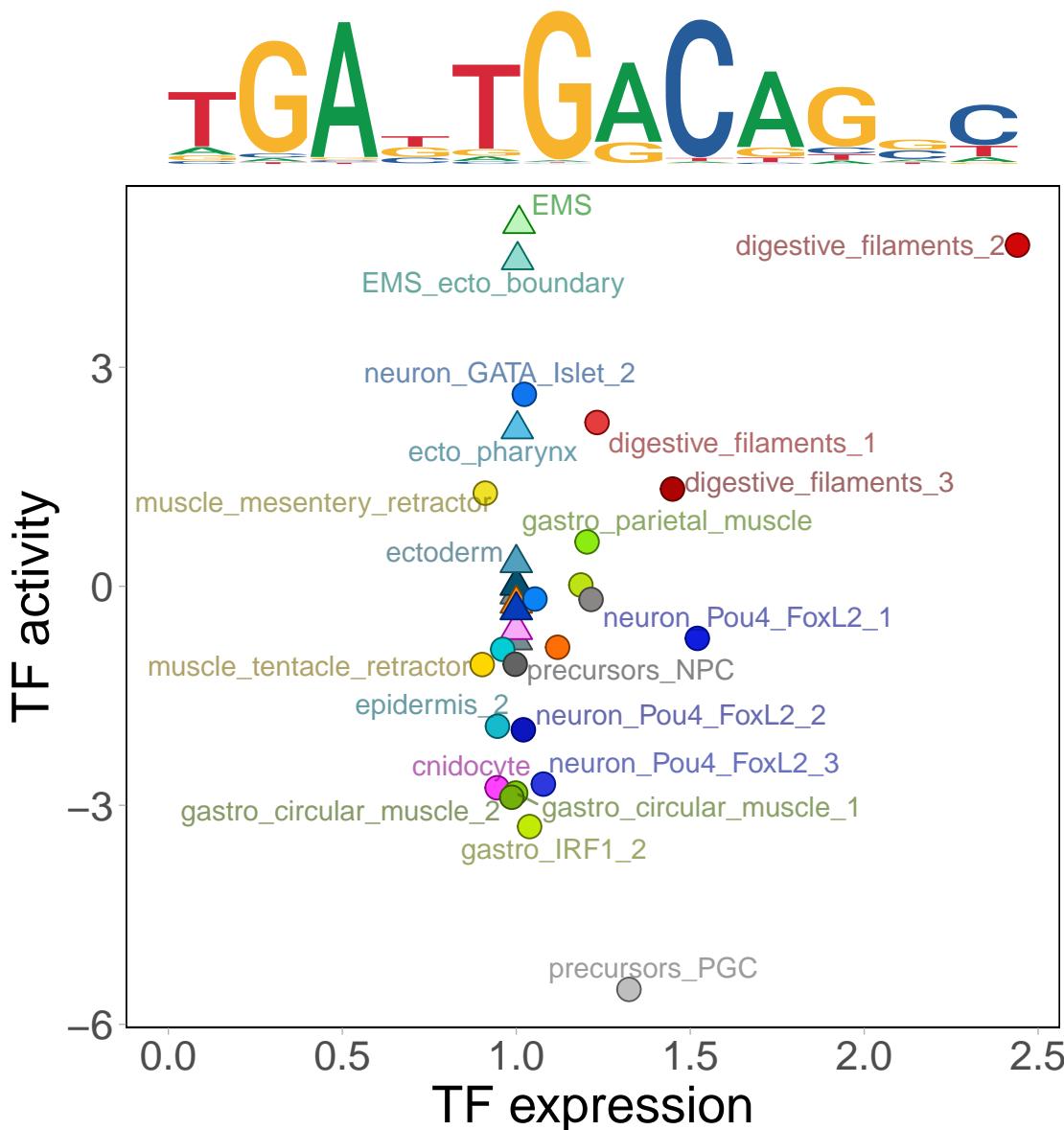
Nvec_vc1.1_XM_032373496.2
OG: Homeodomains.HG1.64:MEOX1/M
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 17
gene expression correlation: 0.4700
gene score correlation: 0.7481



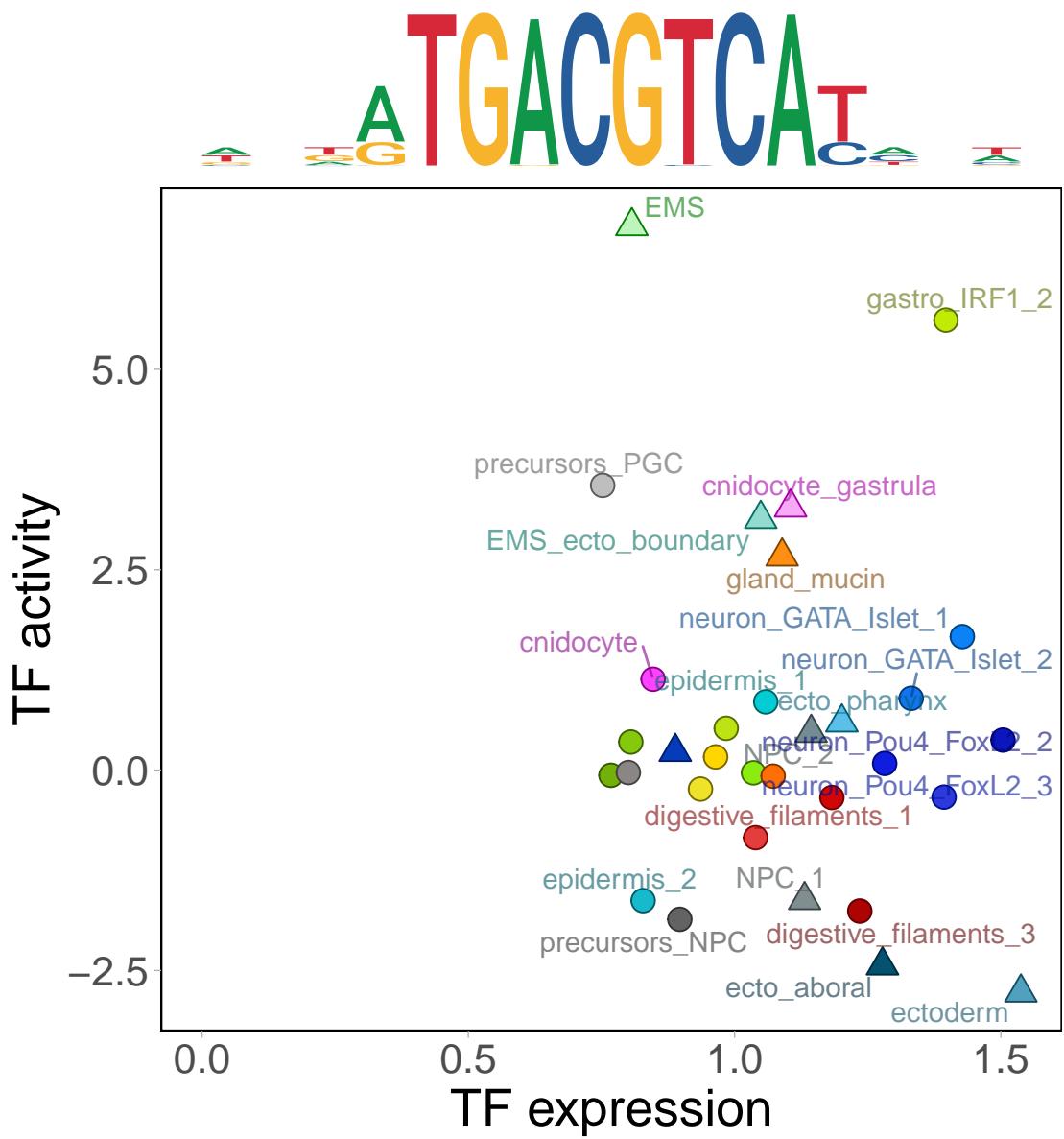
Nvec_vc1.1_XM_032373497.2
OG: Homeodomains.HG1.63:like:MEOX
PFAM: Homeodomain
motif: ARCH637_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 4
gene expression correlation: -0.0174
gene score correlation: 0.5920



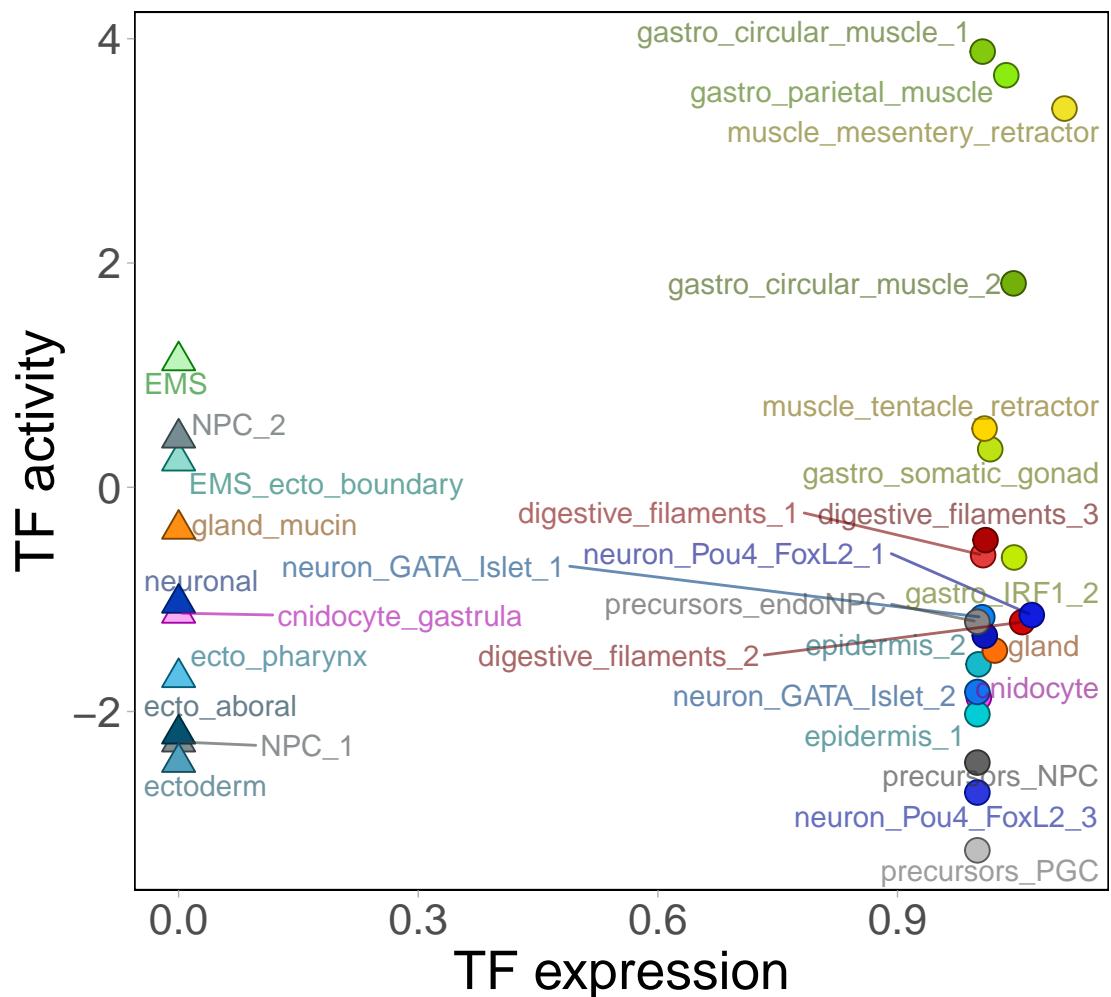
Nvec_vc1.1_XM_032373617.2
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: ARCH1502_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 39
gene expression correlation: 0.3116
gene score correlation: 0.4308



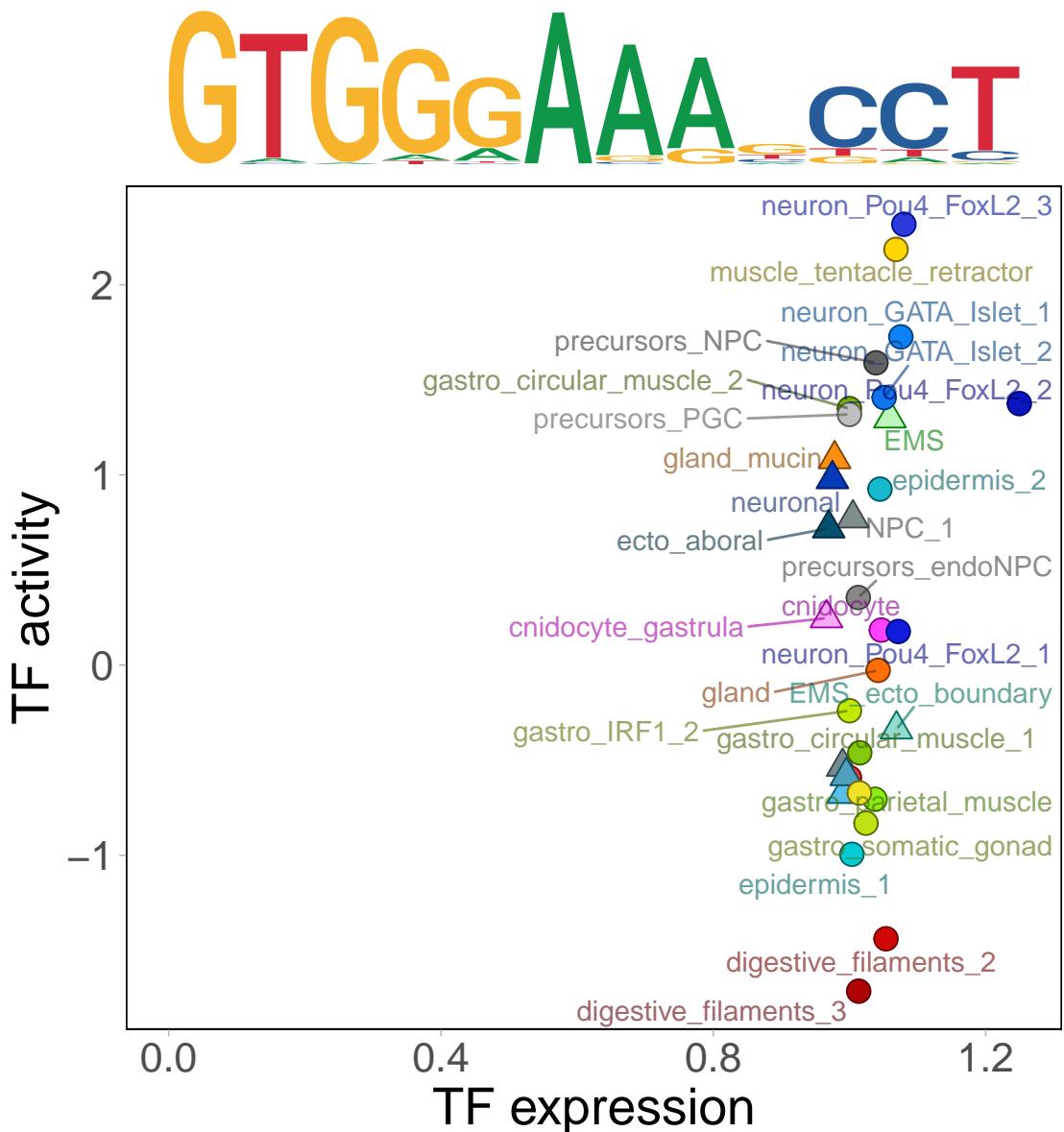
Nvec_vc1.1_XM_032373624.2
OG: bZIP.HG1.2:BACH1/BACH2/NFE2/
PFAM: bZIP_Maf
motif: Nfe2l2/Nfe2l3/Bach2/Nfe2l1/Nfe2/
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.1449
gene score correlation: -0.0355



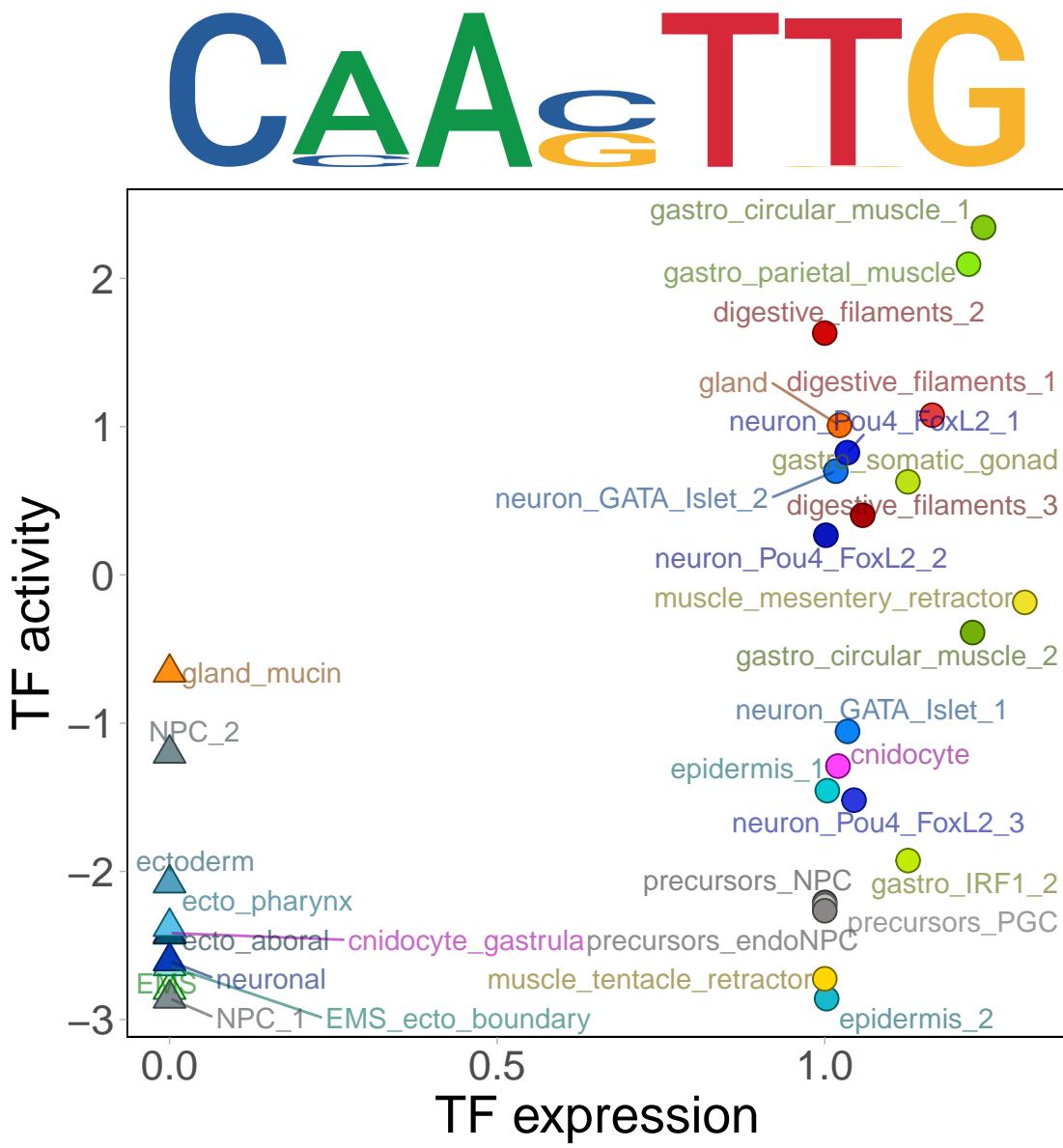
Nvec_vc1.1_XM_032373800.2
OG: zf-C2H2.HG1.38:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH866_ZNF317
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 198
gene expression correlation: 0.1326
gene score correlation: 0.7722



Nvec_vc1.1_XM_032373943.2
OG: zf-C2H2.HG130.1:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH827_Vezf1/Maz
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 133
gene expression correlation: 0.3101
gene score correlation: 0.3470



Nvec_vc1.1_XM_032374008.2
OG: HLH.HG1.92:like:SCX/TCF15
PFAM: HLH
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 260
gene expression correlation: 0.5743
gene score correlation: 0.4693



Nvec_vc1.1_XM_032374029.2

OG: bZIP.HG1.6:JUN/JUNB/JUND

PFAM: Jun/bZIP_1

motif: M04339_2.00

TF family: bZIP

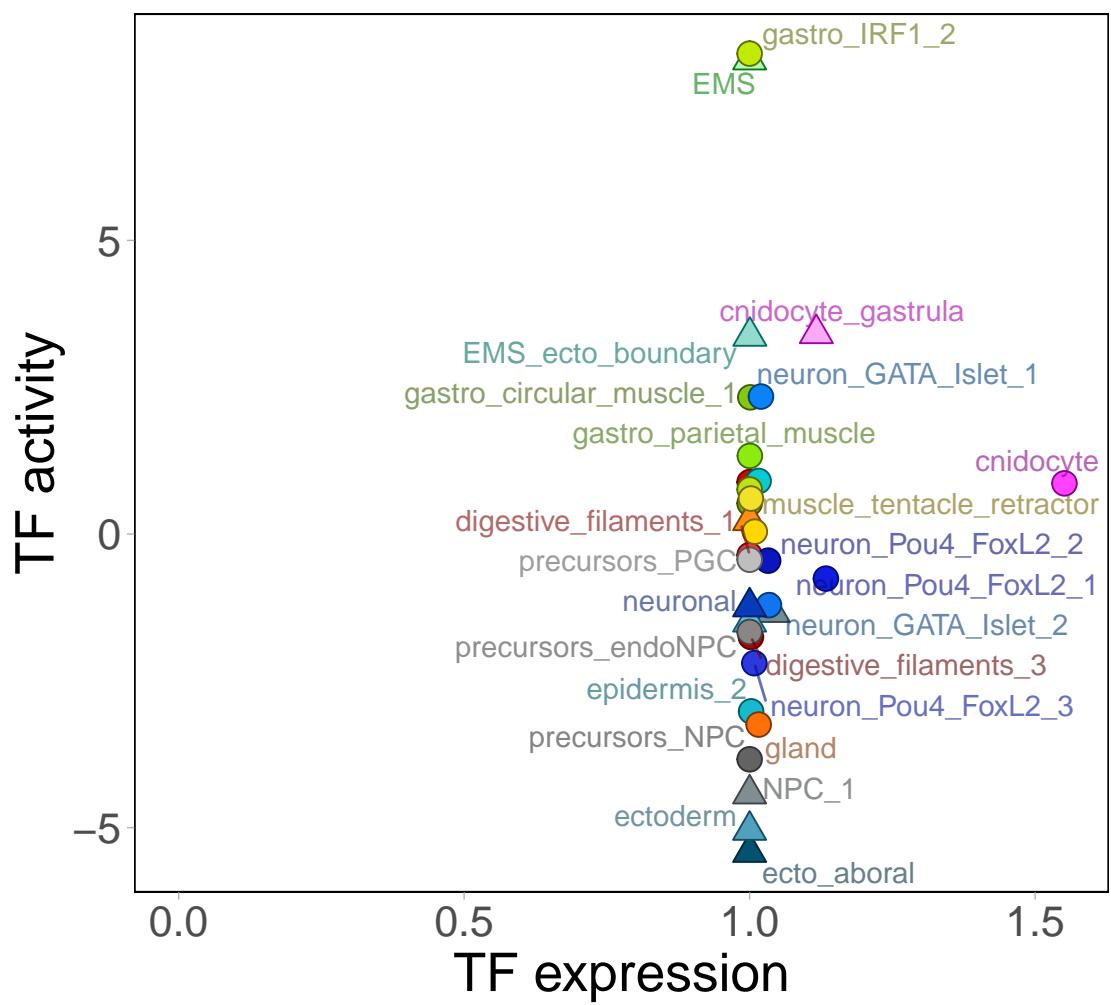
archetype family: bZIP

CisBP assigned: FALSE

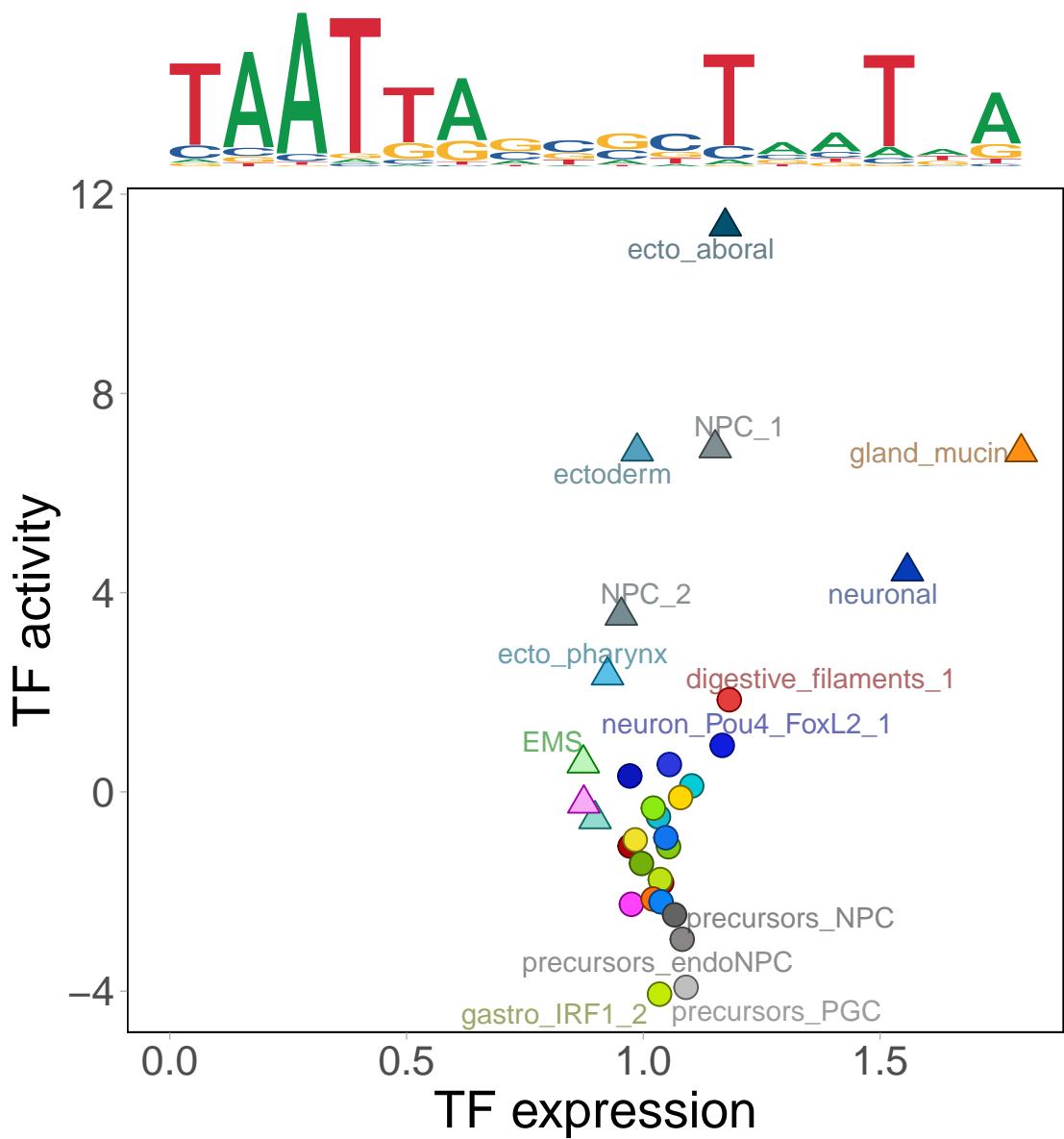
rank: 0

gene expression correlation: 0.0804

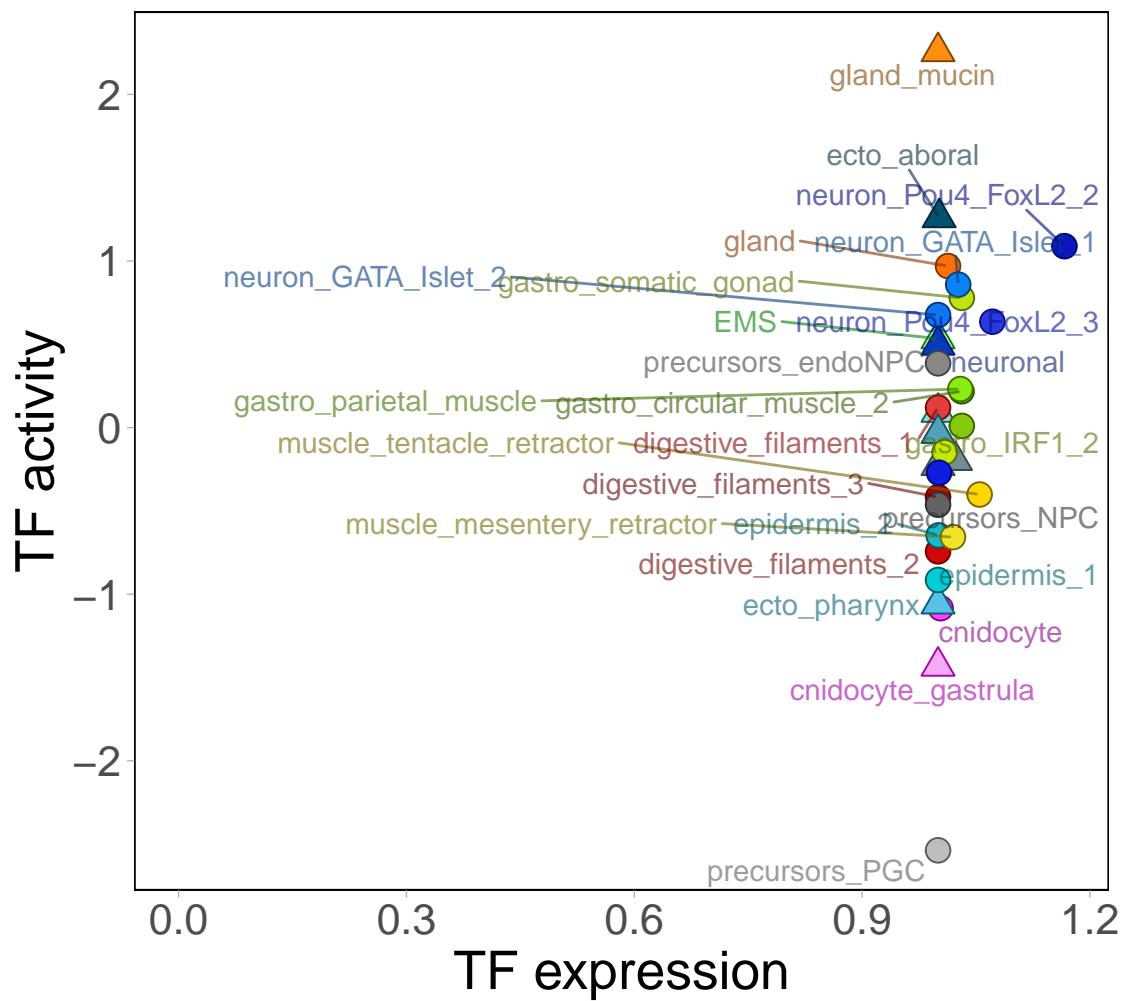
gene score correlation: 0.1550



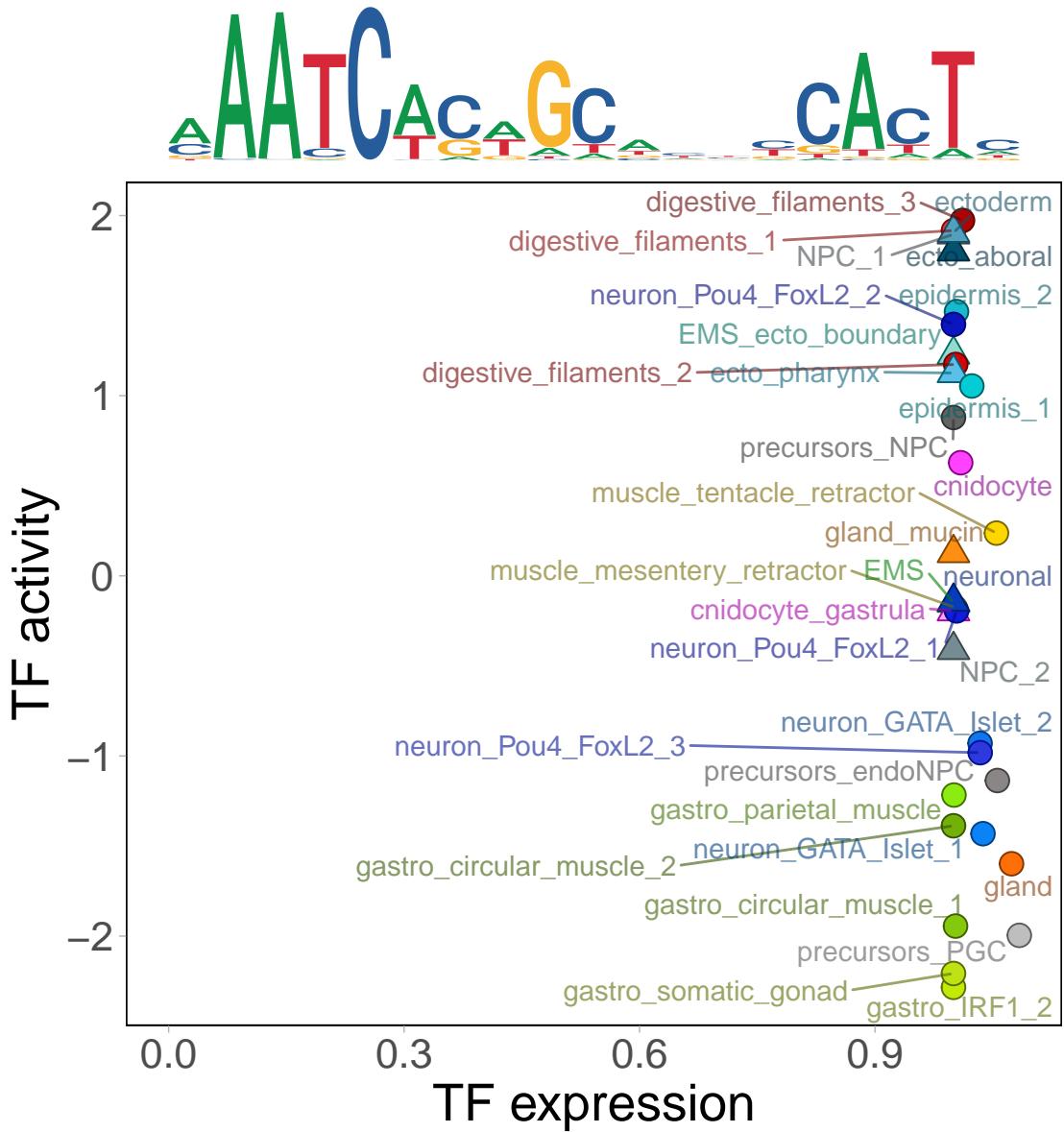
Nvec_vc1.1_XM_032374041.2
OG: Homeodomains.HG2.9:LHX6/LHX8
PFAM: LIM/LIM/Homeodomain
motif: ARCH316_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.4472
gene score correlation: 0.4002



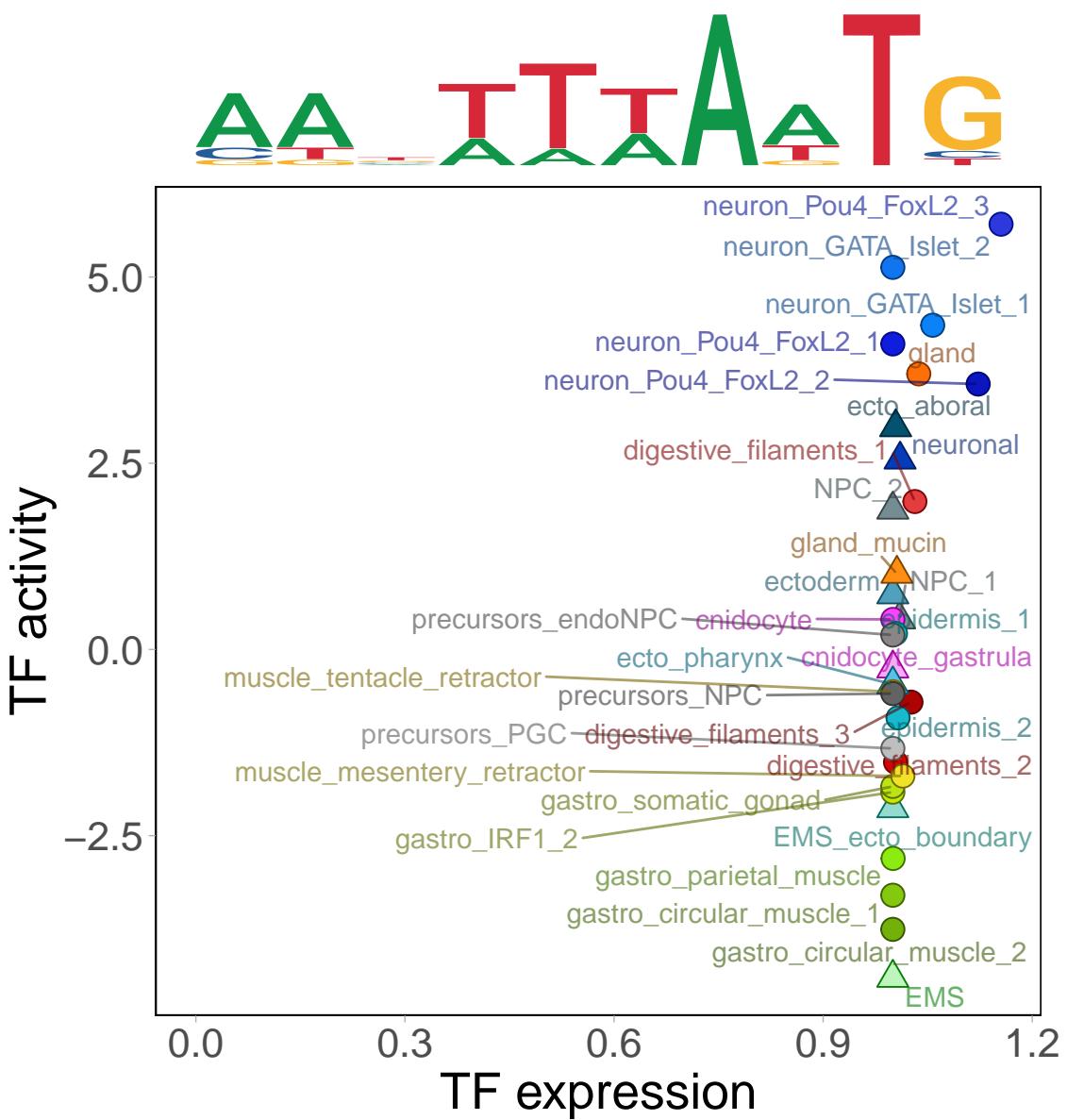
Nvec_vc1.1_XM_032374352.2
OG: Forkhead.HG1.9:like:FOXN1/FOXN
PFAM: Forkhead
motif: ARCH1060_FOXH1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 269
gene expression correlation: 0.2897
gene score correlation: -0.0405



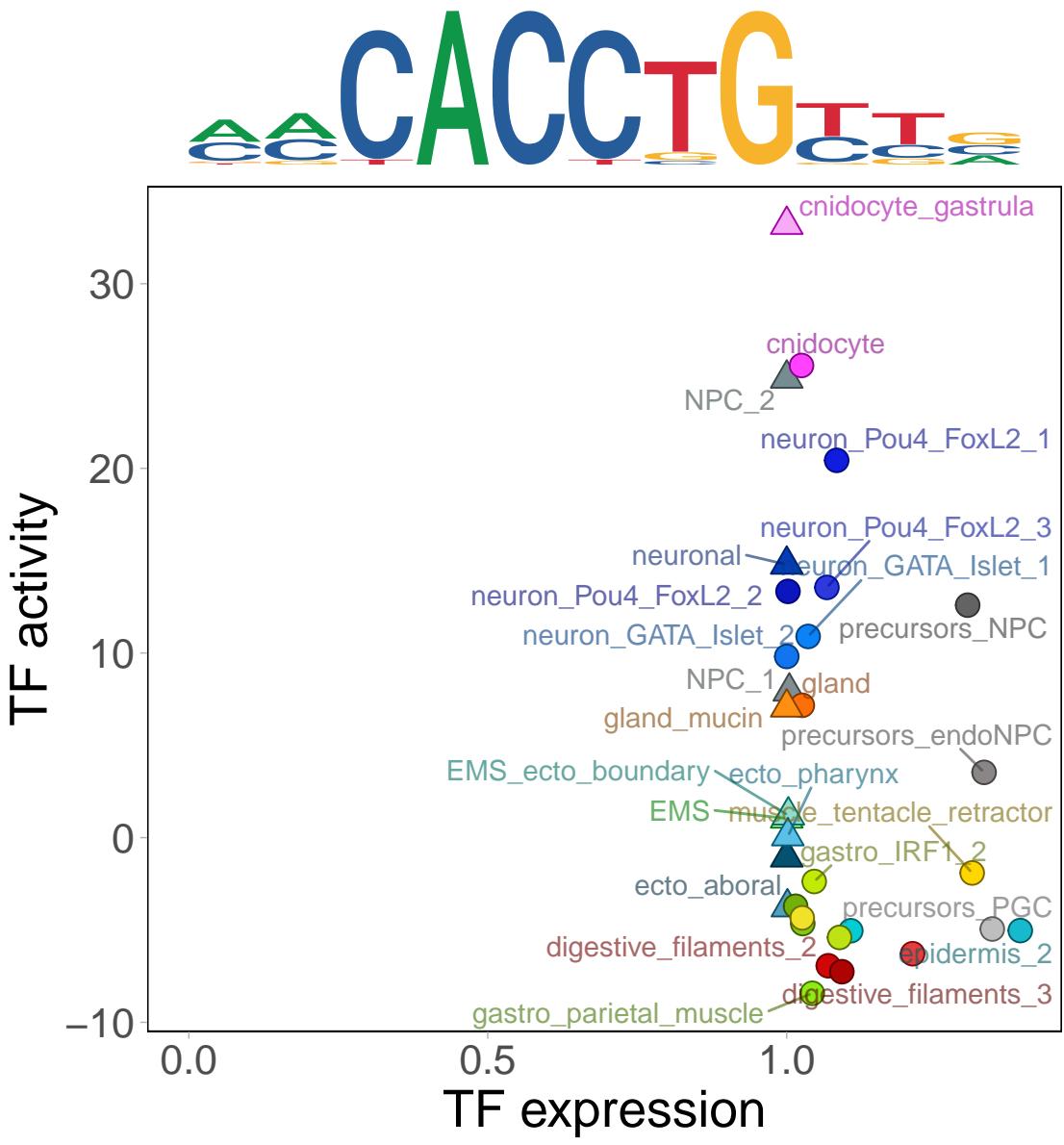
Nvec_vc1.1_XM_032374382.2
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 132
gene expression correlation: -0.4054
gene score correlation: 0.1957



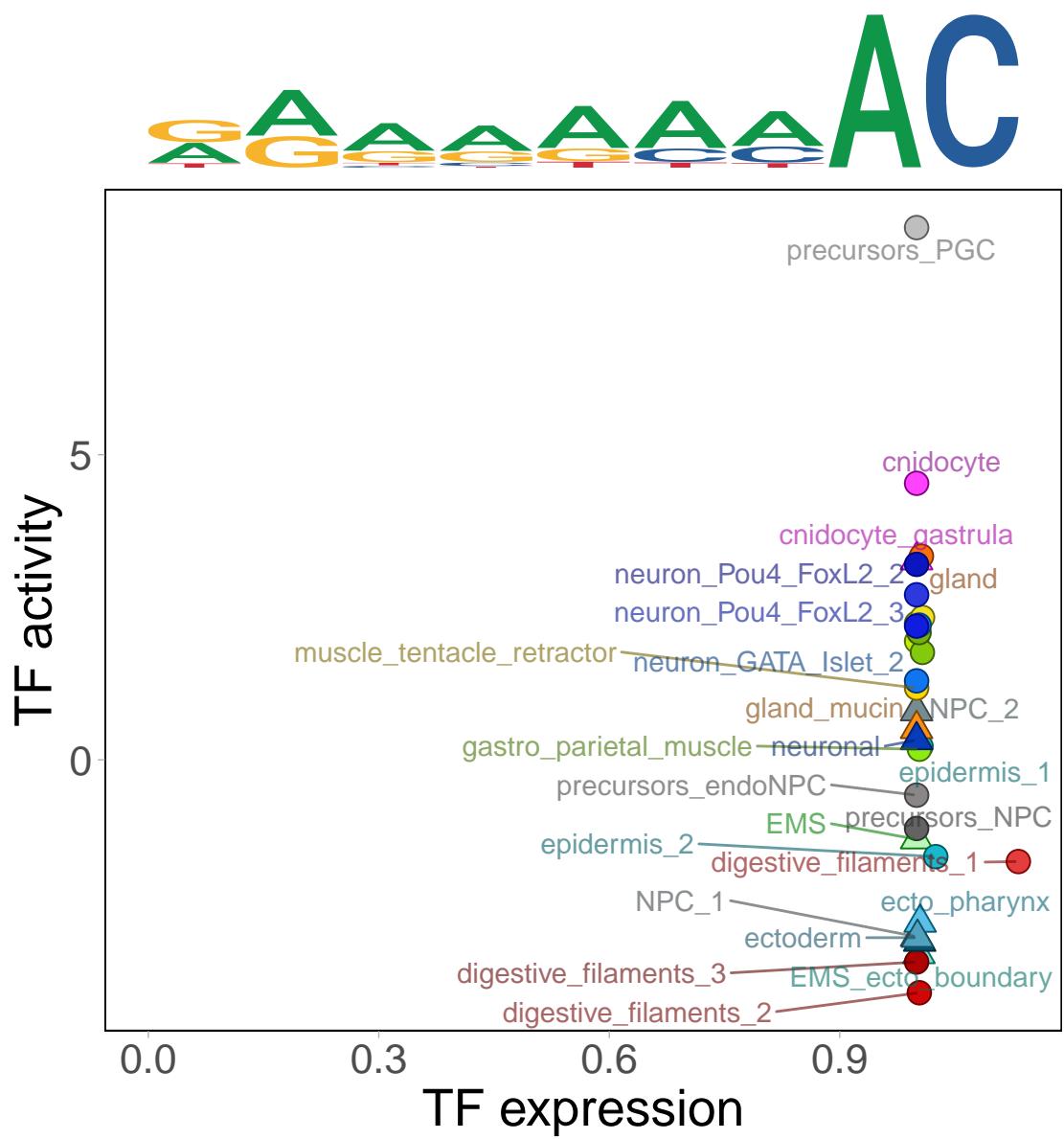
Nvec_vc1.1_XM_032374864.2
OG: Homeodomains.HG1.21:BARX1/B
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 86
gene expression correlation: 0.5559
gene score correlation: 0.4783



Nvec_vc1.1_XM_032374977.2
OG: HLH.HG1.56:TCF23/TCF24
PFAM: HLH
motif: M05971_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.2673
gene score correlation: -0.2718

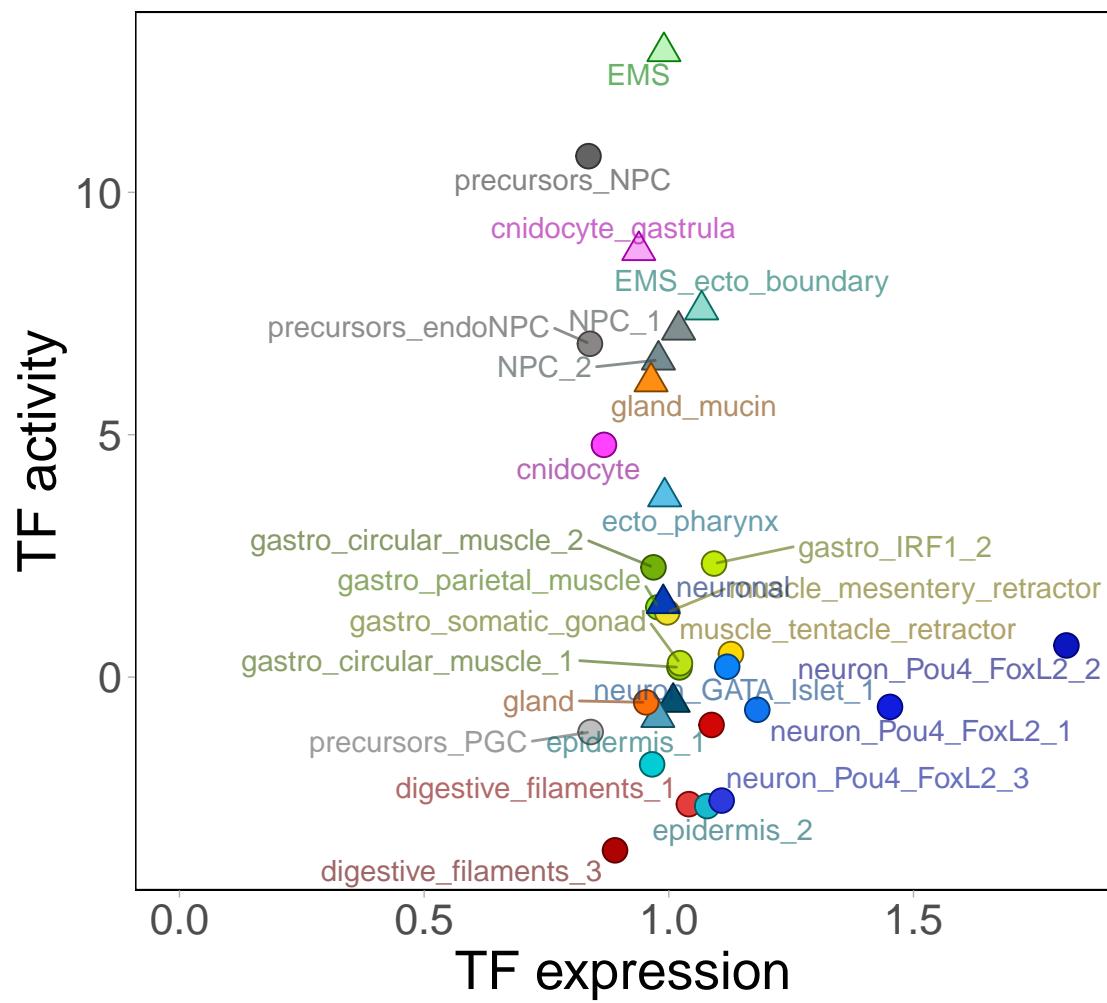


Nvec_vc1.1_XM_032375153.2
OG: Myb.HG3.1:HSPA14/MSANTD1/MS
PFAM: Myb_DNA-bind_4
motif: M07562_2.00
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.1758
gene score correlation: 0.5034



Nvec_vc1.1_XM_032375280.2
OG: HLH.HG1.0:AC019117.4/AHR/AHF
PFAM: HLH/PAS/PAS_11
motif: M05974_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.2567
gene score correlation: 0.5031

C A C G T G T C



Nvec_vc1.1_XM_032375349.2

OG: HLH.HG1.50:HES3

PFAM: HLH

motif: M01726_2.00

TF family: HLH

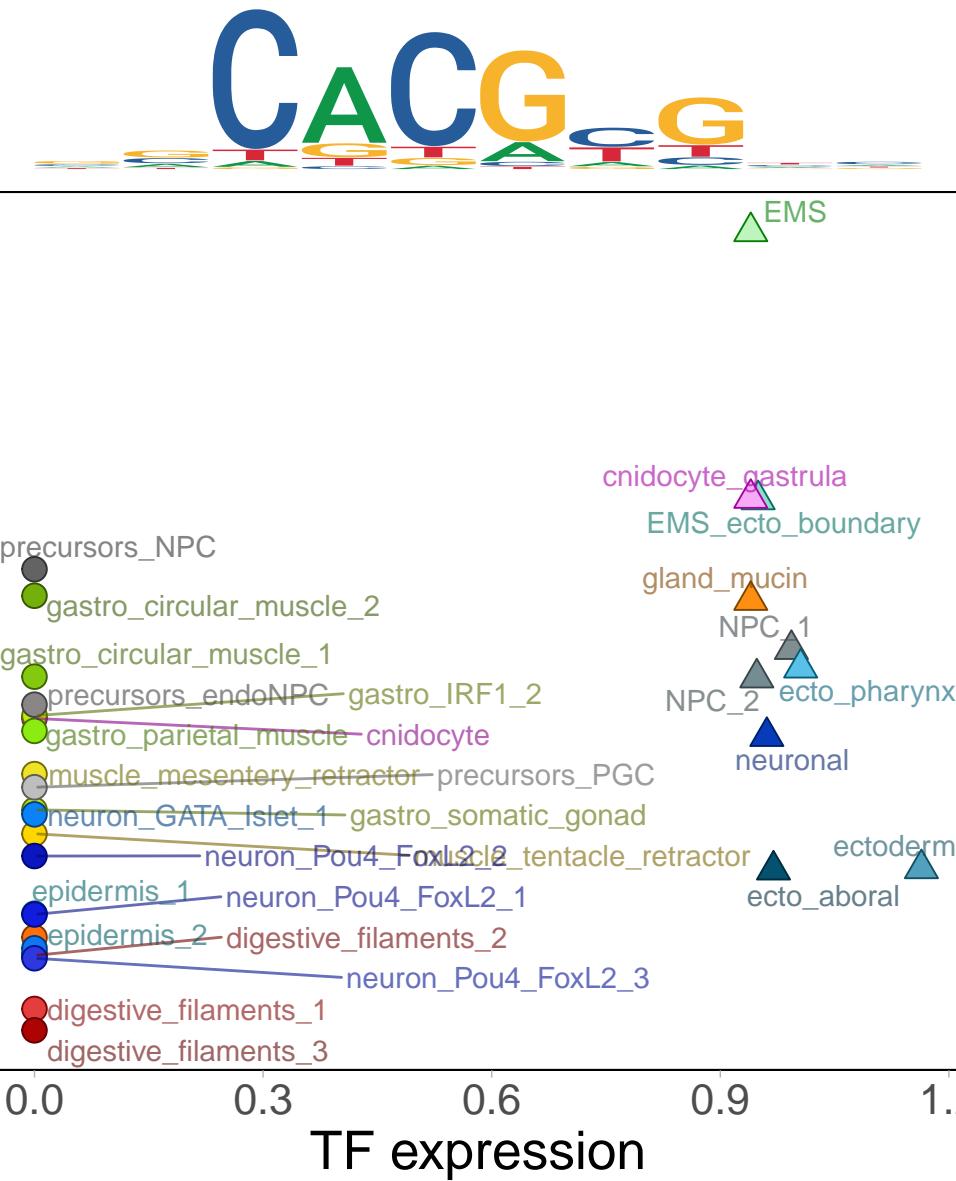
archetype family: HLH

CisBP assigned: FALSE

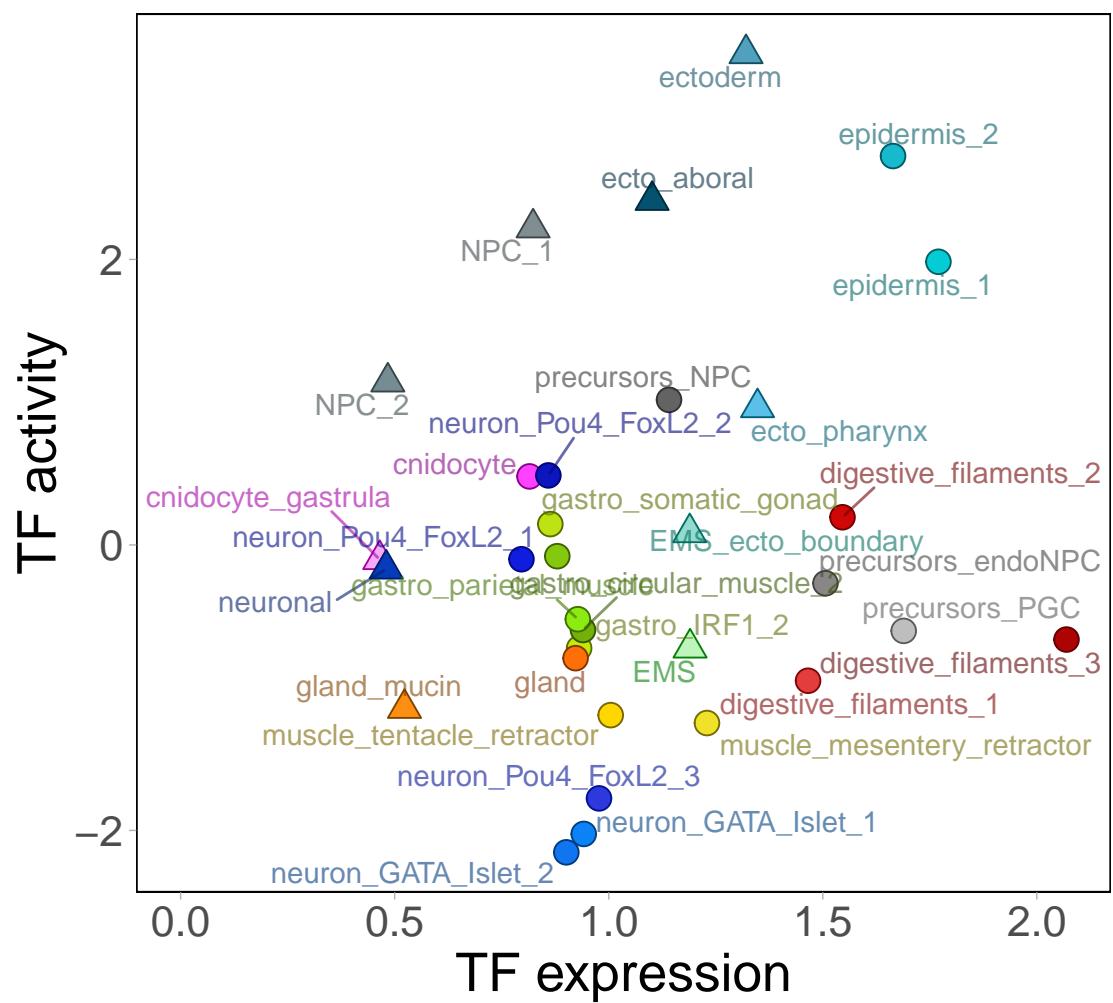
rank: 0

gene expression correlation: 0.5025

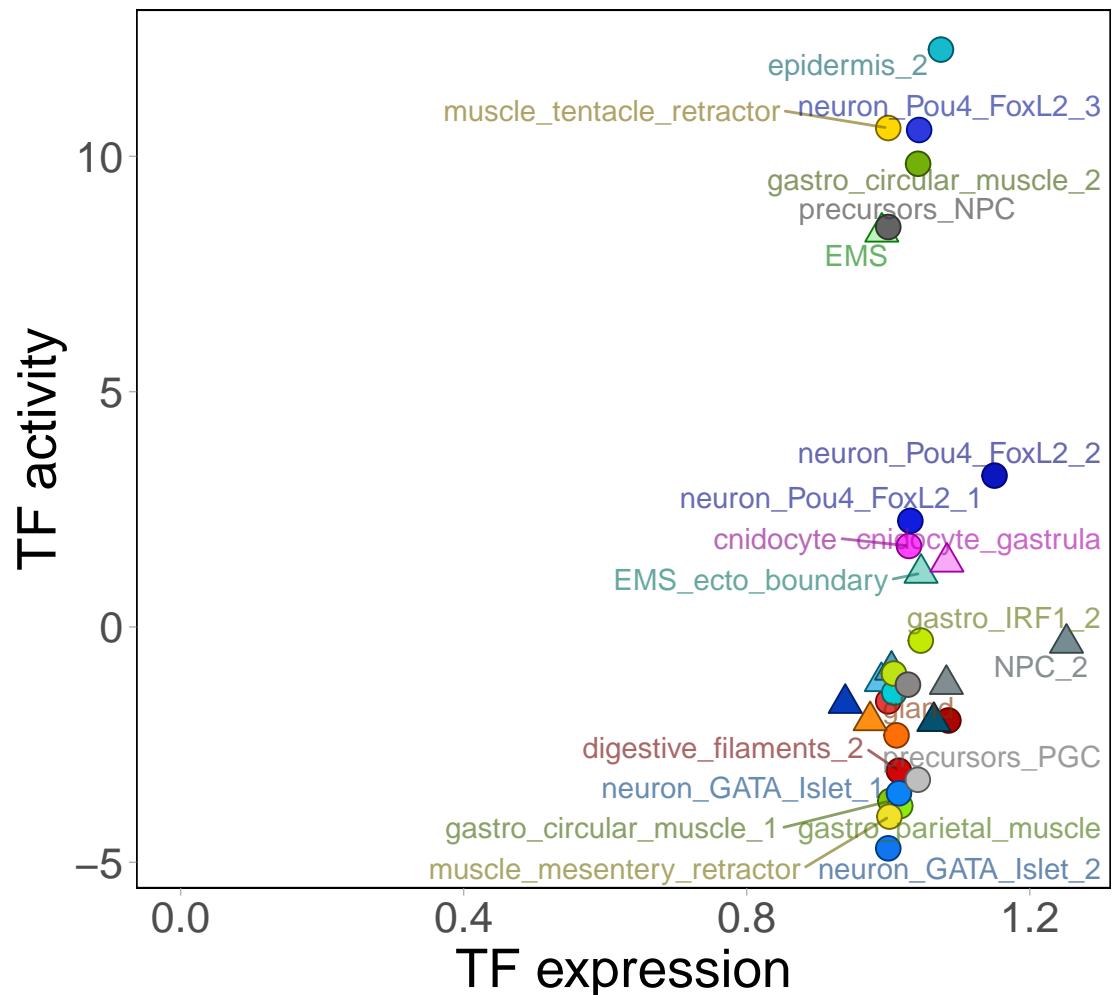
gene score correlation: -0.4094



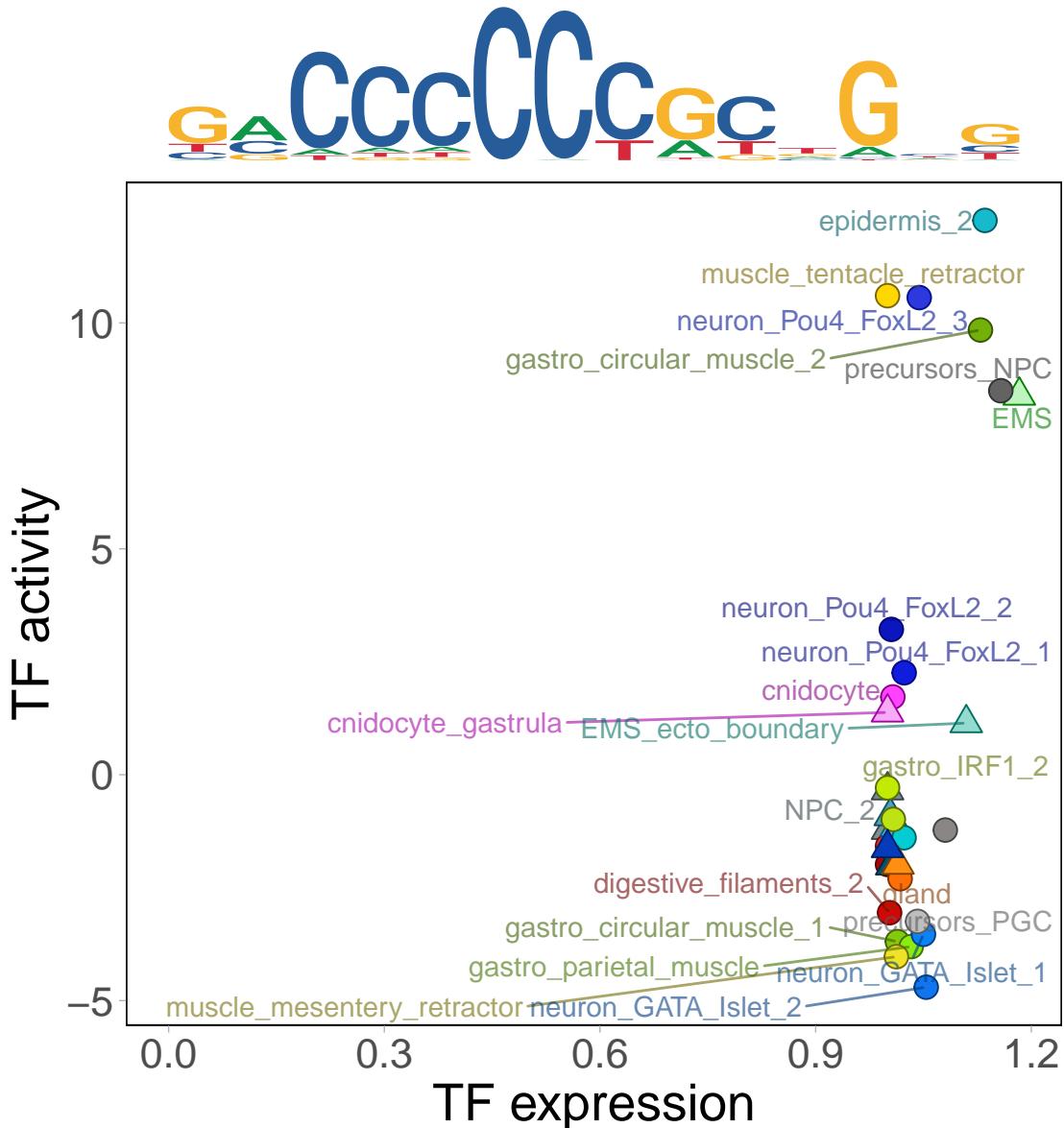
Nvec_vc1.1_XM_032375407.2
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: Myc_N/HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 462
gene expression correlation: 0.1882
gene score correlation: 0.1878



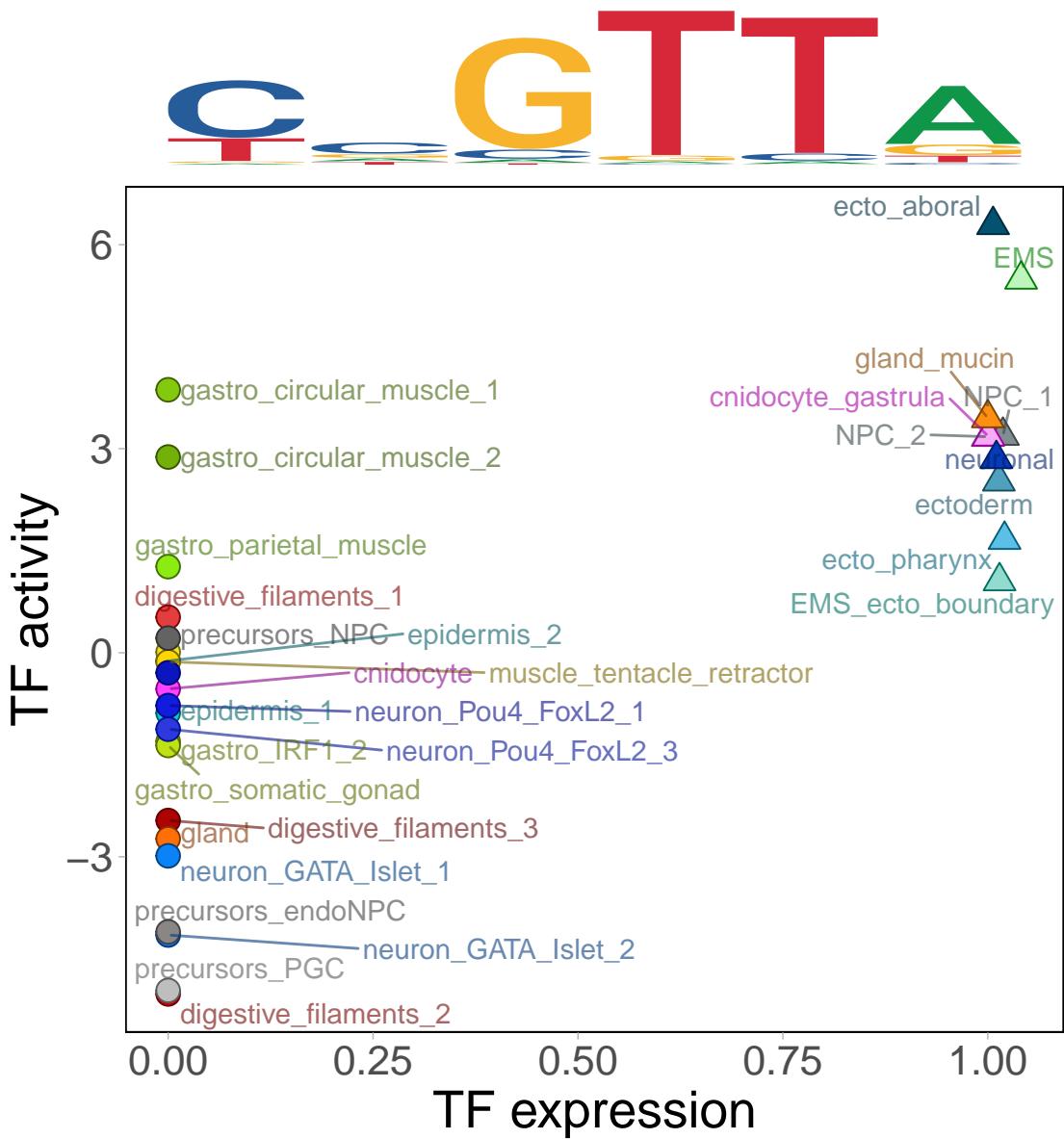
Nvec_vc1.1_XM_032375721.2
OG: zf-C2H2.HG119.0:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH353_M06062_2.00__M064
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1525
gene expression correlation: 0.1063
gene score correlation: -0.1637



Nvec_vc1.1_XM_032375915.2
OG: zf-C2H2.HG4.0:like:GLI1/GLI2/GL
PFAM: zf-C2H2/zf-C2H2
motif: ARCH353_M06062_2.00__M064
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5818
gene score correlation: 0.8182

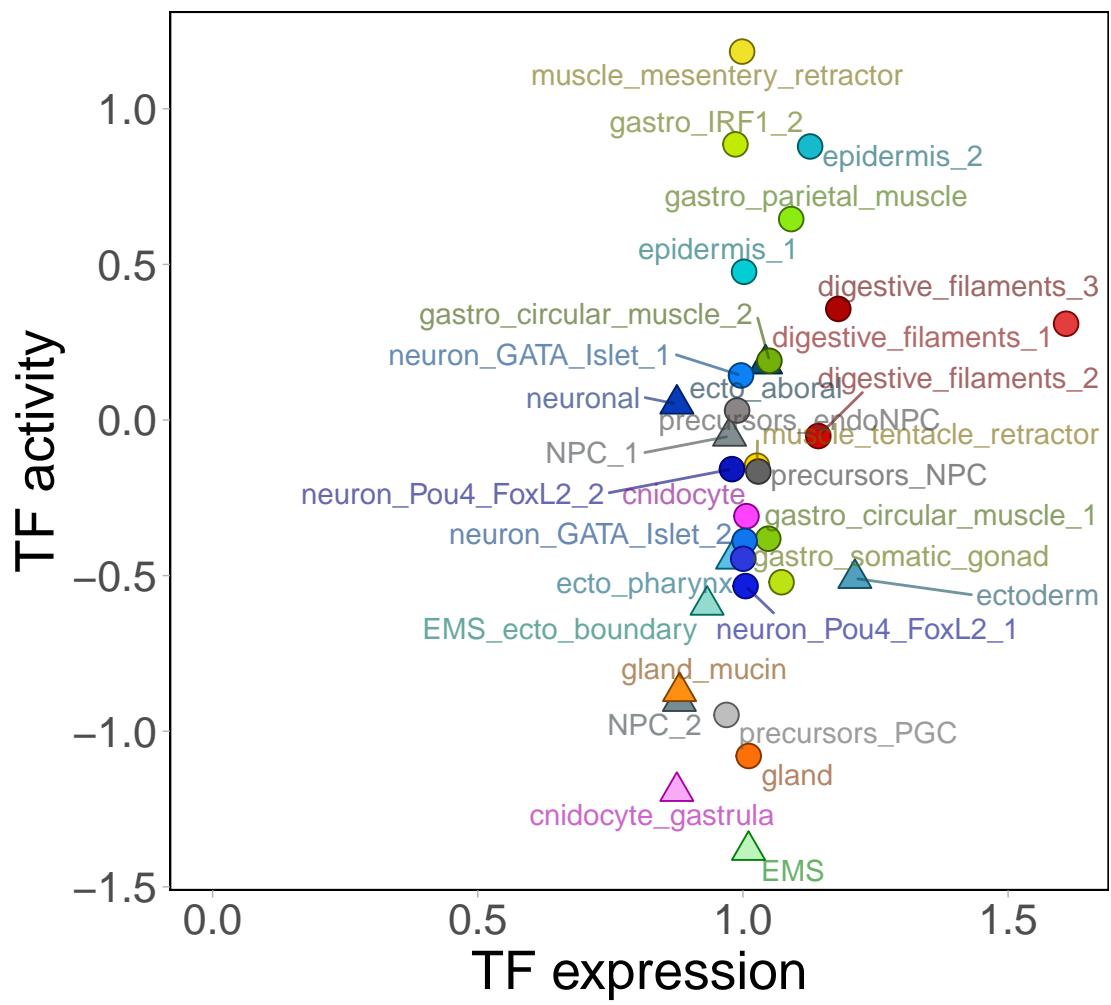


Nvec_vc1.1_XM_032376092.2
OG: Myb.HG3.0:like:HSPA14/MSANTD
PFAM: Myb_DNA-bind_4
motif: ARCH1387_MYB105
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 219
gene expression correlation: 0.7055
gene score correlation: 0.7060

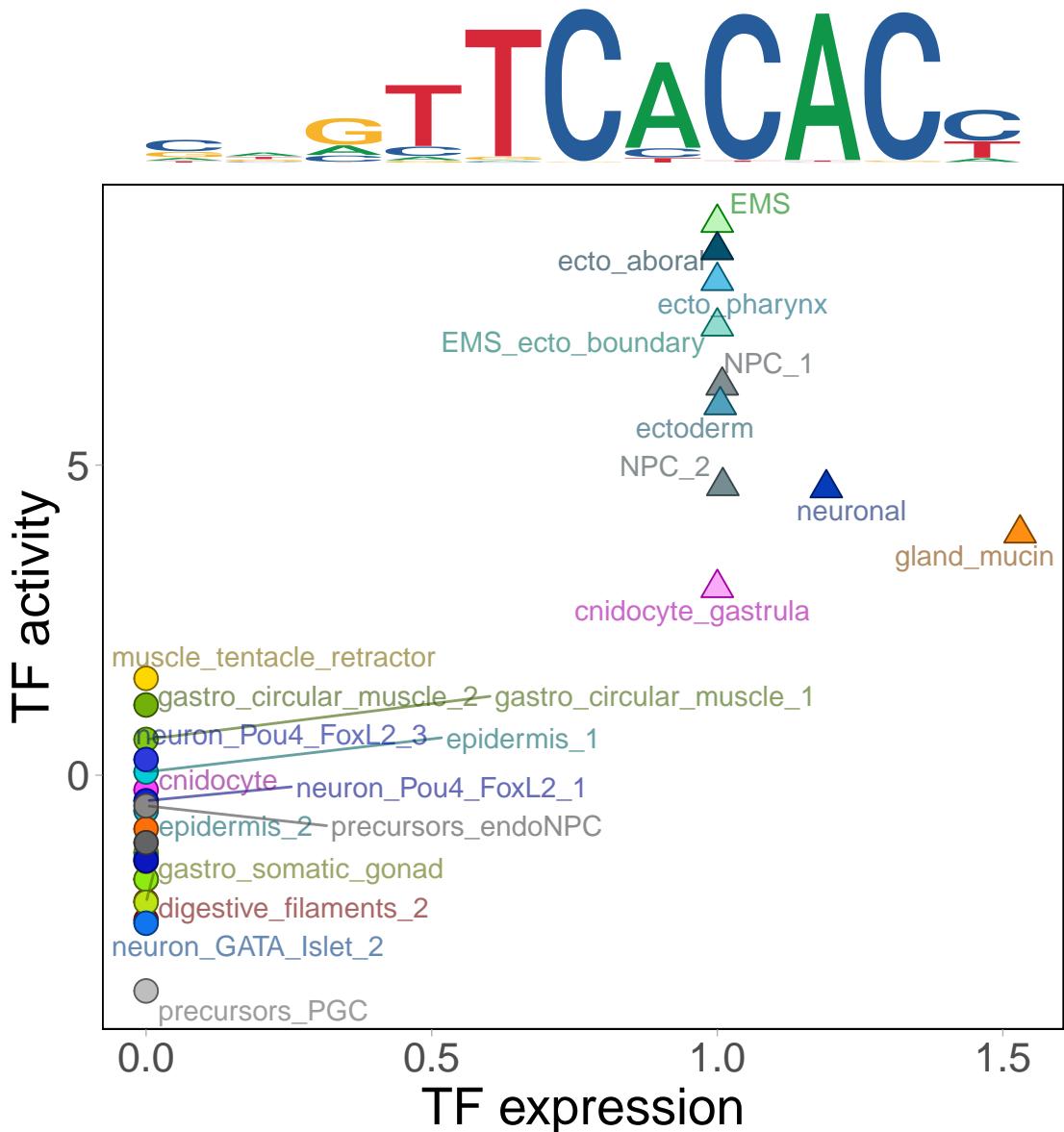


Nvec_vc1.1_XM_032376267.2
OG: HMGbox_Sox.HG1.7:HBP1
PFAM: AXH/HMG_box
motif: ARCH142_Sox4/Sox11_Sox13/S
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3259
gene score correlation: 0.3928

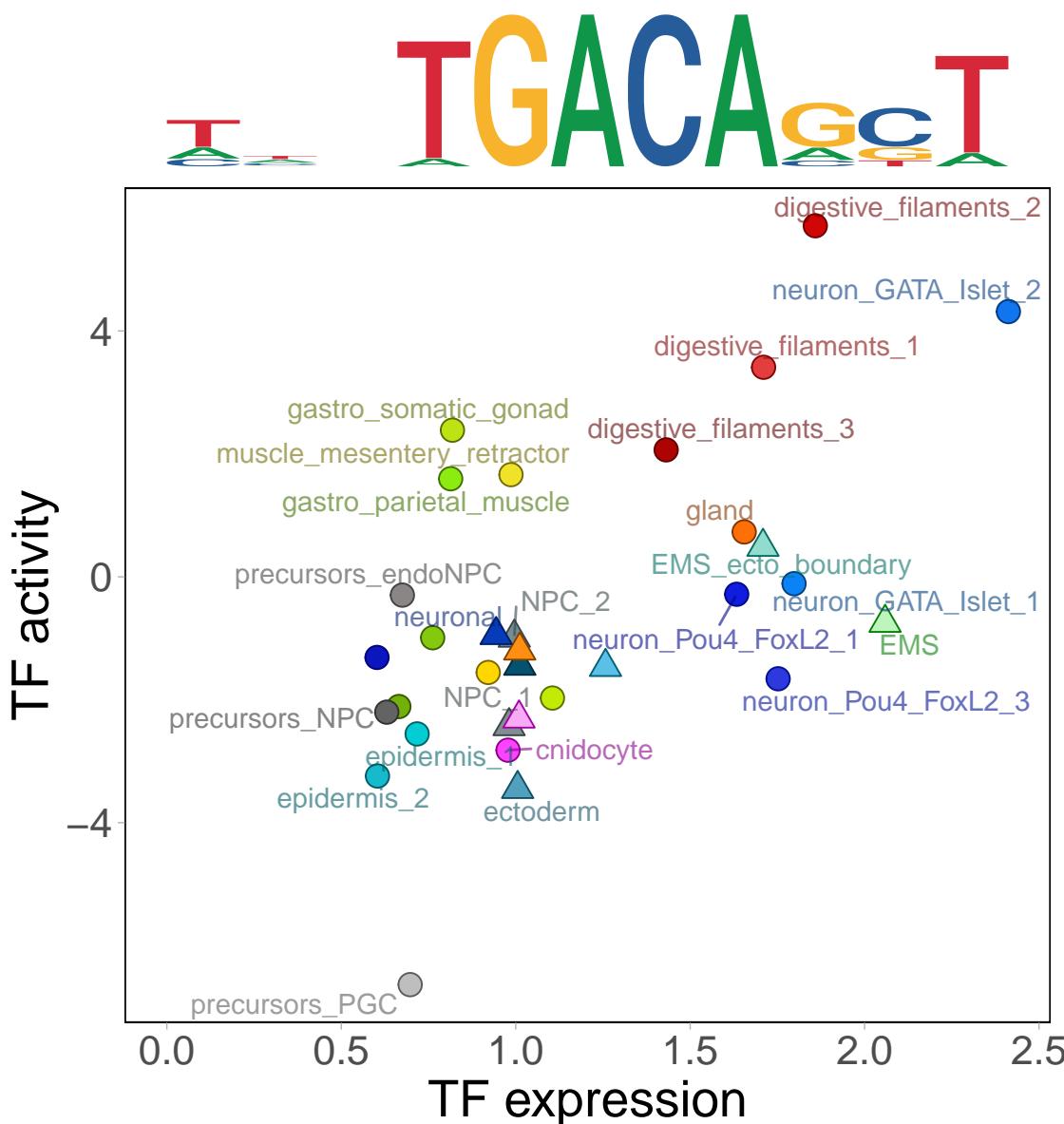
ATCAATT CAGTGAT



Nvec_vc1.1_XM_032376554.2
OG: zf-C2H2.HG1.17:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH836_M08316_2.00__M089
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 51
gene expression correlation: 0.8737
gene score correlation: 0.6361

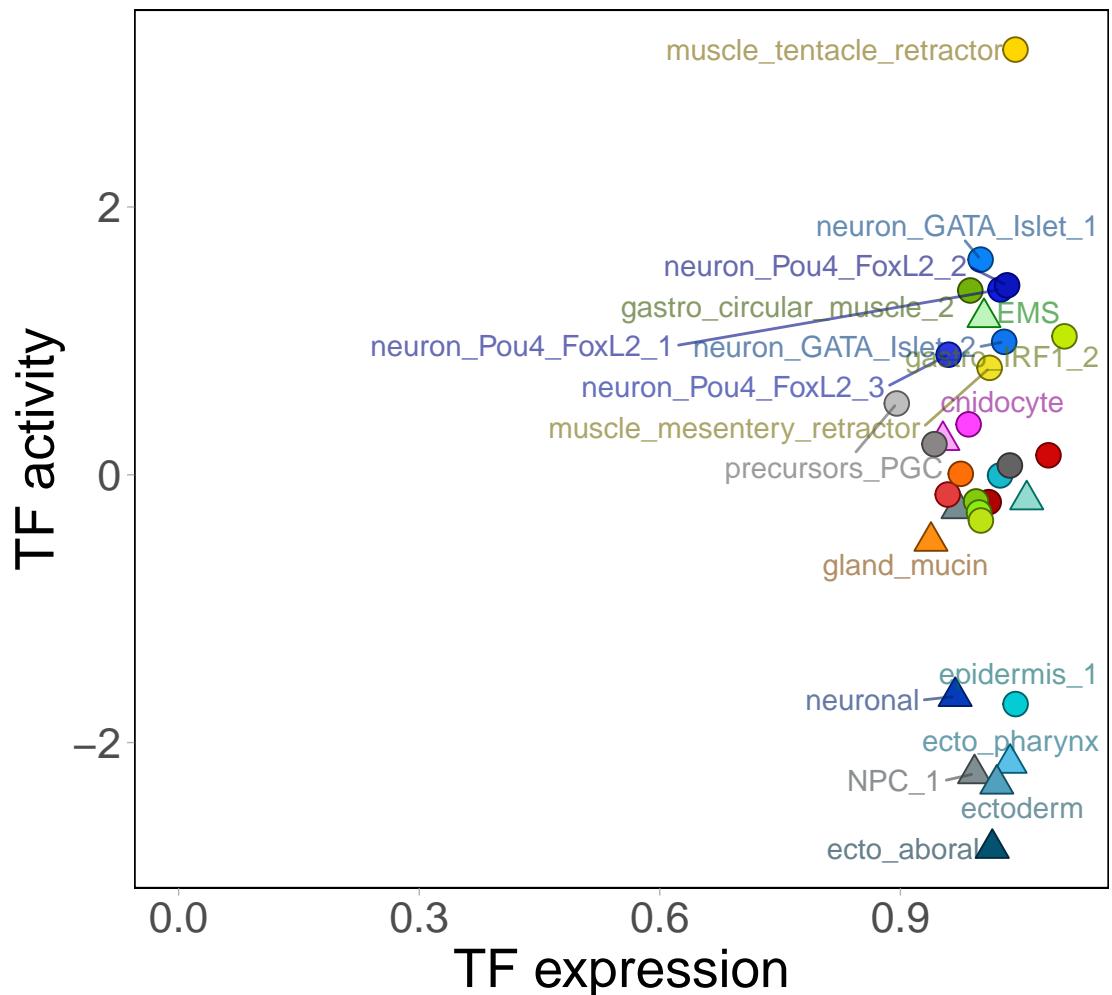


Nvec_vc1.1_XM_032376608.2
OG: Homeodomains.HG3.20:MEIS1/MEIS2
PFAM: Meis_PKNOX_N/Homeobox_KN
motif: ARCH1504_Meis3/Meis2/Meis1_1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.5795
gene score correlation: 0.8807

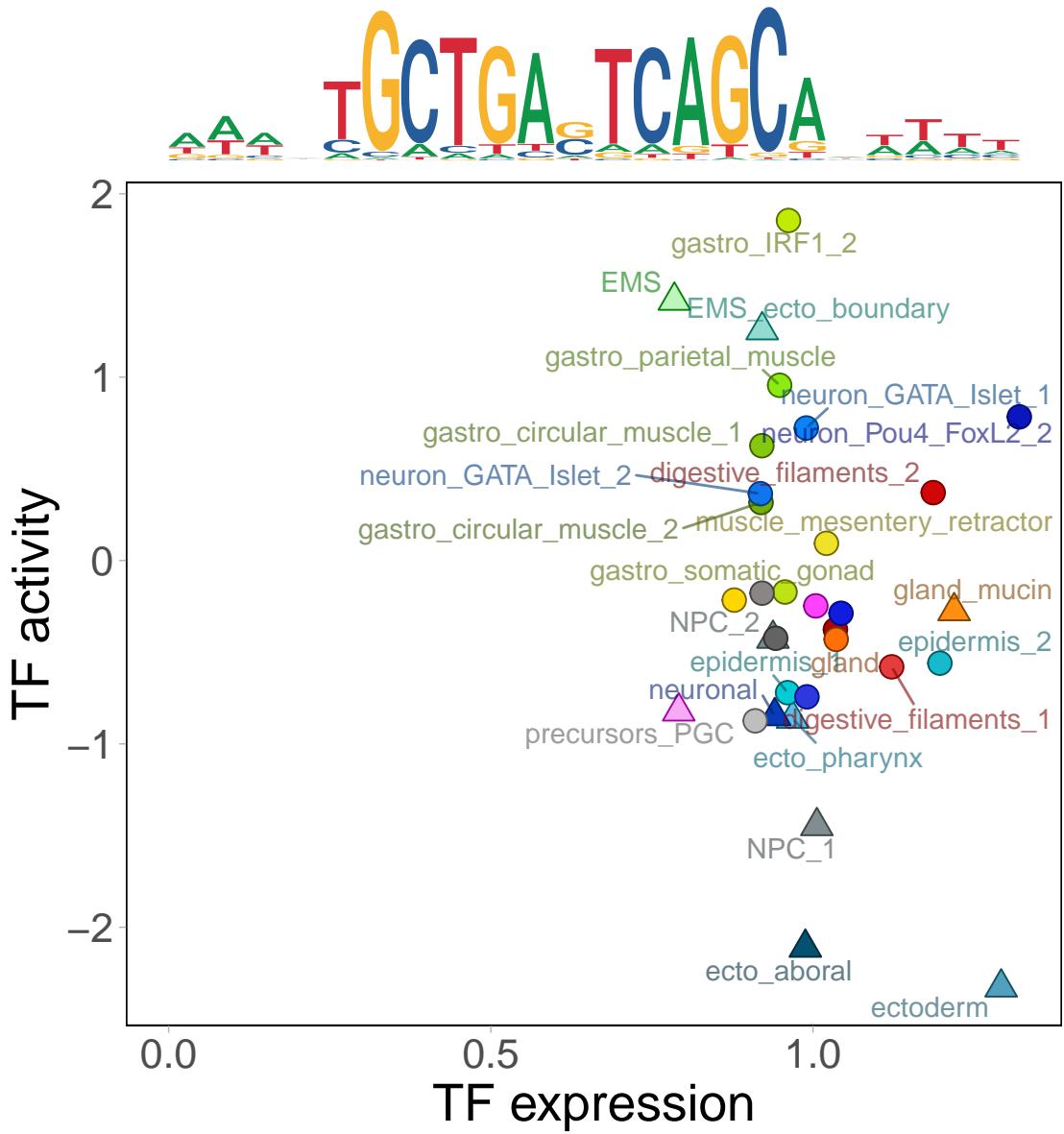


Nvec_vc1.1_XM_032376736.2
OG: zf-C2H2.HG3.23:like:HINFP/RREB1
PFAM: zf-C2H2_6/zf-C2H2/zf-C2H2_6
motif: ARCH497_M03679_2.00
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 27
gene expression correlation: 0.0594
gene score correlation: 0.4024

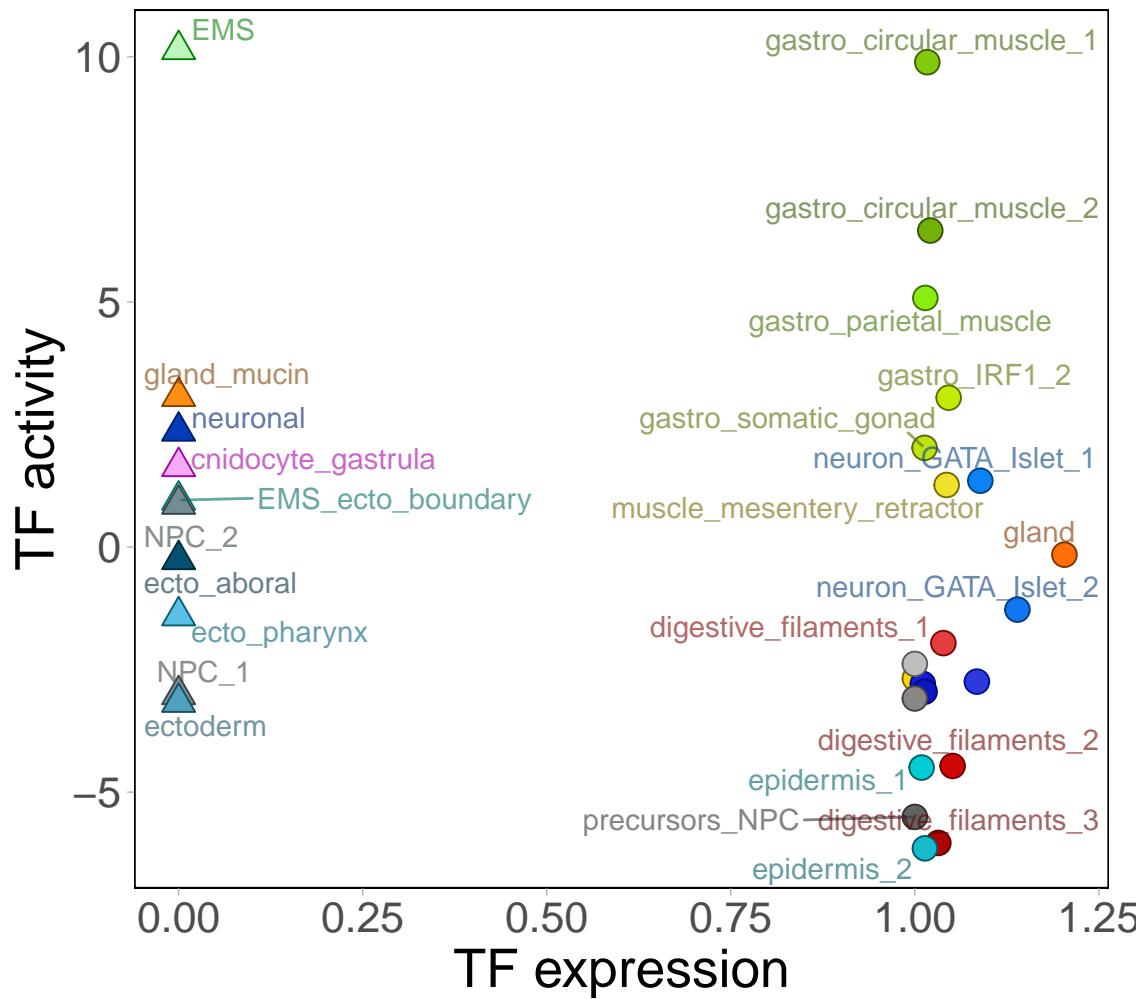
c T C T C T C C c



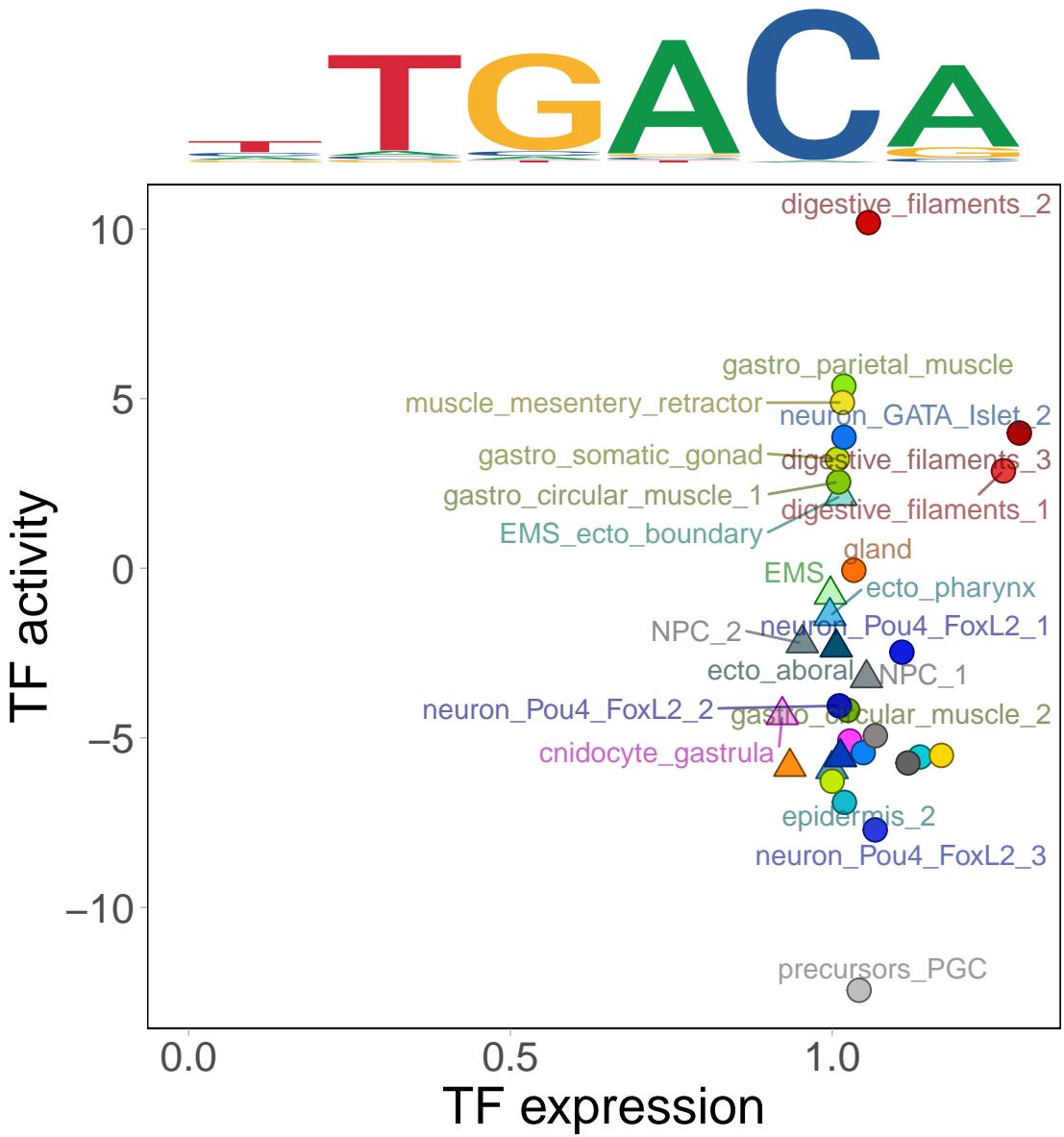
Nvec_vc1.1_XM_032376926.2
OG: bZIP.HG3.2:like:MAF/MAFA/MAFB
PFAM: bZIP_Maf
motif: ARCH1281_Cic_Hbp1_Sox13/SO
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 819
gene expression correlation: -0.2204
gene score correlation: -0.1814



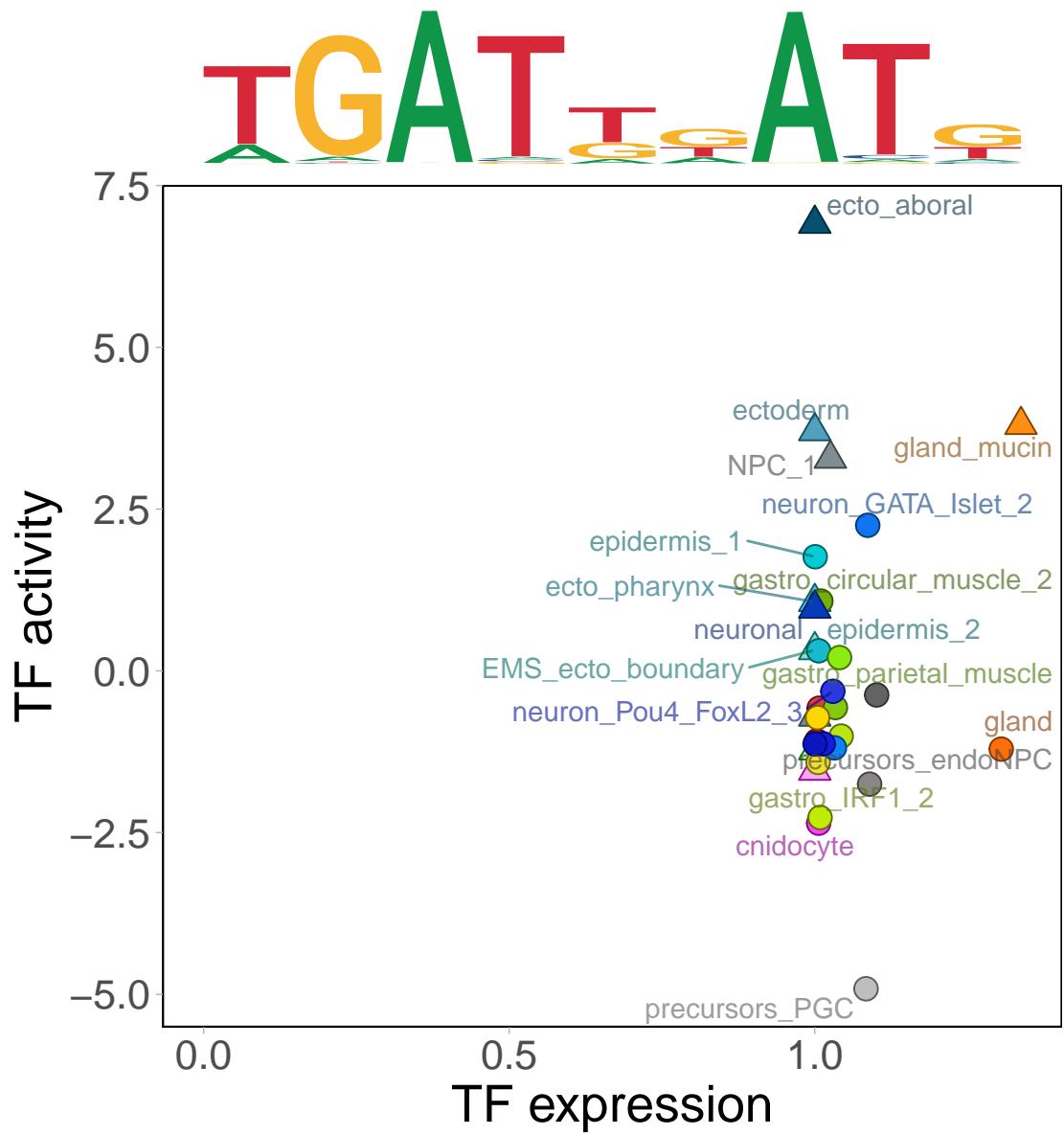
Nvec_vc1.1_XM_032376930.1
OG: zf-C2H2.HG130.0:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: Zfp800_250224_homer
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.2278
gene score correlation: -0.2166



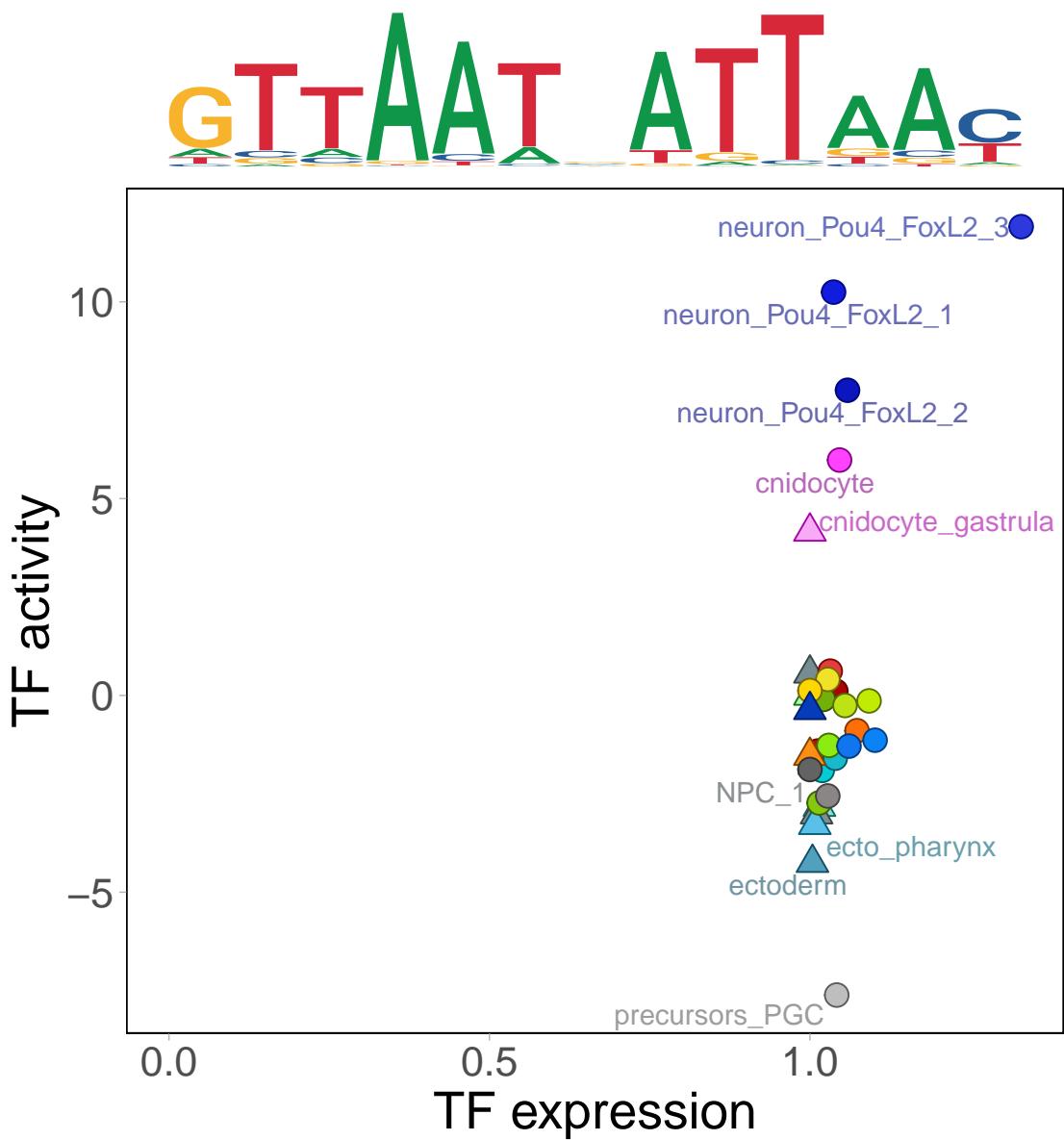
Nvec_vc1.1_XM_032376939.2
OG: Homeodomains.HG2.15:LEUTX
PFAM: CUT/Homeodomain/Homeodom
motif: ARCH1546_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1516
gene score correlation: 0.5795



