

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

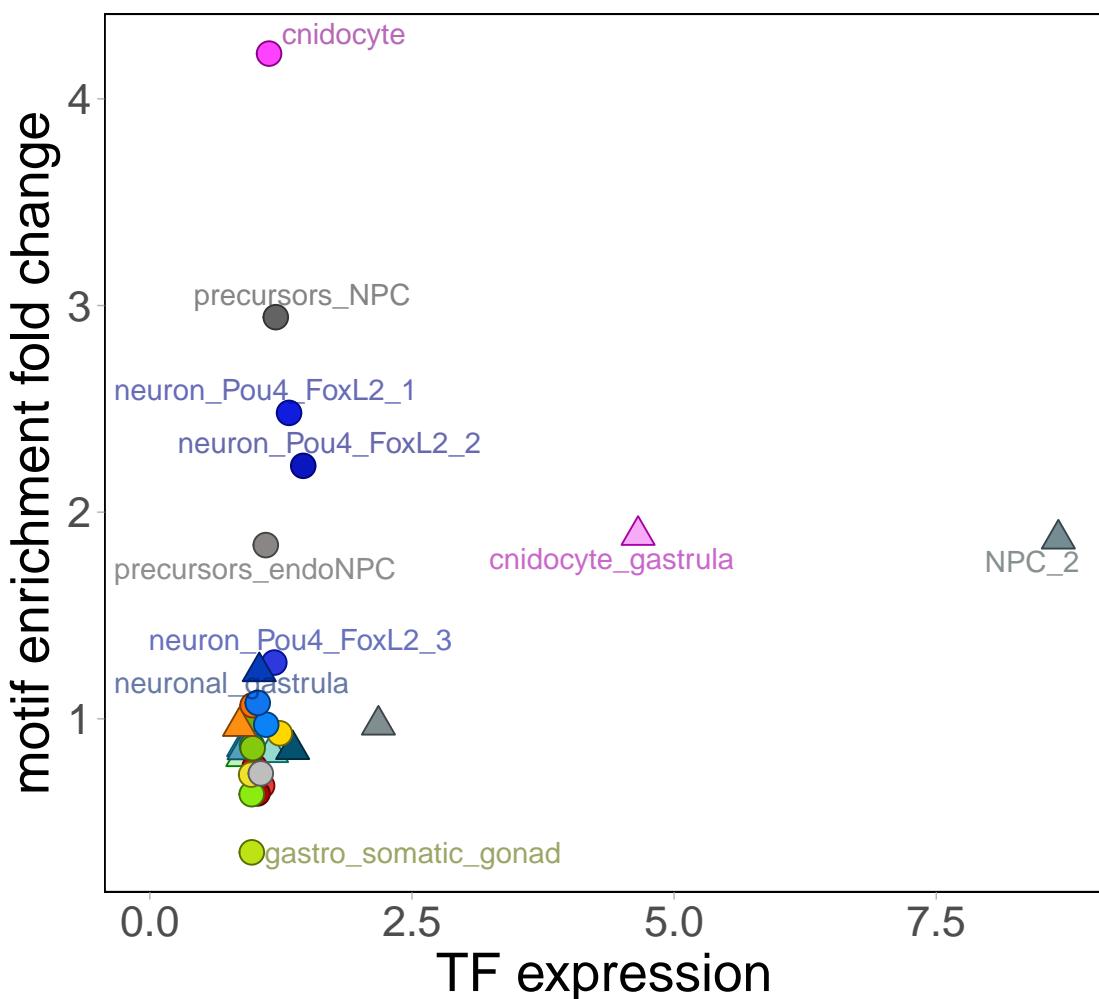
archetype family: zf-C2H2

CisBP assigned: FALSE

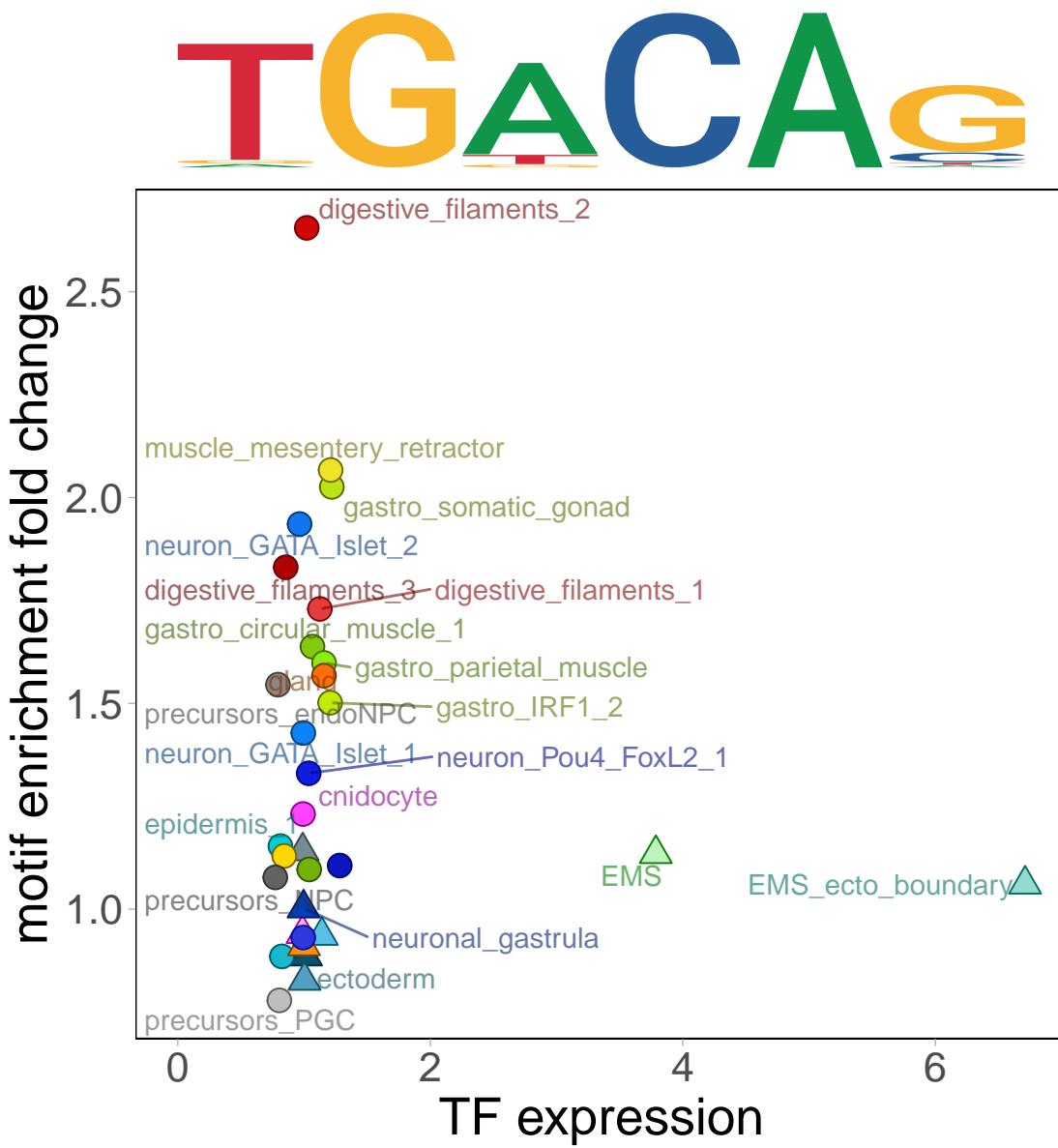