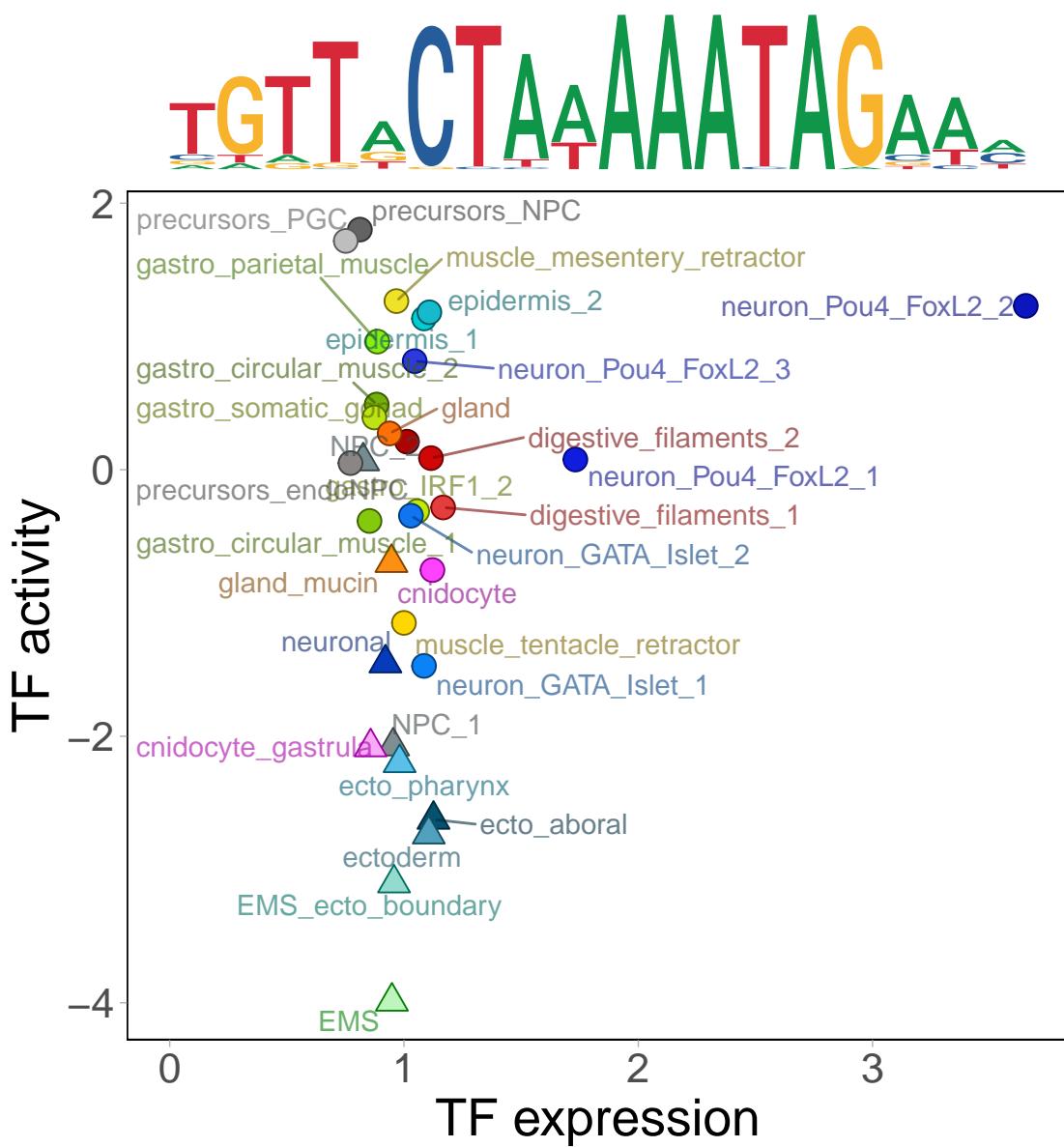
Nvec_vc1.1_XM_032377135.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 148
gene expression correlation: 0.0842
gene score correlation: 0.0578



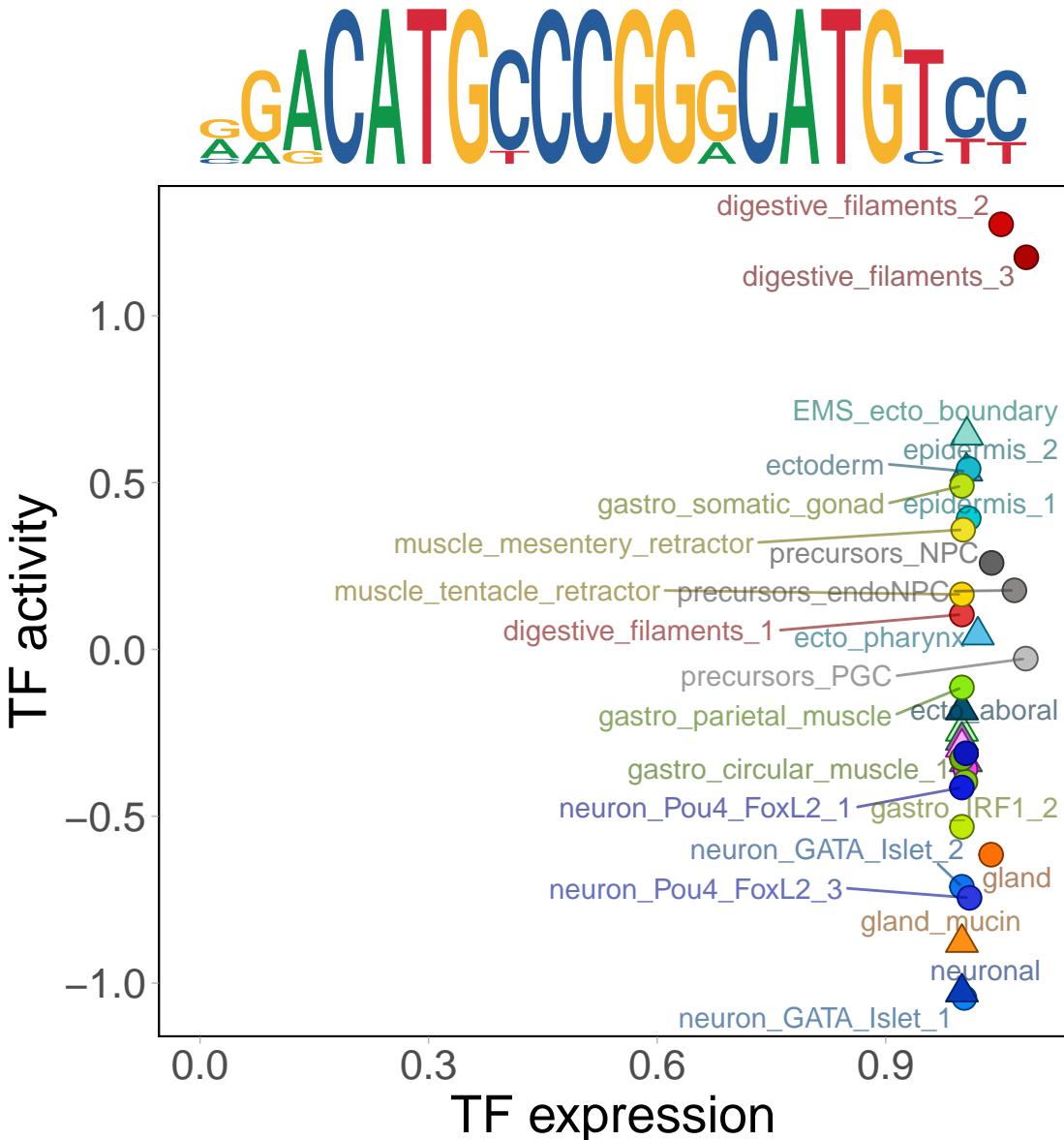
Nvec_vc1.1_XM_032377390.2
OG: Homeodomains.HG1.42:VAX1/VA
PFAM: Homeodomain
motif: ARCH103_Hnf1a/Hnf1b
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.5449
gene score correlation: 0.5554



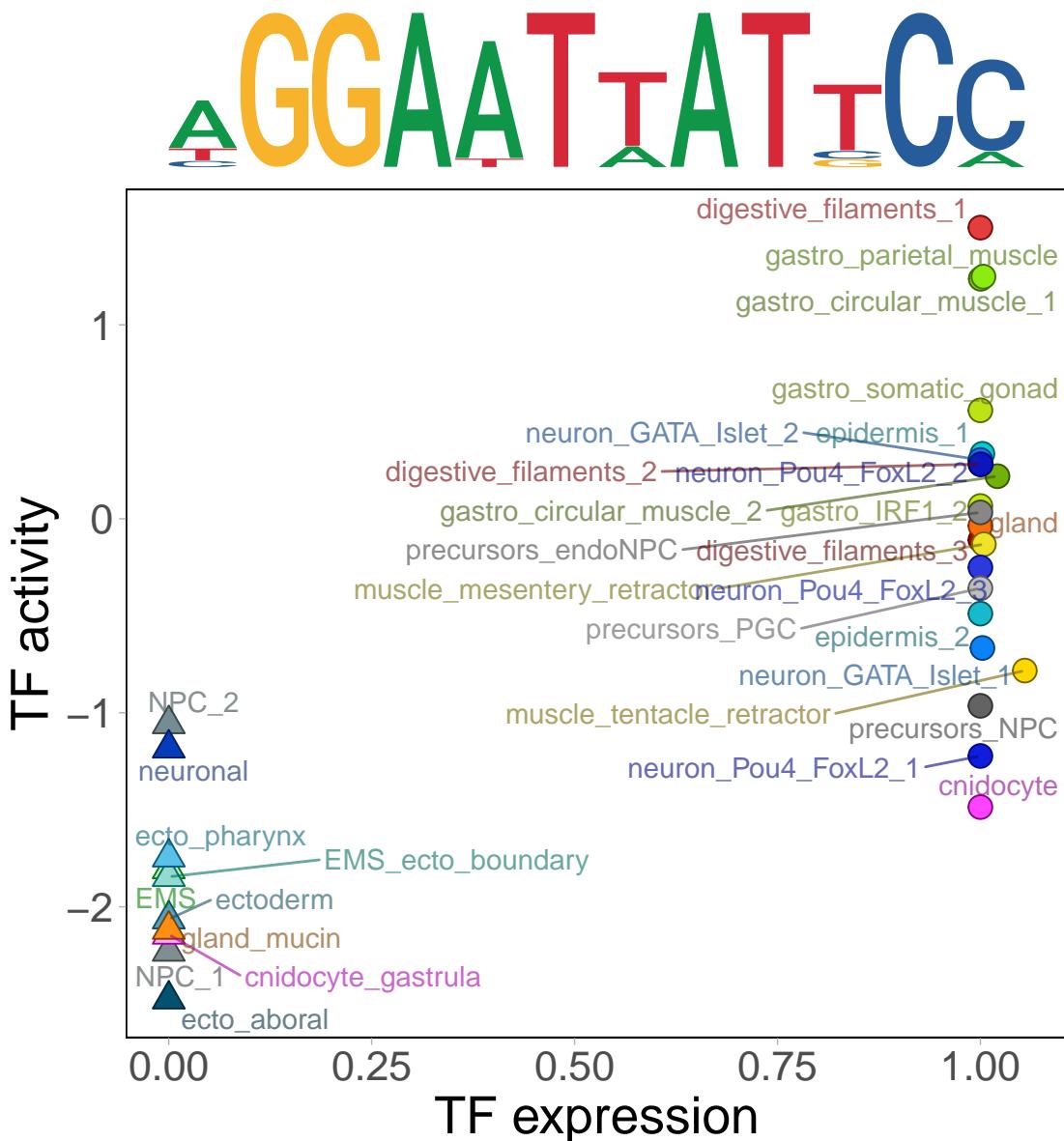
Nvec_vc1.1_XM_032377792.2
OG: MADS-box_SRF.HG1.2:BORCS8-
PFAM: SRF-TF/HJURP_C
motif: ARCH1333_Mef2c/Mef2b/Mef2a/
TF family: MADS-box_SRF
archetype family: MADS-box_SRF
CisBP assigned: TRUE
rank: 18
gene expression correlation: 0.1611
gene score correlation: -0.0796



Nvec_vc1.1_XM_032377883.2
OG: P53.HG1.6:like:TP53/TP63/TP73
PFAM: P53
motif: M11197_2.00
TF family: P53
archetype family: P53
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.4521
gene score correlation: 0.3429



Nvec_vc1.1_XM_032378000.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH1055_MF0010.1_Homeob
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 574
gene expression correlation: 0.7888
gene score correlation: 0.0702



Nvec_vc1.1_XM_032378152.2

OG: HMGbox_Sox.HG1.1:SOX30

PFAM: HMG_box

motif: ARCH482_/Lef1/Tcf7l1/Tcf7

TF family: HMGbox_Sox

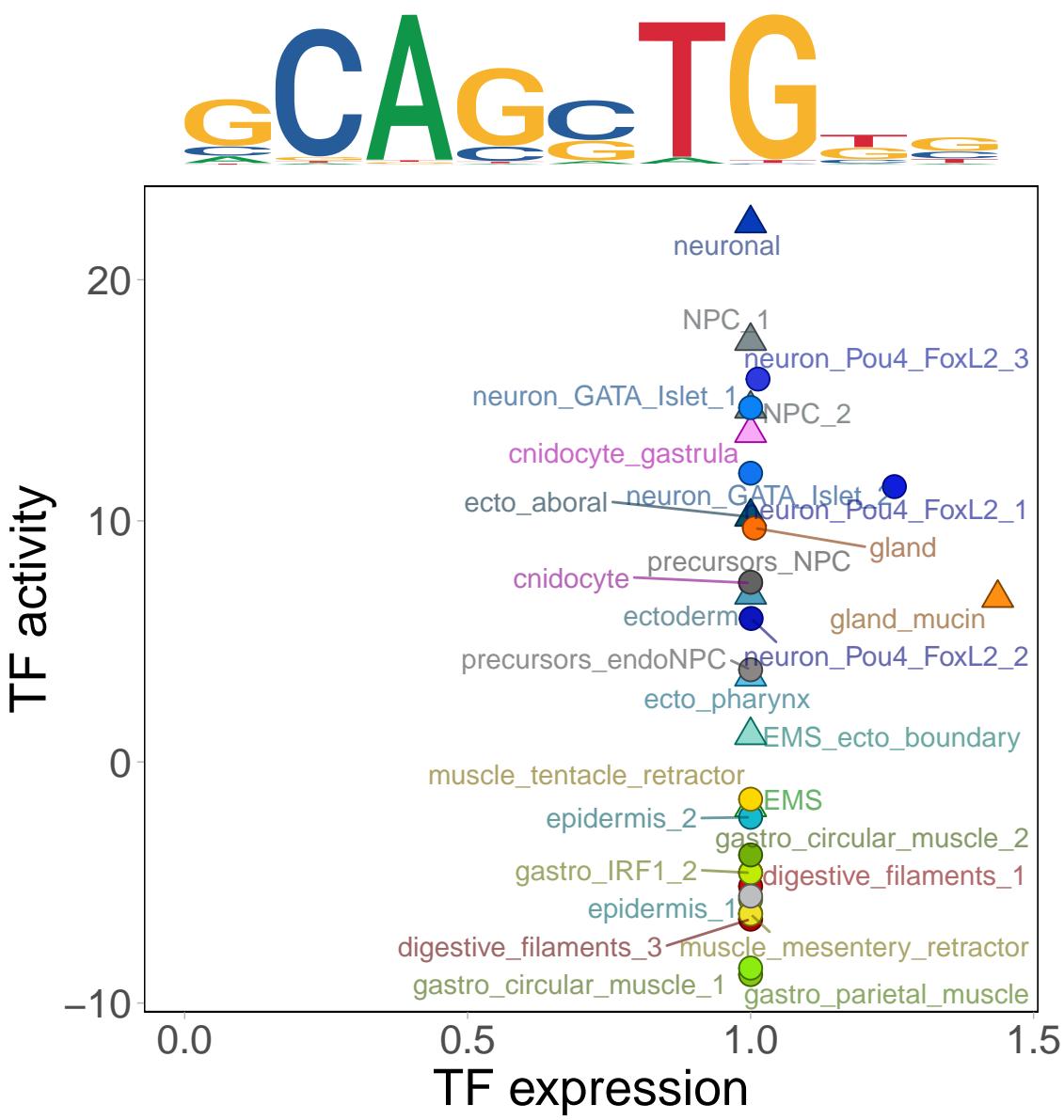
archetype family: HMGbox_Sox

CisBP assigned: FALSE

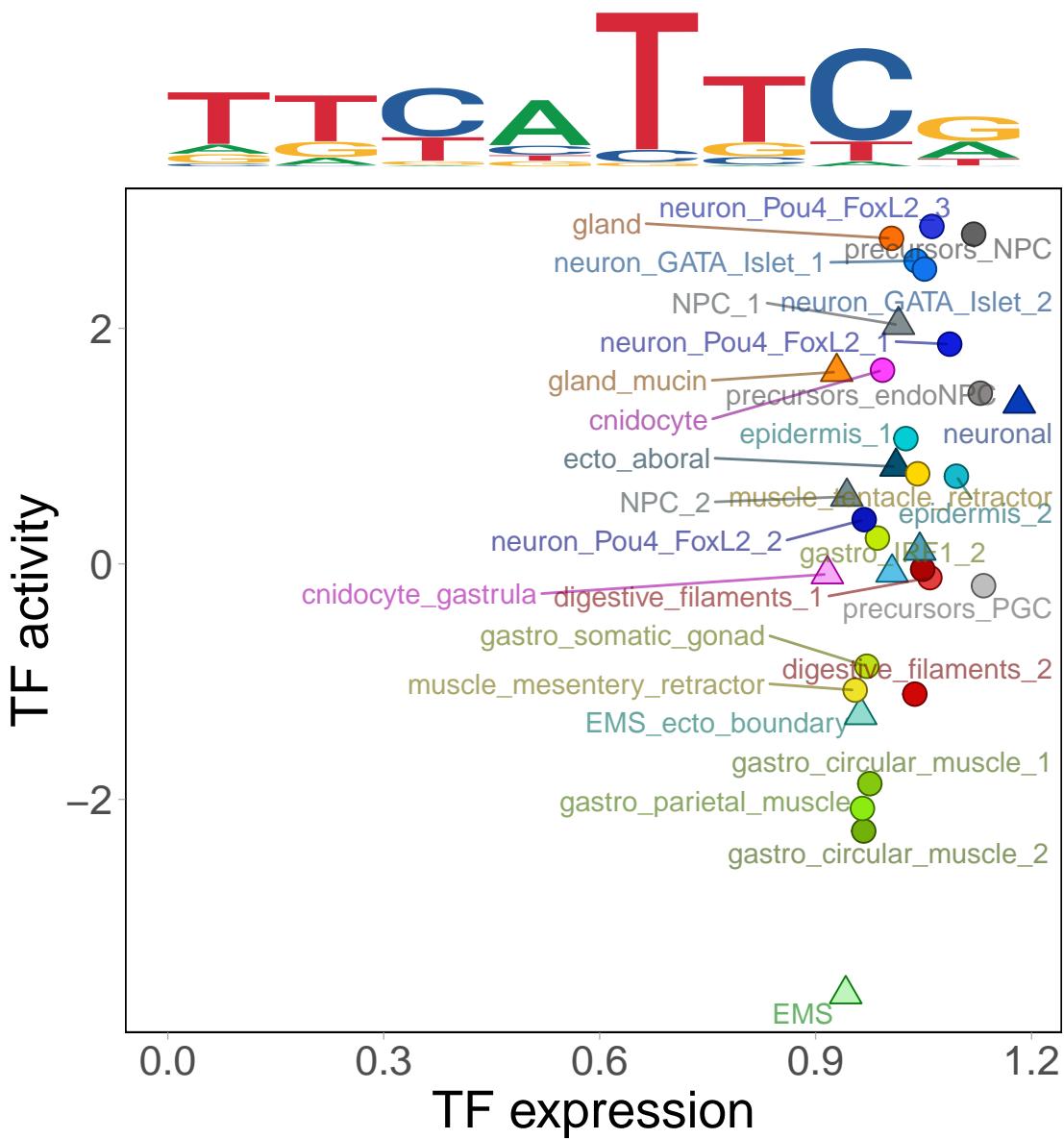
rank: 46

gene expression correlation: 0.1501

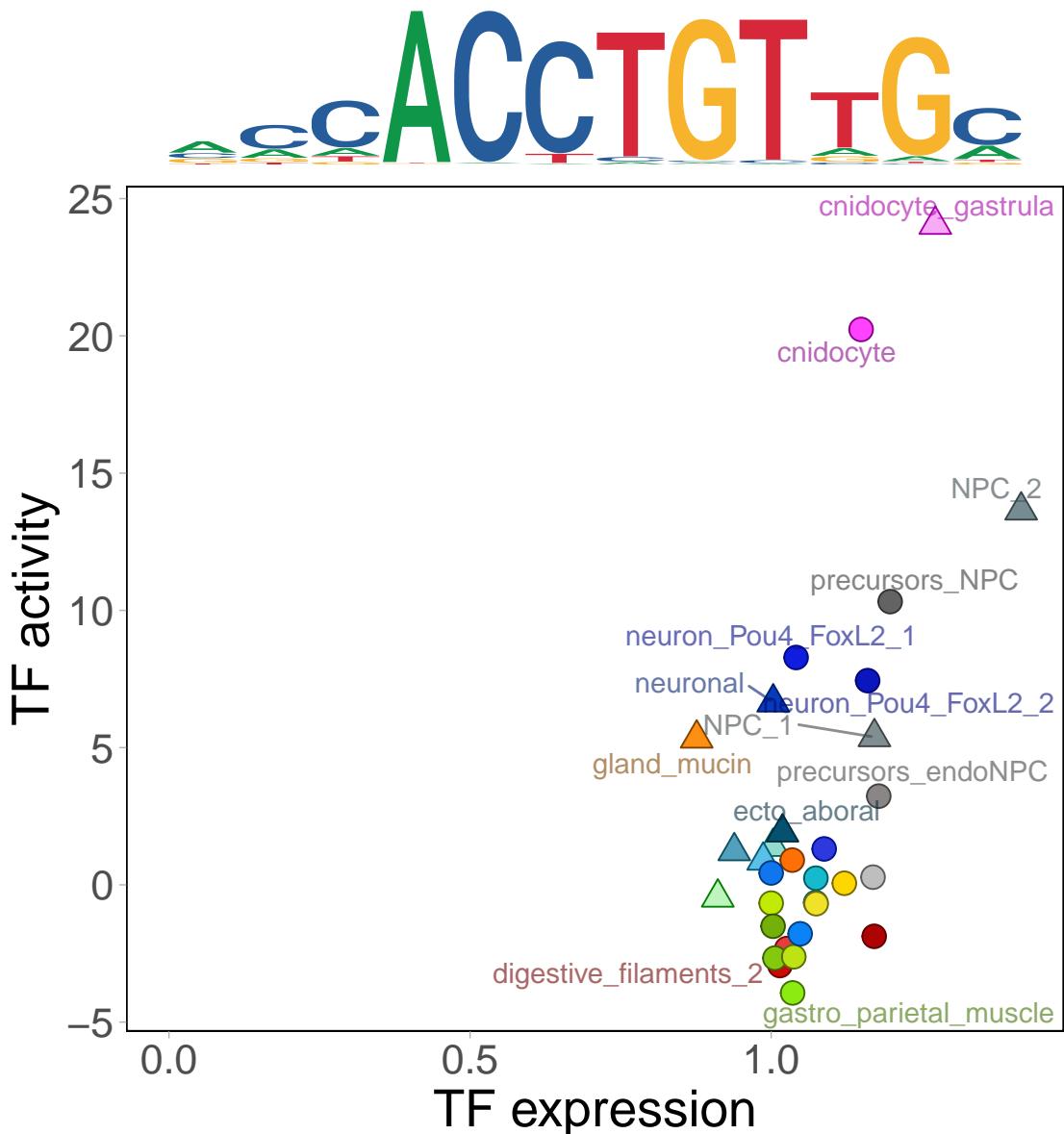
gene score correlation: 0.1698



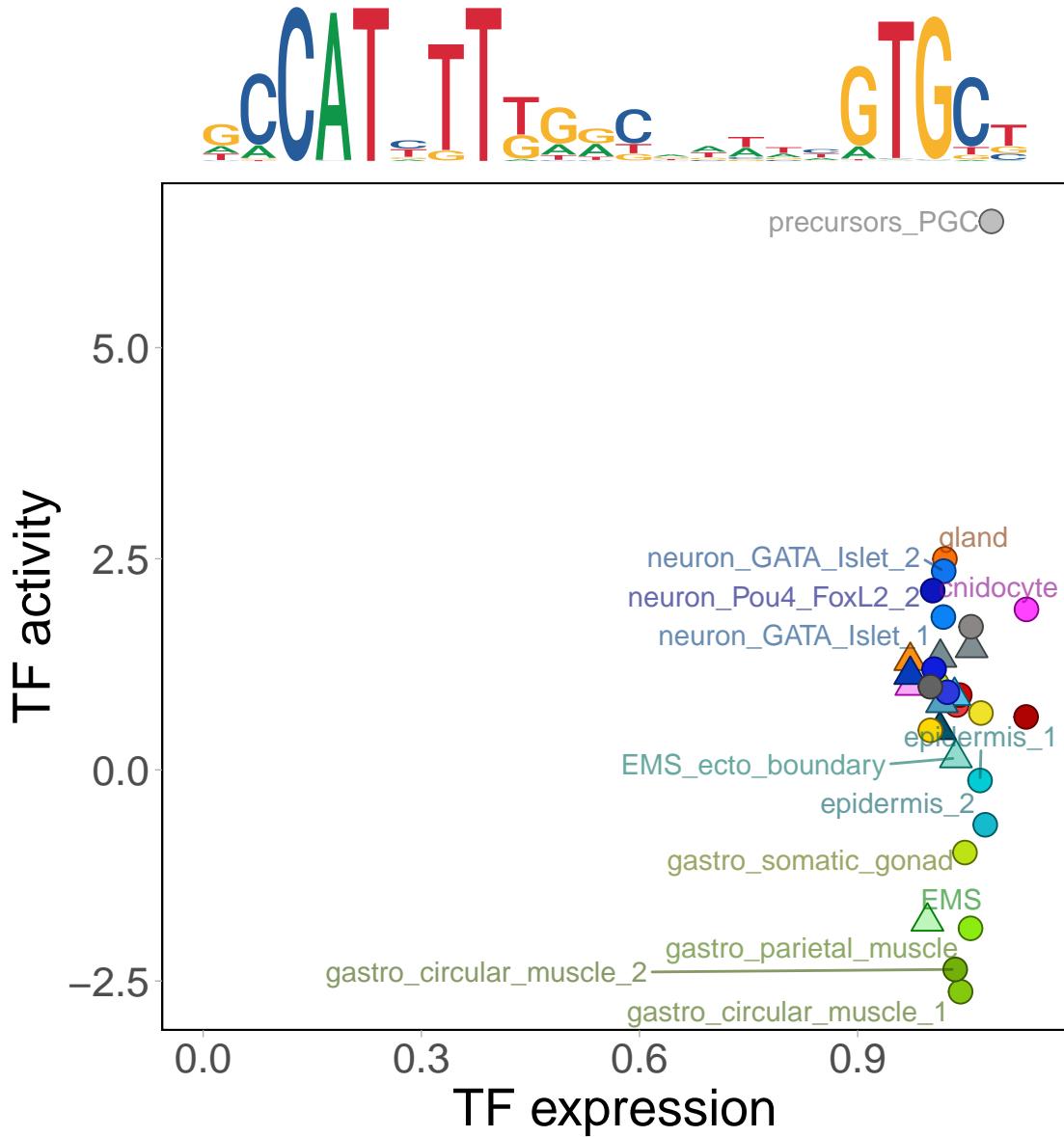
Nvec_vc1.1_XM_032378255.2
OG: zf-C2H2.HG105.0:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1204_ARR1_ZNF24
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1198
gene expression correlation: 0.4648
gene score correlation: 0.0879



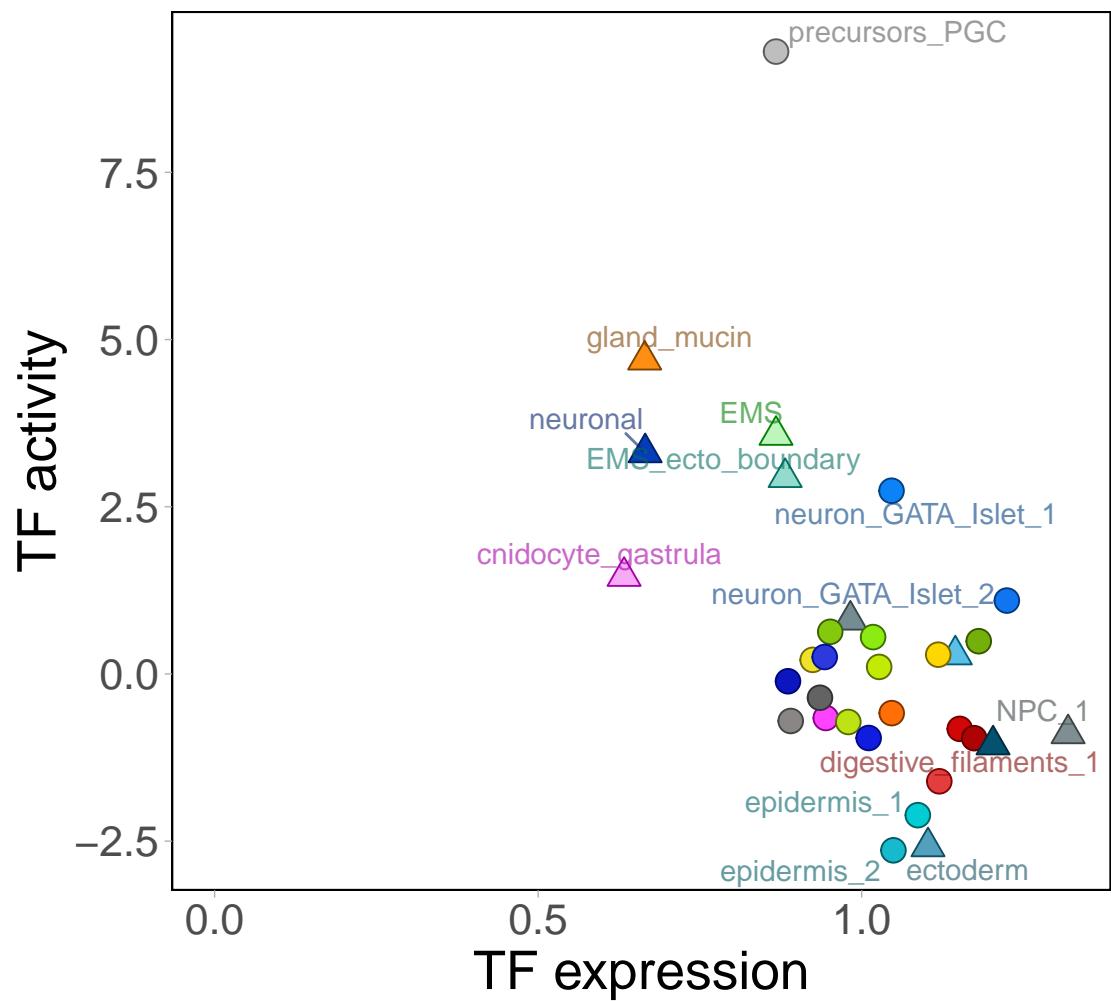
Nvec_vc1.1_XM_032378312.2
OG: zf-C2H2.HG119.1:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 119
gene expression correlation: 0.5695
gene score correlation: 0.5574



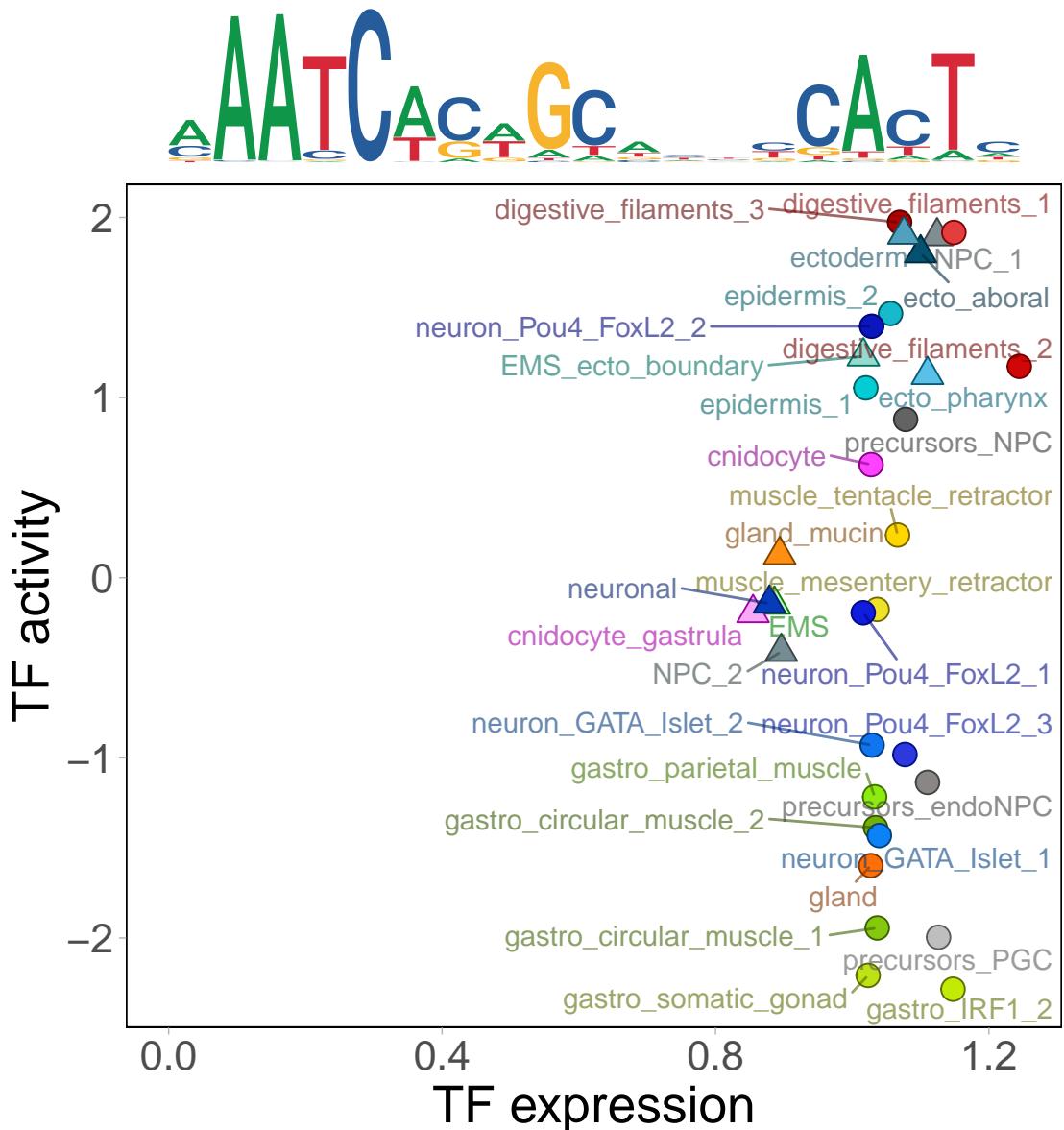
Nvec_vc1.1_XM_032378323.2
OG: zf-C2H2.HG9.0:PLAGL1/PLAGL2/
PFAM: zf-C2H2/zf-C2H2
motif: ARCH1255_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.0590
gene score correlation: 0.5524



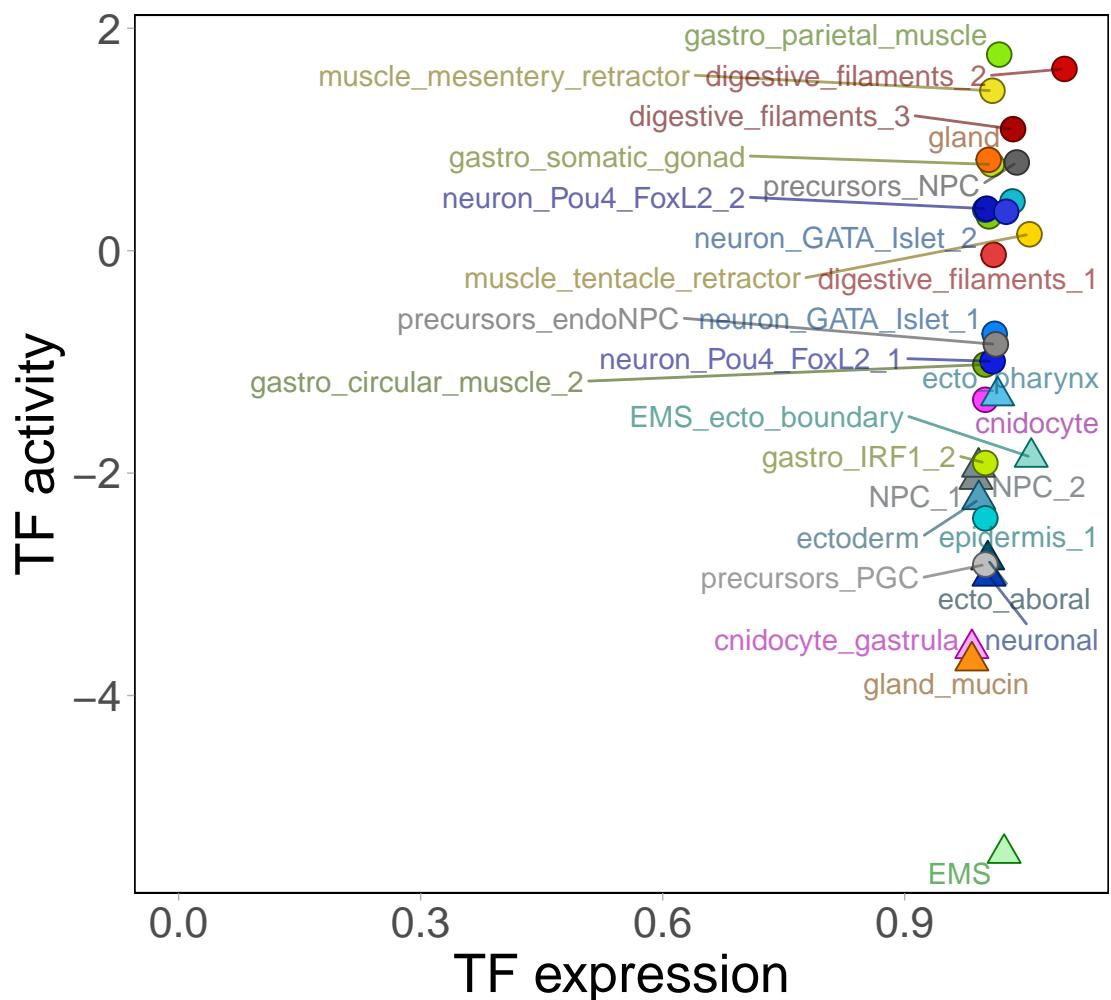
Nvec_vc1.1_XM_032378402.2
OG: E2F_TDP.HG1.1:TFDP1/TFDP2/T
PFAM: E2F_TDP/DP
motif: ARCH367_/E2f4_E2f6_E2f8/E2f..
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 342
gene expression correlation: -0.5293
gene score correlation: -0.1110



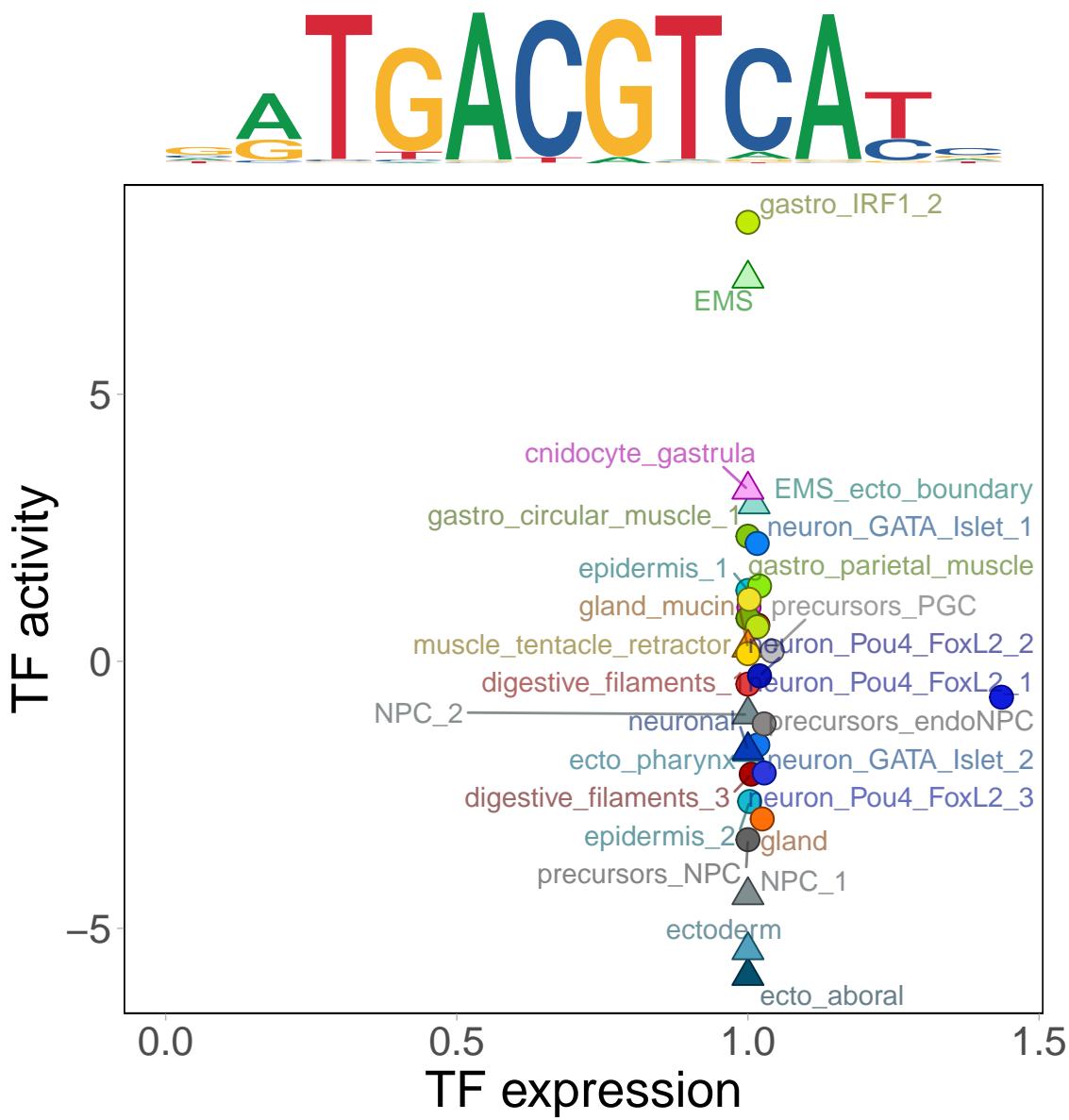
Nvec_vc1.1_XM_032378403.2
OG: zf-C2H2.HG1.209:like:AC008758.1
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 48
gene expression correlation: 0.1640
gene score correlation: 0.1728



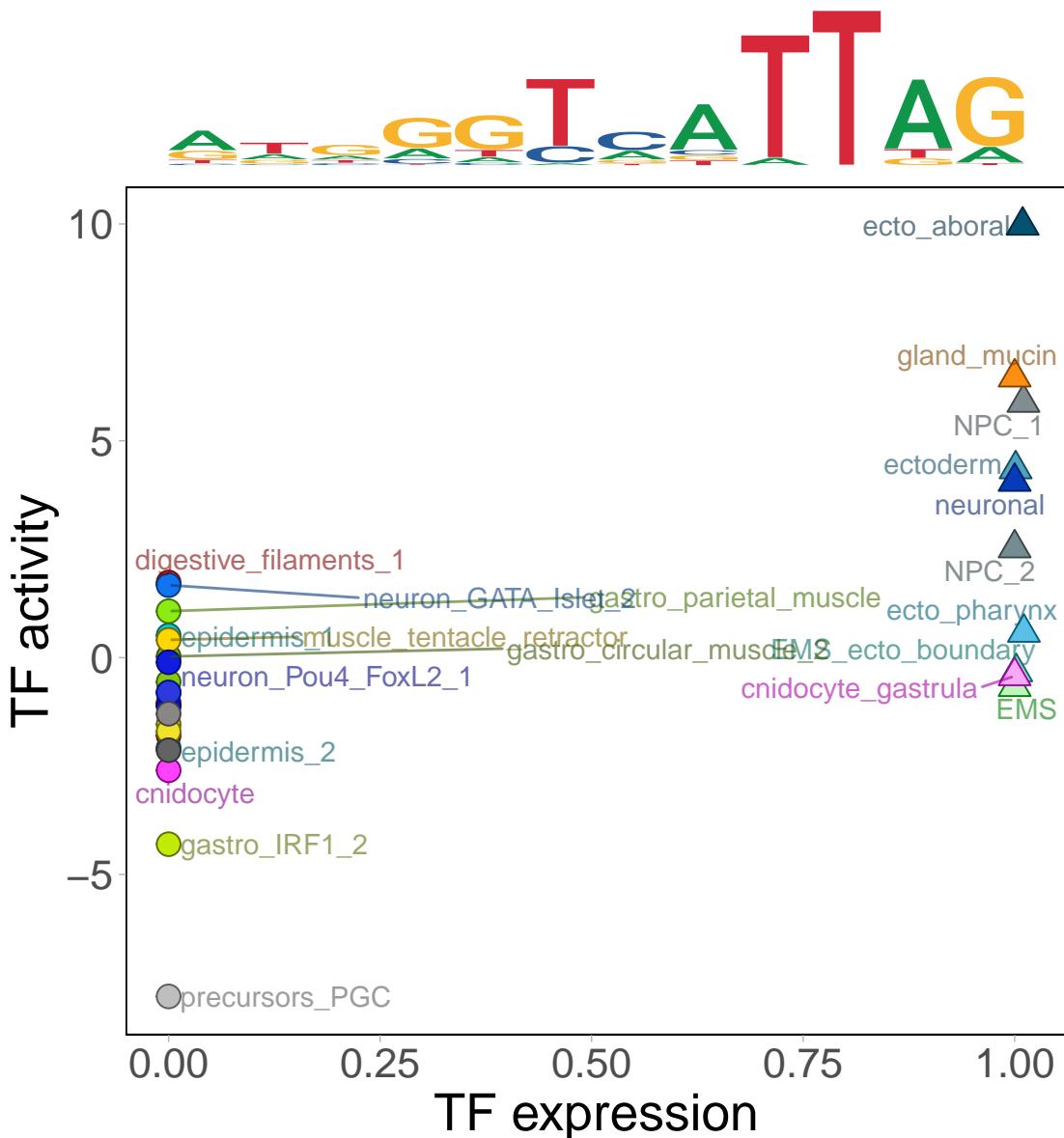
Nvec_vc1.1_XM_032378442.2
OG: Myb.HG3.0:like:HSPA14/MSANTD
PFAM: Myb_DNA-bind_4
motif: ARCH1391_MYB113
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 165
gene expression correlation: 0.4421
gene score correlation: 0.1628



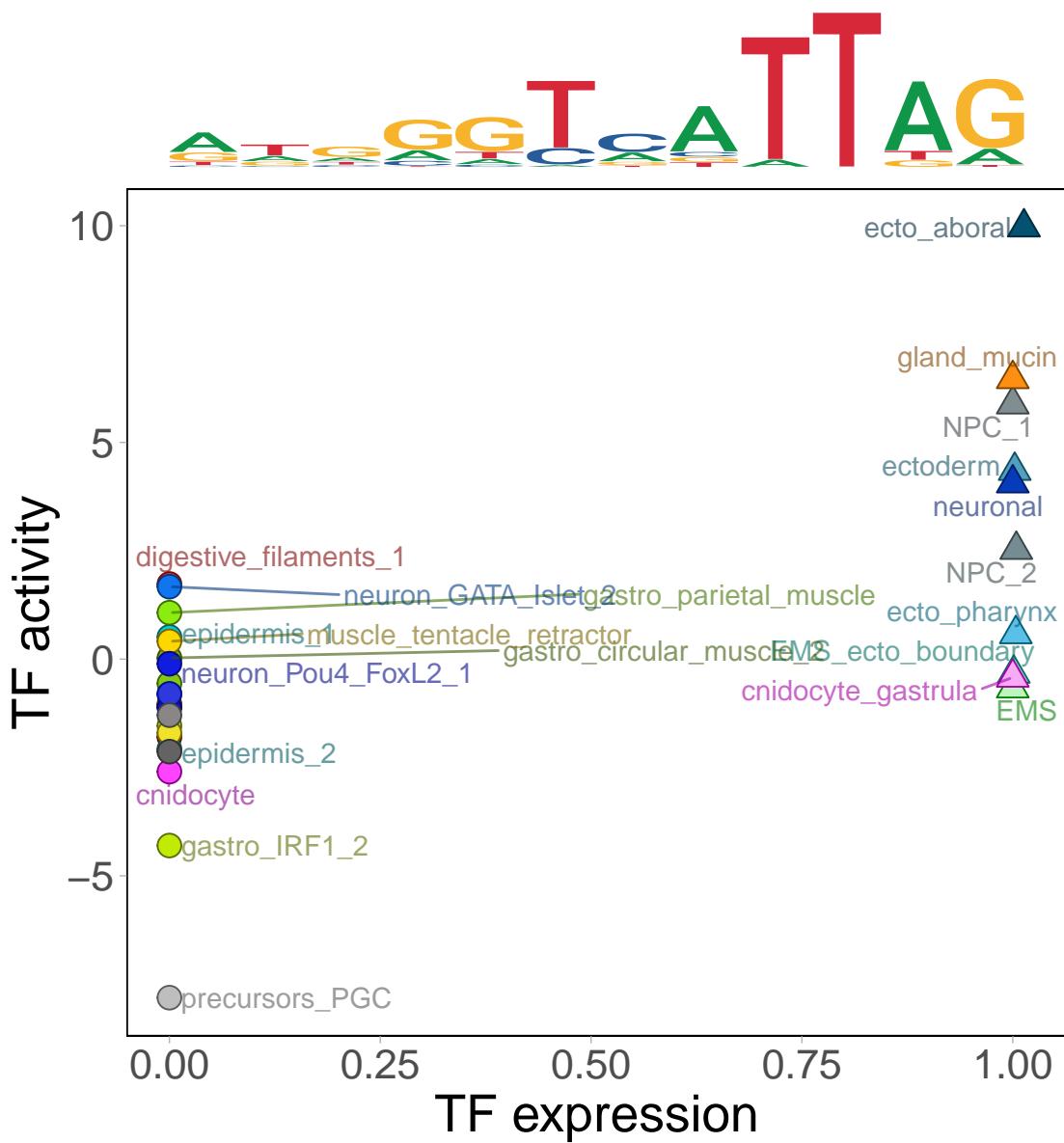
Nvec_vc1.1_XM_032378649.2
OG: bZIP.HG1.10:like:ATF3/FOS/FOSB
PFAM: bZIP_1
motif: M04272_2.00
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.0424
gene score correlation: 0.5356



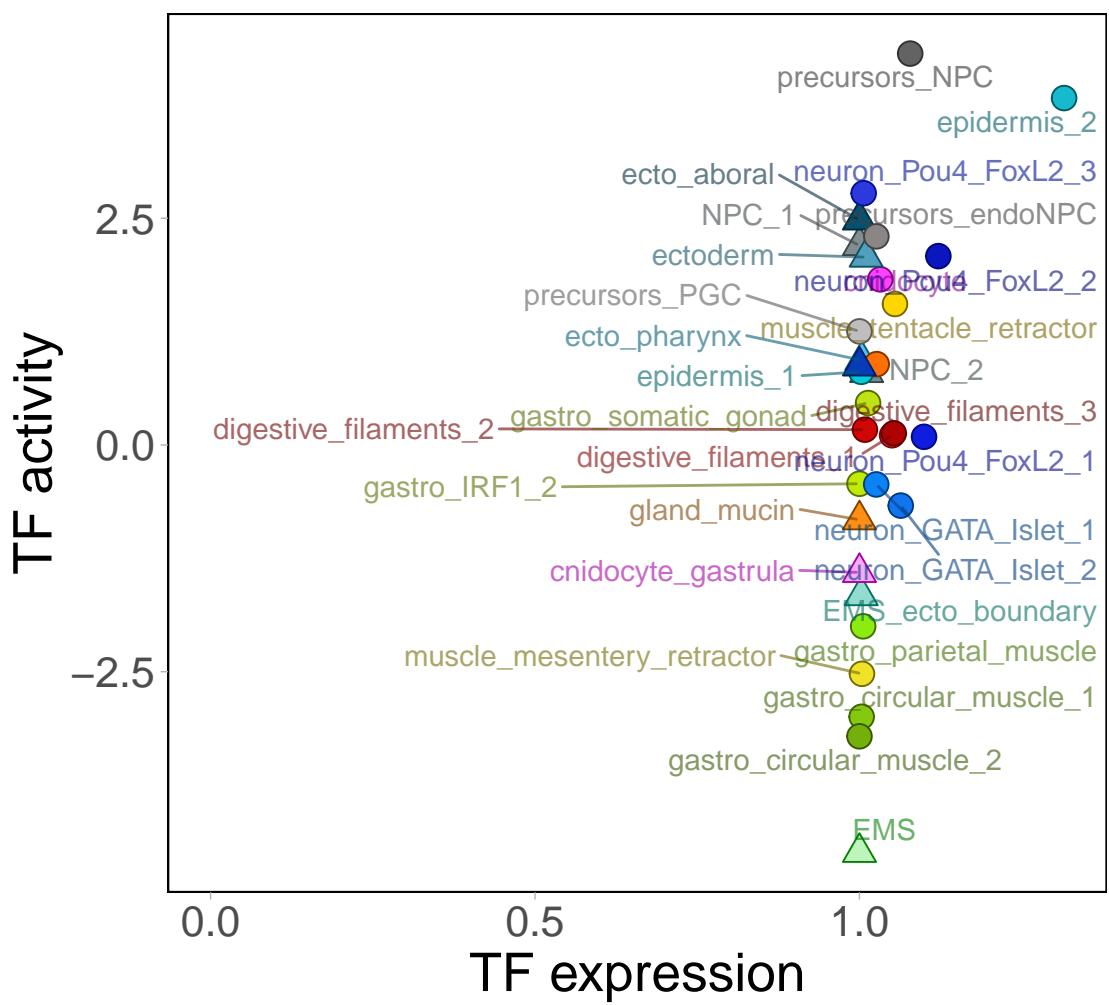
Nvec_vc1.1_XM_032378769.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 57
gene expression correlation: 0.6304
gene score correlation: 0.6321



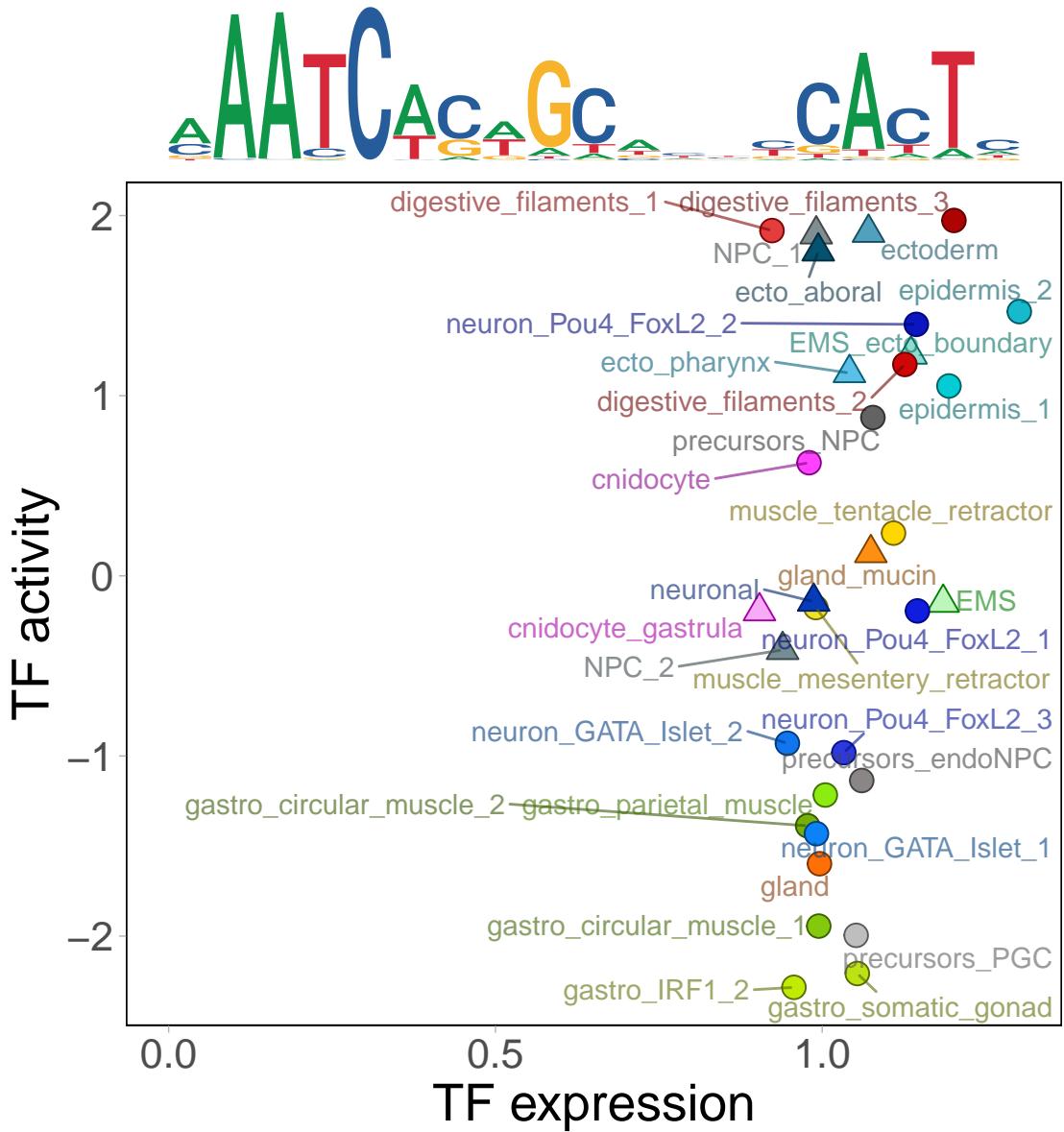
Nvec_vc1.1_XM_032378779.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 58
gene expression correlation: 0.6308
gene score correlation: 0.6029



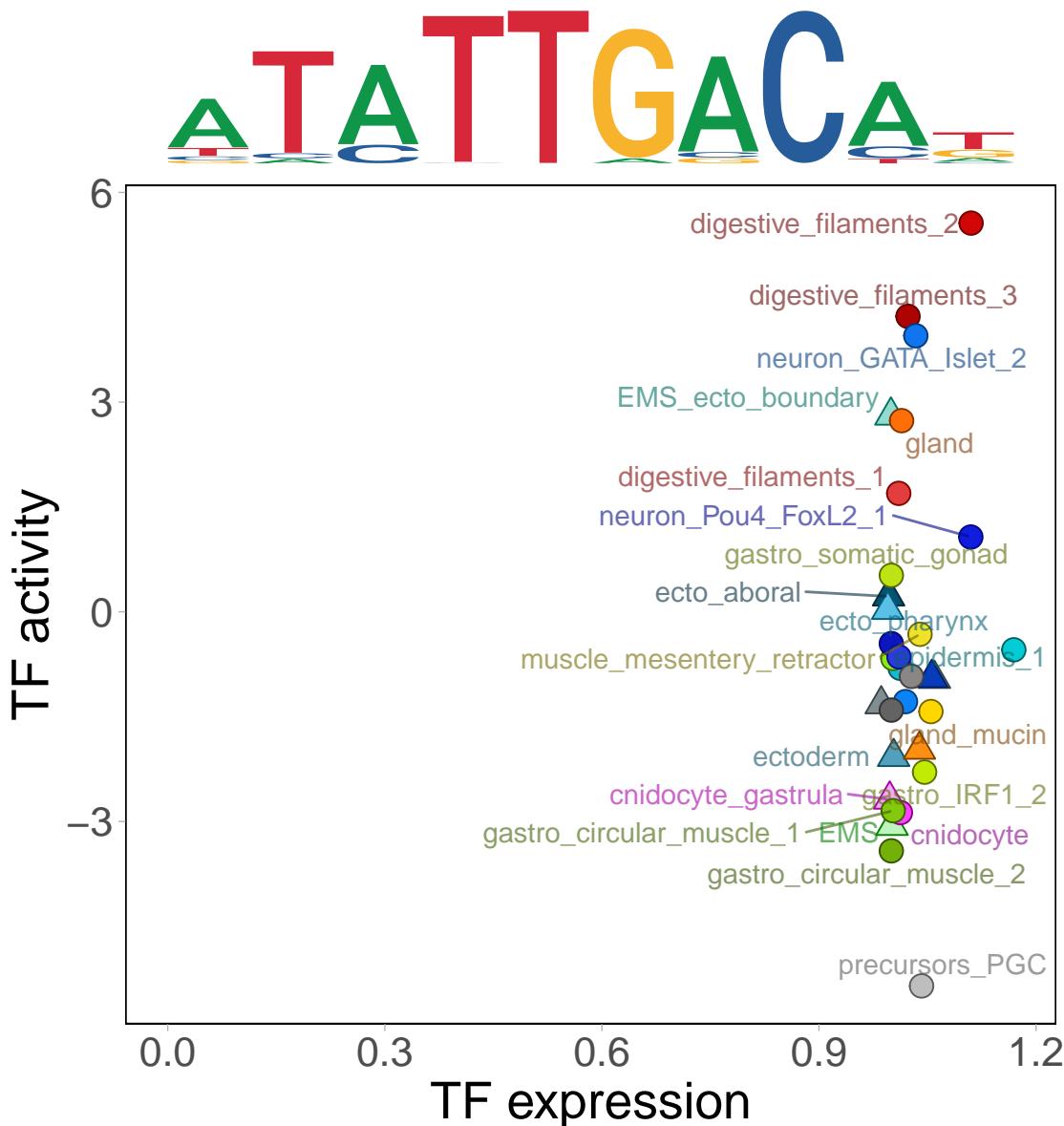
Nvec_vc1.1_XM_032378839.2
OG: Forkhead.HG1.14:like:FOXN1/FOX
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.4321
gene score correlation: 0.5927



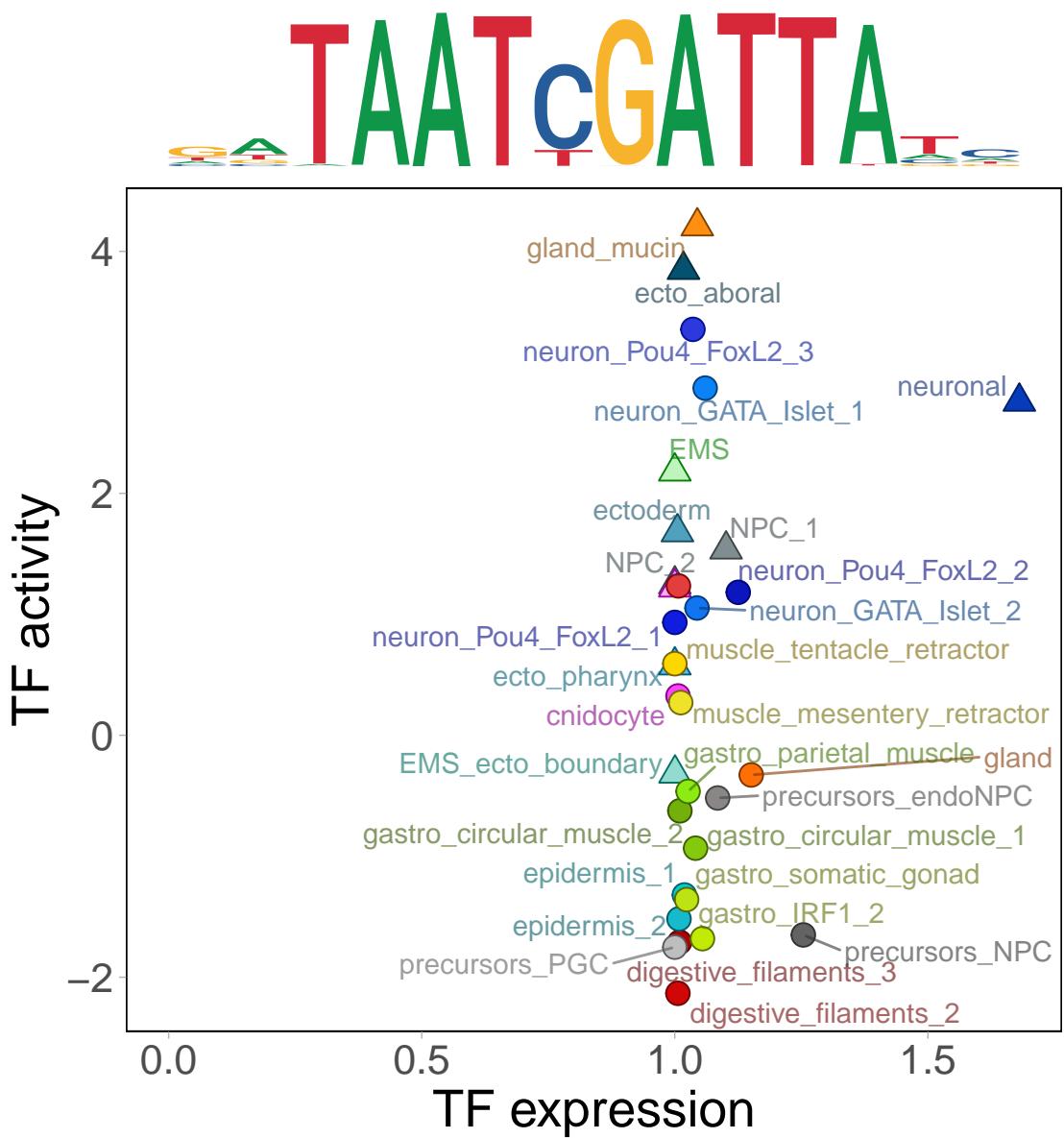
Nvec_vc1.1_XM_032378941.2
OG: zf-C2H2.HG117.0:ZNF800
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 93
gene expression correlation: 0.3835
gene score correlation: 0.2215



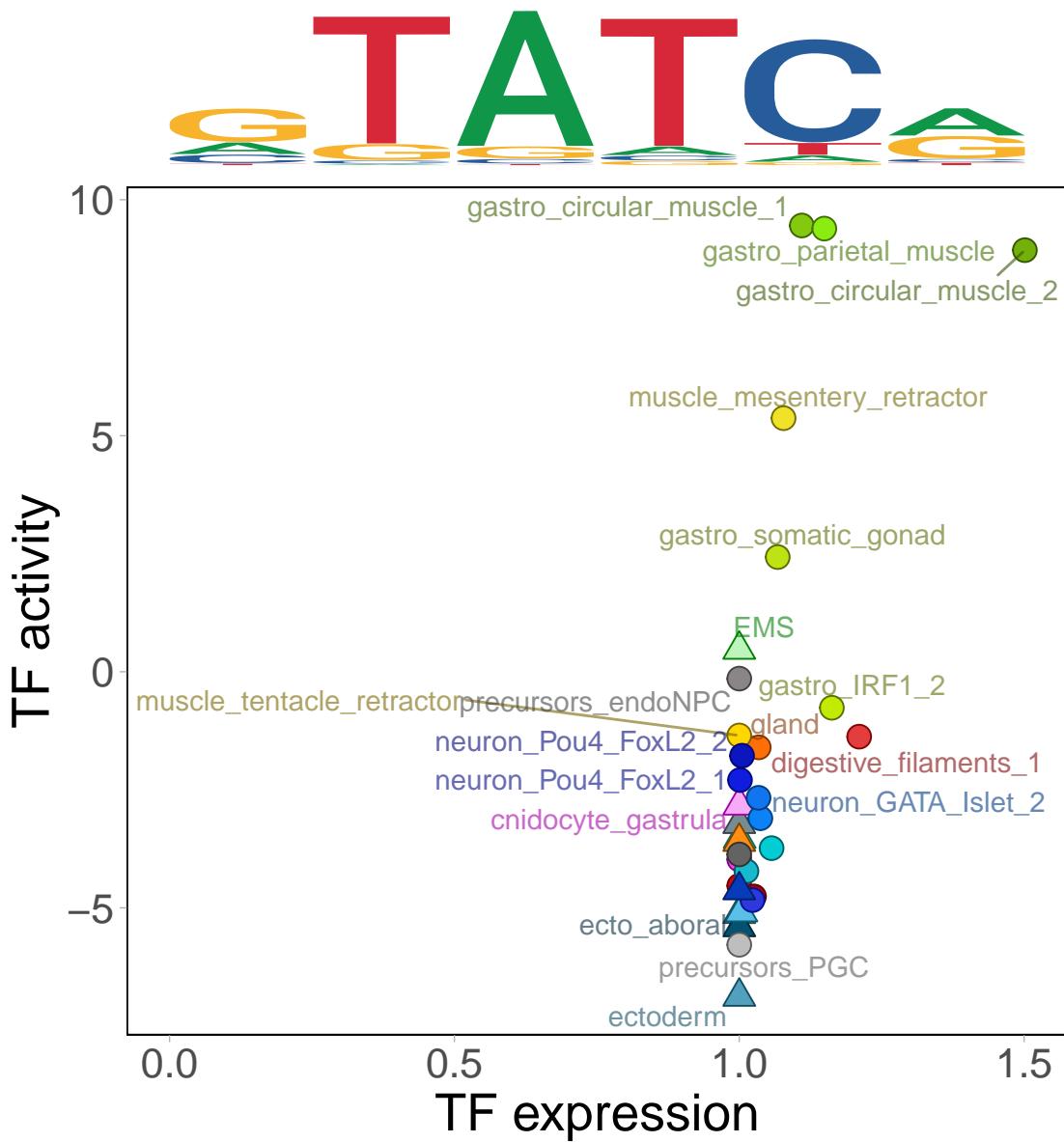
Nvec_vc1.1_XM_032379152.2
OG: Forkhead.HG1.13:like:FOXN1/FOX
PFAM: Forkhead
motif: ARCH1547_FOXB1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.2177
gene score correlation: 0.4829



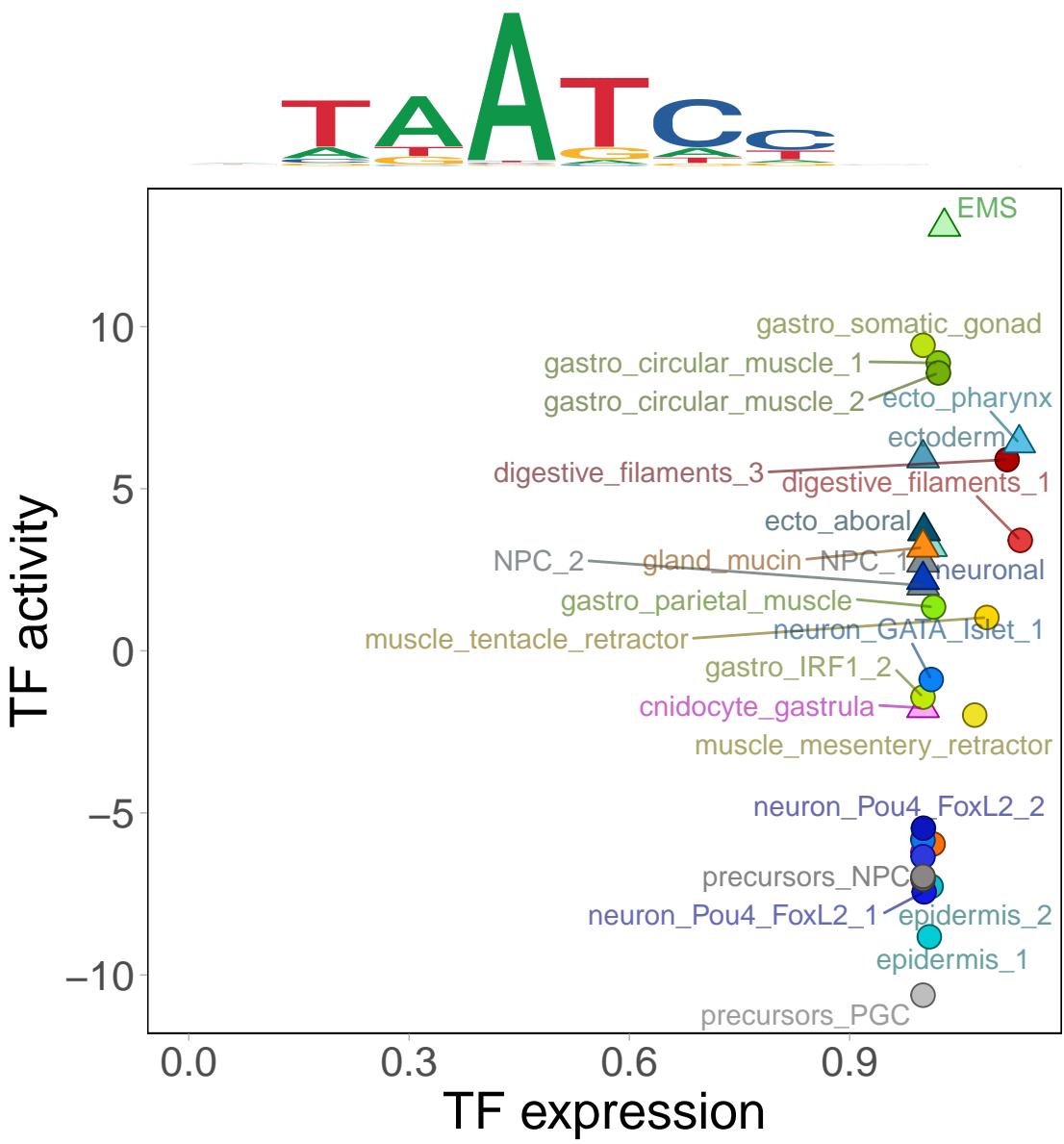
Nvec_vc1.1_XM_032379347.2
OG: Homeodomains.HG2.29:PAX4/PAX
PFAM: PAX/Homeodomain
motif: M03887_2.00
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.1734
gene score correlation: 0.0898



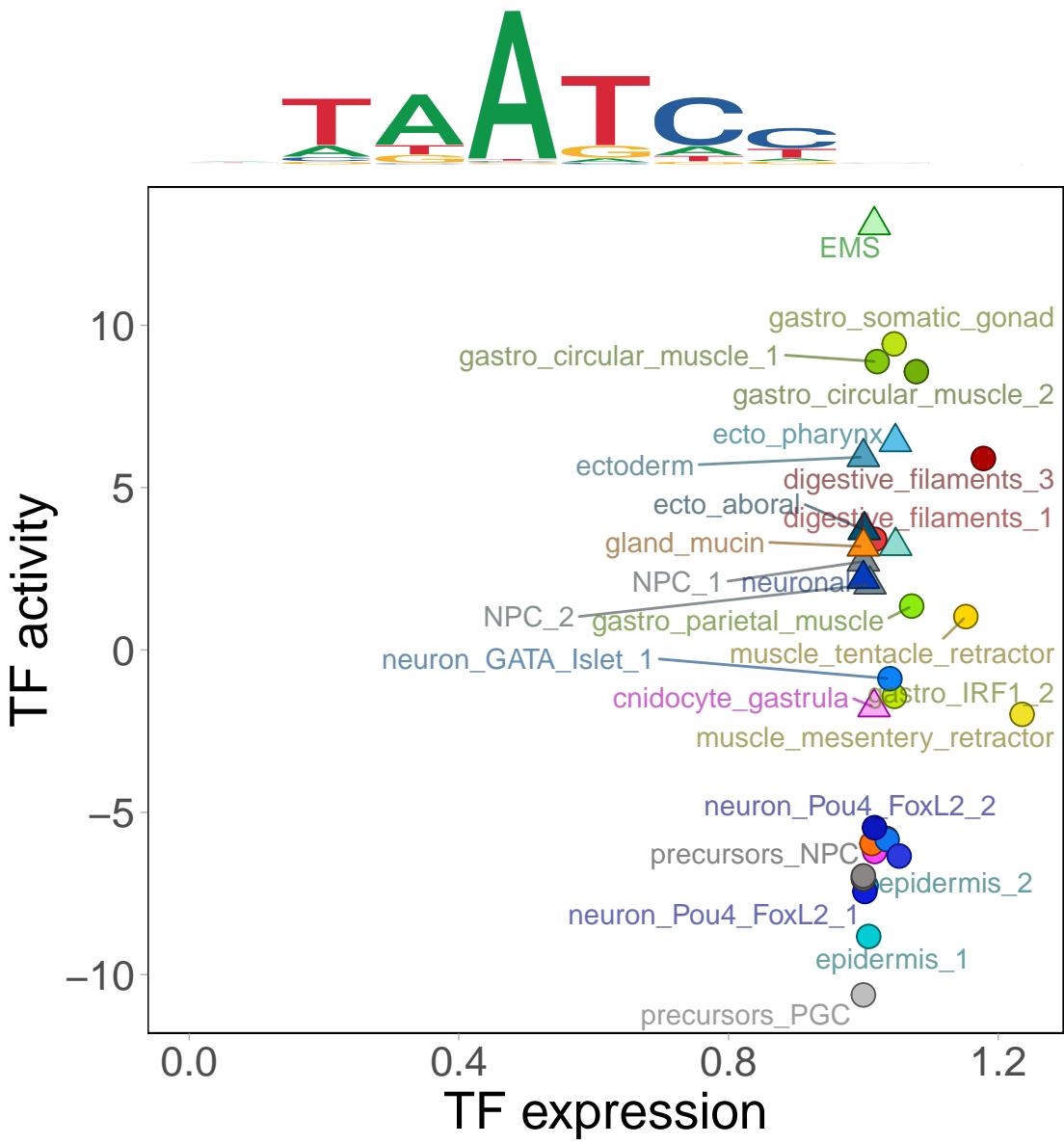
Nvec_vc1.1_XM_032379348.2
OG: Homeodomains.HG2.72:like:DMB
PFAM: Homeodomain
motif: ARCH636_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 26
gene expression correlation: 0.6665
gene score correlation: 0.5759



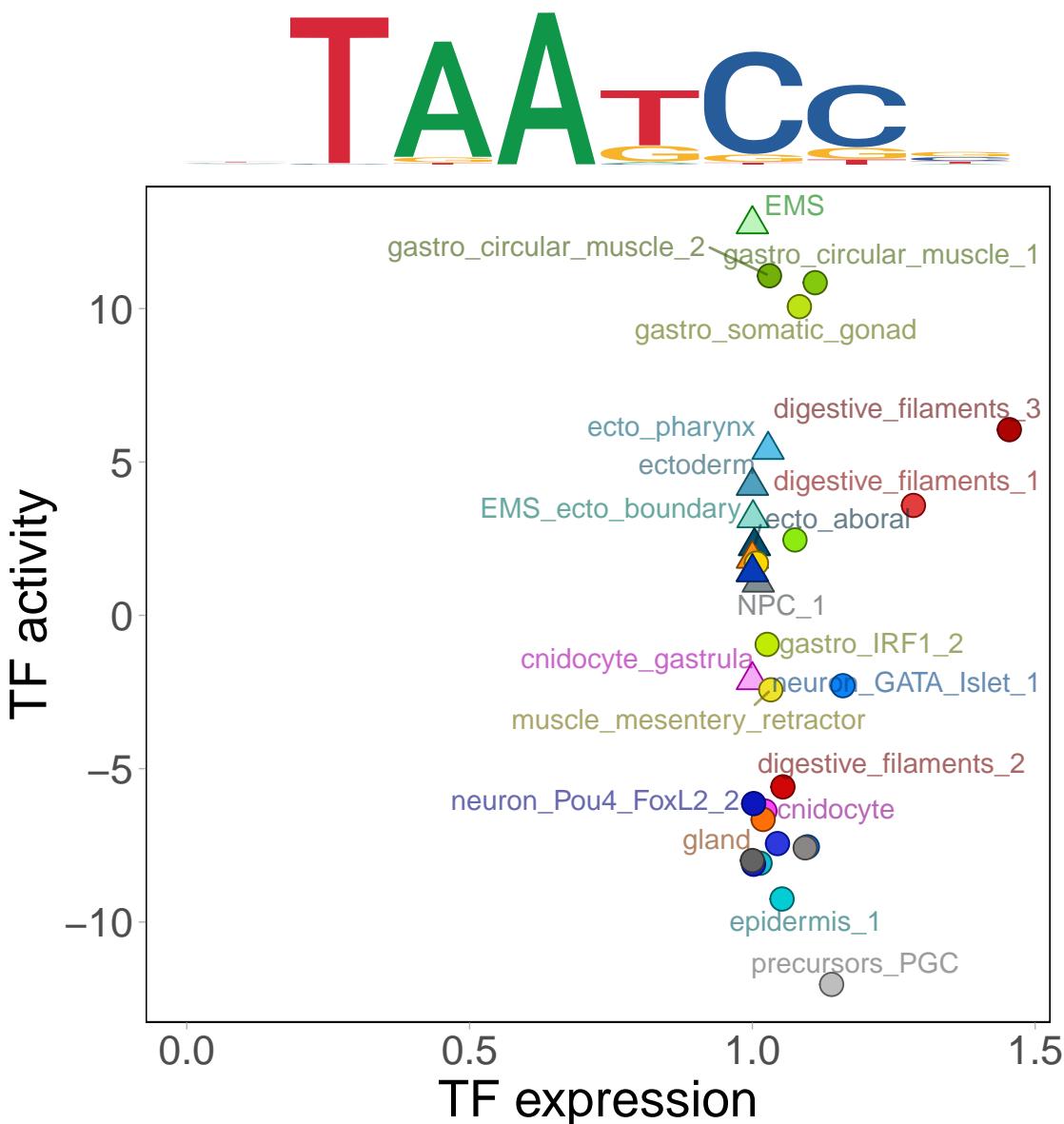
Nvec_vc1.1_XM_032379394.2
OG: Homeodomains.HG2.77:like:DMB
PFAM: Homeodomain
motif: M00490_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.3462
gene score correlation: 0.4335



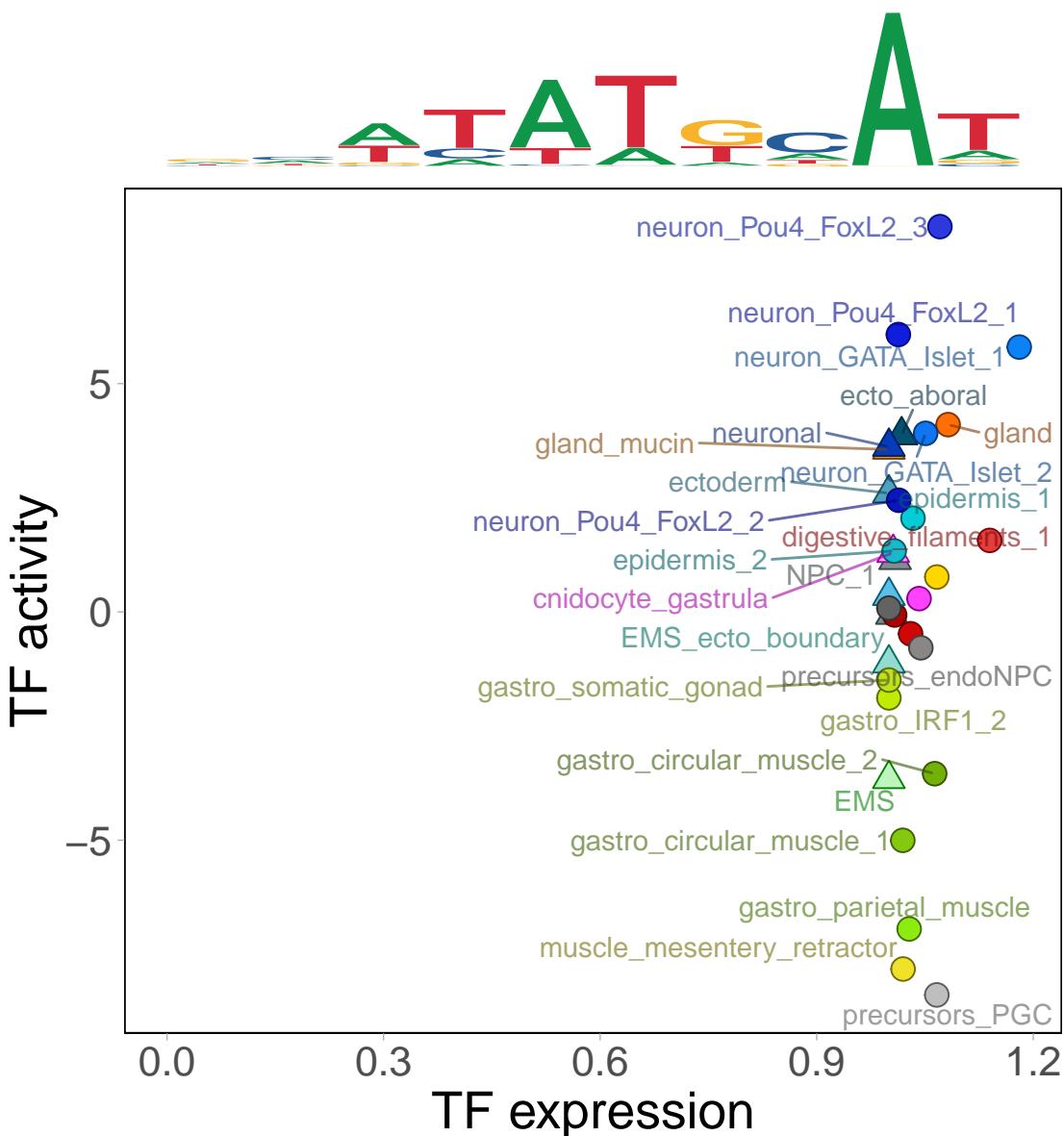
Nvec_vc1.1_XM_032379398.2
OG: Homeodomains.HG2.75:DMBX1
PFAM: Homeodomain
motif: M00490_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1837
gene score correlation: 0.2377



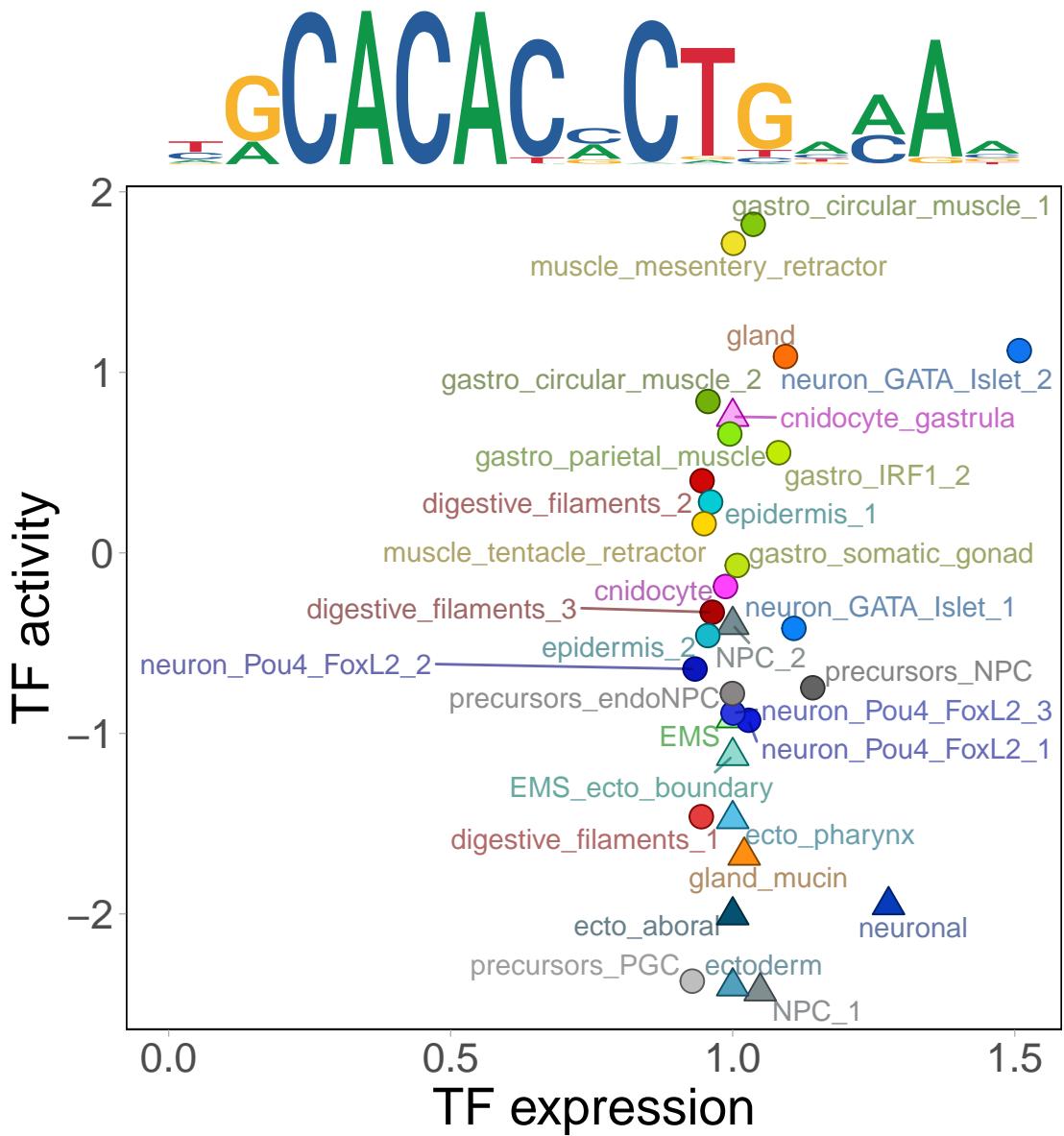
Nvec_vc1.1_XM_032379400.2
OG: Homeodomains.HG2.76:like:DMB
PFAM: Homeodomain
motif: Nvec_vc1.1_XM_032379400.2_H
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1329
gene score correlation: 0.4543



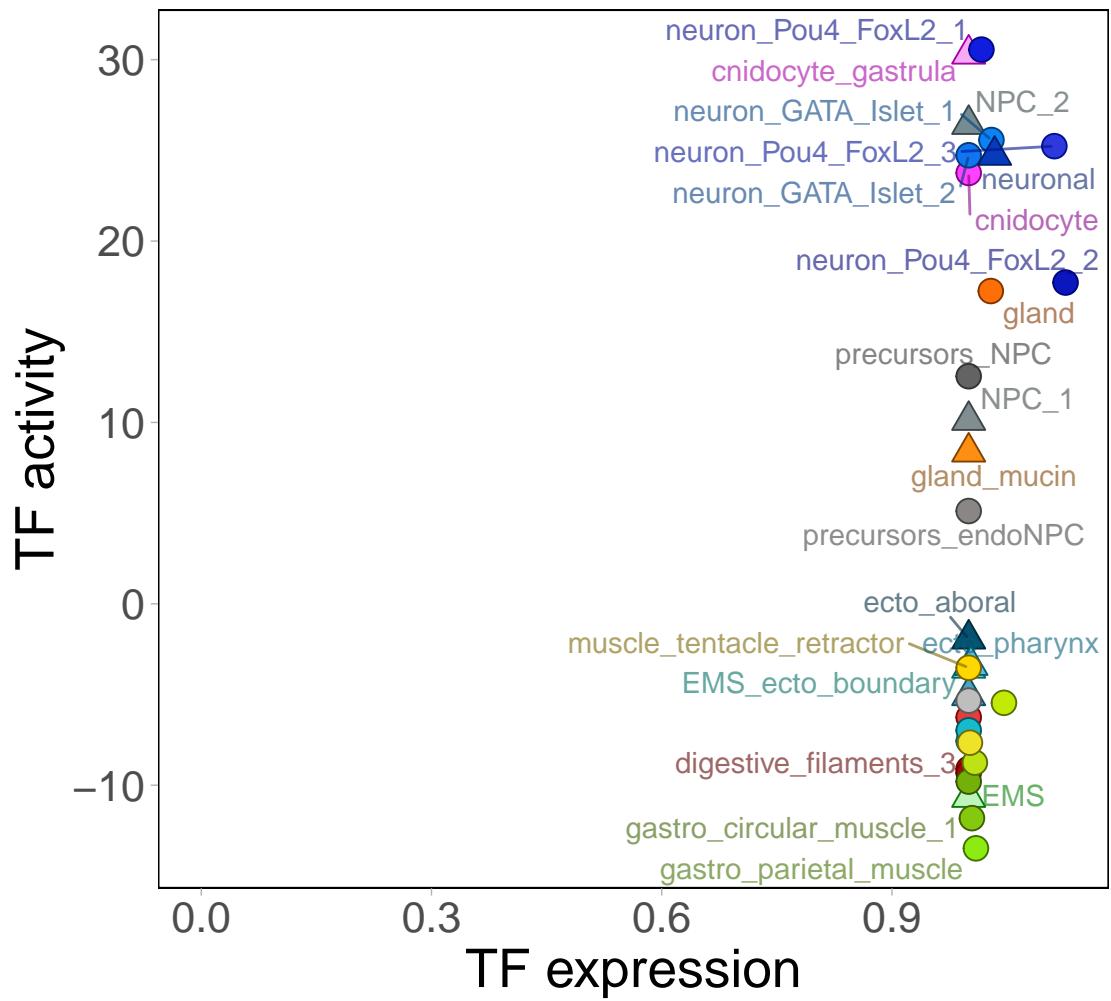
Nvec_vc1.1_XM_032379457.2
OG: Homeodomains.HG4.2:POU1F1
PFAM: Pou/Homeodomain
motif: Nvec_vc1.1_XM_032379457.2_H
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2110
gene score correlation: 0.3790



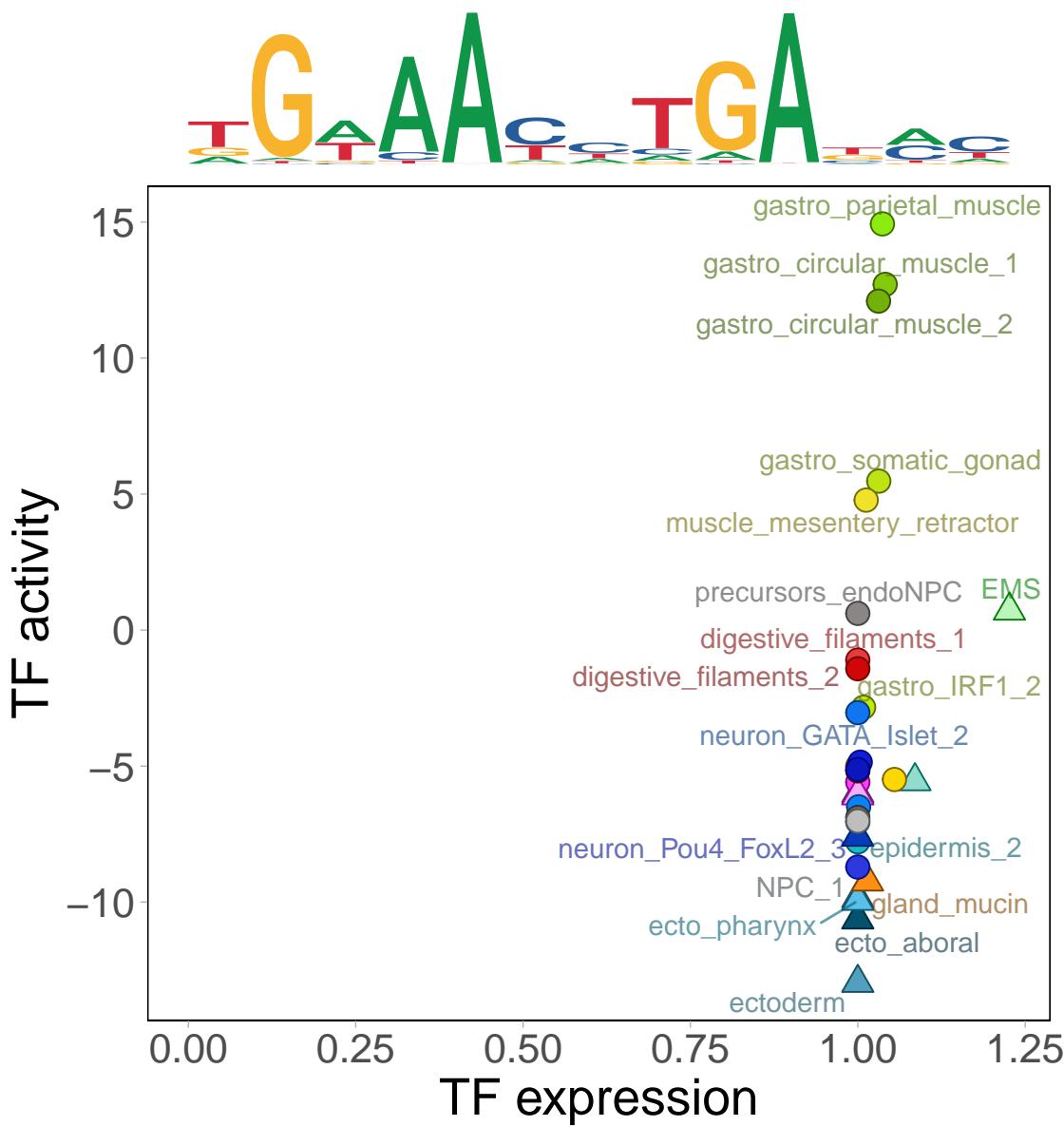
Nvec_vc1.1_XM_032379498.2
OG: zf-C2H2.HG1.6:like:AC008758.1/A
PFAM: zf-C2H2/zf-C2H2/zf-C2H2_4
motif: ARCH1368_M04483_2.00__M04
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.1353
gene score correlation: 0.0576



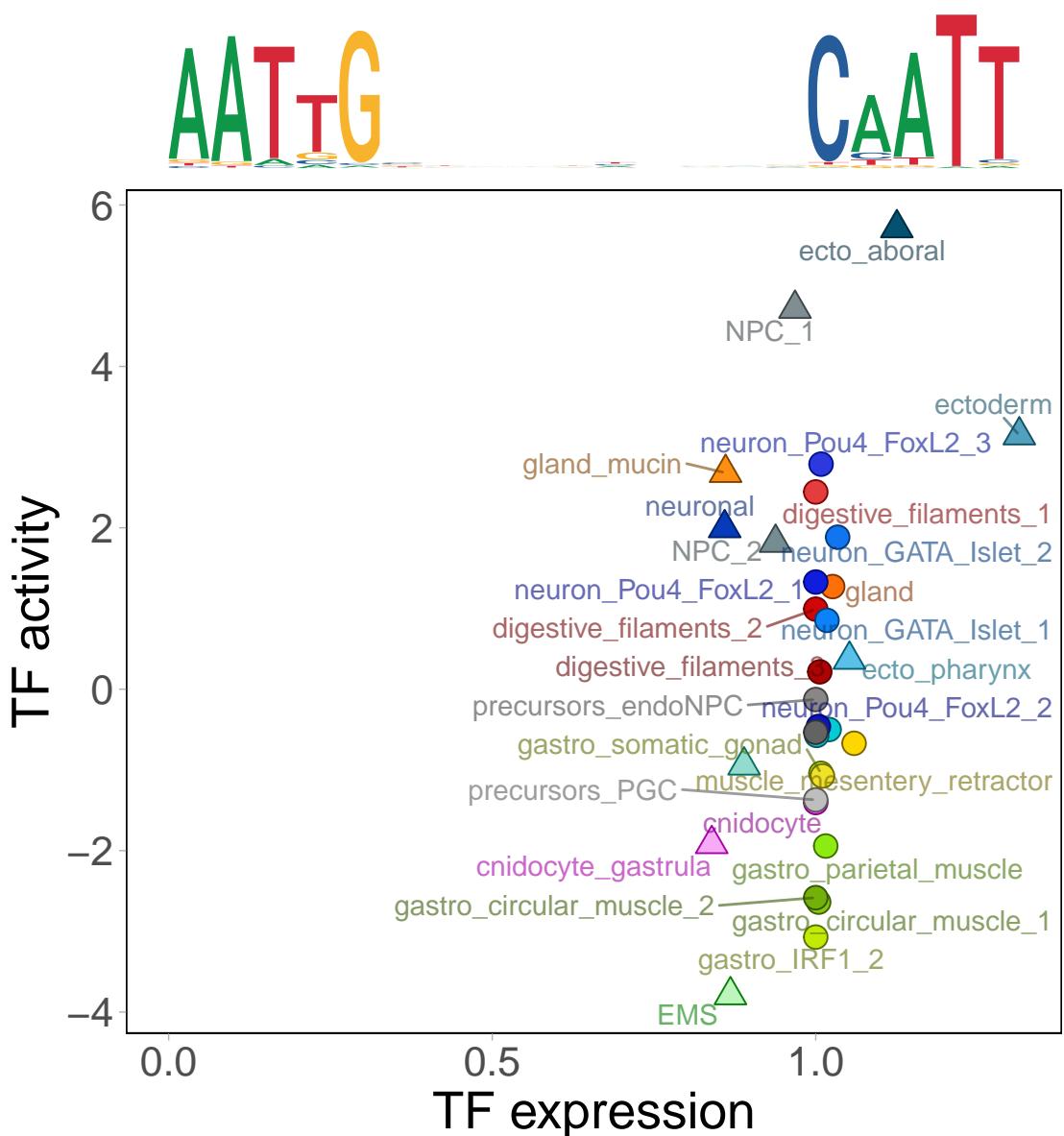
Nvec_vc1.1_XM_032379677.2
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2_1
motif: ARCH530_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 201
gene expression correlation: 0.3650
gene score correlation: 0.2696



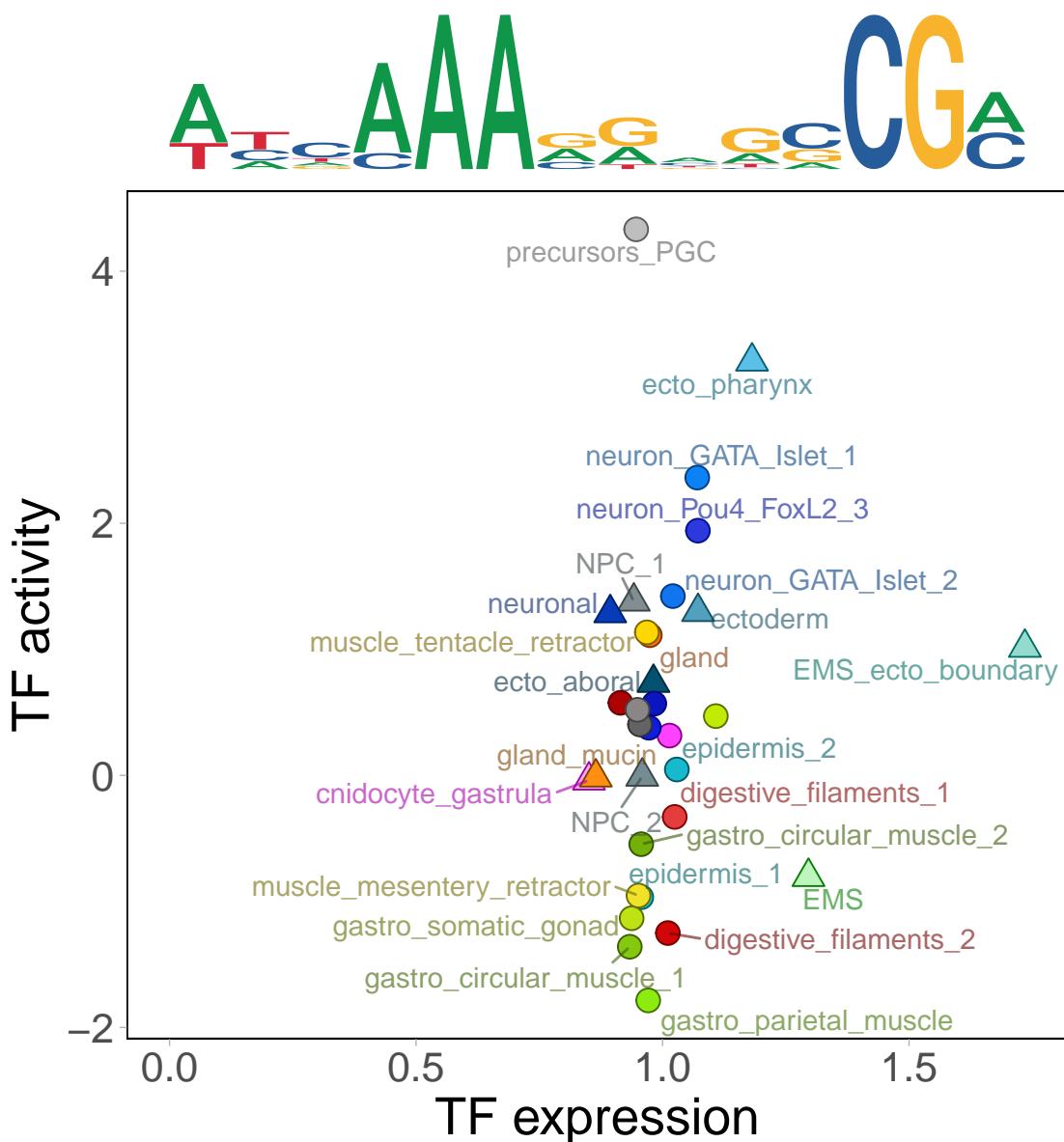
Nvec_vc1.1_XM_032379723.2
OG: Homeodomains.HG2.66:ALX1/ALX
PFAM: Homeodomain/OAR
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.3033
gene score correlation: 0.6808



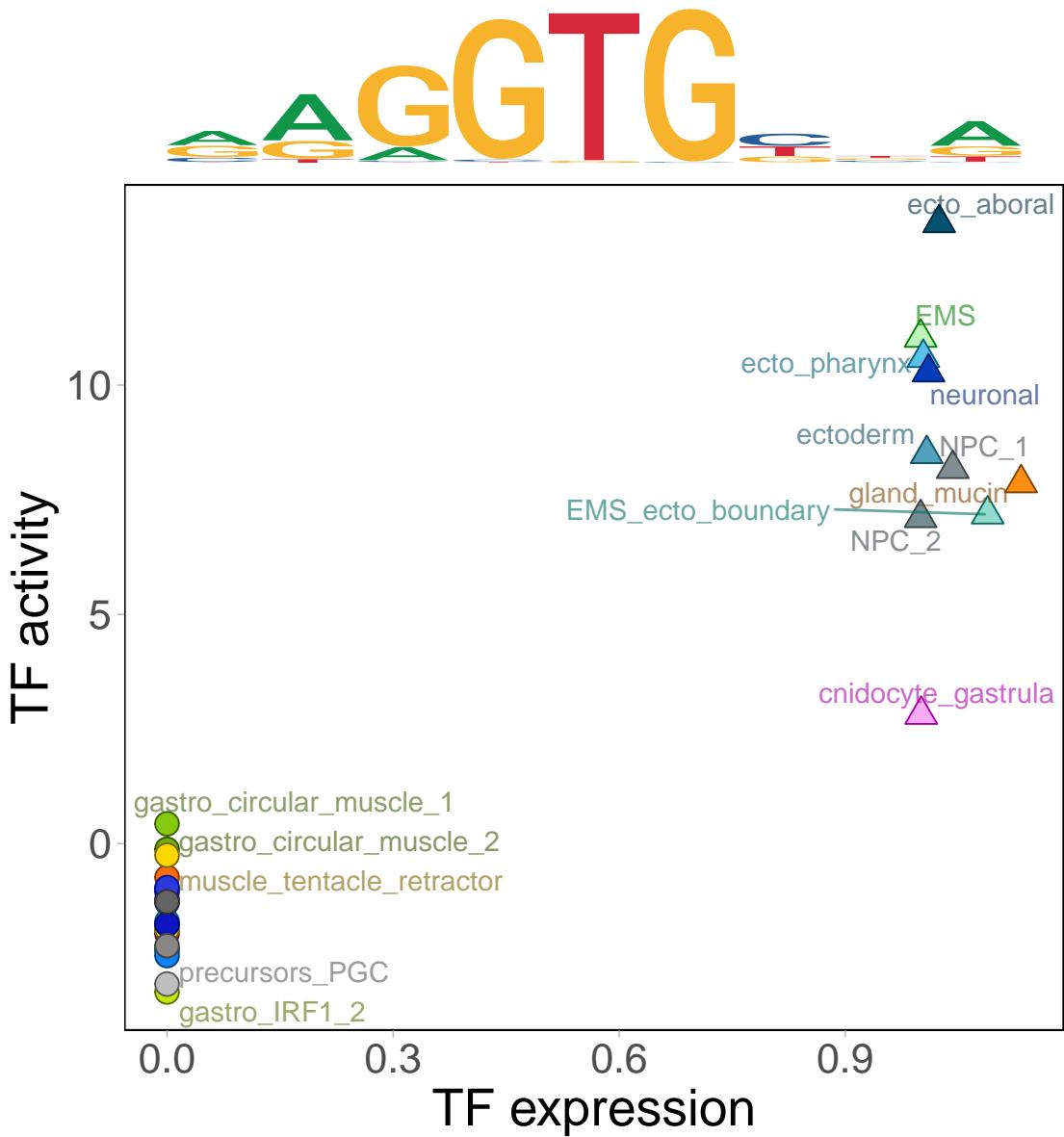
Nvec_vc1.1_XM_032380001.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH294_Emx1/Emx2_Hmx1/Hr
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1669
gene expression correlation: 0.3002
gene score correlation: -0.2128



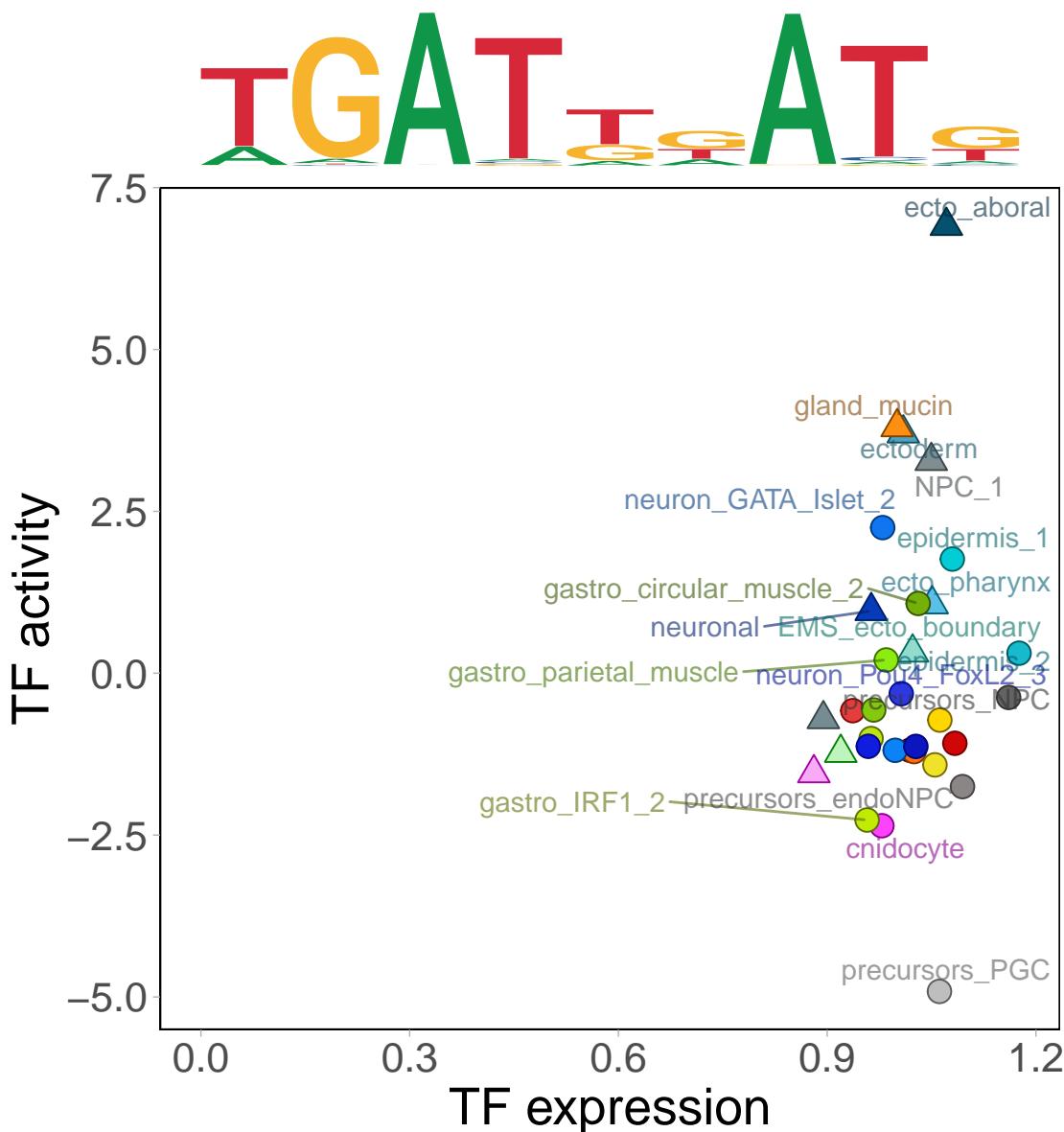
Nvec_vc1.1_XM_032380131.2
OG: HMGbox_Sox.HG1.38:SSRP1
PFAM: POB3_N/SSrecog/Rtt106/HMG
motif: ARCH1159_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 31
gene expression correlation: 0.1564
gene score correlation: 0.2334



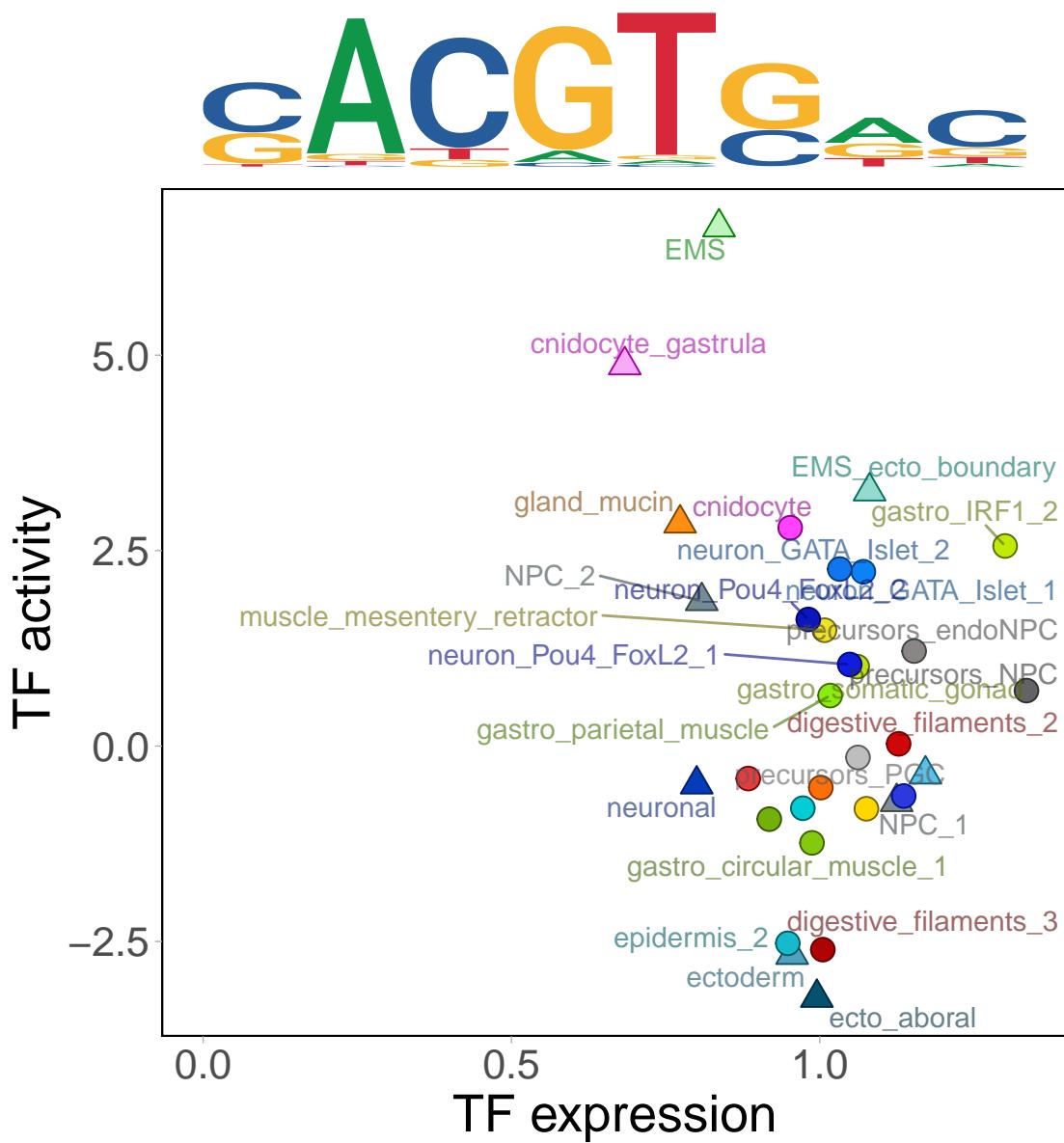
Nvec_vc1.1_XM_032380148.2
OG: T-box.HG1.2:like:MGA/TBX1/TBX2
PFAM: T-box
motif: ARCH485_Tbx3/Tbx2
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.9383
gene score correlation: 0.9359



Nvec_vc1.1_XM_032380190.2
OG: Homeodomains.HG3.20:MEIS1/MEIS2
PFAM: Meis_PKNOX_N/Homeobox_KN
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 214
gene expression correlation: 0.1584
gene score correlation: 0.3922



Nvec_vc1.1_XM_032380209.2
OG: HLH.HG1.40:USF1/USF2
PFAM: HLH
motif: ARCH1569_FEA4_E-box
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 32
gene expression correlation: -0.2034
gene score correlation: 0.0964



Nvec_vc1.1_XM_032380334.2

OG: RFX.HG1.6:like:RFX6

PFAM: RFX_DNA_binding

motif: ARCH864_/Rfx5

TF family: RFX

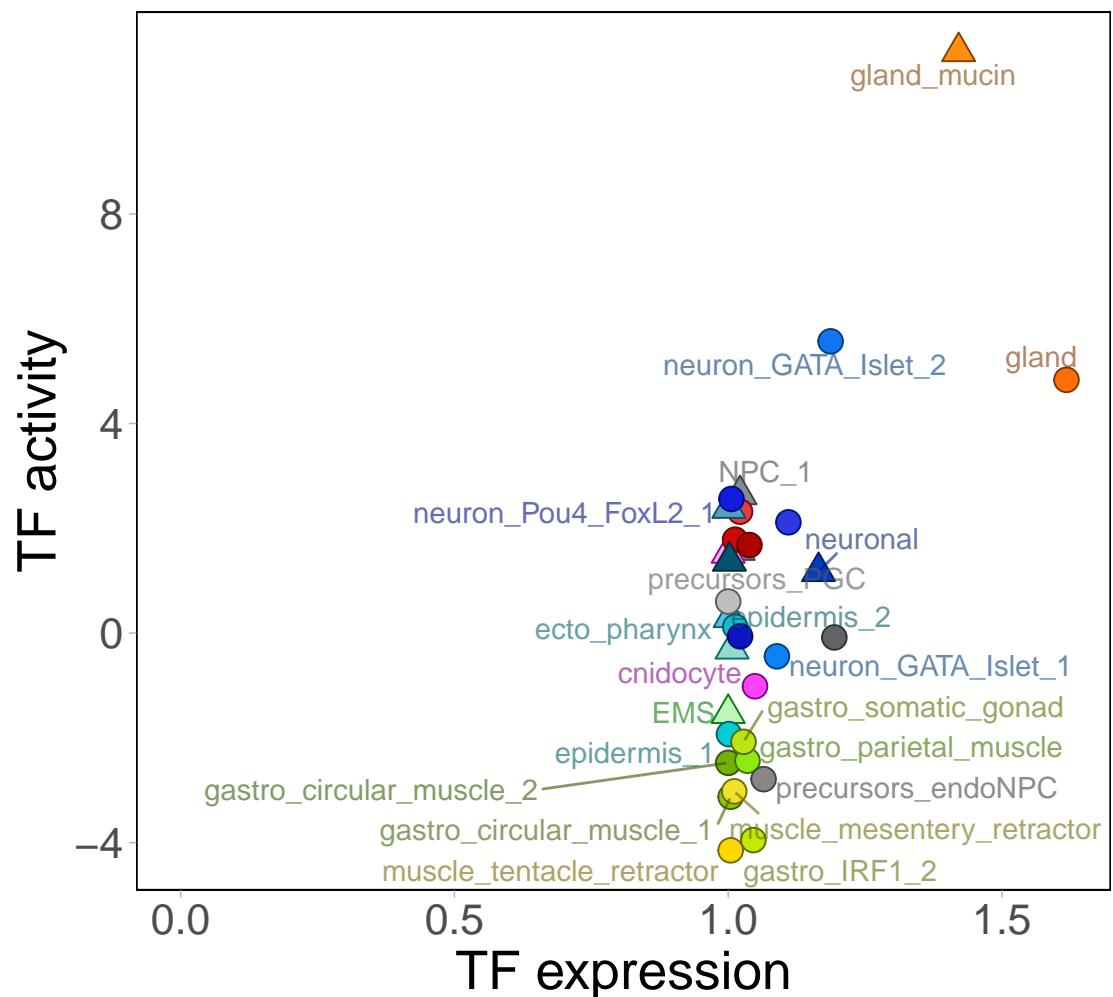
archetype family: RFX

CisBP assigned: FALSE

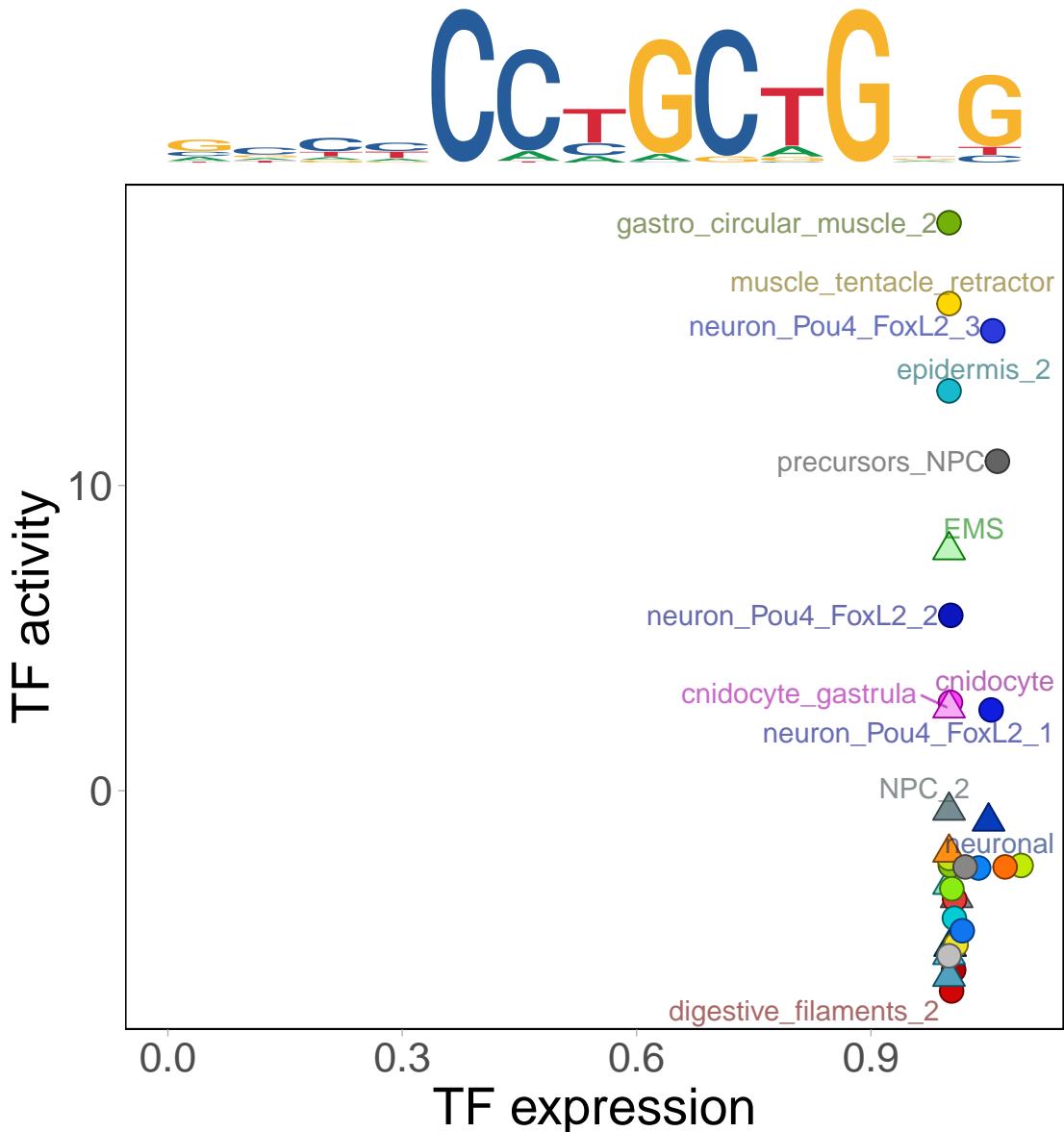
rank: 2

gene expression correlation: 0.6064

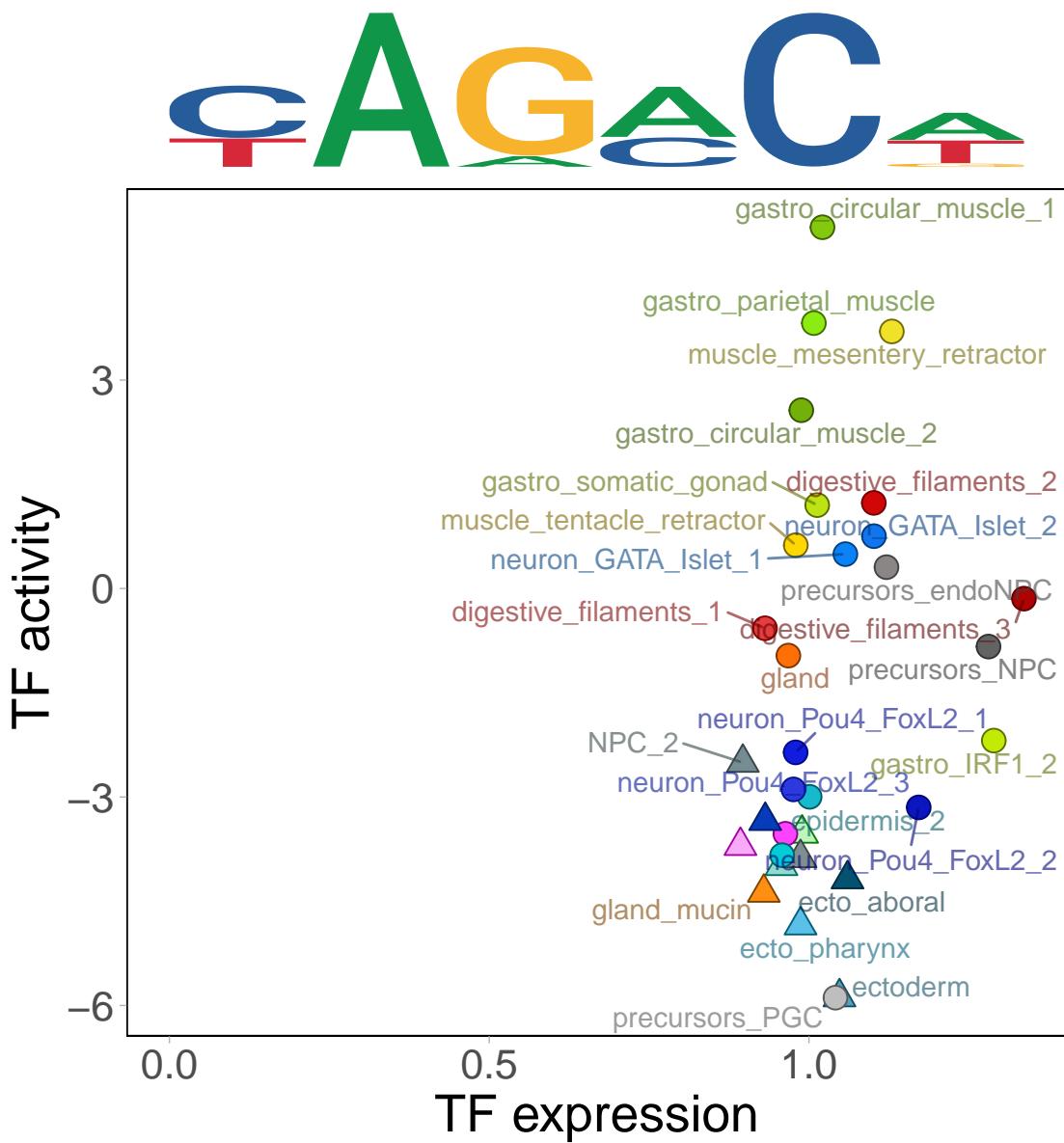
gene score correlation: 0.4028



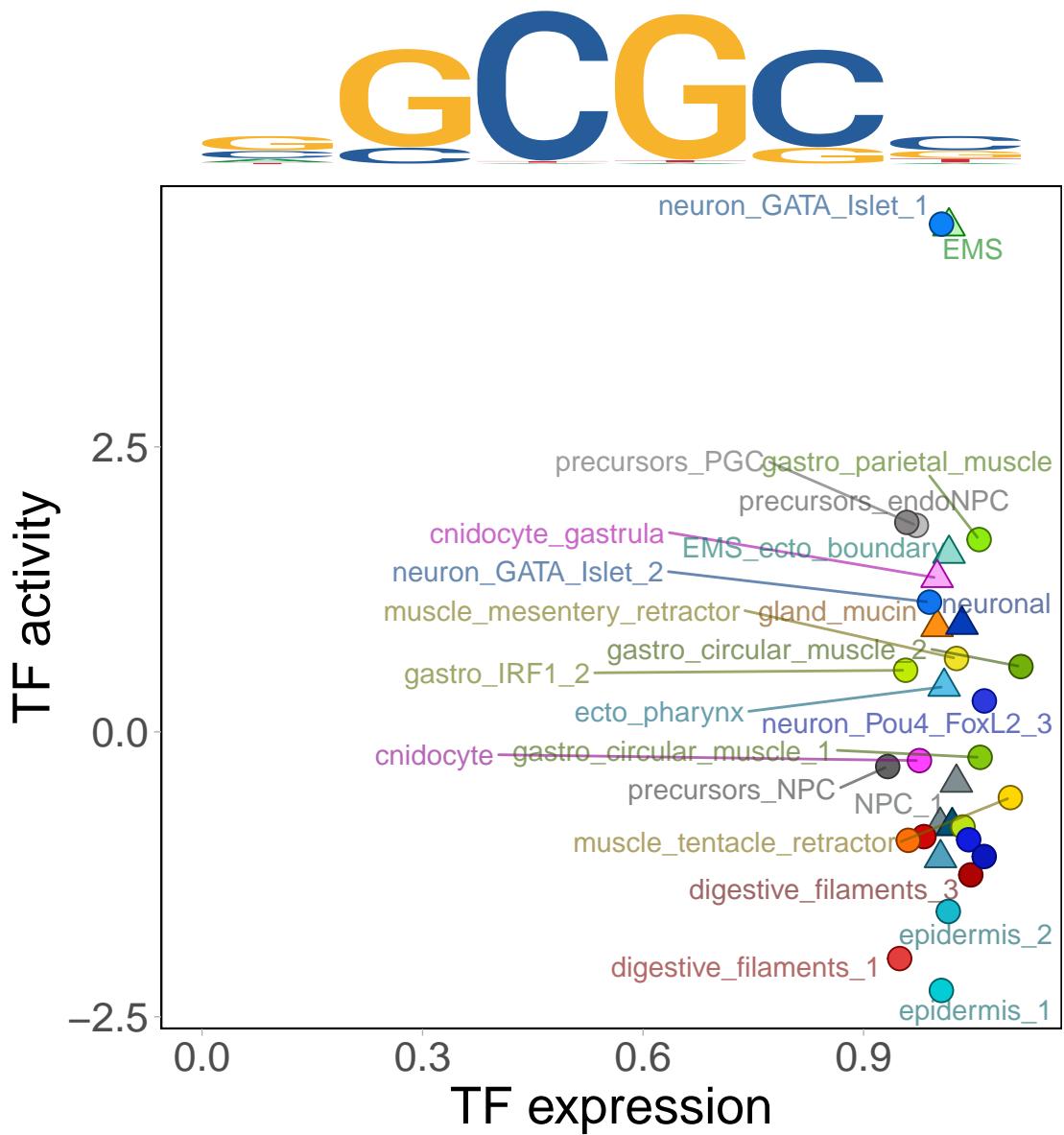
Nvec_vc1.1_XM_032380417.2
OG: zf-C2H2.HG2.2:like:MTF1/ZNF76/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH496_Zic3
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 18
gene expression correlation: 0.0937
gene score correlation: 0.1097



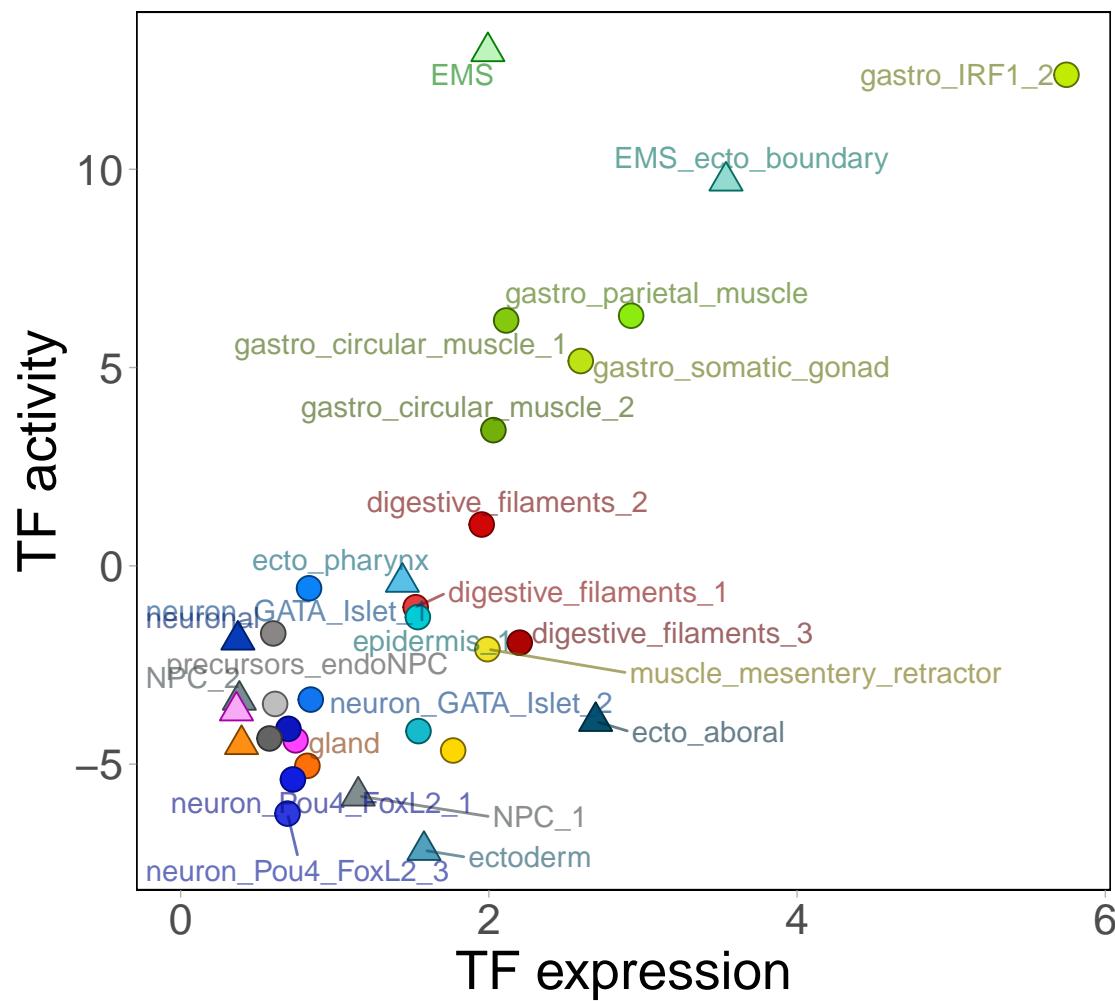
Nvec_vc1.1_XM_032380573.2
OG: SMAD_MH1.HG1.0:SMAD6/SMAD
PFAM: MH1/MH2
motif: ARCH718_Smad2/Smad3_Smad
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: FALSE
rank: 31
gene expression correlation: 0.2346
gene score correlation: 0.2101



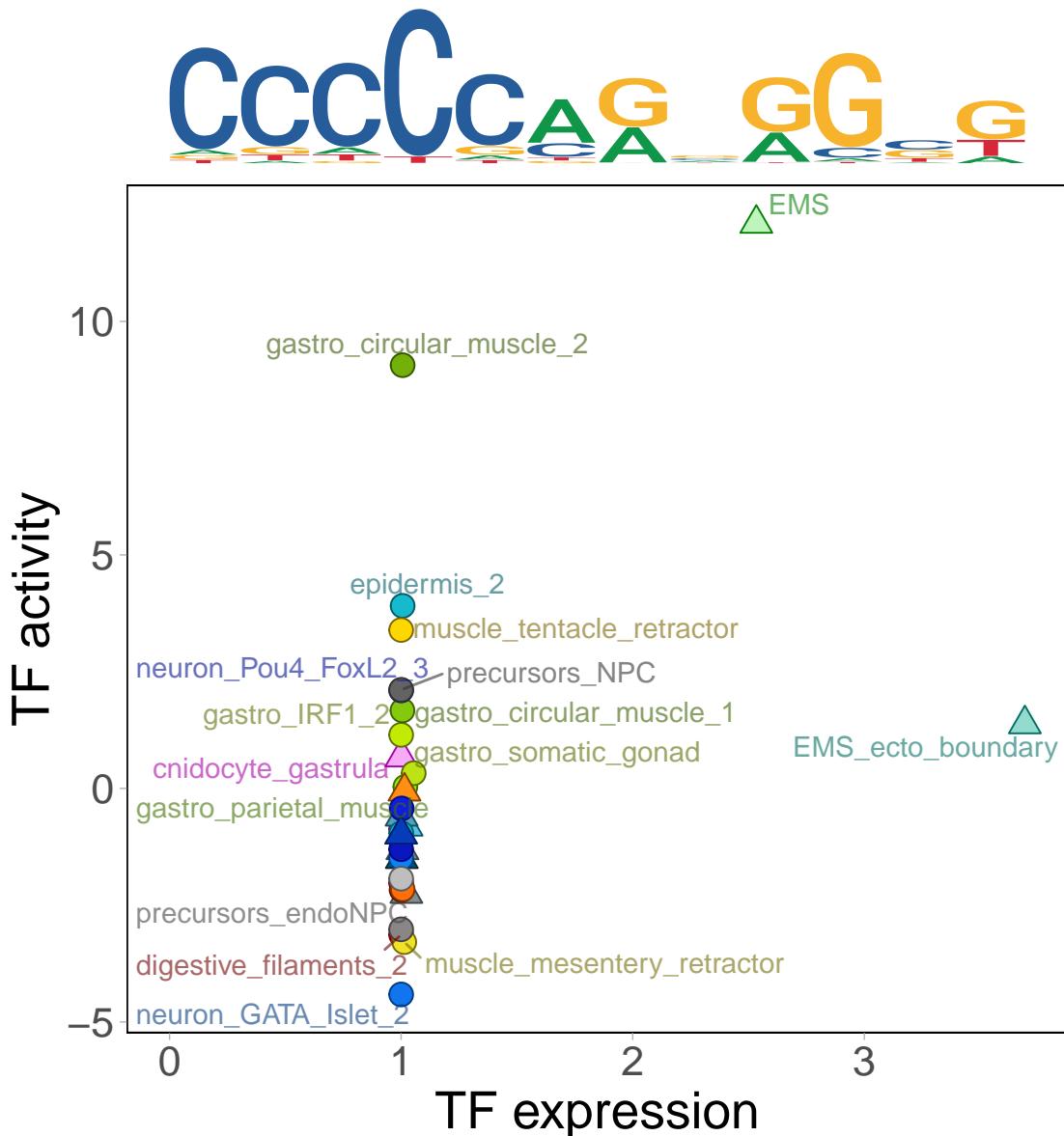
Nvec_vc1.1_XM_032380735.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP/E2F_CC-MB
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 328
gene expression correlation: -0.0258
gene score correlation: 0.1515



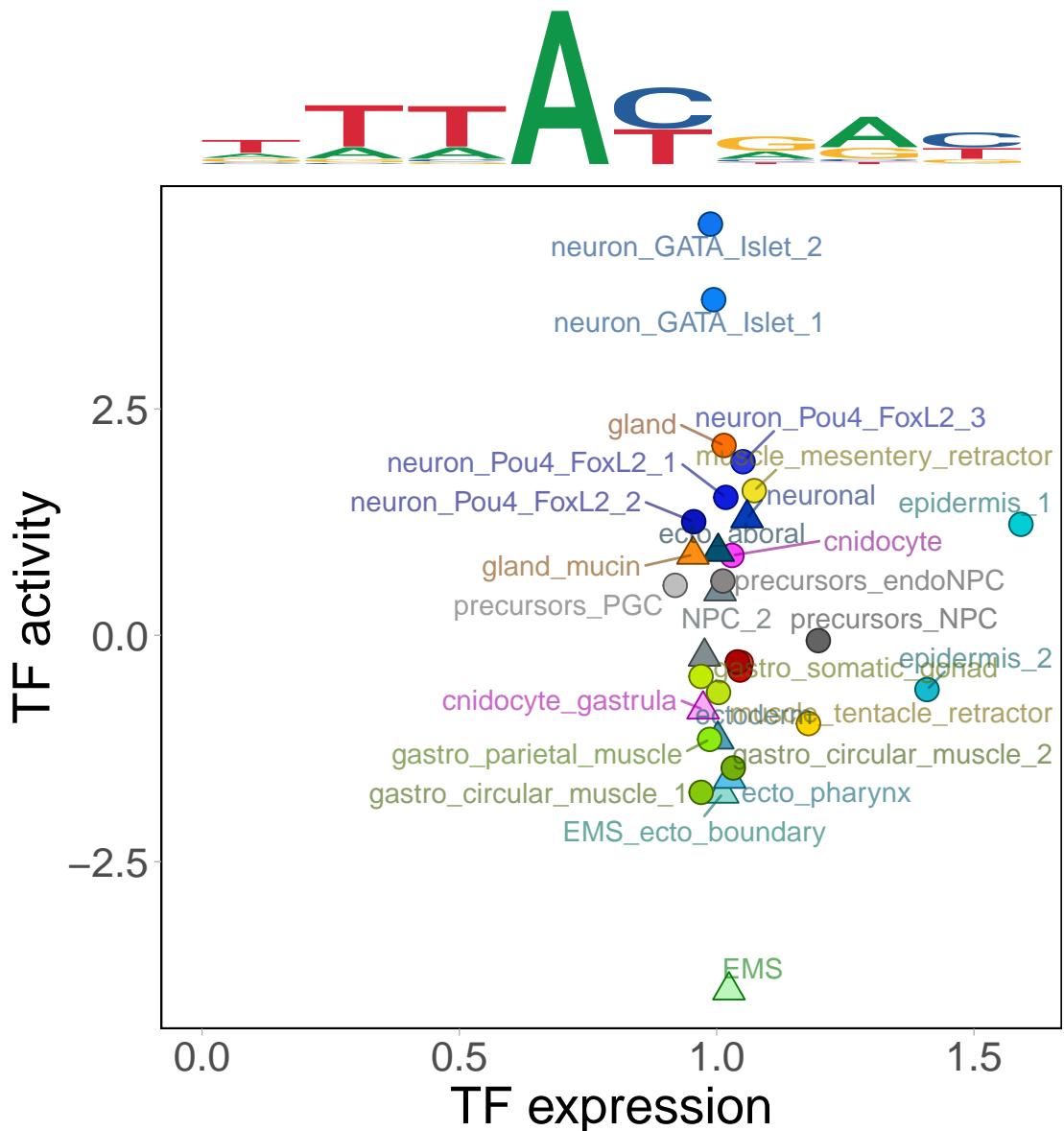
Nvec_vc1.1_XM_032380975.2
OG: Ets.HG1.5:ERF/ERFL/ERG/ETV3/E...
PFAM: SAM_PNT/Ets
motif: ARCH584_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 162
gene expression correlation: 0.7363
gene score correlation: 0.5487



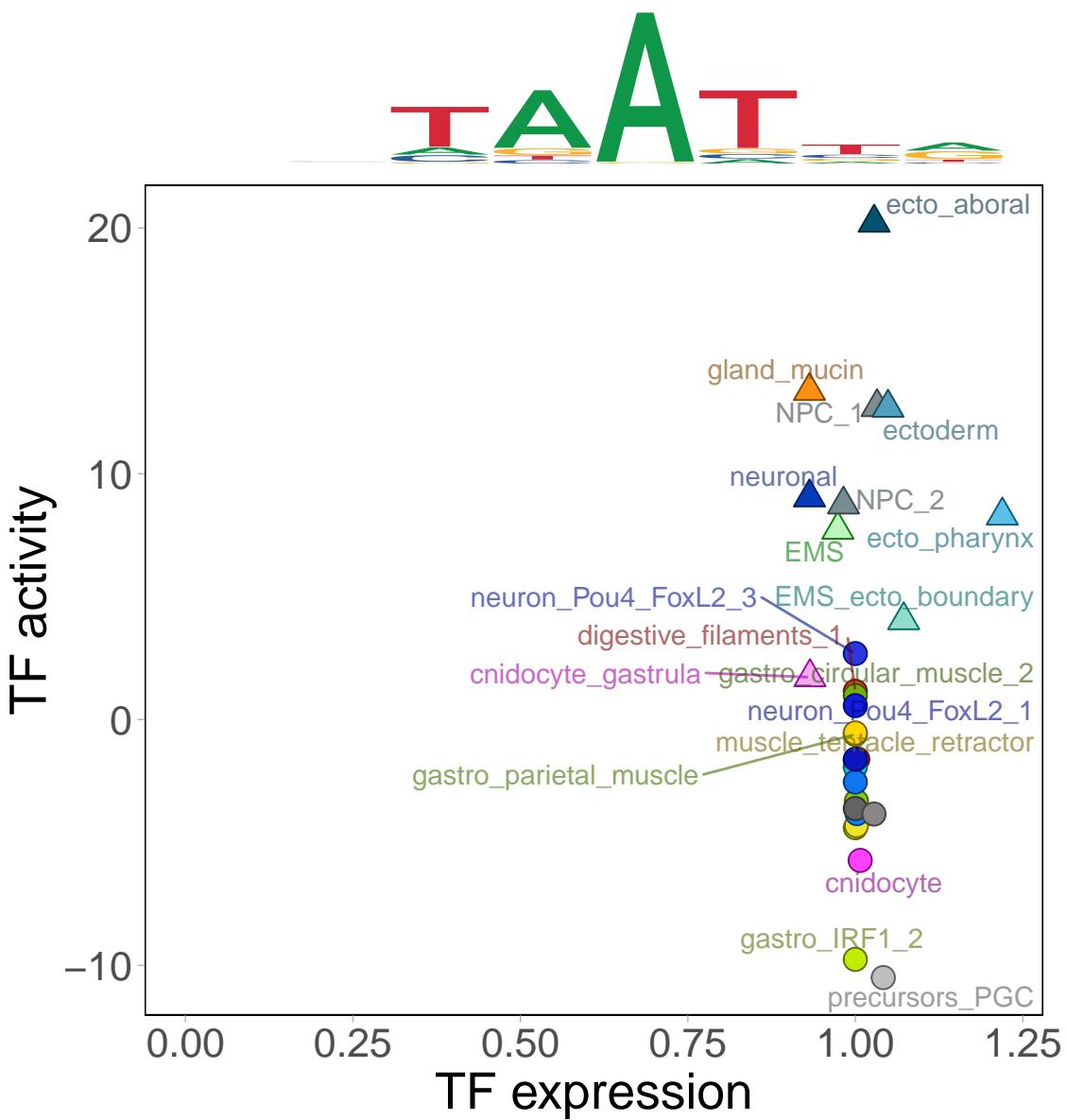
Nvec_vc1.1_XM_032381020.2
OG: zf-C2H2.HG4.7:like:ZIC1/ZIC2/ZIC
PFAM: zf_ZIC/zf-C2H2/zf-C2H2
motif: ARCH386_PB0102.1_Zic2_1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 104
gene expression correlation: 0.3862
gene score correlation: 0.4459



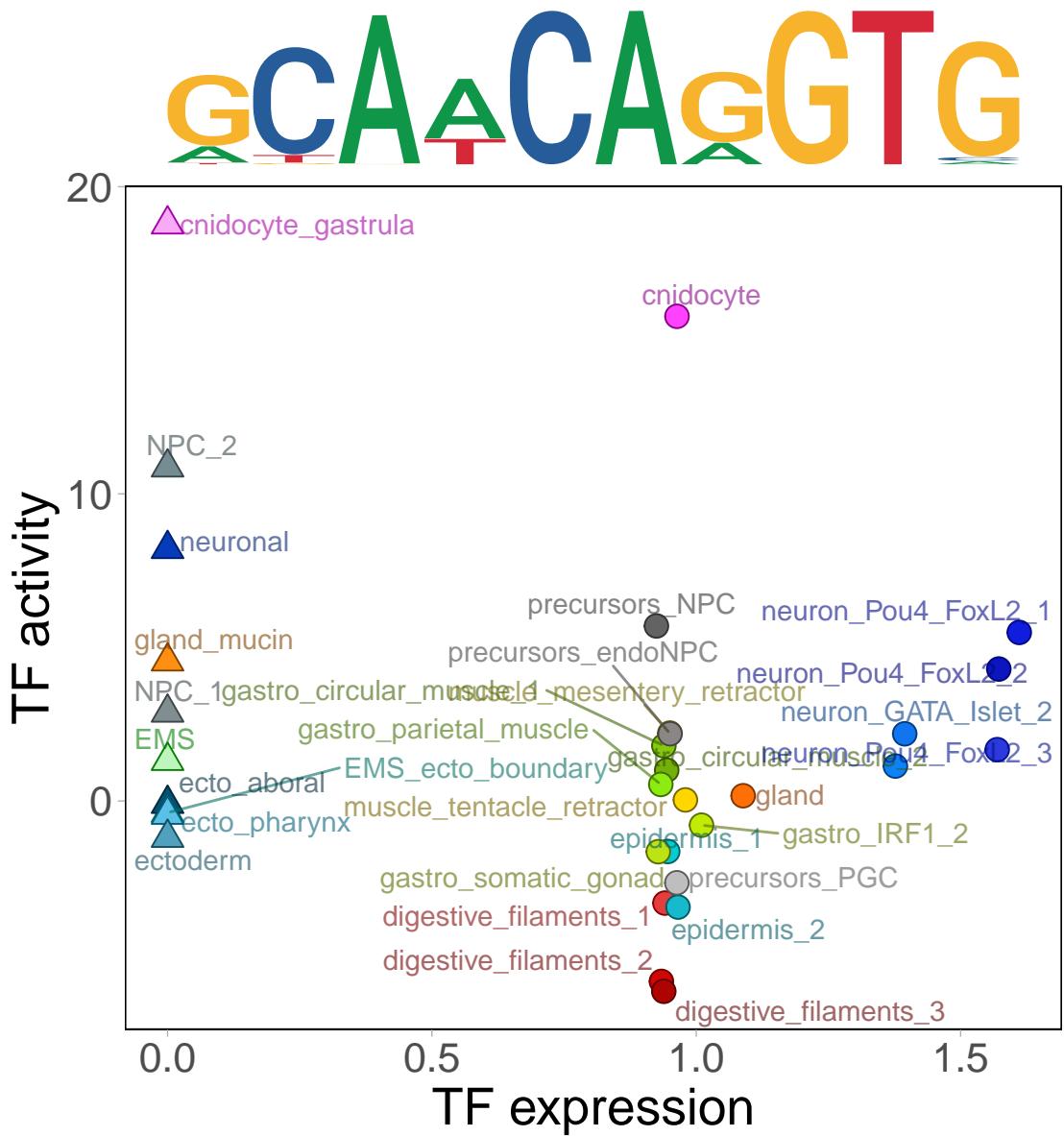
Nvec_vc1.1_XM_032381059.2
OG: Homeodomains.HG3.2:CERS2/CE
PFAM: Homeodomain/TRAM_LAG1_CL
motif: ARCH1315_M05248_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.0045
gene score correlation: 0.1289



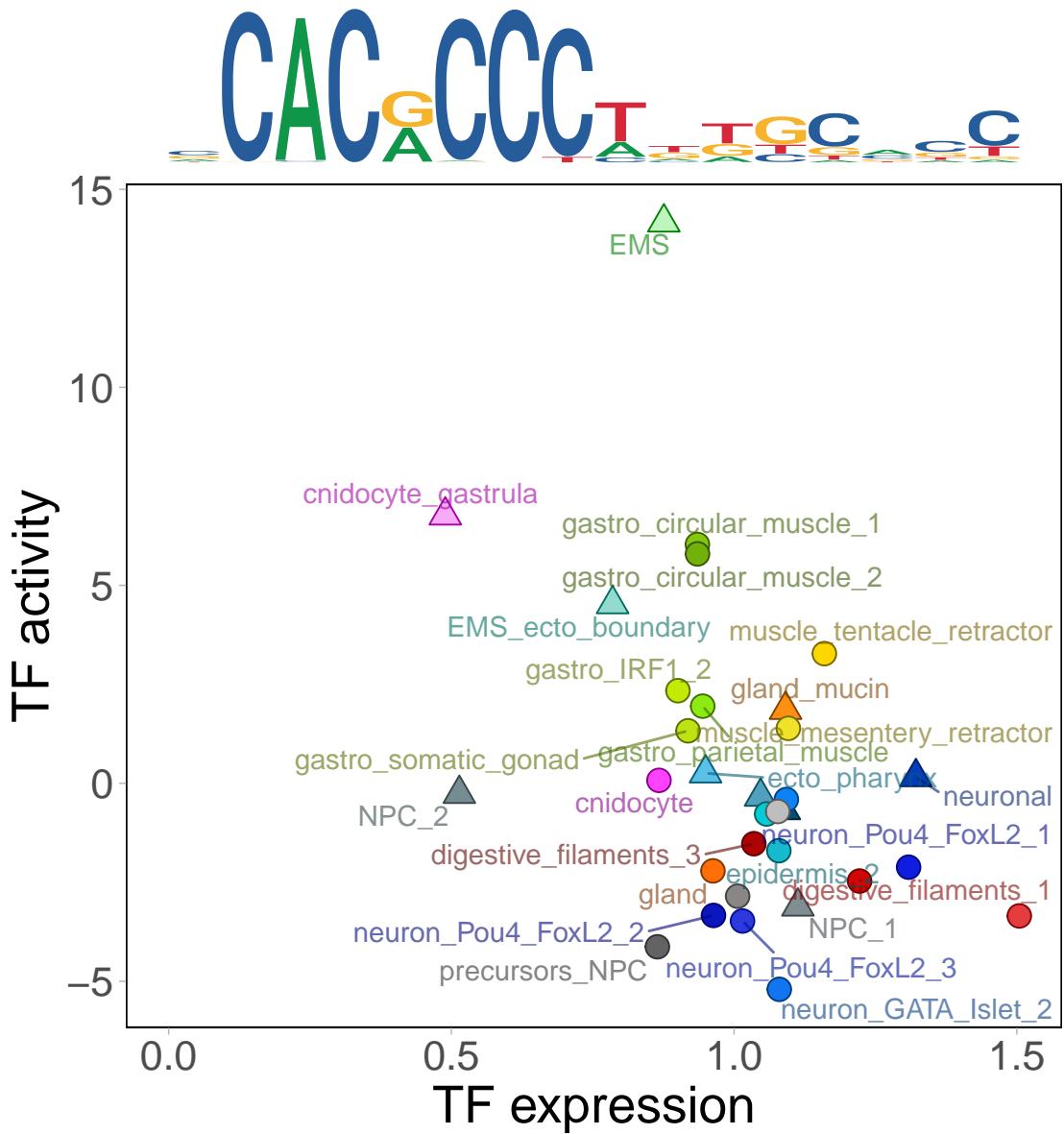
Nvec_vc1.1_XM_032381099.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: M00525_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0731
gene score correlation: 0.7997



Nvec_vc1.1_XM_032381270.2
OG: zf-C2H2.HG7.4:SCRT1/SCRT2
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: Scrt2/Scrt1_241030_dimont
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.2212
gene score correlation: 0.0335



Nvec_vc1.1_XM_032381562.2
OG: zf-C2H2.HG2.18:like:KLF5/KLF6/K
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: Klf8_241030_dimont
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.4082
gene score correlation: -0.1230



Nvec_vc1.1_XM_032381586.2

OG: zf-C2H2.HG2.21:KLF5

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

motif: Klf5_241030_dimont

TF family: zf-C2H2

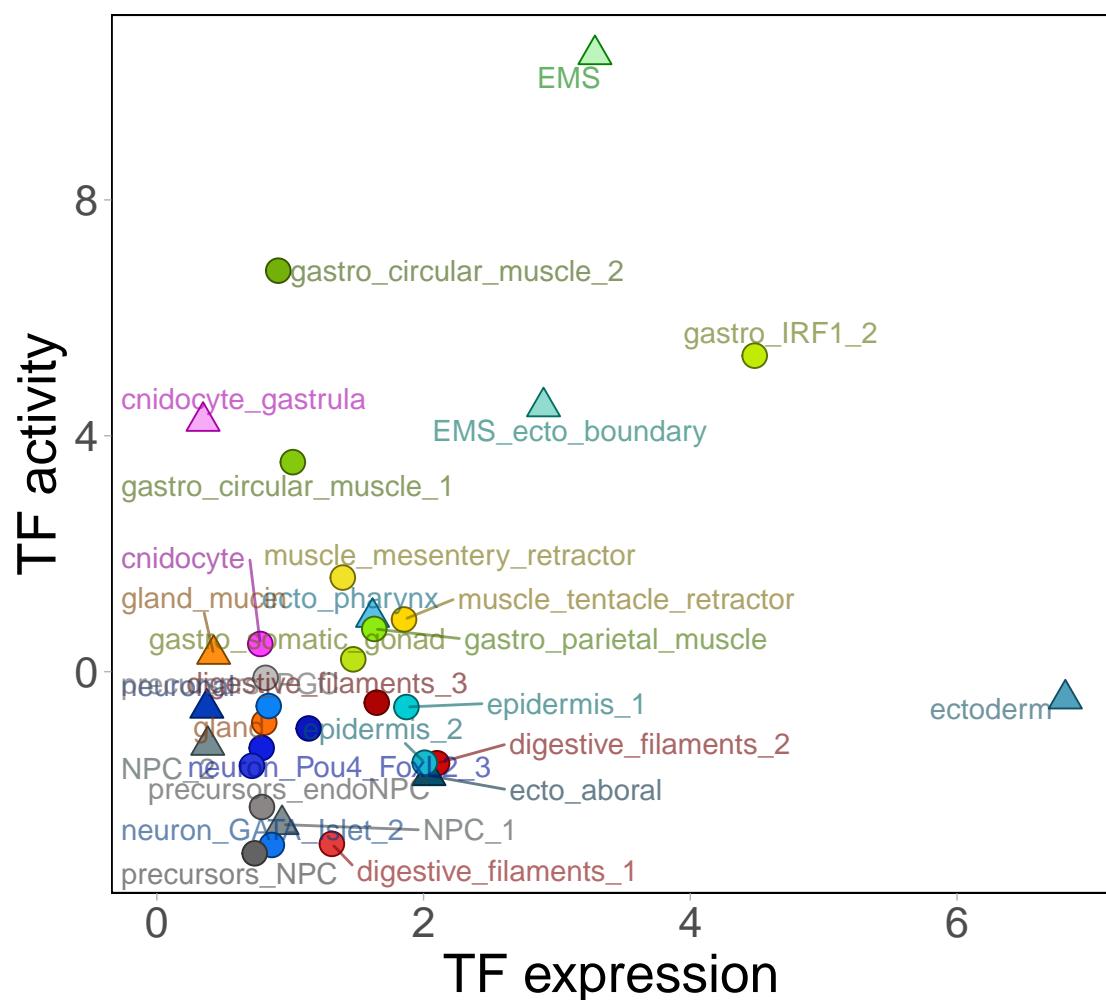
archetype family: zf-C2H2

CisBP assigned: FALSE

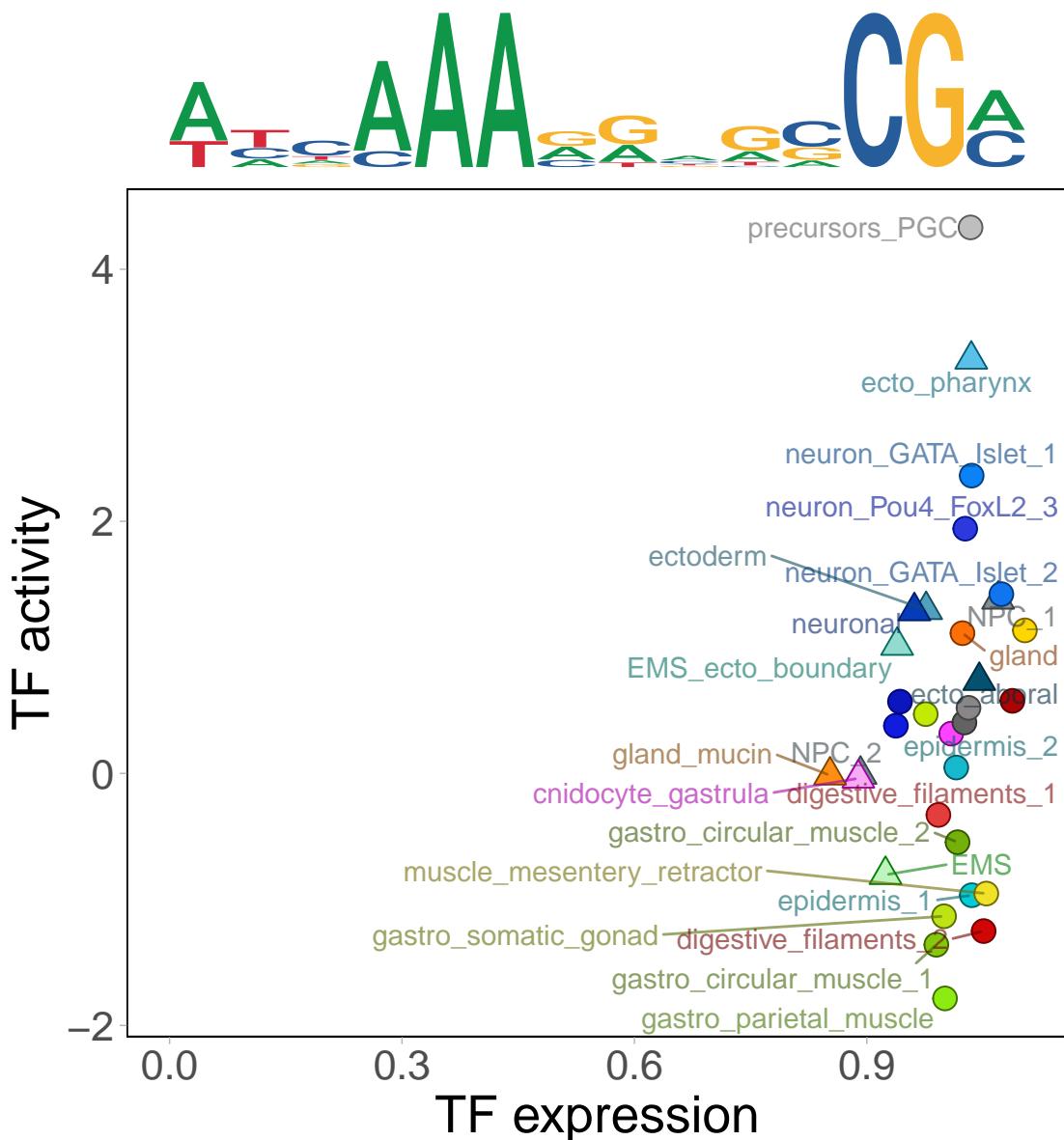
rank: 0

gene expression correlation: 0.3007

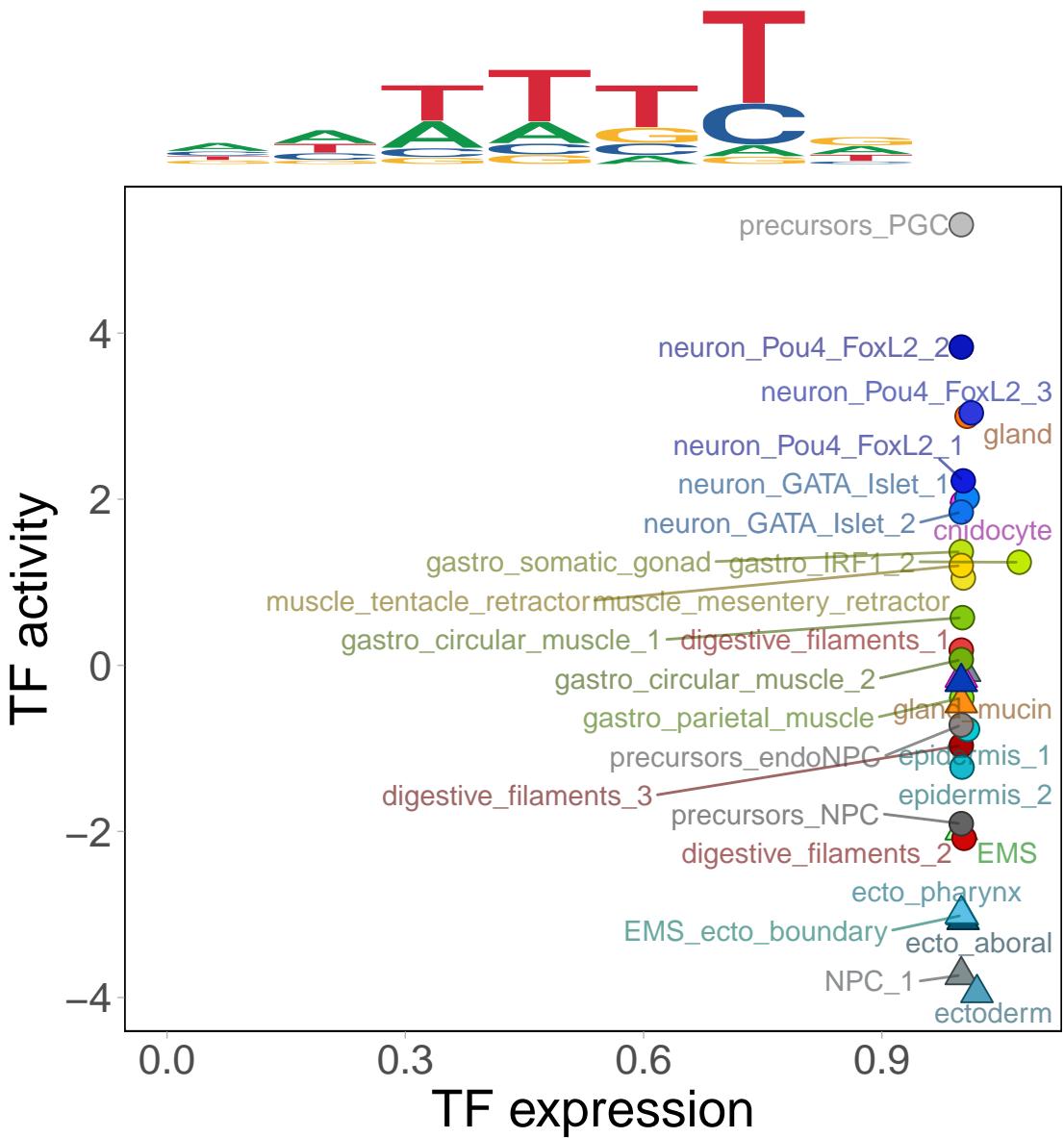
gene score correlation: 0.4171



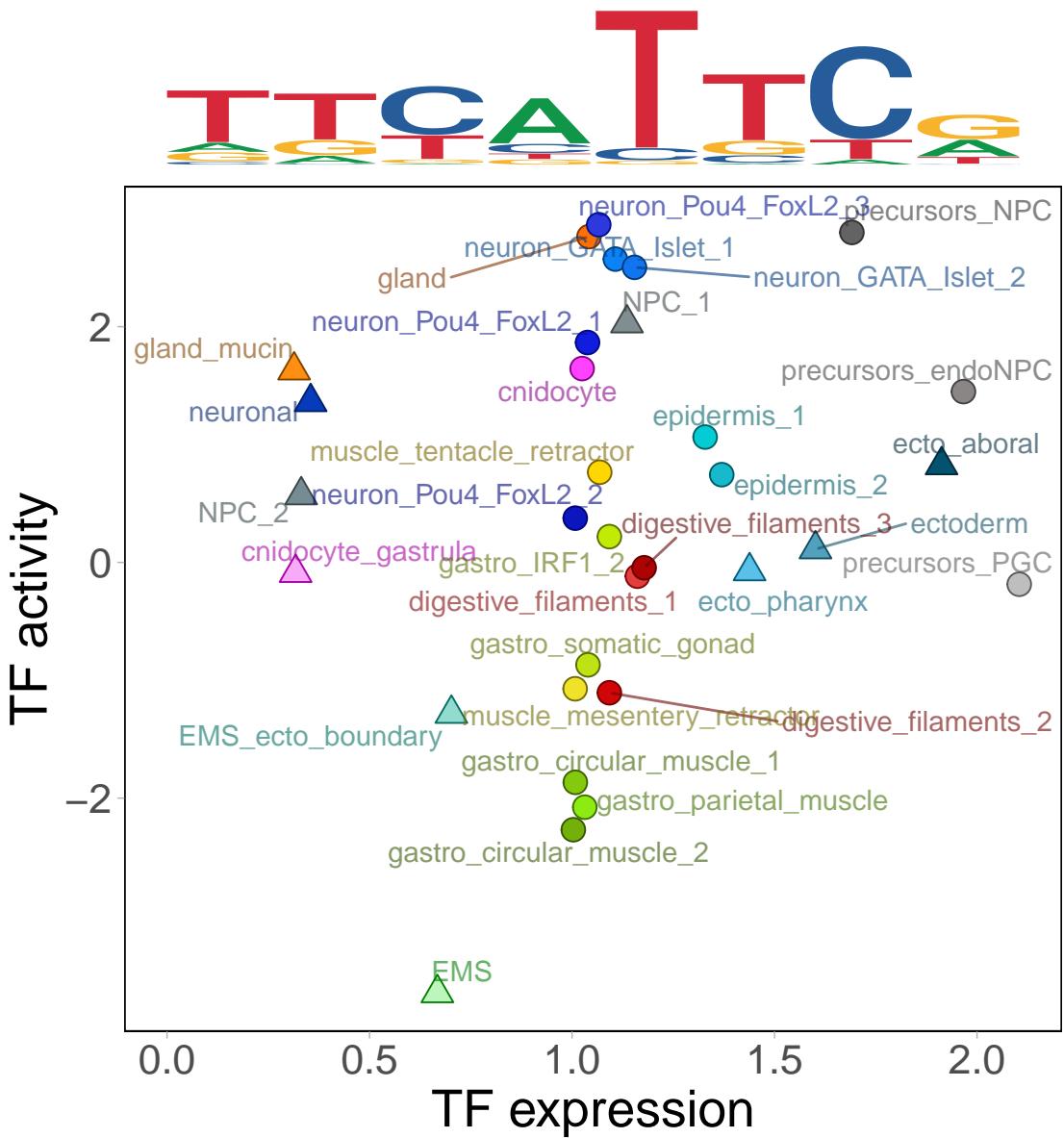
Nvec_vc1.1_XM_032381587.2
OG: HMGbox_Sox.HG1.51:like:SMARC
PFAM: HMG_box
motif: ARCH1159_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 39
gene expression correlation: 0.2227
gene score correlation: 0.3647



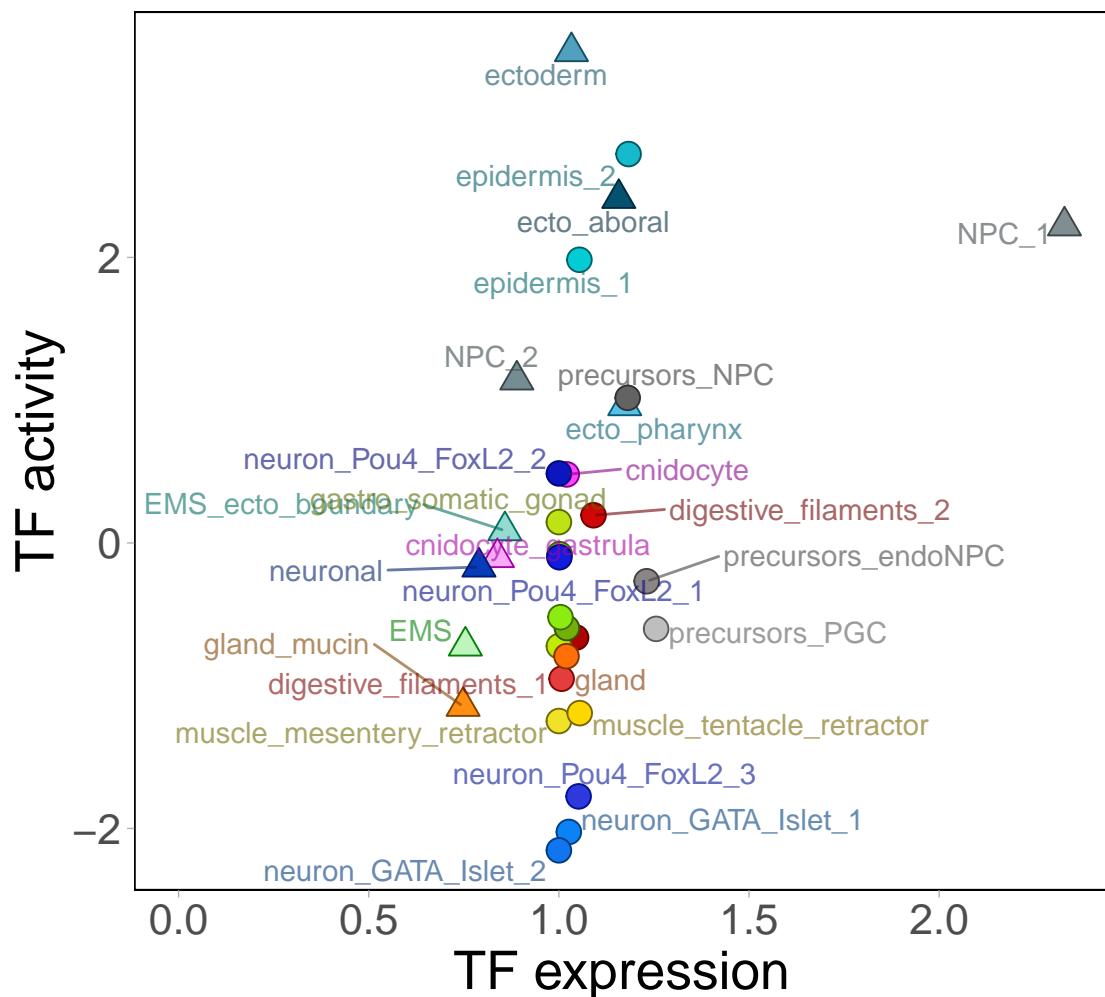
Nvec_vc1.1_XM_032381617.2
OG: Doublesex_DM.HG1.18:like:DMRT
PFAM: DM
motif: M00654_2.00
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.0748
gene score correlation: 0.3130



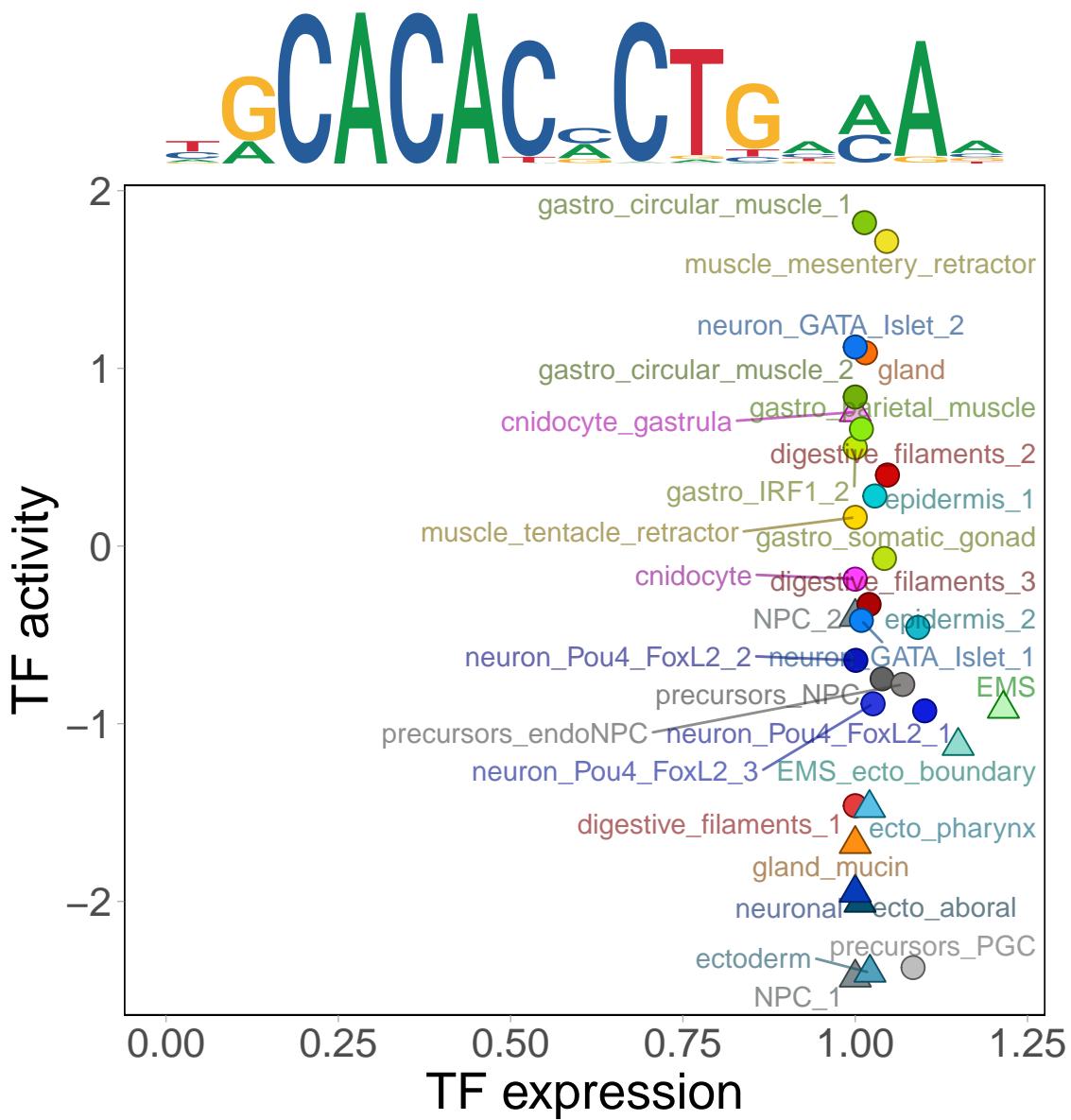
Nvec_vc1.1_XM_032381719.2
OG: zf-C2H2.HG1.122:ZNF367
PFAM: zf-C2H2_6/zf-C2H2
motif: ARCH1204_ARR1_ZNF24
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 101
gene expression correlation: 0.1603
gene score correlation: 0.2991



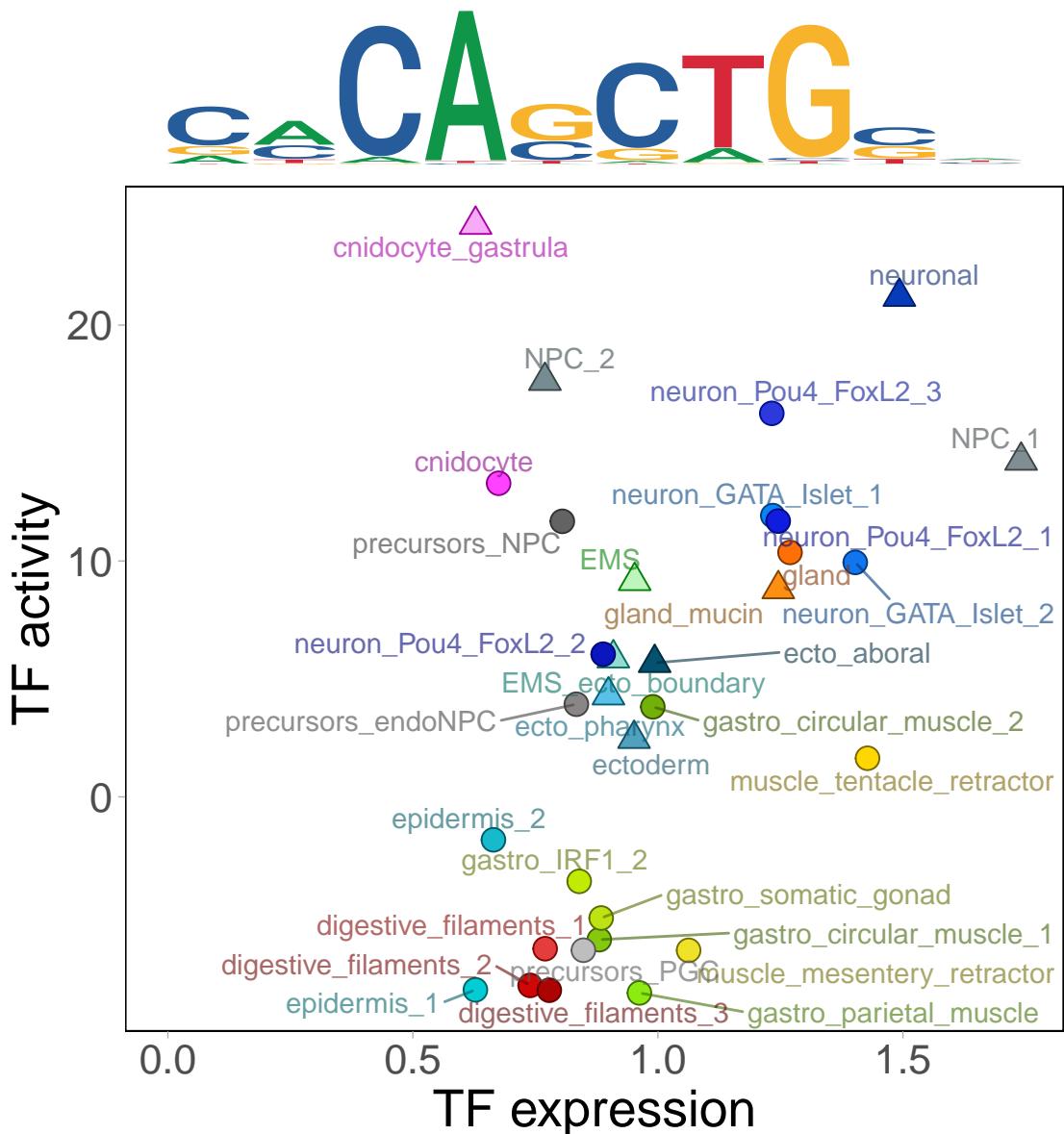
Nvec_vc1.1_XM_032381869.2
OG: HLH.HG1.64:like:ASCL1/ASCL2/AS
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 31
gene expression correlation: 0.3789
gene score correlation: 0.4806



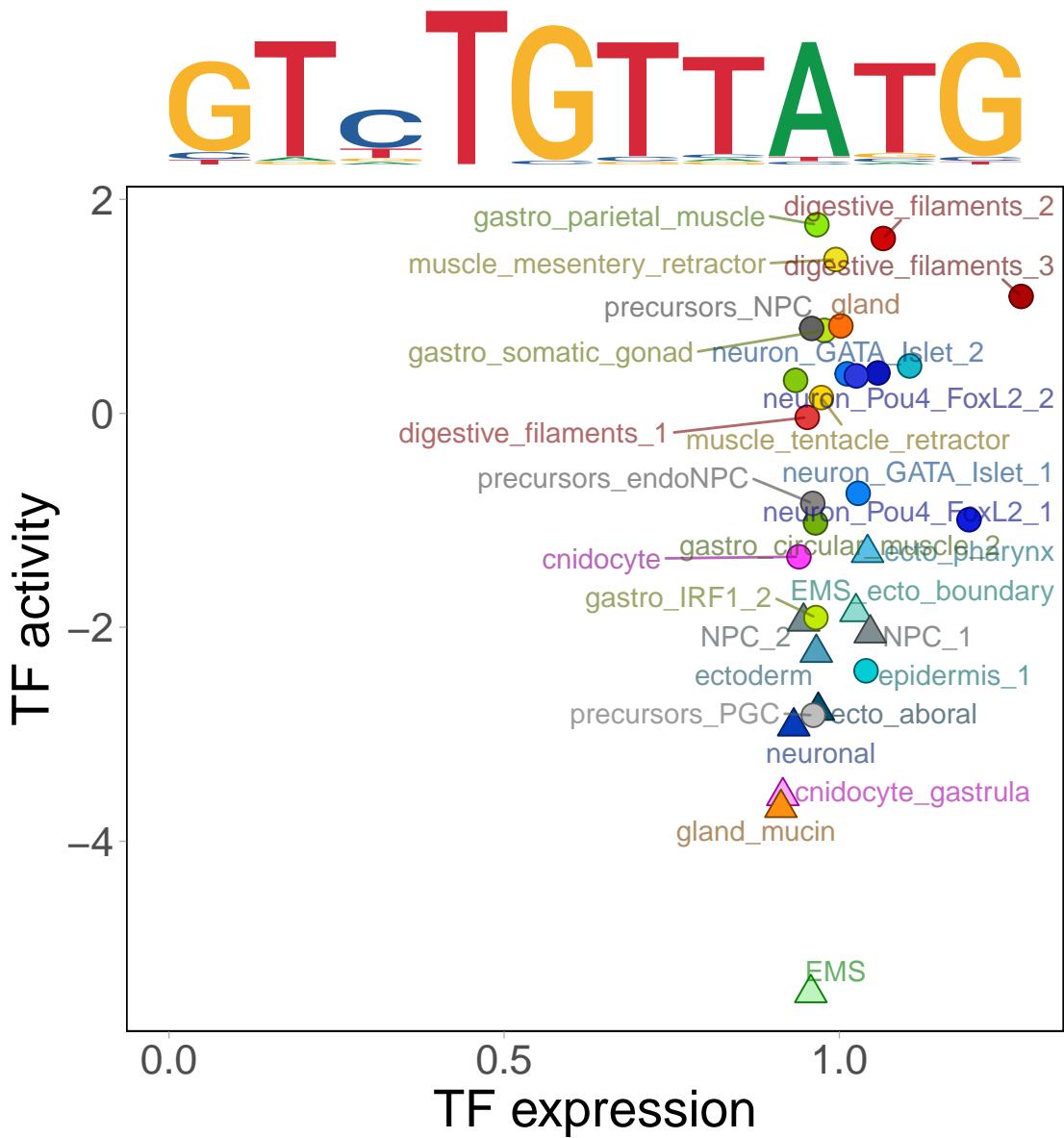
Nvec_vc1.1_XM_032382002.2
OG: zf-C2H2.HG8.0:ZNF576/ZNF683/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1368_M04483_2.00__M04
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 246
gene expression correlation: -0.1636
gene score correlation: 0.1777



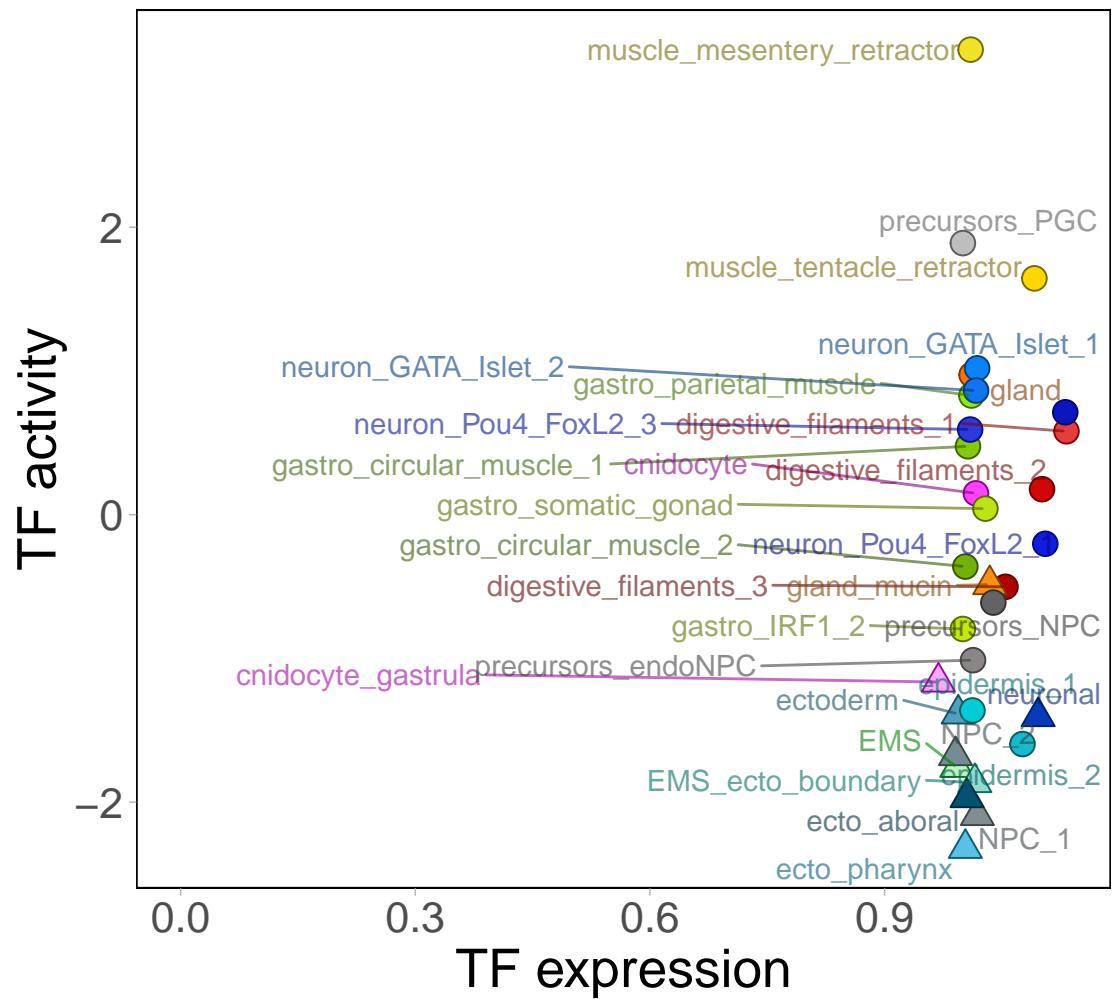
Nvec_vc1.1_XM_032382158.2
OG: HLH.HG1.45:TCF3/TCF4/TCF12
PFAM: HLH
motif: M08731_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.3862
gene score correlation: 0.3516



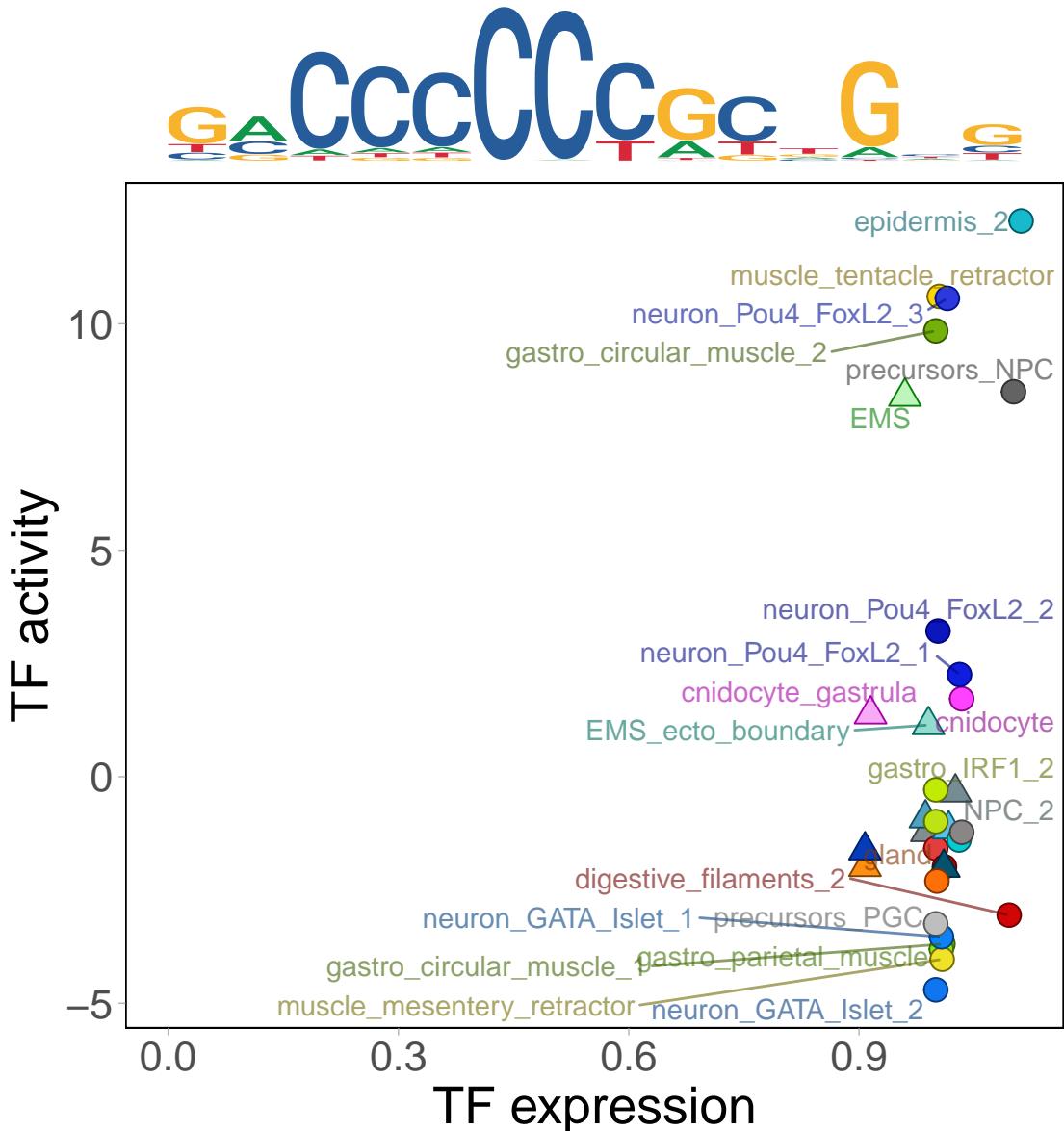
Nvec_vc1.1_XM_032382185.2
OG: Myb.HG1.7:like:TERB1/TERF2
PFAM: Myb_DNA-binding/Myb_DNA-b
motif: ARCH1391_MYB113
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 208
gene expression correlation: 0.3666
gene score correlation: 0.0933



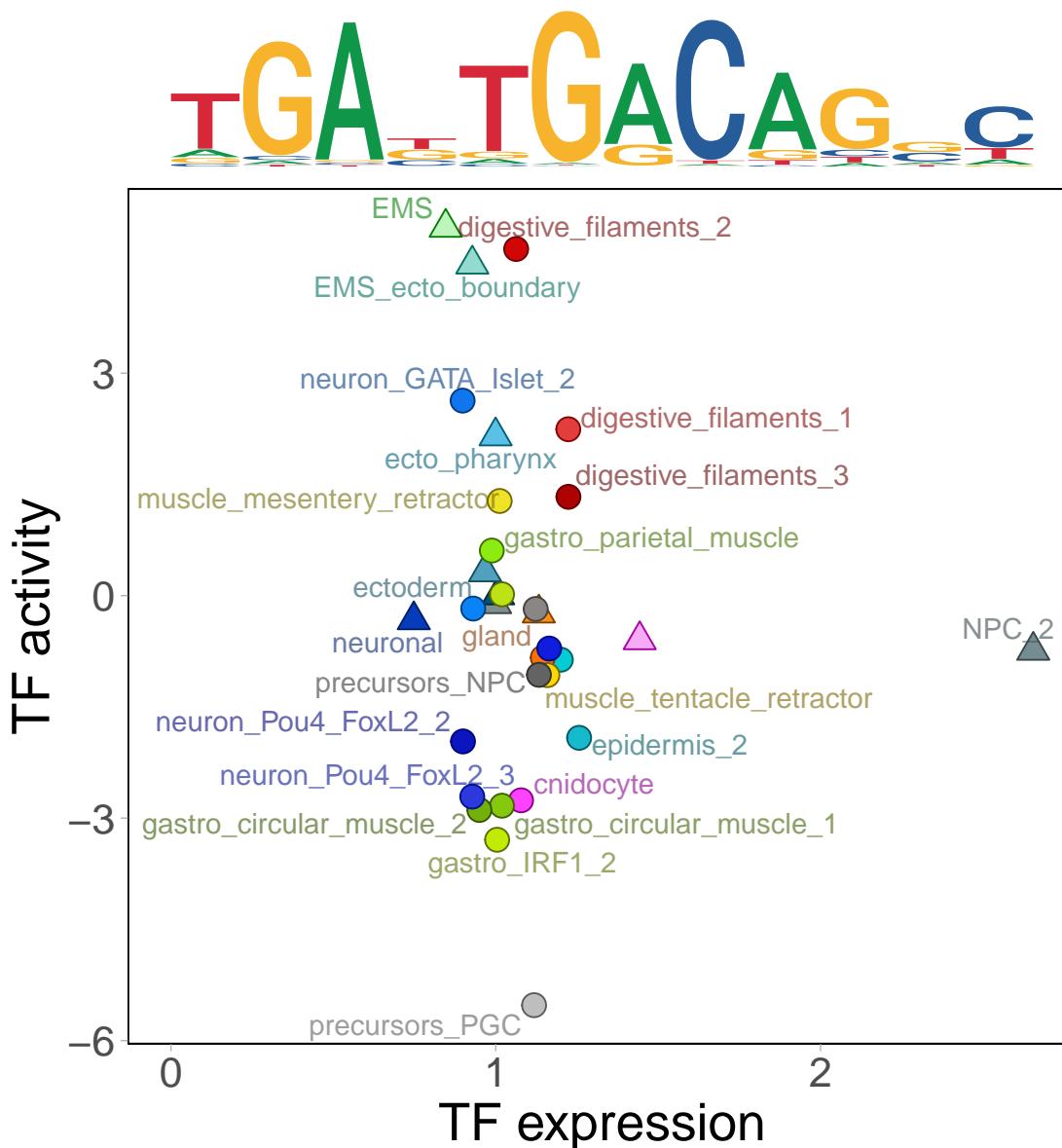
Nvec_vc1.1_XM_032382208.2
OG: zf-C2H2.HG94.0:NA
PFAM: zf-C2H2/zf-C2H2_4/zf-C2H2/zf-C2H2_2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.1937
gene score correlation: 0.6890



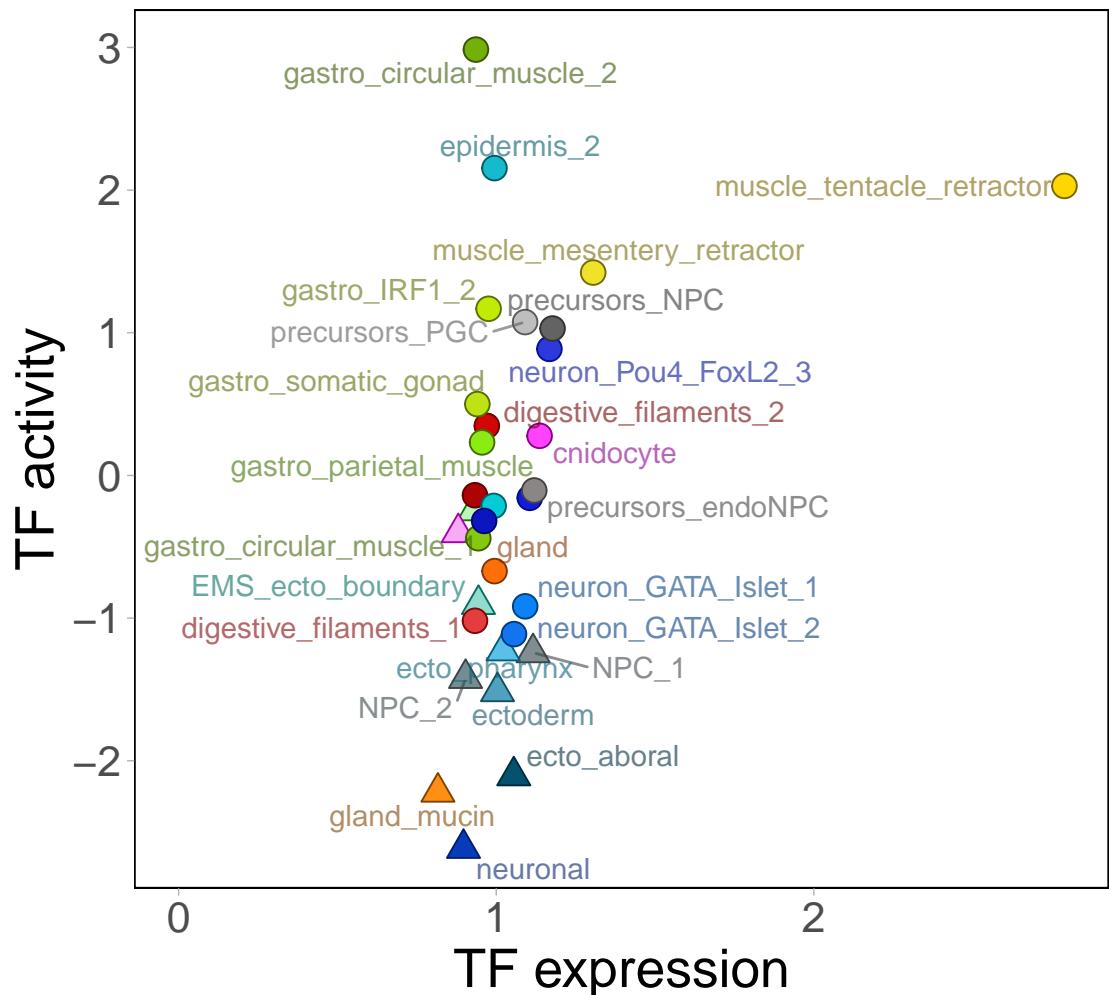
Nvec_vc1.1_XM_032382255.2
OG: zf-C2H2.HG1.11:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2_6/zf-C2H2/zf-
motif: ARCH353_M06062_2.00__M064
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 17
gene expression correlation: 0.2528
gene score correlation: 0.3137



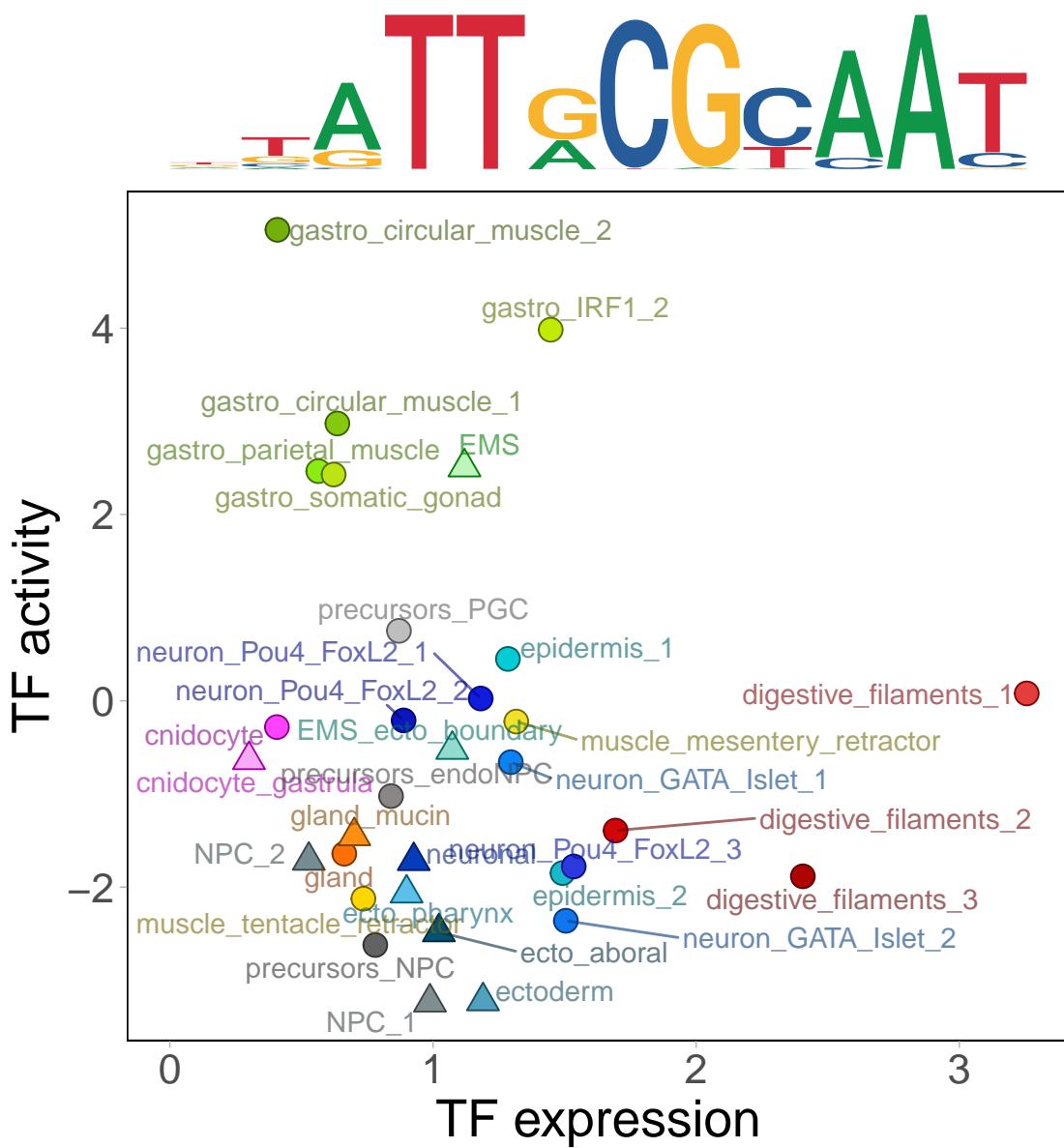
Nvec_vc1.1_XM_032382395.2
OG: Homeodomains.HG3.34:TGIF1
PFAM: Homeobox_KN
motif: ARCH1502_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 41
gene expression correlation: -0.1175
gene score correlation: 0.0751



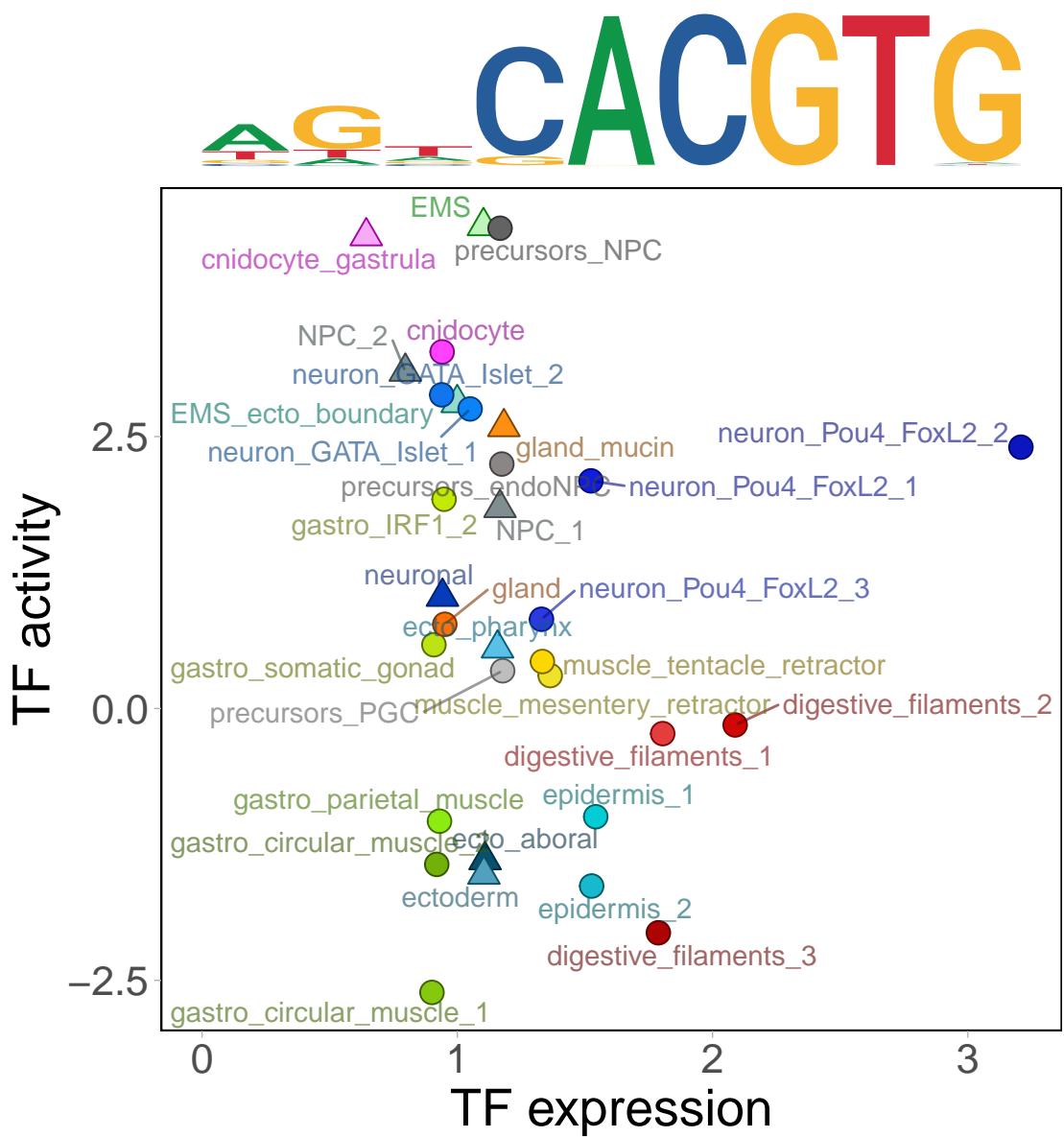
Nvec_vc1.1_XM_032382402.2
OG: zf-C2H2.HG1.24:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH502_M06063_2.00
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3870
gene score correlation: 0.3493



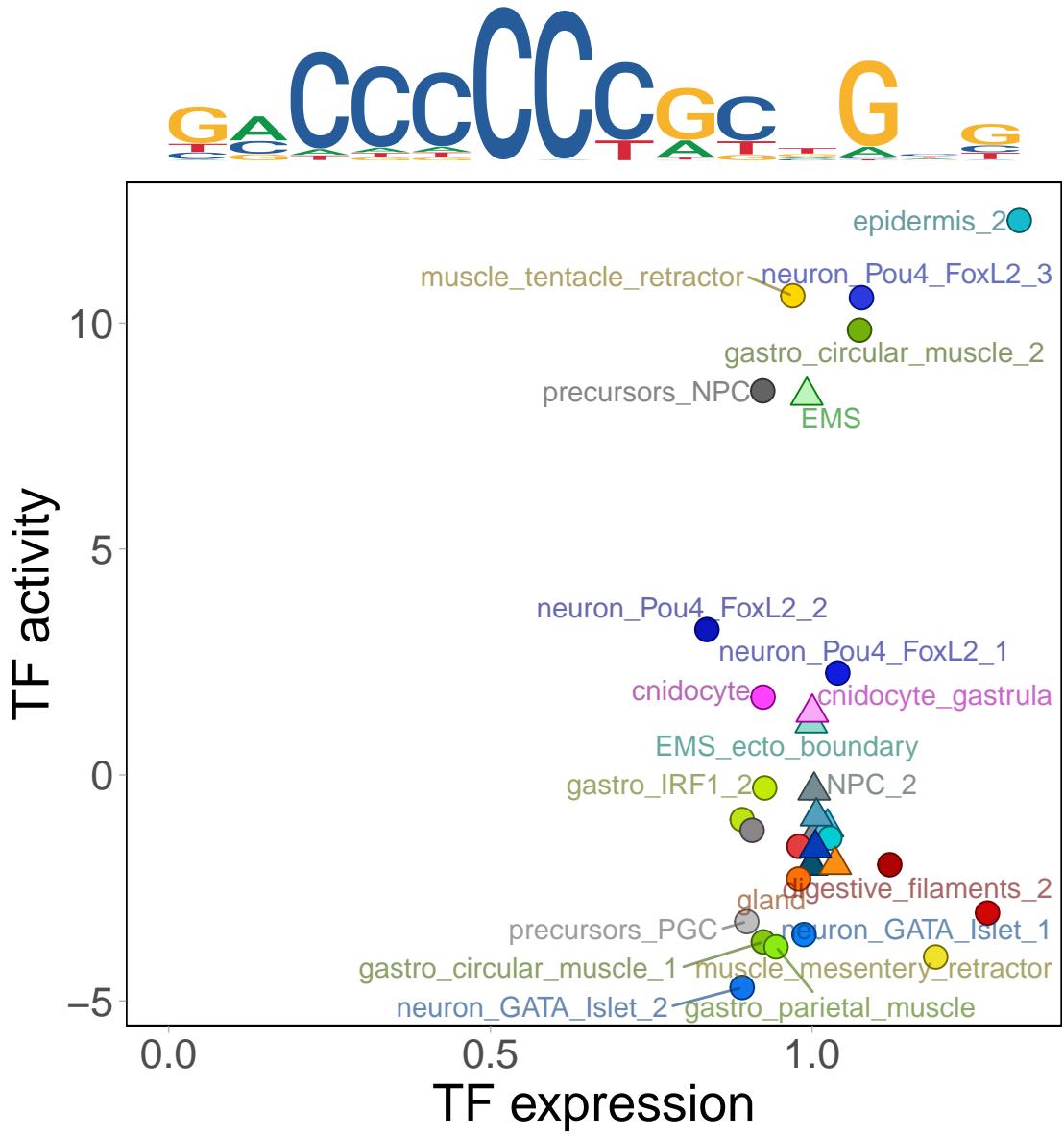
Nvec_vc1.1_XM_032382466.2
OG: bZIP.HG2.5:CEBPA/CEBPB/CEBP
PFAM: bZIP_2
motif: Cebpd/Cebpe/Cebpa/Cebpb_241
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.1591
gene score correlation: 0.1977