rank: 1

gene expression correlation: 0.2335

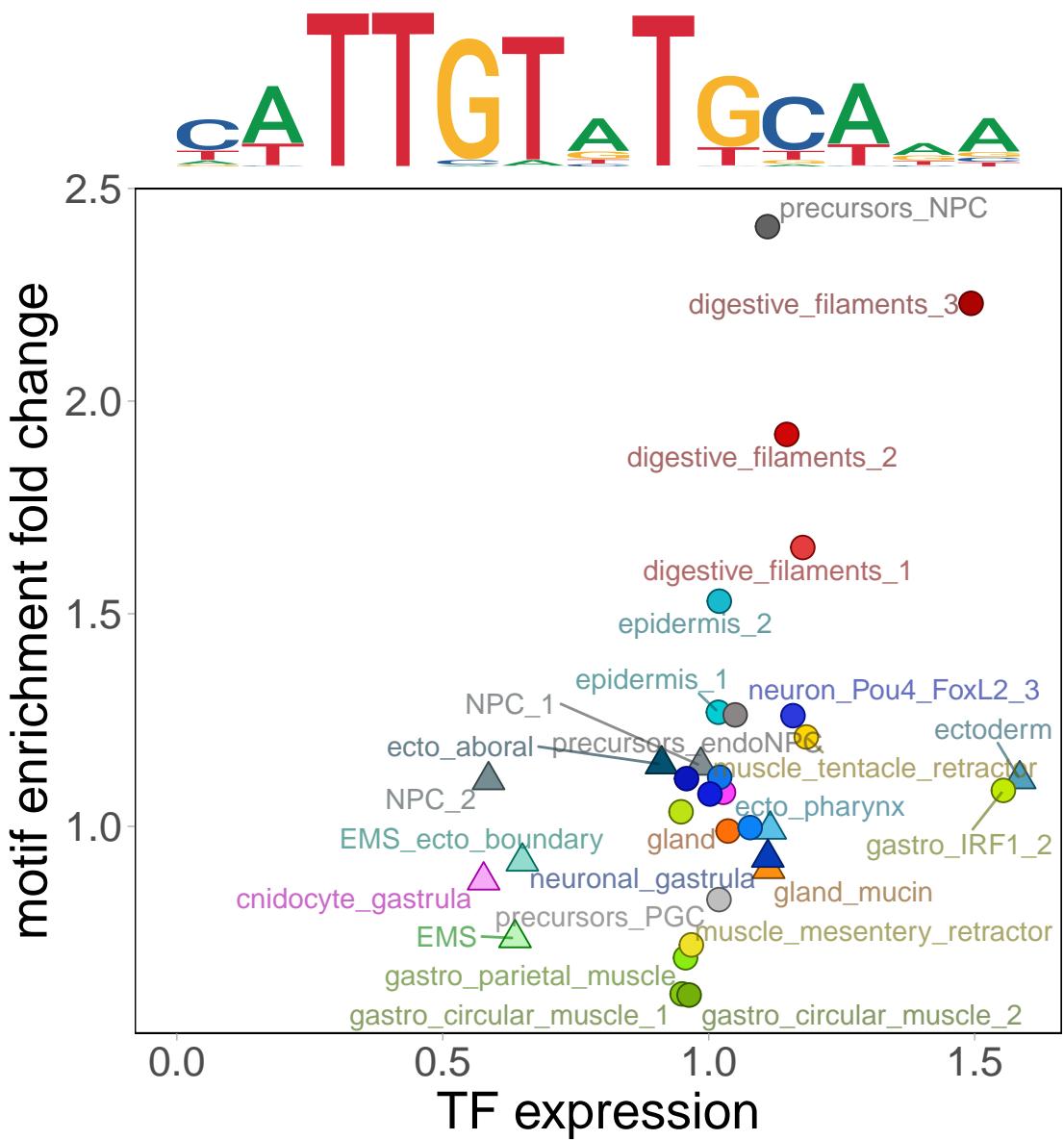
gene score correlation: 0.7835



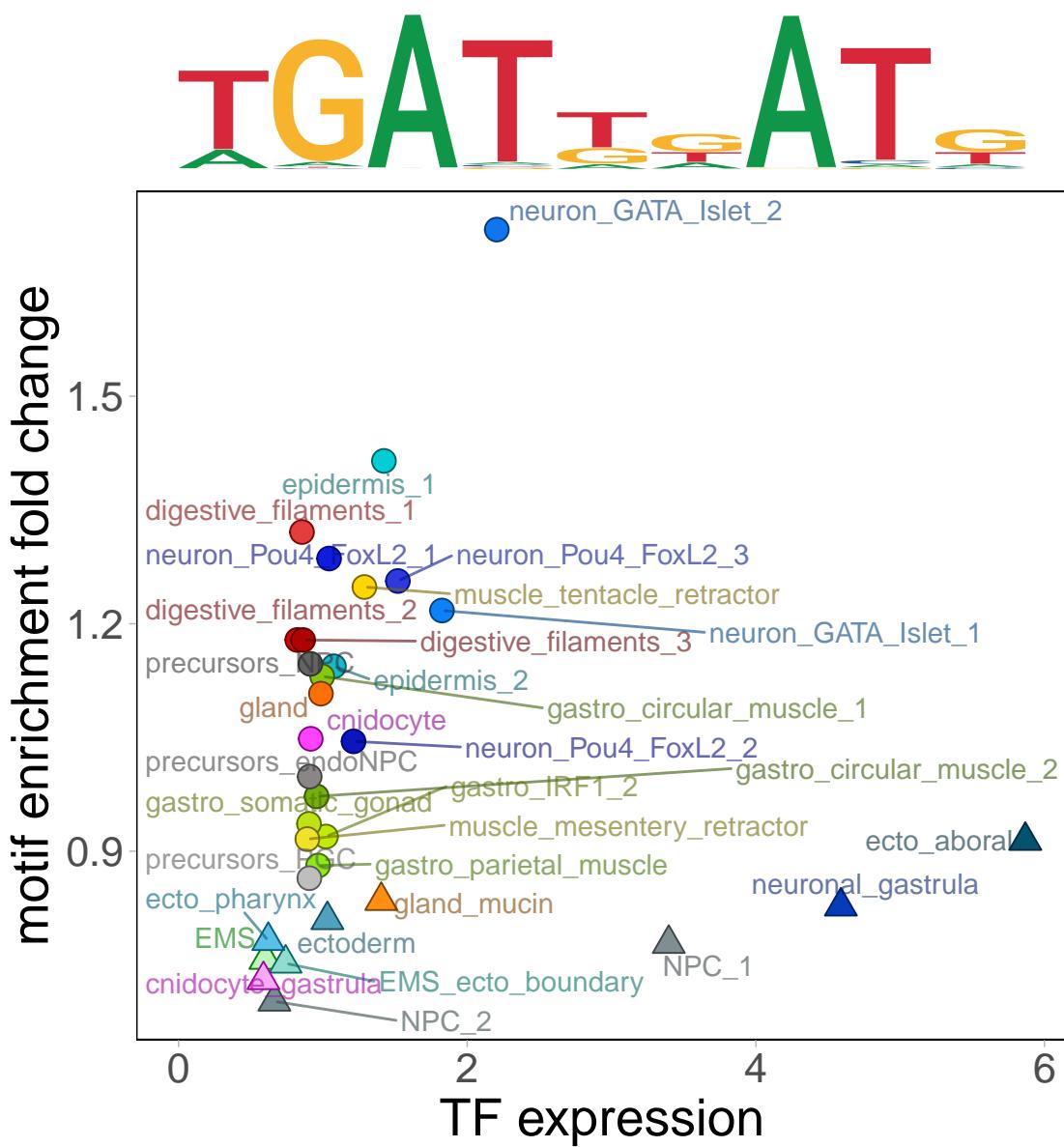
Nvec_vc1.1_XM_001623084.3 (Six4/5)