Nvec_vc1.1_XM_032382493.2
OG: bZIP.HG2.10:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH944_M04019_2.00_bHLH
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 62
gene expression correlation: -0.1488
gene score correlation: -0.0170



Nvec_vc1.1_XM_032382579.2
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH353_M06062_2.00__M064
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2151
gene score correlation: 0.5912



Nvec_vc1.1_XM_032382712.2

OG: RFX.HG1.1:RFX5/RFX7

PFAM: RFX5_N/RFX_DNA_binding

motif: ARCH653_/Rfx5

TF family: RFX

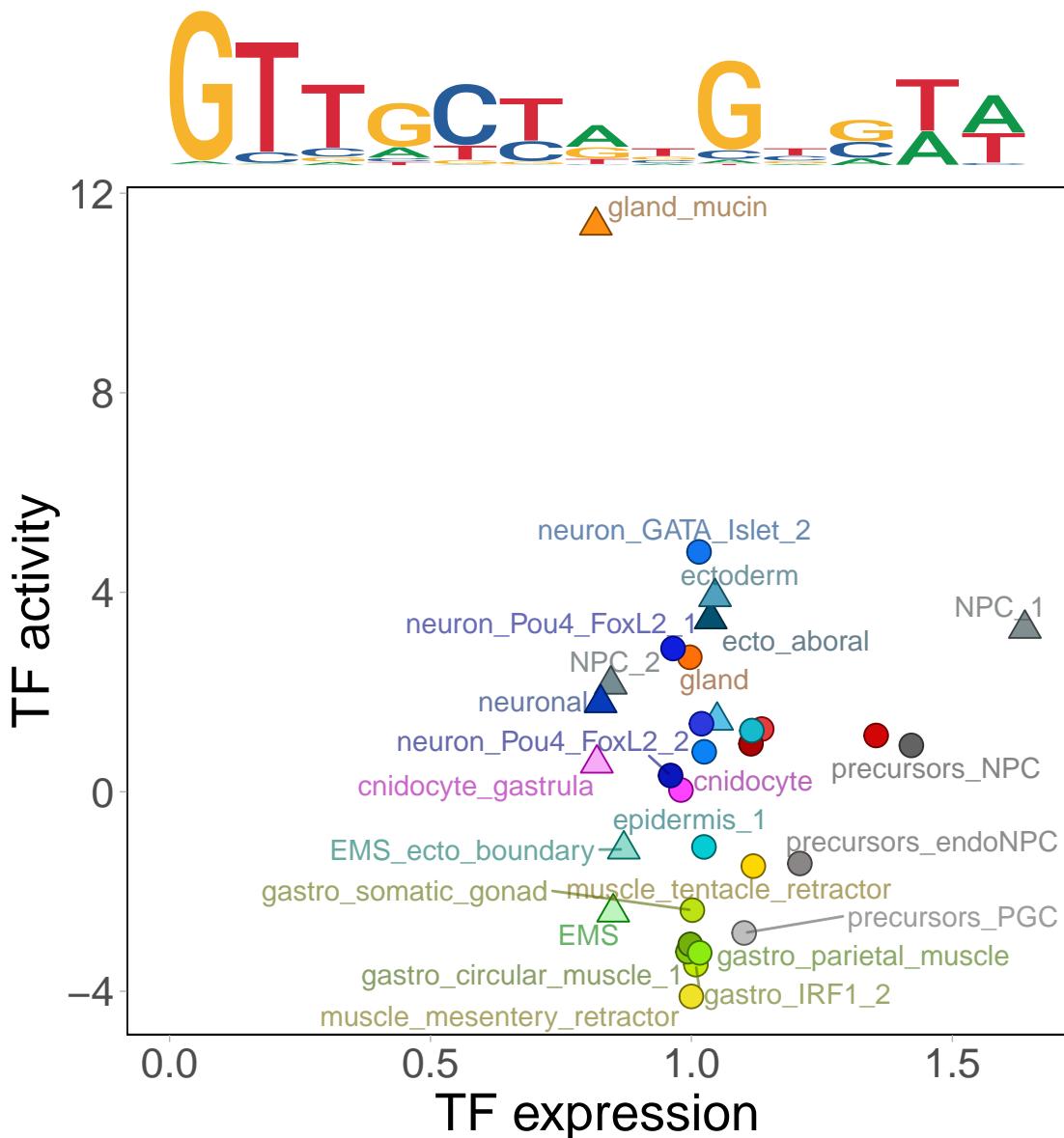
archetype family: RFX

CisBP assigned: TRUE

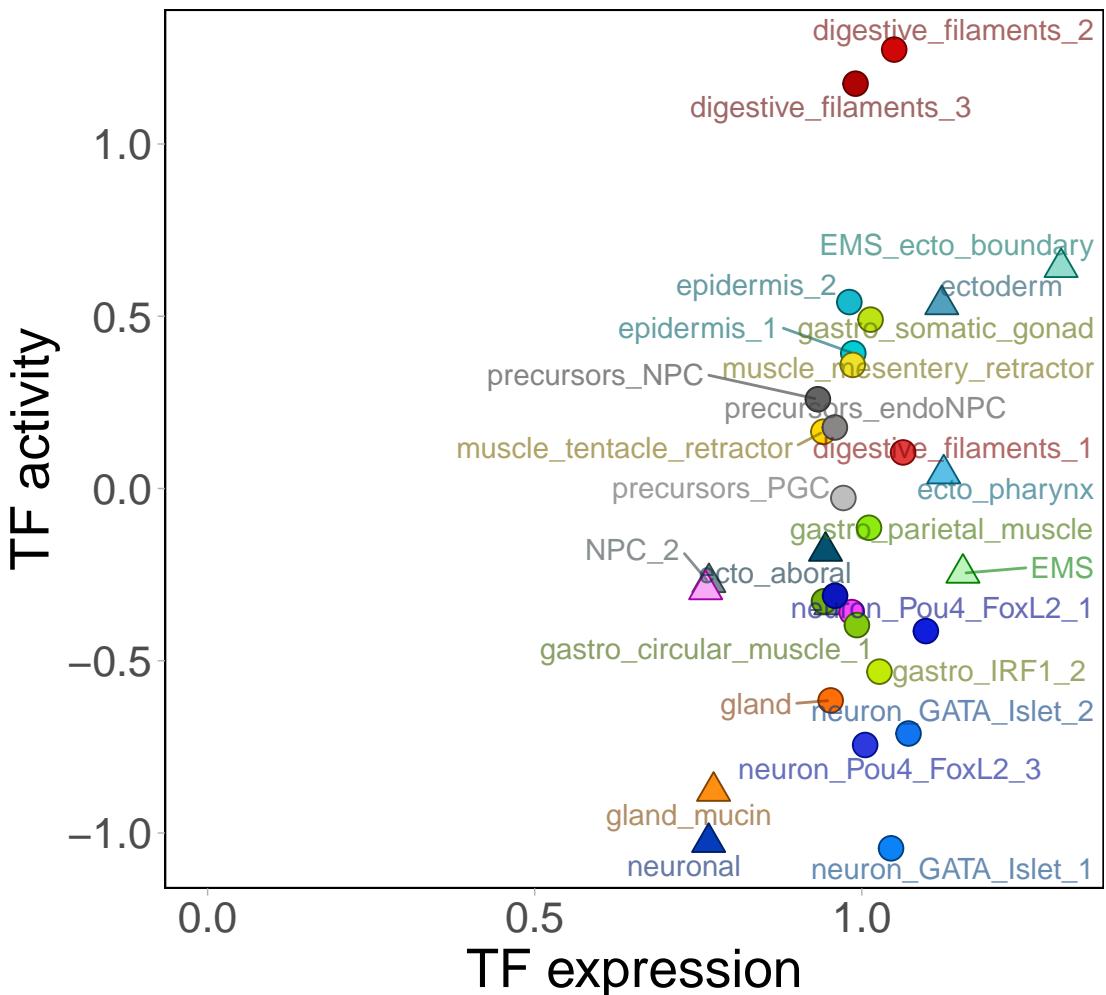
rank: 303

gene expression correlation: -0.0113

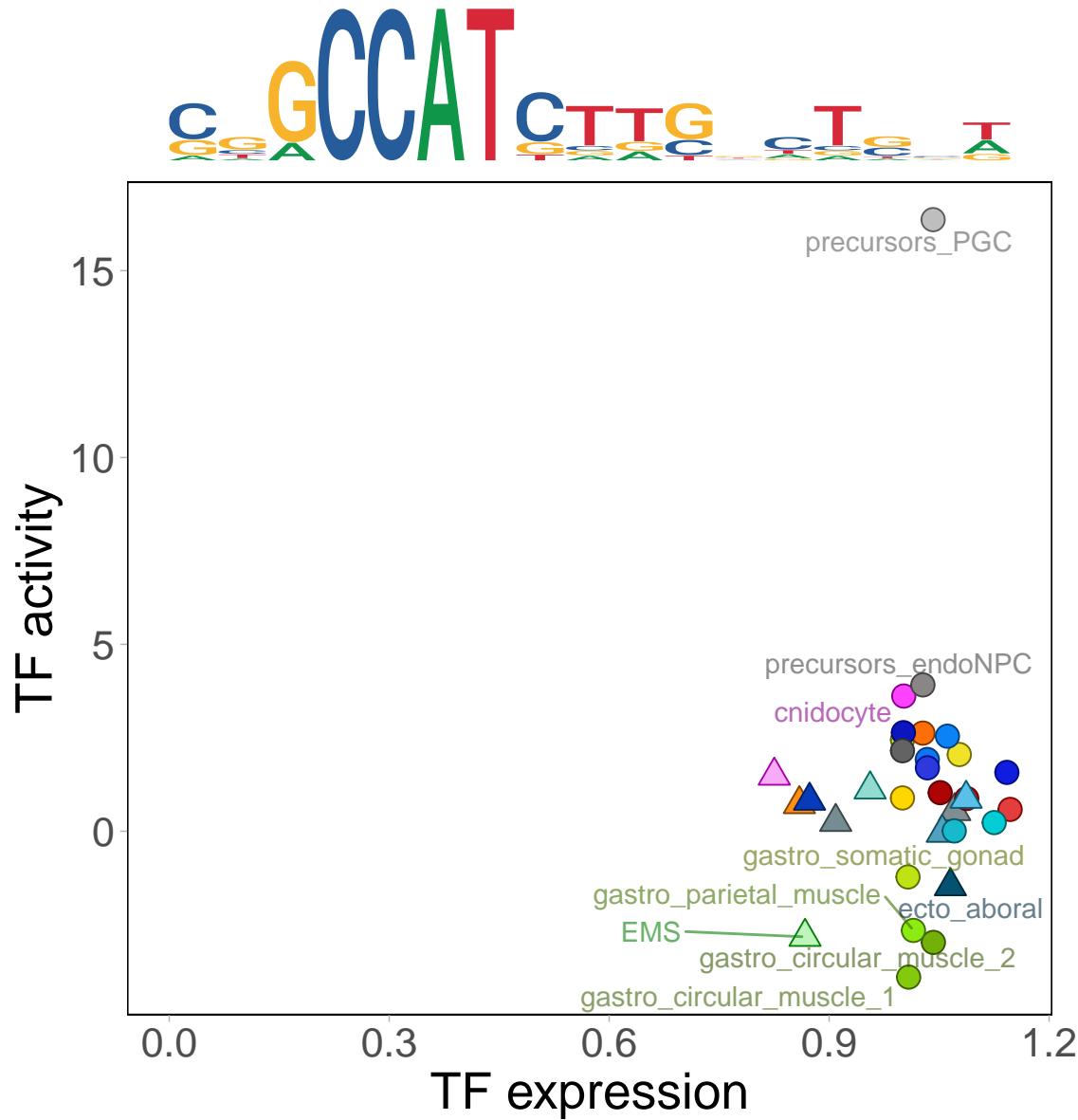
gene score correlation: 0.0381



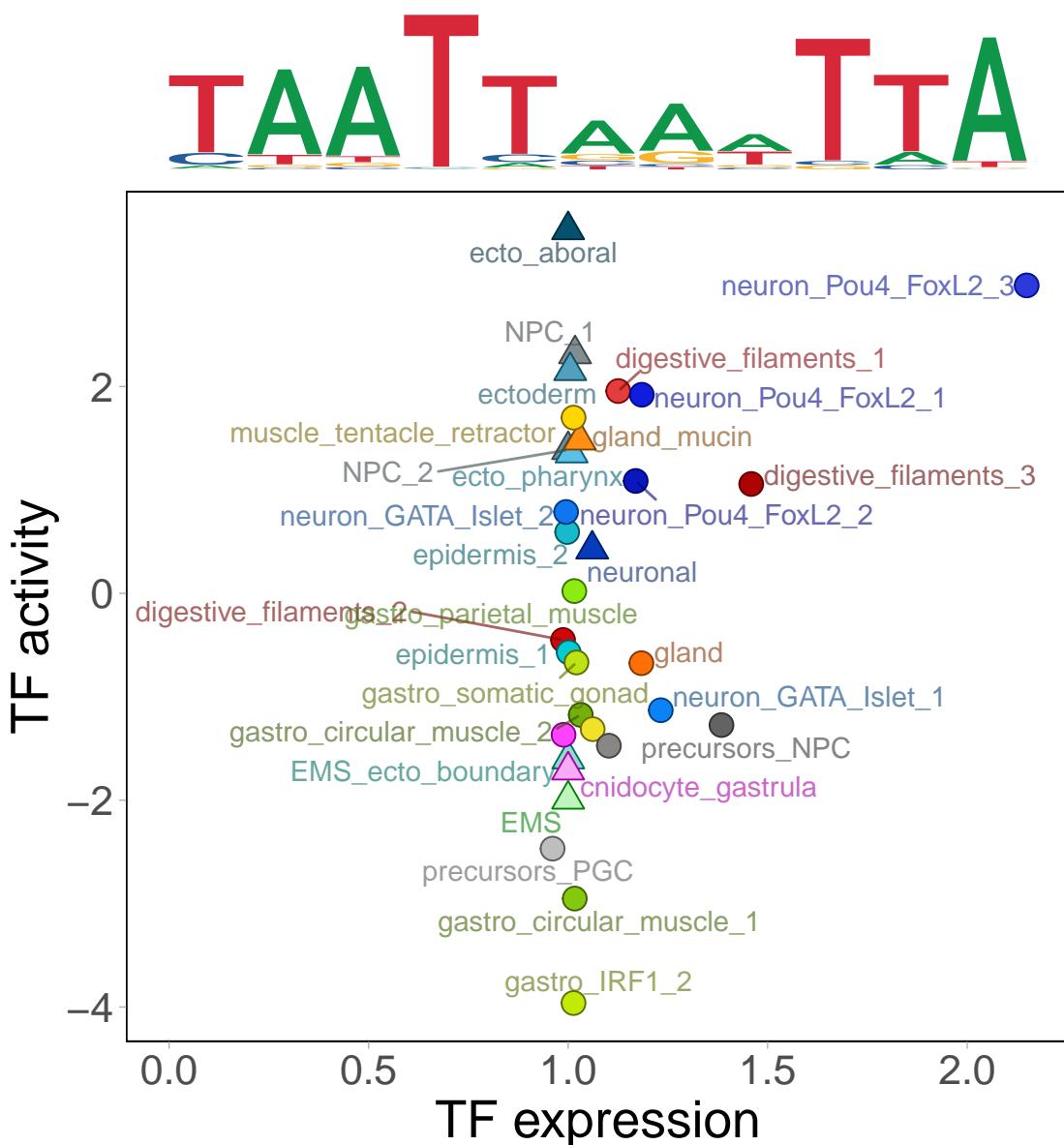
Nvec_vc1.1_XM_032382719.2
OG: P53.HG1.5:like:TP53/TP63/TP73
PFAM: P53/P53_tetramer
motif: M11197_2.00
TF family: P53
archetype family: P53
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.3540
gene score correlation: 0.4097



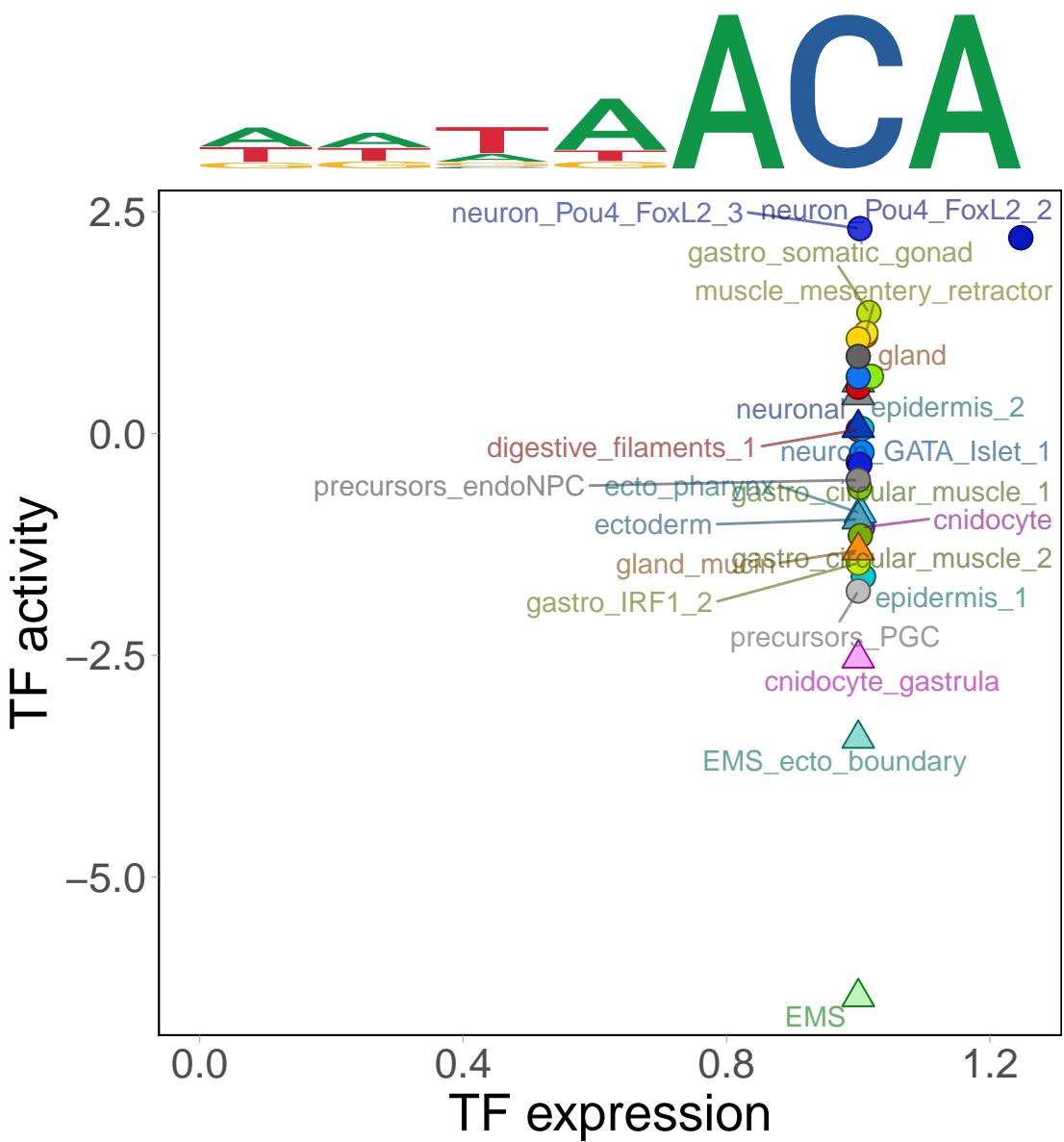
Nvec_vc1.1_XM_032383547.2
OG: zf-C2H2.HG1.10:like:AC008758.1/
PFAM: zf-C2H2/zf-H2C2_2/zf-C2H2/z/
motif: ARCH523_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.0916
gene score correlation: 0.4732



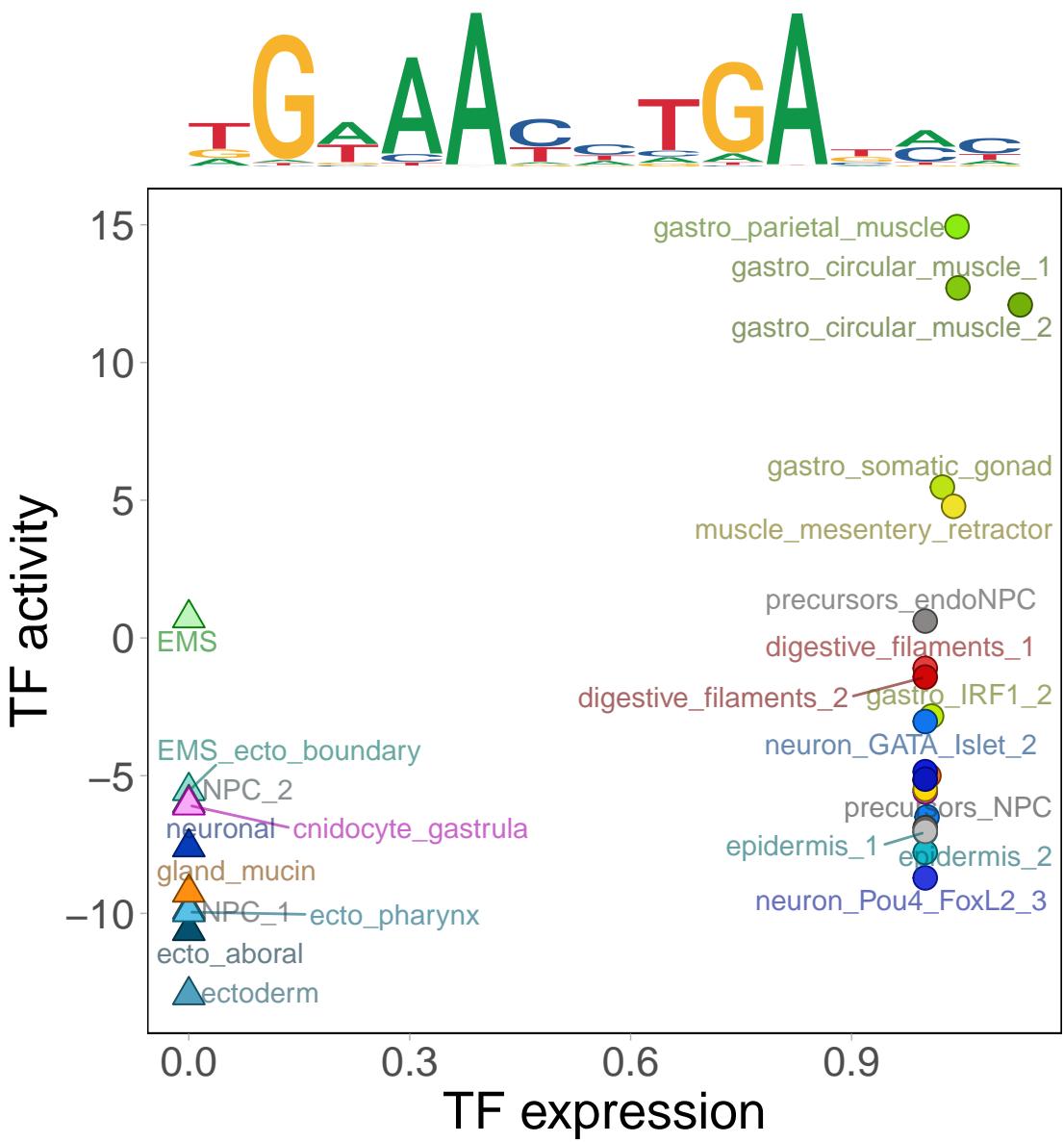
Nvec_vc1.1_XM_032383560.2
OG: Homeodomains.HG2.69:OTP
PFAM: Homeodomain/OAR
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.2943
gene score correlation: 0.2737



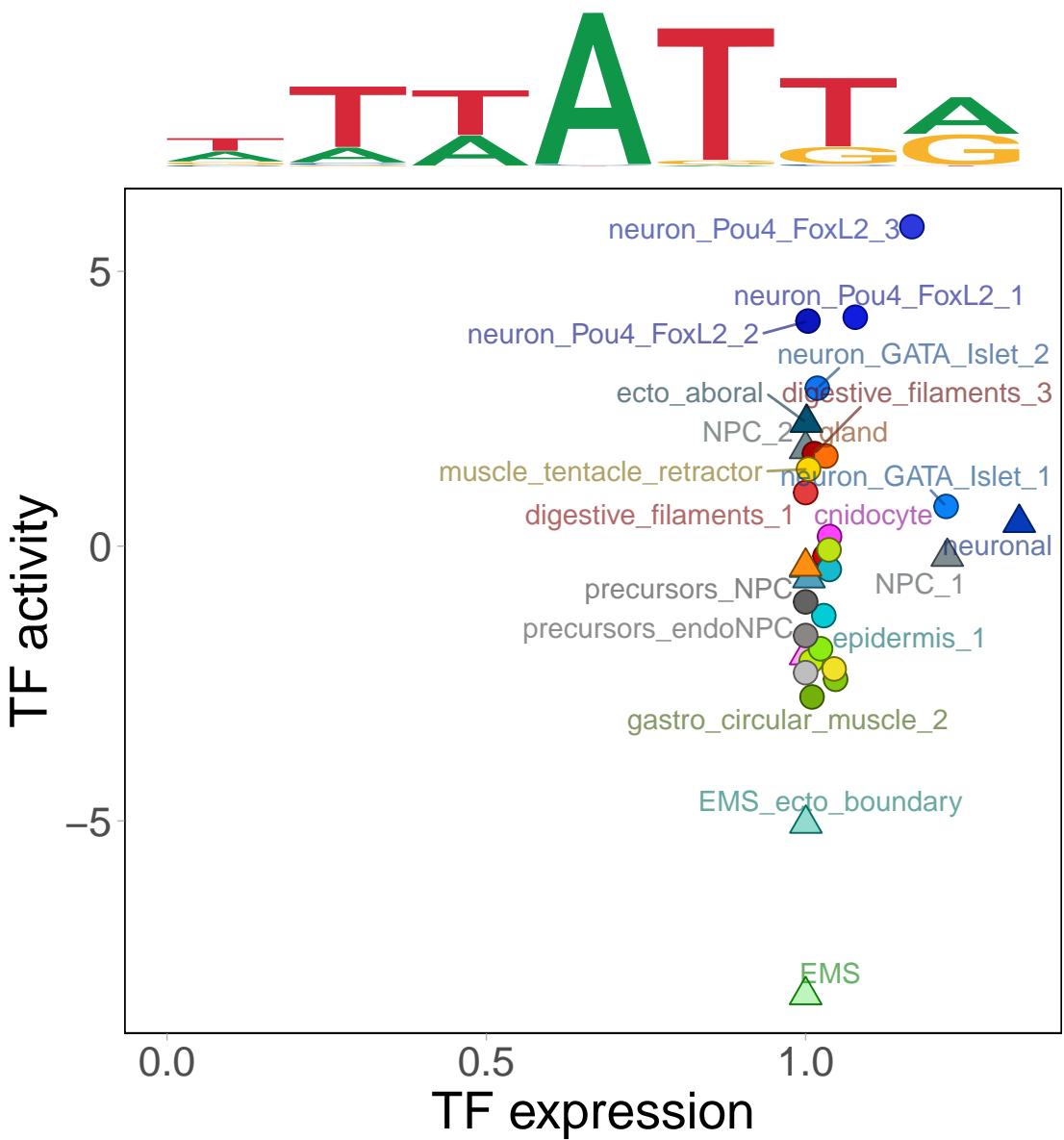
Nvec_vc1.1_XM_032383663.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH1052_Irx6
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1351
gene expression correlation: 0.3124
gene score correlation: -0.3617



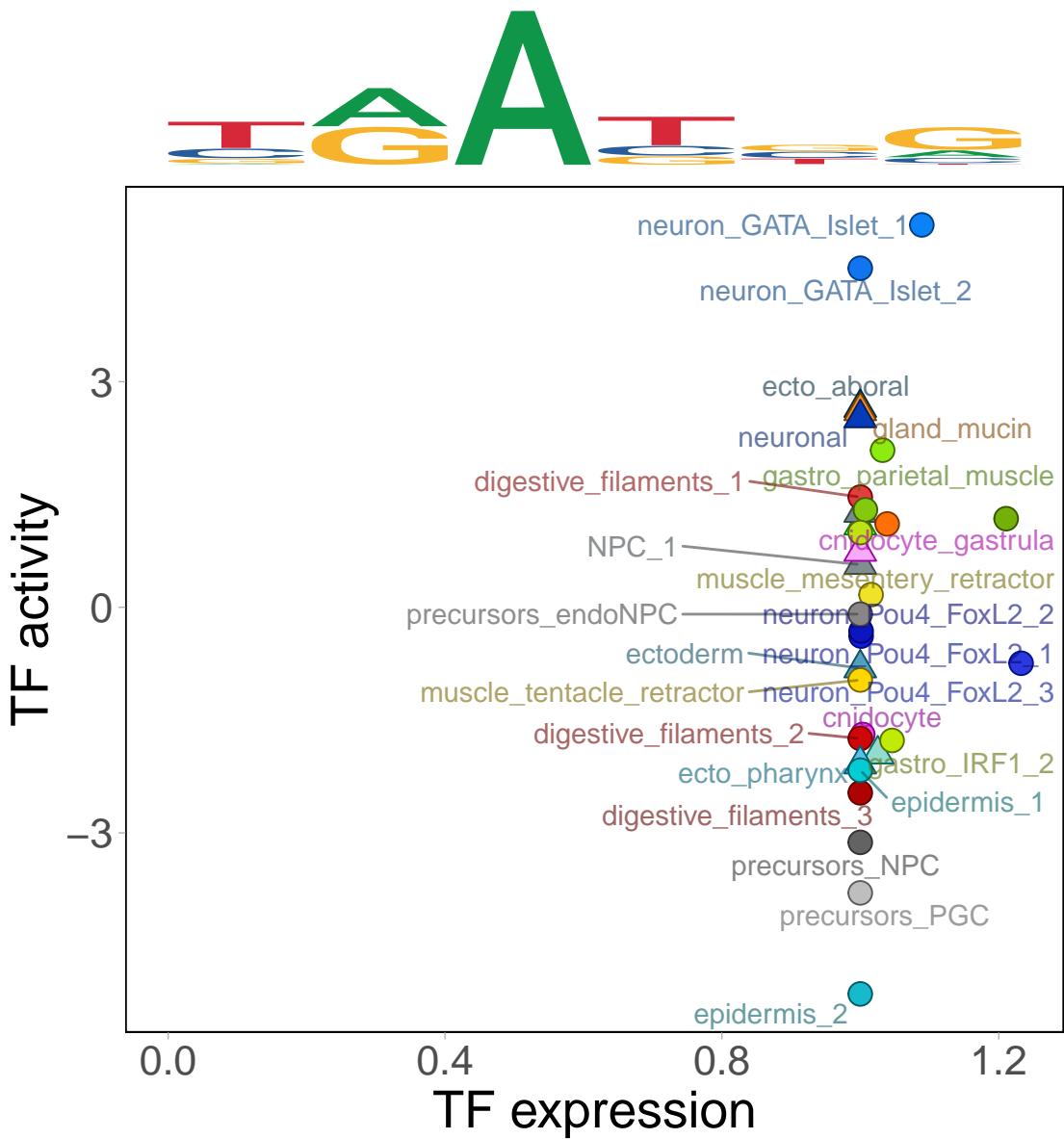
Nvec_vc1.1_XM_032383677.2
OG: Homeodomains.HG1.70:HOXA2/HG1.70
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4635
gene score correlation: 0.8450



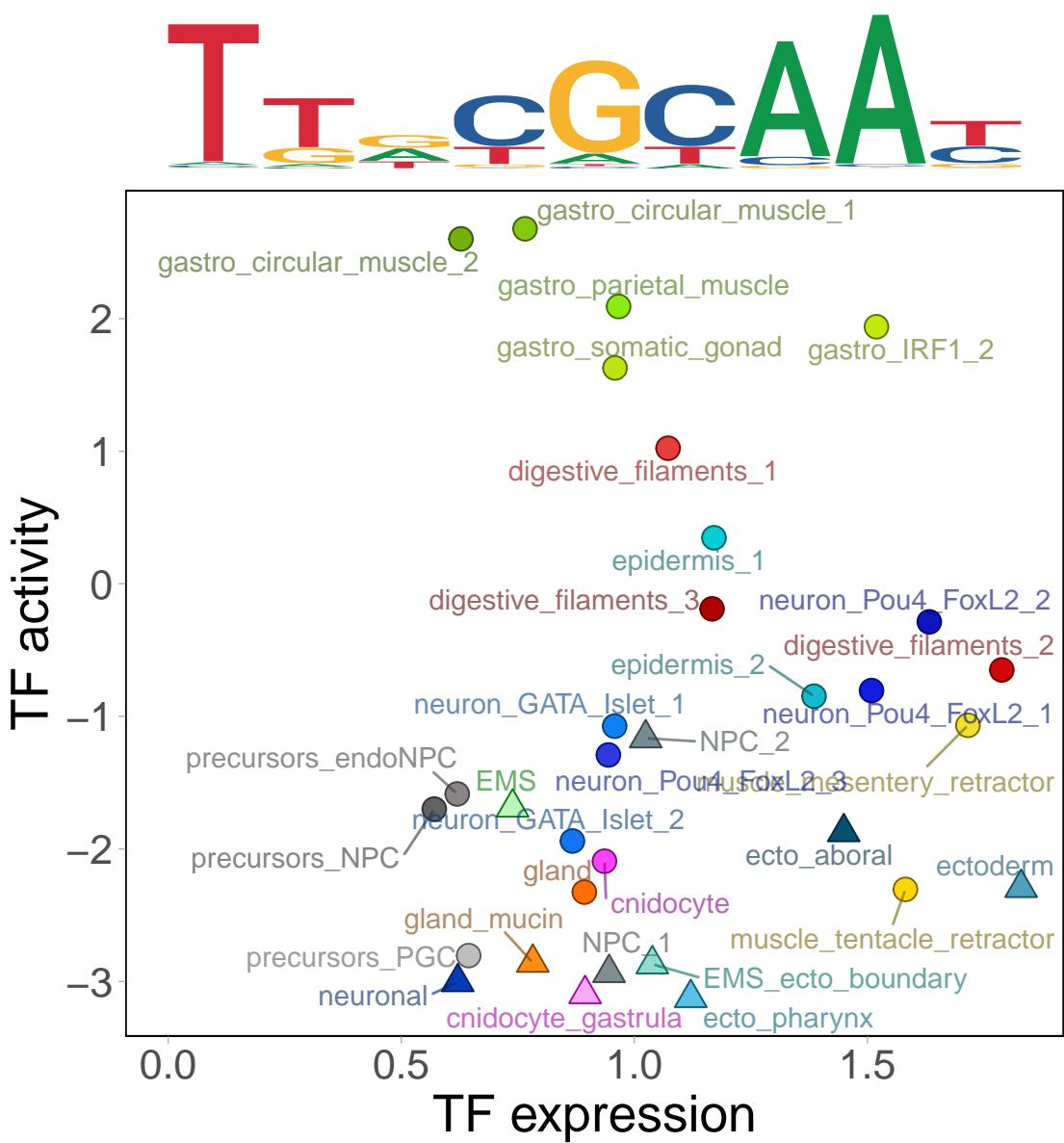
Nvec_vc1.1_XM_032383681.2
OG: Homeodomains.HG1.51:like:AC004
PFAM: Homeodomain
motif: ARCH243_Alx3/AIx4/AIx1_HIx_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 29
gene expression correlation: 0.2489
gene score correlation: 0.4753



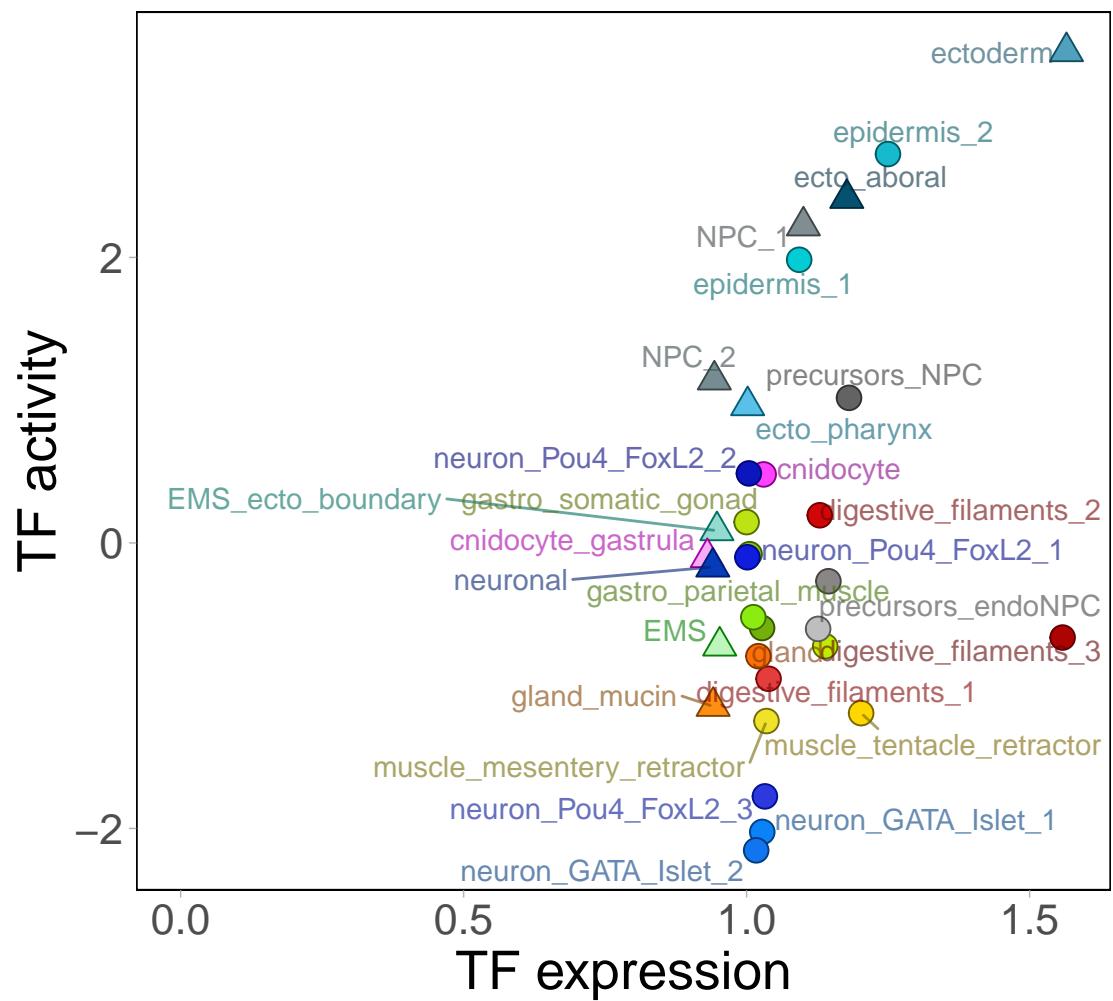
Nvec_vc1.1_XM_032383695.2
OG: Homeodomains.HG1.52:EVX1/EVX2
PFAM: Homeodomain
motif: ARCH181_Barx2/Barx1_Dlx4/Dlx5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 71
gene expression correlation: 0.1289
gene score correlation: 0.2223



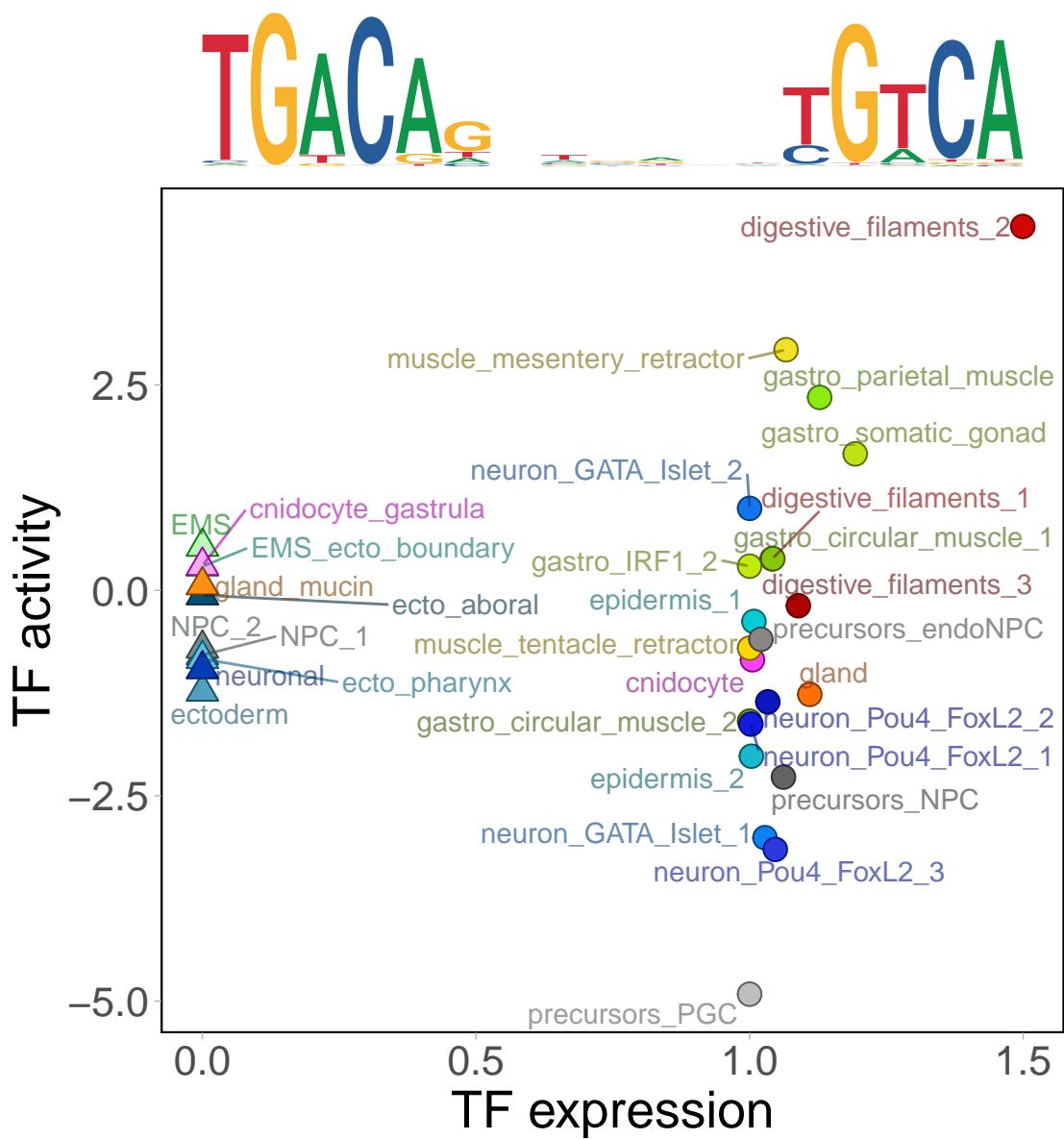
Nvec_vc1.1_XM_032383717.2
OG: bZIP.HG2.0:like:CEBPA/CEBPB/C
PFAM: bZIP_2
motif: ARCH640_Cebpd/Cebpe/Cebpa/
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 555
gene expression correlation: 0.0610
gene score correlation: 0.0590



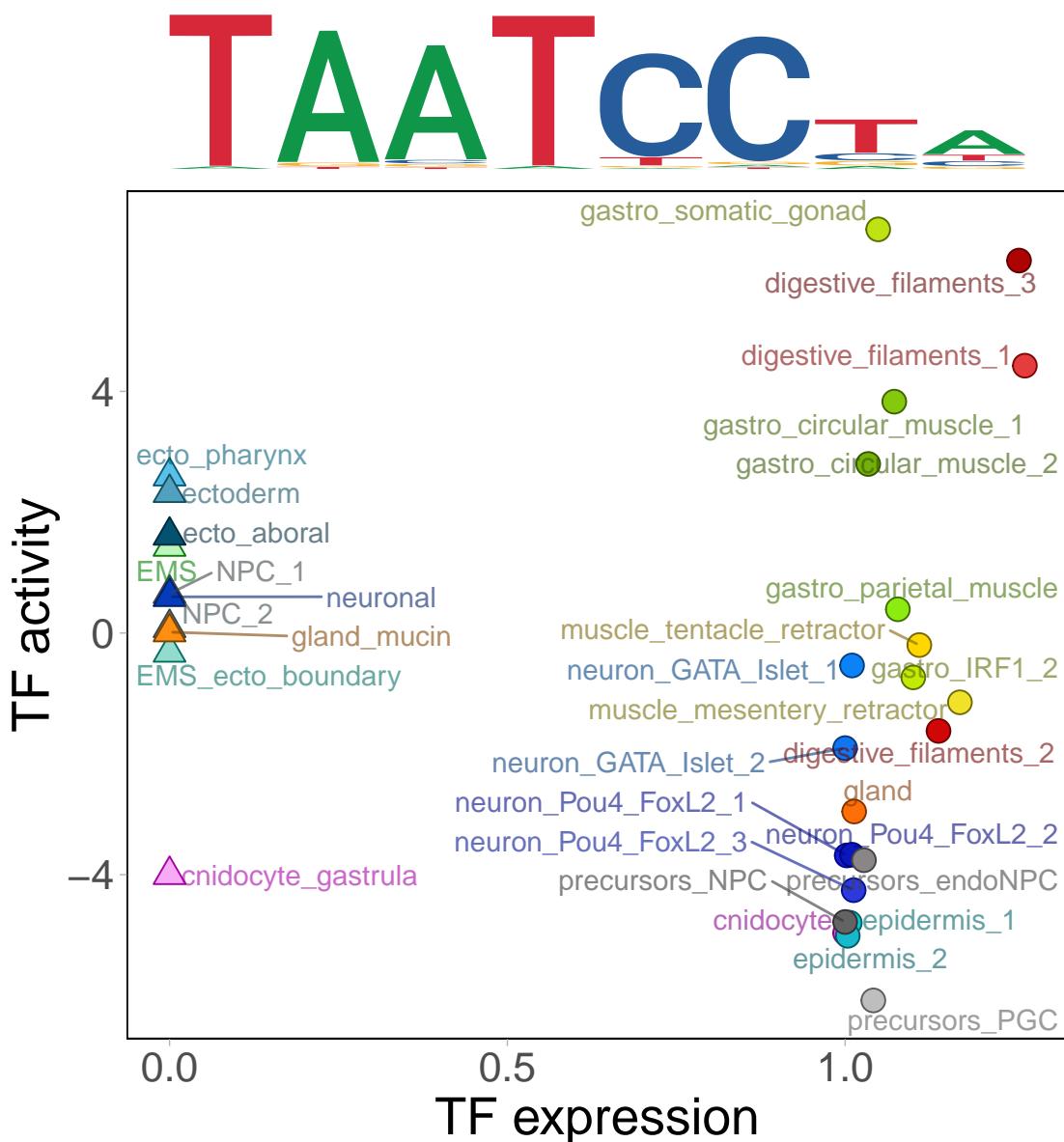
Nvec_vc1.1_XM_032383905.2
OG: HLH.HG1.11:HEY1/HEY2/HEYL
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 404
gene expression correlation: 0.3929
gene score correlation: 0.2298



Nvec_vc1.1_XM_032383925.2
OG: Homeodomains.HG1.21:BARX1/B
PFAM: Homeodomain
motif: ARCH768_Meis3/Meis2/Meis1_P
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.0747
gene score correlation: 0.6964



Nvec_vc1.1_XM_032383948.2
OG: Homeodomains.HG1.57:GBX1/GB
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: -0.1540
gene score correlation: 0.6980



Nvec_vc1.1_XM_032383979.2

OG: P53.HG1.4:TP53/TP63/TP73

PFAM: P53

motif: ARCH910_p53

TF family: P53

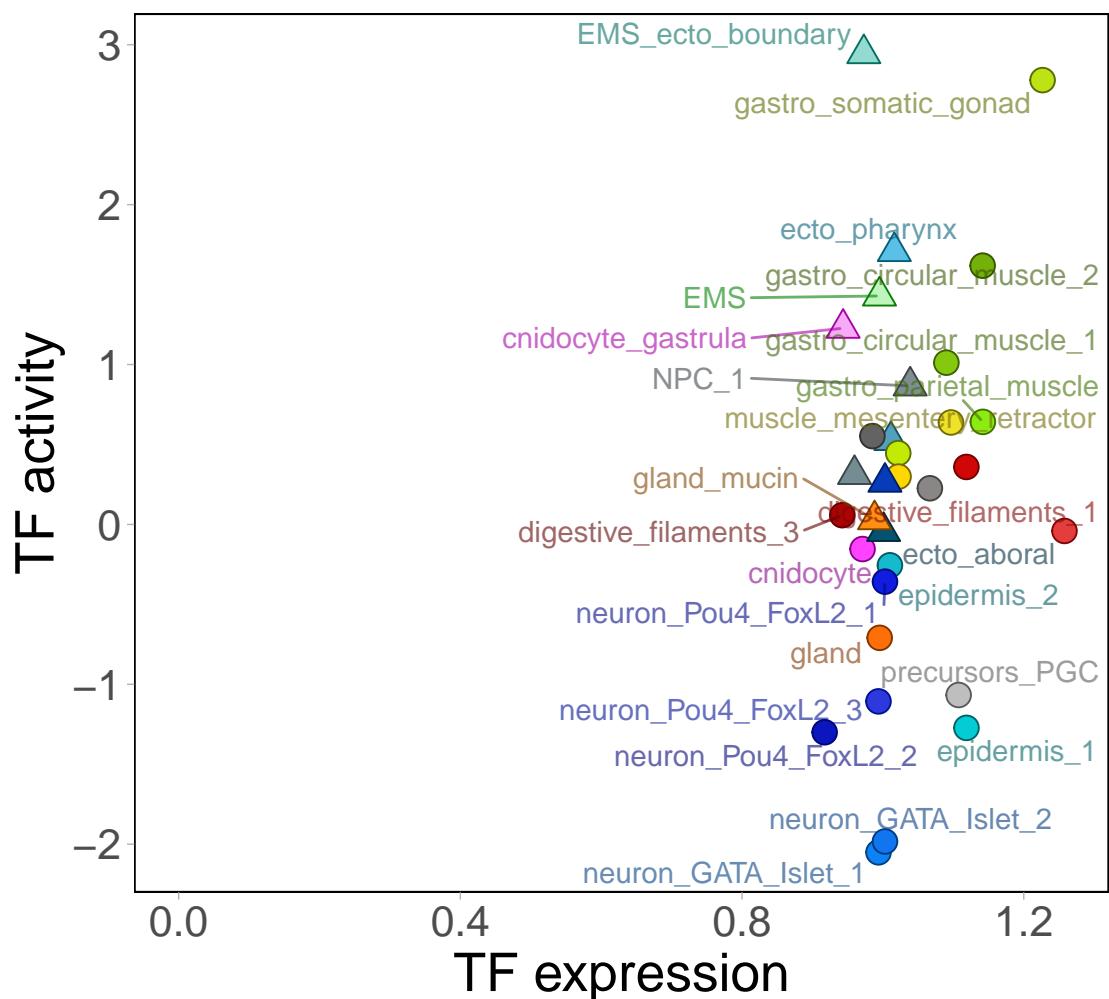
archetype family: P53

CisBP assigned: FALSE

rank: 281

gene expression correlation: 0.2218

gene score correlation: 0.5905



Nvec_vc1.1_XM_032384063.2

OG: HLH.HG1.53:HES5/HES7

PFAM: HLH

motif: ARCH1533_BHLH112

TF family: HLH

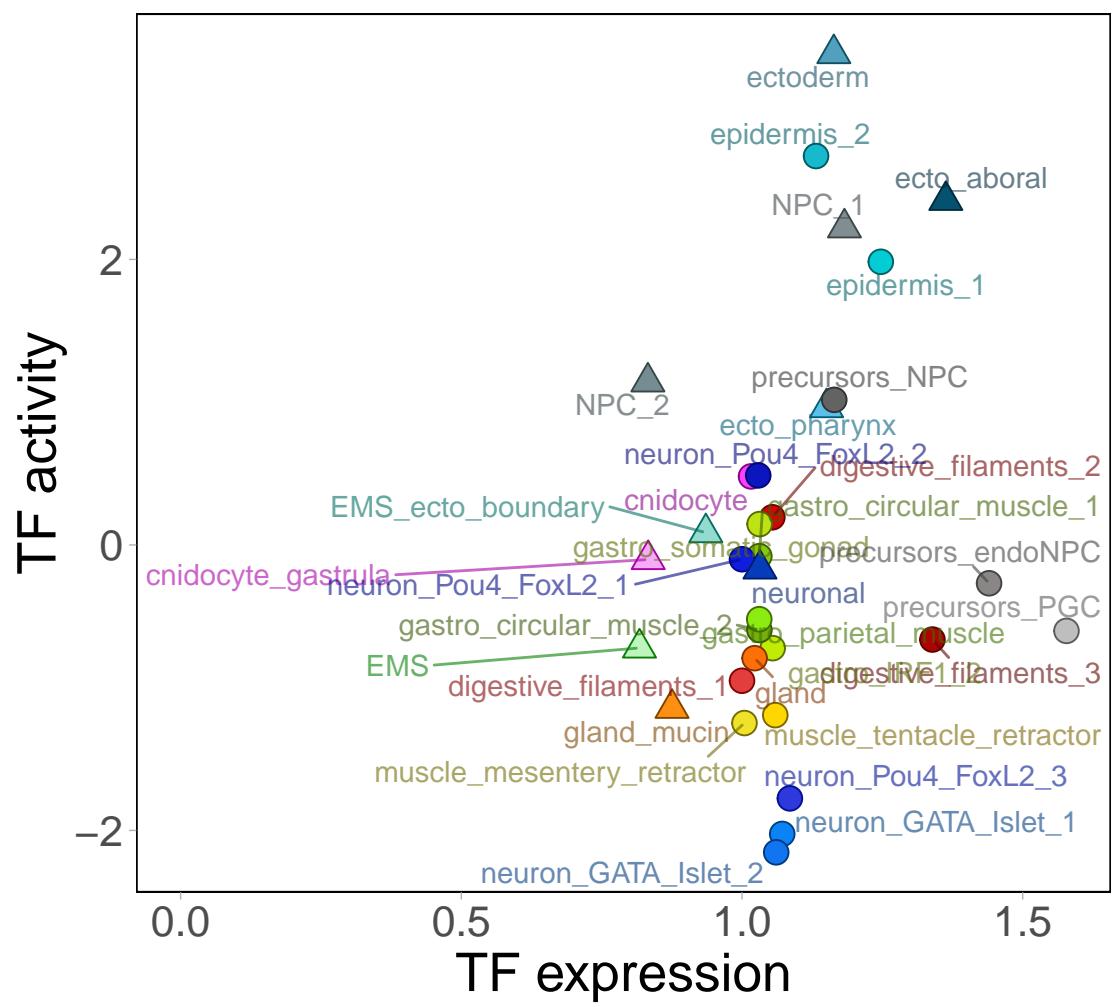
archetype family: HLH

CisBP assigned: FALSE

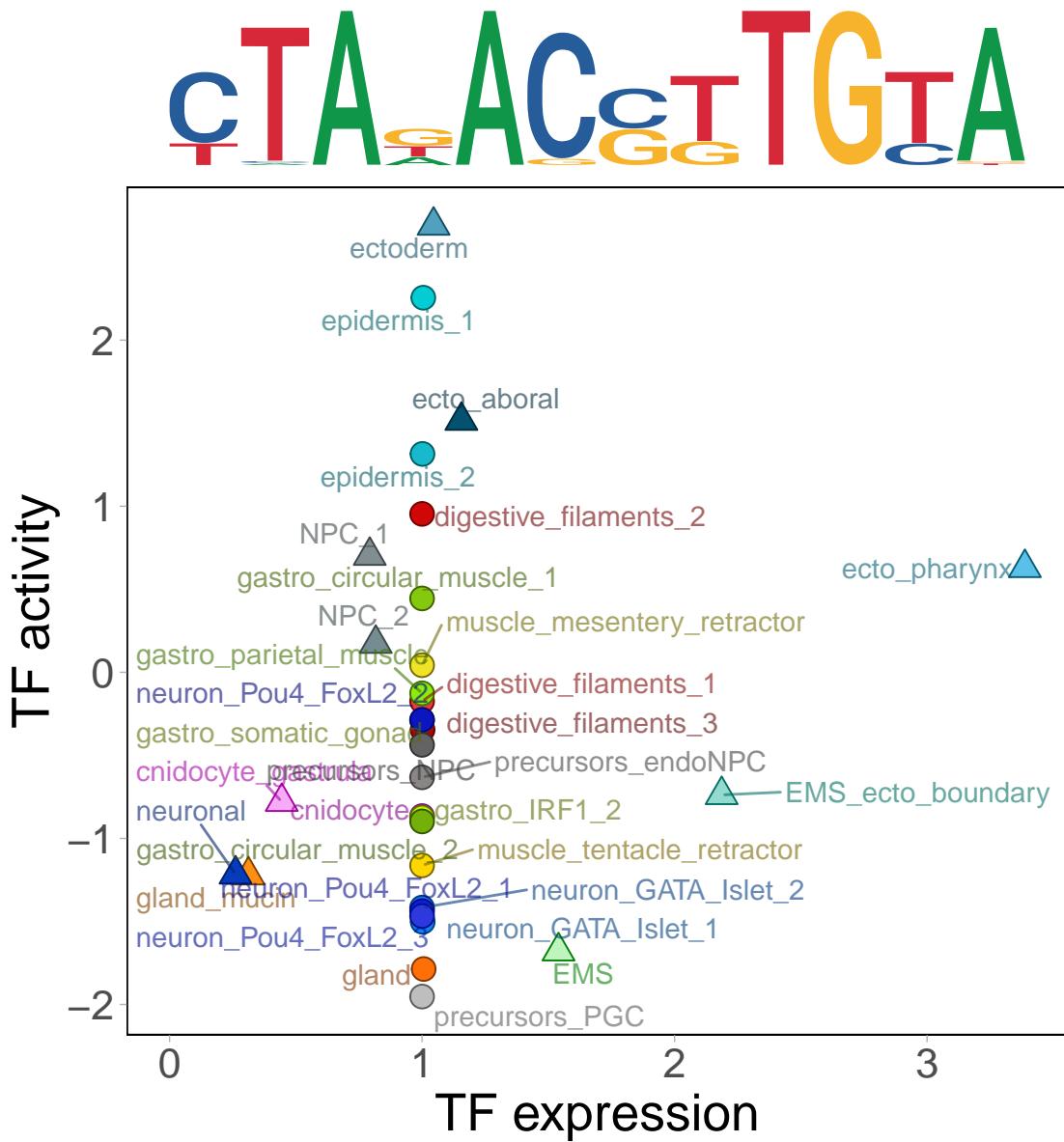
rank: 27

gene expression correlation: 0.2406

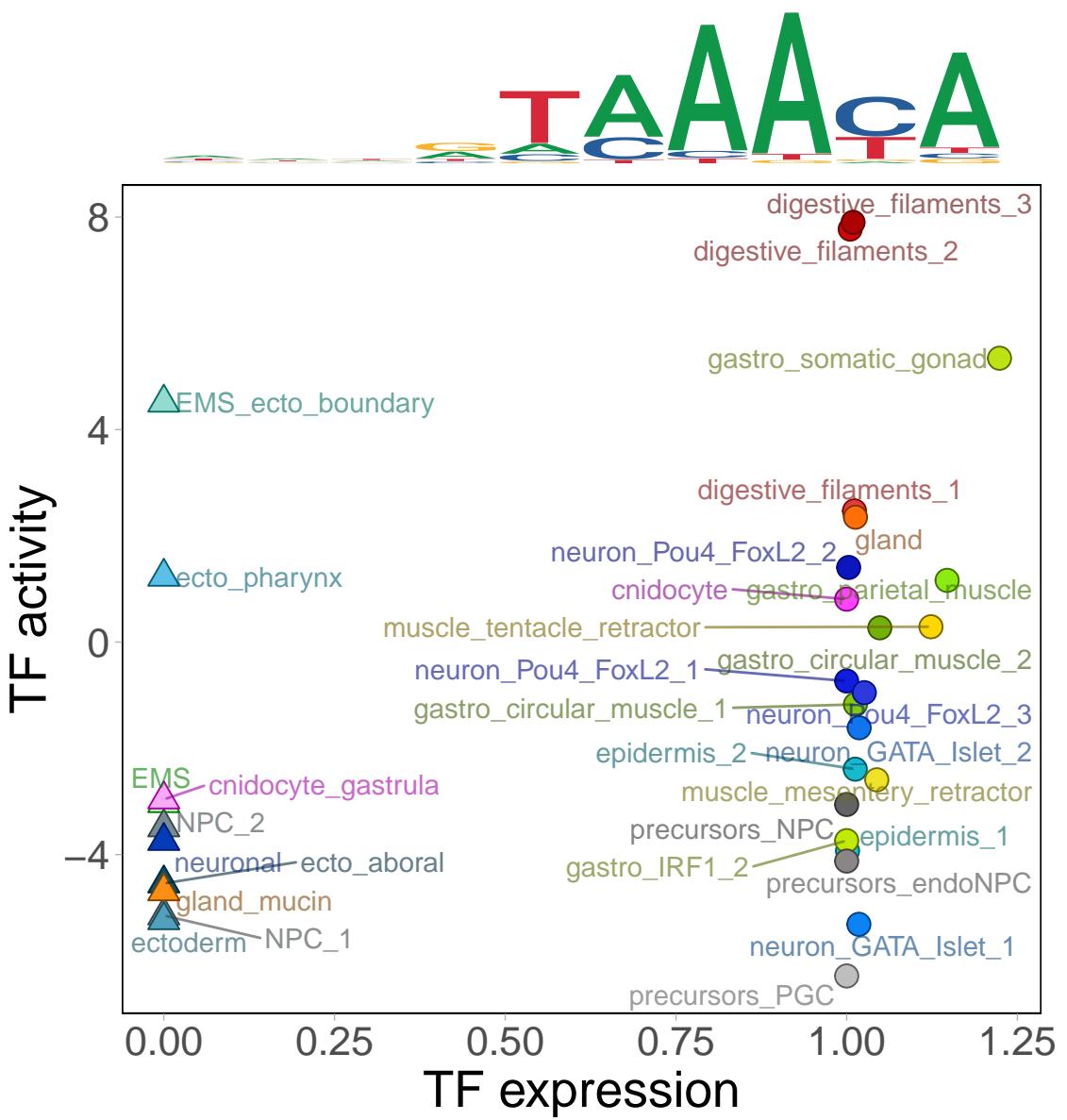
gene score correlation: 0.4152



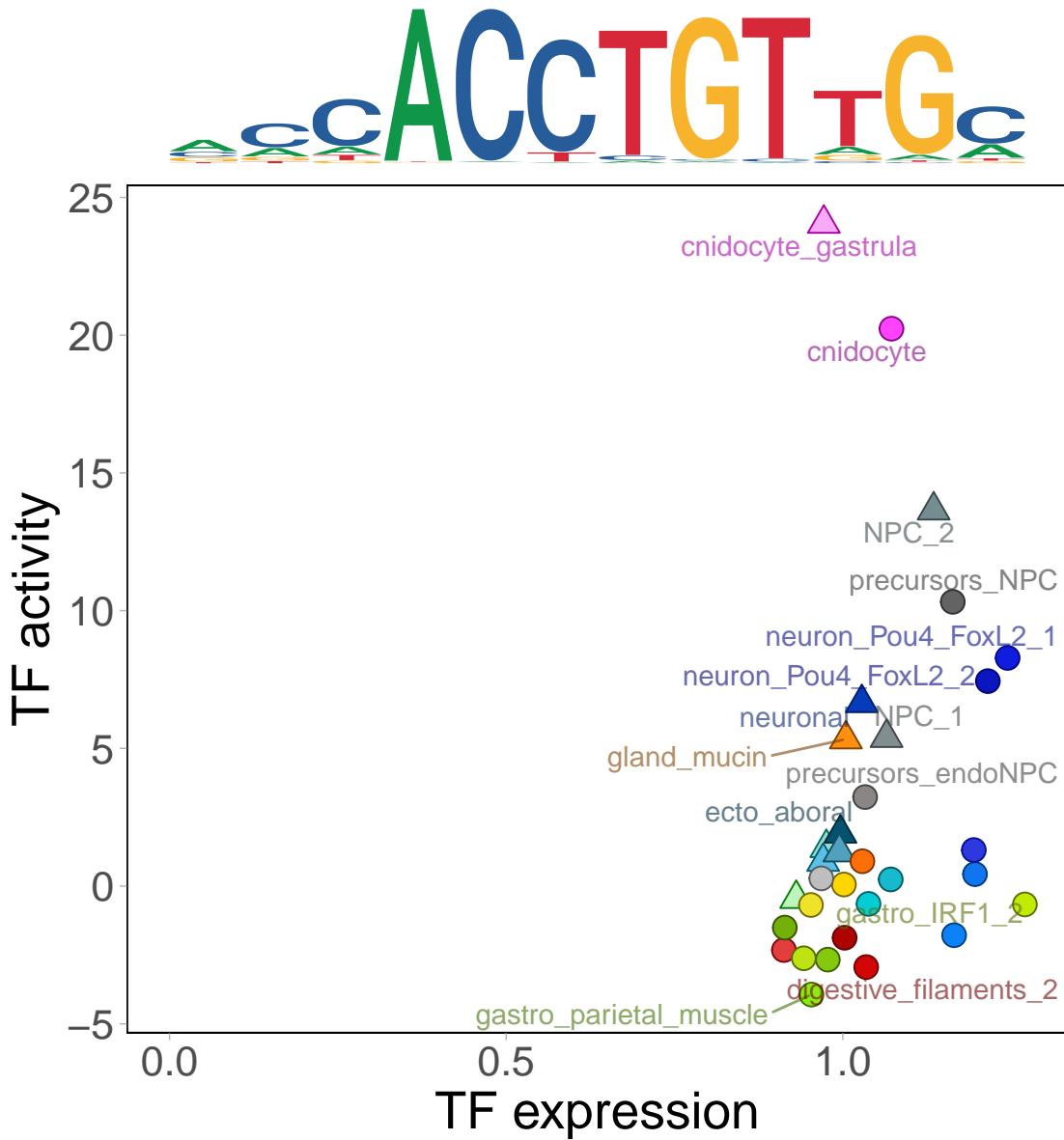
Nvec_vc1.1_XM_032384091.2
OG: Doublesex_DM.HG1.14:like:DMRT
PFAM: DM/DMA
motif: ARCH661_Dmrt1
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: FALSE
rank: 46
gene expression correlation: 0.1421
gene score correlation: 0.2296



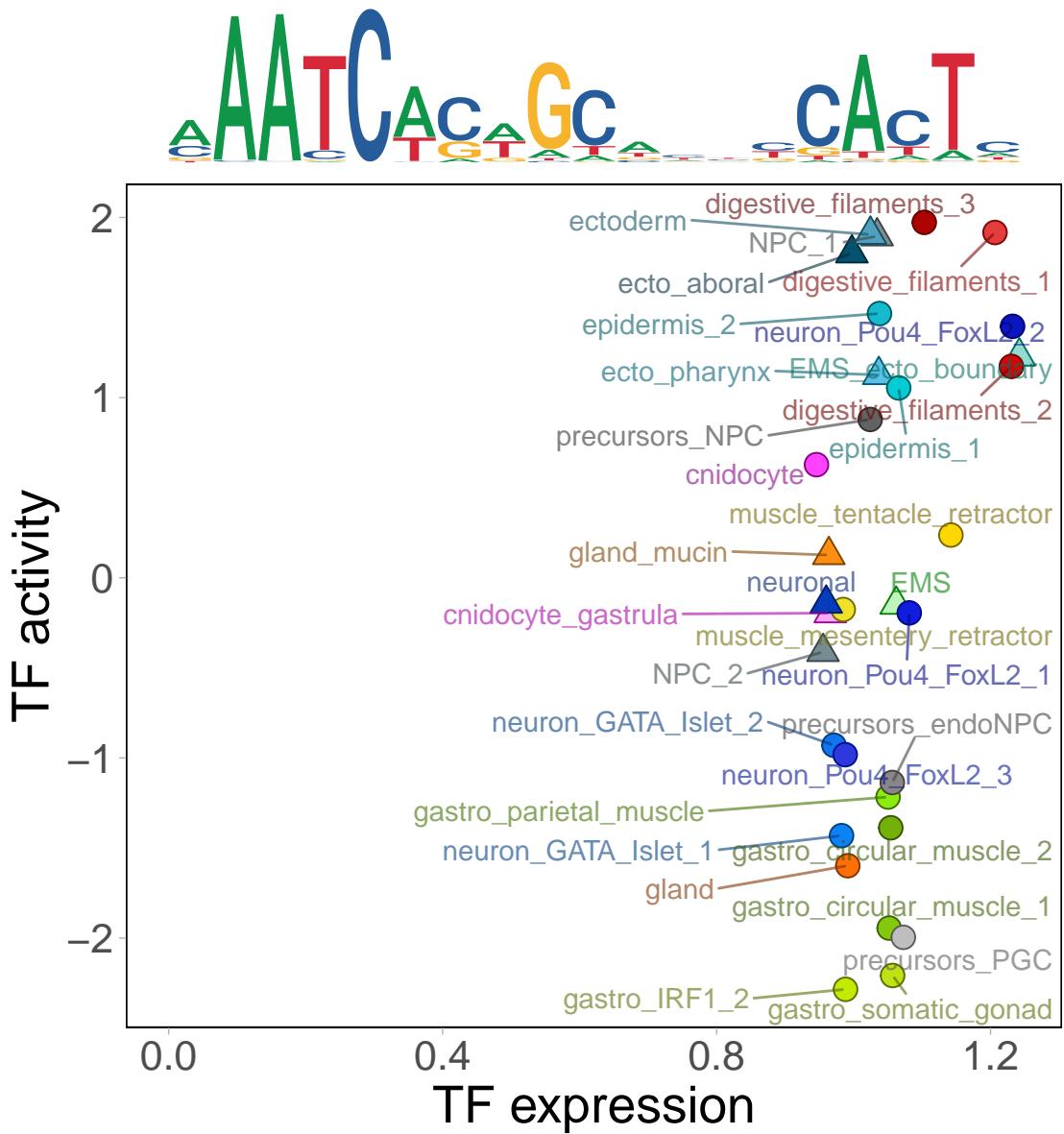
Nvec_vc1.1_XM_032384126.2
OG: Forkhead.HG1.17:like:FOXI1/FOXI2
PFAM: Forkhead
motif: M00164_2.00
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.3297
gene score correlation: 0.1845



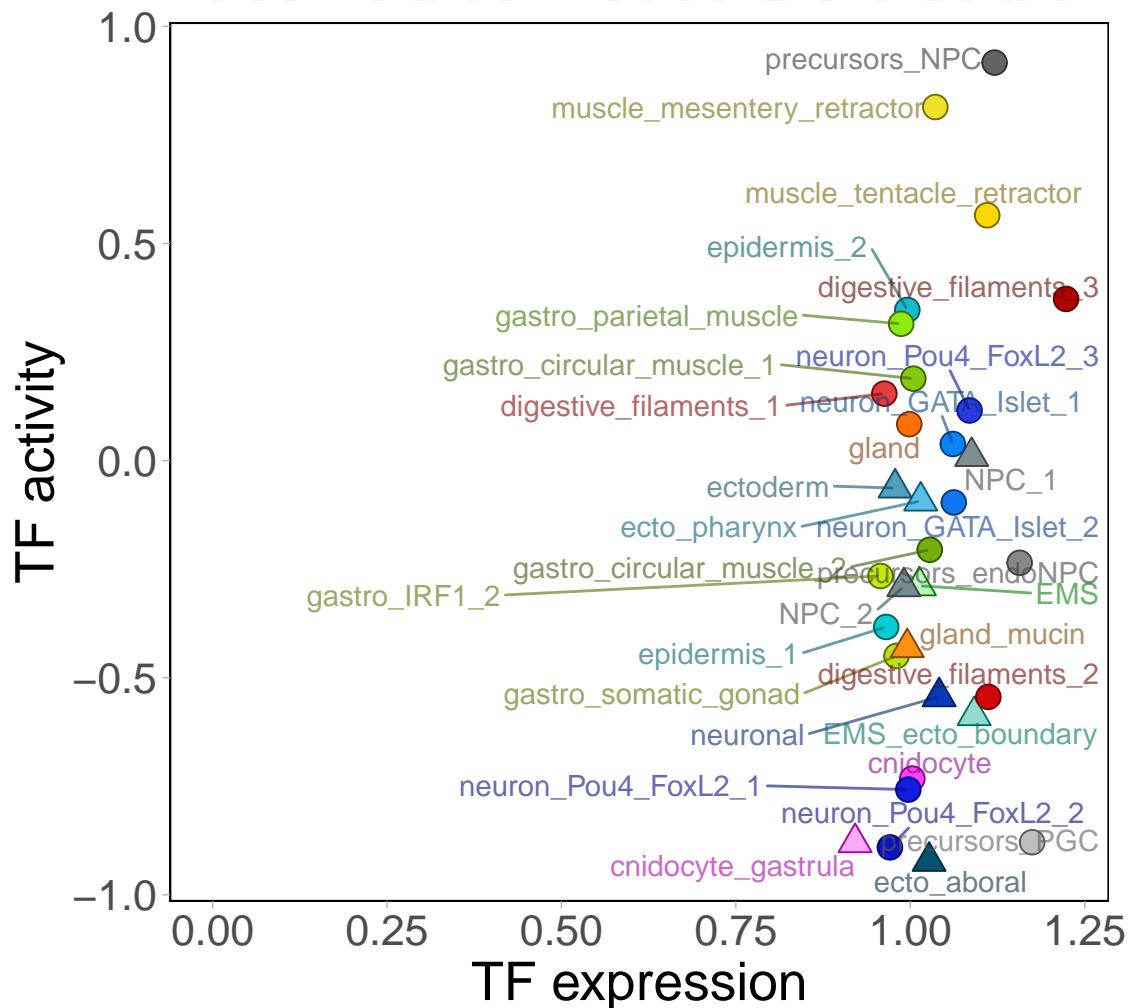
Nvec_vc1.1_XM_032384134.2
OG: zf-C2H2.HG3.3:ZNF641
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2465
gene score correlation: 0.6954



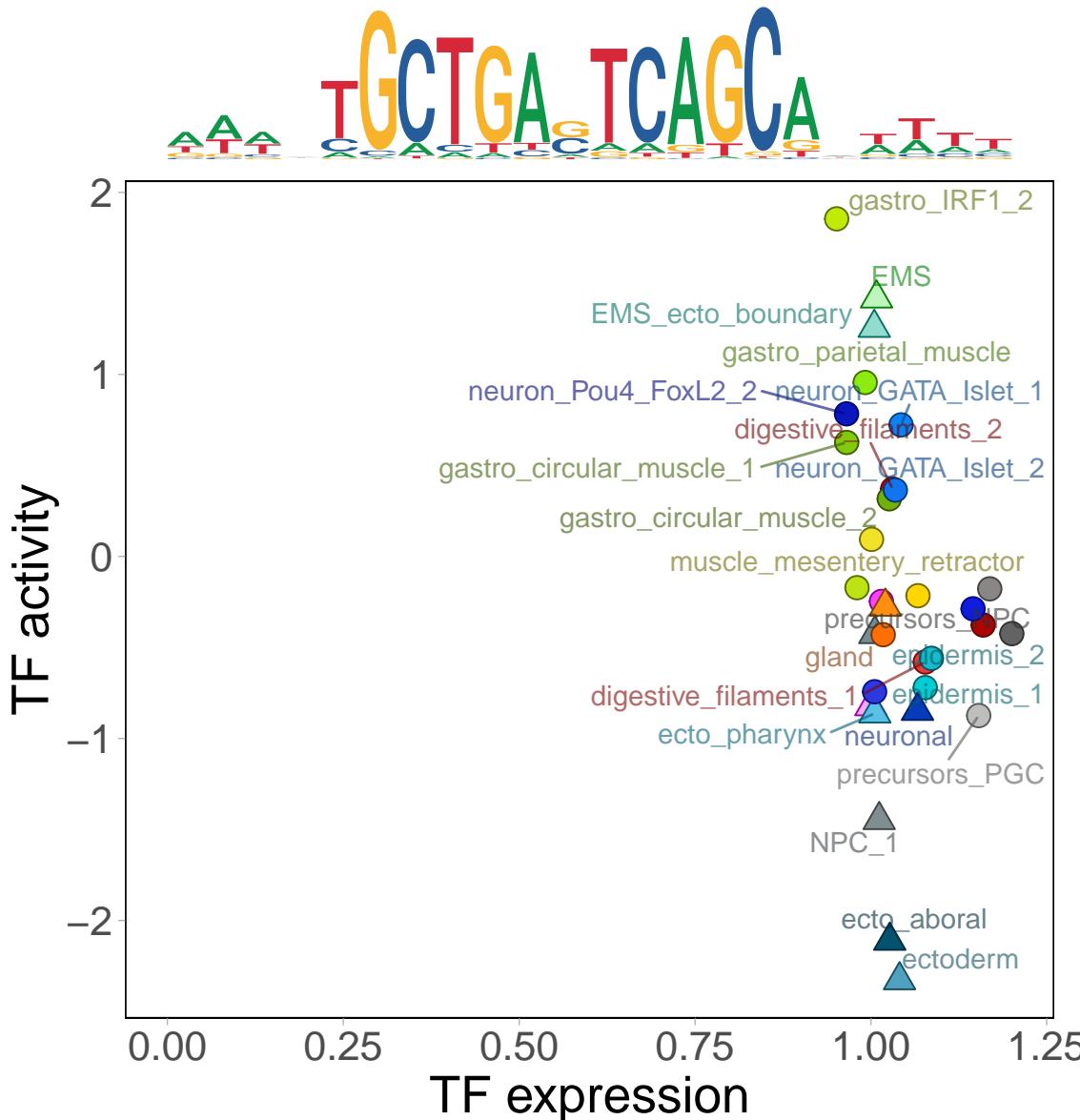
Nvec_vc1.1_XM_032384172.2
OG: zf-C2H2.HG1.40:GZF1/ZBTB24
PFAM: zf-C2H2_6/zf-C2H2/zf-C2H2/zf-C2H2_1
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 106
gene expression correlation: 0.3699
gene score correlation: 0.2342



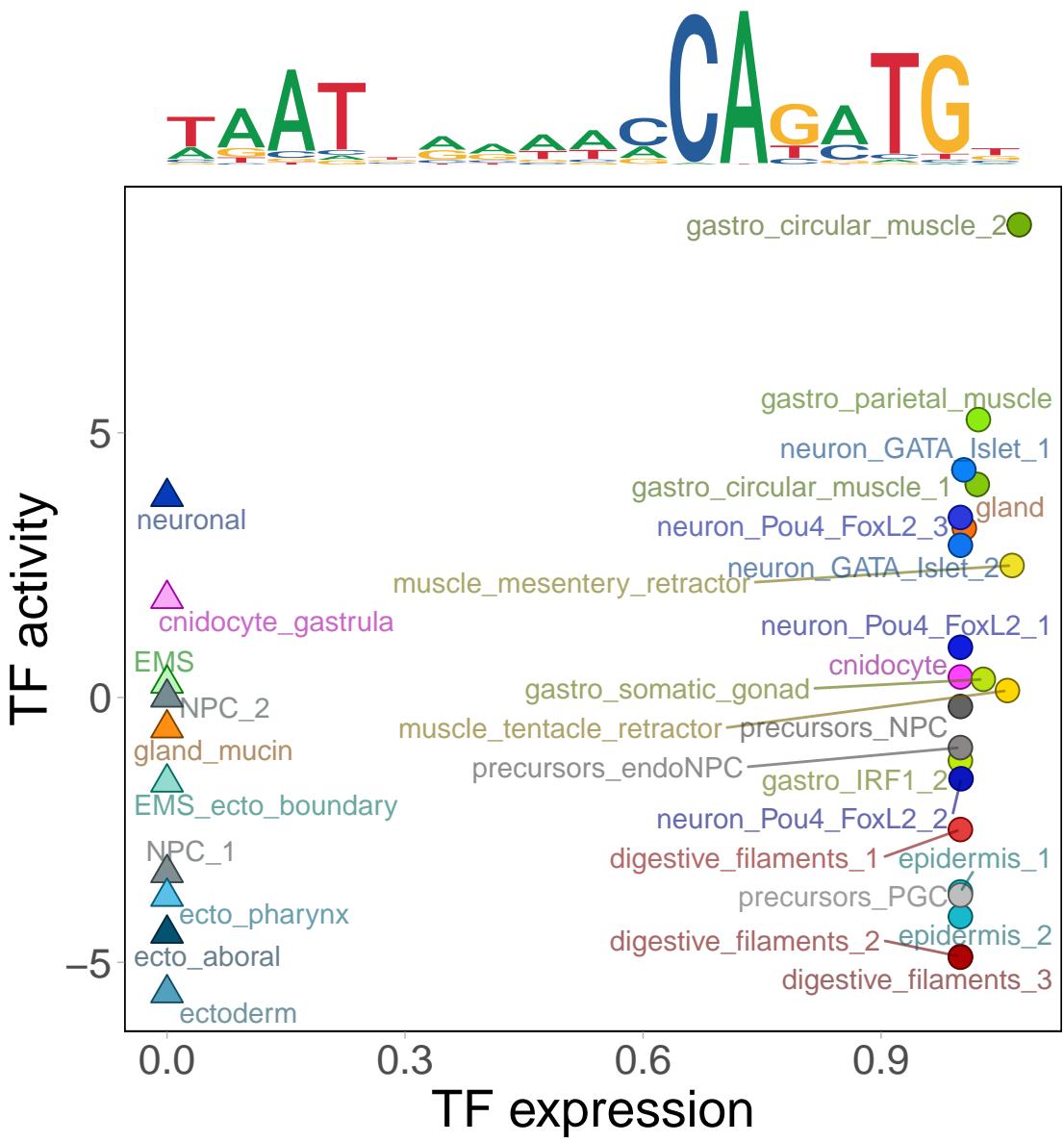
Nvec_vc1.1_XM_032384228.2
OG: HMGbox_Sox.HG1.26:like:SOX8/S
PFAM: HMG_box
motif: ARCH149_/Sox4/Sox11_Sox13/S
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 79
gene expression correlation: 0.2419
gene score correlation: 0.3793



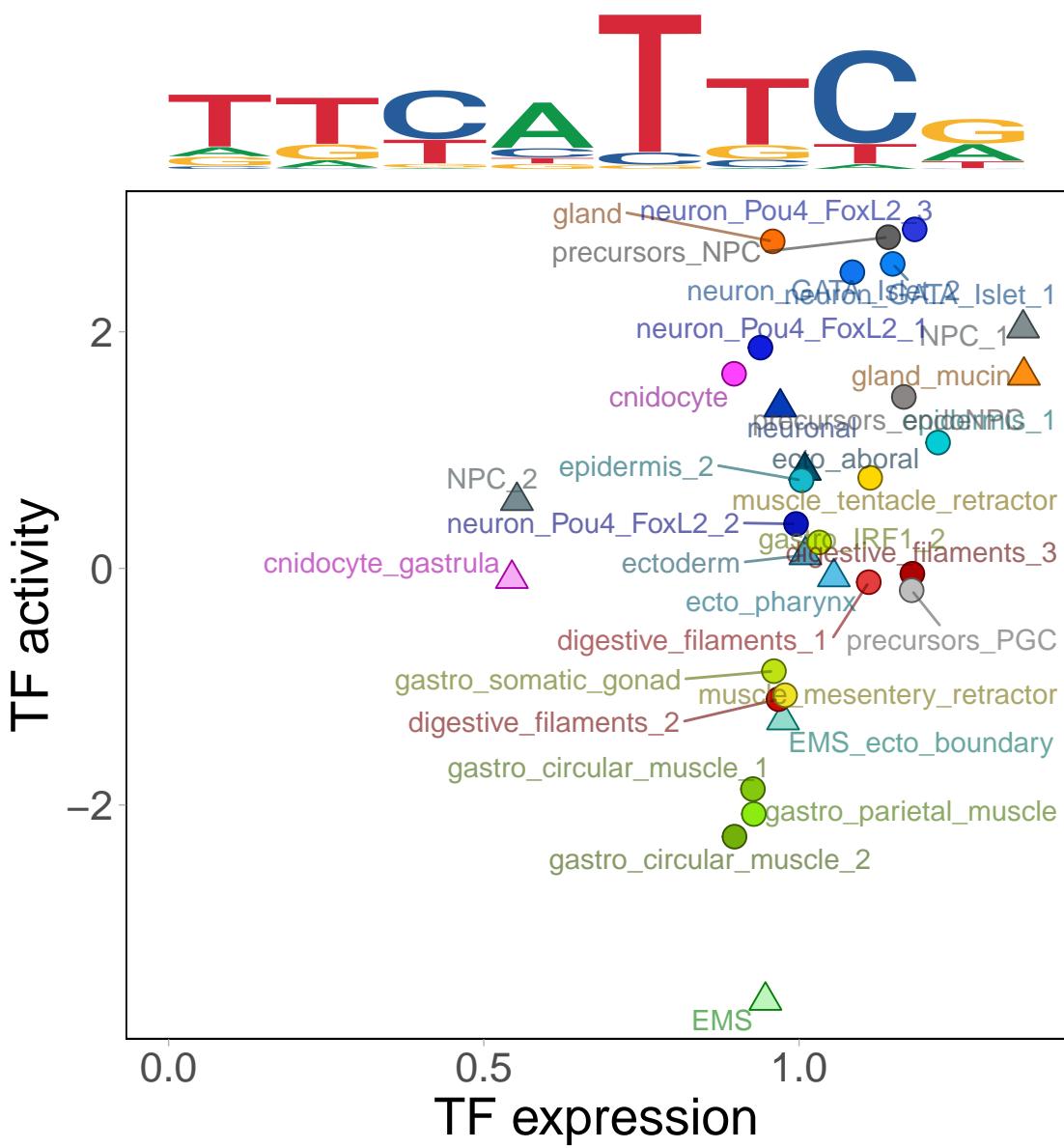
Nvec_vc1.1_XM_032384300.2
OG: bZIP.HG3.0:MAFF/MAFG/MAFK
PFAM: bZIP_Maf
motif: ARCH1281_Cic_Hbp1_Sox13/SO
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 485
gene expression correlation: -0.3157
gene score correlation: 0.1953



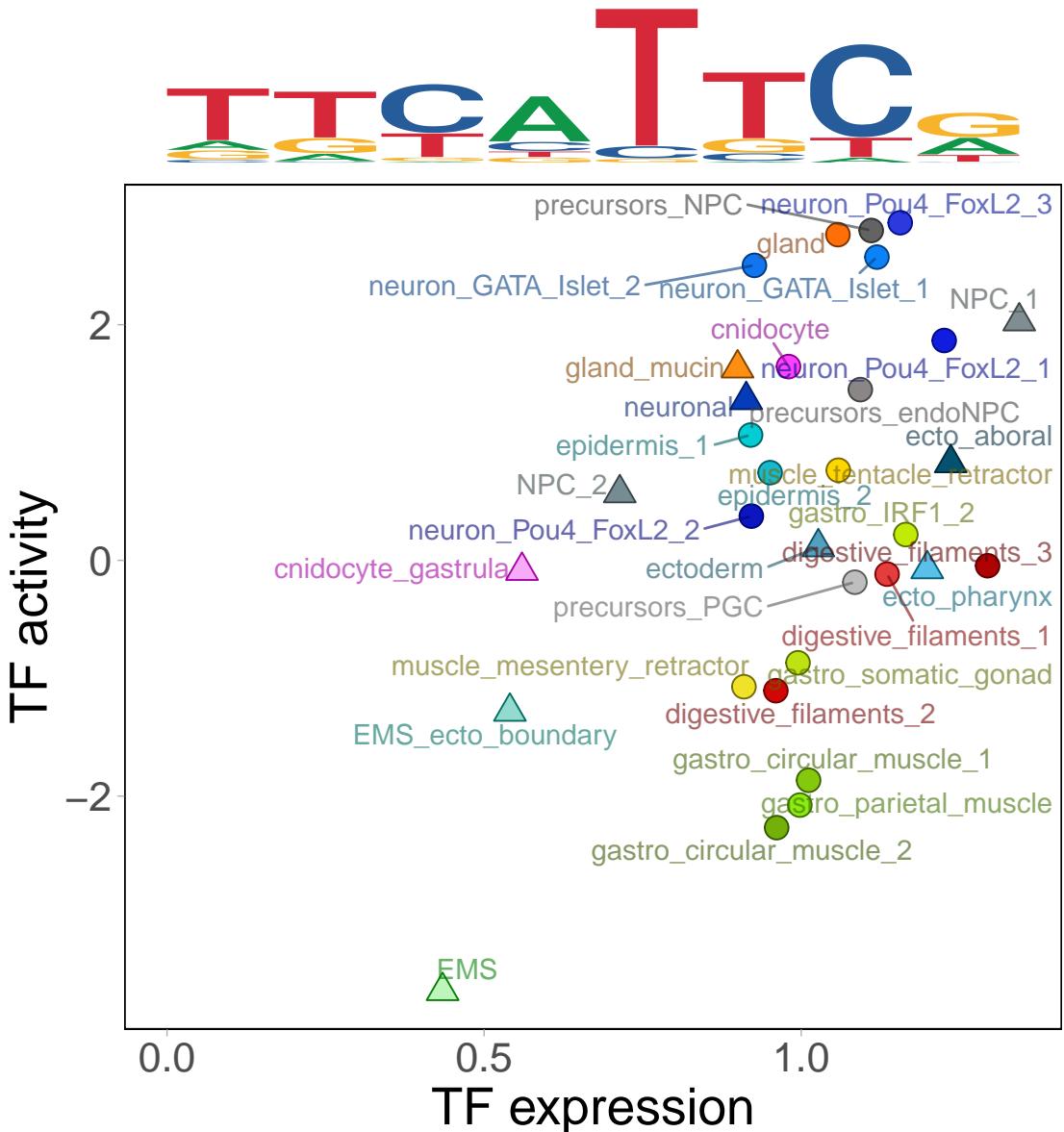
Nvec_vc1.1_XM_032384433.2
OG: HLH.HG1.86:TWIST1/TWIST2
PFAM: HLH
motif: M08766_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2515
gene score correlation: 0.6299



Nvec_vc1.1_XM_032384447.2
OG: zf-C2H2.HG2.14:SP1/SP2/SP3/SP4
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1204_ARR1_ZNF24
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3629
gene score correlation: 0.5963



Nvec_vc1.1_XM_032384450.2
OG: zf-C2H2.HG2.14:SP1/SP2/SP3/SP4
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1204_ARR1_ZNF24
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 43
gene expression correlation: 0.4624
gene score correlation: 0.5005



Nvec_vc1.1_XM_032384474.2

OG: HLH.HG1.85:SCX/TCF15

PFAM: HLH

motif: M06000_2.00

TF family: HLH

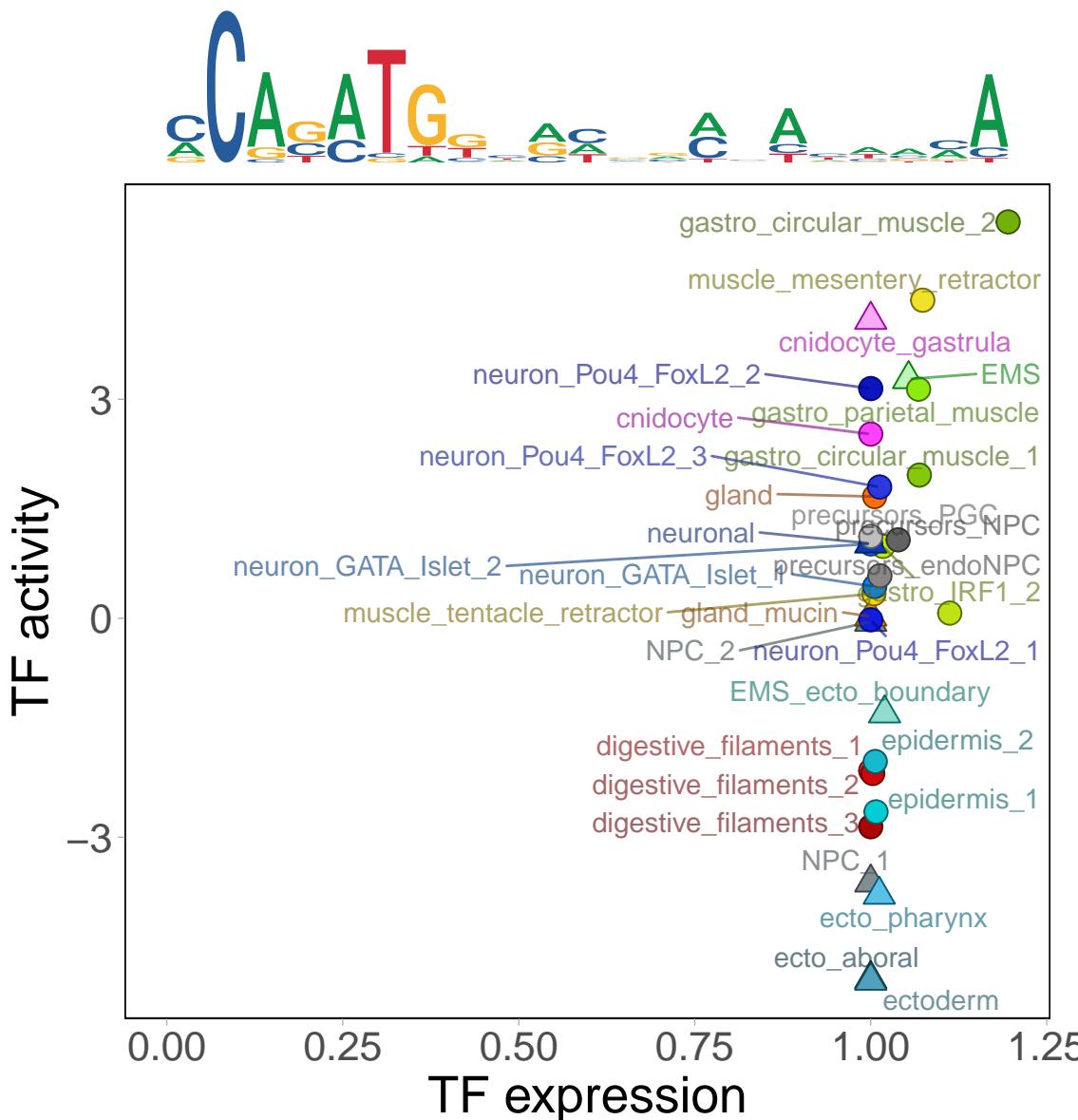
archetype family: HLH

CisBP assigned: FALSE

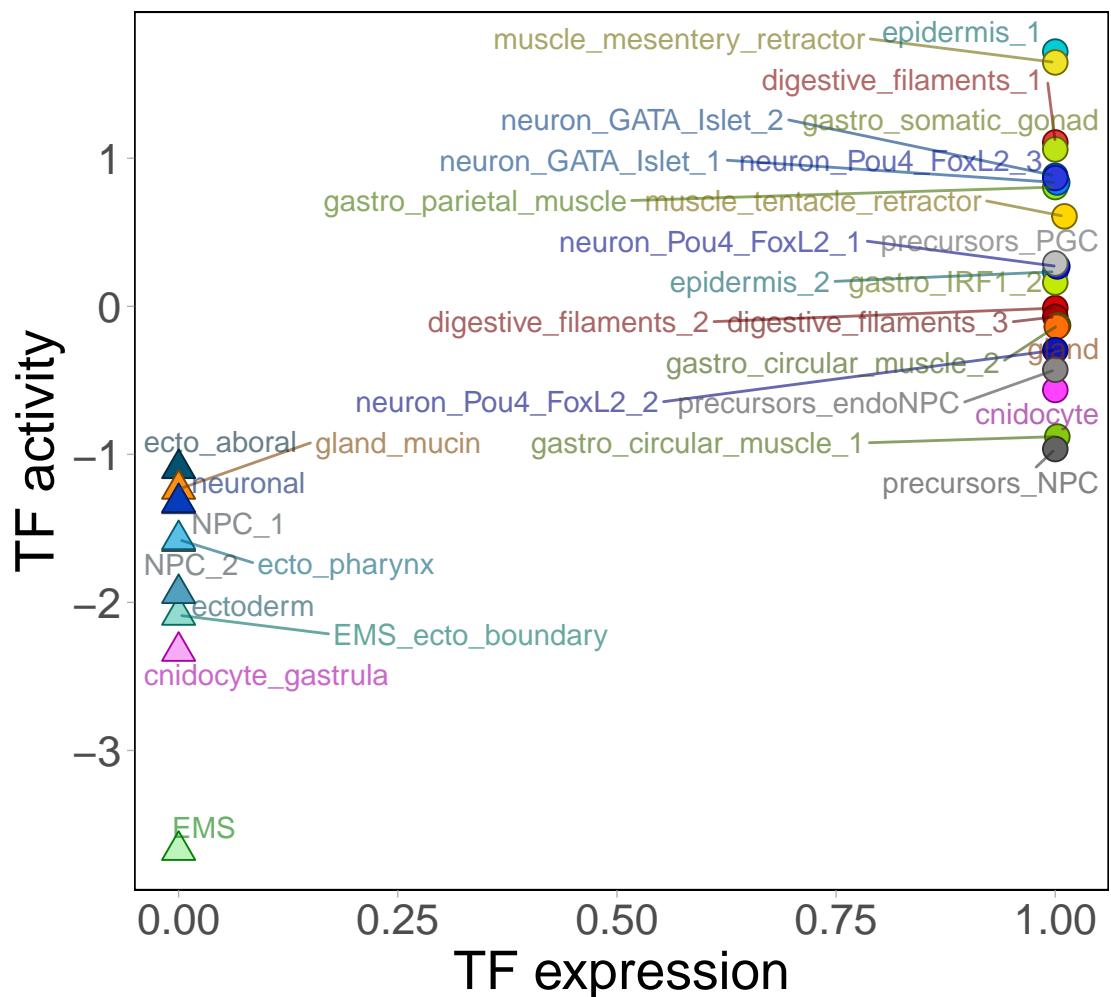
rank: 0

gene expression correlation: 0.4952

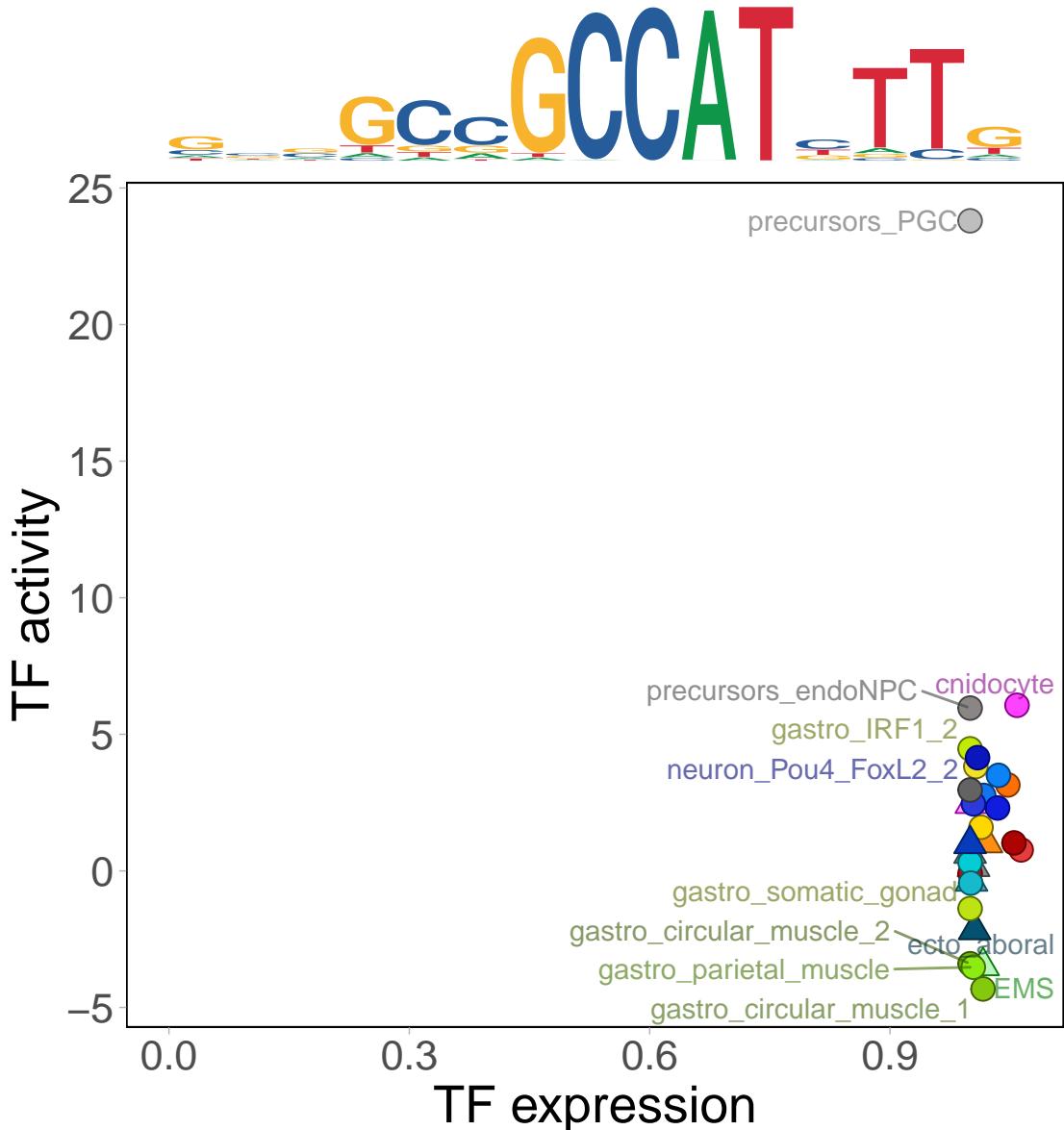
gene score correlation: 0.3800



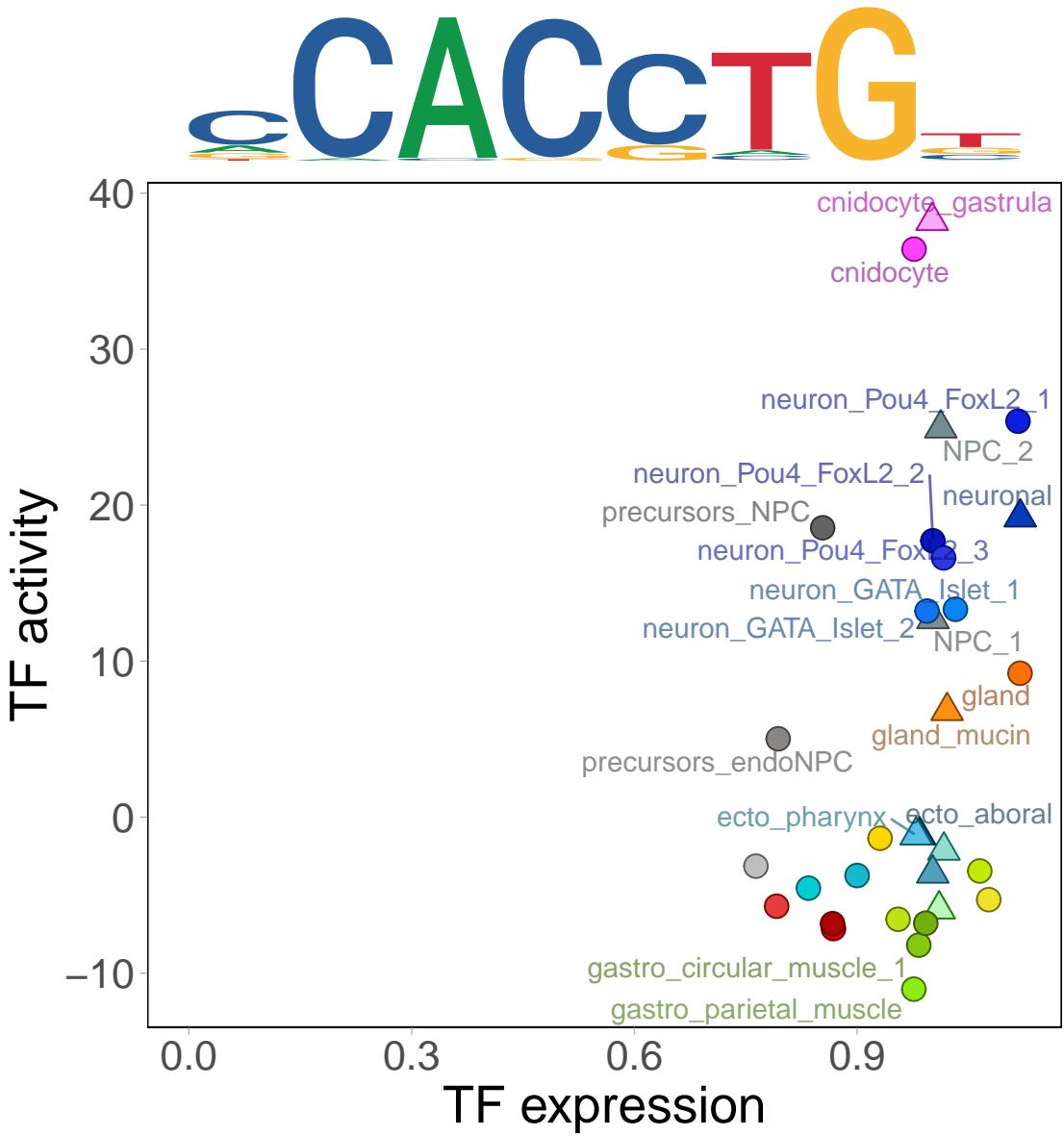
Nvec_vc1.1_XM_032384492.2
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 488
gene expression correlation: 0.8065
gene score correlation: 0.1955



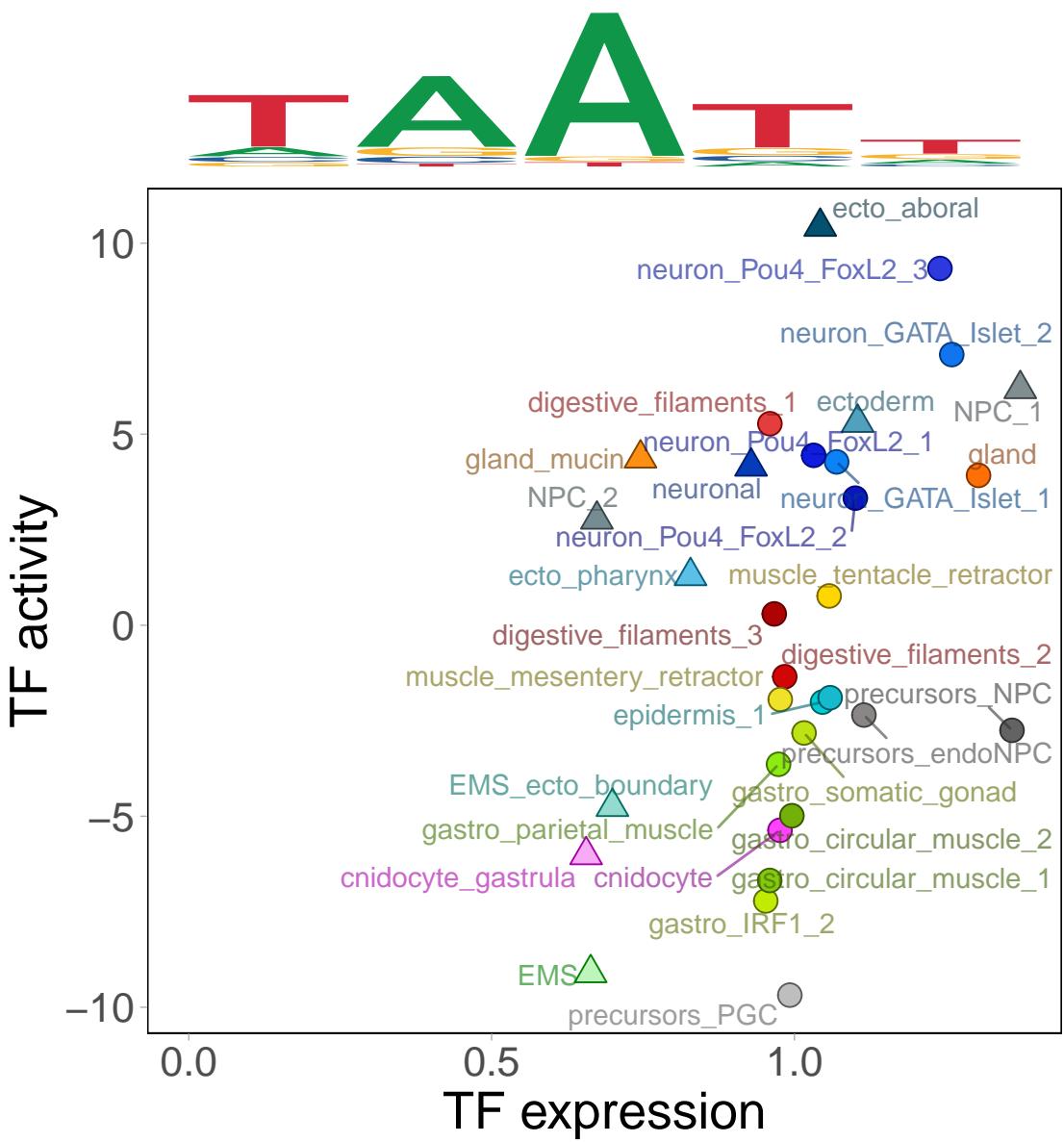
Nvec_vc1.1_XM_032384768.2
OG: zf-C2H2.HG3.0:like:AC002310.4/B
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH419_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.0249
gene score correlation: 0.8139



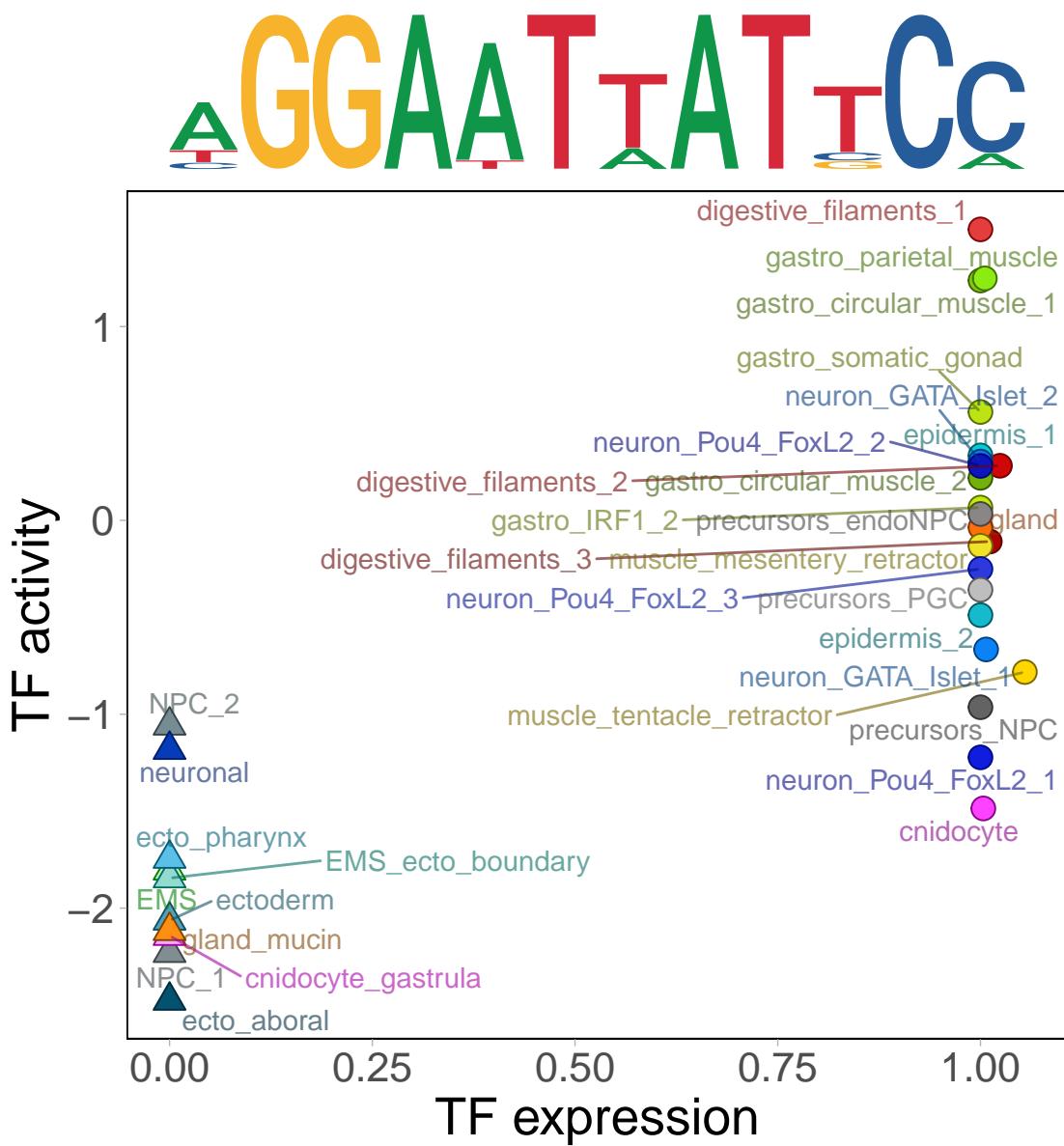
Nvec_vc1.1_XM_032384912.2
OG: zf-C2H2.HG1.78:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH480_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 441
gene expression correlation: 0.3307
gene score correlation: -0.2088



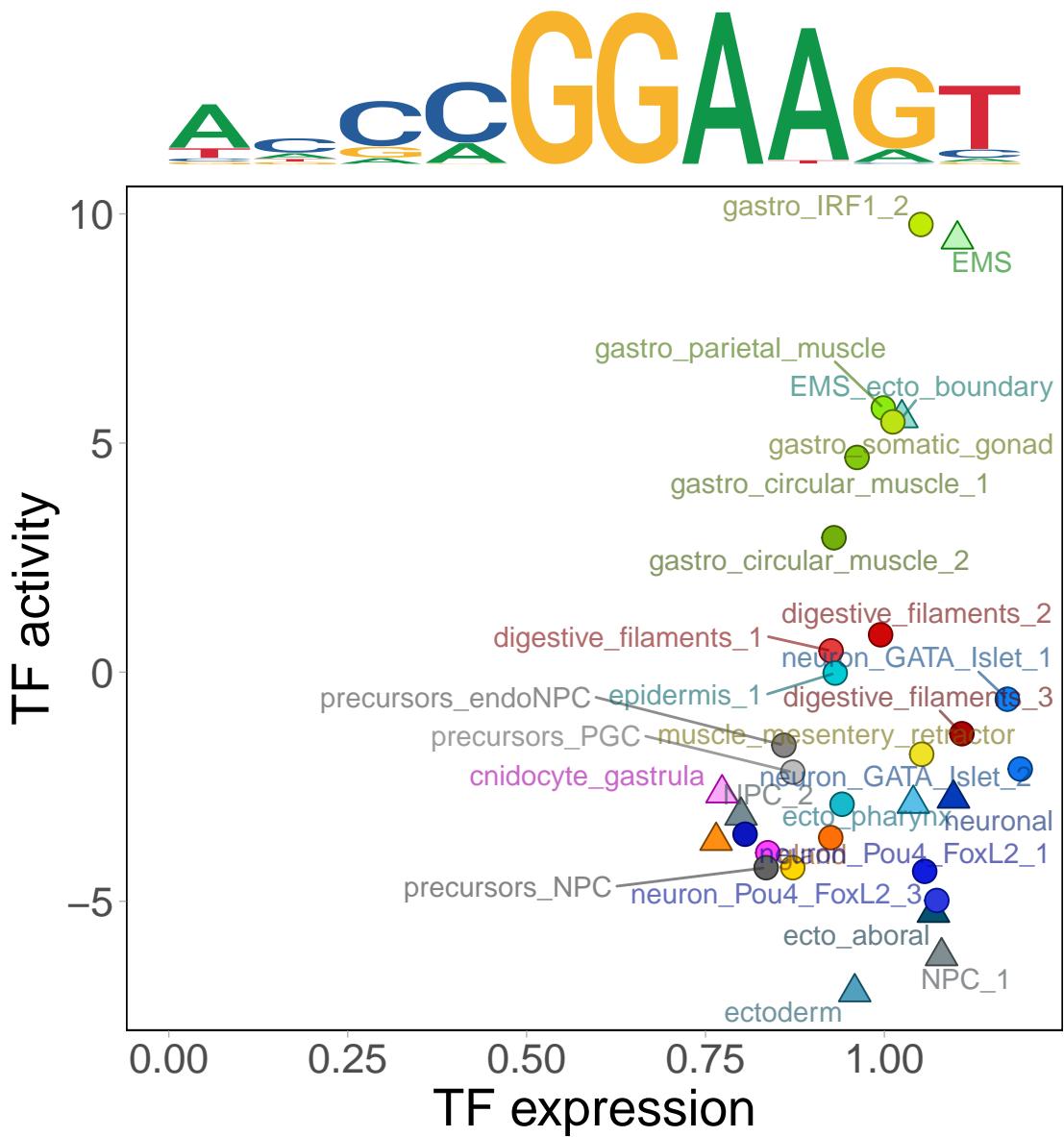
Nvec_vc1.1_XM_032384949.2
OG: Homeodomains.HG2.8:LHX2/LHX9
PFAM: LIM/LIM/Homeodomain
motif: ARCH219_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 13
gene expression correlation: 0.4121
gene score correlation: 0.5154



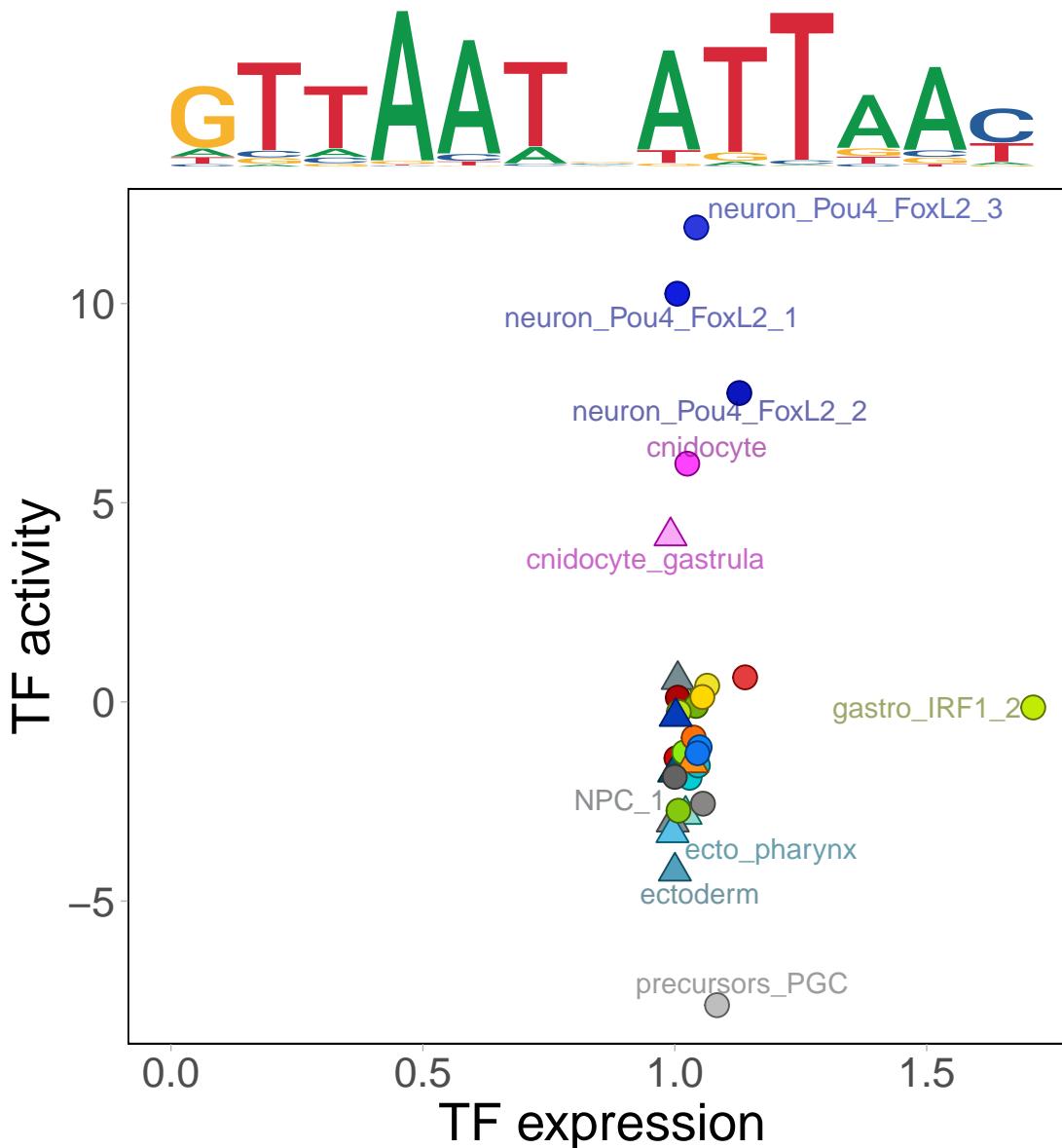
Nvec_vc1.1_XM_032385045.2
OG: Homeodomains.HG1.21:BARX1/B
PFAM: Homeodomain
motif: ARCH1055_MF0010.1_Homeob
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 601
gene expression correlation: 0.7885
gene score correlation: 0.6232



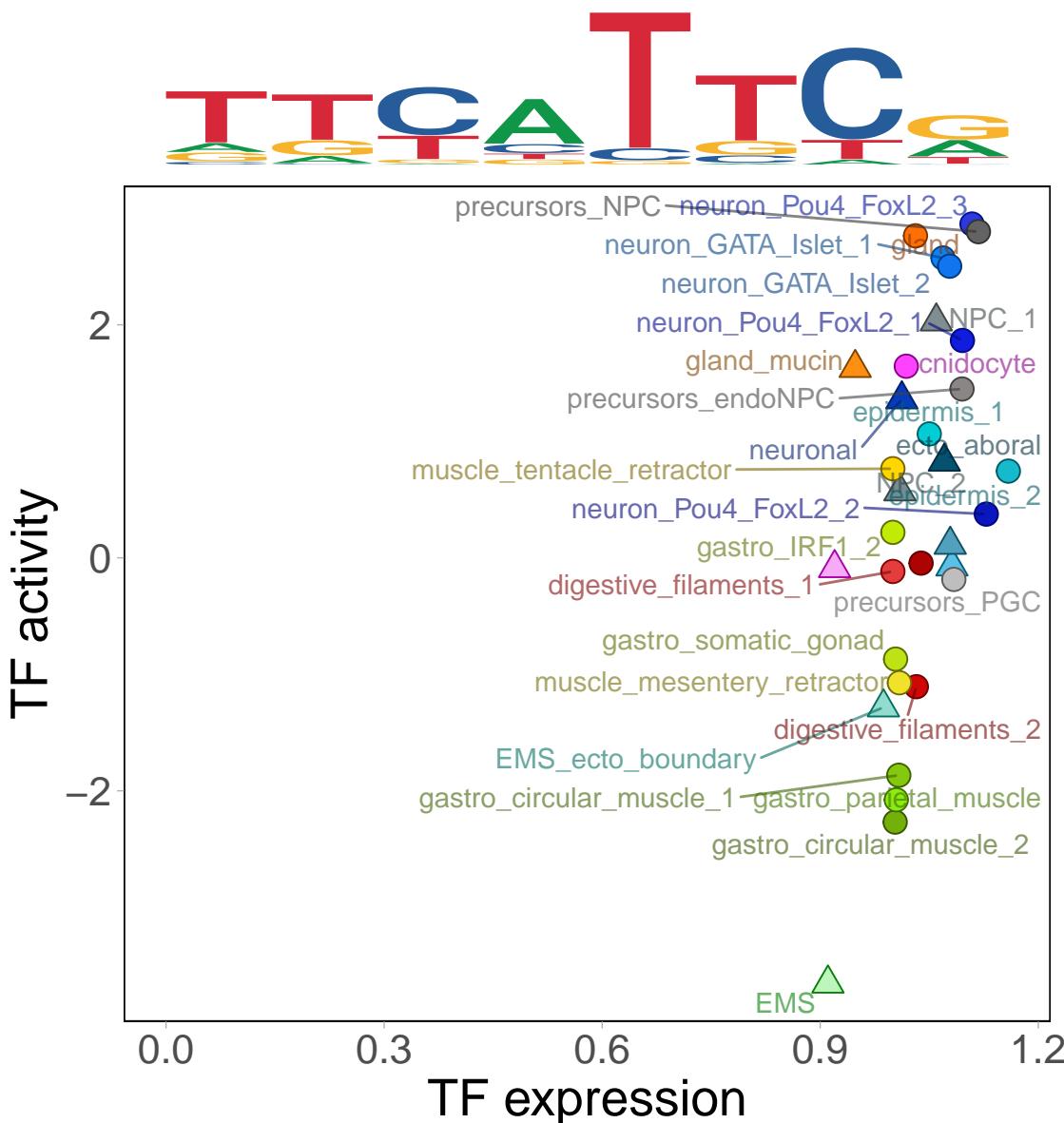
Nvec_vc1.1_XM_032385089.2
OG: Ets.HG1.7:GABPA
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 47
gene expression correlation: 0.2365
gene score correlation: 0.5574



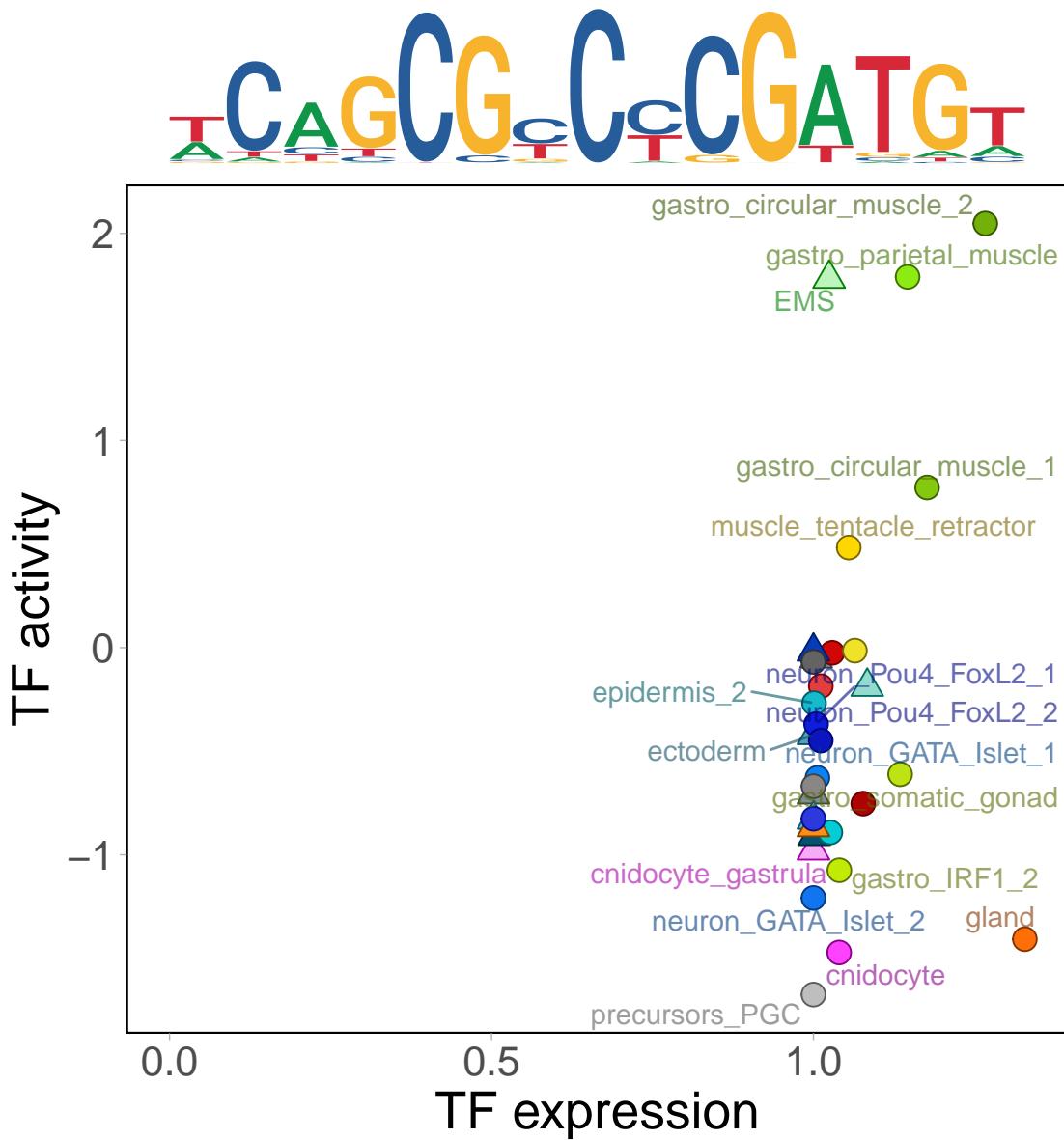
Nvec_vc1.1_XM_032385169.2
OG: Homeodomains.HG1.71:like:NOTO
PFAM: Homeodomain
motif: ARCH103_Hnf1a/Hnf1b
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 34
gene expression correlation: 0.0314
gene score correlation: 0.1919



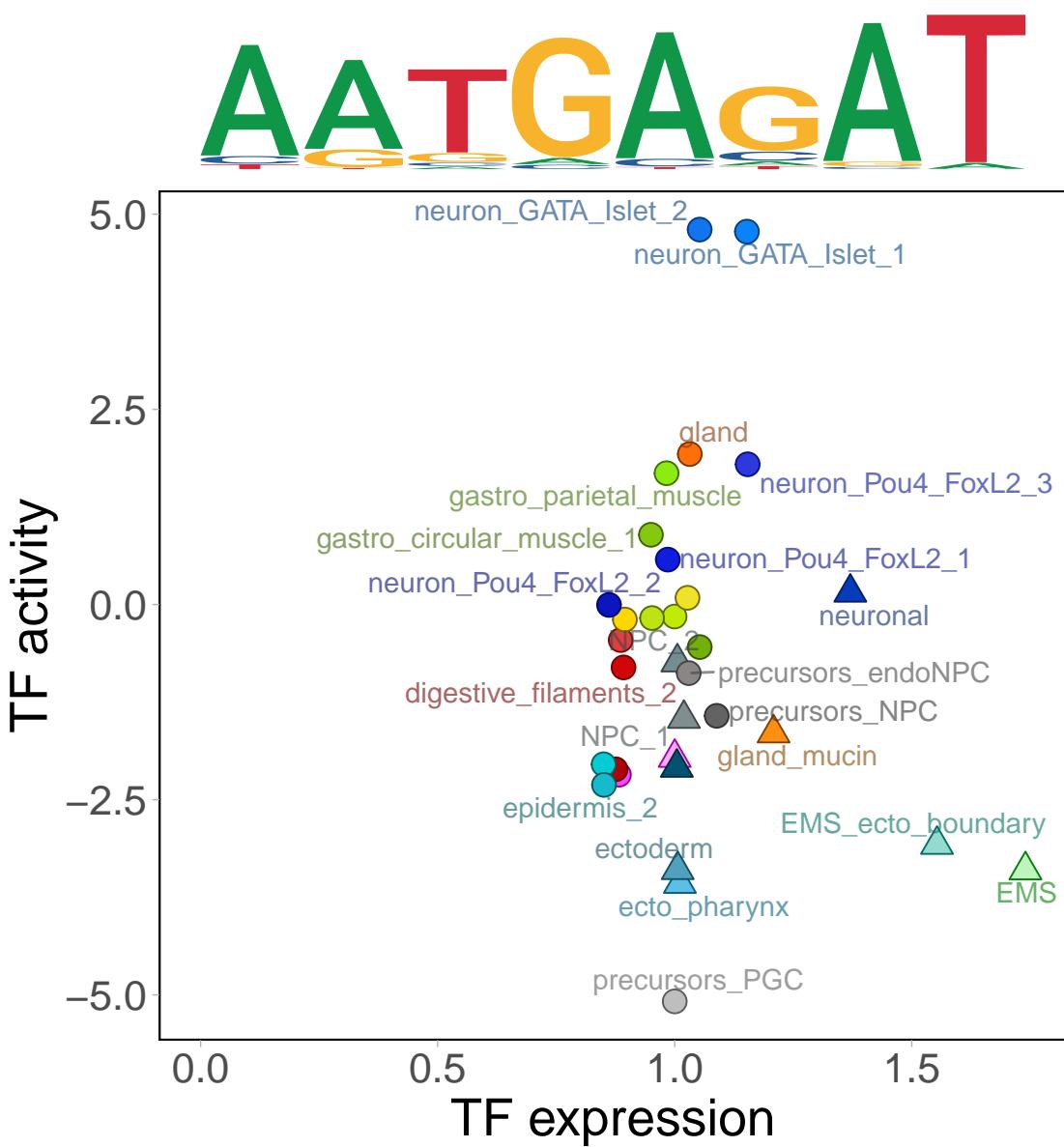
Nvec_vc1.1_XM_032385373.2
OG: zf-C2H2.HG13.5:GLI4/ZFP90/ZNF
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1204_ARR1_ZNF24
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1050
gene expression correlation: 0.5247
gene score correlation: 0.2207



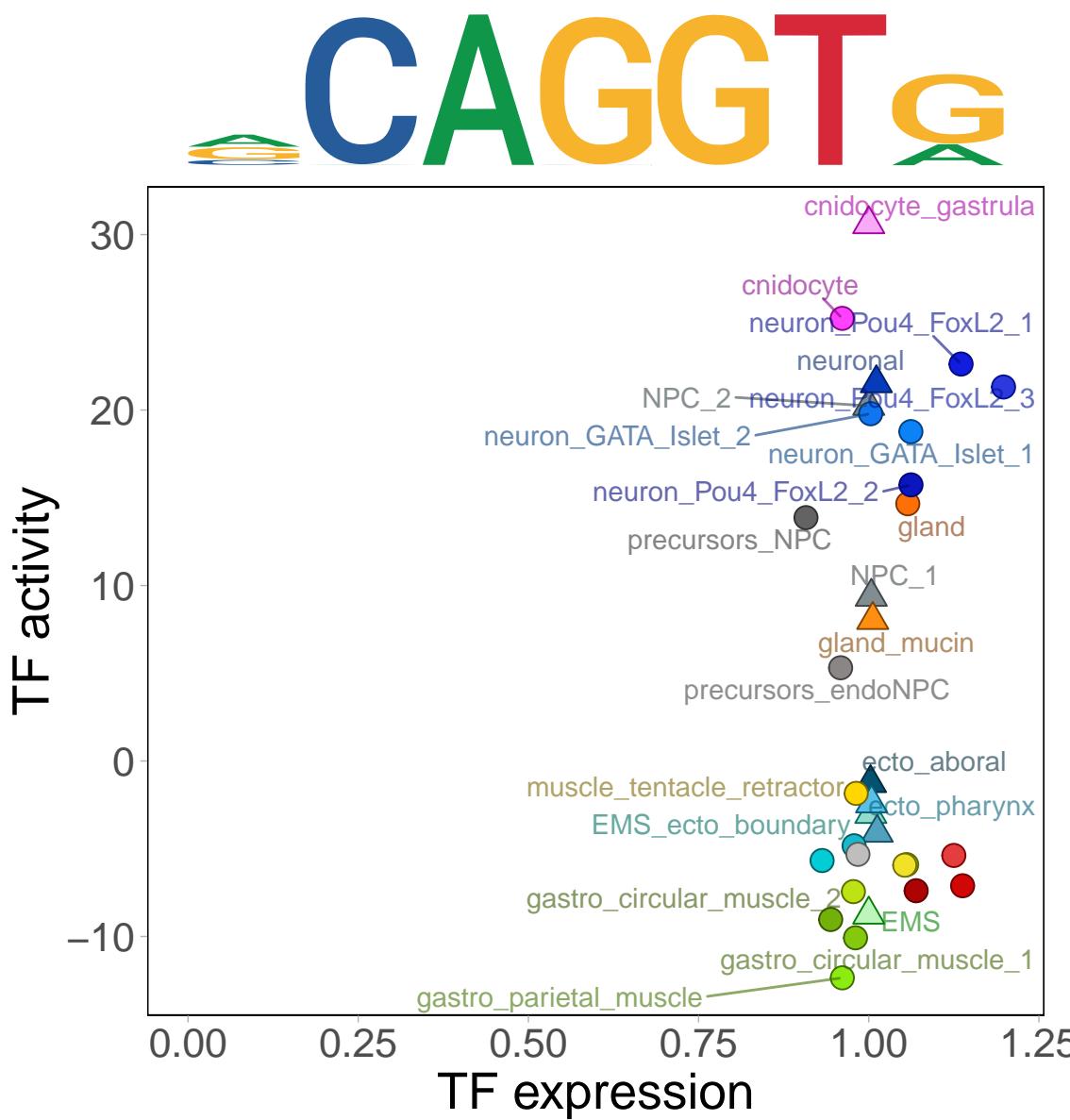
Nvec_vc1.1_XM_032385411.2
OG: HMGbox_Sox.HG1.17:PINX1/SOX
PFAM: HMG_box
motif: ARCH924_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 314
gene expression correlation: 0.3407
gene score correlation: 0.6586



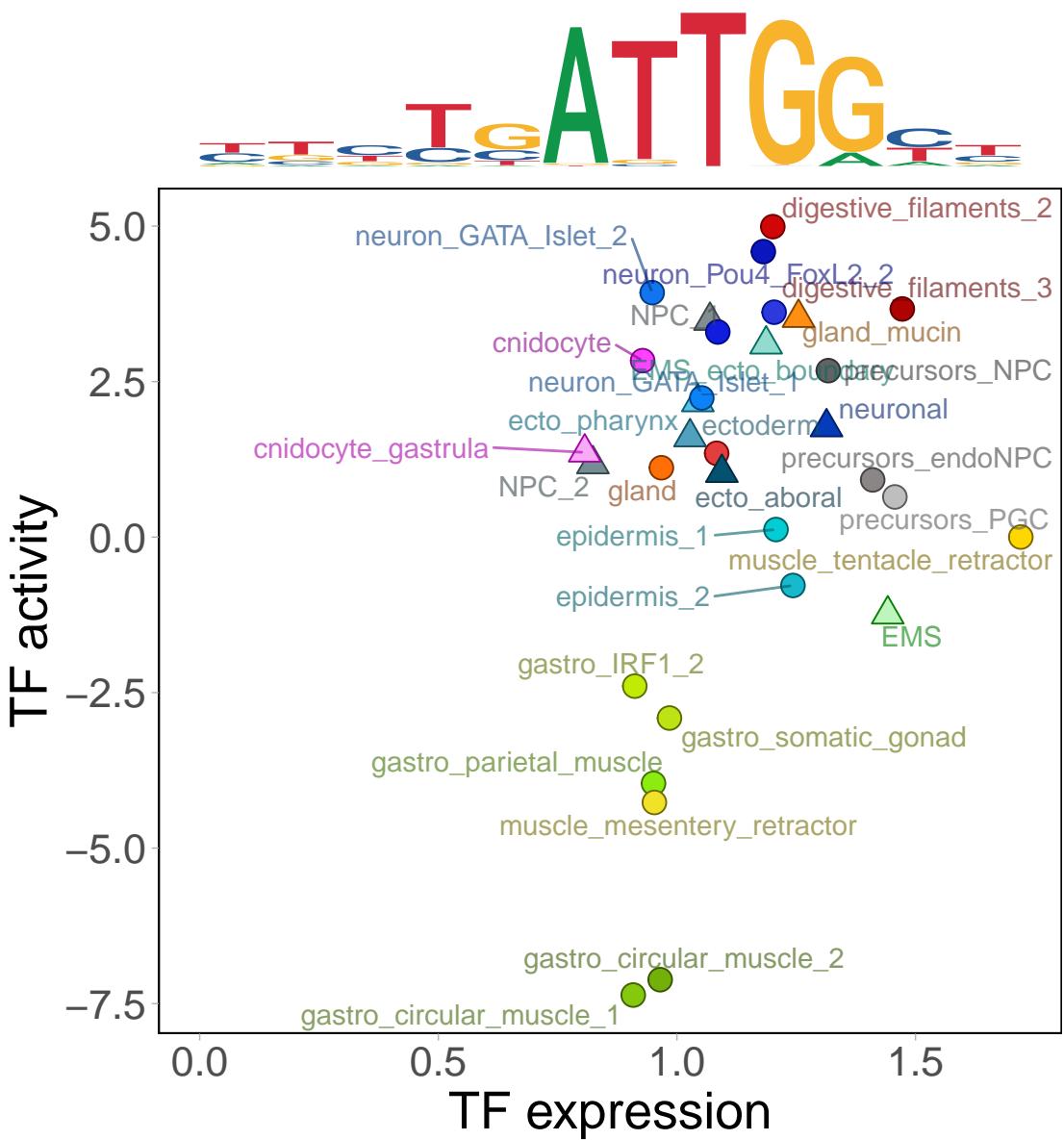
Nvec_vc1.1_XM_032385556.2
OG: Homeodomains.HG4.9:like:POU3F
PFAM: Pou/Homeodomain
motif: ARCH950_POU6F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 63
gene expression correlation: -0.0930
gene score correlation: 0.5684



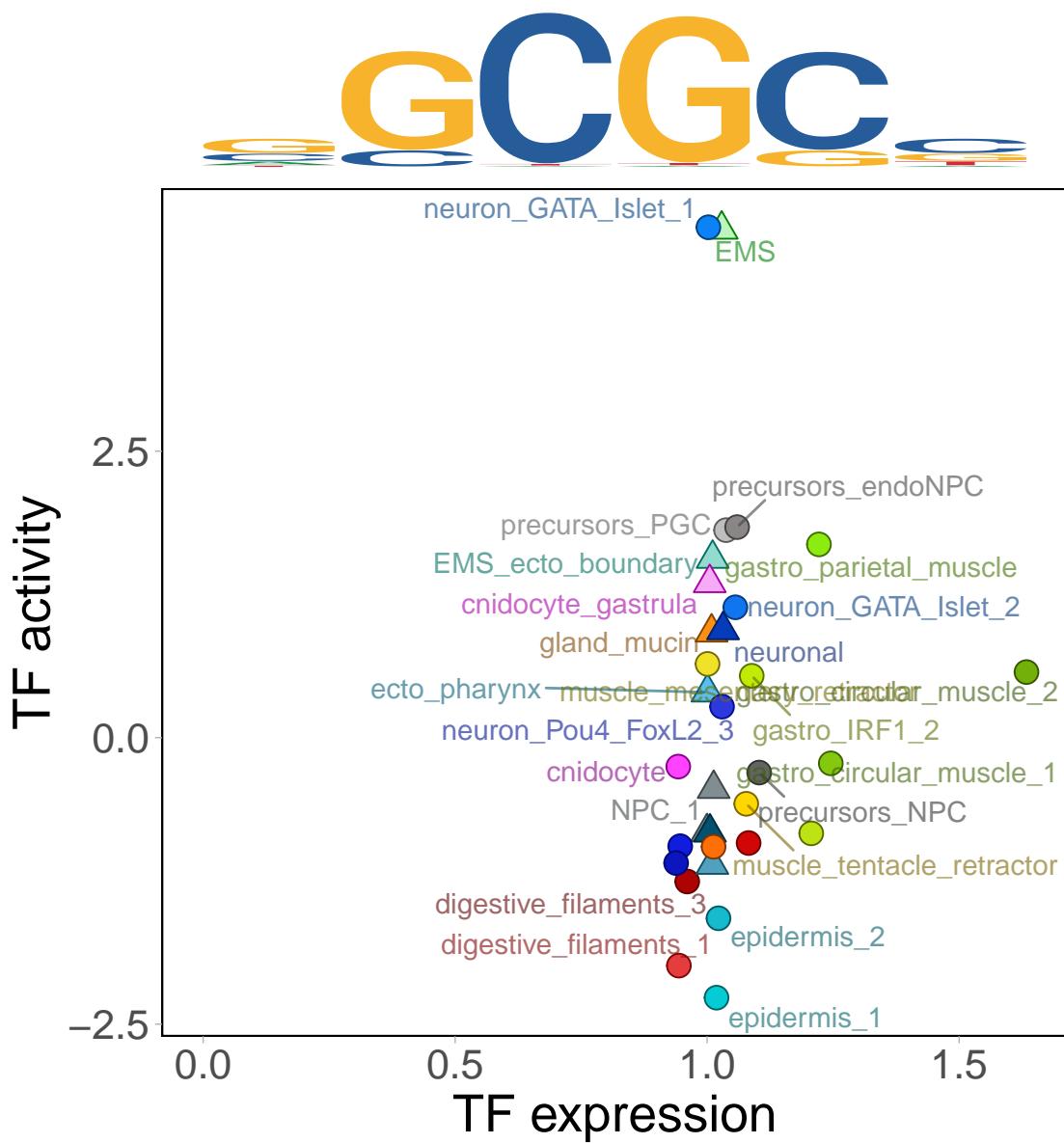
Nvec_vc1.1_XM_032385569.2
OG: HLH.HG1.0:AC019117.4/AHR/AHR
PFAM: HLH/PAS/PAS_11
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 285
gene expression correlation: 0.1858
gene score correlation: 0.0664



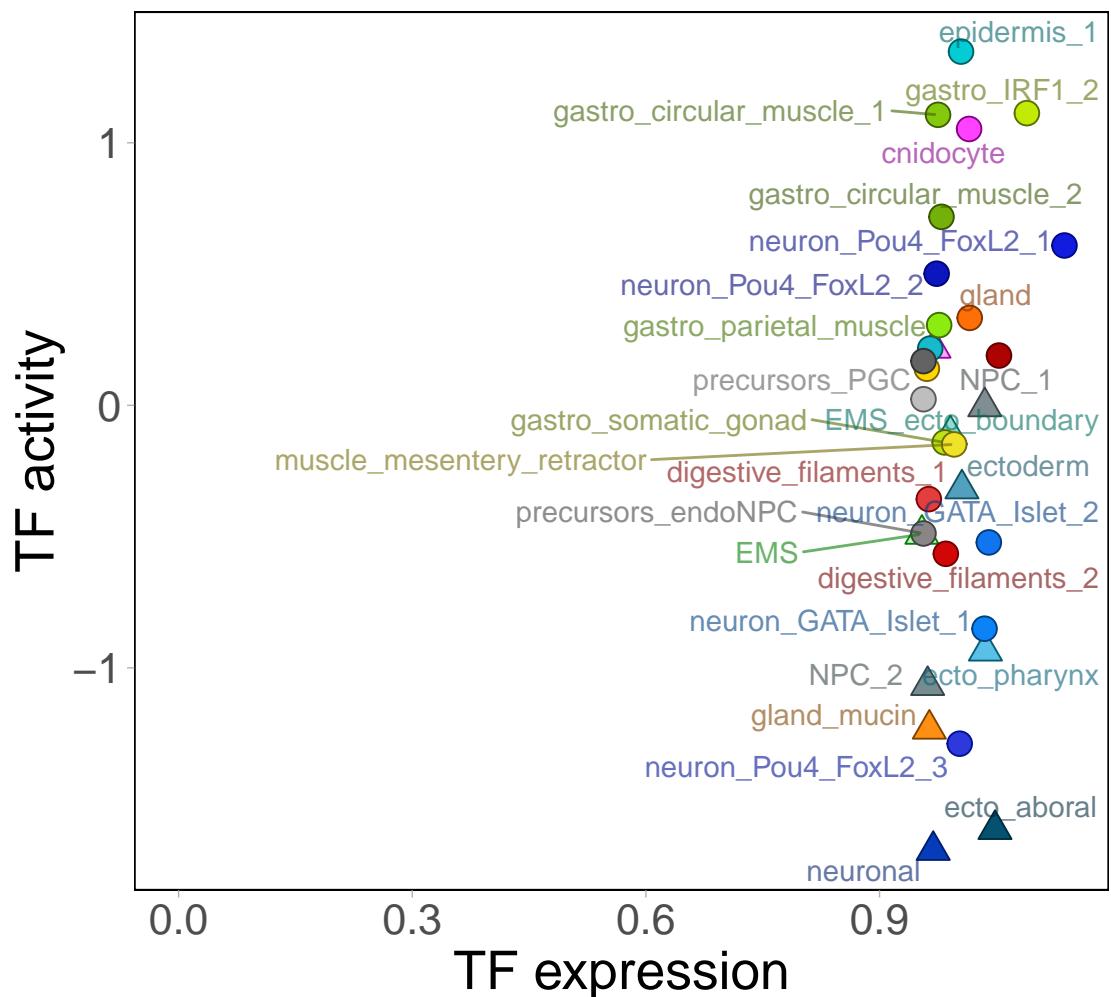
Nvec_vc1.1_XM_032385577.2
OG: Homeodomains.HG3.2:CERS2/CE
PFAM: Homeodomain/TRAM_LAG1_CL
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 193
gene expression correlation: 0.2633
gene score correlation: 0.1500



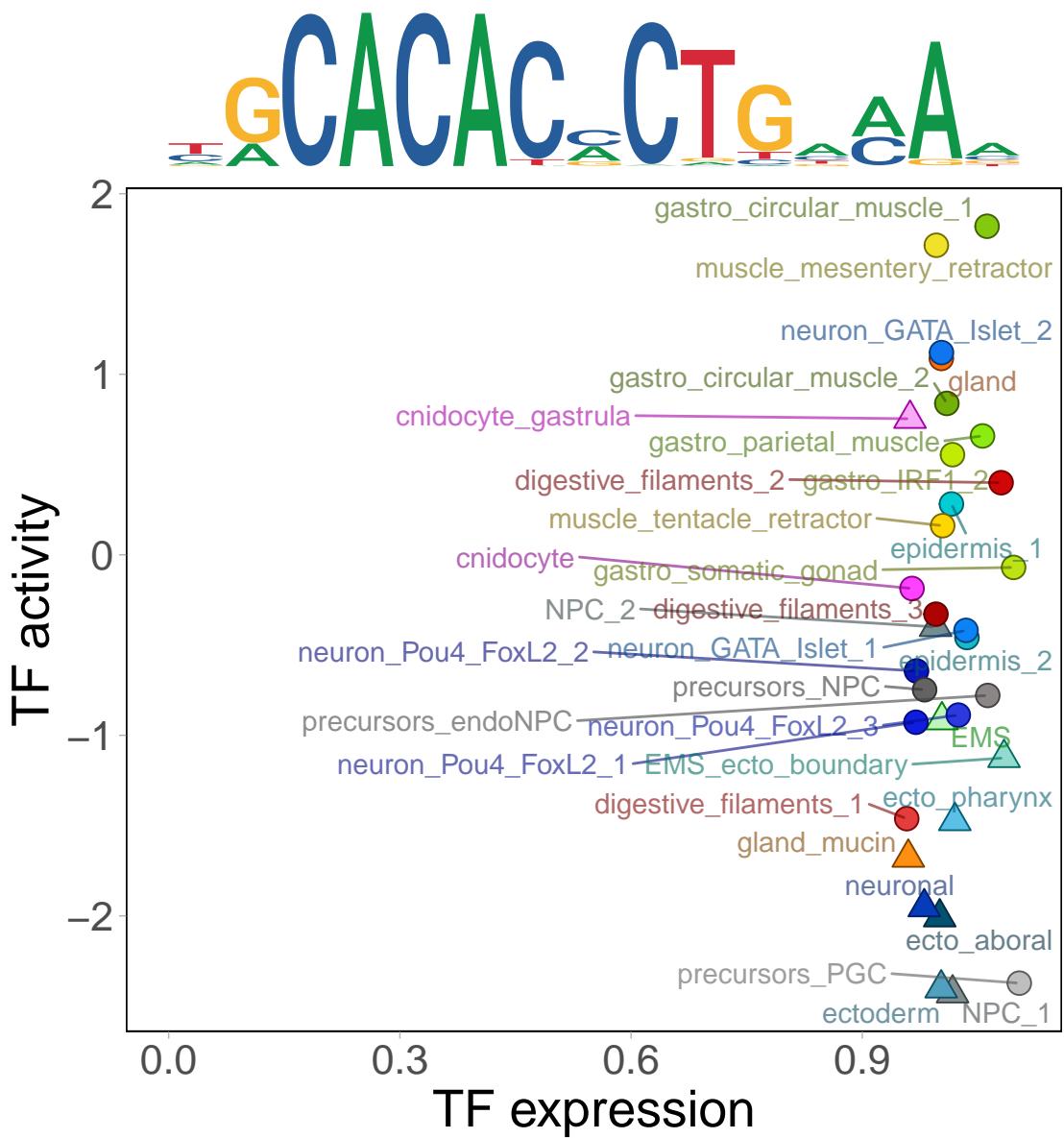
Nvec_vc1.1_XM_032385715.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP/E2F_CC-MB
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 81
gene expression correlation: 0.1110
gene score correlation: 0.1195



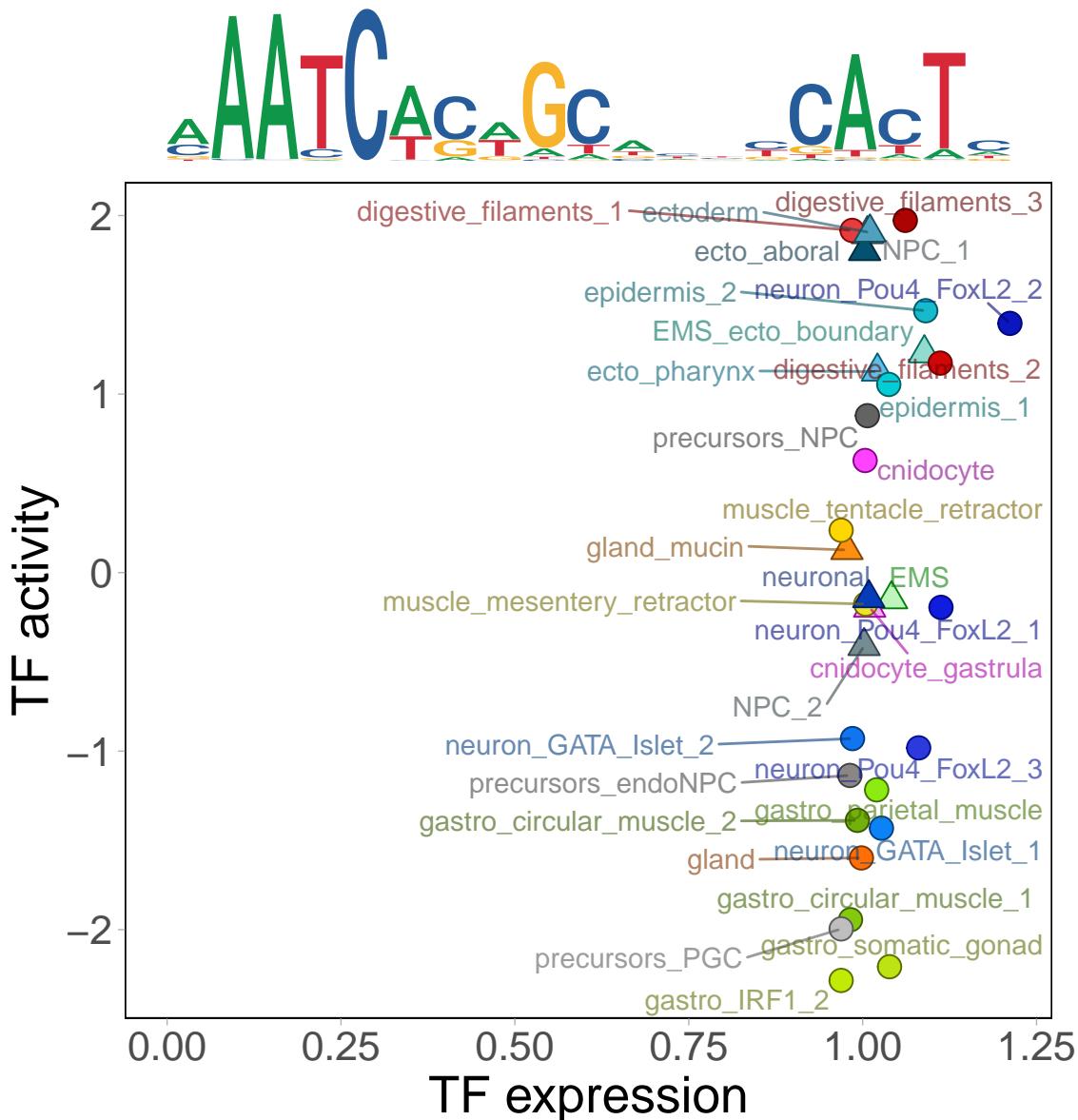
Nvec_vc1.1_XM_032385746.2
OG: Myb.HG1.2:DMTF1/TTF1
PFAM: Myb_DNA-binding/Myb_DNA-b
motif: ARCH1379_MYB17
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 20
gene expression correlation: 0.1558
gene score correlation: 0.0487



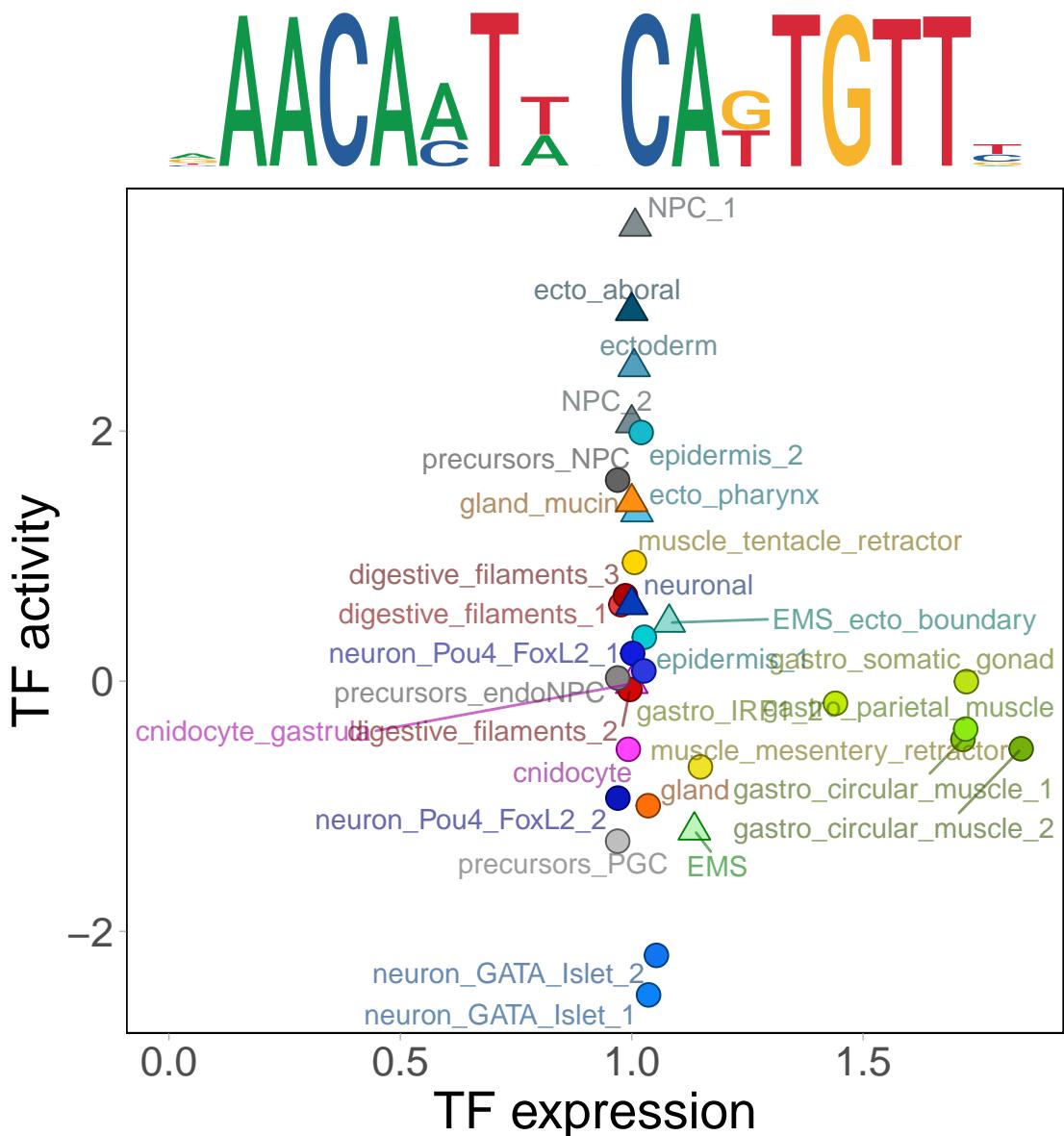
Nvec_vc1.1_XM_032385905.2
OG: zf-C2H2.HG1.3:ZBTB3
PFAM: zf-C2H2
motif: ARCH1368_M04483_2.00__M04
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1727
gene expression correlation: 0.0625
gene score correlation: -0.2644



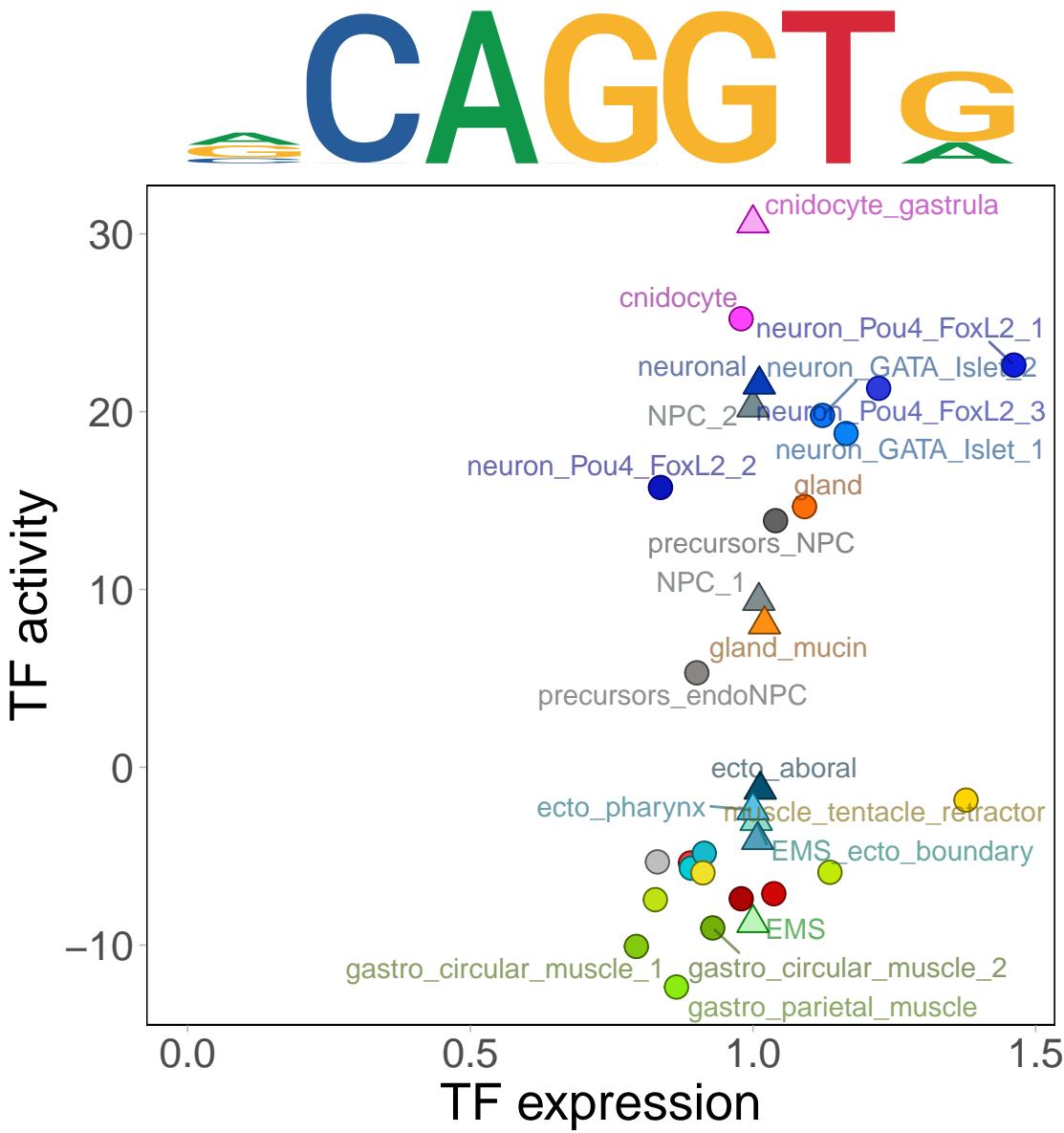
Nvec_vc1.1_XM_032385963.2
OG: zf-C2H2.HG8.0:ZNF576/ZNF683/Z
PFAM: zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 715
gene expression correlation: 0.3575
gene score correlation: -0.0419



Nvec_vc1.1_XM_032386296.2
OG: HMGbox_Sox.HG1.18:like:SOX1/S
PFAM: HMG_box
motif: M03983_2.00
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 0
gene expression correlation: -0.2395
gene score correlation: 0.4817



Nvec_vc1.1_XM_032386356.2
OG: HLH.HG1.25:SREBF1/SREBF2
PFAM: HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 357
gene expression correlation: 0.4285
gene score correlation: 0.2649



Nvec_vc1.1_XM_032386464.2

OG: HLH.HG1.51:ID1/ID2/ID3/ID4

PFAM: HLH

motif: ARCH1373_bHLH130

TF family: HLH

archetype family: HLH

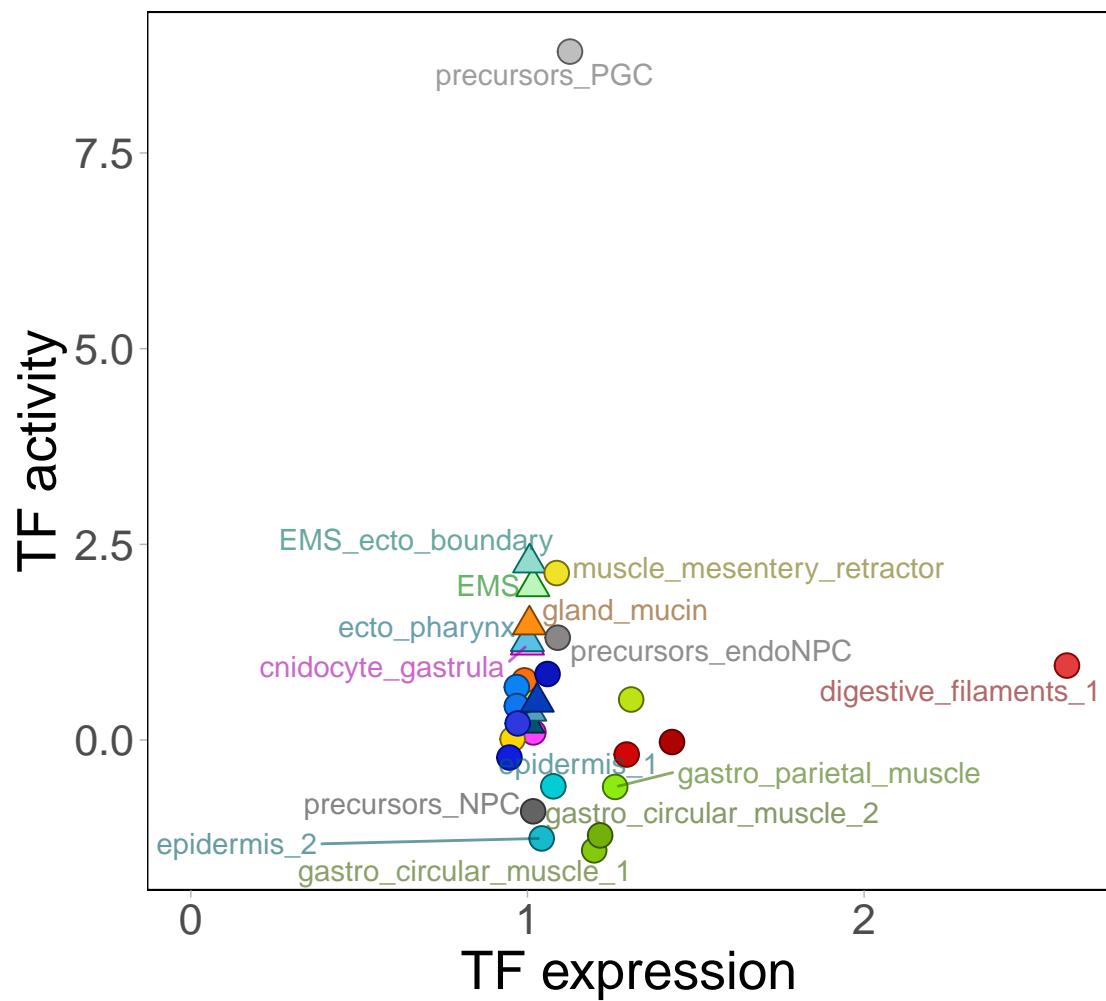
CisBP assigned: FALSE

rank: 257

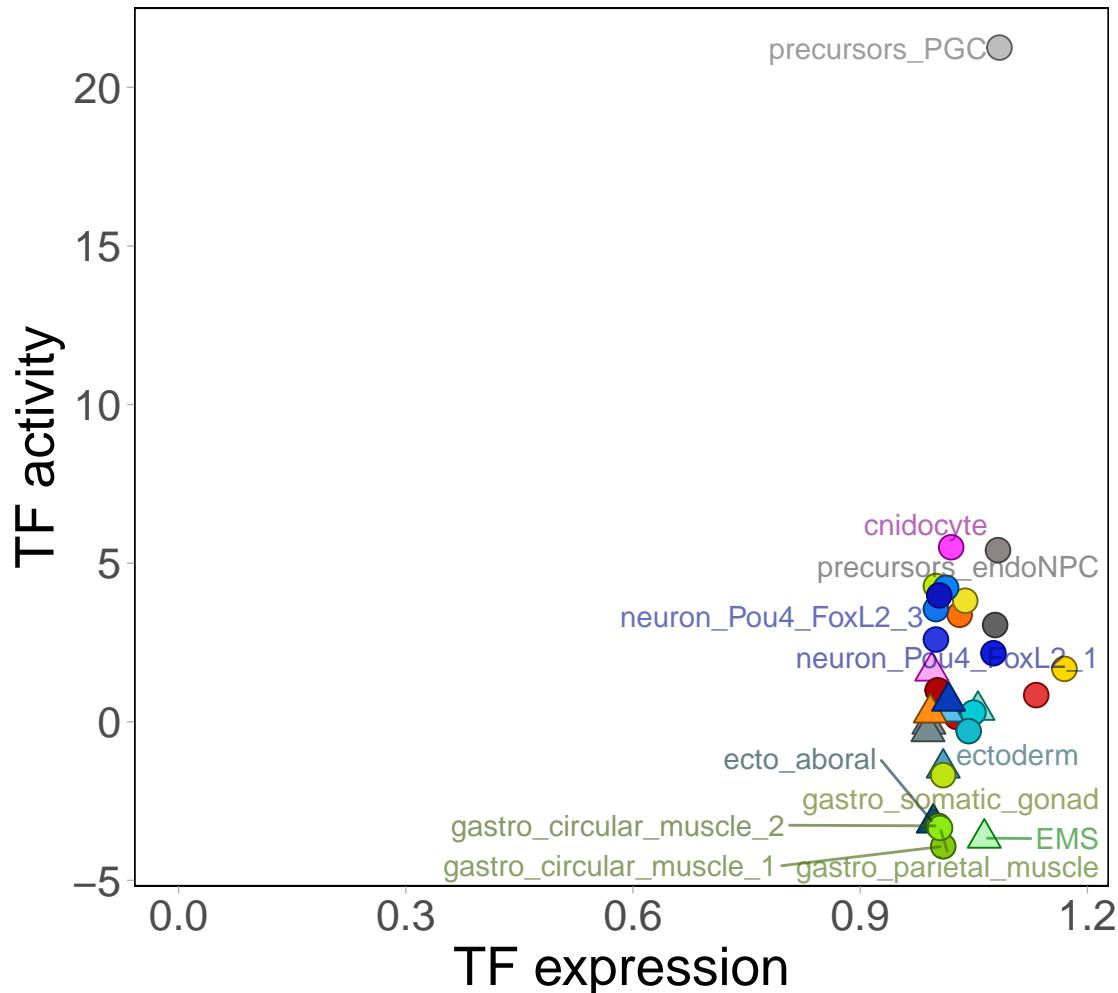
gene expression correlation: -0.0033

gene score correlation: -0.1313

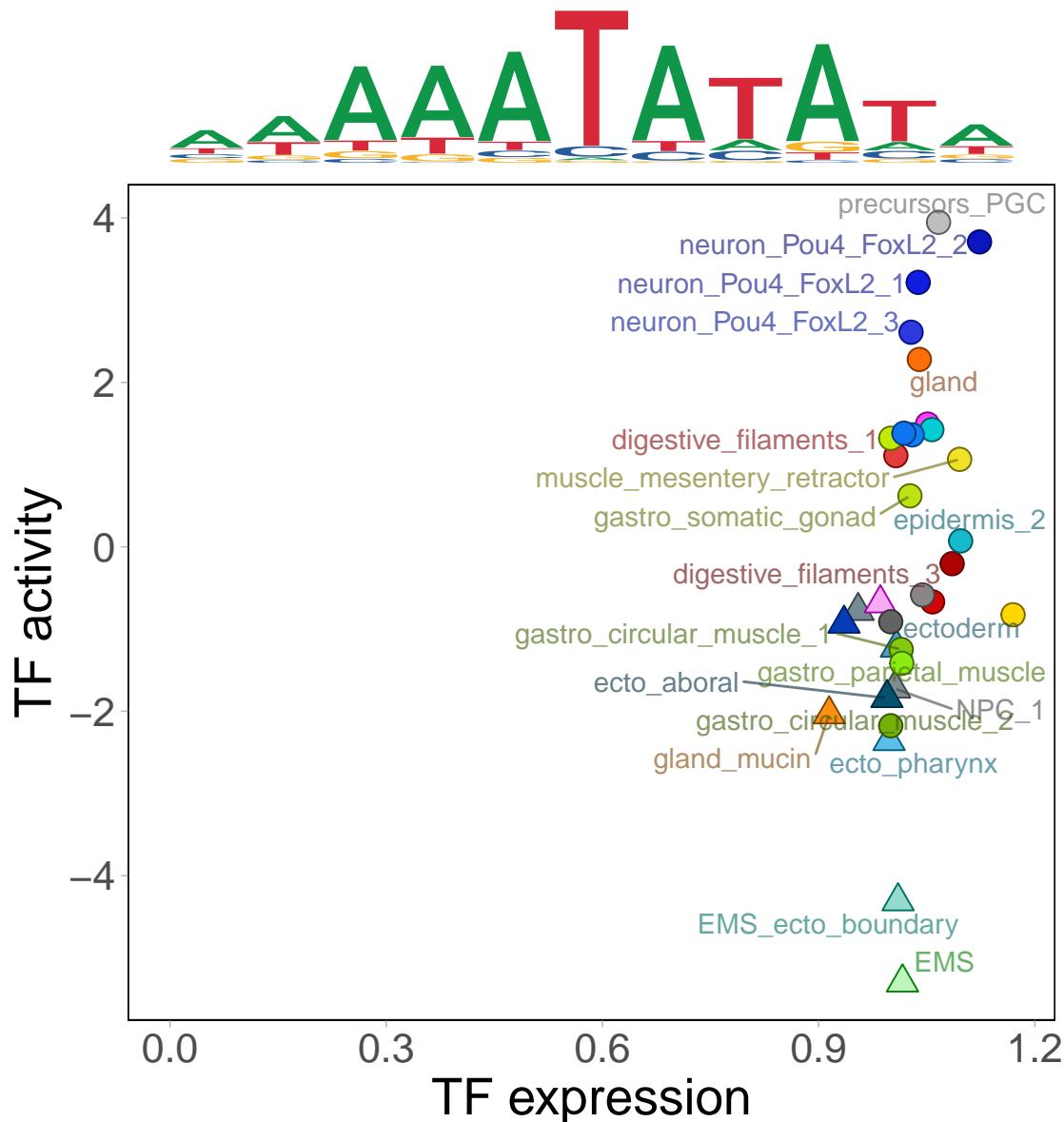
T G C G A C T T G G



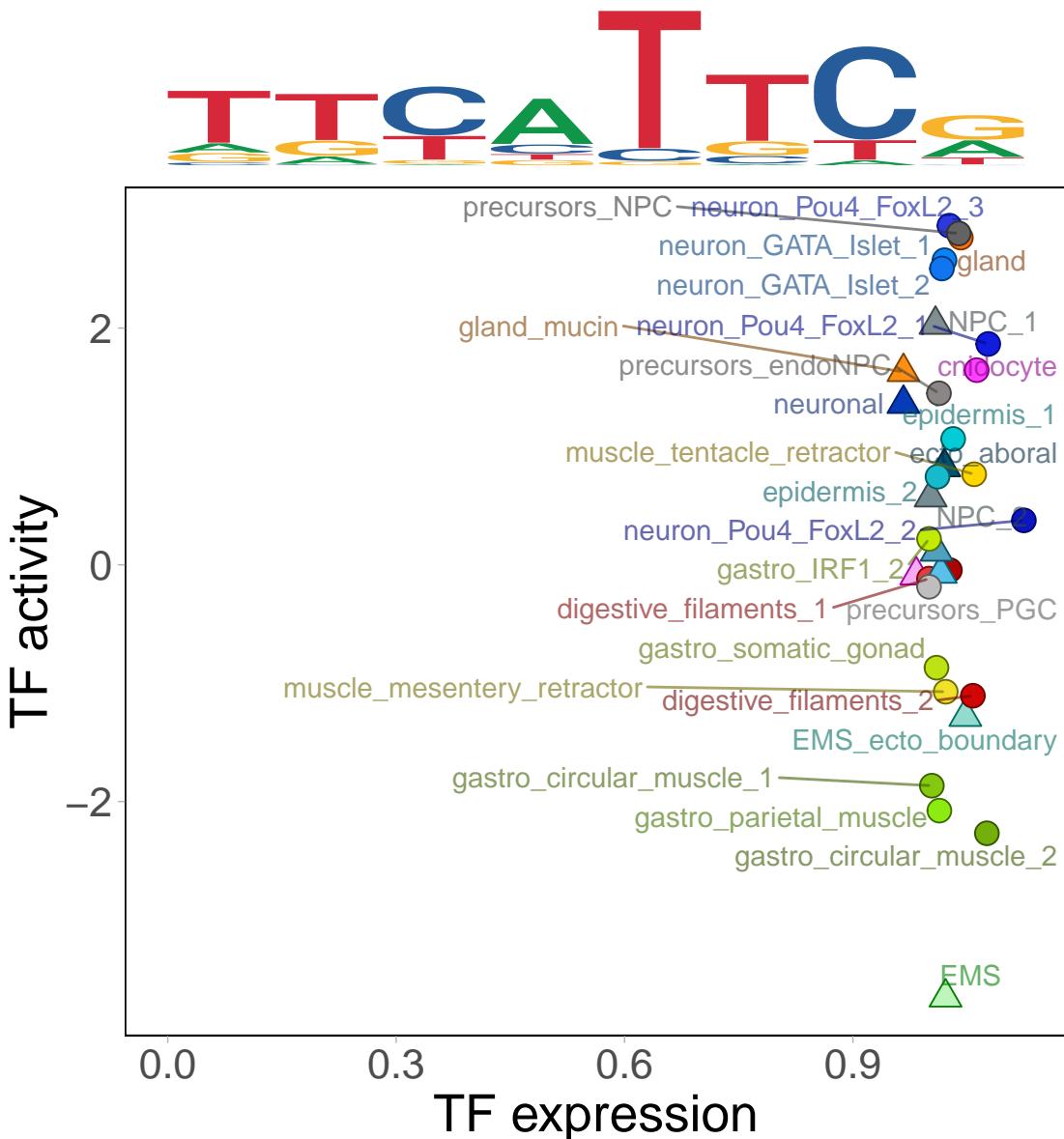
Nvec_vc1.1_XM_032386968.2
OG: zf-C2H2.HG1.116:like:AC008758.1
PFAM: zf-C2H2/zf-C2H2_4
motif: ARCH1253_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2754
gene score correlation: 0.4730



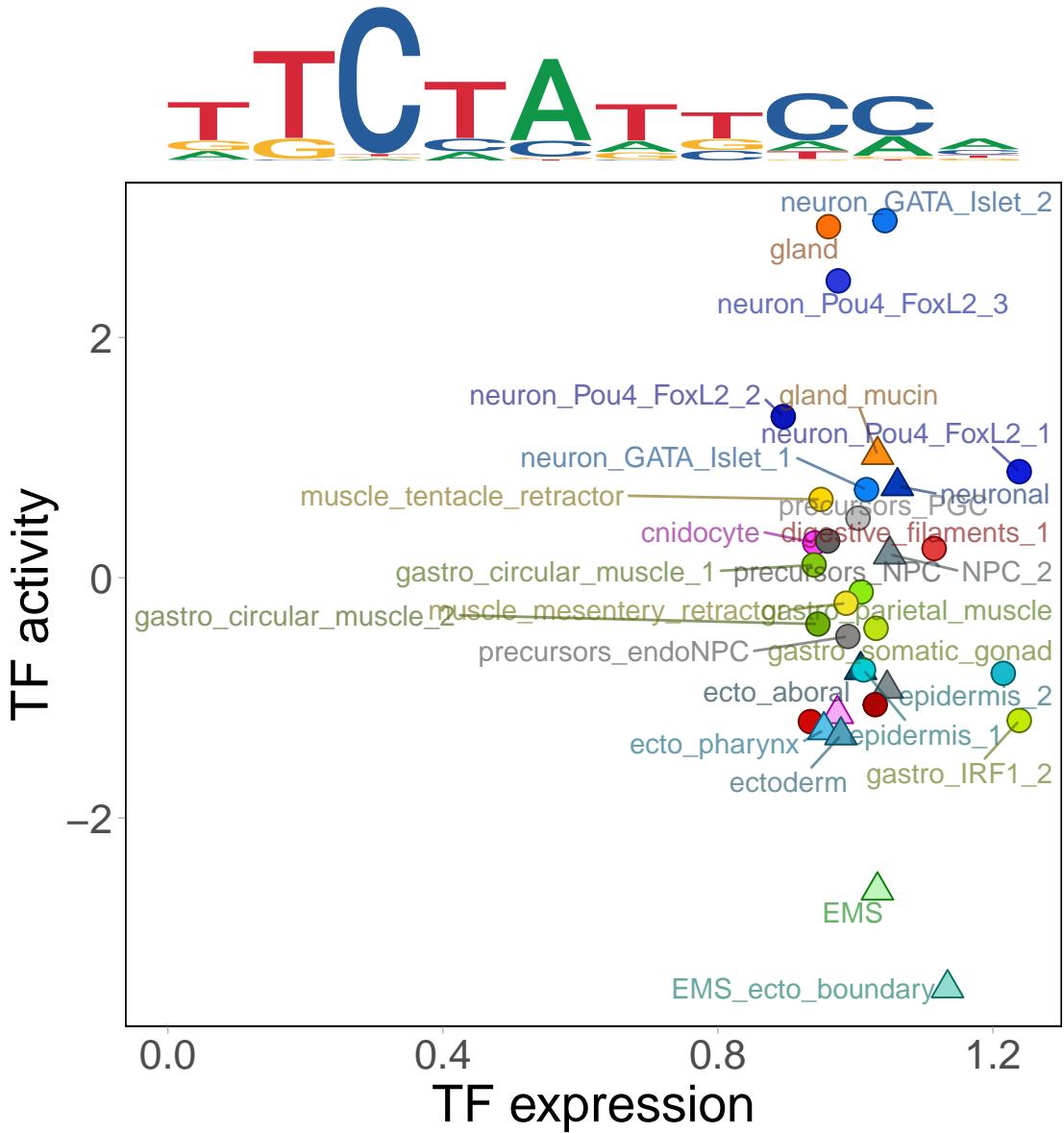
Nvec_vc1.1_XM_032386992.2
OG: Homeodomains.HG3.13:ONECUT1
PFAM: CUT/Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.3981
gene score correlation: 0.4492



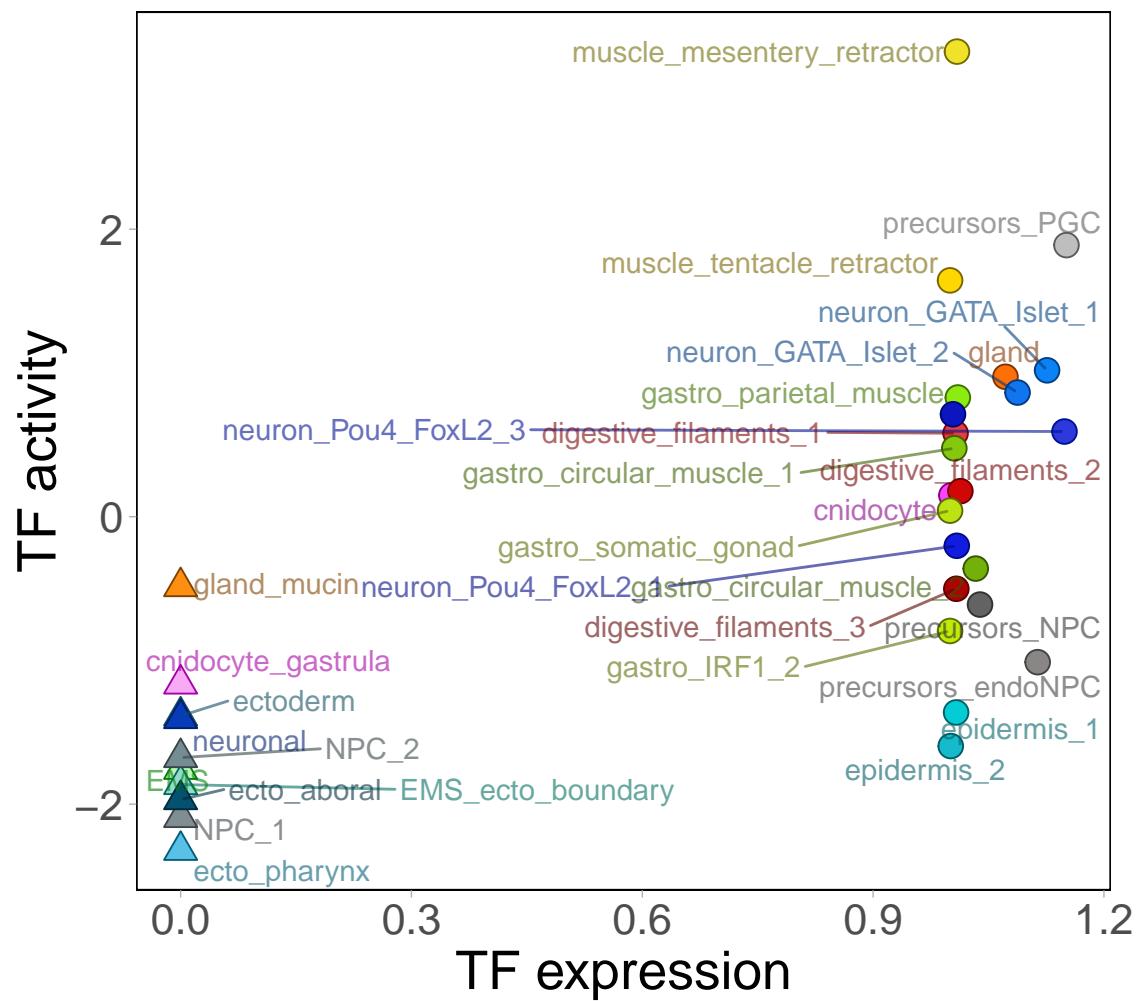
Nvec_vc1.1_XM_032387080.2
OG: zf-C2H2.HG1.192:like:AC008758.1
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1204_ARR1_ZNF24
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 22
gene expression correlation: -0.0232
gene score correlation: 0.4268



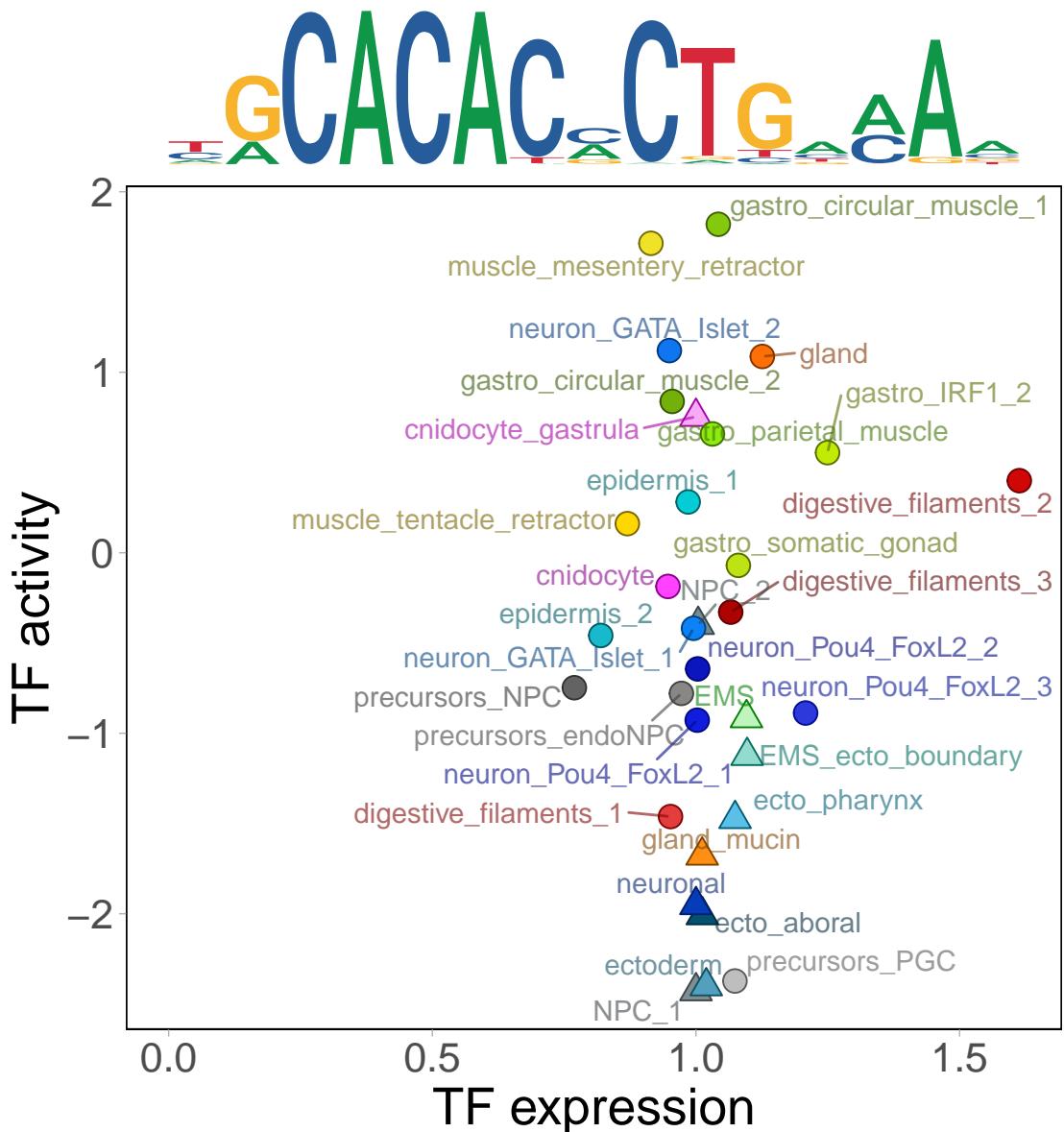
Nvec_vc1.1_XM_032387218.2
OG: zf-C2H2.HG57.1:like:ZBTB48
PFAM: zf-C2H2_6/zf-C2H2_6/zf-met/z
motif: ARCH627_ZNF189
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 56
gene expression correlation: -0.2004
gene score correlation: 0.3622



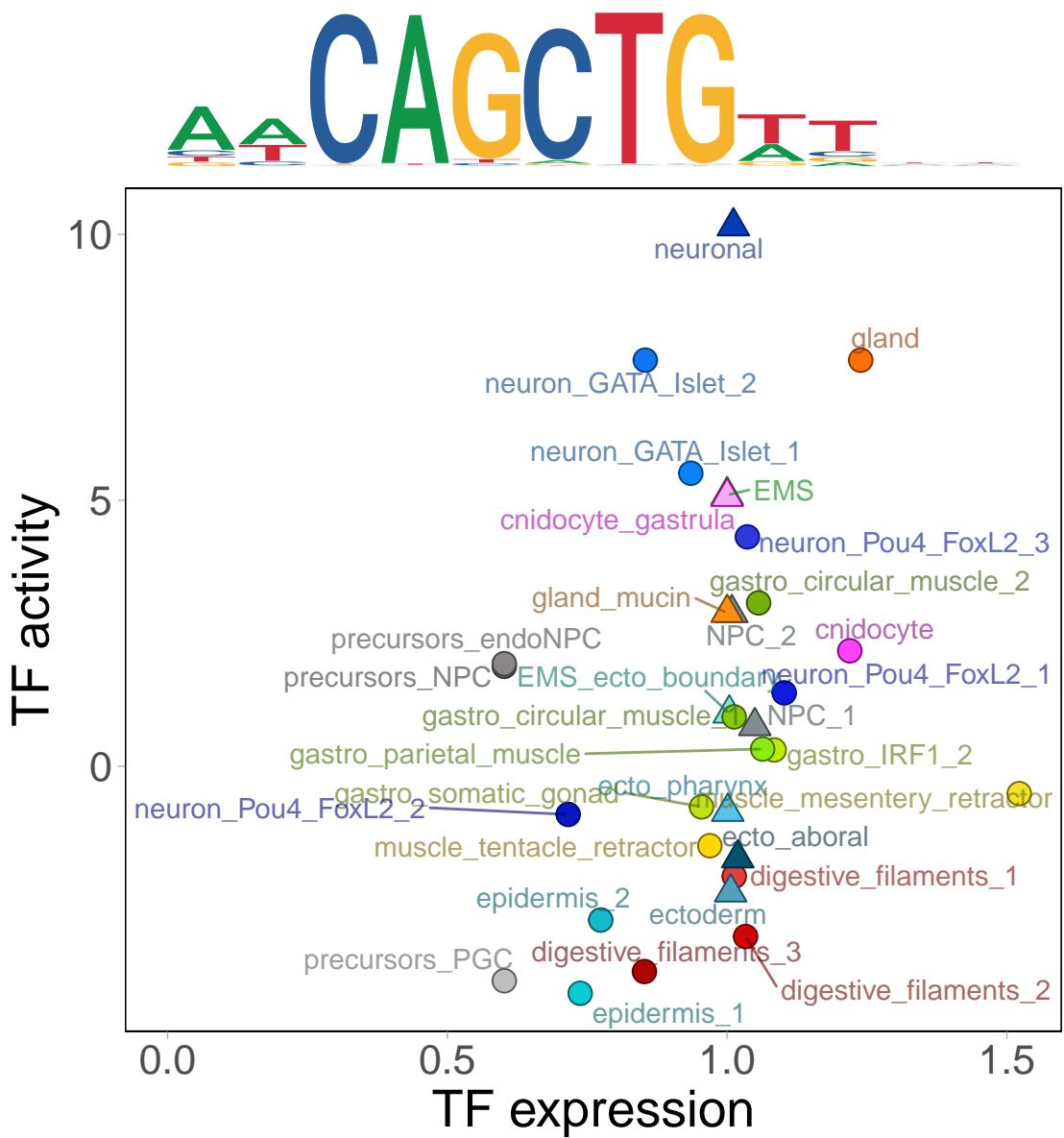
Nvec_vc1.1_XM_032387281.2
OG: zf-C2H2.HG15.1:OVOL1/OVOL2/C
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 460
gene expression correlation: 0.6937
gene score correlation: -0.0649



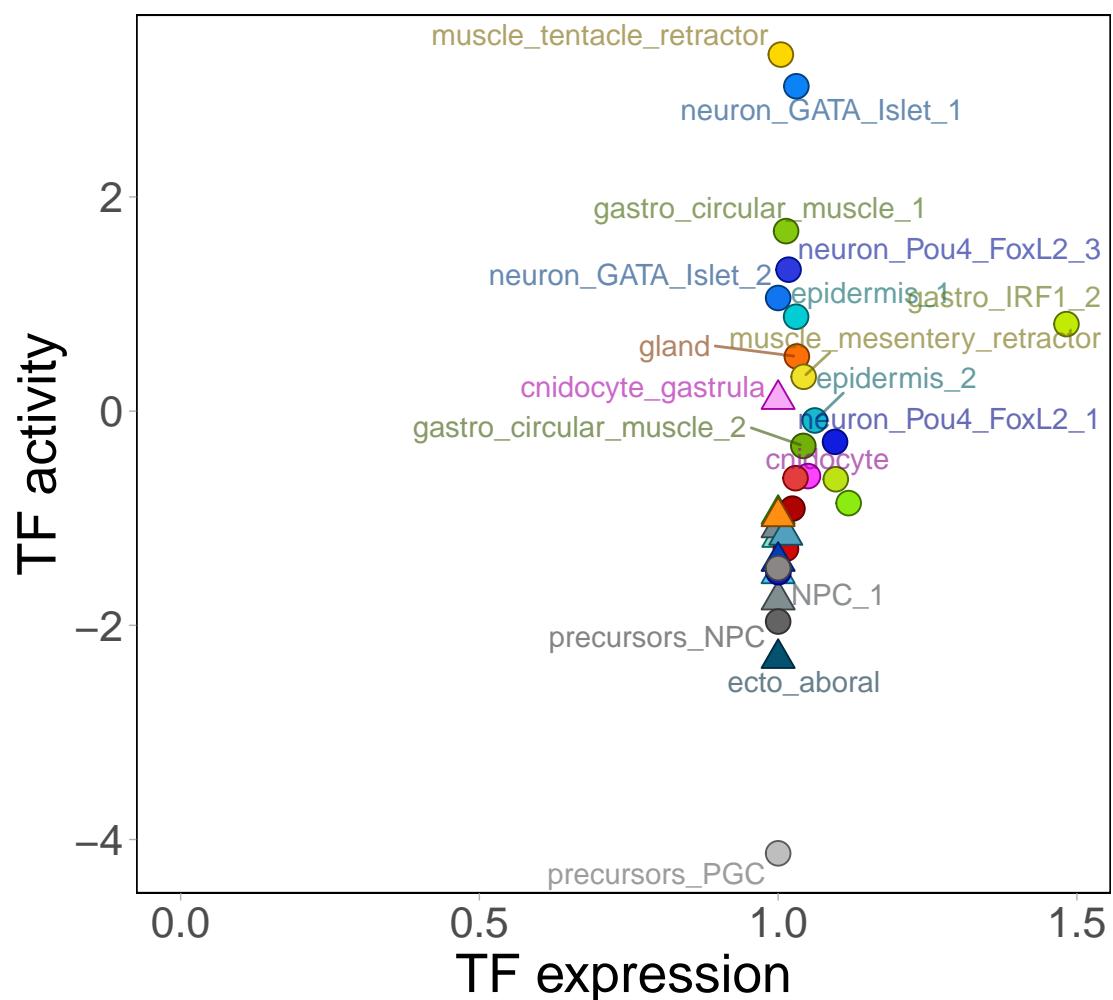
Nvec_vc1.1_XM_032387283.2
OG: zf-C2H2.HG15.1:OVOL1/OVOL2/C
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1368_M04483_2.00__M04
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 67
gene expression correlation: 0.0651
gene score correlation: 0.1248



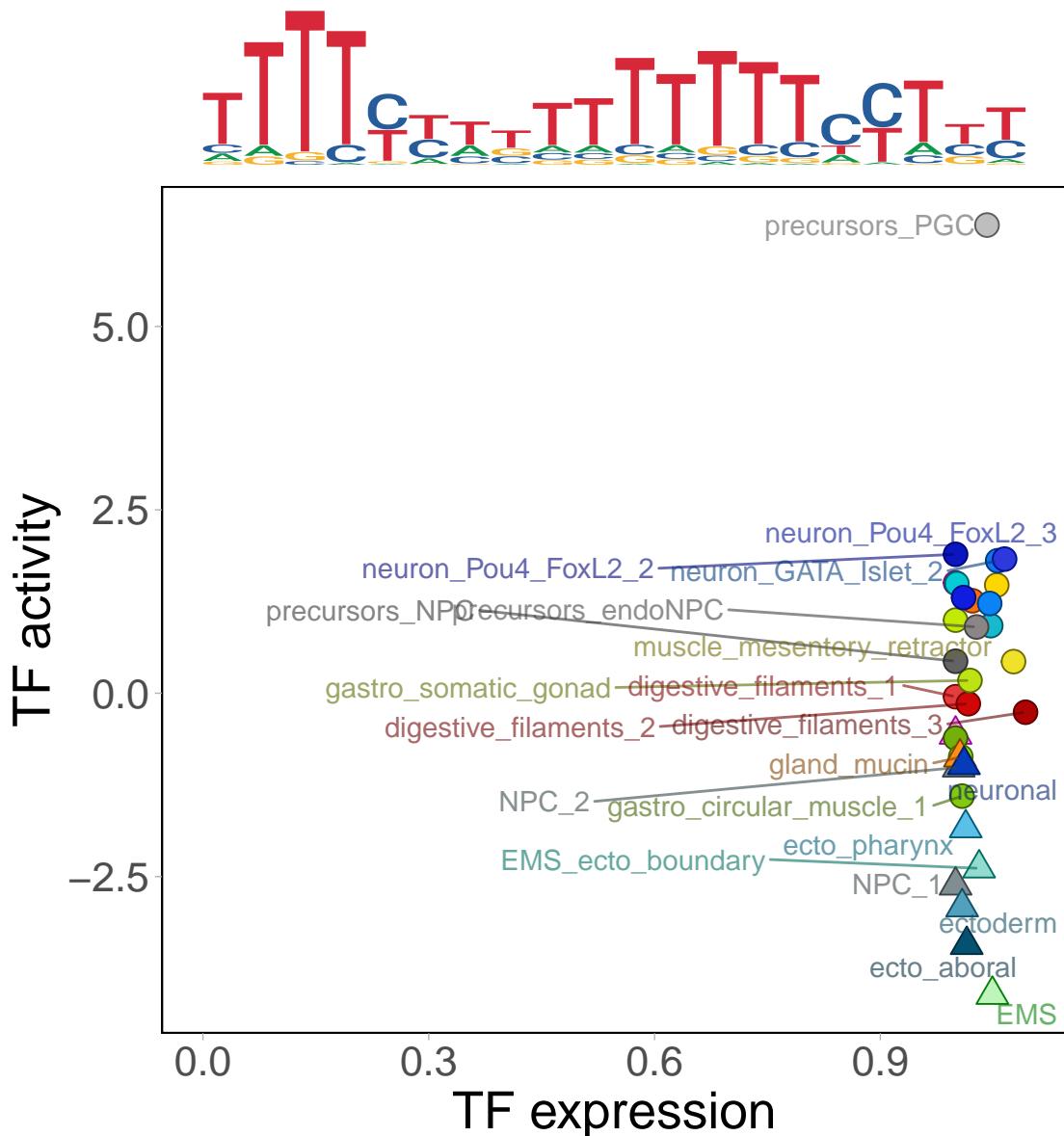
Nvec_vc1.1_XM_032387318.2
OG: HLH.HG1.15:like:TFAP4
PFAM: HLH
motif: Nvec_vc1.1_XM_032387318.2_H
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2300
gene score correlation: 0.2551



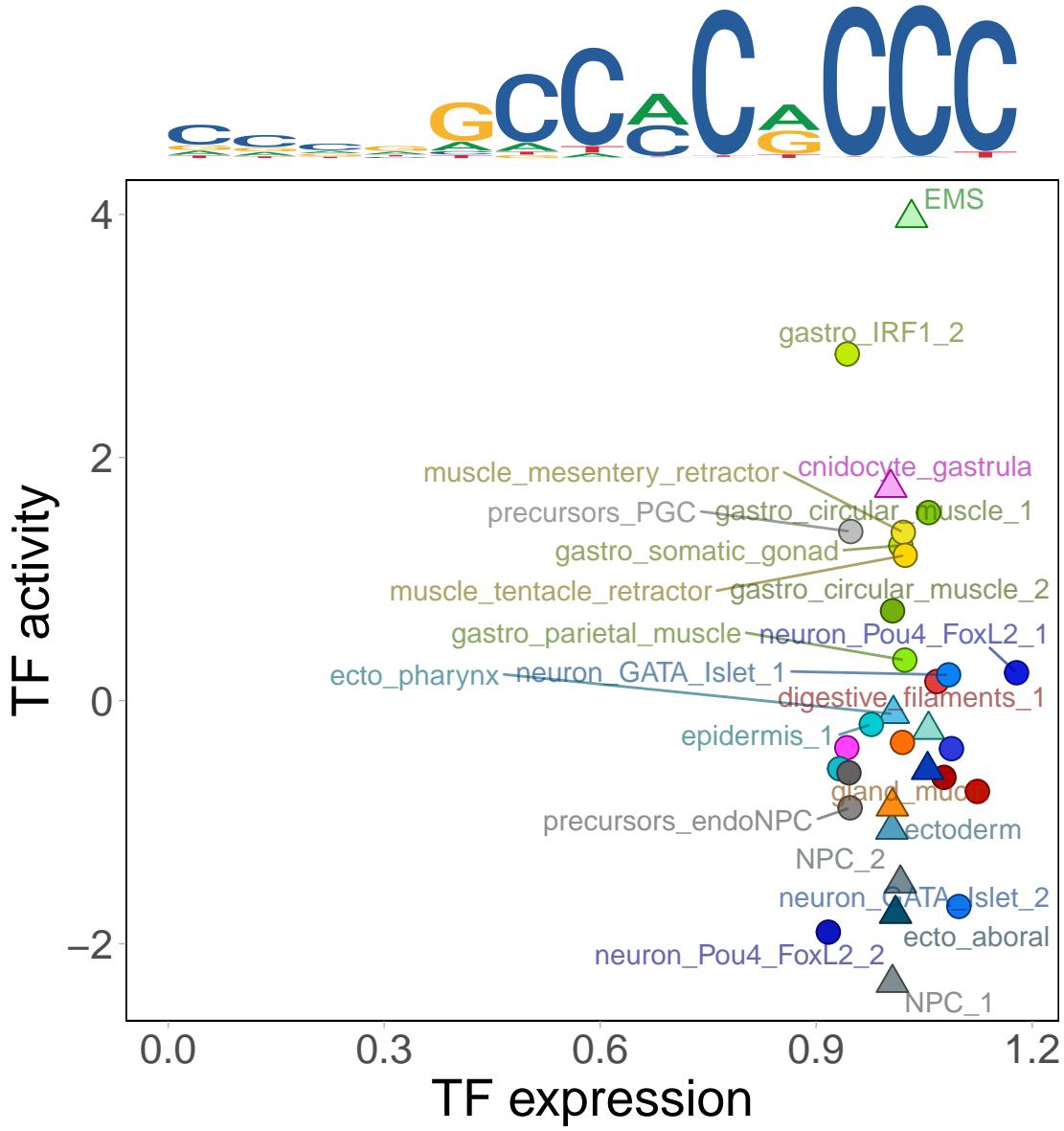
Nvec_vc1.1_XM_048719424.1
OG: zf-C2H2.HG1.36:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2
motif: ARCH1245_Egr3/Egr1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1997
gene score correlation: -0.1399



Nvec_vc1.1_XM_048719441.1
OG: zf-C2H2.HG24.0:ZNF599/ZSCAN2
PFAM: zf-C2H2/zf-C2H2_3rep/zf-C2H
motif: ARCH1206_M08277_2.00__M08
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 6
gene expression correlation: 0.2078
gene score correlation: 0.4578



Nvec_vc1.1_XM_048719714.1
OG: zf-C2H2.HG116.1:NA
PFAM: zf-C2H2/zf-C2H2
motif: ARCH348_Klf11_Klf5_Klf7_Klf8
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 200
gene expression correlation: -0.0068
gene score correlation: 0.3575