OG: Homeodomains.HG3.24:SIX4/SIX5
PFAM: SIX1_SD/Homeodomain
motif: ARCH1503_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: -0.0878
gene score correlation: 0.4335



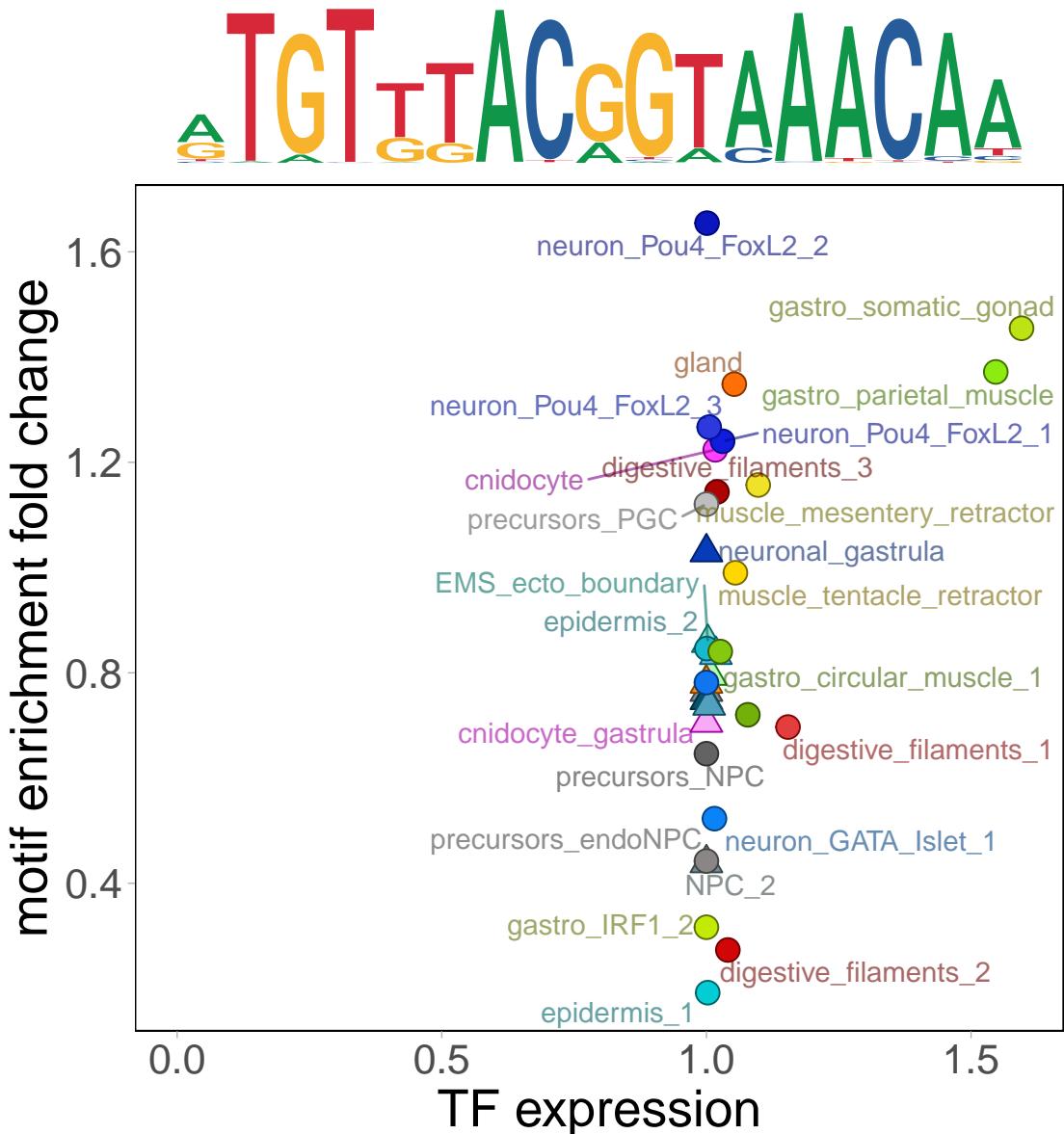
Nvec_vc1.1_XM_001624716.3 (NvSox1
OG: HMGbox_Sox.HG1.35:SOX1/SOX2
PFAM: HMG_box/SOXP
motif: ARCH67_Oct4:Sox17
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.4101