Nvec_vc1.1_XM_048720215.1

OG: zf-C2H2.HG116.0:NA

PFAM: zf-C2H2/zf-C2H2

motif: ARCH1201_Gfi1b/Gfi1

TF family: zf-C2H2

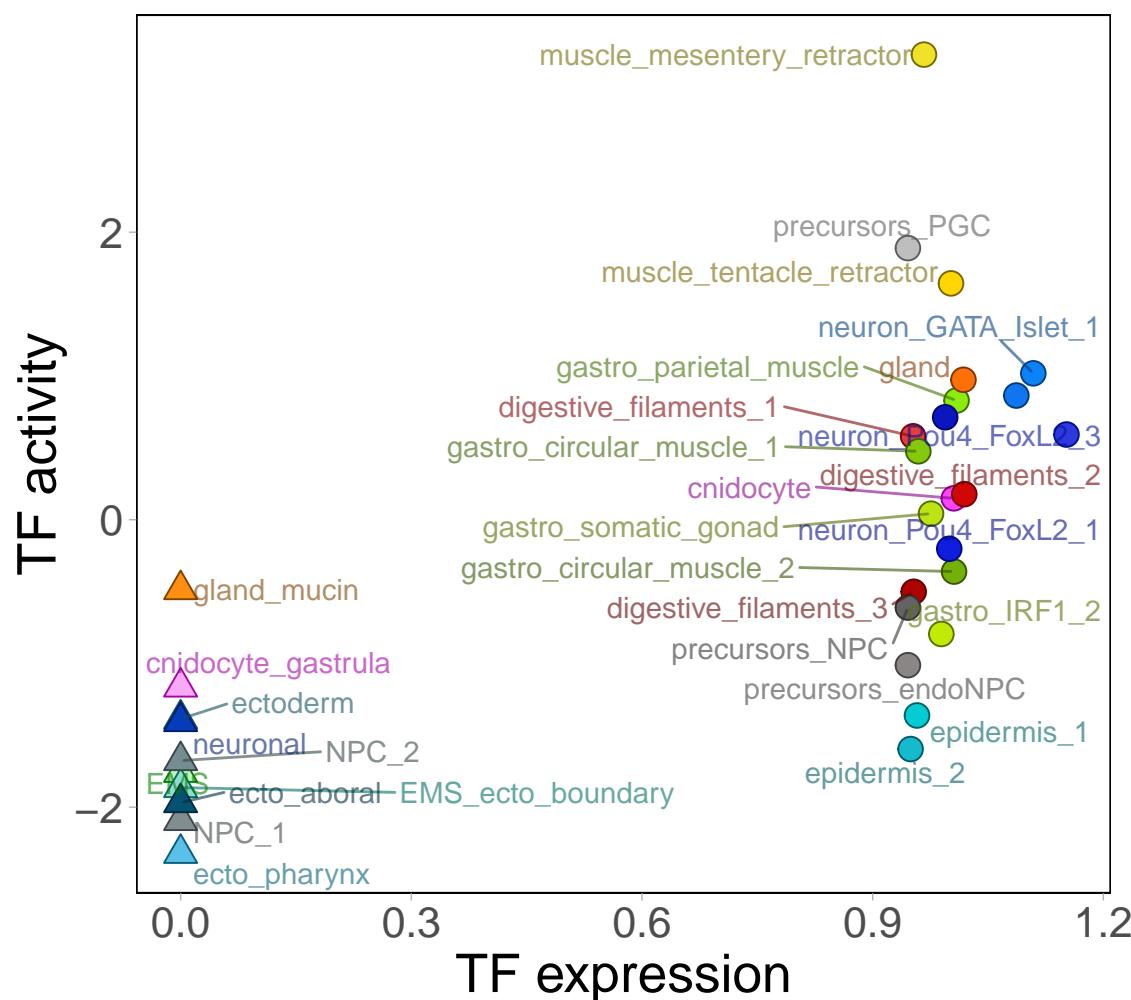
archetype family: zf-C2H2

CisBP assigned: FALSE

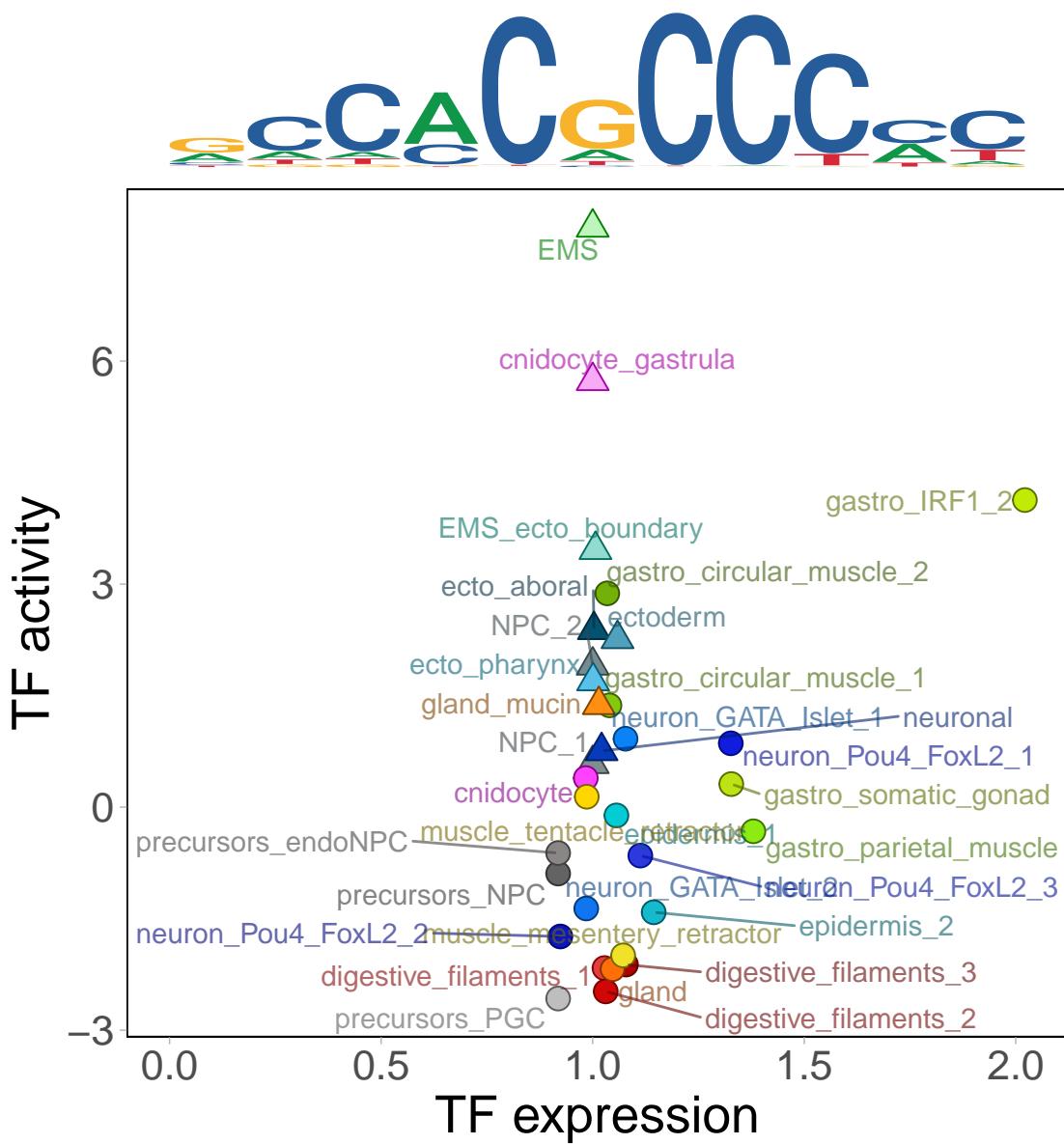
rank: 684

gene expression correlation: 0.6964

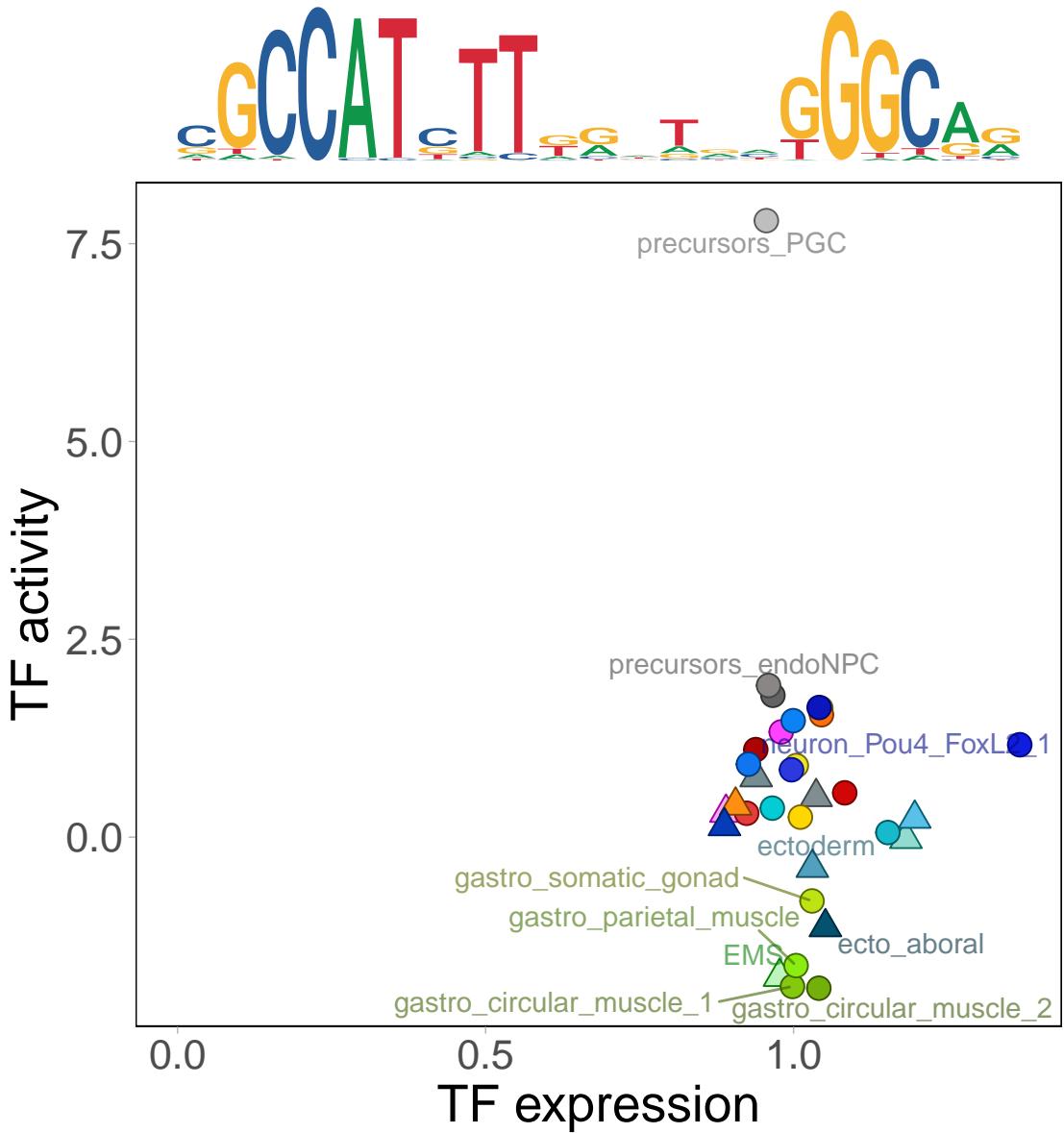
gene score correlation: 0.2485



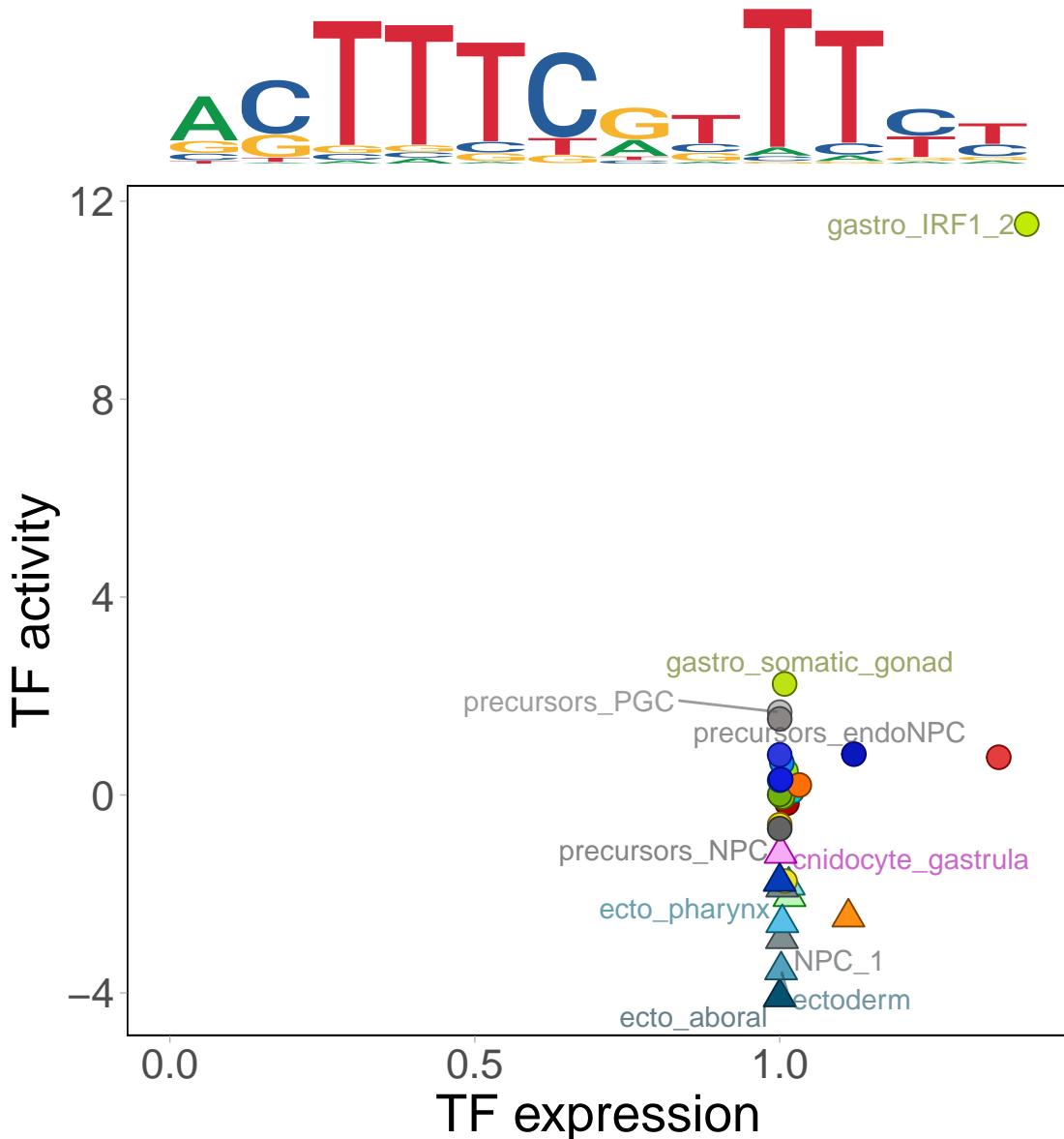
Nvec_vc1.1_XM_048720219.1
OG: zf-C2H2.HG1.36:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2
motif: ARCH341_Klf11_Klf15_Sp6/Sp5.
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 111
gene expression correlation: 0.2016
gene score correlation: 0.1215



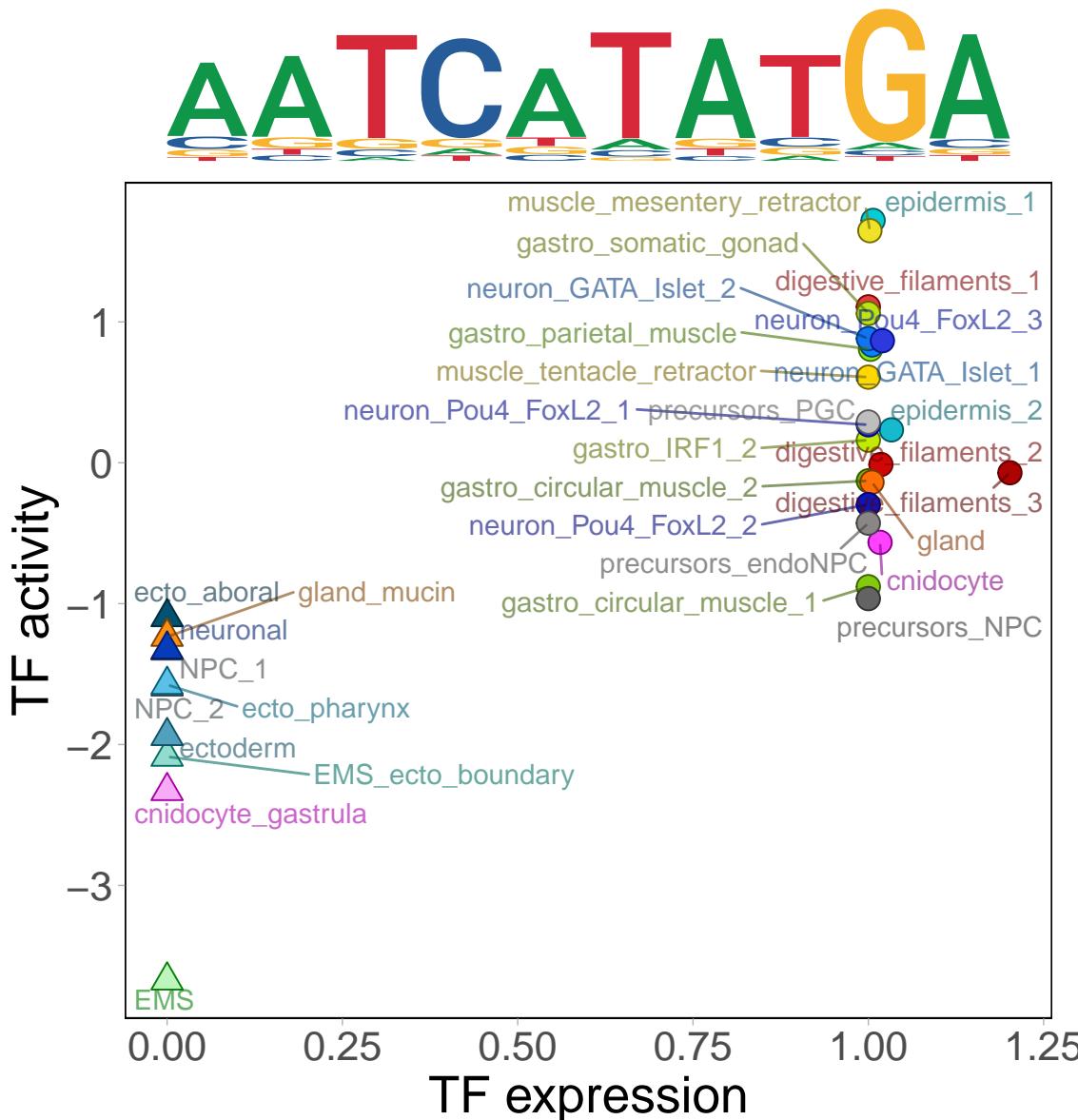
Nvec_vc1.1_XM_048720635.1
OG: THAP_finger.HG1.0:AC073612.1/T
PFAM: THAP
motif: ARCH1254_M08020_2.00
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 297
gene expression correlation: -0.0956
gene score correlation: 0.3320



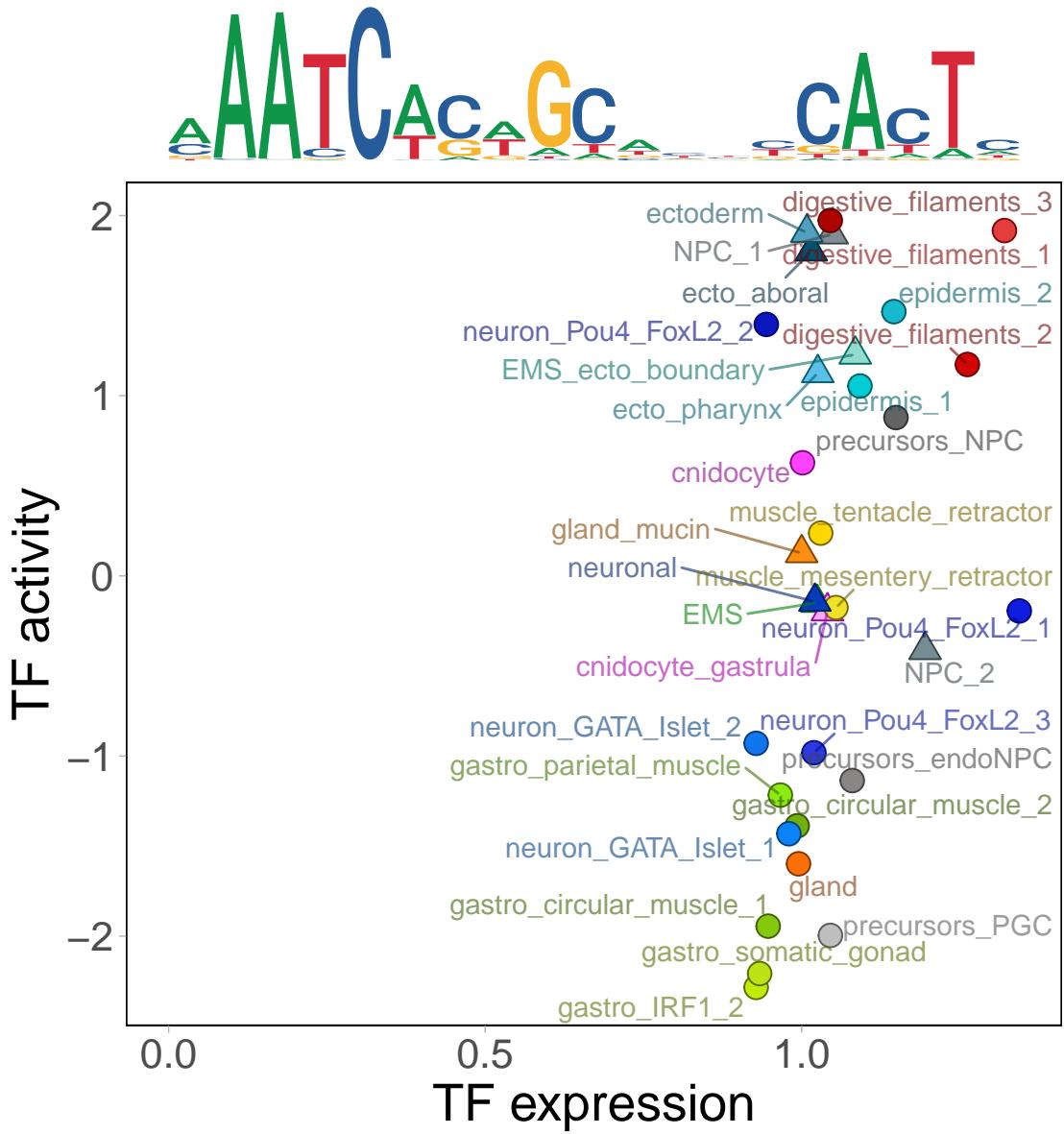
Nvec_vc1.1_XM_048720727.1
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5
PFAM: IRF/IRF-3
motif: ARCH590_T1ISRE__IRF2
TF family: IRF
archetype family: IRF
CisBP assigned: FALSE
rank: 18
gene expression correlation: 0.6299
gene score correlation: 0.6073



Nvec_vc1.1_XM_048721315.1
OG: HLH.HG1.31:like:ASCL1/ASCL2/AS
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1021
gene expression correlation: 0.8003
gene score correlation: 0.0664



Nvec_vc1.1_XM_048721411.1
OG: zf-C2H2.HG66.0:ZNF8
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 59
gene expression correlation: 0.4092
gene score correlation: 0.3595



Nvec_vc1.1_XM_048721414.1

OG: zf-C2H2.HG1.7:PRDM13

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

motif: ARCH861_Scrt2/Scrt1

TF family: zf-C2H2

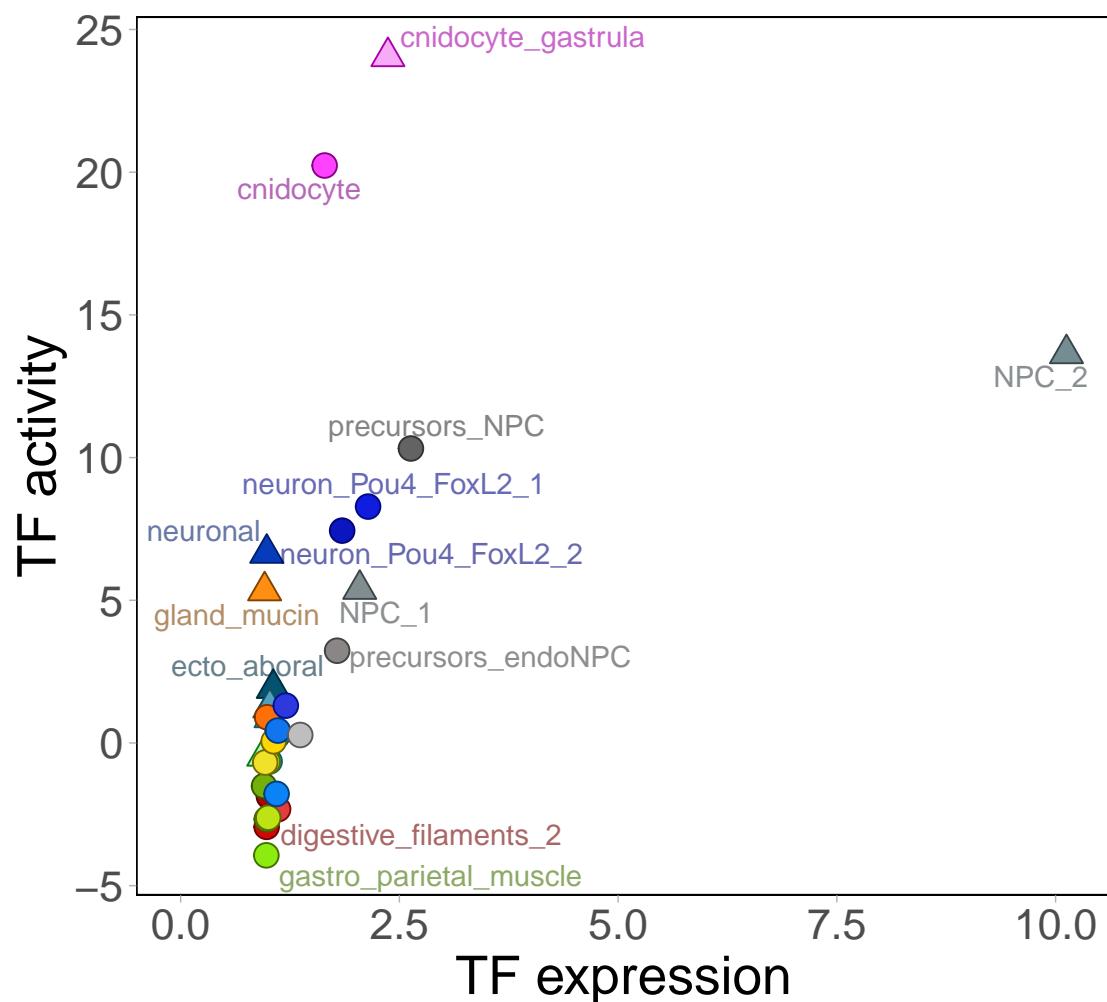
archetype family: zf-C2H2

CisBP assigned: FALSE

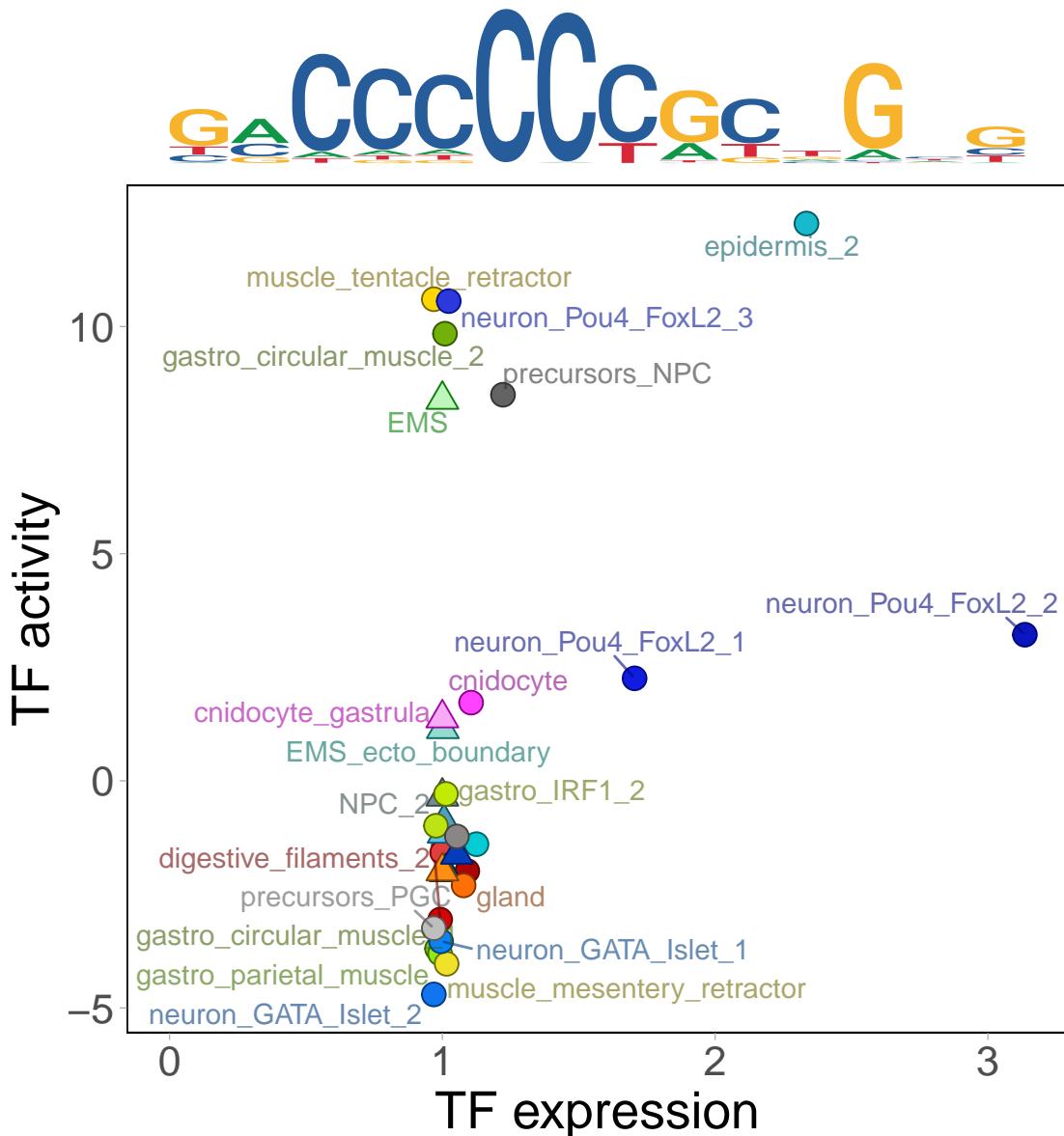
rank: 1

gene expression correlation: 0.4886

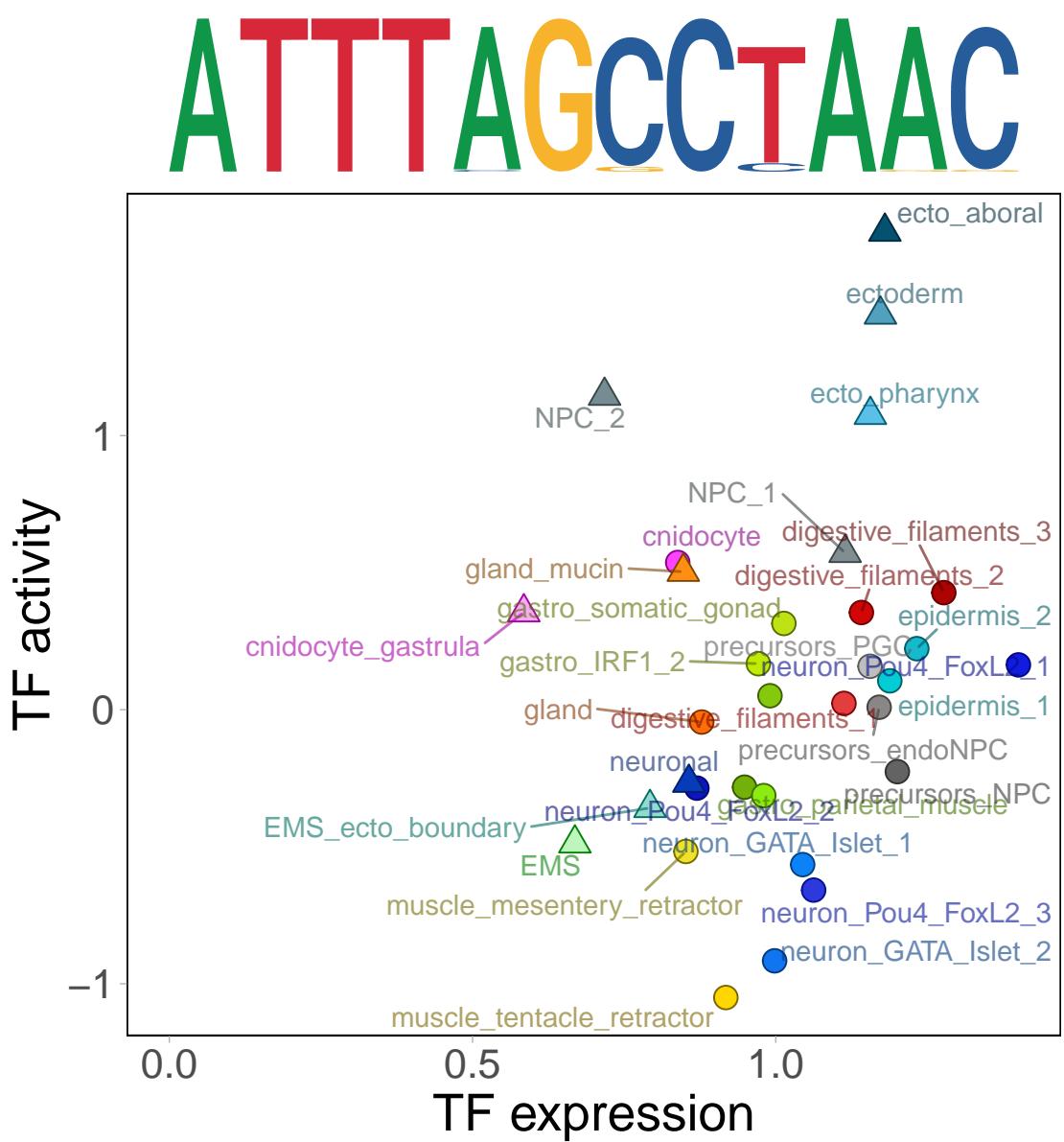
gene score correlation: 0.5536



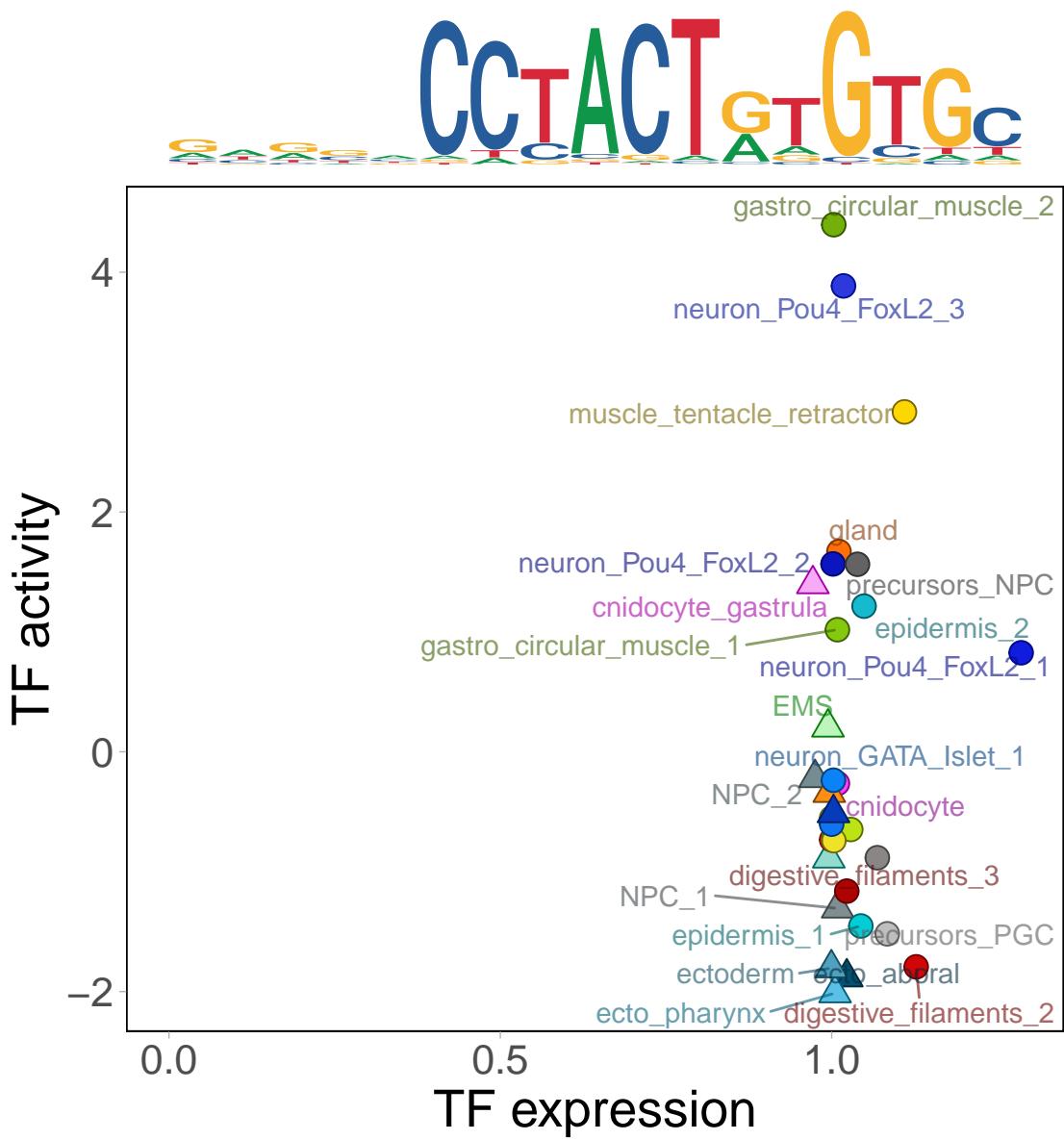
Nvec_vc1.1_XM_048721581.1
OG: zf-C2H2.HG1.29:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH353_M06062_2.00__M064
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3346
gene score correlation: 0.5316



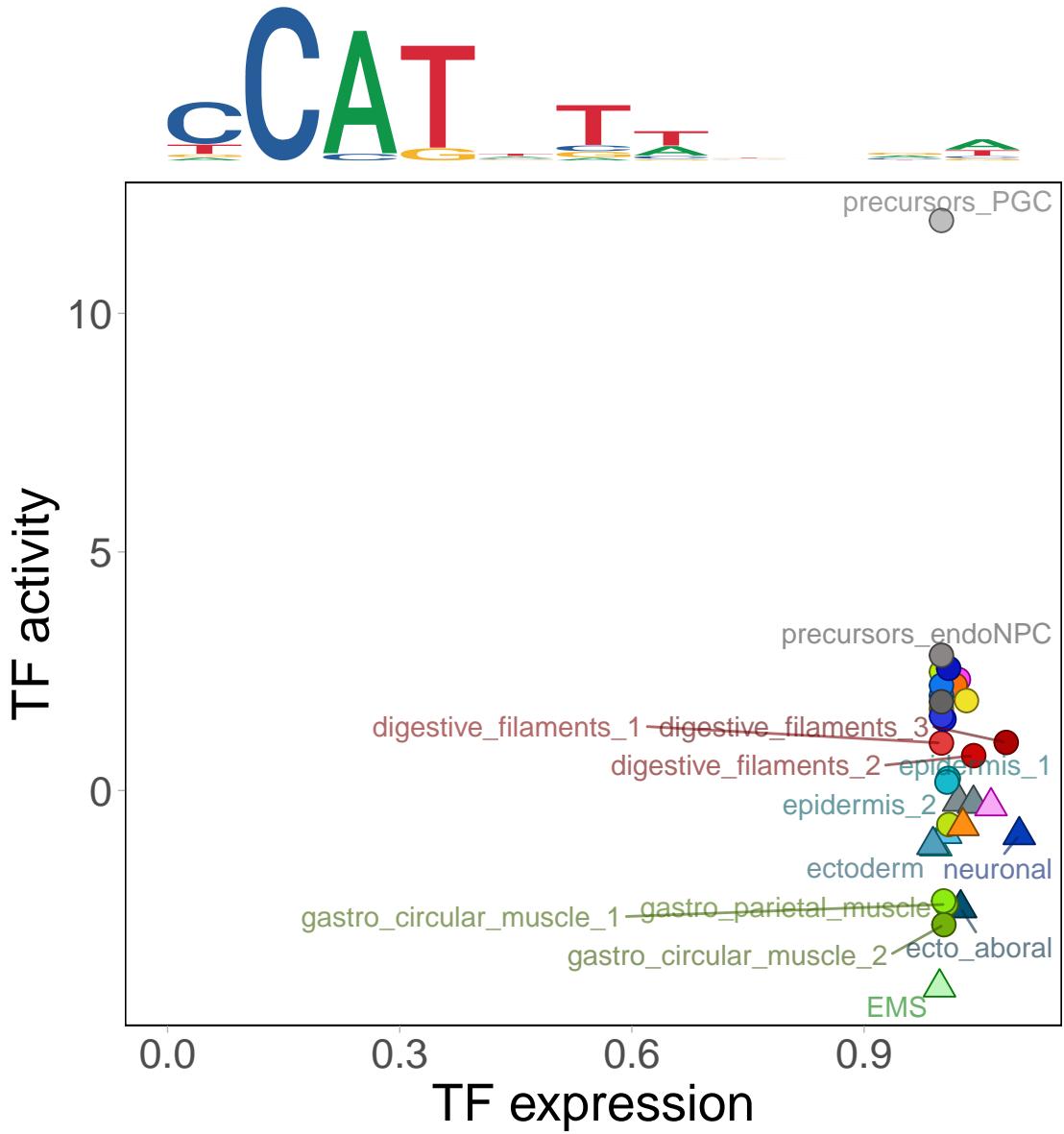
Nvec_vc1.1_XM_048721609.1
OG: Myb.HG3.0:like:HSPA14/MSANTD
PFAM: Myb_DNA-bind_4
motif: ARCH193_MYB116
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2299
gene score correlation: -0.1028



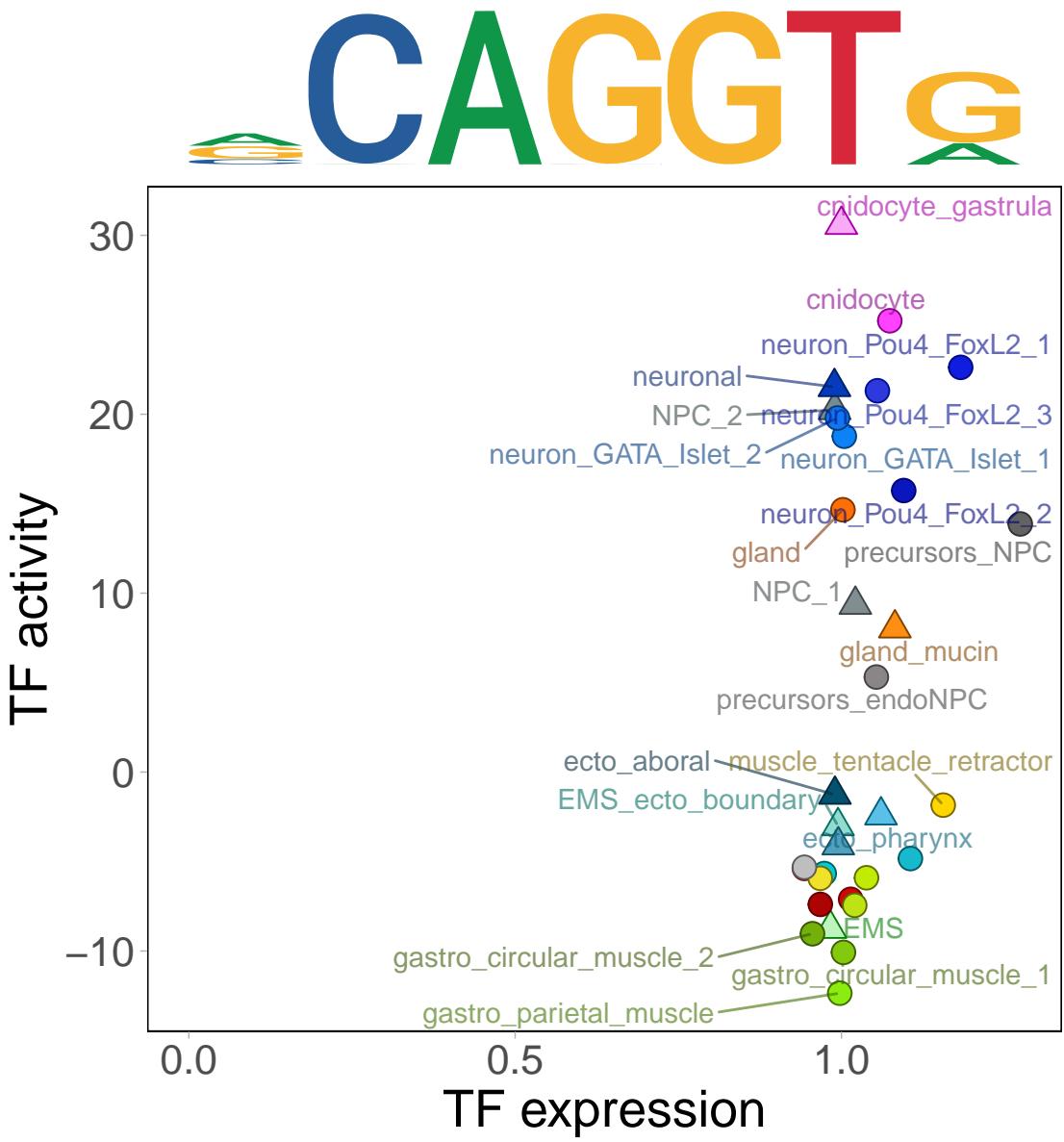
Nvec_vc1.1_XM_048721905.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1369_Zfp7/Gm21060
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 923
gene expression correlation: 0.0483
gene score correlation: -0.1624



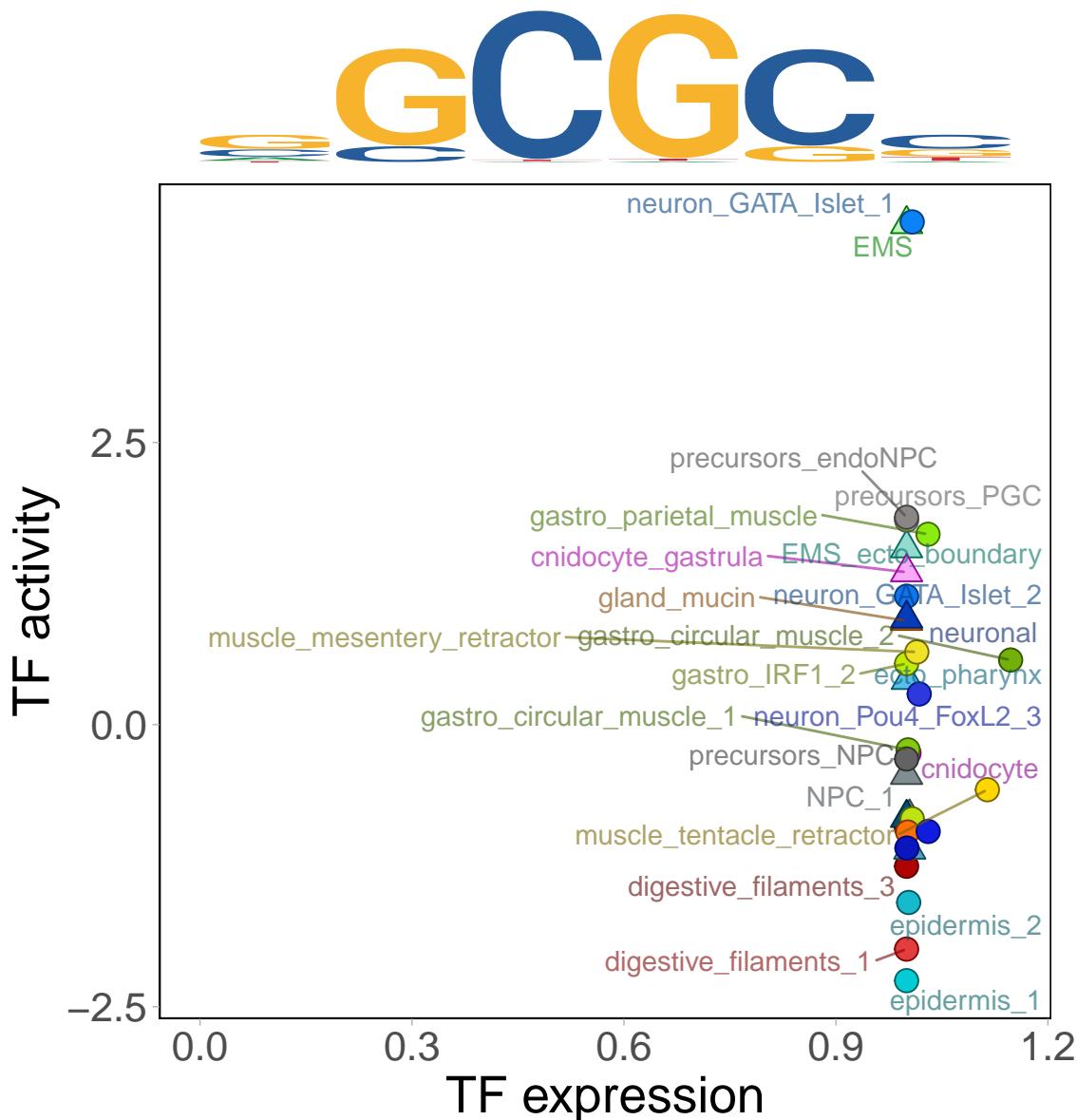
Nvec_vc1.1_XM_048721909.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1311_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 17
gene expression correlation: -0.1092
gene score correlation: 0.3666



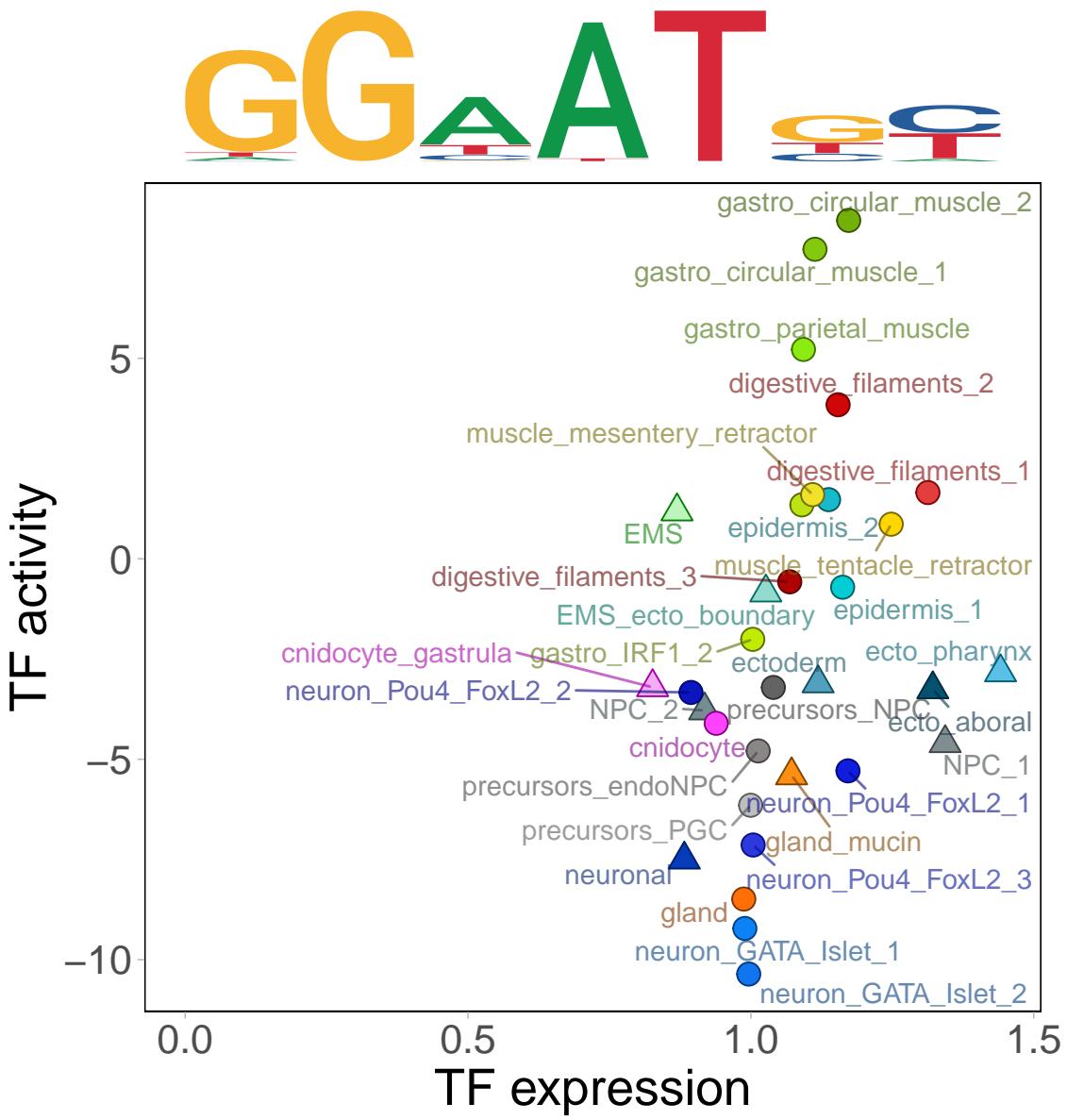
Nvec_vc1.1_XM_048722339.1
OG: HLH.HG1.0:AC019117.4/AHR/AHF
PFAM: HLH/PAS
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 188
gene expression correlation: 0.3277
gene score correlation: 0.1033



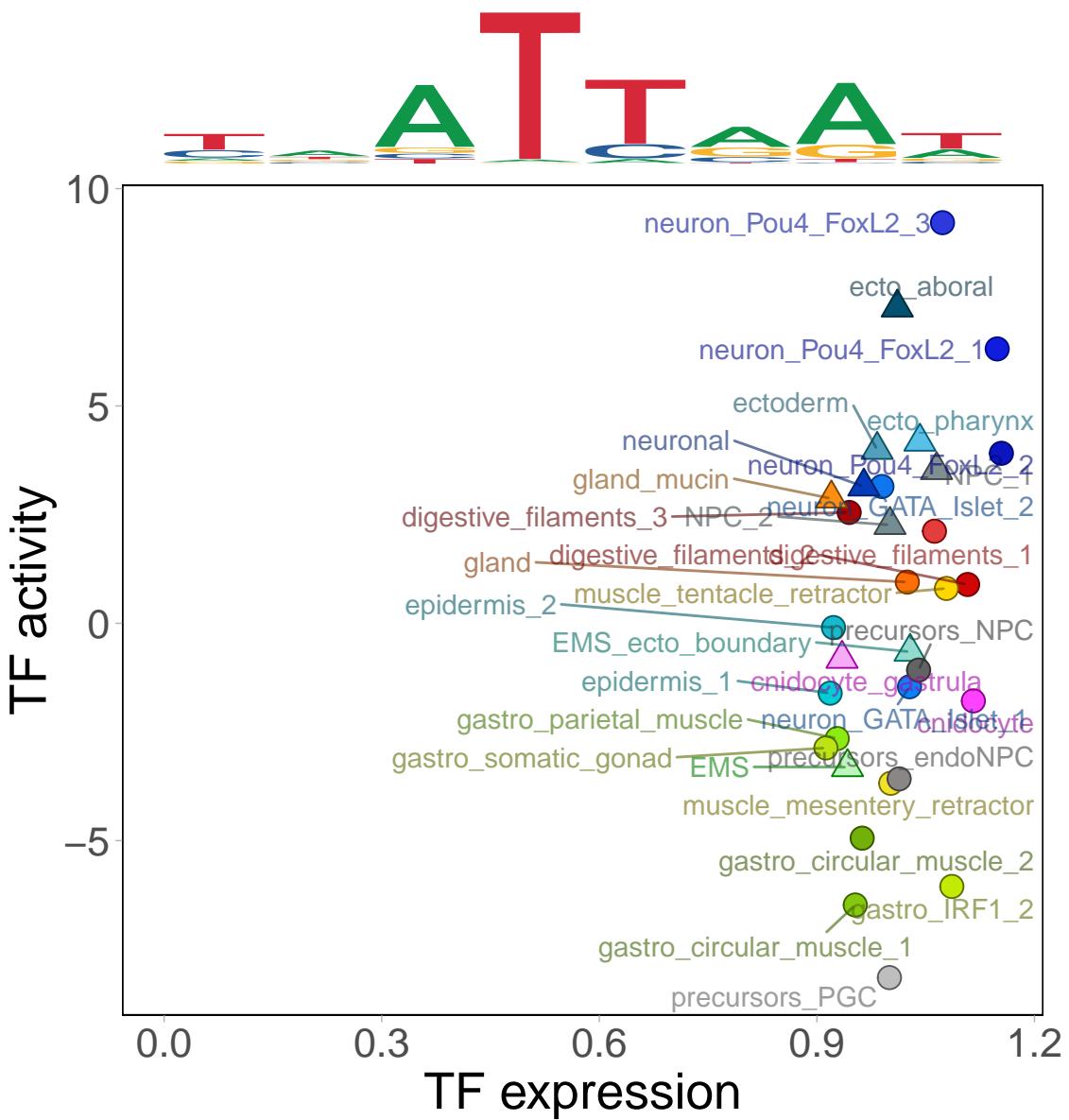
Nvec_vc1.1_XM_048722428.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP/E2F_CC-MB
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 288
gene expression correlation: -0.0048
gene score correlation: -0.0968



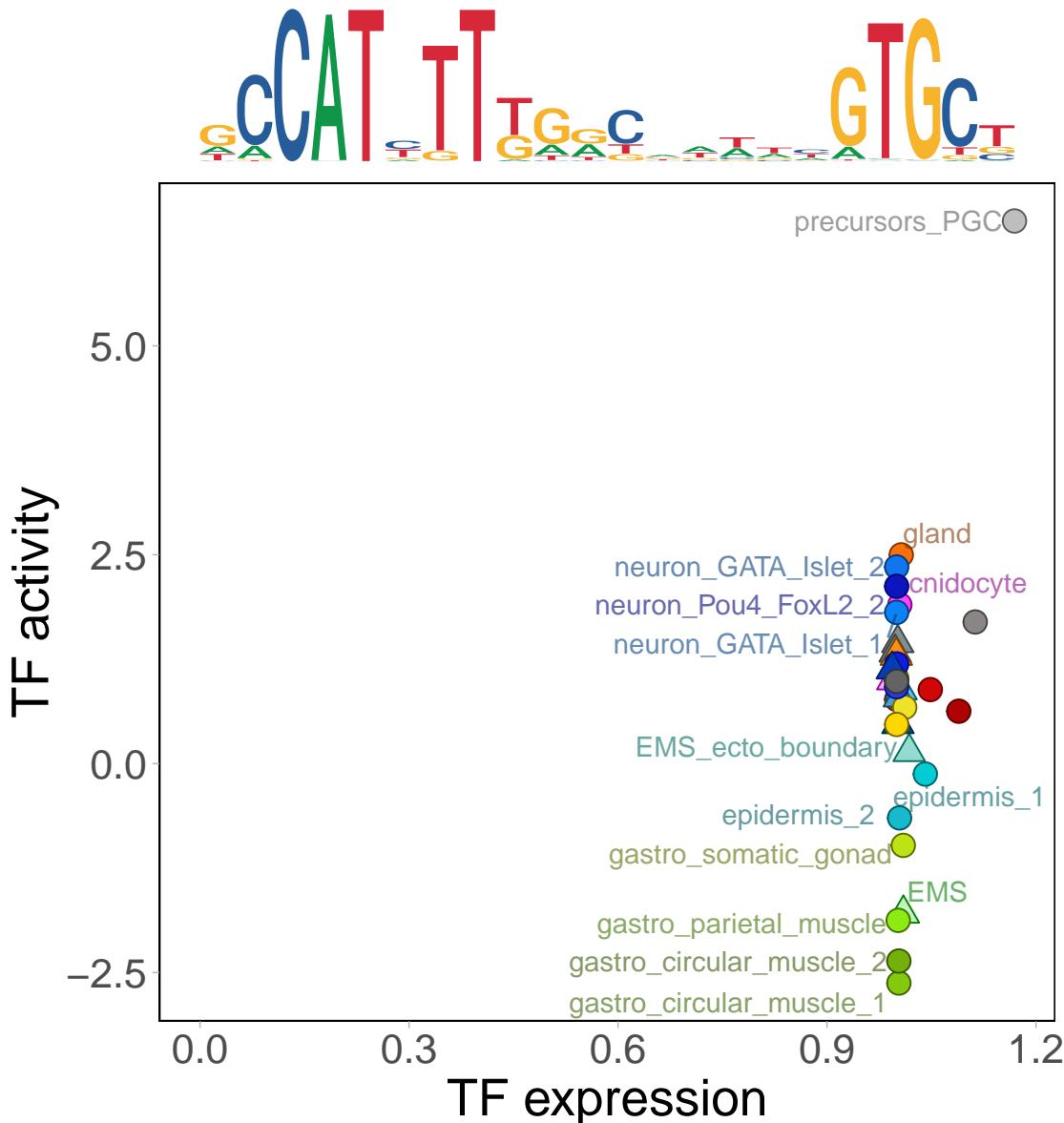
Nvec_vc1.1_XM_048722500.1
OG: TEA.HG1.0:TEAD1/TEAD2/TEAD3
PFAM: TEA/YBD
motif: ARCH699_TEAD4
TF family: TEA
archetype family: TEA
CisBP assigned: FALSE
rank: 29
gene expression correlation: 0.3082
gene score correlation: 0.3748



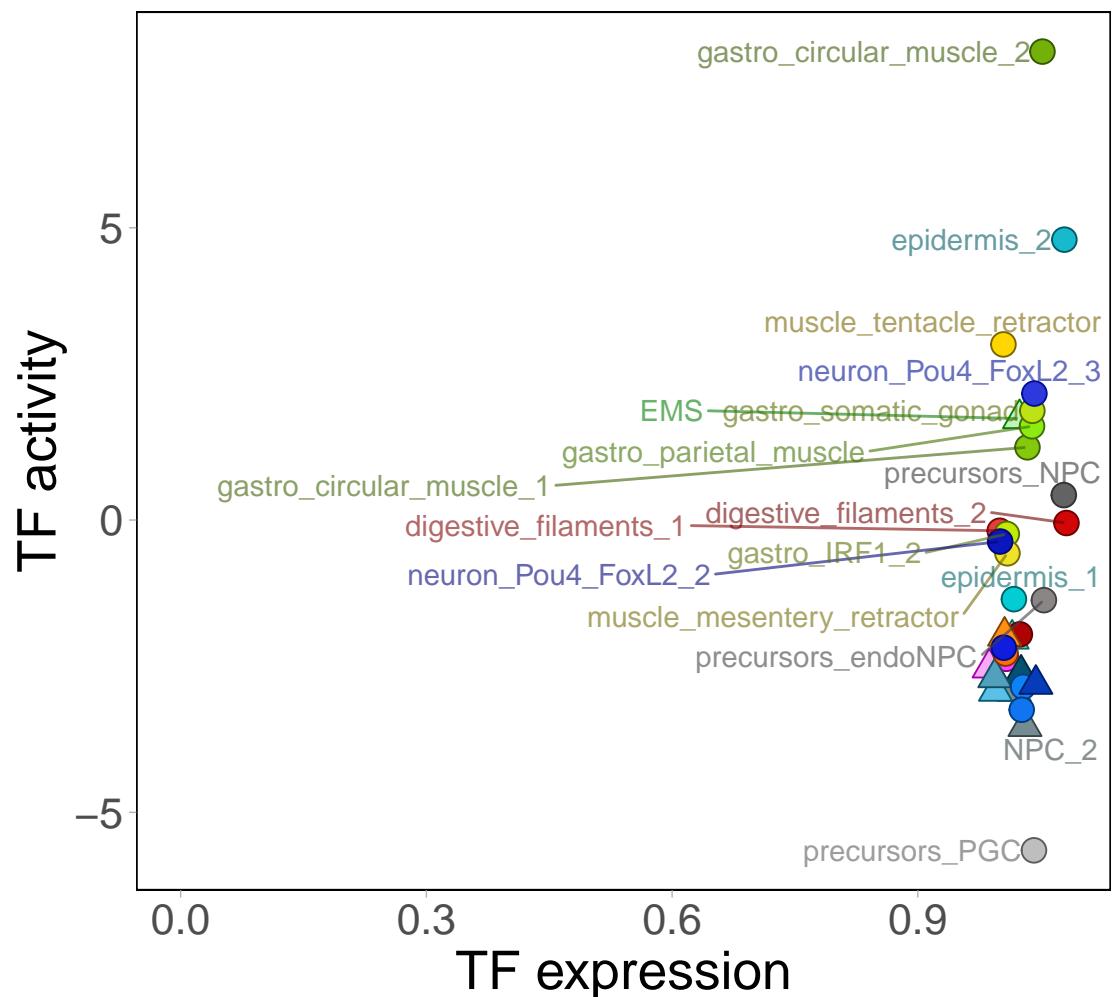
Nvec_vc1.1_XM_048722594.1
OG: ARID_BRIGHT.HG1.3:ARID2
PFAM: ARID/RFX_DNA_binding
motif: ARCH237_Arid2_Arid3c/Arid3a...
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: TRUE
rank: 230
gene expression correlation: 0.3183
gene score correlation: 0.0223



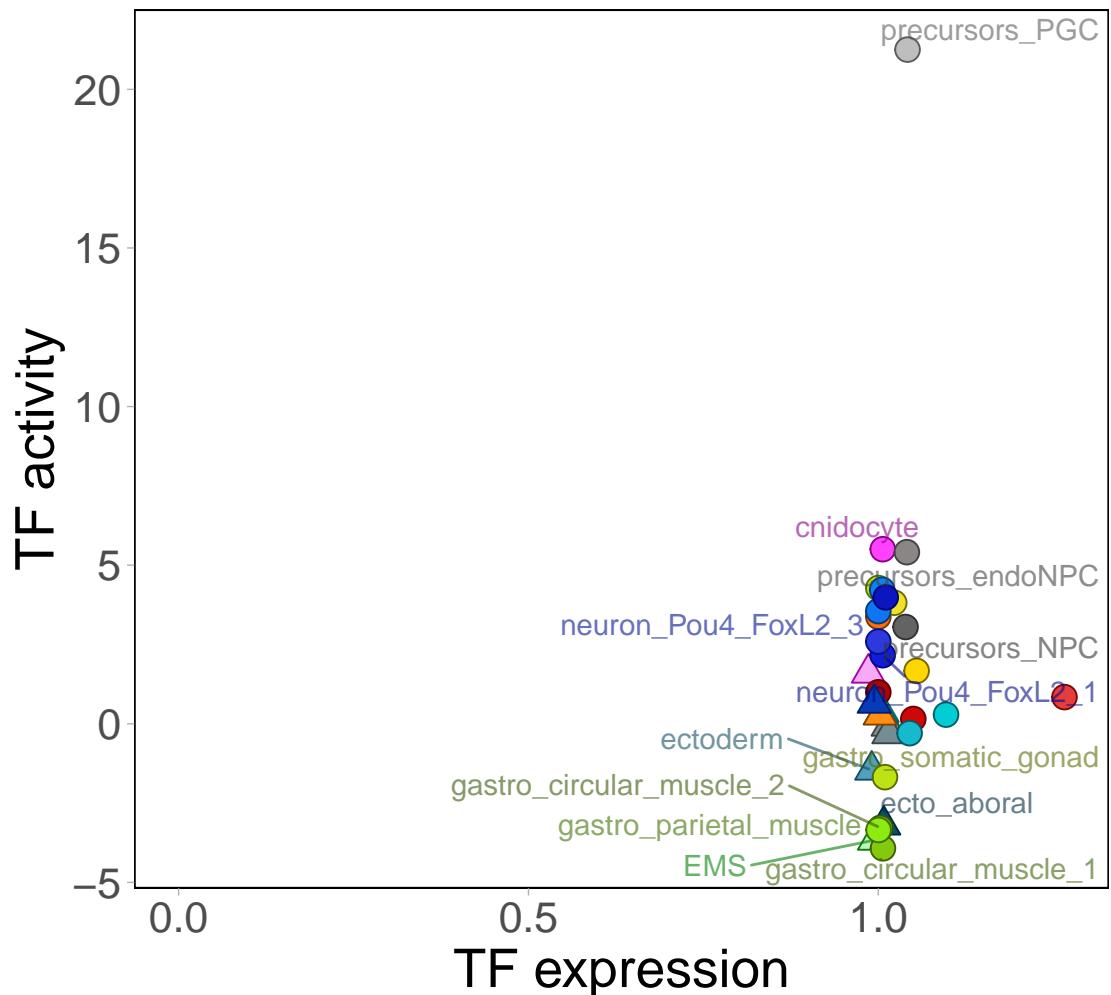
Nvec_vc1.1_XM_048722680.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1255_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 152
gene expression correlation: 0.4843
gene score correlation: 0.0473



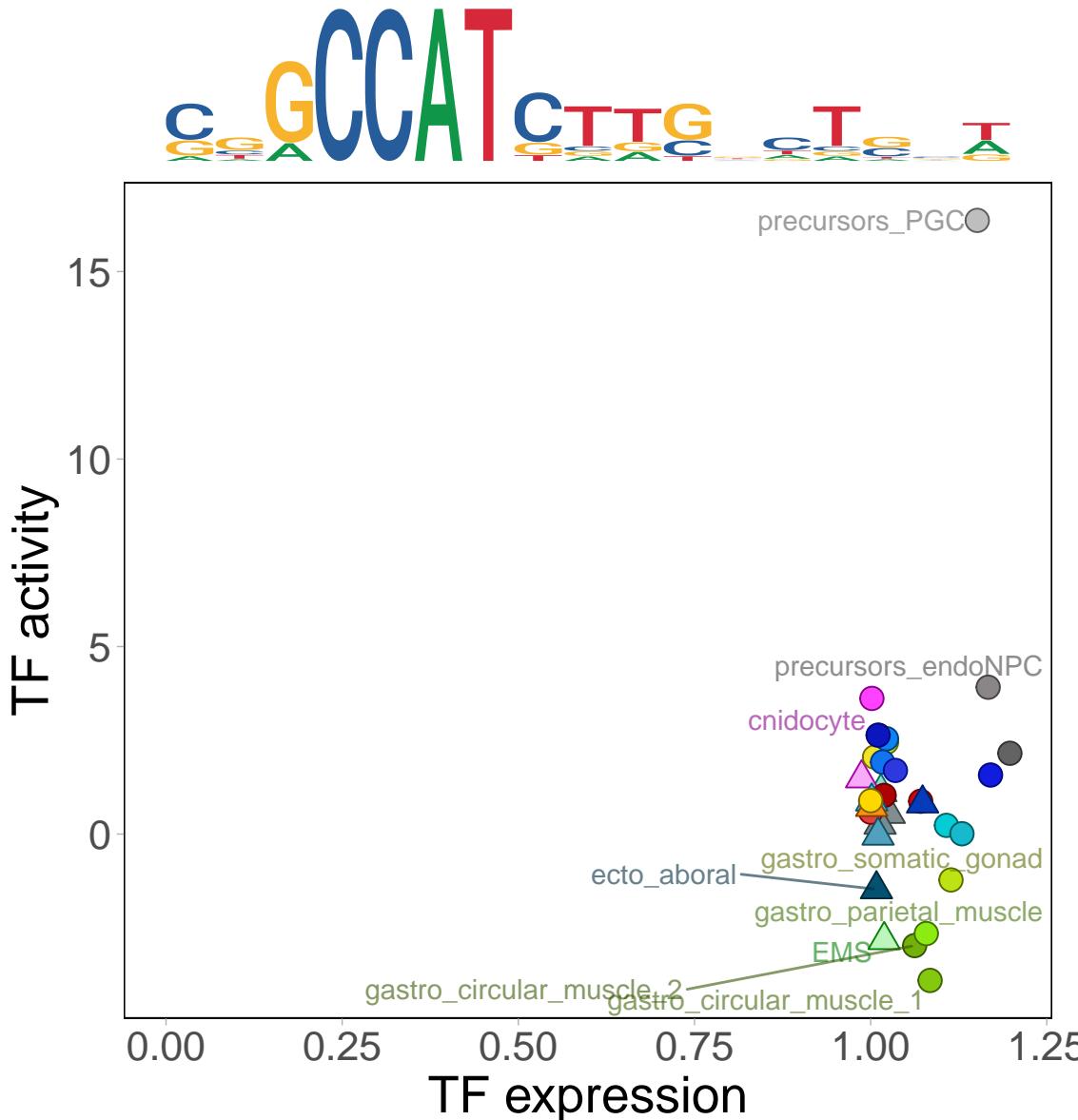
Nvec_vc1.1_XM_048722751.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH804_PB0207.1_Zic3_2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1370
gene expression correlation: 0.3934
gene score correlation: -0.1615



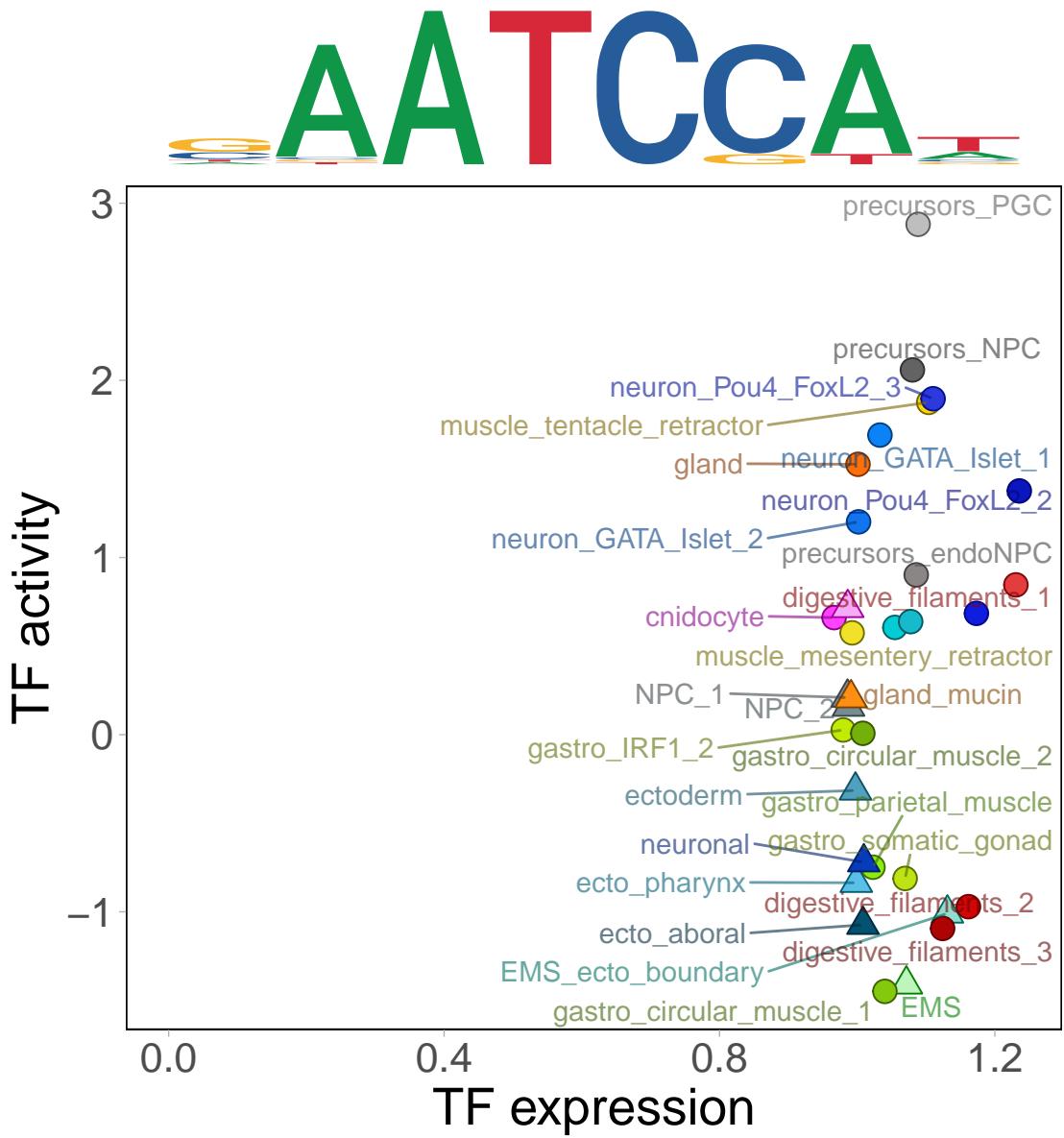
Nvec_vc1.1_XM_048722754.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2_11/zf-C2H2/
motif: ARCH1253_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.0845
gene score correlation: 0.8183



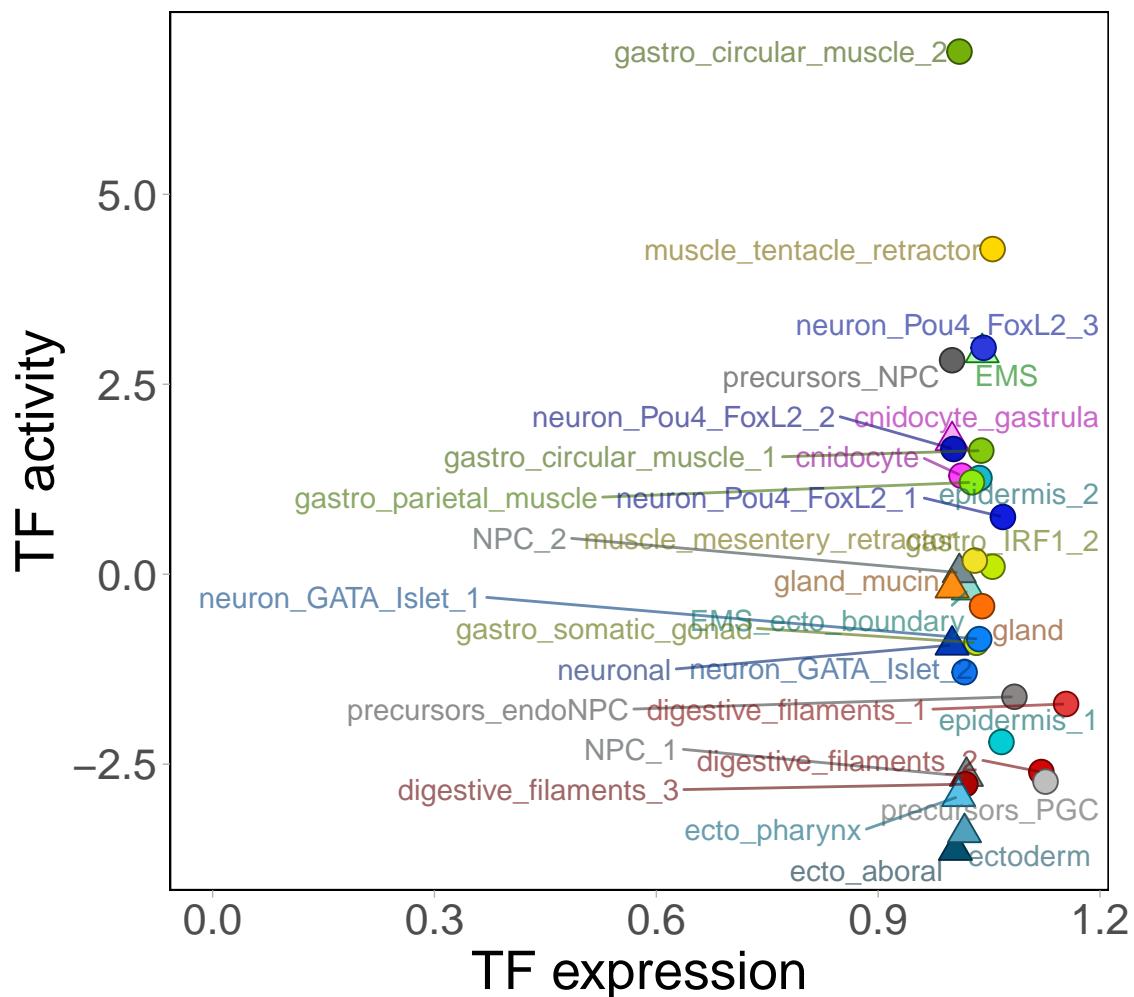
Nvec_vc1.1_XM_048722777.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH523_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2310
gene score correlation: 0.7755



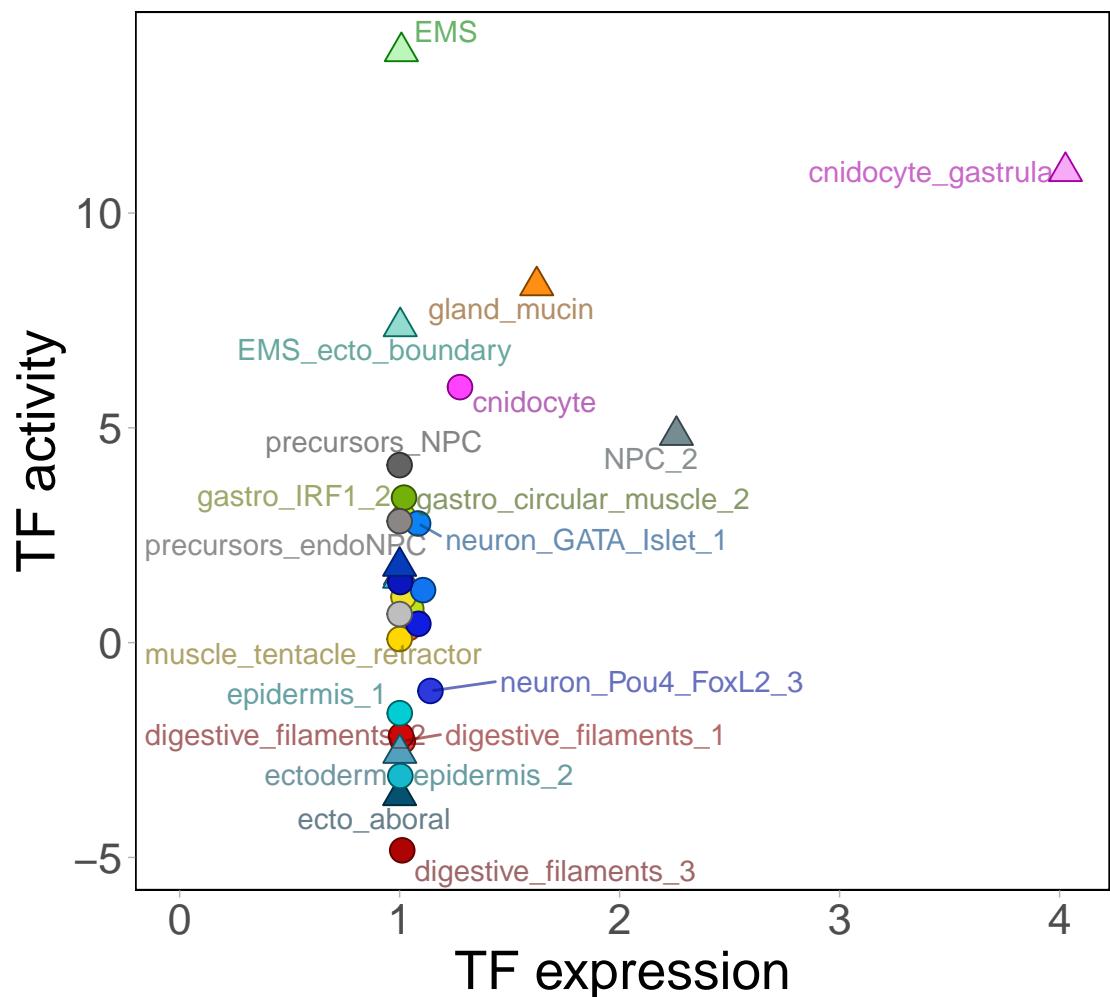
Nvec_vc1.1_XM_048722810.1
OG: Myb.HG1.5:like:DNAJC1/DNAJC2
PFAM: Myb_DNA-bind_4
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 76
gene expression correlation: 0.1499
gene score correlation: 0.0083



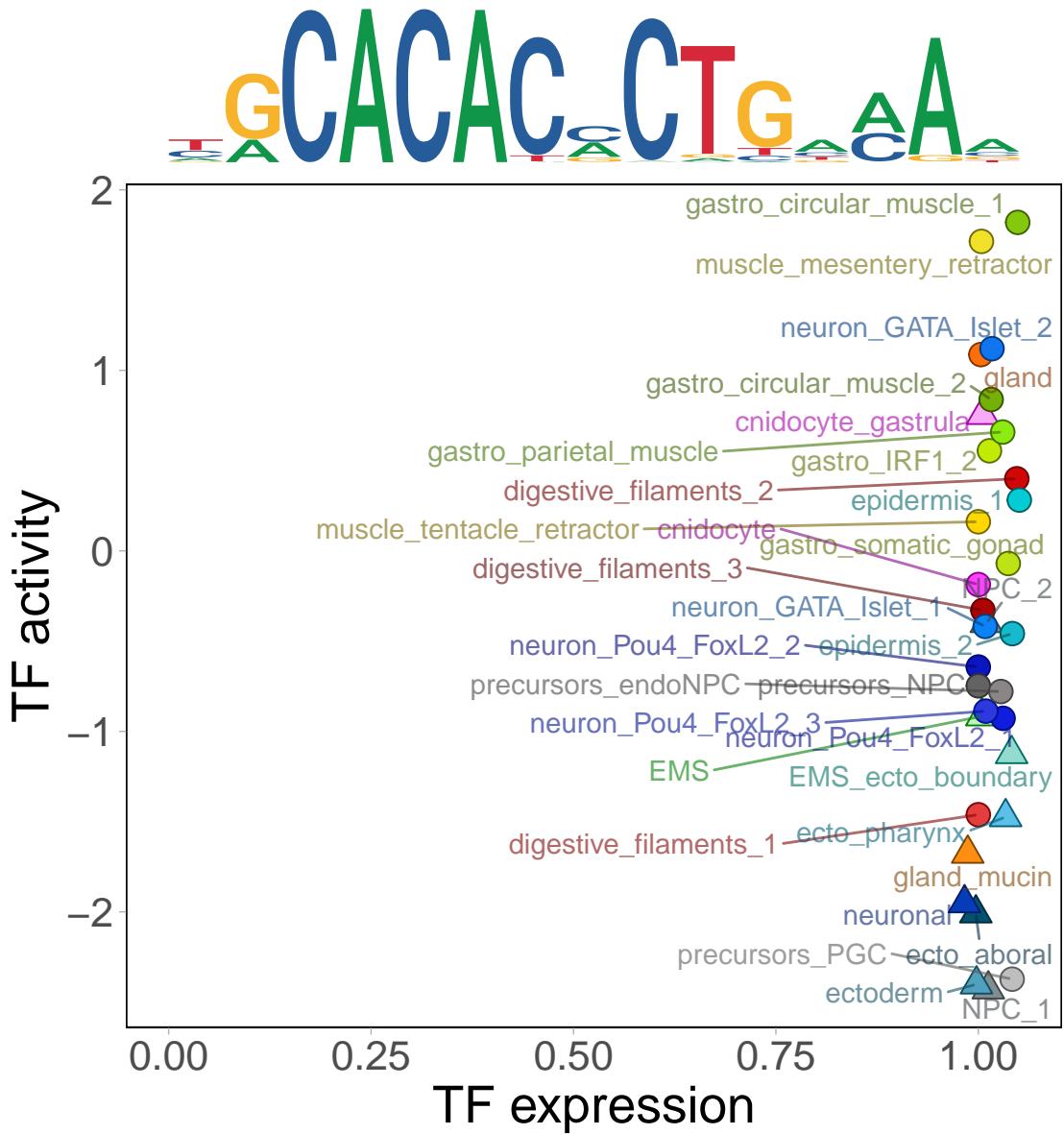
Nvec_vc1.1_XM_048723038.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2_11/
motif: ARCH702_Zic1::Zic2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 9
gene expression correlation: -0.2375
gene score correlation: 0.4501



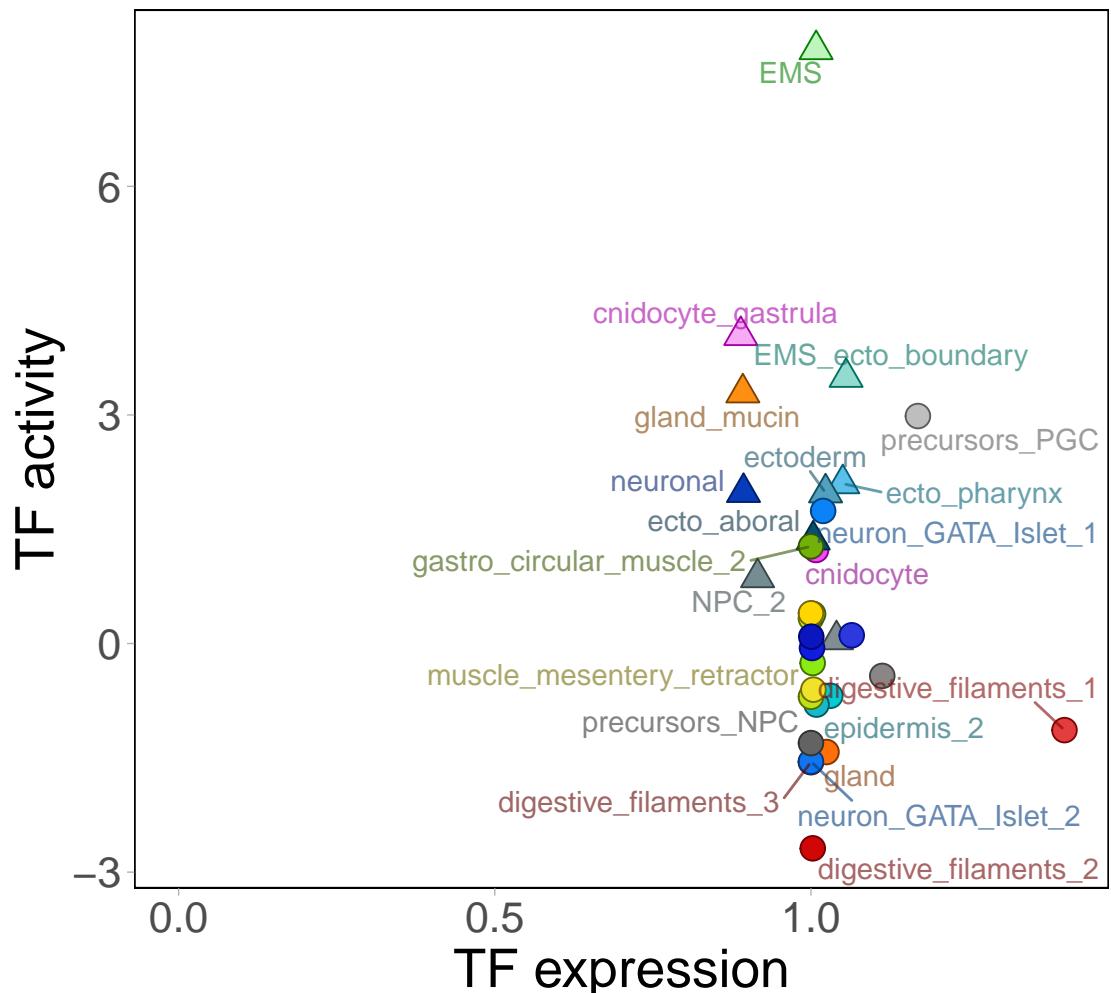
Nvec_vc1.1_XM_048723046.1
OG: bZIP.HG1.14:like:CREB3/CREB3L
PFAM: bZIP_1
motif: M01812_2.00
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.4935
gene score correlation: 0.4464



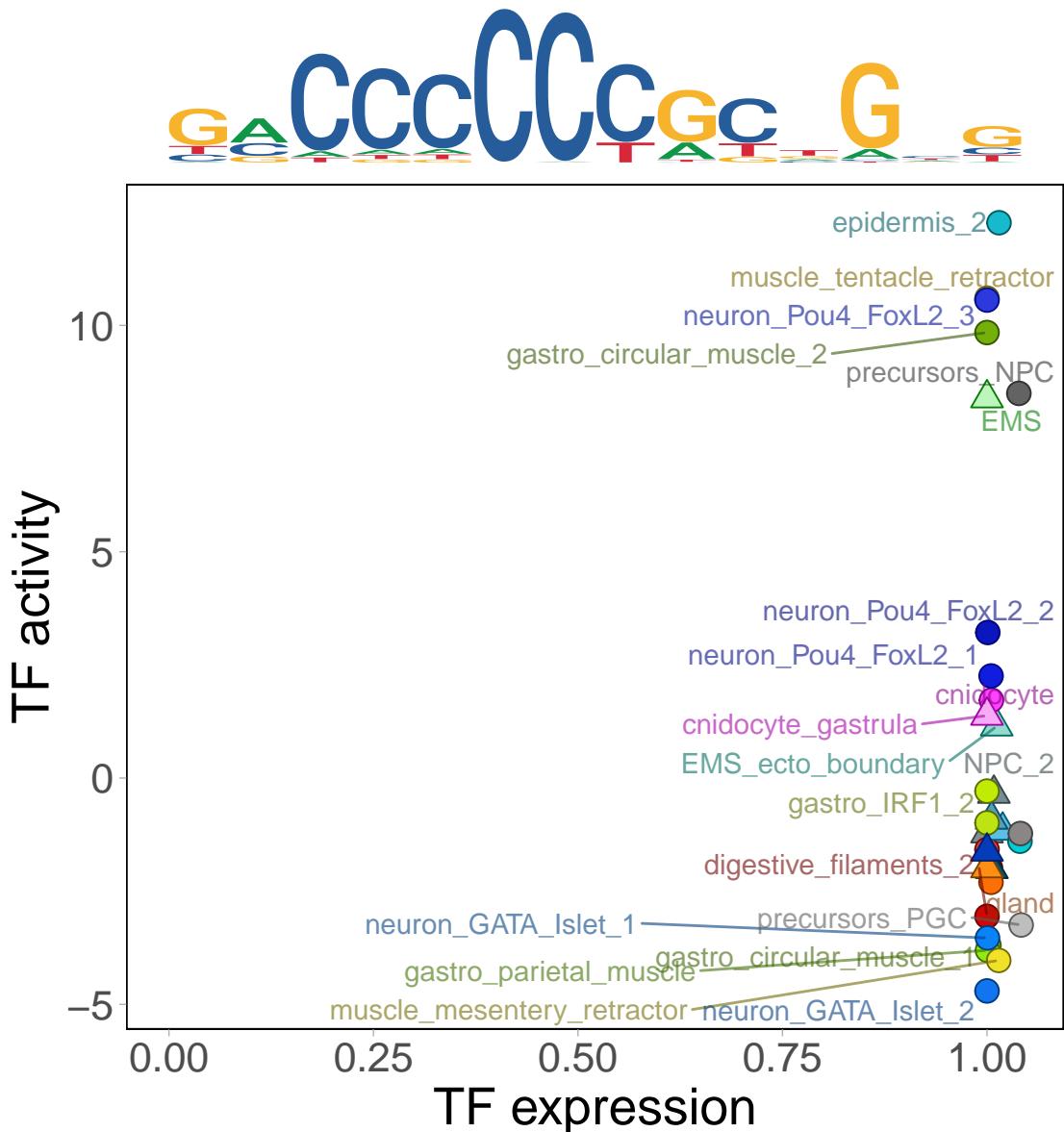
Nvec_vc1.1_XM_048723108.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1368_M04483_2.00__M04
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 626
gene expression correlation: 0.2425
gene score correlation: 0.1961



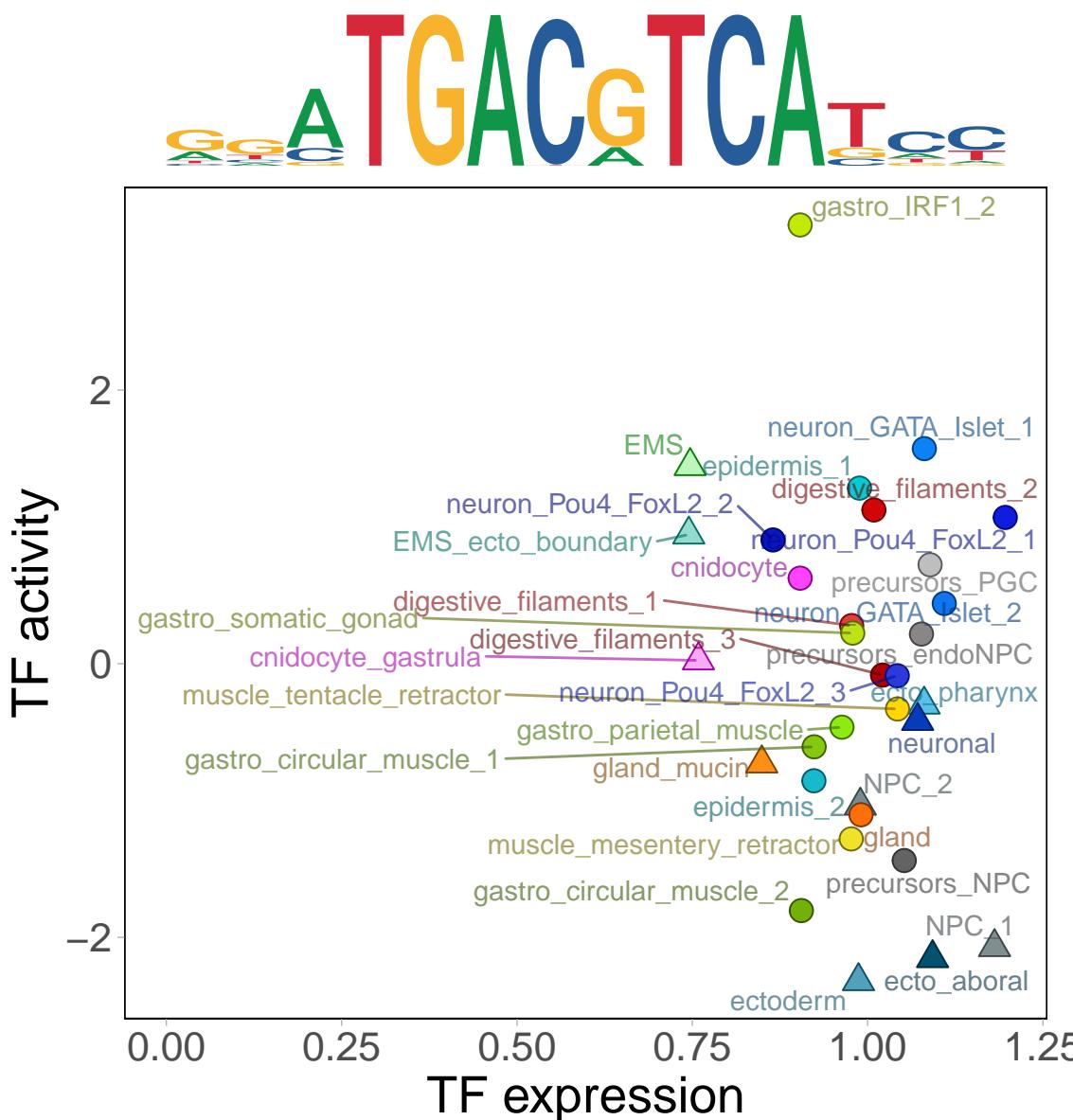
Nvec_vc1.1_XM_048723109.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2_11/zf-C2H2/zf-C2H2/
motif: ARCH529_Rslcan18/Gm28557/Z
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 935
gene expression correlation: -0.1961
gene score correlation: -0.3339



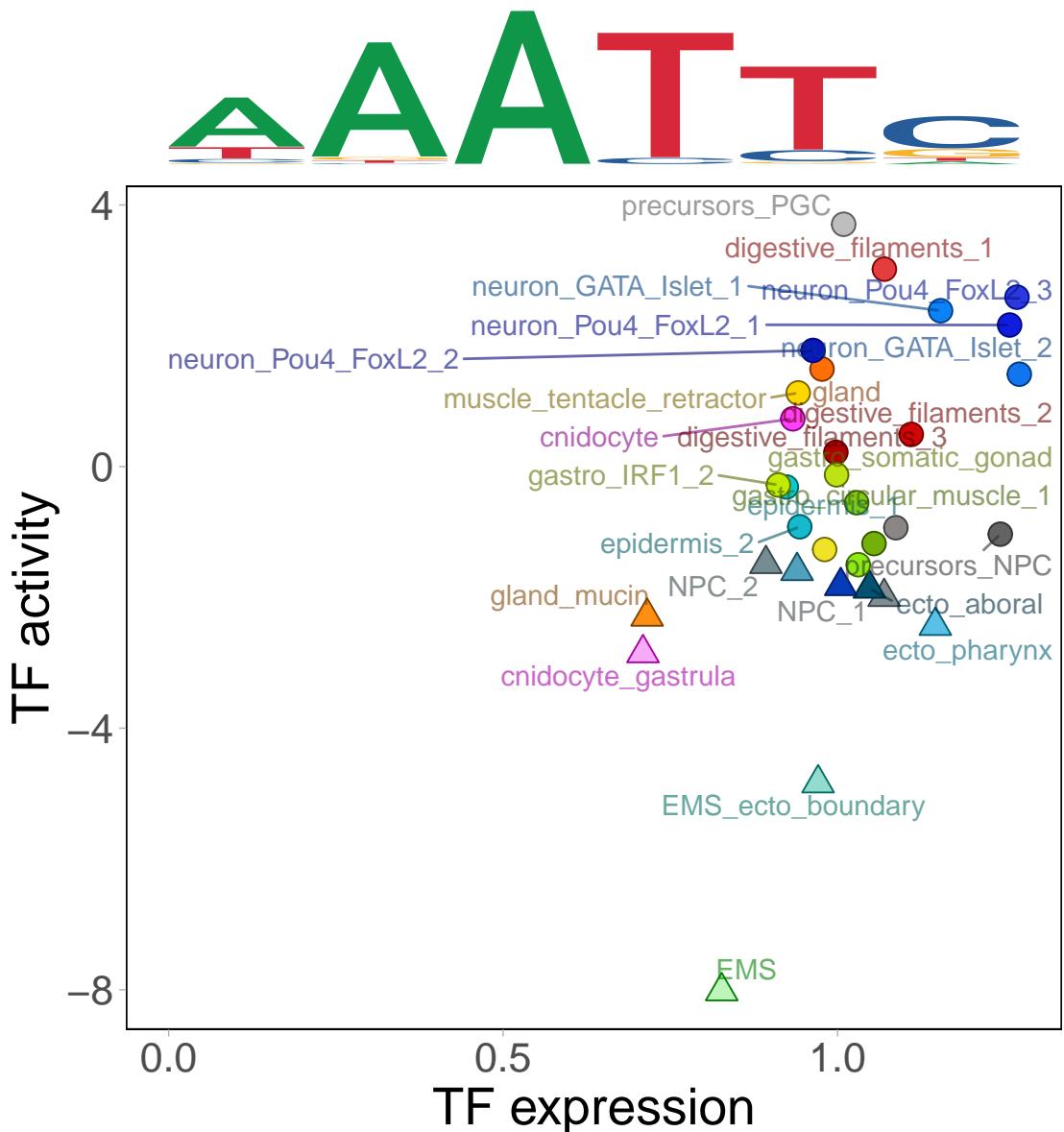
Nvec_vc1.1_XM_048723111.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH353_M06062_2.00__M064
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: -0.0161
gene score correlation: 0.5602



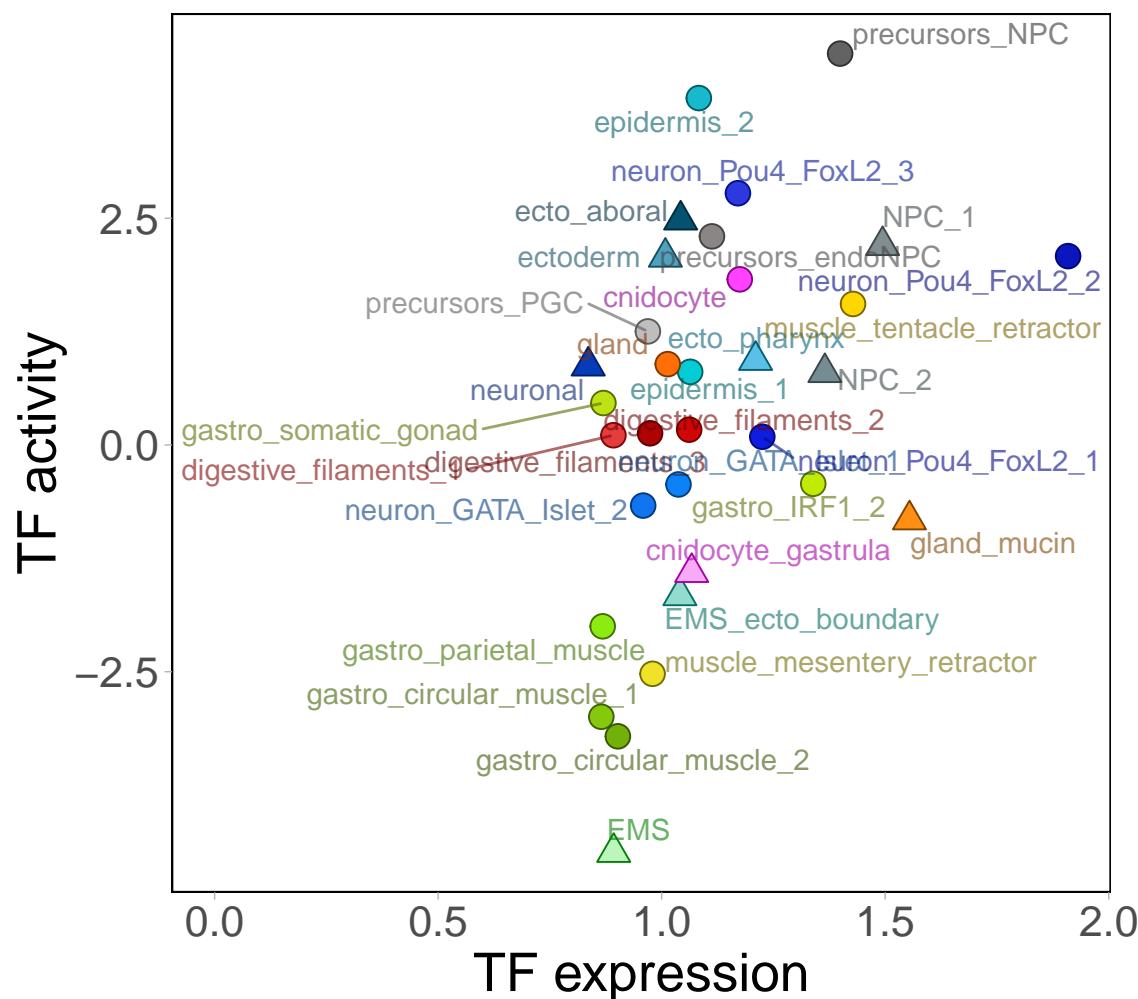
Nvec_vc1.1_XM_048723364.1
OG: bZIP.HG2.0:like:CEBPA/CEBPB/C
PFAM: bZIP_2
motif: ARCH1605_Atf4/Atf5
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 34
gene expression correlation: -0.2150
gene score correlation: 0.4350



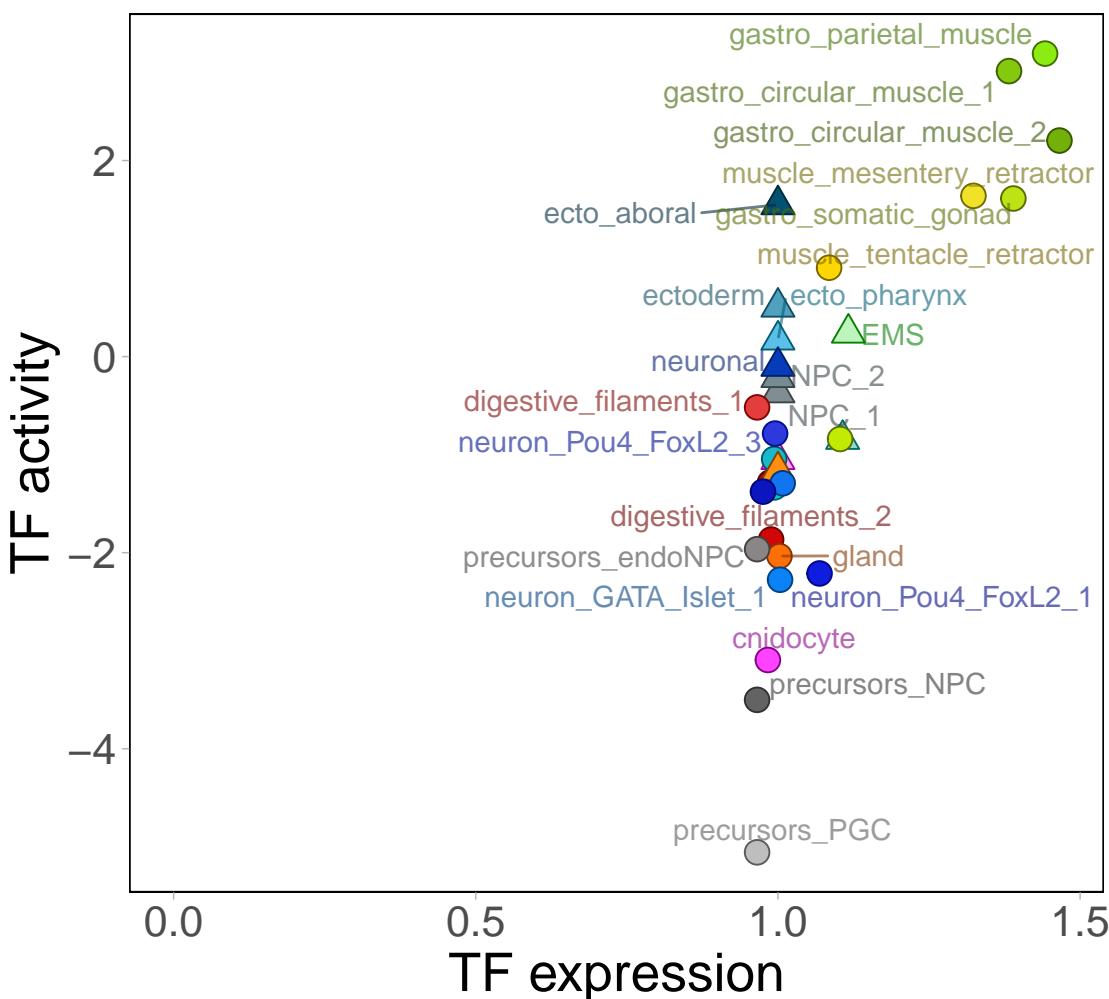
Nvec_vc1.1_XM_048723770.1
OG: HMGbox_Sox.HG1.49:SMARCE1
PFAM: HMG_box
motif: ARCH76_CES-1_PB0171.1_Sc
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 188
gene expression correlation: 0.4654
gene score correlation: 0.2237



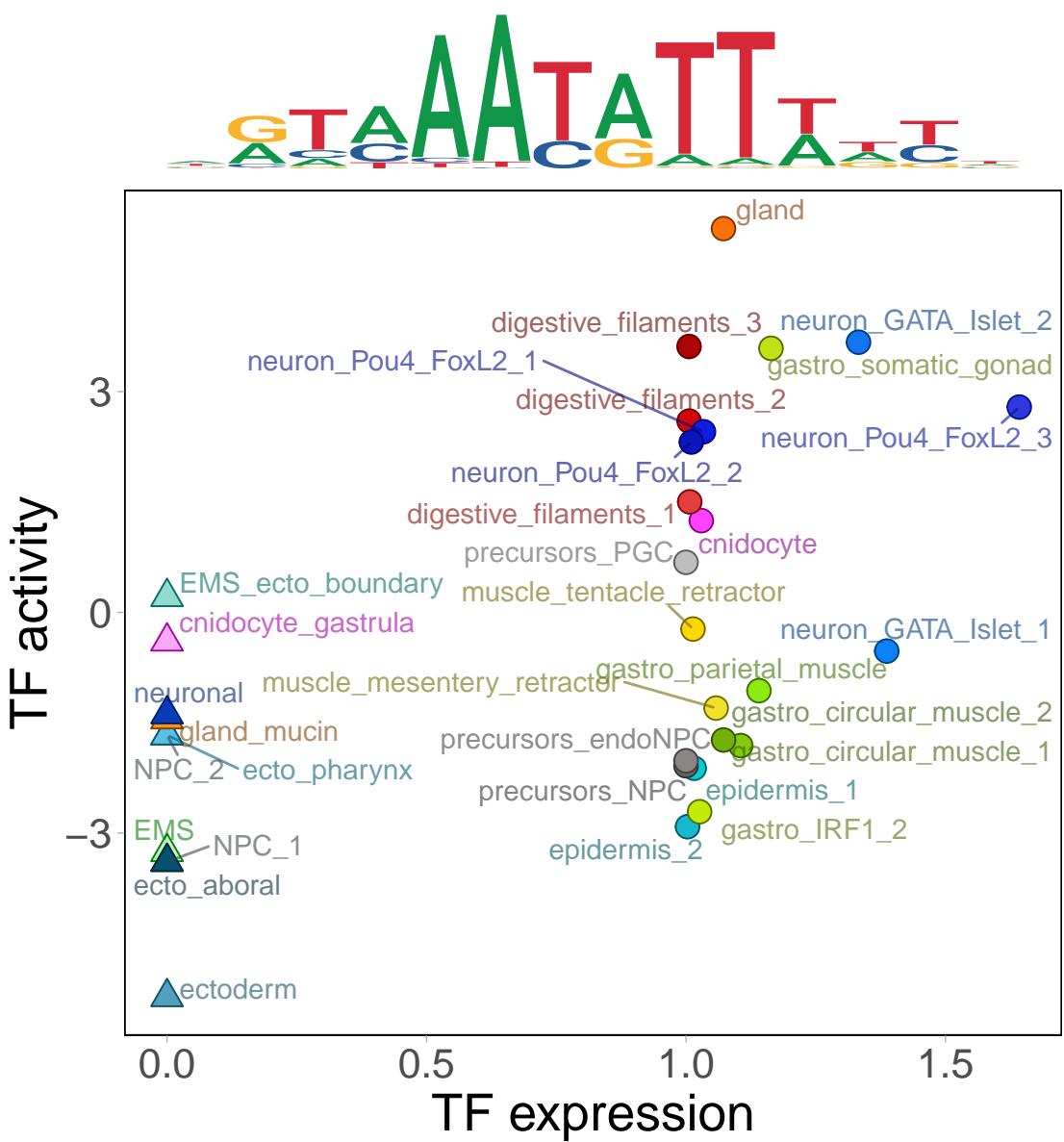
Nvec_vc1.1_XM_048723945.1
OG: Forkhead.HG1.16:FOXN2/FOXN3
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4302
gene score correlation: 0.5768



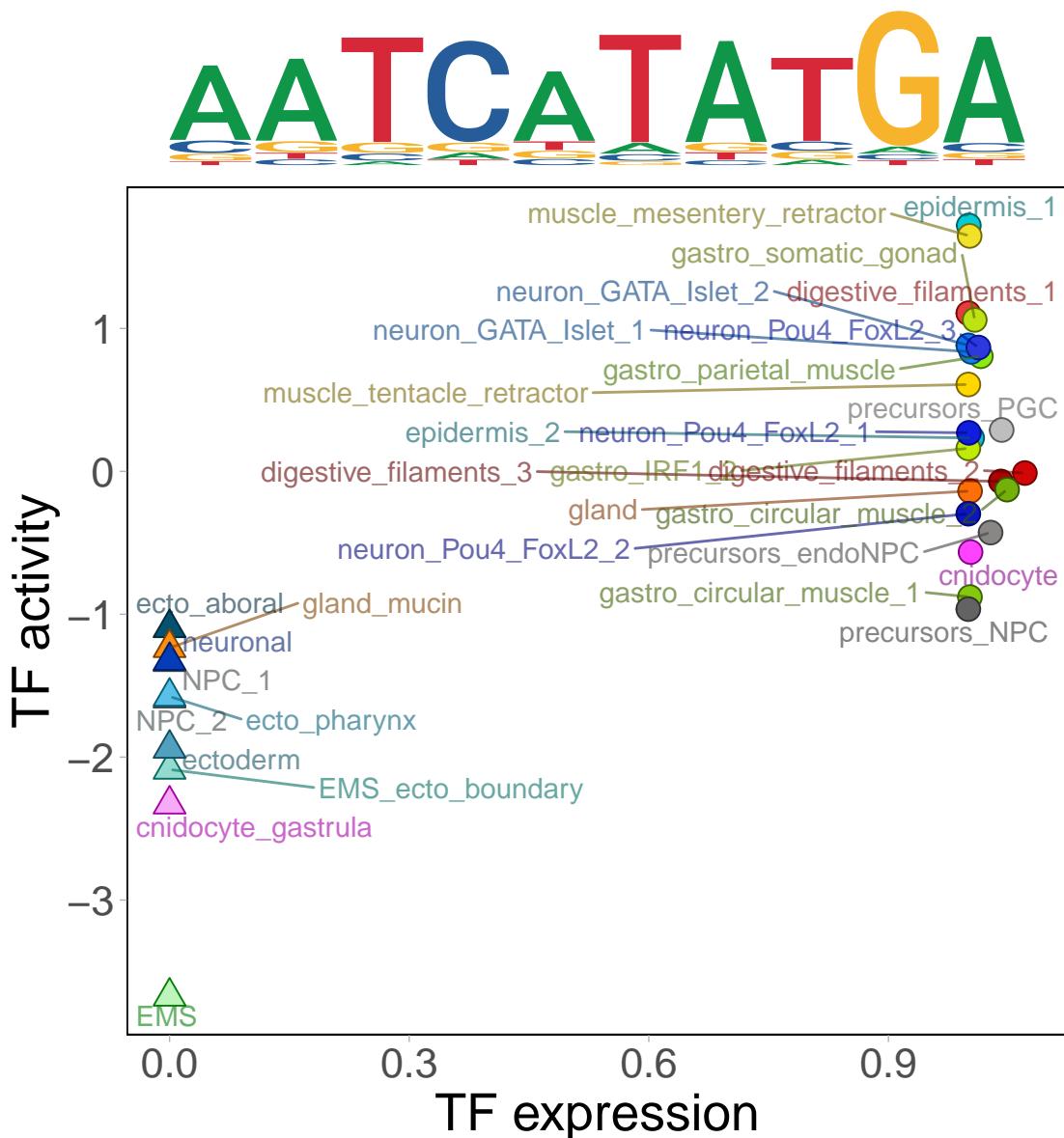
Nvec_vc1.1_XM_048724012.1
OG: zf-C2H2.HG4.10:GLI1/GLI2/GLI3
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1043_ZNF652
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 186
gene expression correlation: 0.7443
gene score correlation: 0.6776



Nvec_vc1.1_XM_048724319.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/FoxP
PFAM: Forkhead
motif: M03042_2.00
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.5297
gene score correlation: 0.0529



Nvec_vc1.1_XM_048724372.1
OG: HLH.HG1.79:MEP1/MEP2/MSG
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 914
gene expression correlation: 0.8027
gene score correlation: -0.0028



Nvec_vc1.1_XM_048724605.1

OG: Myb.HG6.0:BDP1

PFAM: Myb_DNA-bind_7

motif: ARCH1526_Mybl2/Myb/Mybl1

TF family: Myb

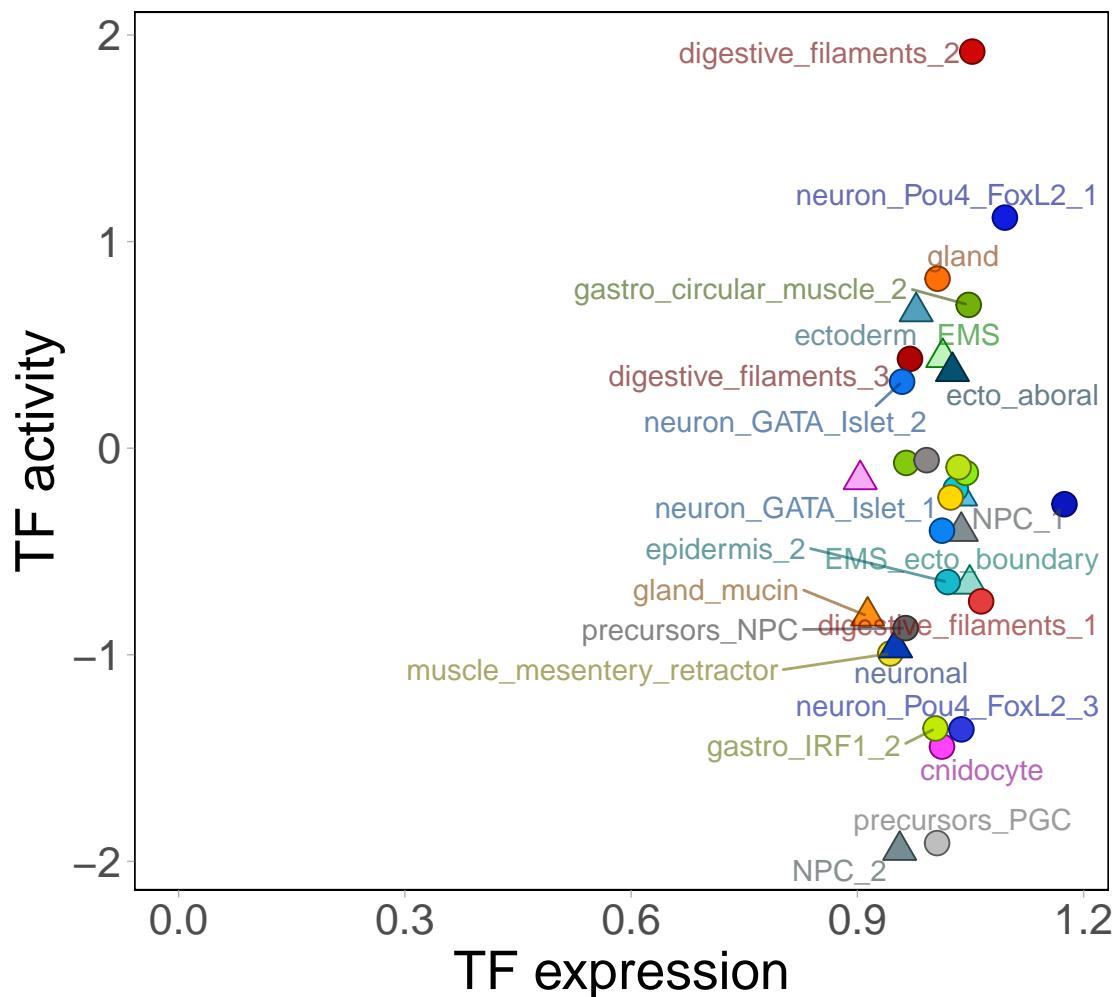
archetype family: Myb

CisBP assigned: FALSE

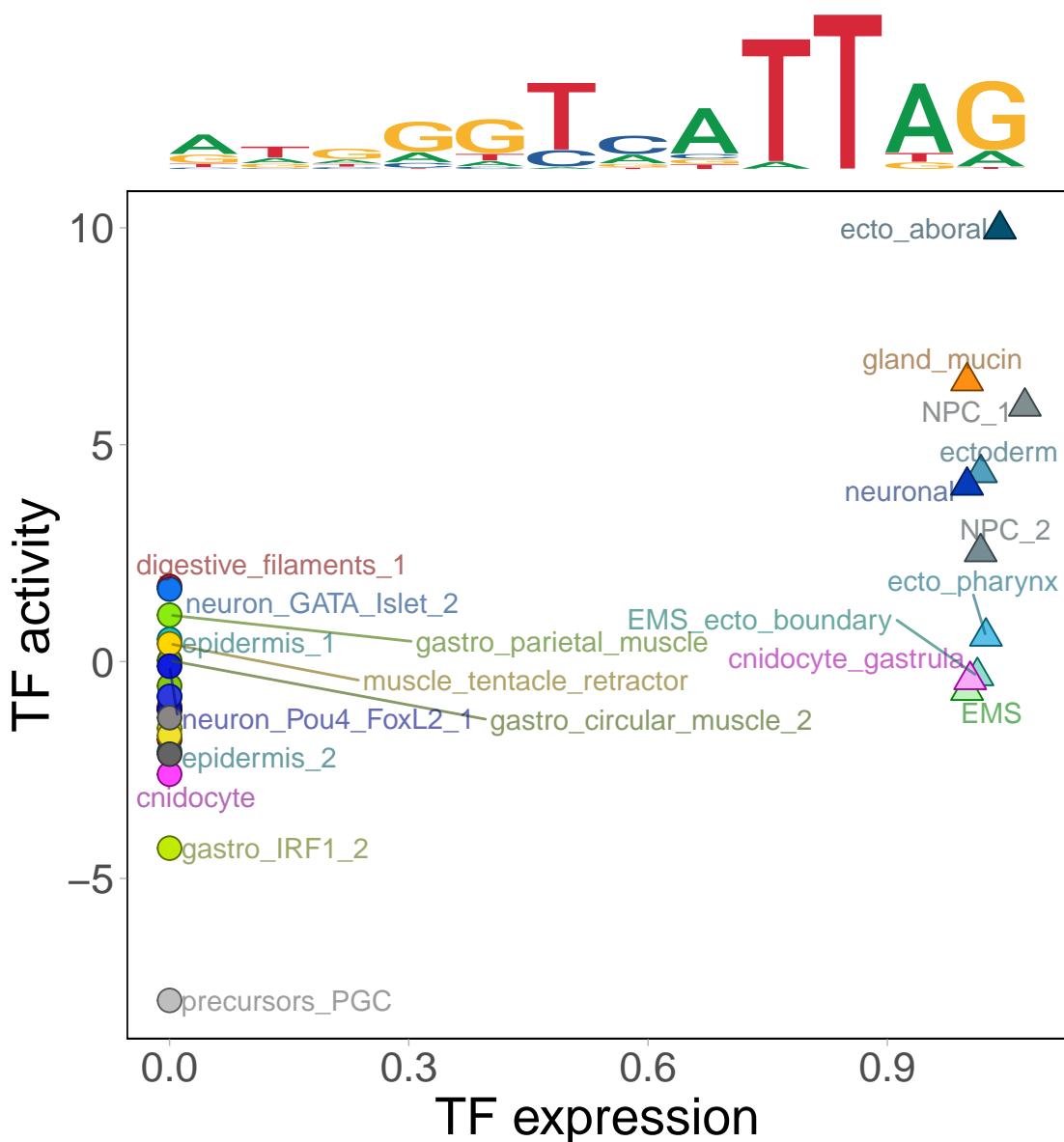
rank: 29

gene expression correlation: 0.2433

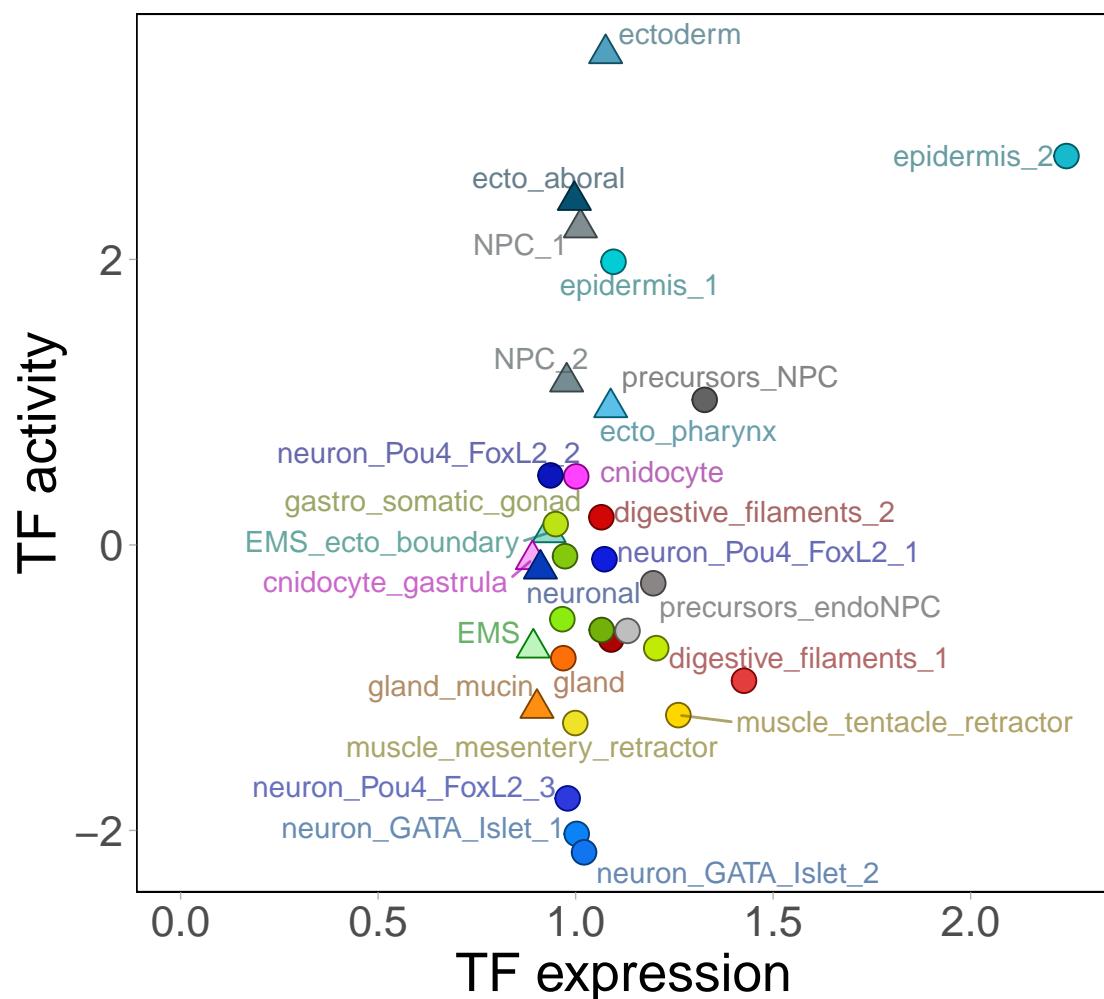
gene score correlation: 0.0411



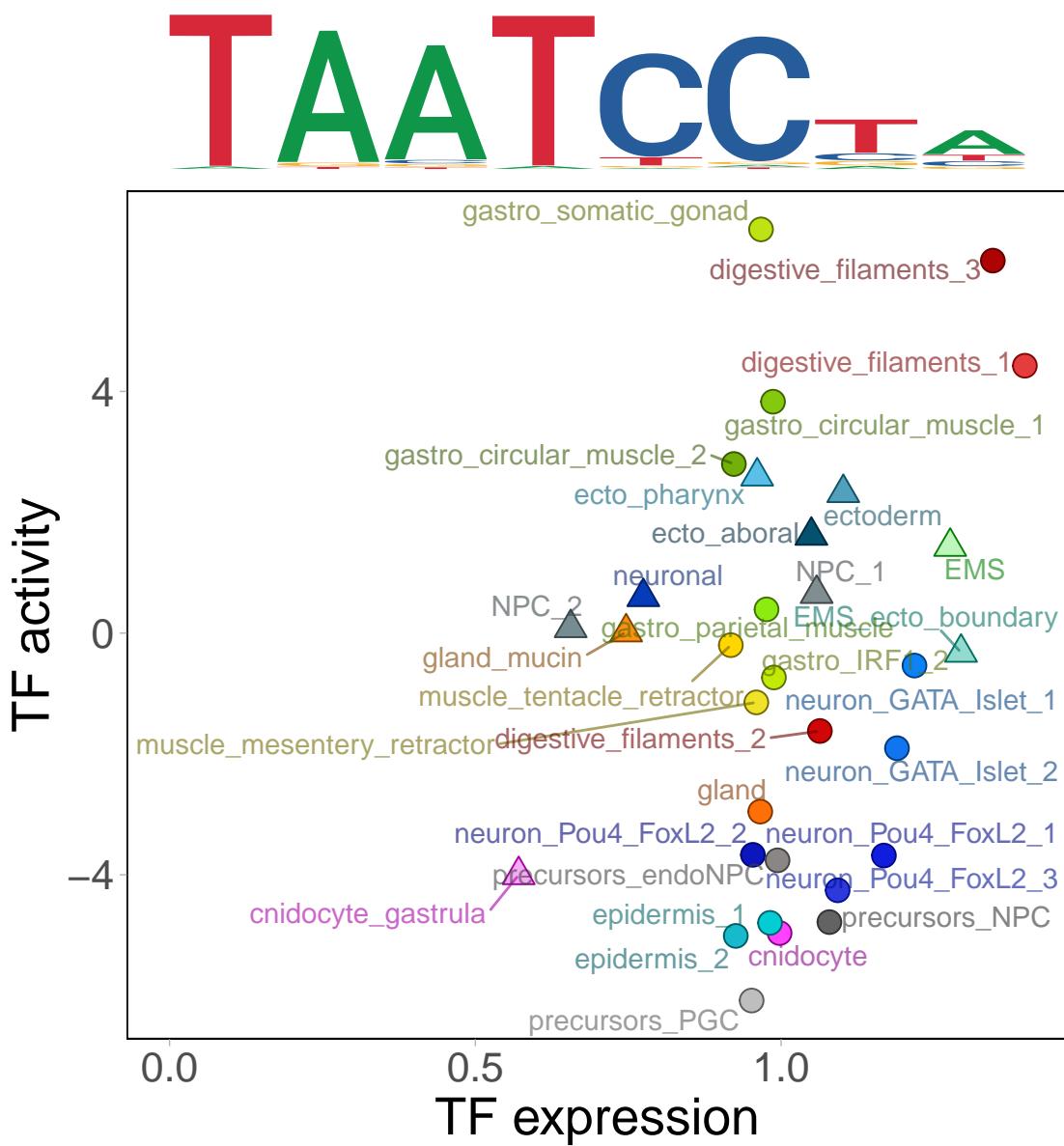
Nvec_vc1.1_XM_048724756.1
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 76
gene expression correlation: 0.6363
gene score correlation: 0.4792



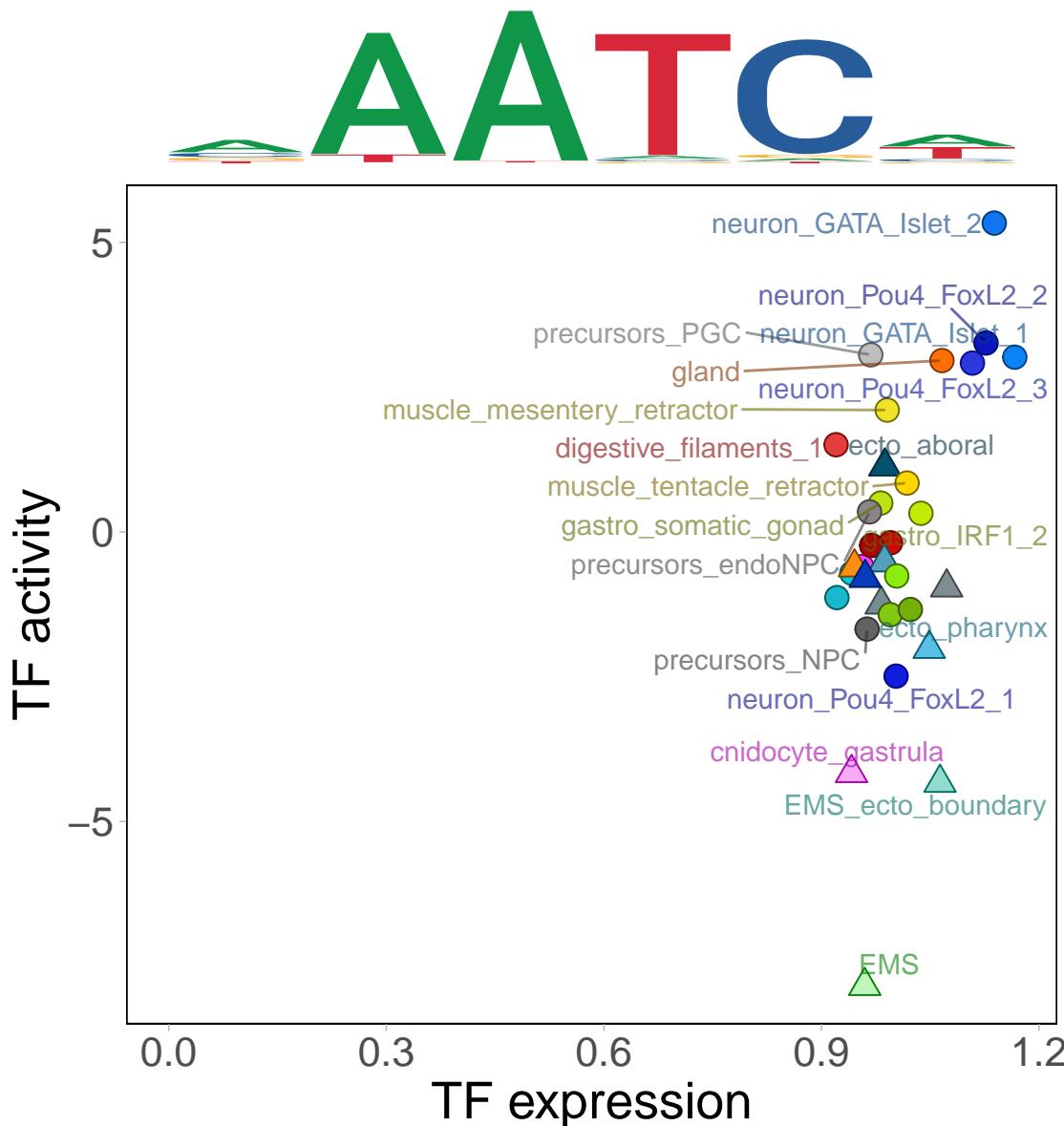
Nvec_vc1.1_XM_048724796.1
OG: HLH.HG1.107:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 60
gene expression correlation: 0.3102
gene score correlation: 0.3625



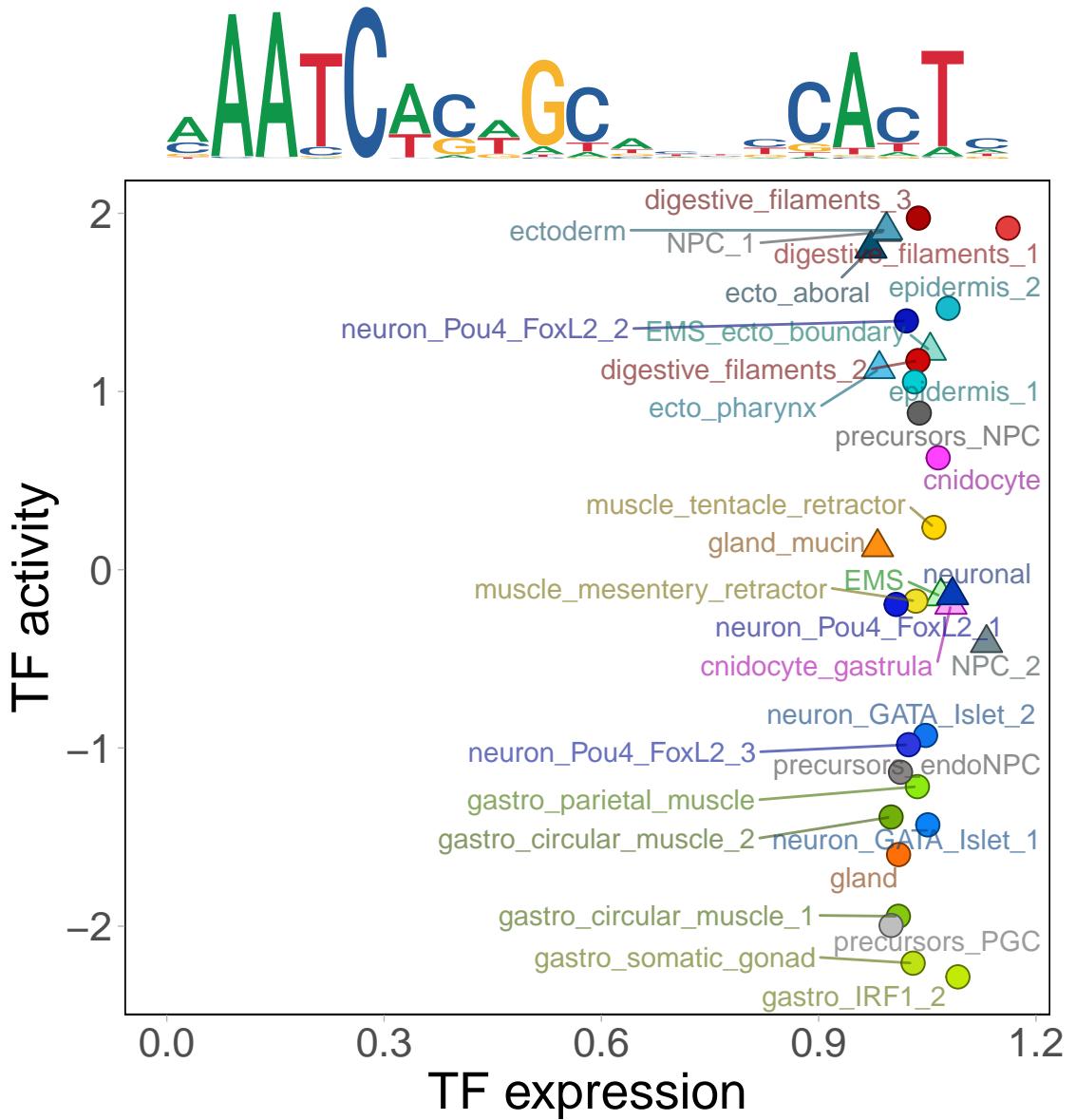
Nvec_vc1.1_XM_048724840.1
OG: Homeodomains.HG1.11:like:AC004
PFAM: Homeodomain
motif: ARCH1437_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2627
gene score correlation: 0.4903



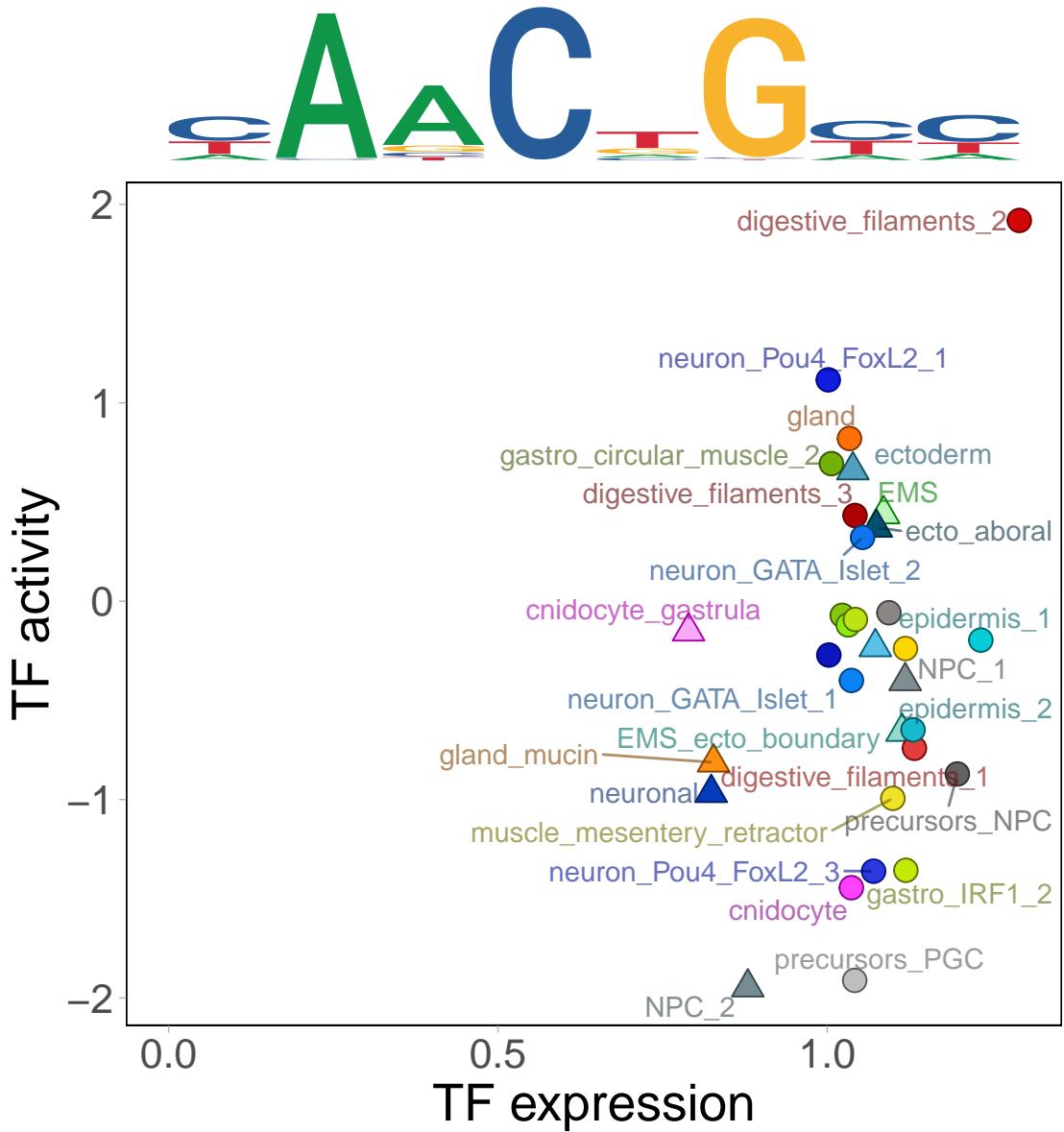
Nvec_vc1.1_XM_048725325.1
OG: zf-C2H2.HG1.1:like:AC008758.1/A
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1200_Zfp760/Zfp770
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 21
gene expression correlation: 0.4683
gene score correlation: 0.2288



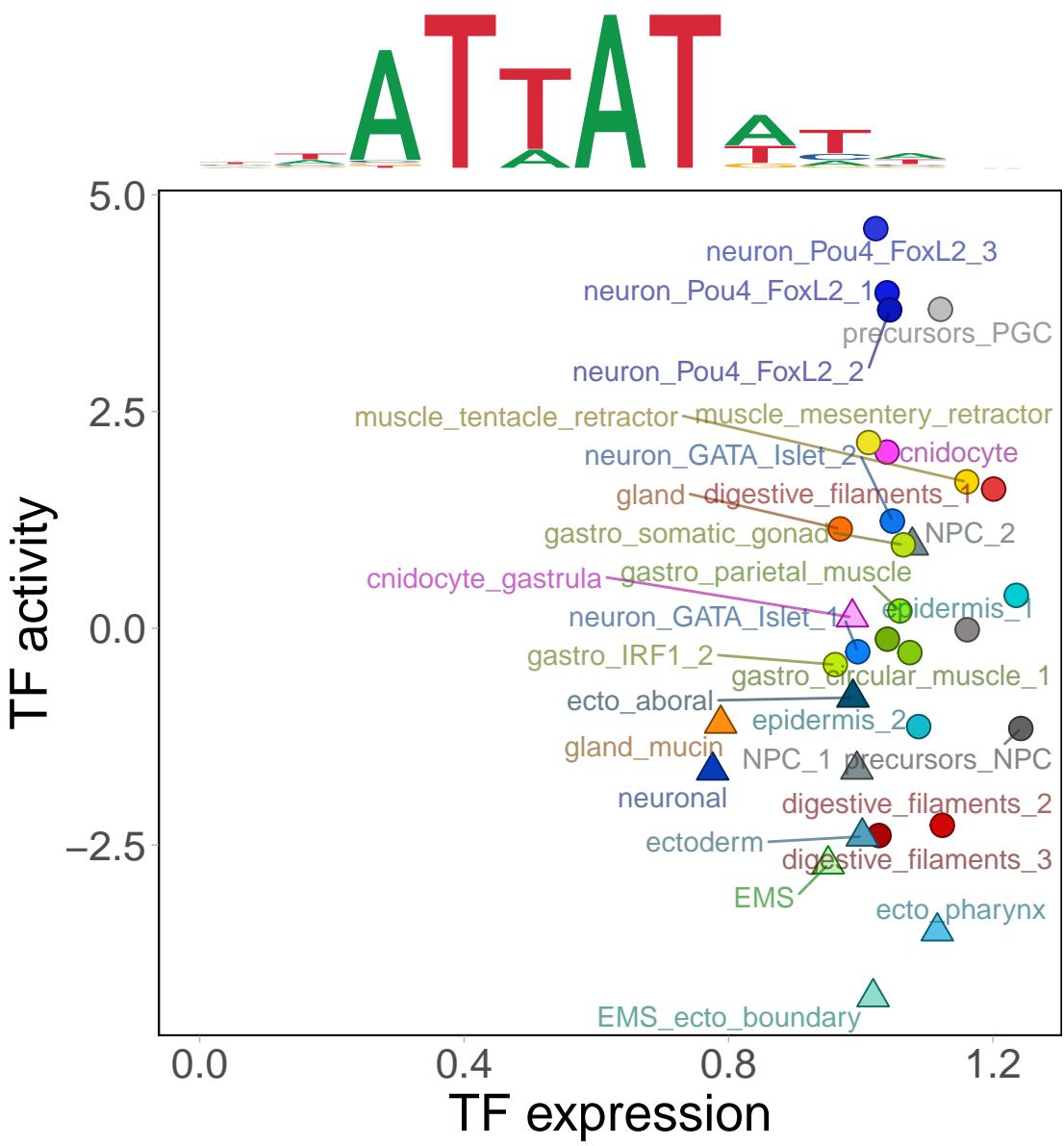
Nvec_vc1.1_XM_048725461.1
OG: zf-C2H2.HG1.72:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.0190
gene score correlation: 0.0914



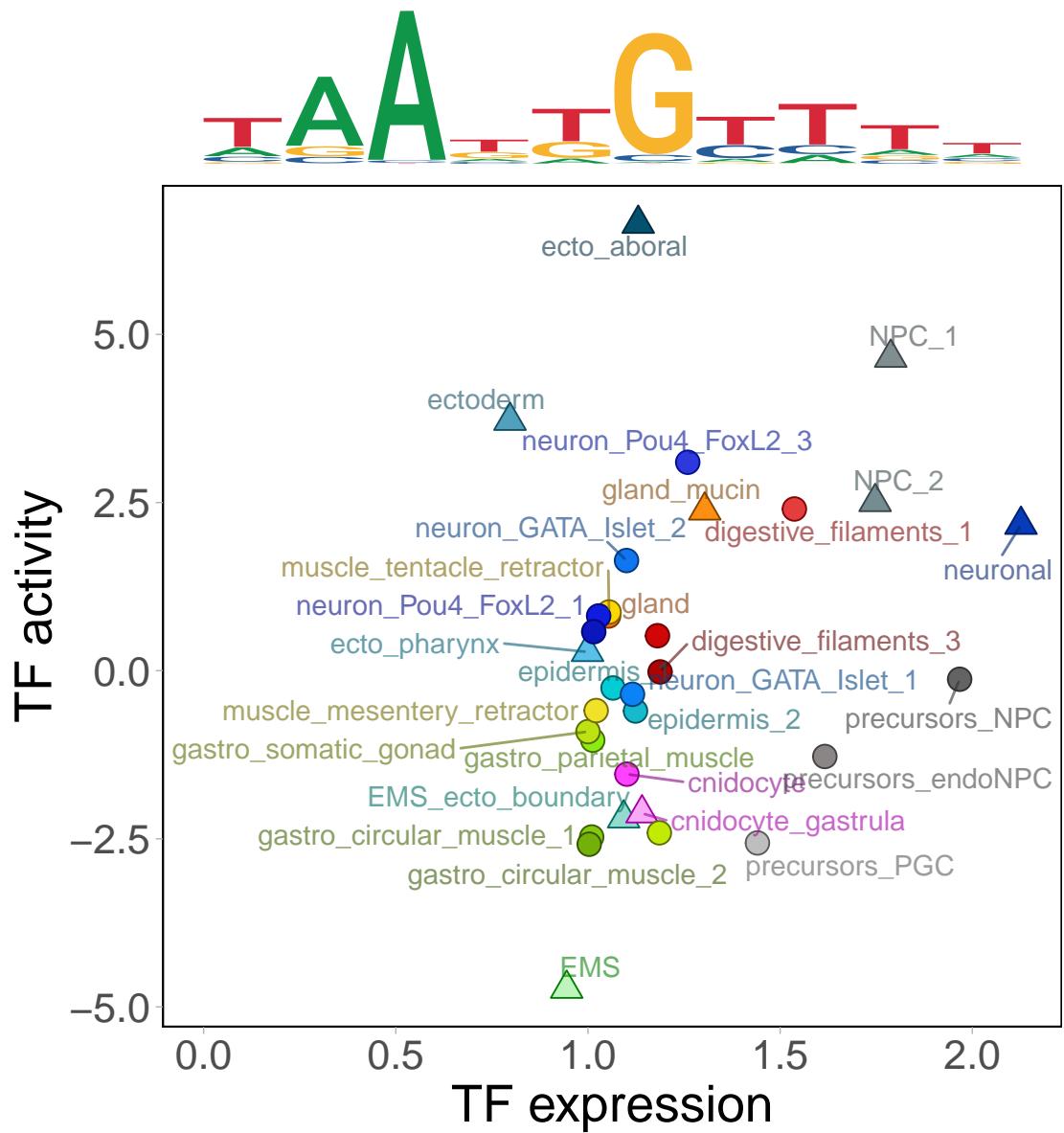
Nvec_vc1.1_XM_048725593.1
OG: Myb.HG1.3:MYB/MYBL1/MYBL2
PFAM: Myb_DNA-binding/Myb_DNA-b
motif: ARCH1526_Mybl2/Myb/Mybl1
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 607
gene expression correlation: 0.2386
gene score correlation: -0.2742



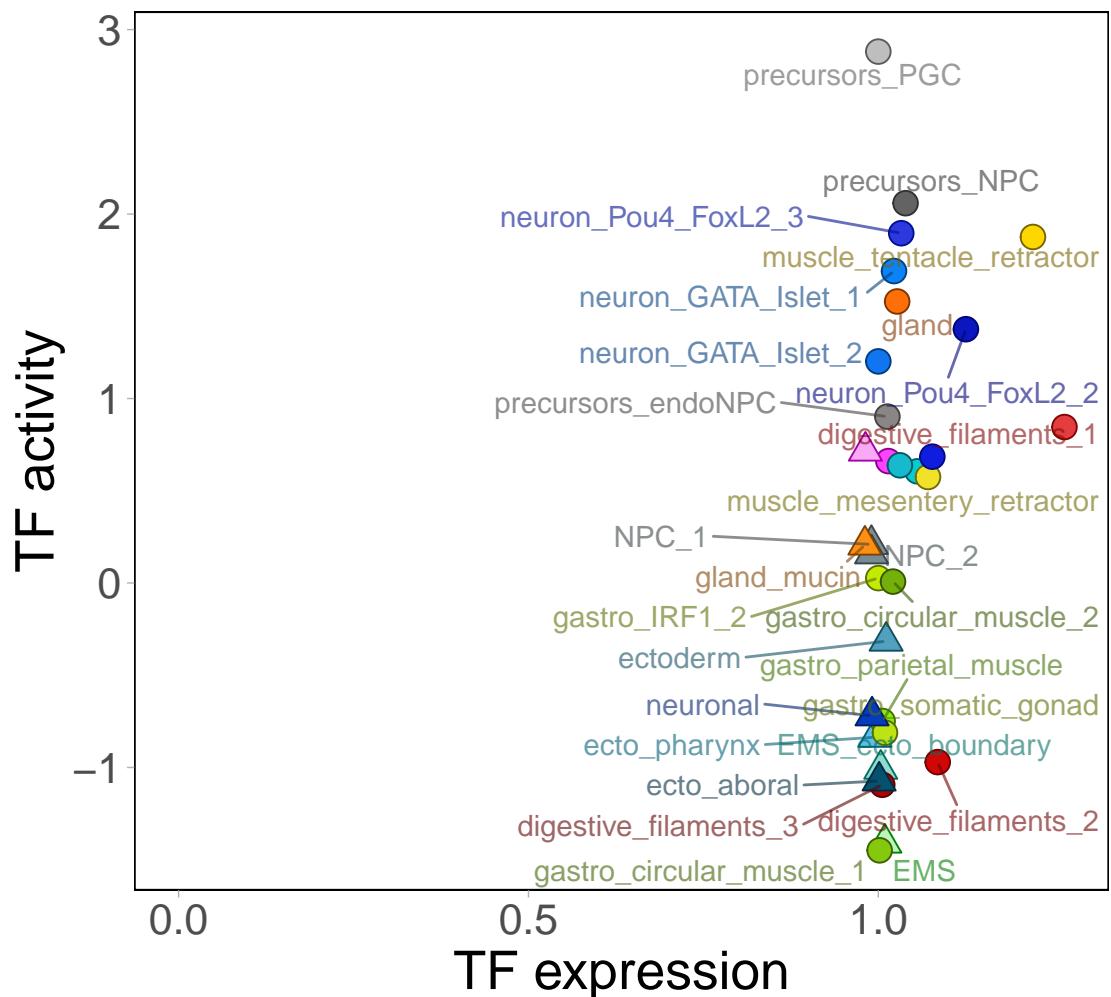
Nvec_vc1.1_XM_048725617.1
OG: HMGbox_Sox.HG1.57:like:HMG20
PFAM: HMG_box/zf-met
motif: M02487_2.00
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1819
gene score correlation: 0.1412



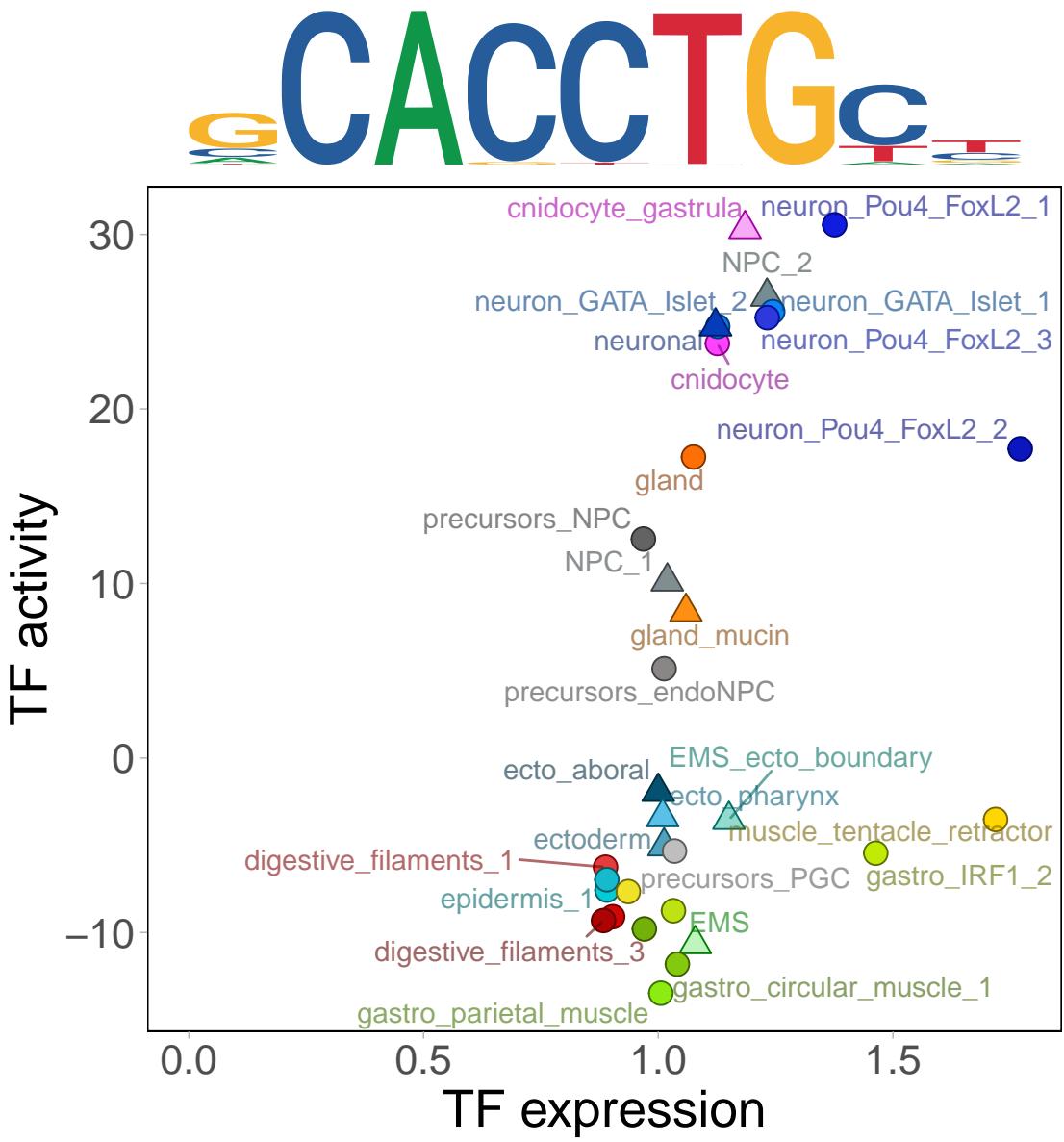
Nvec_vc1.1_XM_048725765.1
OG: Homeodomains.HG2.21:like:LEUT
PFAM: CUTL/Homeodomain
motif: ARCH42_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 129
gene expression correlation: 0.2814
gene score correlation: 0.3532



Nvec_vc1.1_XM_048726087.1
OG: Myb.HG2.5:NA
PFAM: MADF_DNA_bdg/BESS
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 13
gene expression correlation: 0.3190
gene score correlation: 0.0740



Nvec_vc1.1_XM_048726174.1
OG: zf-C2H2.HG6.2:MYT1/MYT1L/ST1
PFAM: zf-C2HC/zf-C2HC/zf-C2HC/zf-
motif: ARCH530_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.4053
gene score correlation: 0.5844



Nvec_vc1.1_XM_048726224.1

OG: Myb.HG1.22:TADA2A

PFAM: Myb_DNA-binding

motif: ARCH1379_MYB17

TF family: Myb

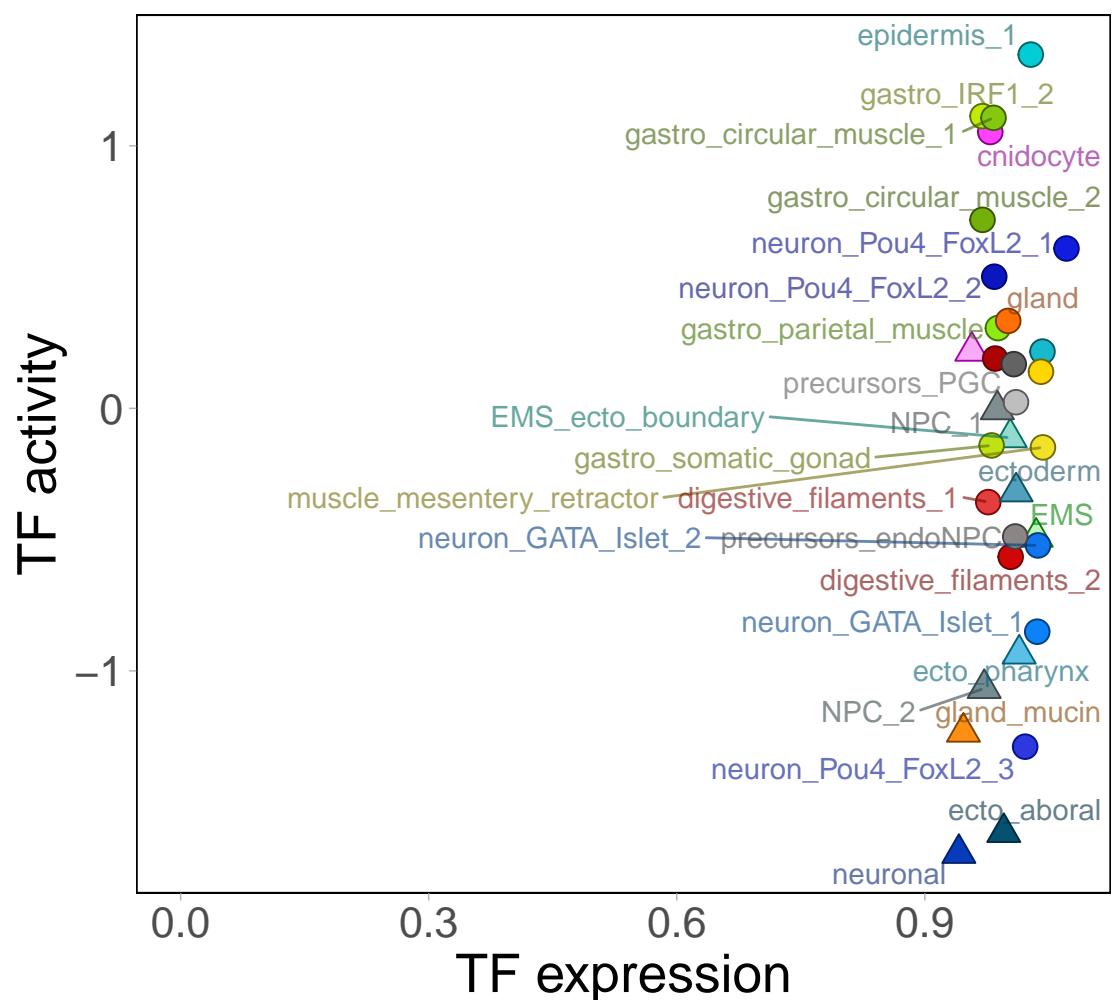
archetype family: Myb

CisBP assigned: FALSE

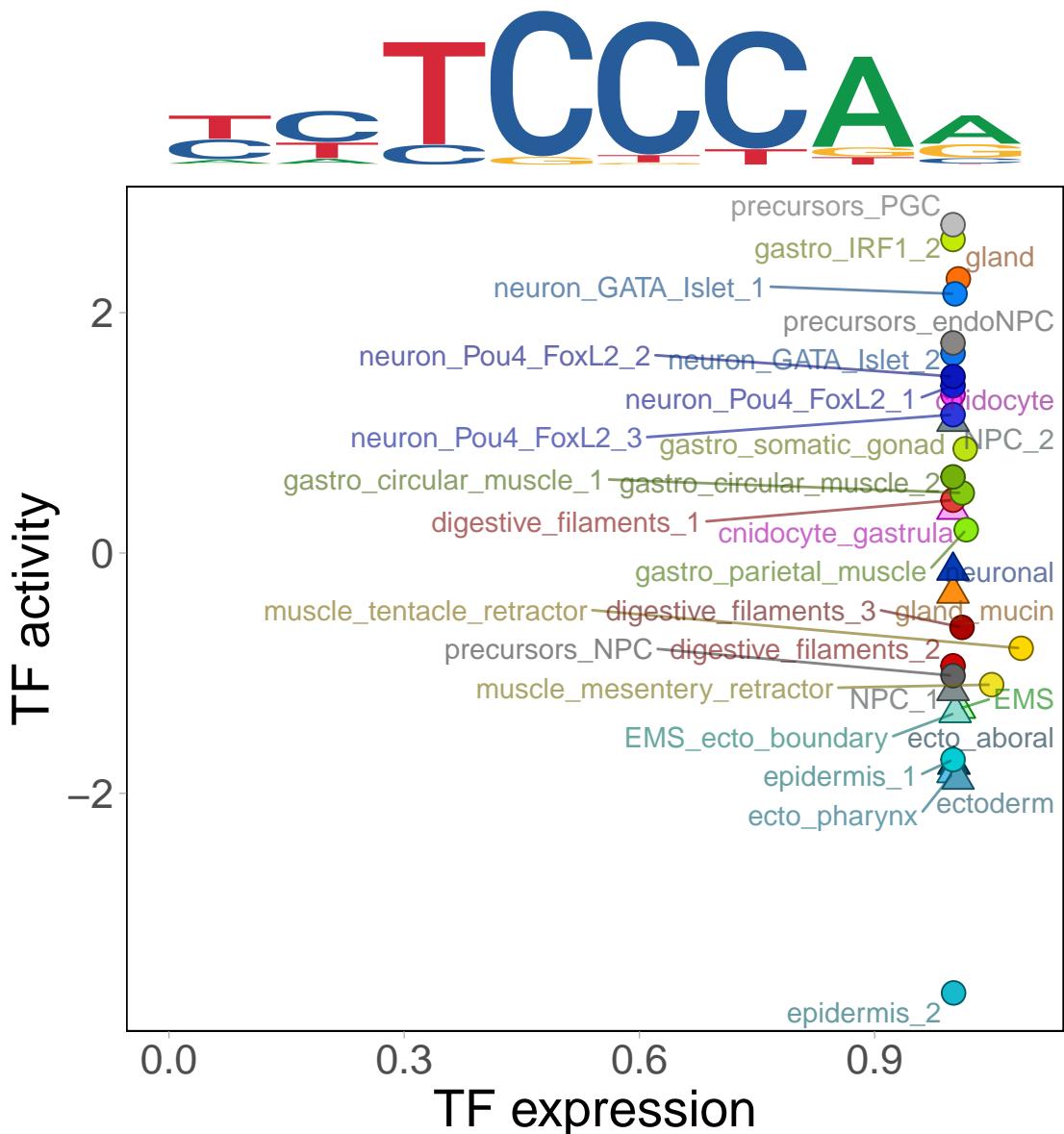
rank: 88

gene expression correlation: 0.0948

gene score correlation: 0.1348



Nvec_vc1.1_XM_048726734.1
OG: zf-C2H2.HG1.234:like:AC008758.1
PFAM: zf-C2H2/zf-C2H2/zf-H2C2_2/zf-H2C2_3
motif: ARCH822_M08939_2.00__M103
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 7
gene expression correlation: -0.1636
gene score correlation: 0.5183



Nvec_vc1.1_XM_048726881.1

OG: zf-C2H2.HG1.3:ZBTB3

PFAM: zf-C2H2

motif: ARCH1200_Zfp760/Zfp770

TF family: zf-C2H2

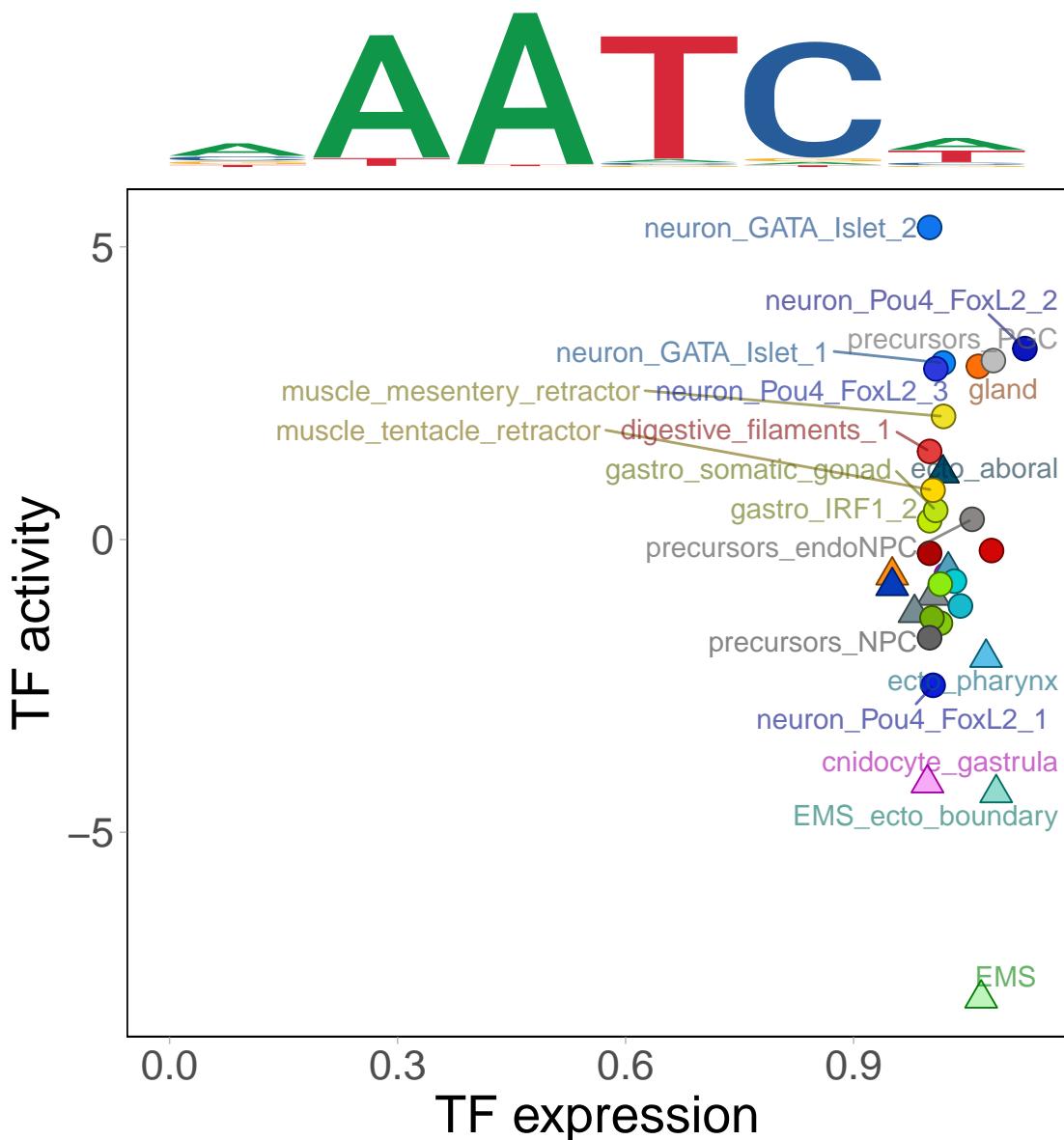
archetype family: zf-C2H2

CisBP assigned: TRUE

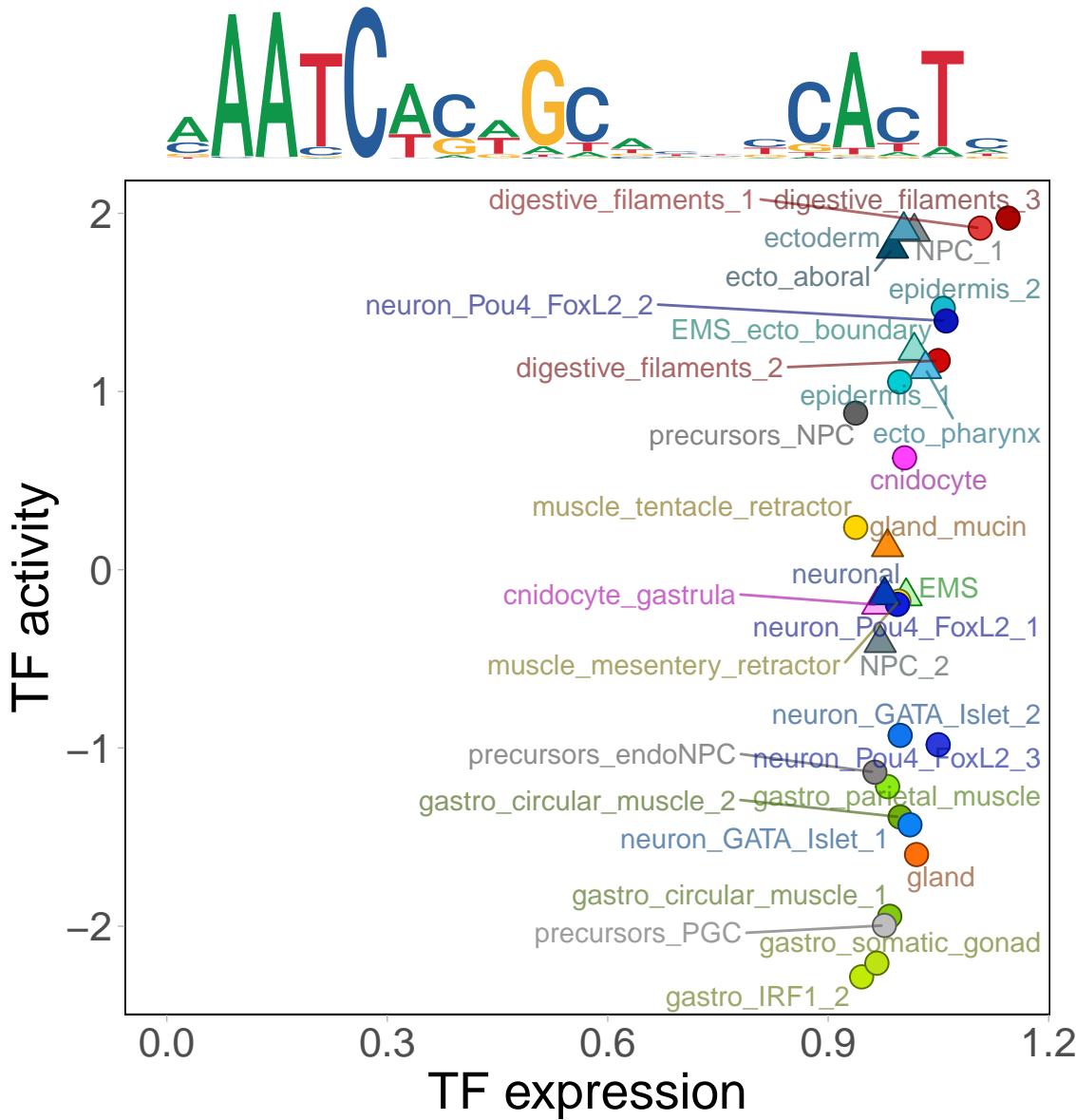
rank: 858

gene expression correlation: 0.0121

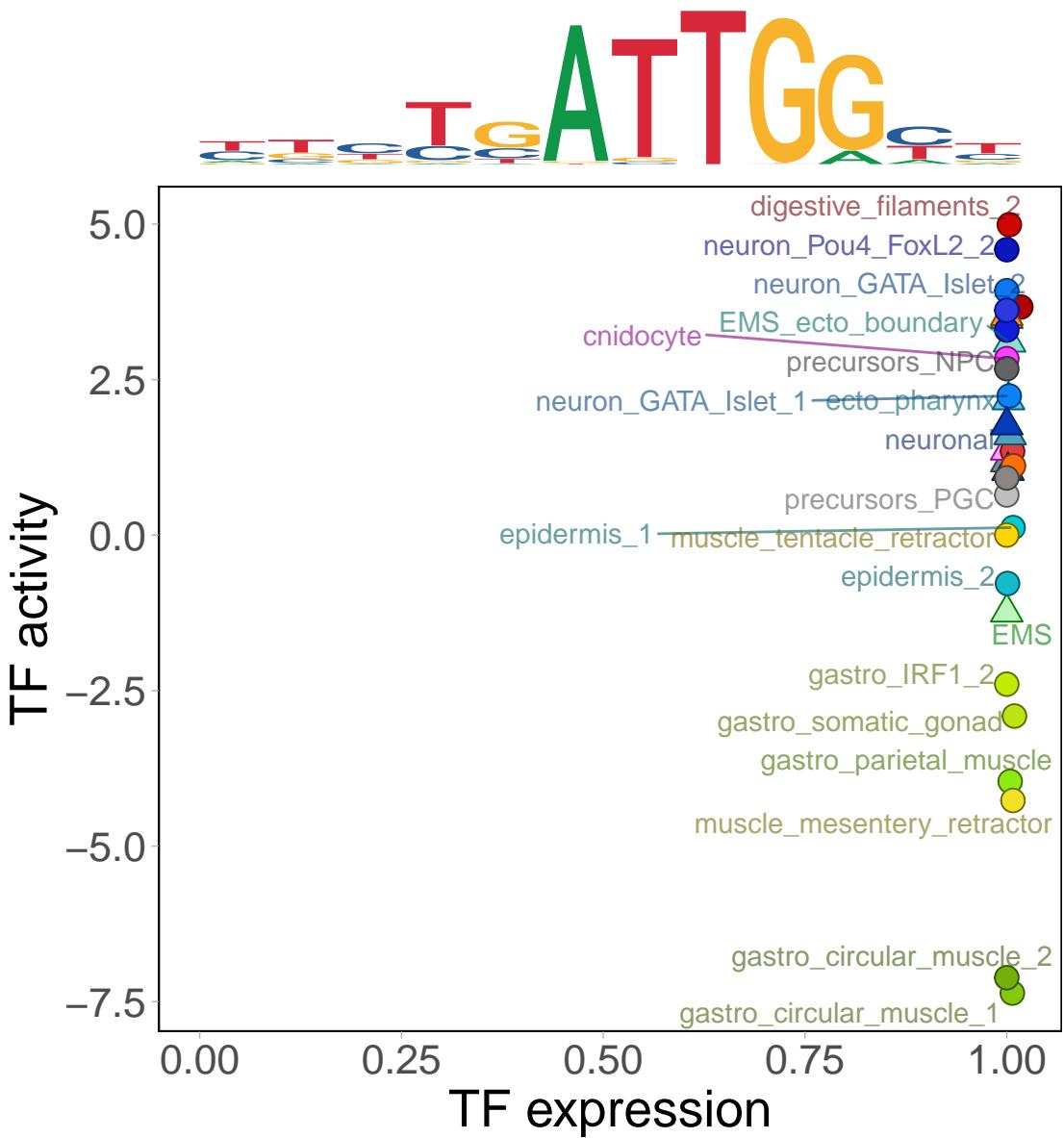
gene score correlation: 0.2042



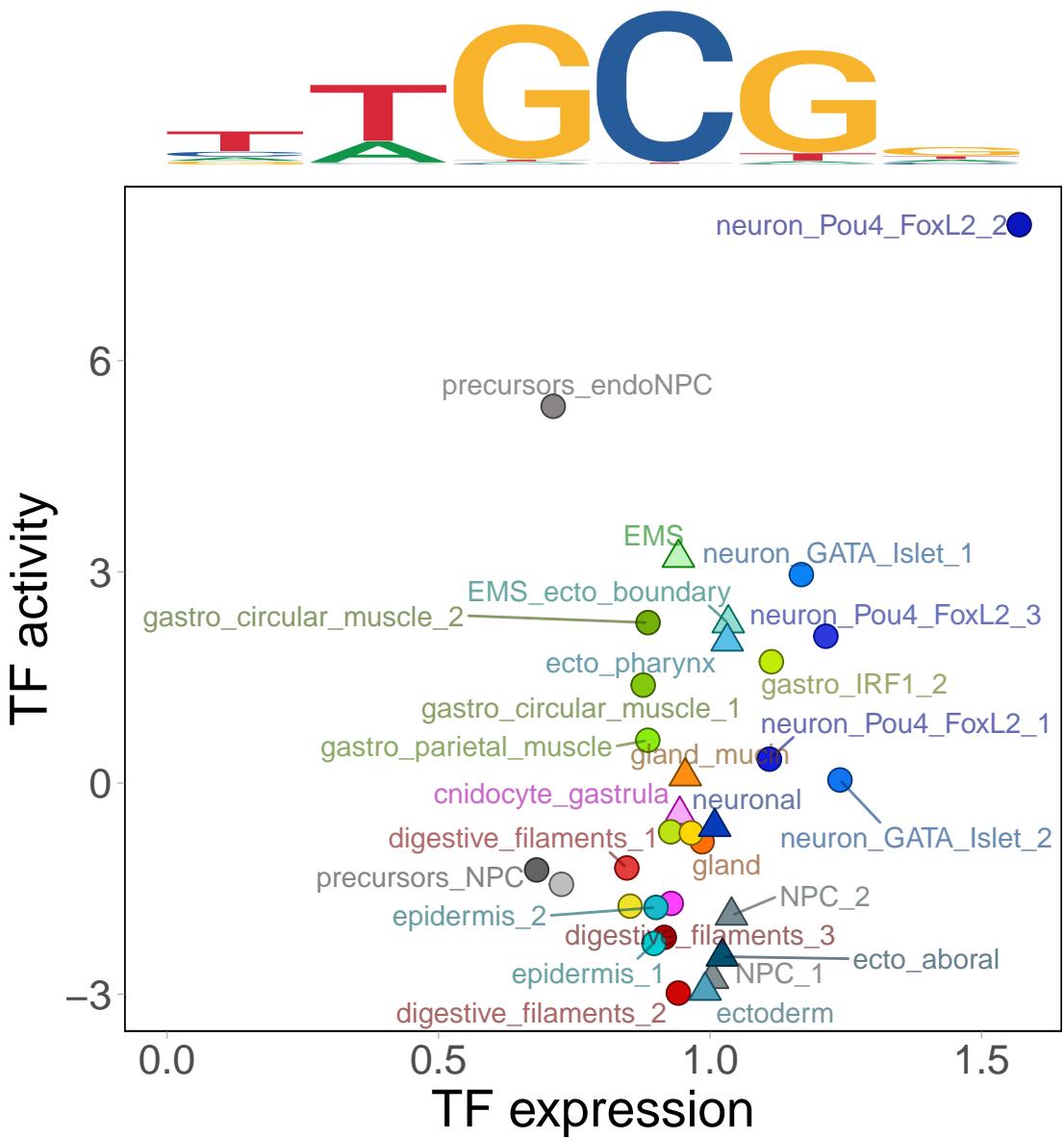
Nvec_vc1.1_XM_048726885.1
OG: zf-C2H2.HG1.3:ZBTB3
PFAM: zf-C2H2_6/zf-C2H2_6/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1682
gene expression correlation: 0.5152
gene score correlation: -0.3012



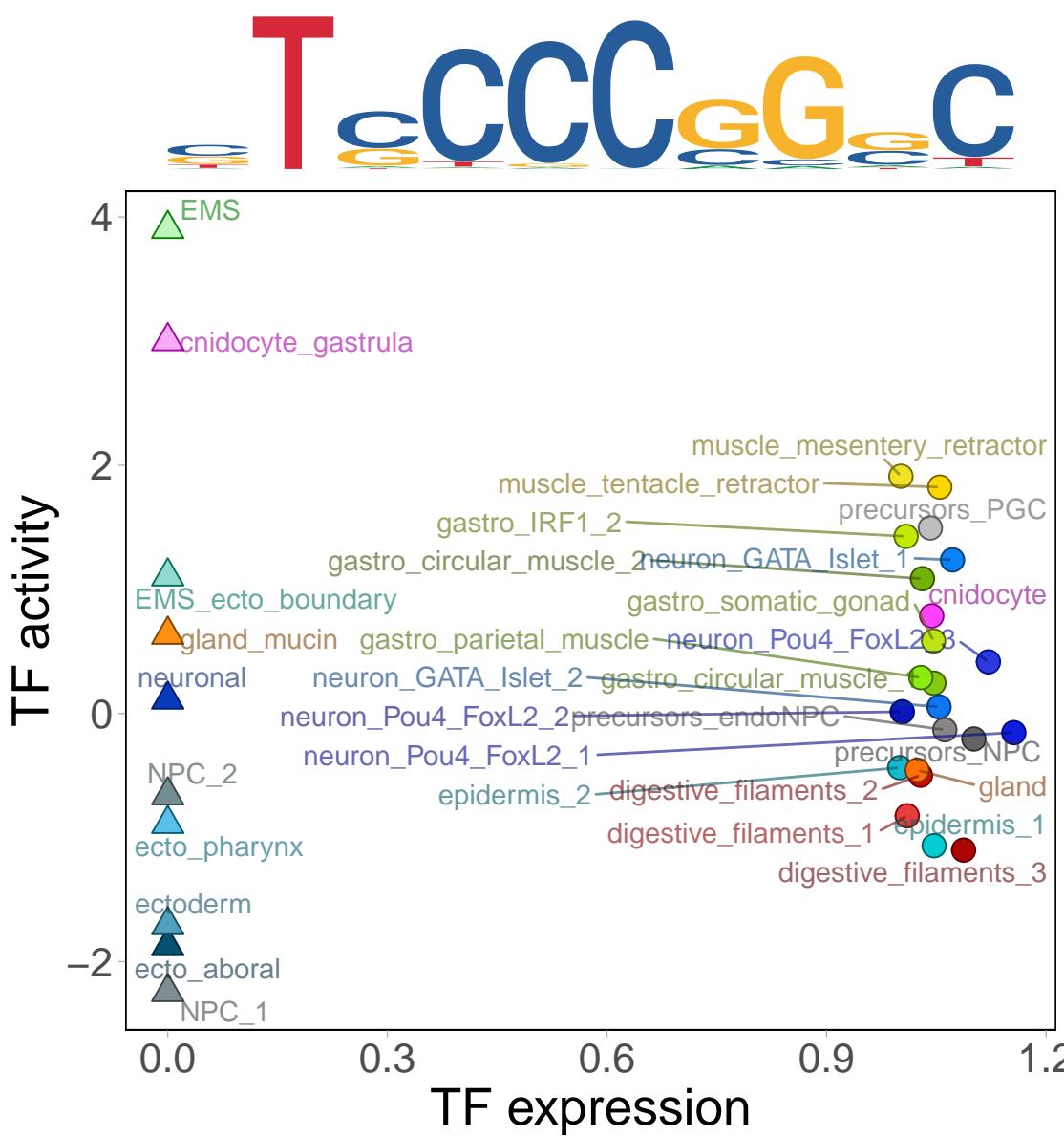
Nvec_vc1.1_XM_048727075.1
OG: Homeodomains.HG2.12:ESX1
PFAM: Homeodomain
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 6
gene expression correlation: -0.1695
gene score correlation: 0.4196



Nvec_vc1.1_XM_048727123.1
OG: Myb.HG1.9:NCOR1/NCOR2
PFAM: GPS2_interact/Myb_DNA-bindin
motif: ARCH646_Msantd4/Mypop_Terf2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 899
gene expression correlation: 0.4424
gene score correlation: 0.1013



Nvec_vc1.1_XM_048727543.1
OG: Homeodomains.HG2.17:like:RHOX
PFAM: PAX/Homeodomain
motif: ARCH8_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 67
gene expression correlation: 0.0495
gene score correlation: 0.3038



Nvec_vc1.1_XM_048727600.1

OG: Myb.HG2.3:NA

PFAM: MADF_DNA_bdg

motif: M06395_2.00

TF family: Myb

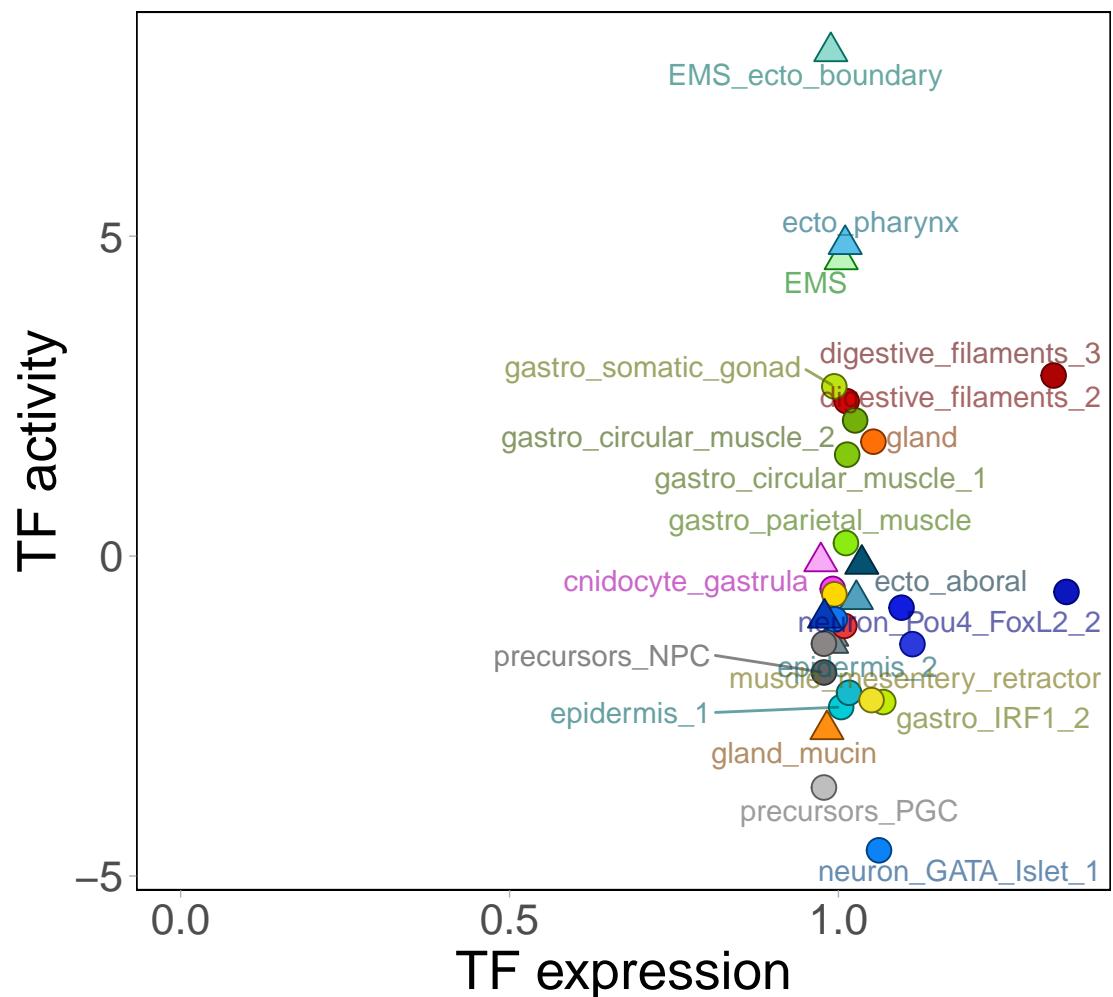
archetype family: Myb

CisBP assigned: FALSE

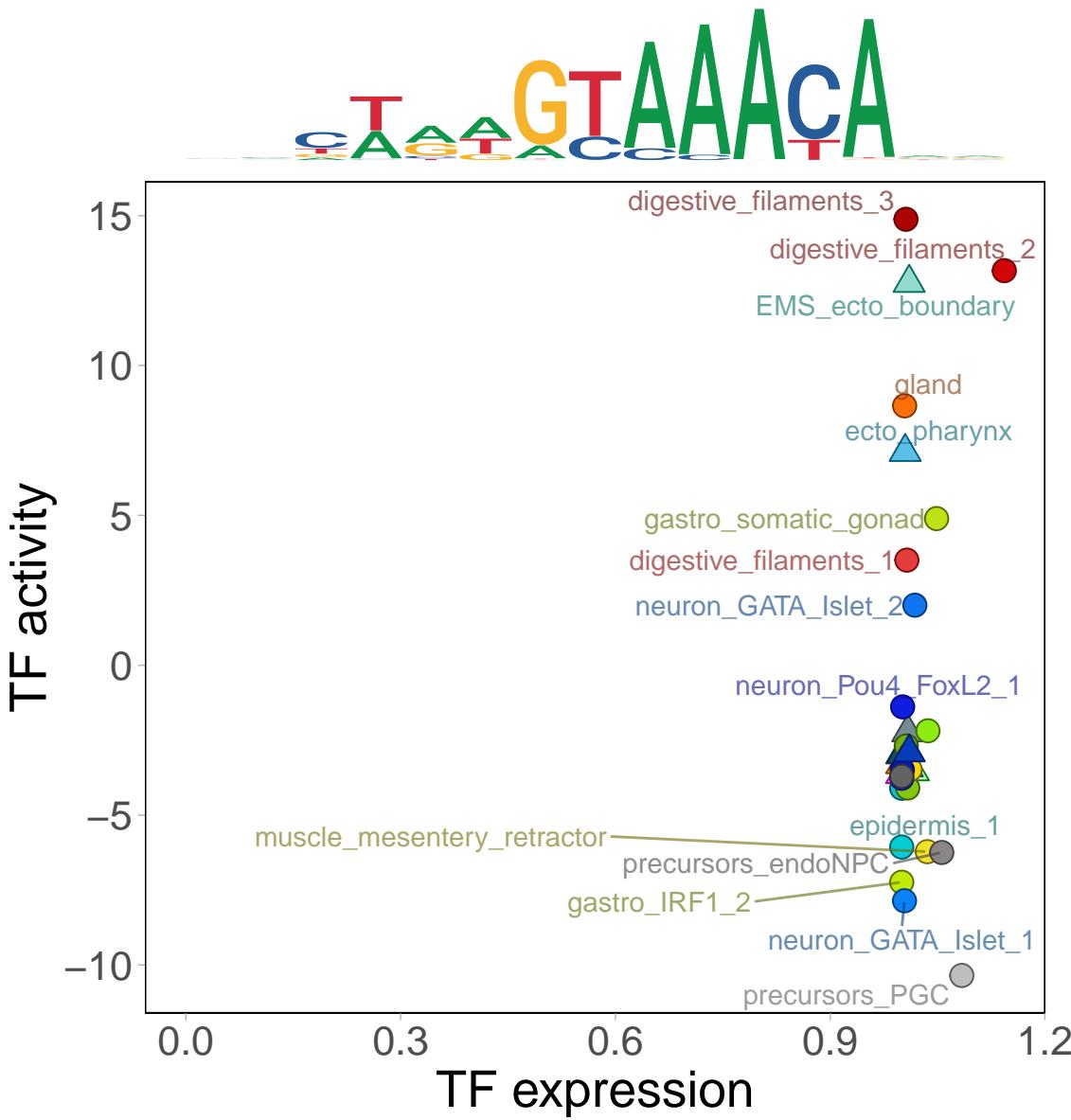
rank: 0

gene expression correlation: 0.0535

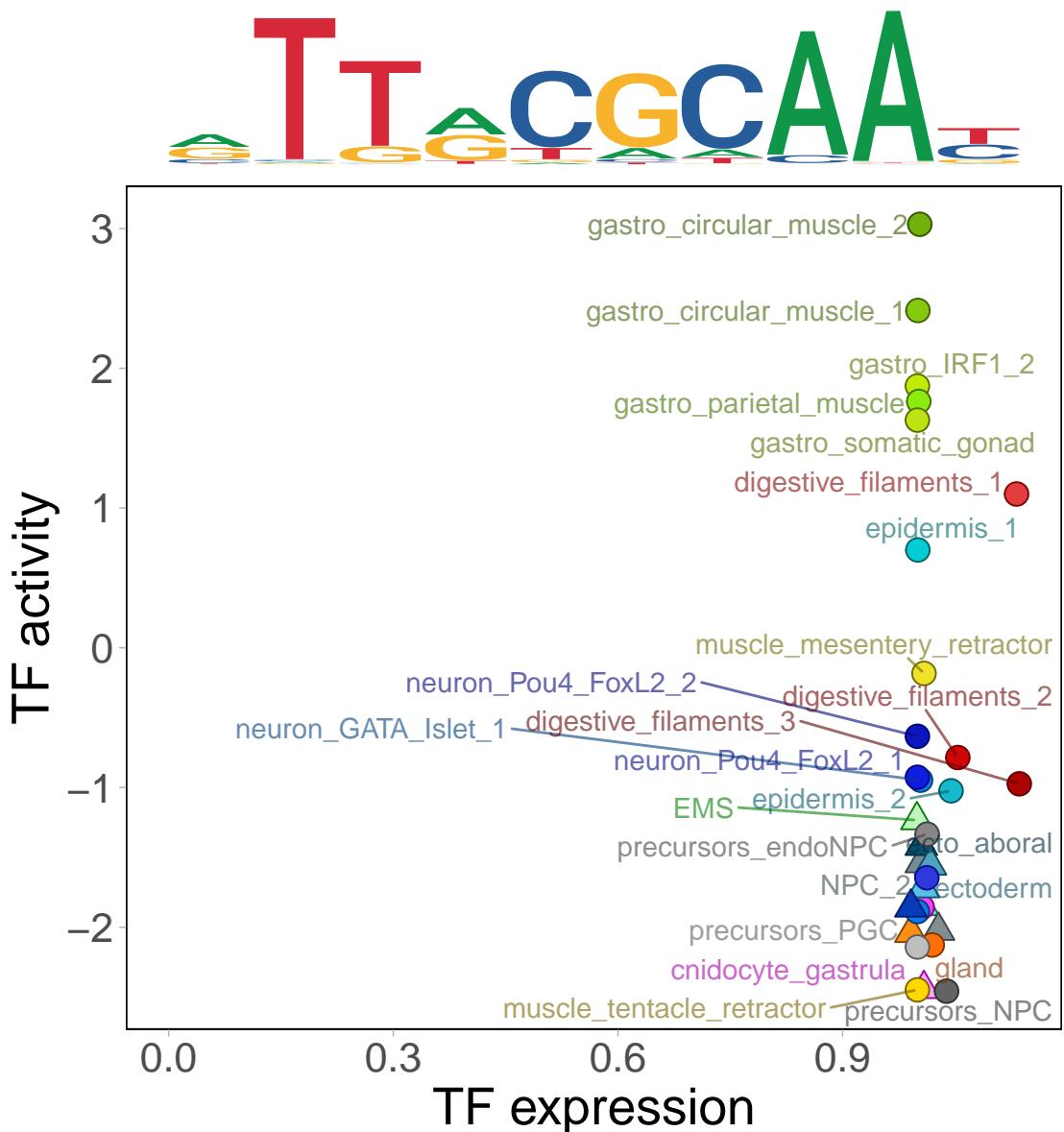
gene score correlation: 0.7240



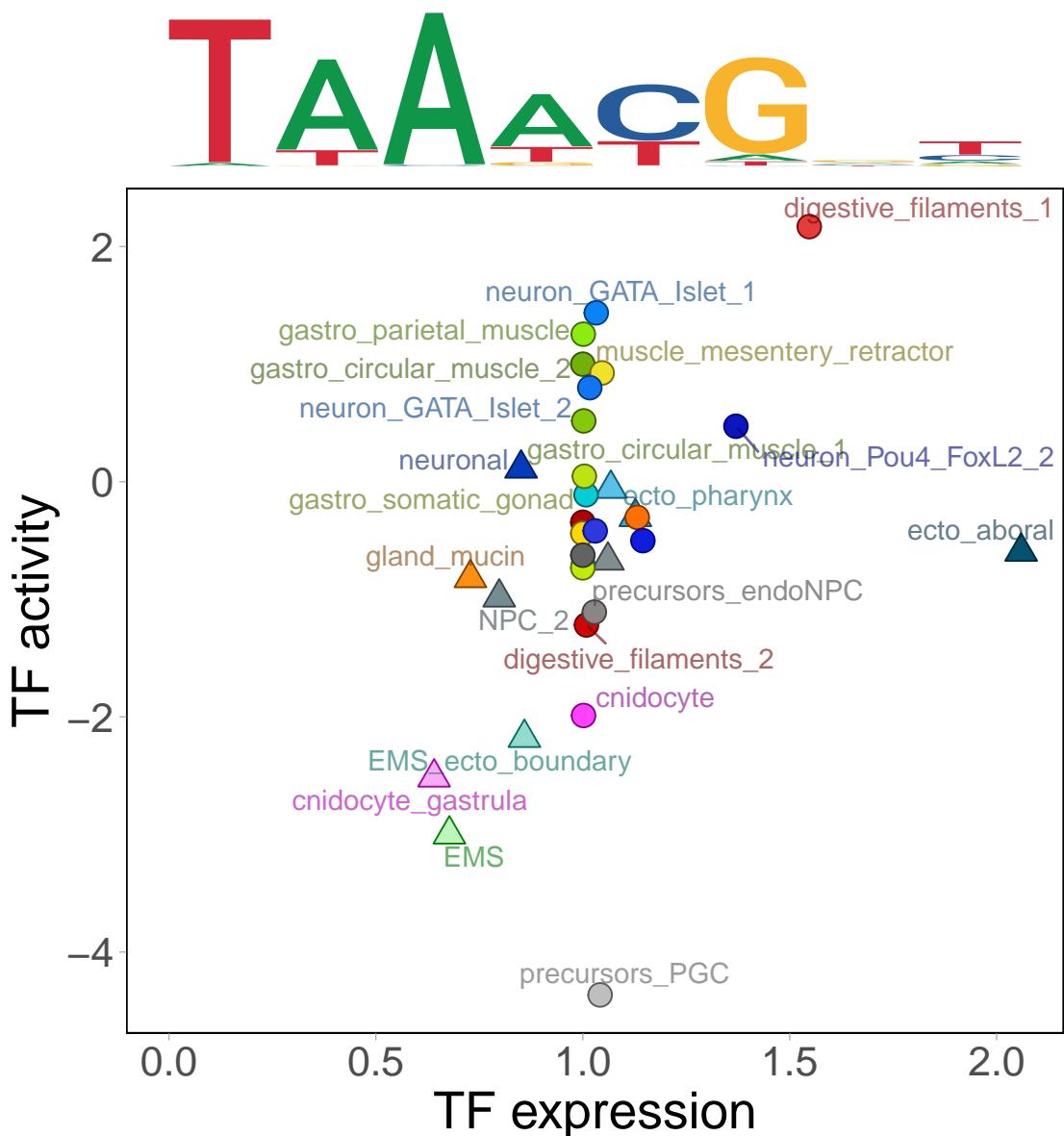
Nvec_vc1.1_XM_048728051.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead
motif: M07960_2.00
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2152
gene score correlation: 0.1414



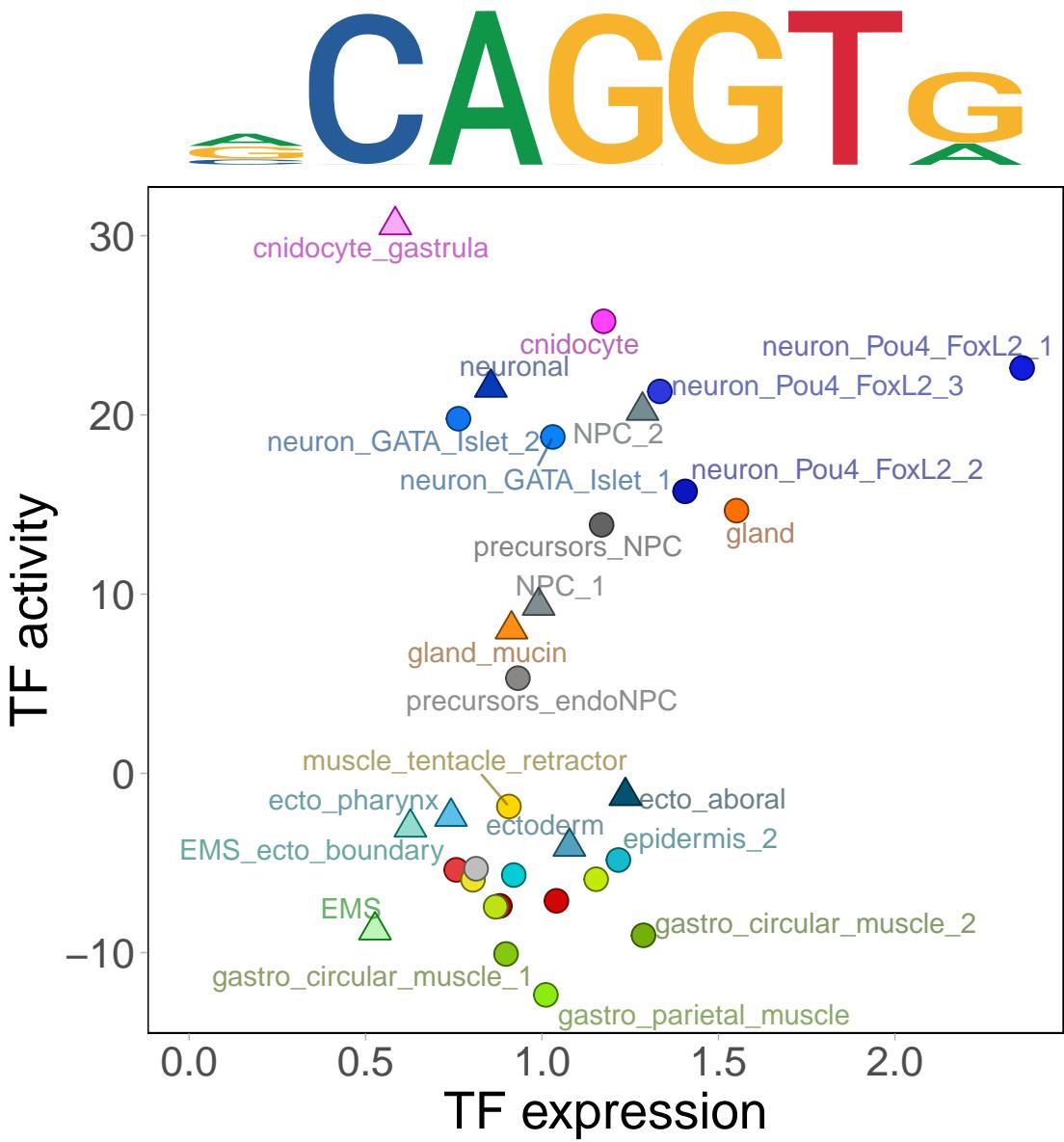
Nvec_vc1.1_XM_048728399.1
OG: bZIP.HG2.5:CEBPA/CEBPB/CEBP
PFAM: bZIP_2
motif: ARCH1224_Cebpd/Cebpe/Cebpa
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 780
gene expression correlation: 0.0494
gene score correlation: -0.1814



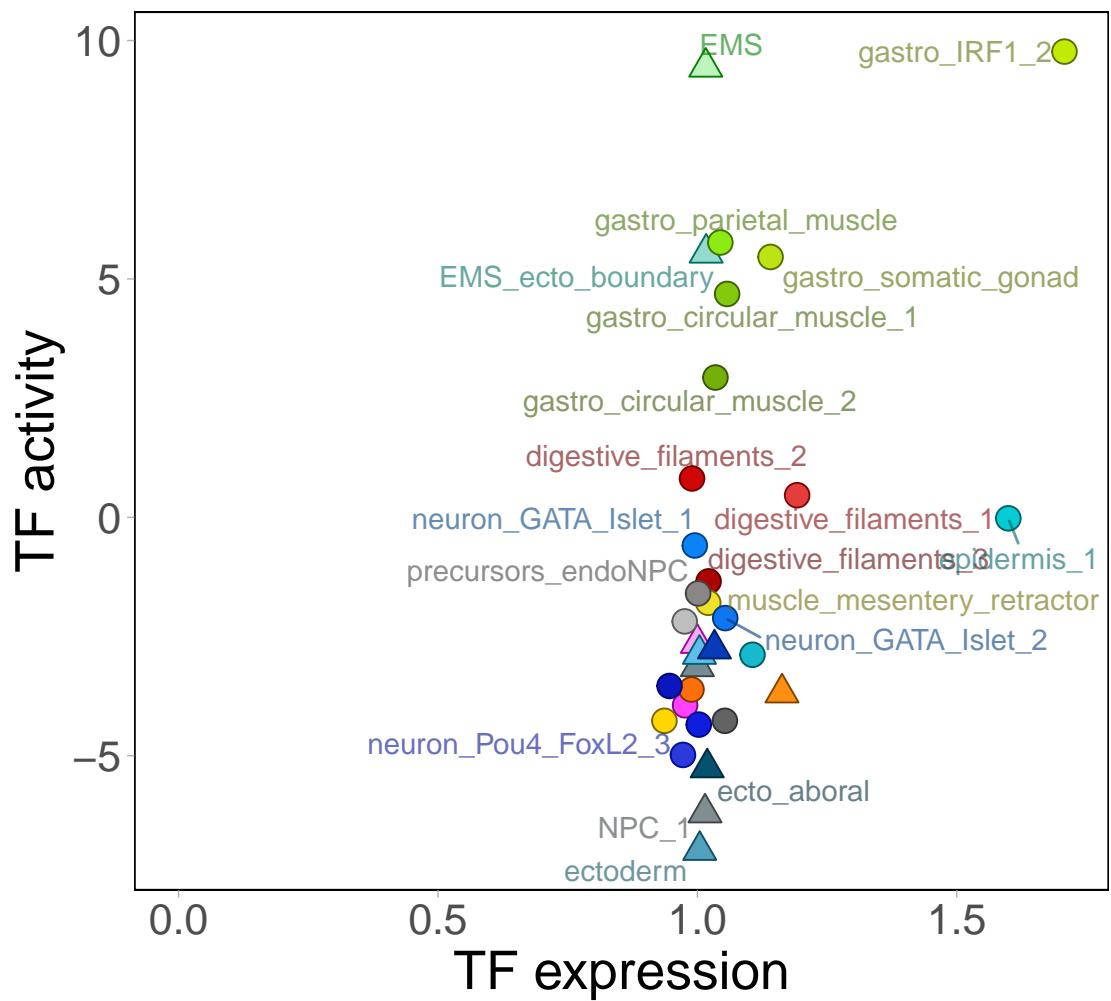
Nvec_vc1.1_XM_048728853.1
OG: Homeodomains.HG1.24:like:HHEX
PFAM: Homeodomain
motif: ARCH1336_Alx3/AIx4/AIx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 8
gene expression correlation: 0.3468
gene score correlation: 0.4721



Nvec_vc1.1_XM_048728967.1
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH/HLH
motif: ARCH867_ZEB1__PL0011.1_hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3369
gene score correlation: 0.5937