gene score correlation: 0.6354



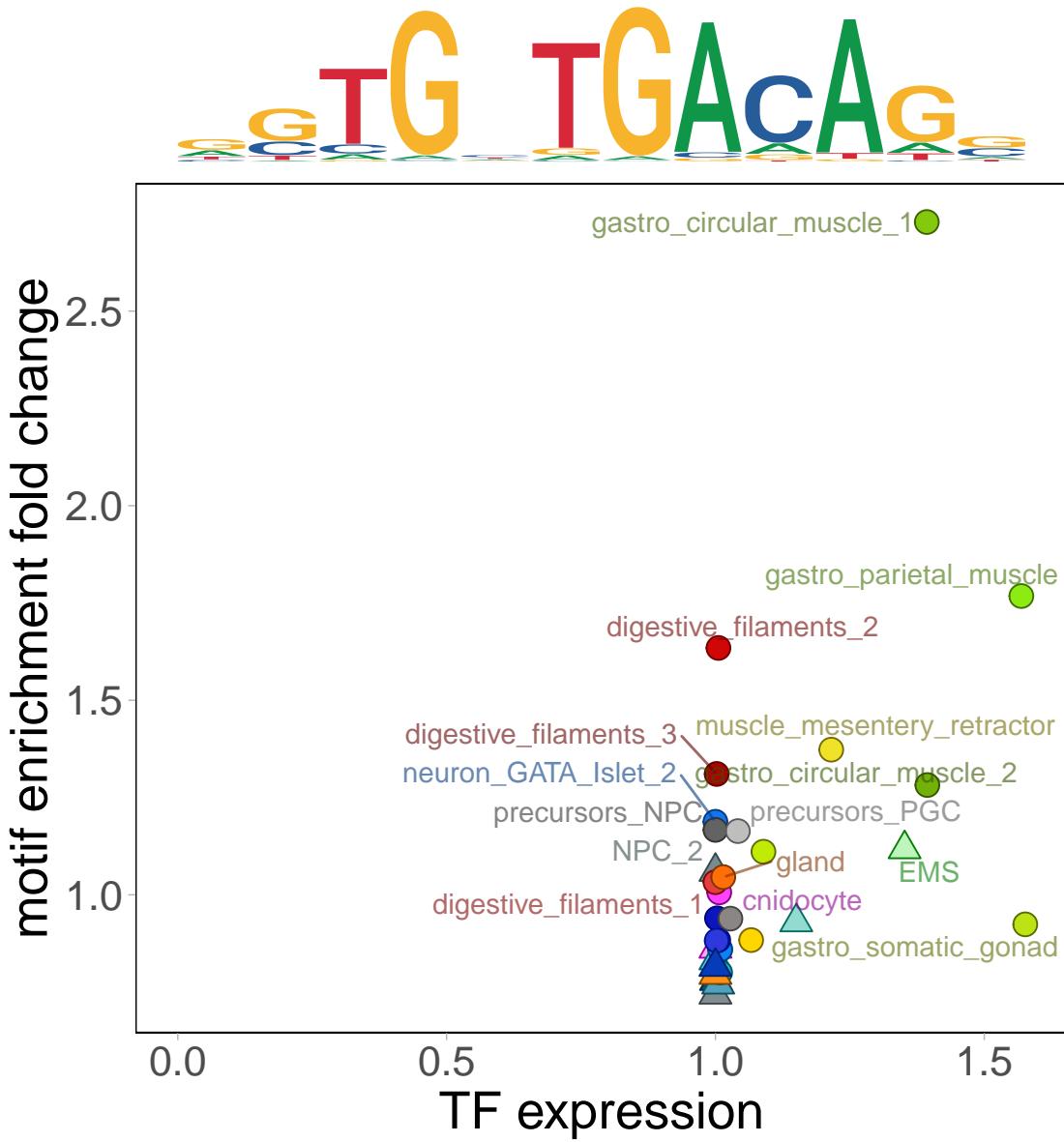
Nvec_vc1.1_XM_001625109.3 (Six3/6)
OG: Homeodomains.HG3.30:SIX3/SIX6
PFAM: SIX1_SD/Homeodomain