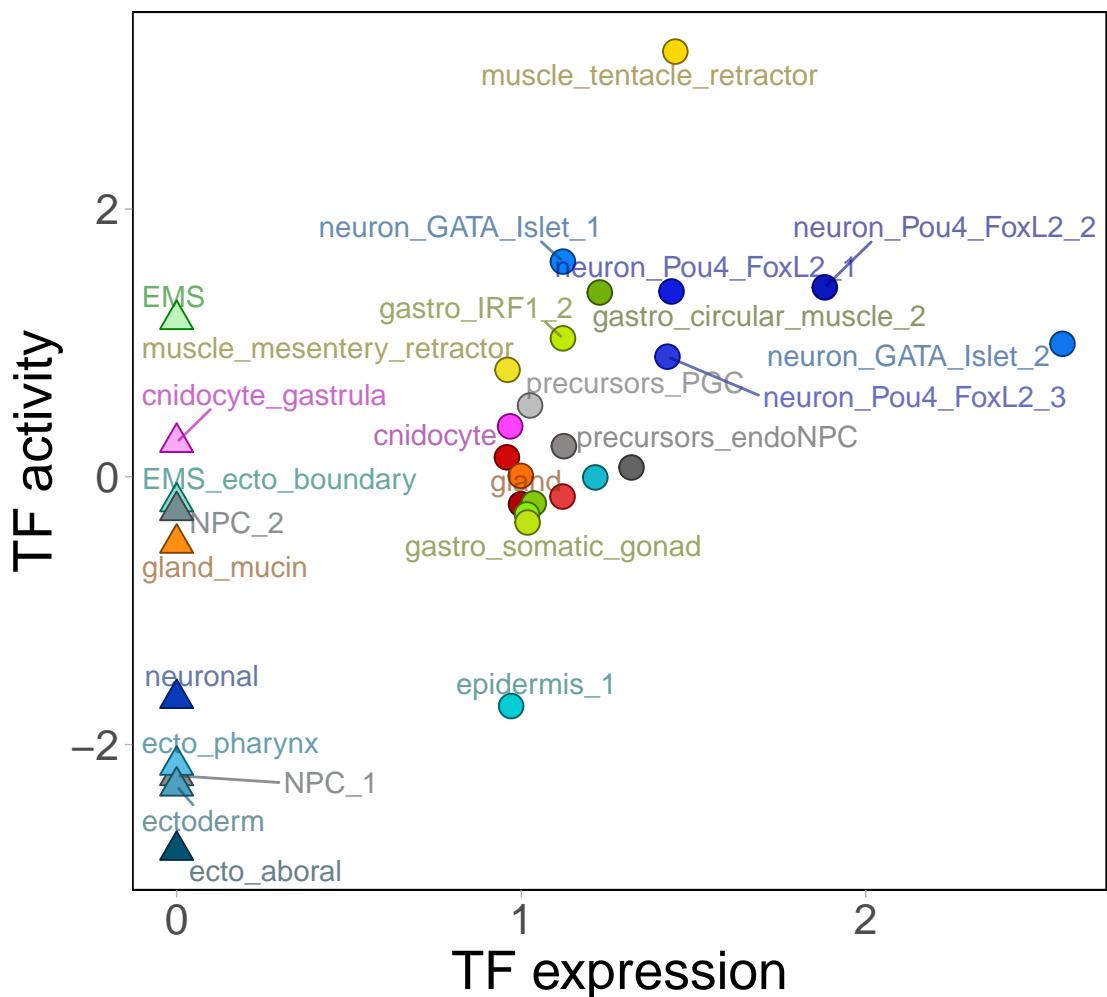


Nvec_vc1.1_XM_048729186.1
OG: Ets.HG1.9:AC020909.1/SPI1/SPIB
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.4365
gene score correlation: 0.5853

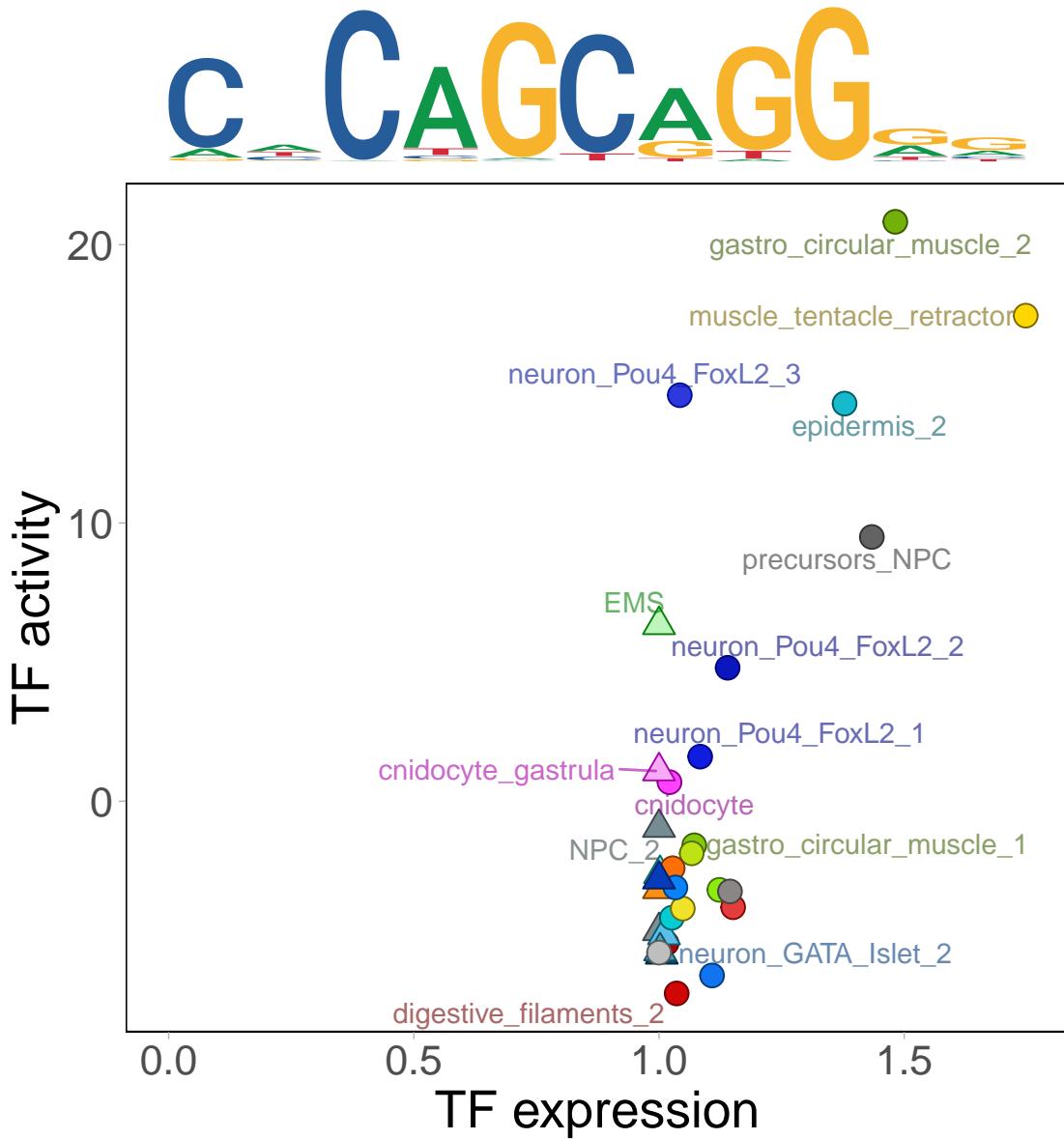


Nvec_vc1.1_XM_048729481.1
OG: zf-C2H2.HG4.3:like:ZIC1/ZIC2/ZIC
PFAM: zf_ZIC/zf-C2H2/zf-C2H2
motif: ARCH497_M03679_2.00
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.6256
gene score correlation: 0.4650

CTCTCTCCc

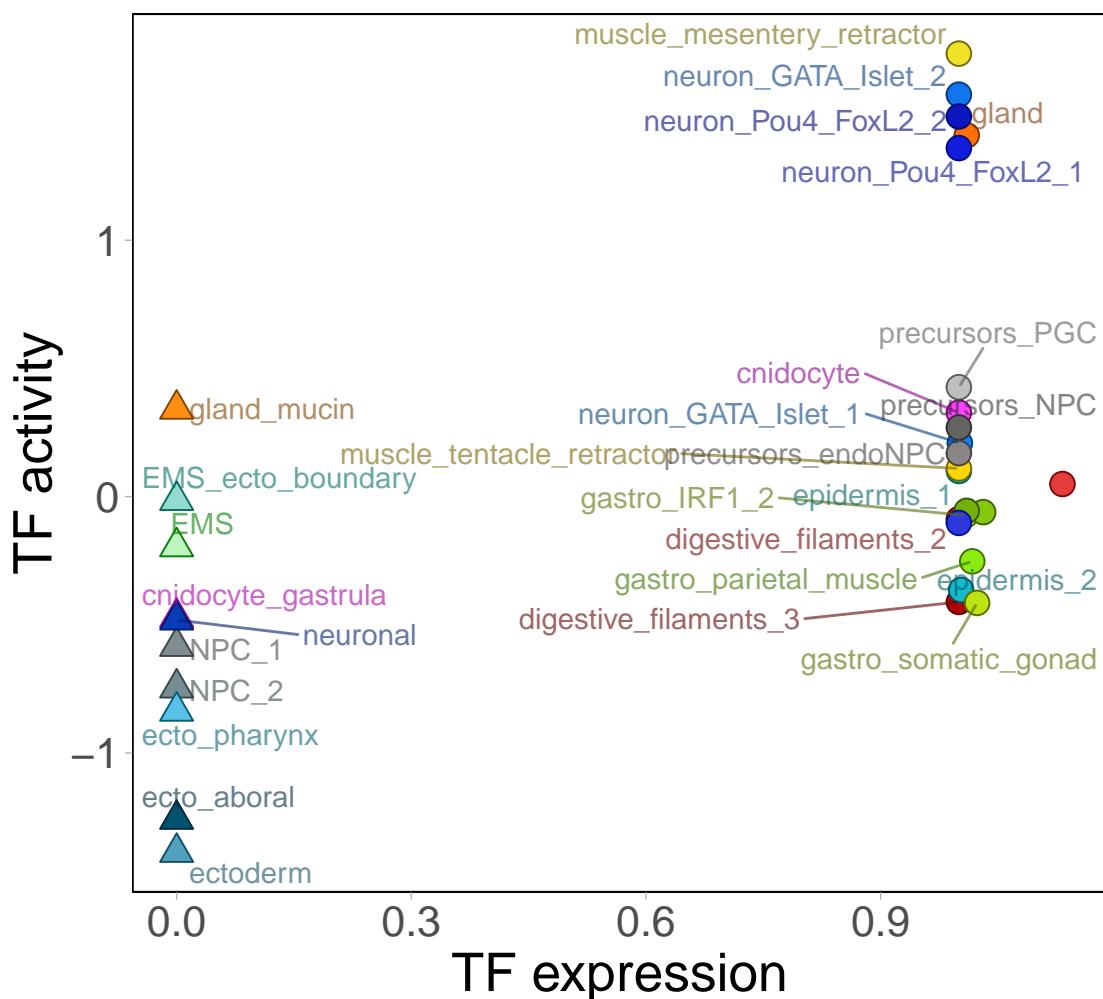


Nvec_vc1.1_XM_048729483.1
OG: zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC
PFAM: zf_ZIC/zf-C2H2/zf-C2H2
motif: ARCH521_Zic2__Unknown-ESC
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.7650
gene score correlation: 0.8601

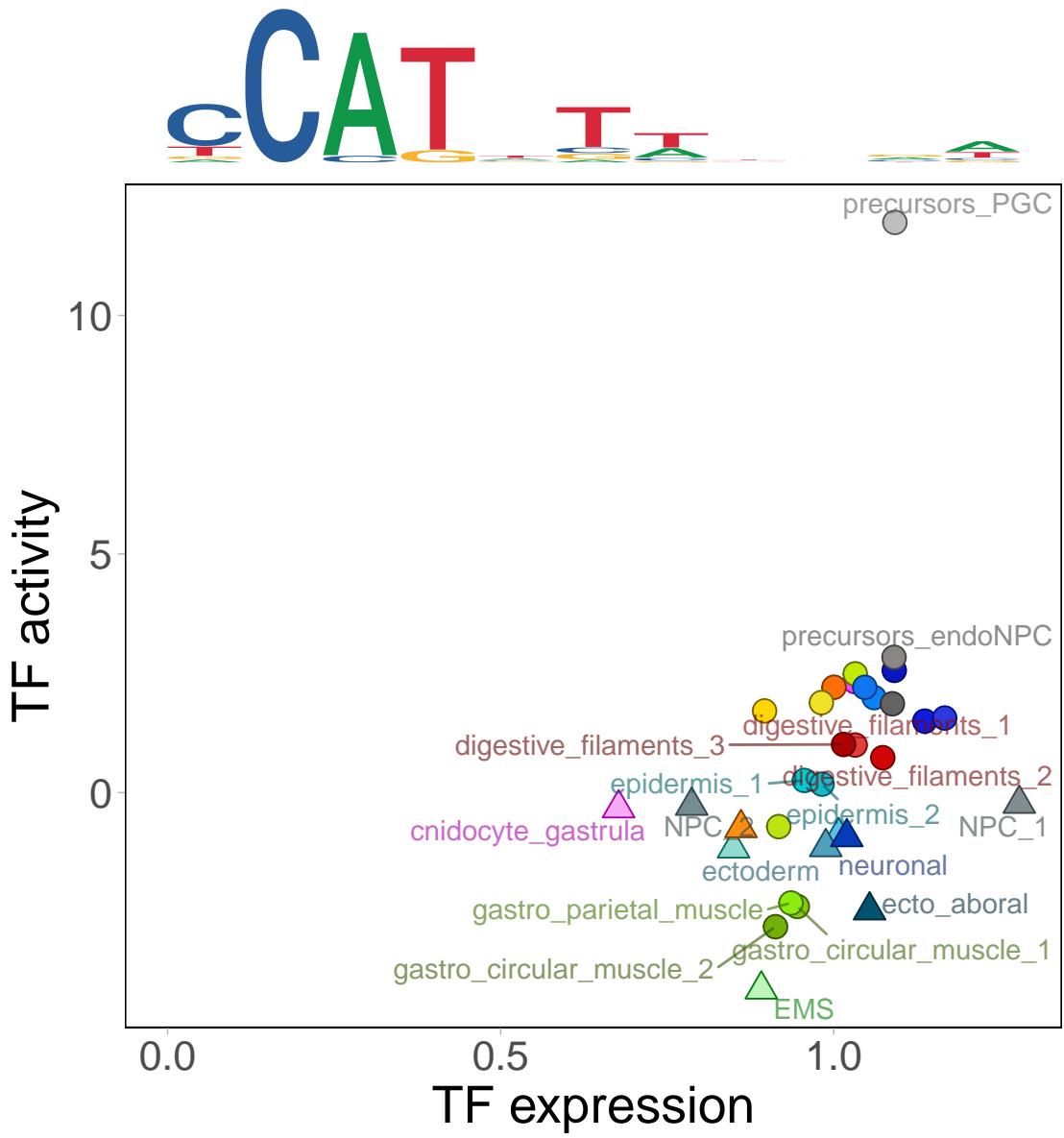


Nvec_vc1.1_XM_048729727.1
OG: THAP_finger.HG1.0:AC073612.1/T
PFAM: THAP
motif: ARCH1246_THAP1
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 197
gene expression correlation: 0.5464
gene score correlation: 0.0198

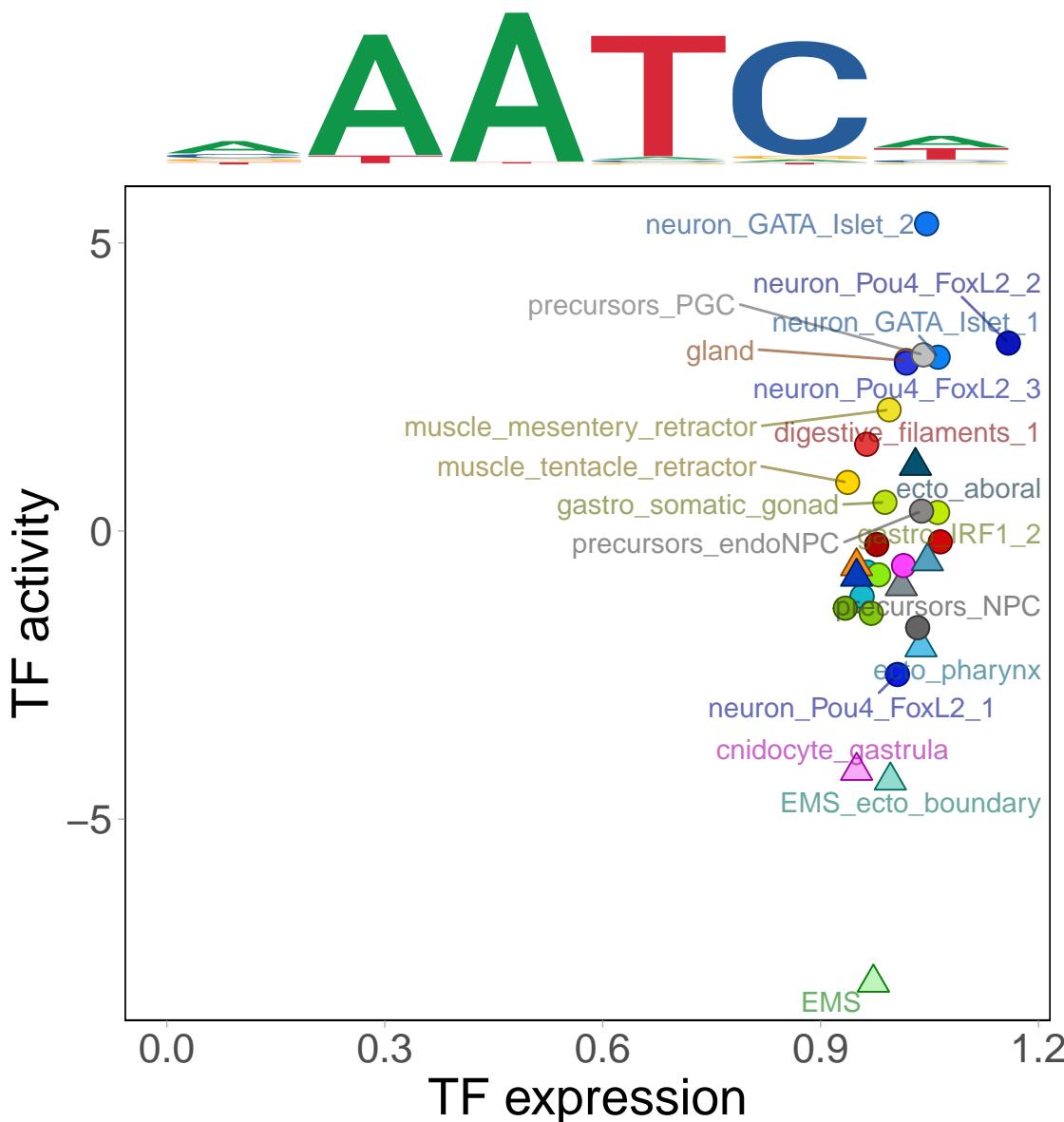
G A T T T G G G C A G G



Nvec_vc1.1_XM_048729815.1
OG: zf-C2H2.HG3.36:YY1/YY2/ZFP42
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1311_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 16
gene expression correlation: 0.3852
gene score correlation: 0.4532

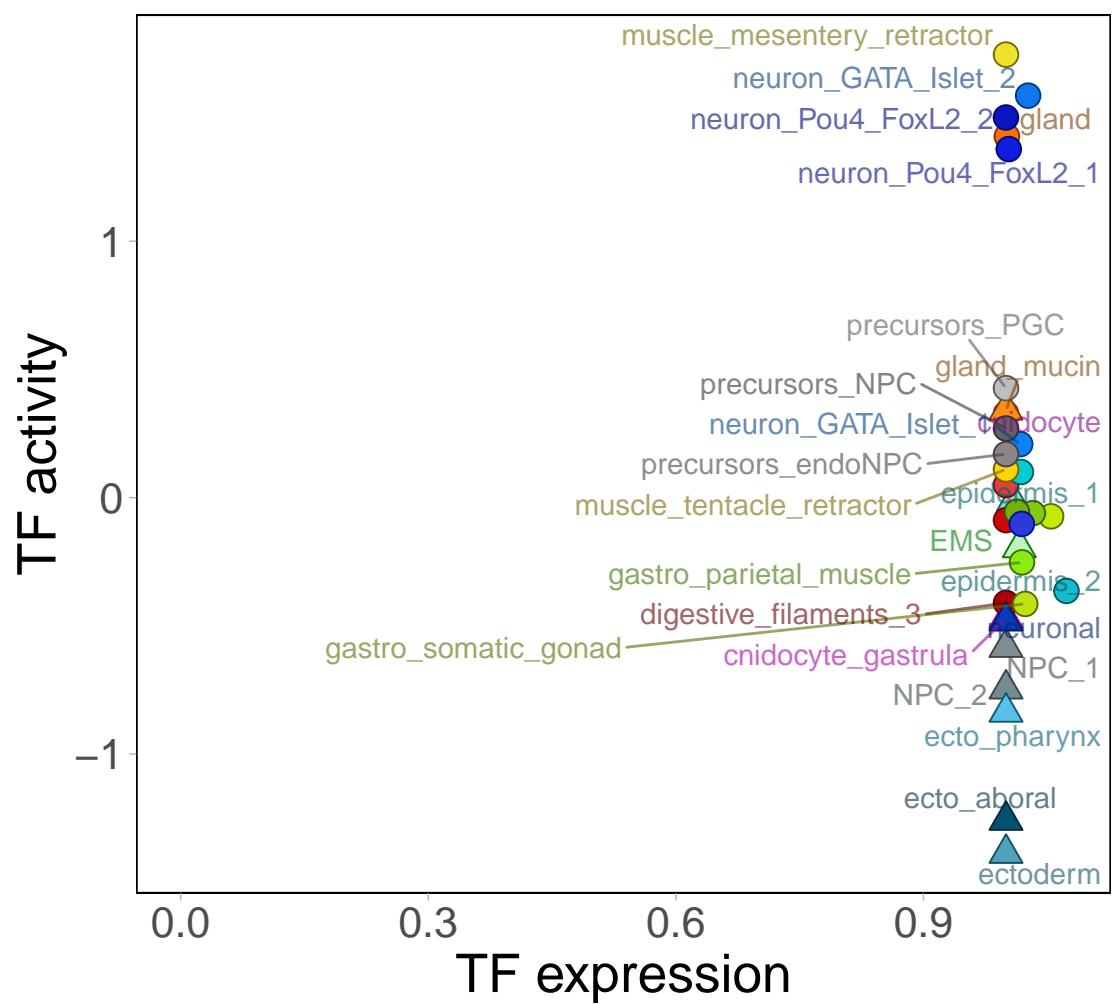


Nvec_vc1.1_XM_048730021.1
OG: zf-C2H2.HG2.4:MTF1/ZNF76/ZNF
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1200_Zfp760/Zfp770
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 224
gene expression correlation: 0.4483
gene score correlation: 0.2309



Nvec_vc1.1_XM_048730025.1
OG: THAP_finger.HG1.0:AC073612.1/T
PFAM: THAP
motif: ARCH1246_THAP1
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 109
gene expression correlation: -0.0431
gene score correlation: 0.2191

G A T T T G G G C A G G



Nvec_vc1.1_XM_048730169.1

OG: Myb.HG1.11:MIS18BP1

PFAM: SANTA/Myb_DNA-binding

motif: ARCH1391_MYB113

TF family: Myb

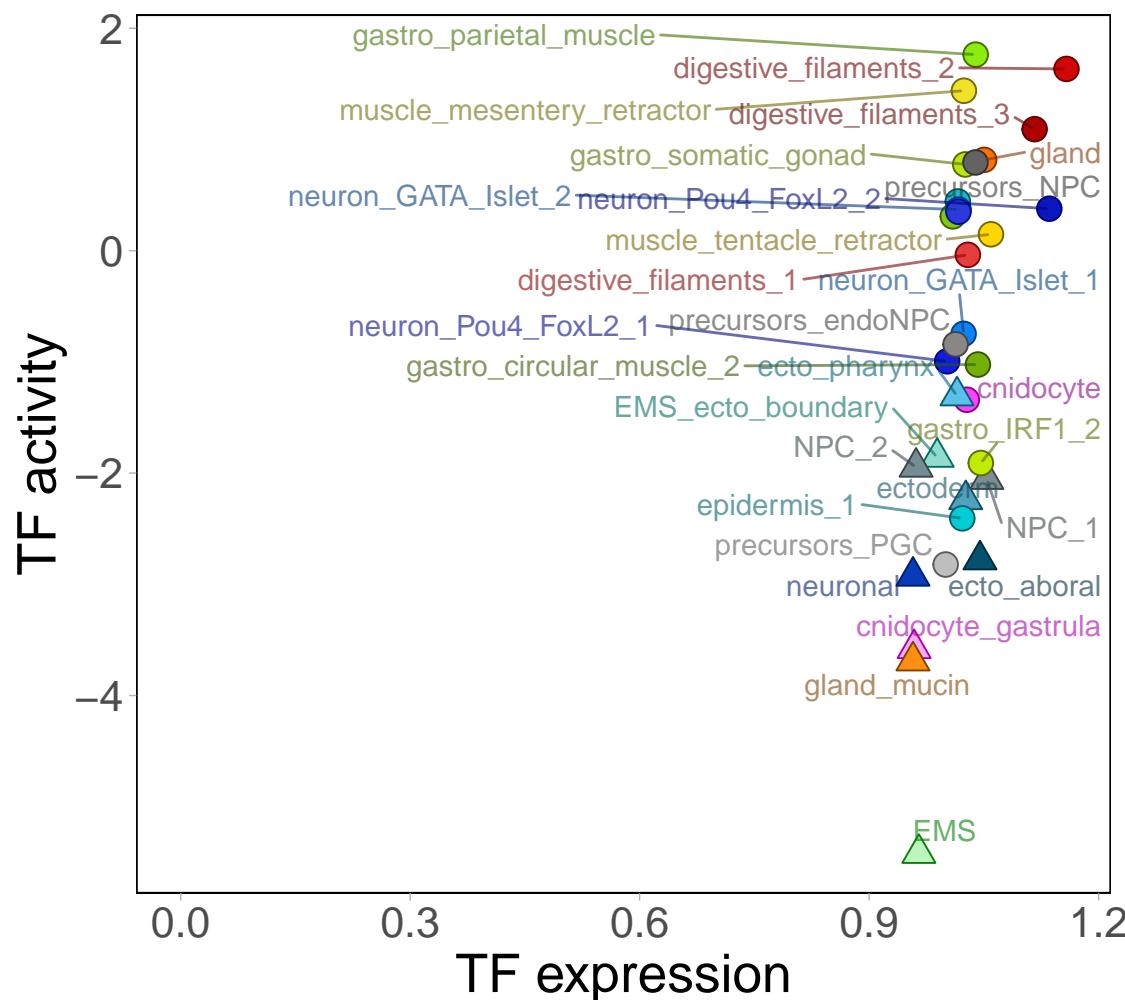
archetype family: Myb

CisBP assigned: FALSE

rank: 449

gene expression correlation: 0.6244

gene score correlation: 0.1912



Nvec_vc1.1_XM_048730283.1

OG: bZIP.HG1.17:ATF3/JDP2

PFAM: bZIP_1

motif: ARCH947_Creb3I2/Creb3I1

TF family: bZIP

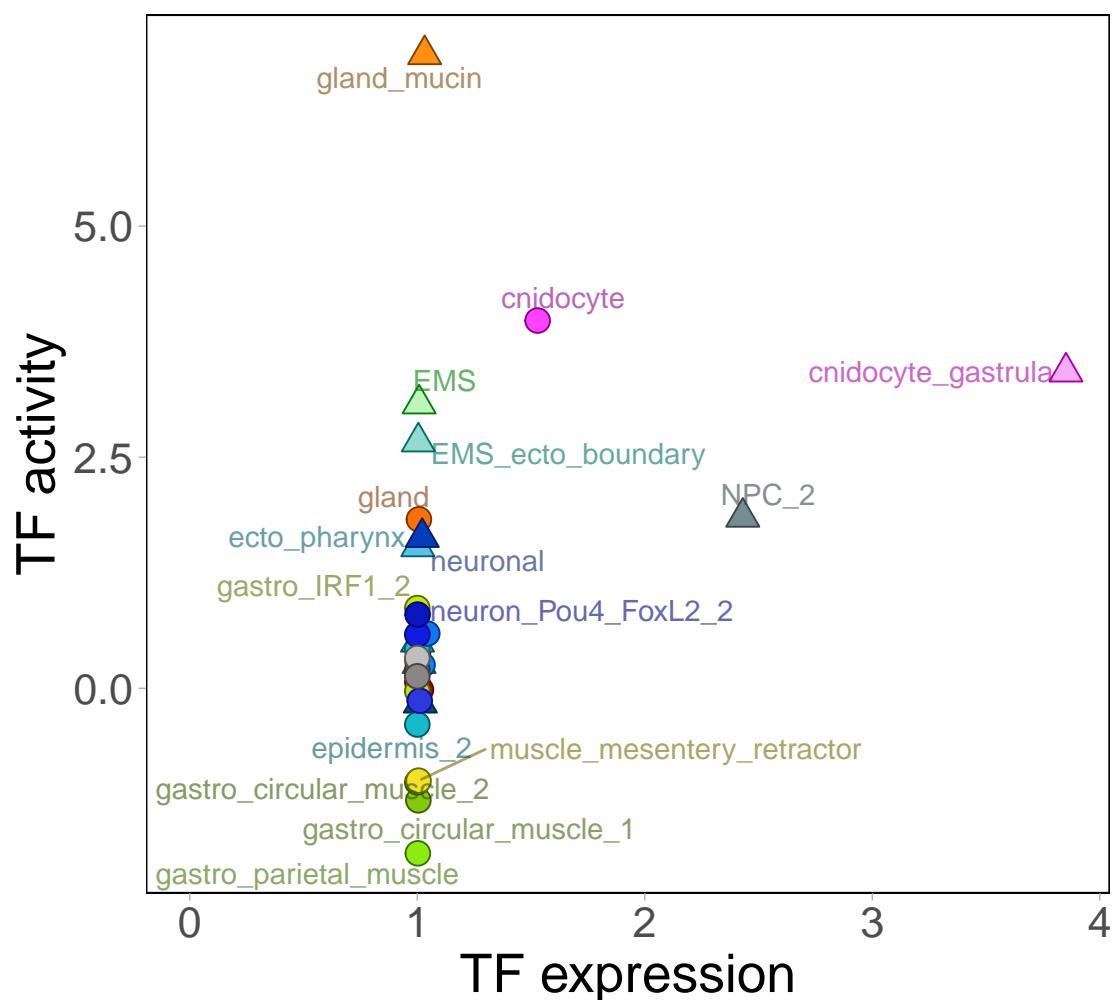
archetype family: bZIP

CisBP assigned: FALSE

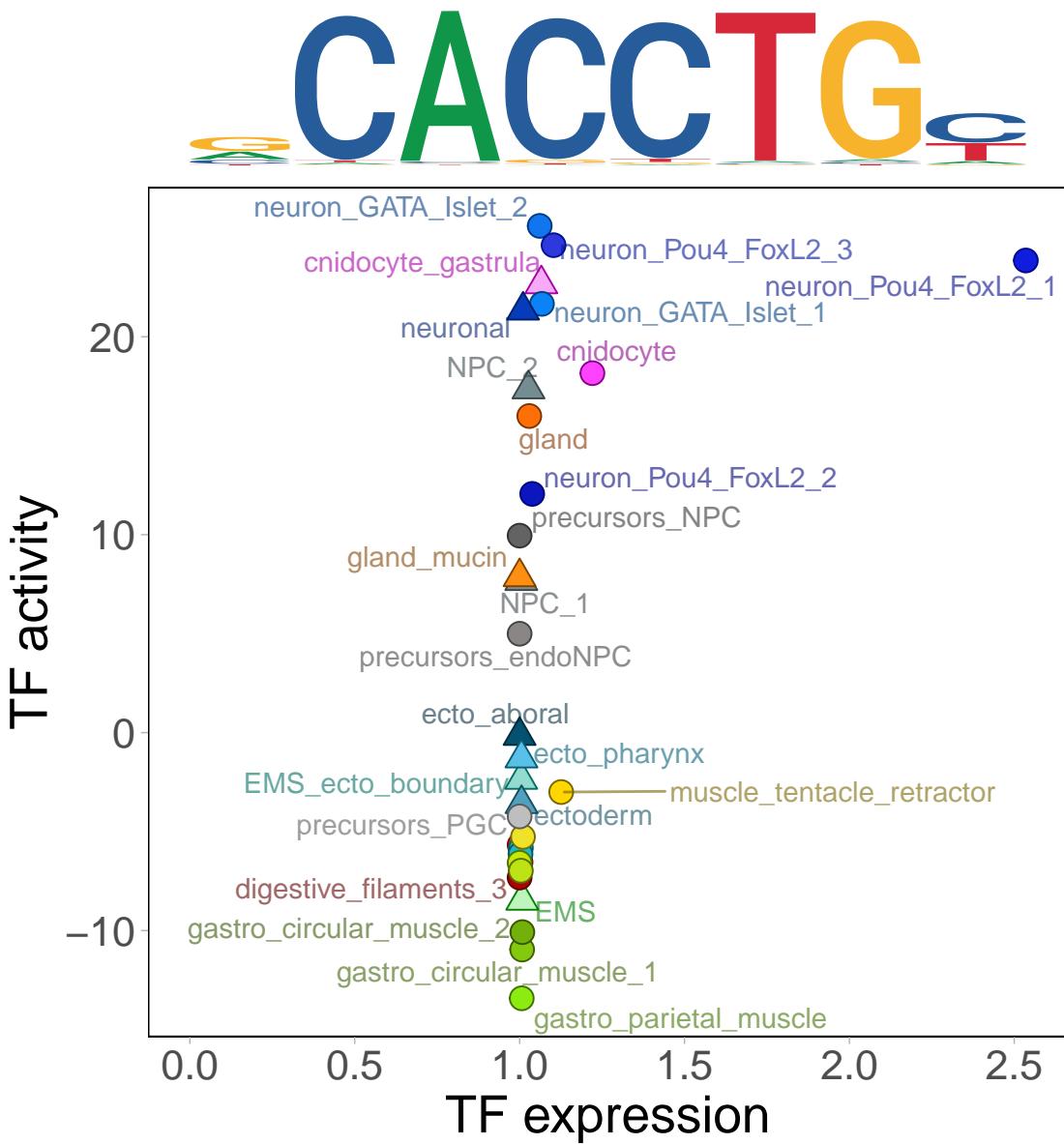
rank: 14

gene expression correlation: 0.3597

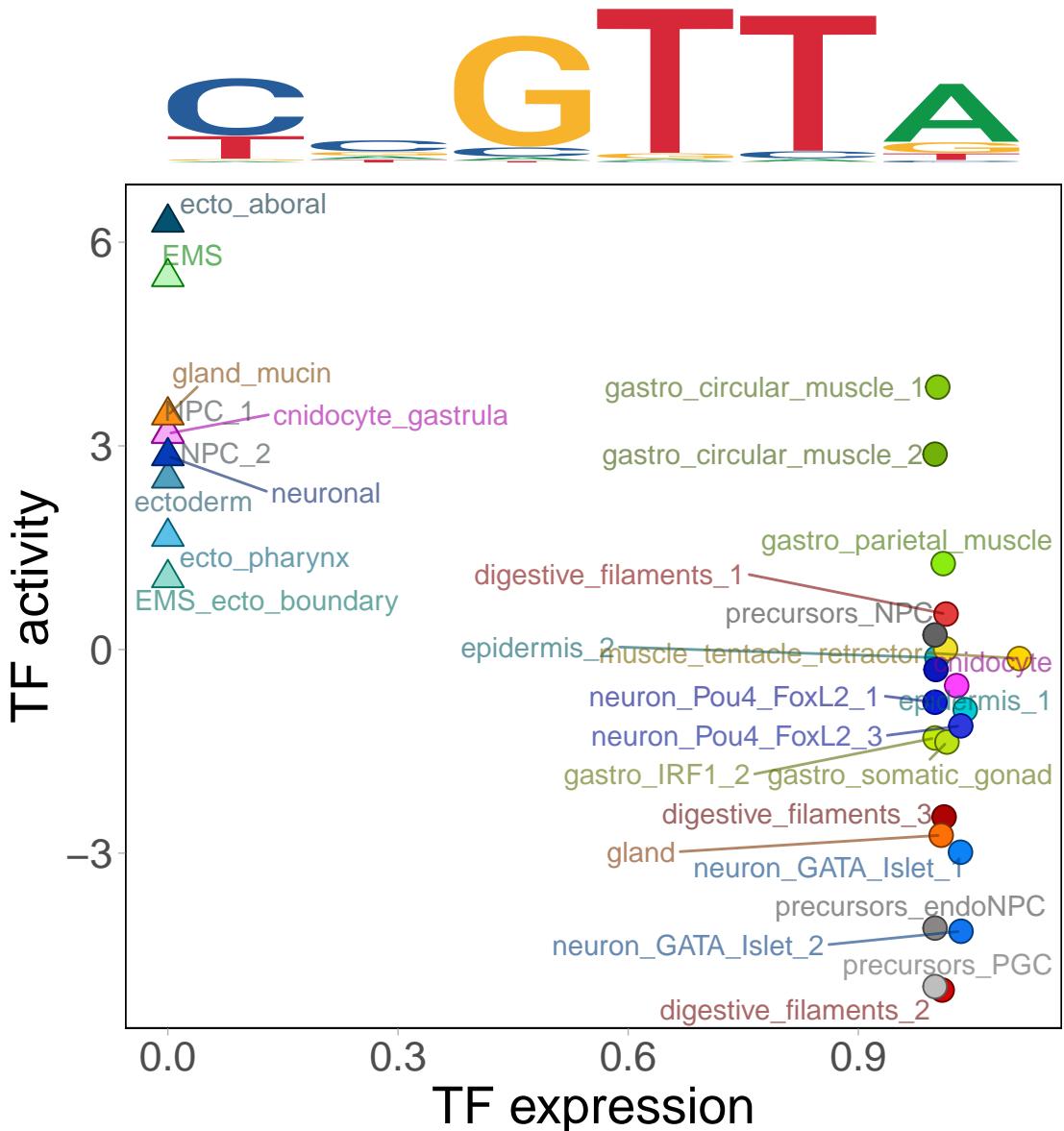
gene score correlation: 0.3977



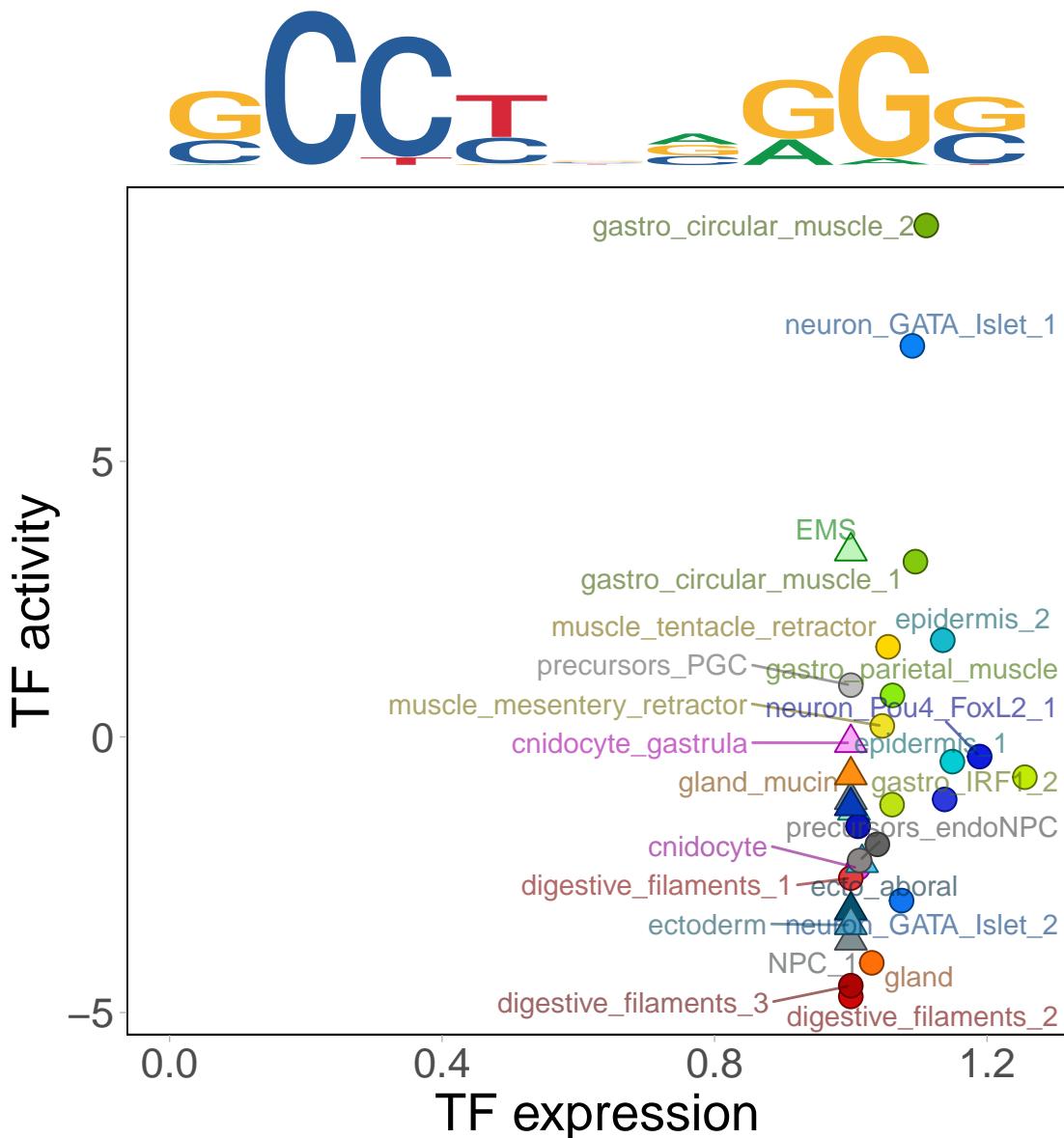
Nvec_vc1.1_XM_048731064.1
OG: zf-C2H2.HG87.0:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH470_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.3715
gene score correlation: 0.3463



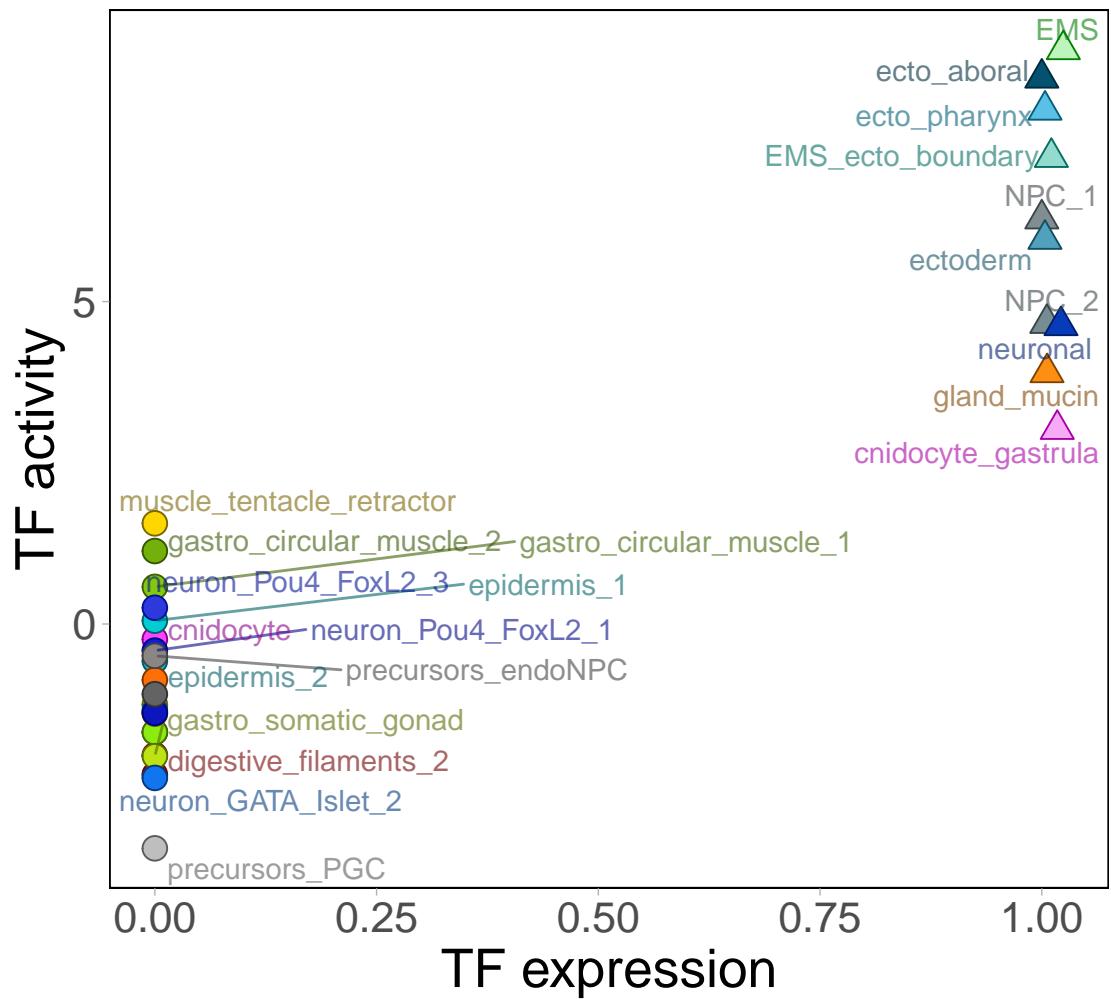
Nvec_vc1.1_XM_048731081.1
OG: Myb.HG1.21:like:MIER1/MIER2/MI
PFAM: Myb_DNA-binding
motif: ARCH1387_MYB105
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 189
gene expression correlation: -0.7049
gene score correlation: 0.7008



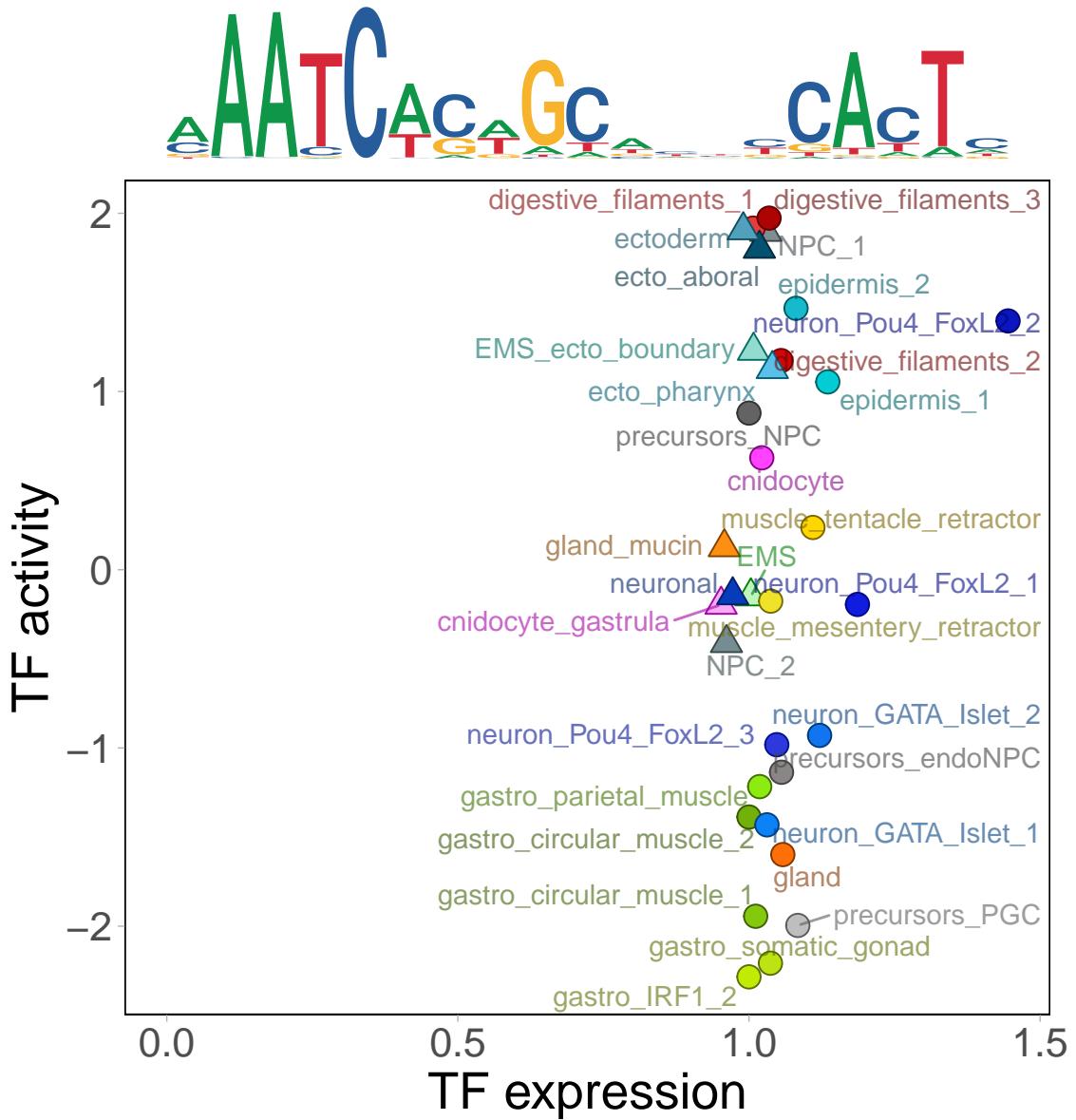
Nvec_vc1.1_XM_048731339.1
OG: AP-2.HG1.3:like:TFAP2A/TFAP2B
PFAM: TF_AP-2
motif: ARCH387_TFAP2E
TF family: AP2
archetype family: AP2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3592
gene score correlation: 0.6309



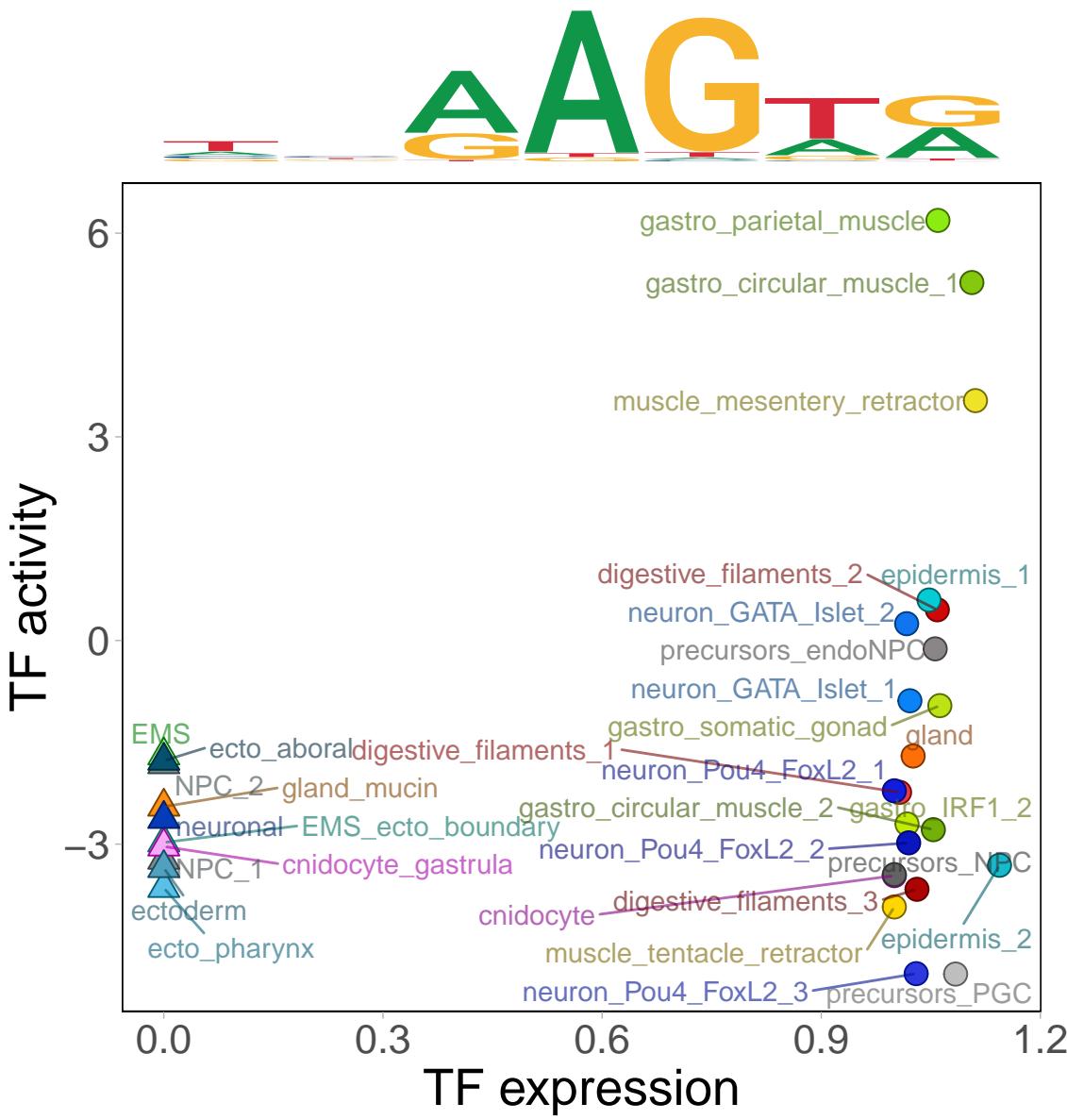
Nvec_vc1.1_XM_048731616.1
OG: zf-C2H2.HG17.1:HIC2
PFAM: zf-C2H2/zf-C2H2_11/zf-C2H2
motif: ARCH836_M08316_2.00__M089
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 41
gene expression correlation: 0.9132
gene score correlation: 0.9075



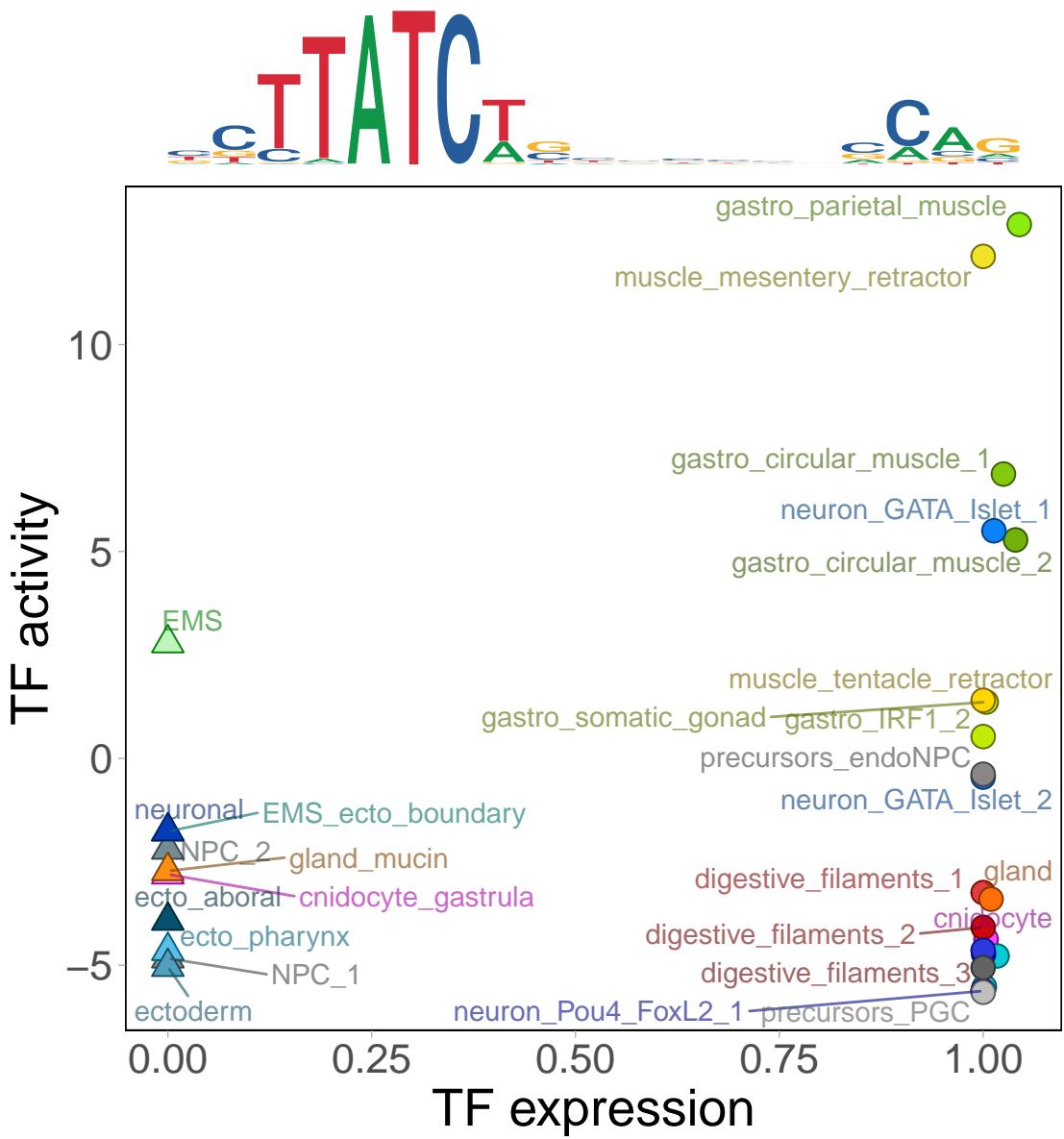
Nvec_vc1.1_XM_048731647.1
OG: zf-C2H2.HG36.2:ZNF425
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.1317
gene score correlation: 0.2323



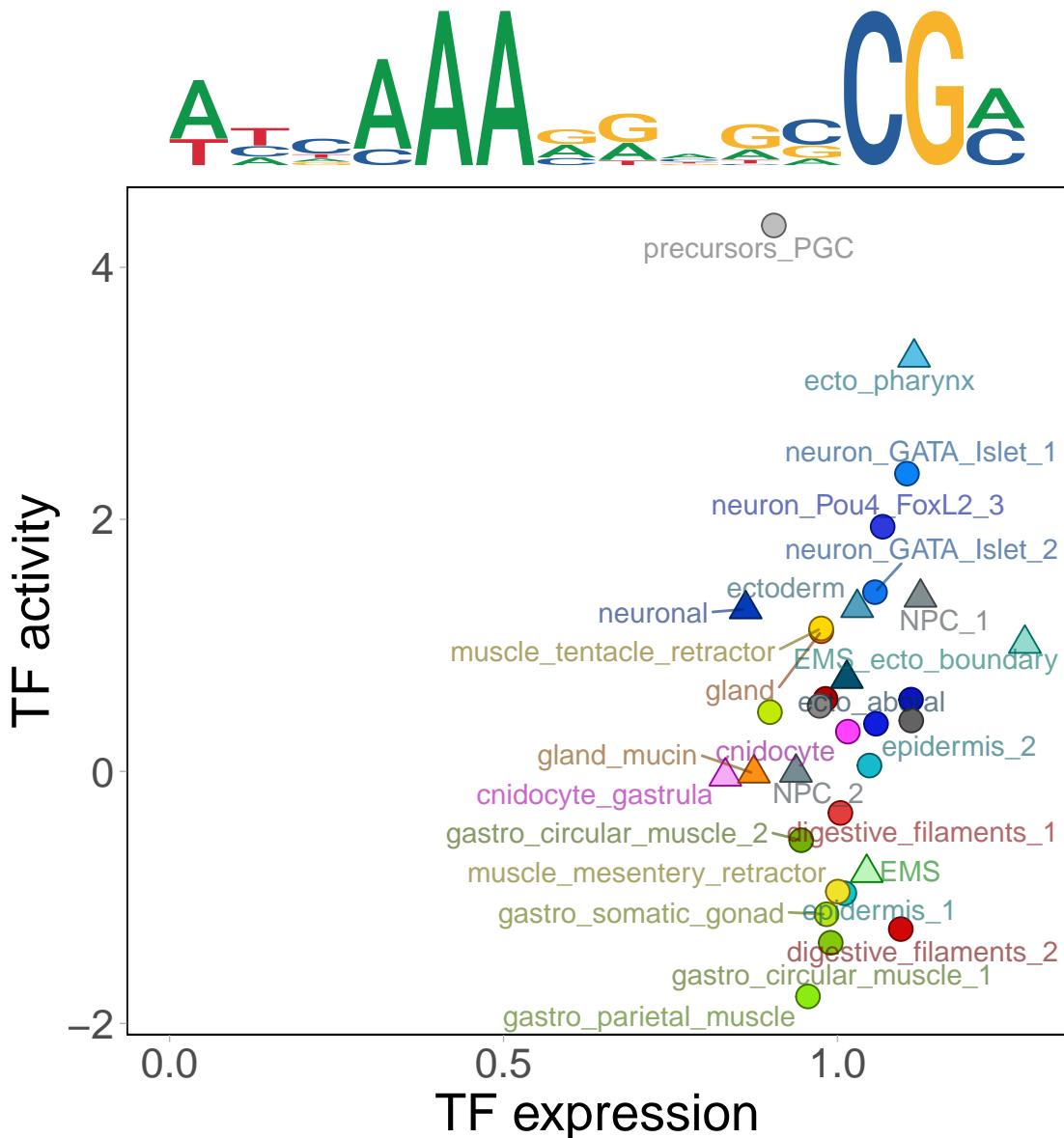
Nvec_vc1.1_XM_048731755.1
OG: Homeodomains.HG1.5:like:AC0040
PFAM: Homeodomain
motif: ARCH167_Nanog
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 177
gene expression correlation: 0.2759
gene score correlation: 0.5541



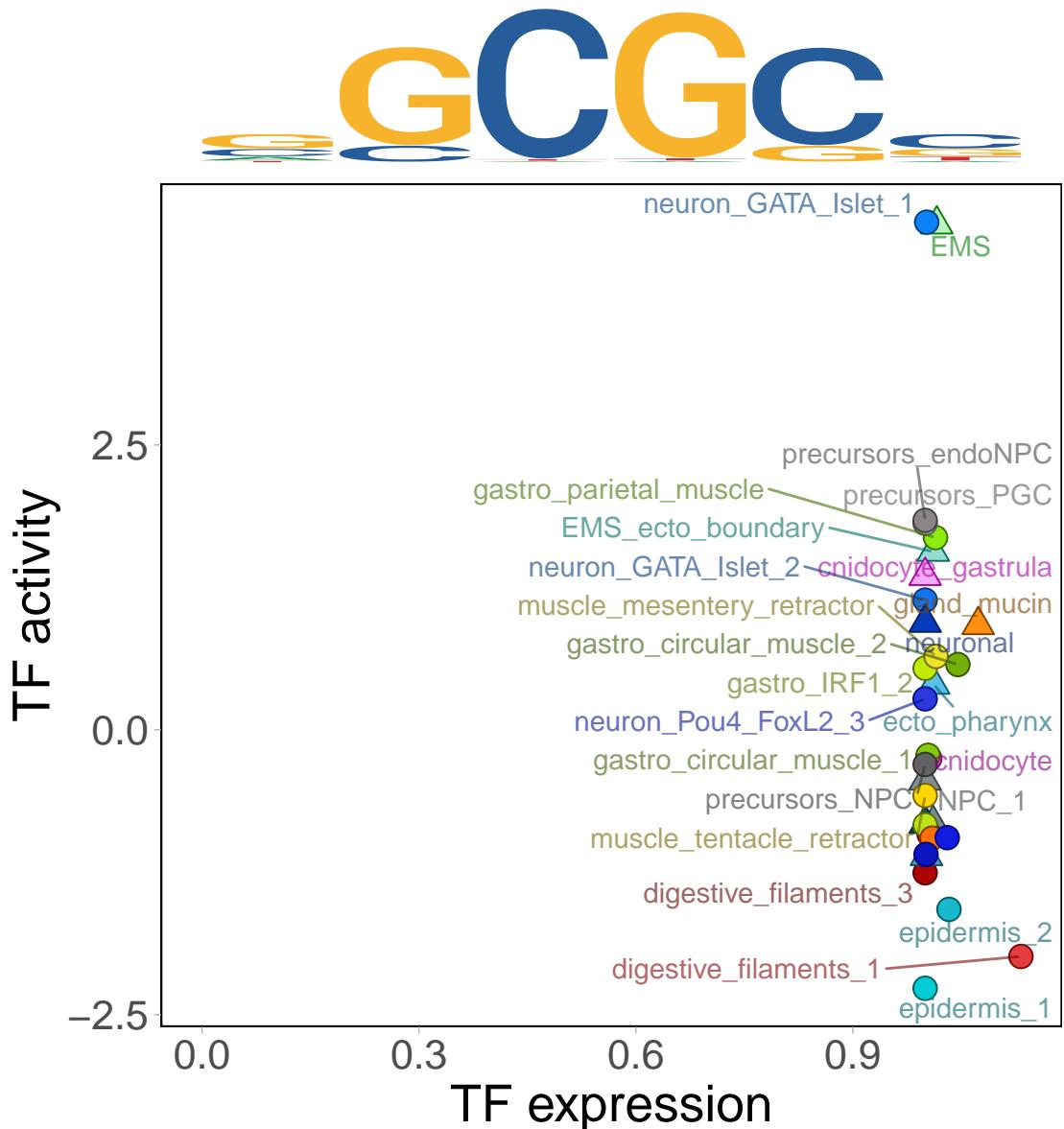
Nvec_vc1.1_XM_048731942.1
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/
PFAM: HLH
motif: M08734_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2177
gene score correlation: 0.7034



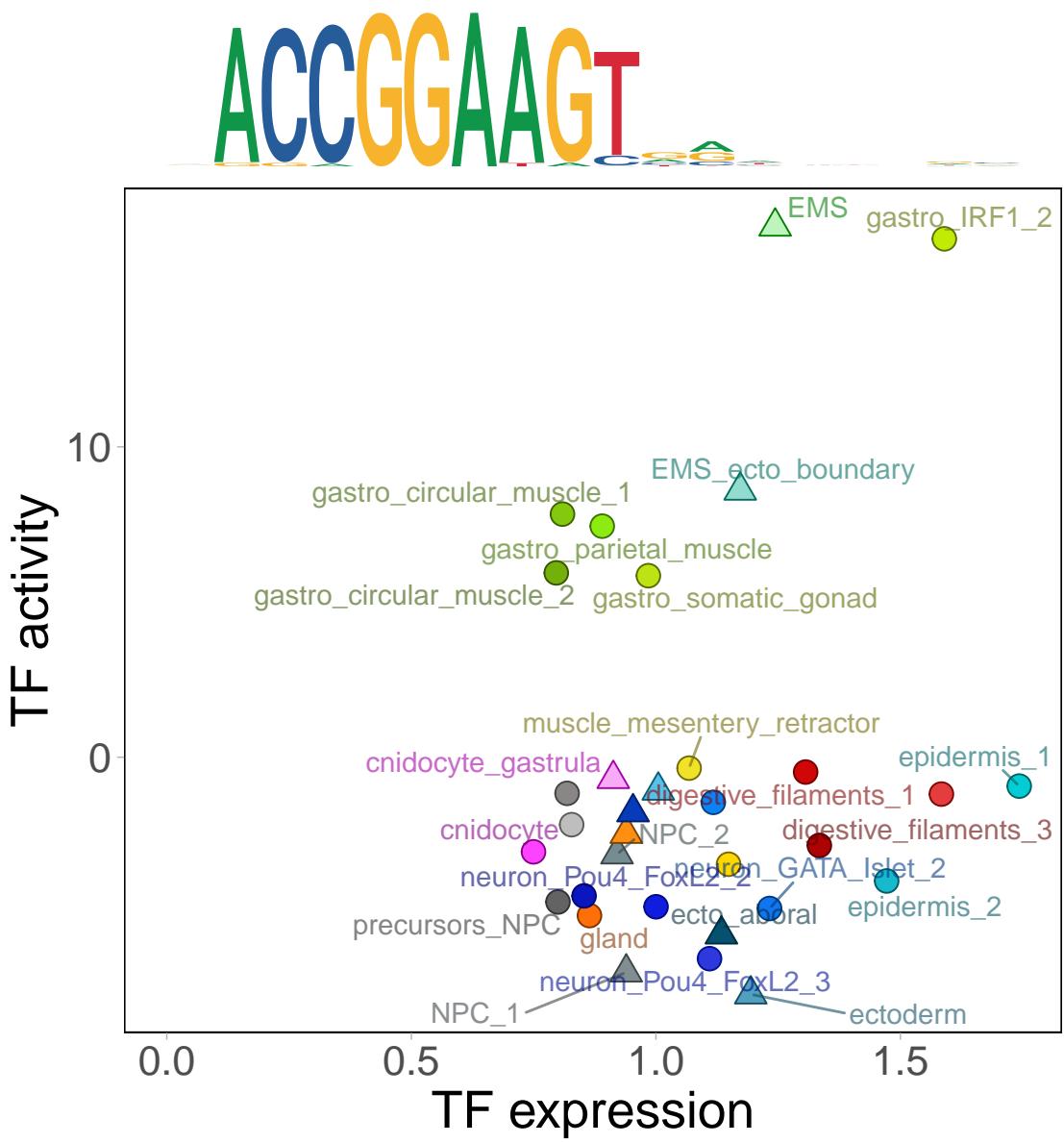
Nvec_vc1.1_XM_048731950.1
OG: HMGbox_Sox.HG1.39:HMGXBX4
PFAM: HMG_box
motif: ARCH1159_Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 88
gene expression correlation: 0.1488
gene score correlation: 0.1302



Nvec_vc1.1_XM_048732398.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 360
gene expression correlation: -0.1698
gene score correlation: 0.2623



Nvec_vc1.1_XM_048732532.1
OG: Ets.HG1.8:ETS1/ETS2
PFAM: Ets
motif: Ets2/Ets1/Etv2_241030_streme
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 0
gene expression correlation: 0.1660
gene score correlation: 0.2644



Nvec_vc1.1_XM_048732776.1

OG: HMGbox_Sox.HG1.22:MAEL

PFAM: HMG_box_2/Maelstrom

motif: M11336_2.00

TF family: HMGbox_Sox

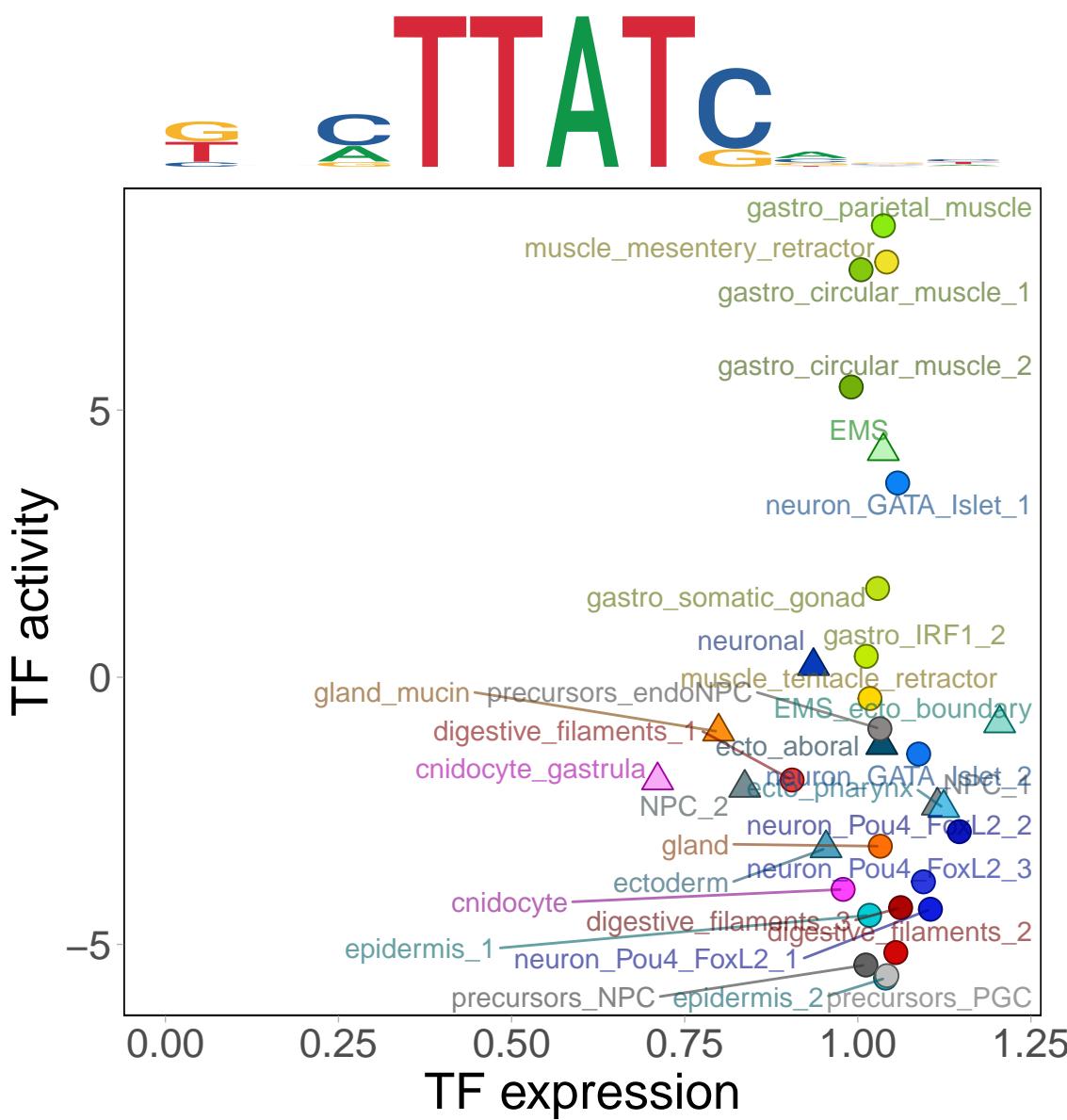
archetype family: HMGbox_Sox

CisBP assigned: TRUE

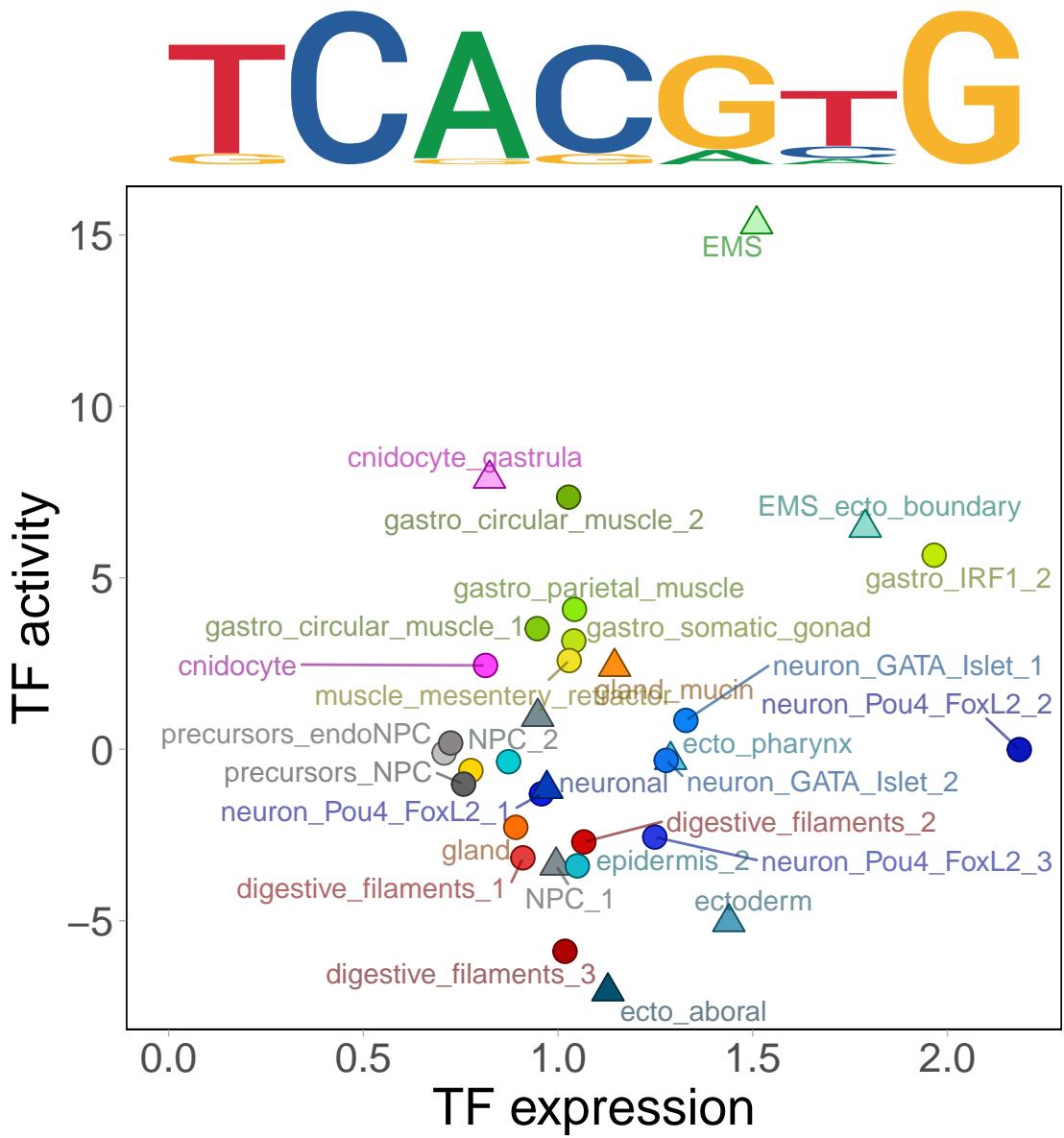
rank: 0

gene expression correlation: -0.0342

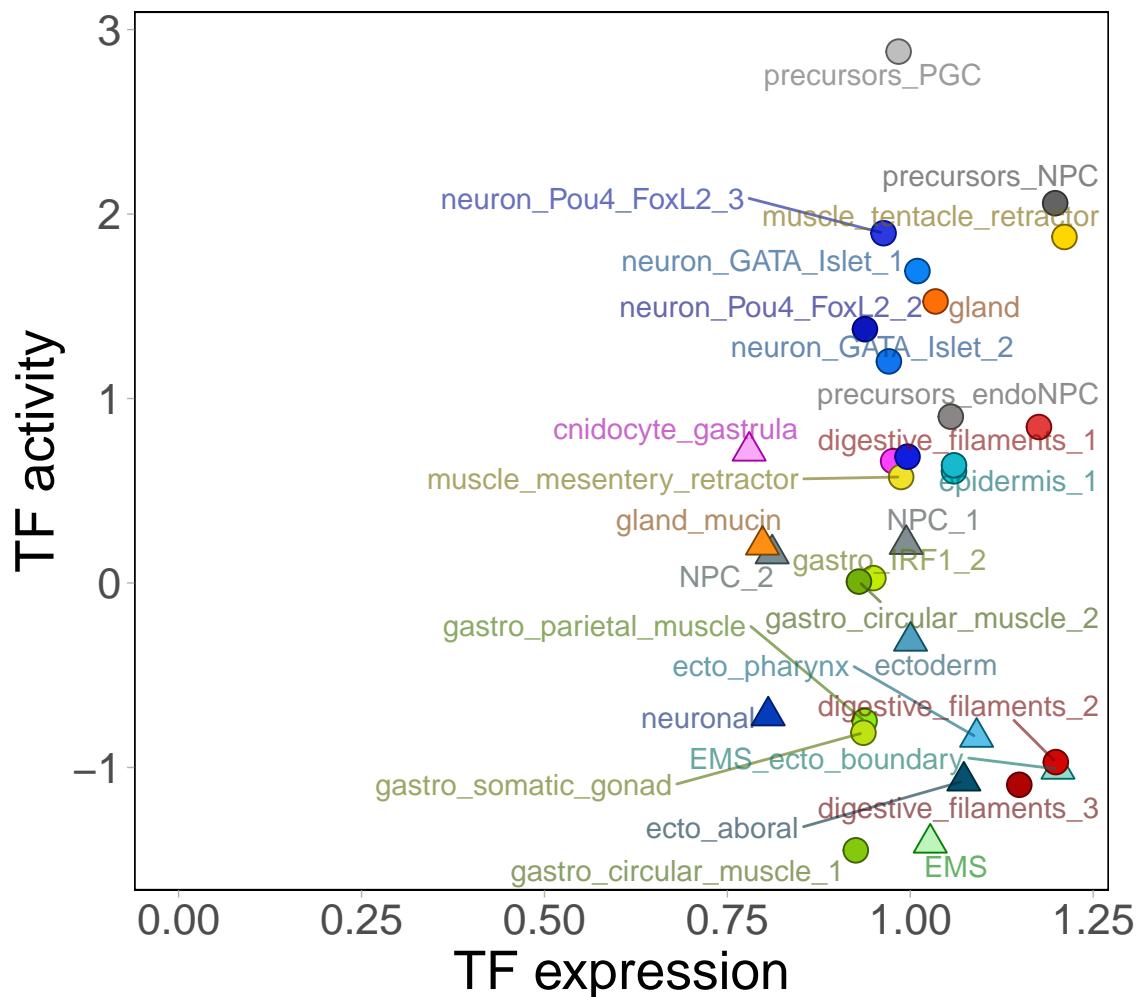
gene score correlation: -0.1302



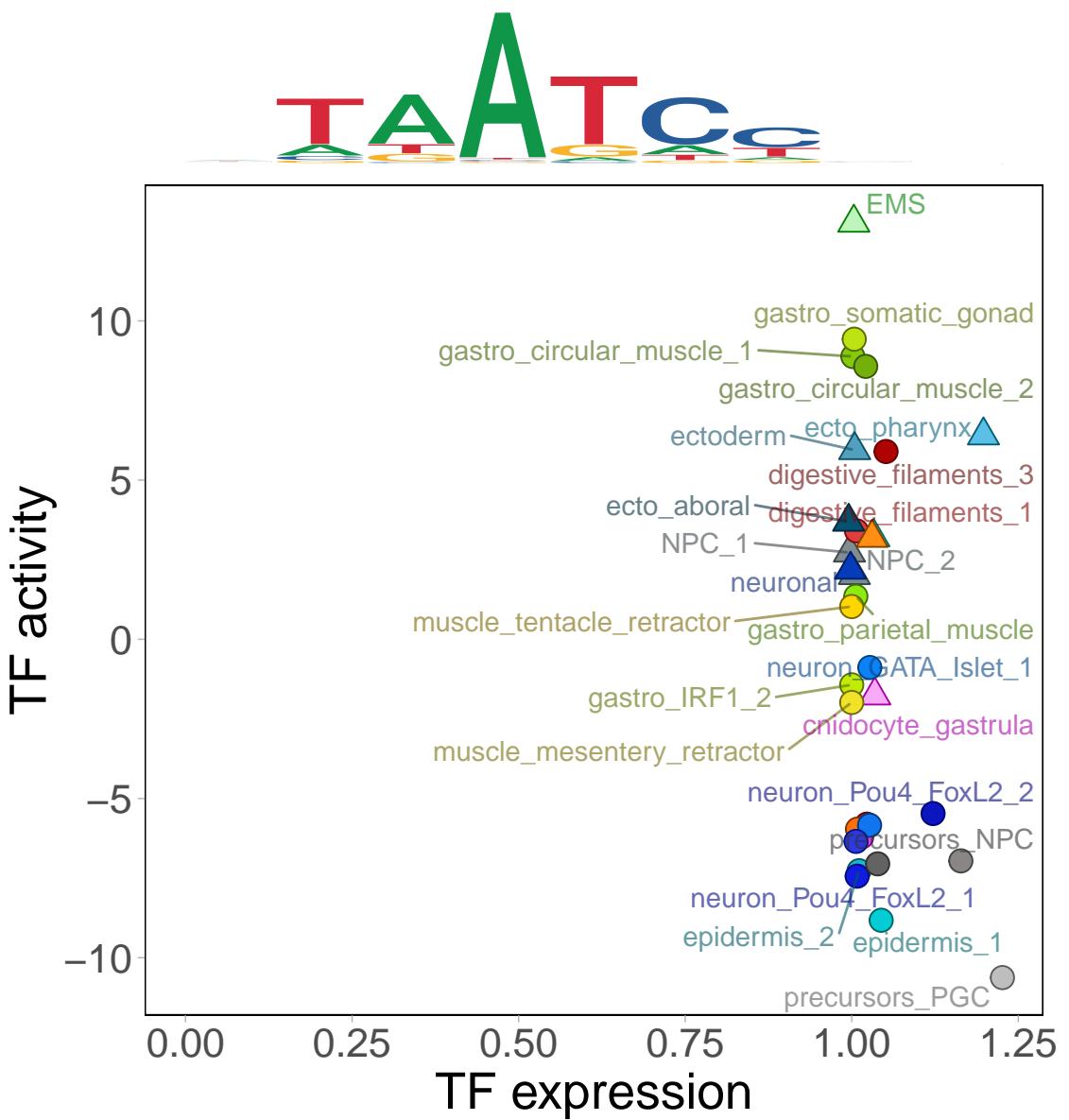
Nvec_vc1.1_XM_048733302.1
OG: HLH.HG1.33:MITF/TFE3/TFEB/TF
PFAM: MITF_TFEB_C_3_N/HLH
motif: M06003_2.00
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2377
gene score correlation: -0.0880



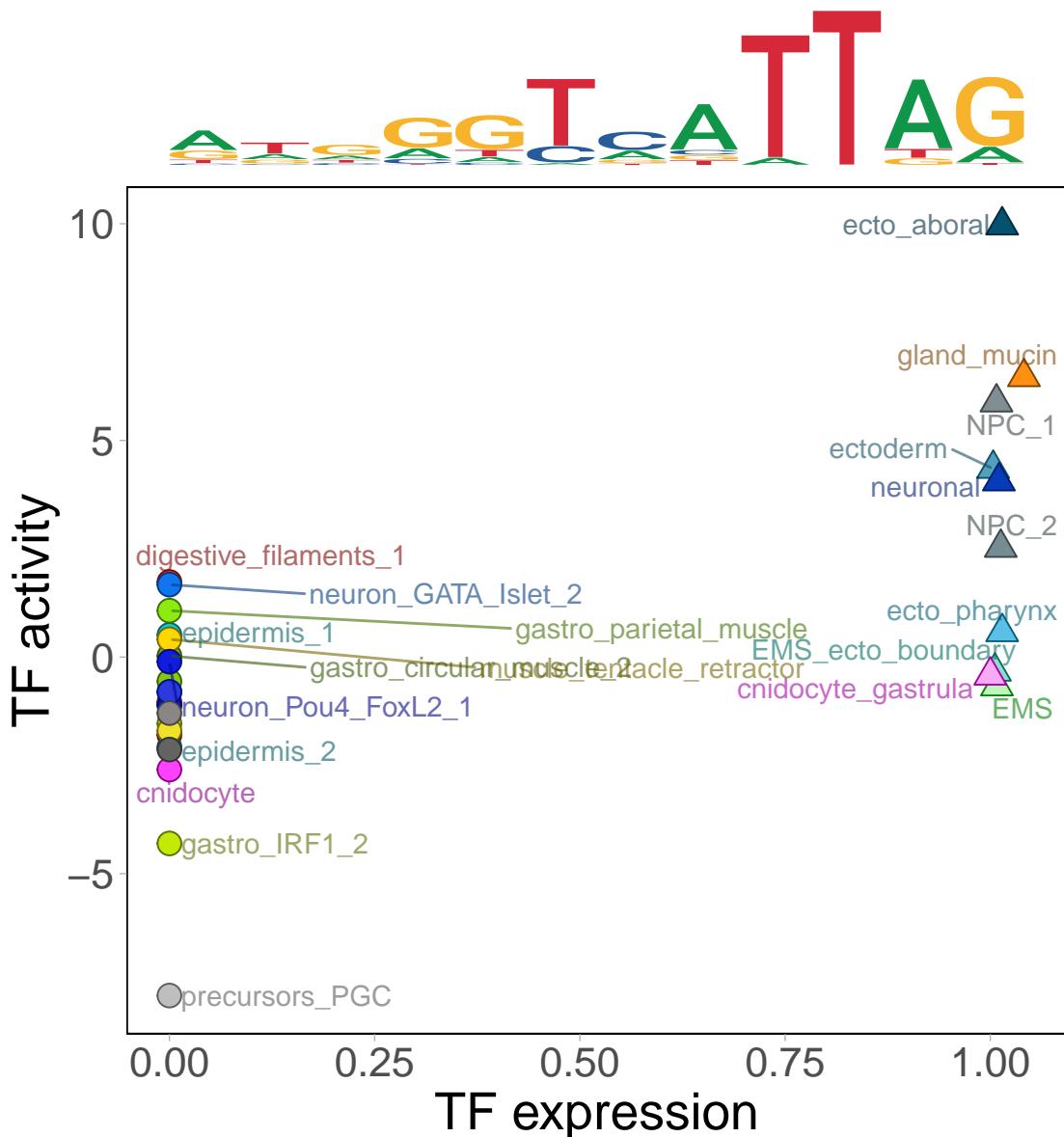
Nvec_vc1.1_XM_048733498.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1
PFAM: Myb_DNA-bind_4/Myb_DNA-bind_5
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 633
gene expression correlation: 0.0414
gene score correlation: 0.2458



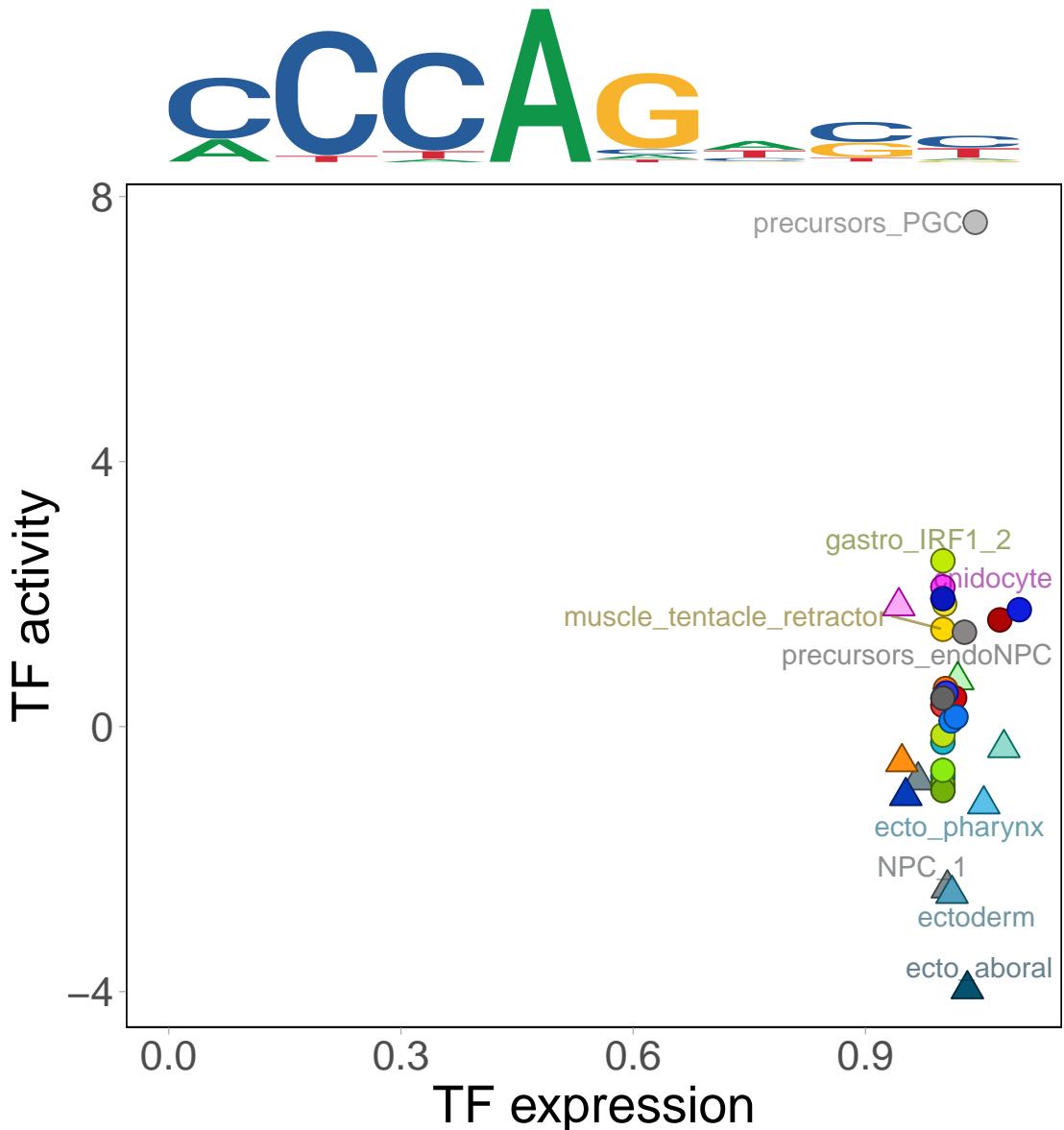
Nvec_vc1.1_XM_048733519.1
OG: Homeodomains.HG2.73:like:DMB
PFAM: Homeodomain
motif: M00490_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 0
gene expression correlation: -0.2819
gene score correlation: 0.0405



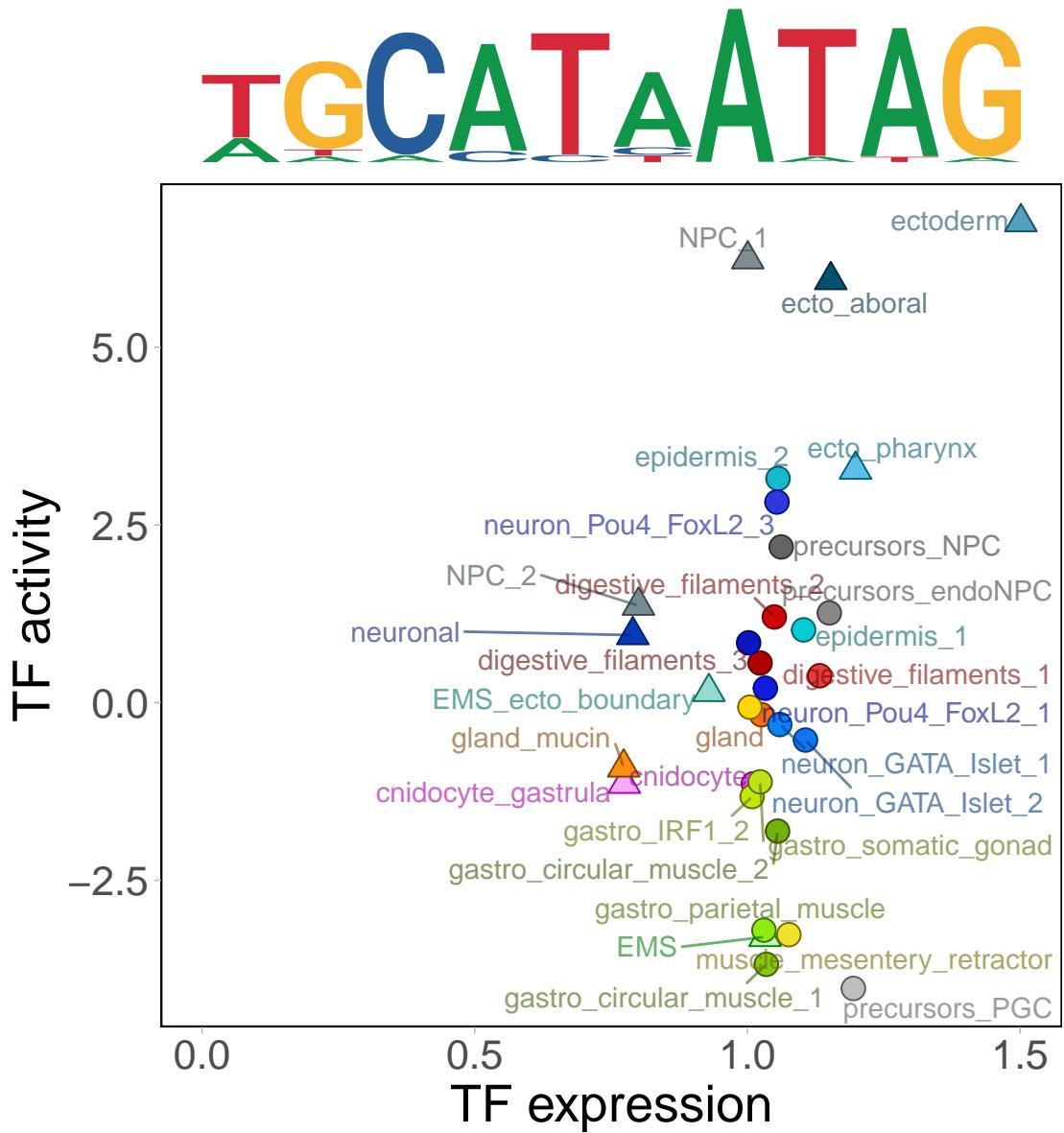
Nvec_vc1.1_XM_048733551.1
OG: Homeodomains.HG1.5:like:AC0040
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1262
gene expression correlation: 0.6326
gene score correlation: 0.0199



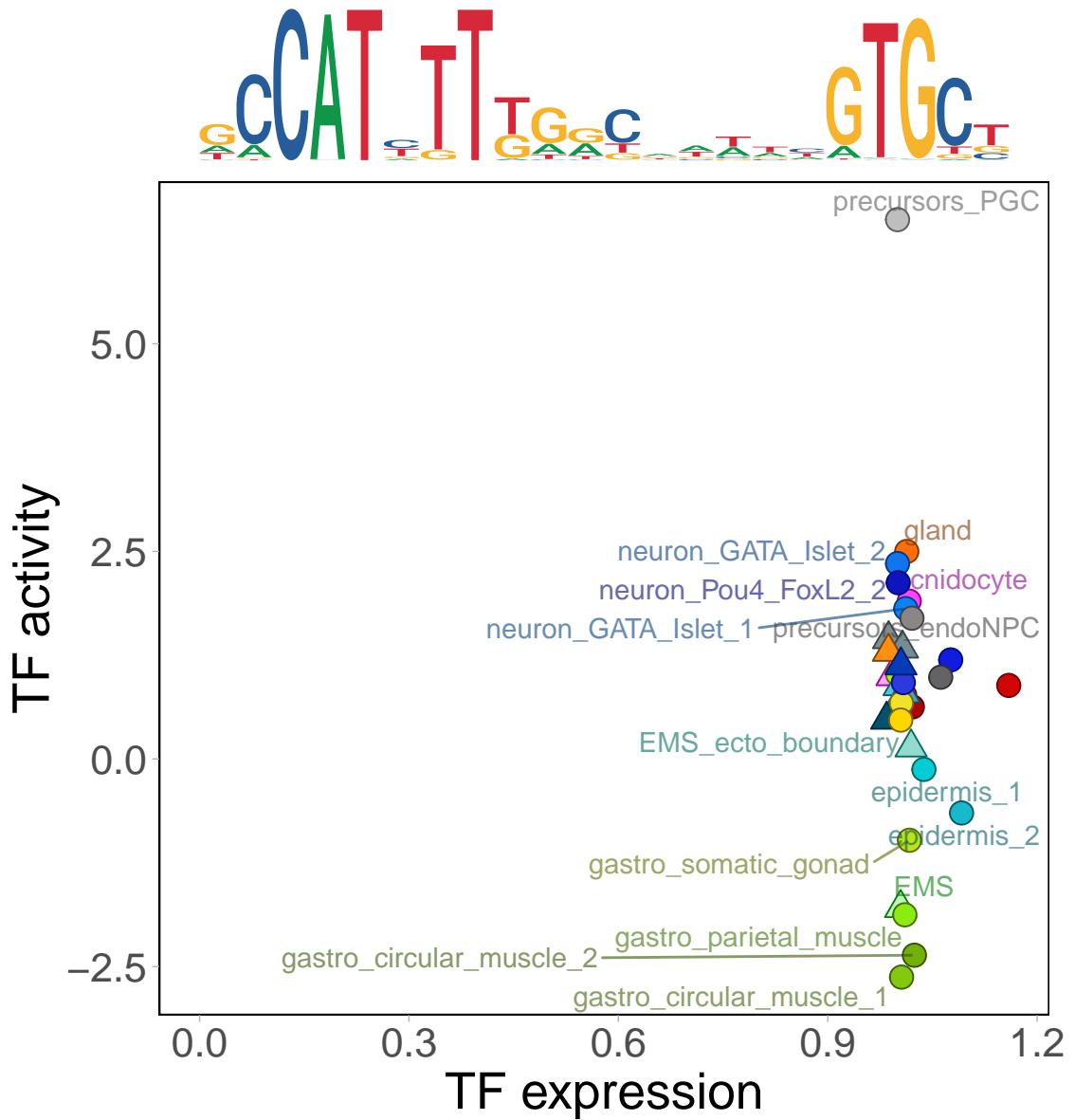
Nvec_vc1.1_XM_048734004.1
OG: zf-C2H2.HG99.0:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH667_RBPJ_ZNF416
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 6
gene expression correlation: 0.1561
gene score correlation: 0.6886



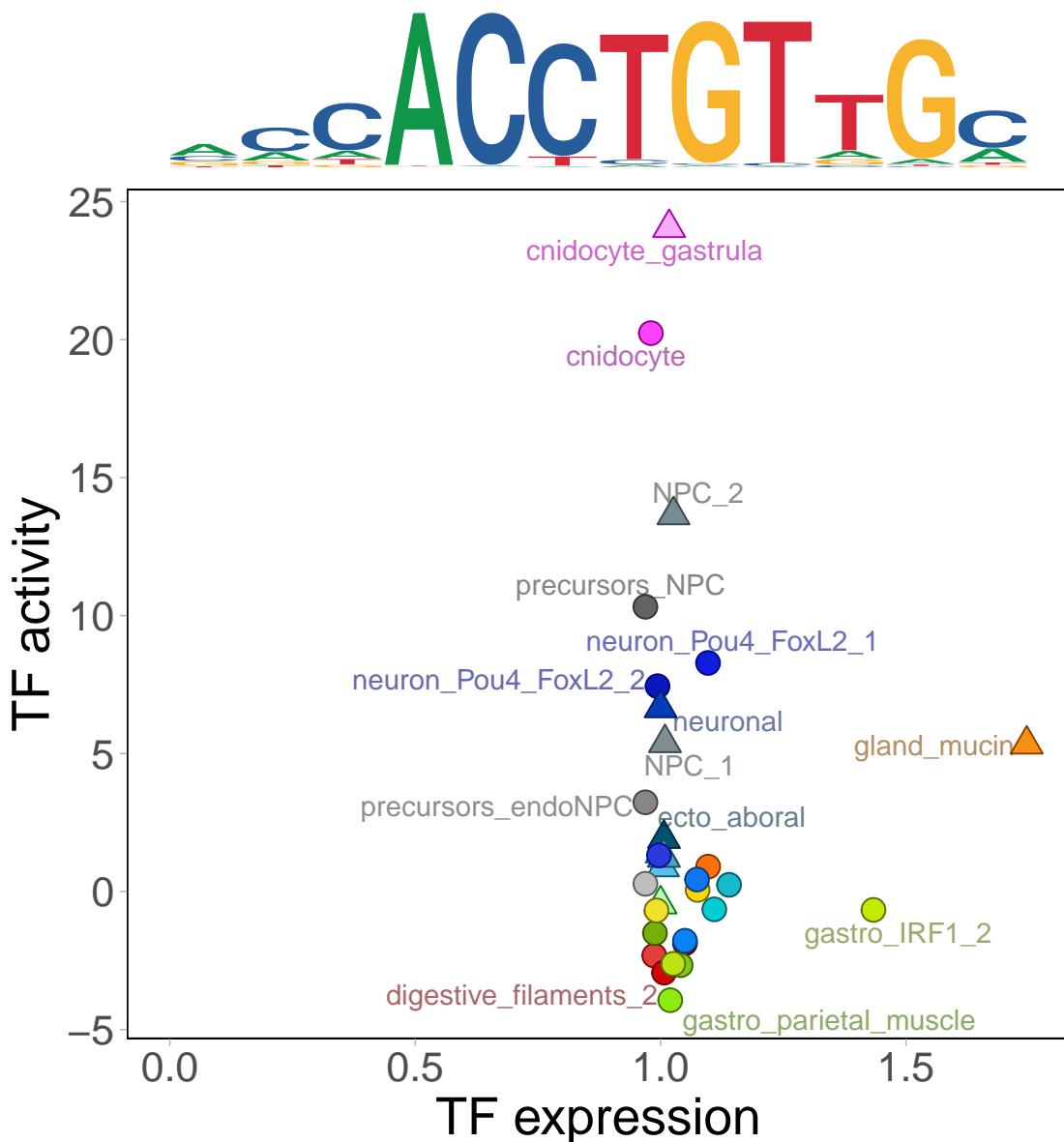
Nvec_vc1.1_XM_048734435.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP/E2F_CC-MB
motif: ARCH1058_Pdp1
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 65
gene expression correlation: 0.3241
gene score correlation: 0.0814



Nvec_vc1.1_XM_048734482.1
OG: zf-C2H2.HG1.142:like:AC008758.1
PFAM: zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2_1
motif: ARCH1255_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 21
gene expression correlation: -0.1160
gene score correlation: 0.1272



Nvec_vc1.1_XM_048734570.1
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf-C2H2_6/zf-C2H2/zf-C2H2/zf-C2H2_1
motif: ARCH861_Scrt2/Scrt1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 6
gene expression correlation: -0.0396
gene score correlation: 0.6327



Nvec_vc1.1_XM_048734691.1
OG: zf-C2H2.HG70.1:NA
PFAM: zf-C2H2/zf-met/zf-C2H2/zf-C2
motif: ARCH836_M08316_2.00__M089
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.9196
gene score correlation: 0.9273