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: -0.0150
gene score correlation: 0.3953



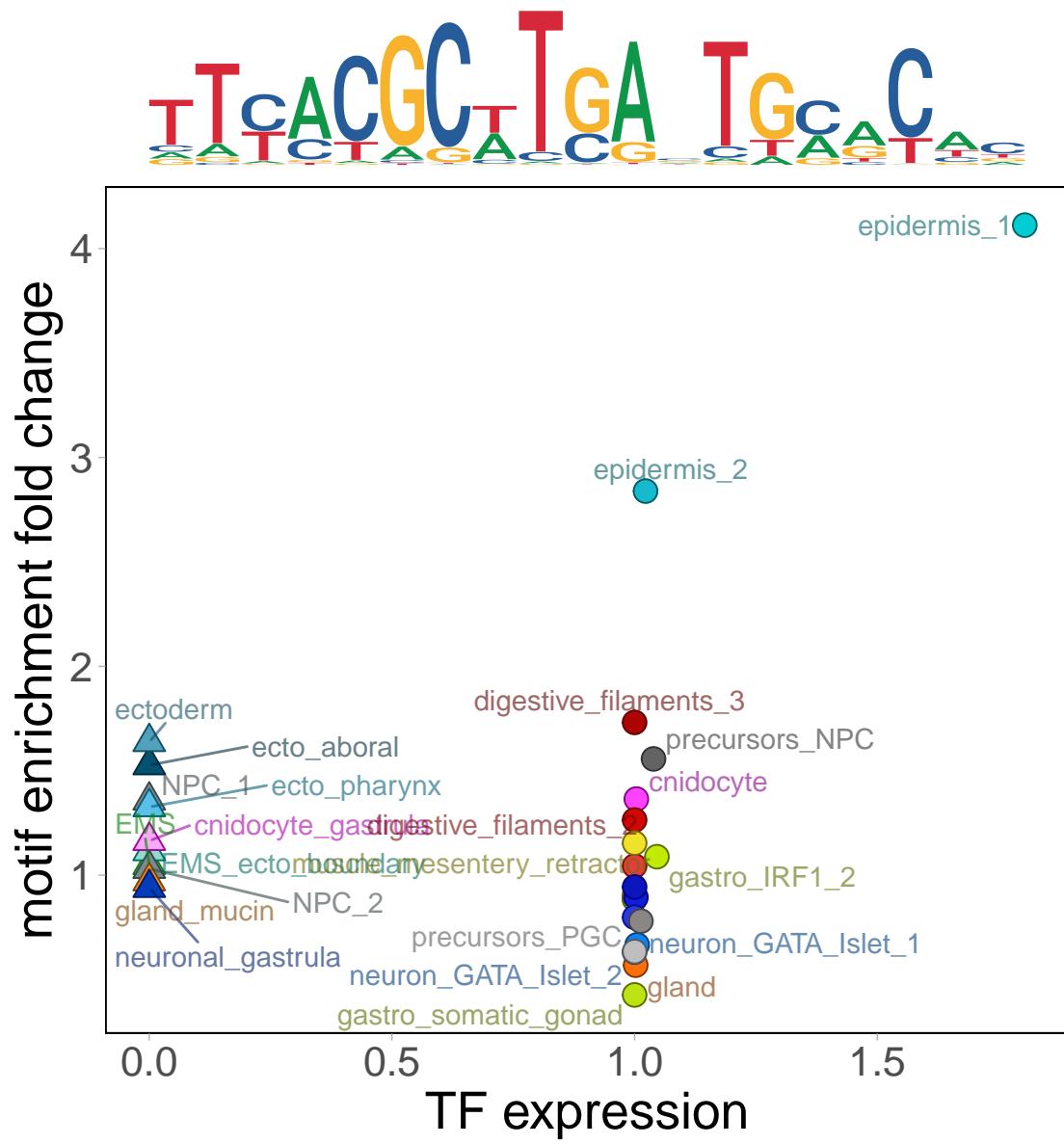
Nvec_vc1.1_XM_001625950.3 (FoxC)
OG: Forkhead.HG1.10:FOXC1/FOXC2
PFAM: Forkhead
motif: ARCH964_Foxc2/Foxc1_Foxg1/G
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 236
gene expression correlation: 0.4089
gene score correlation: 0.2664



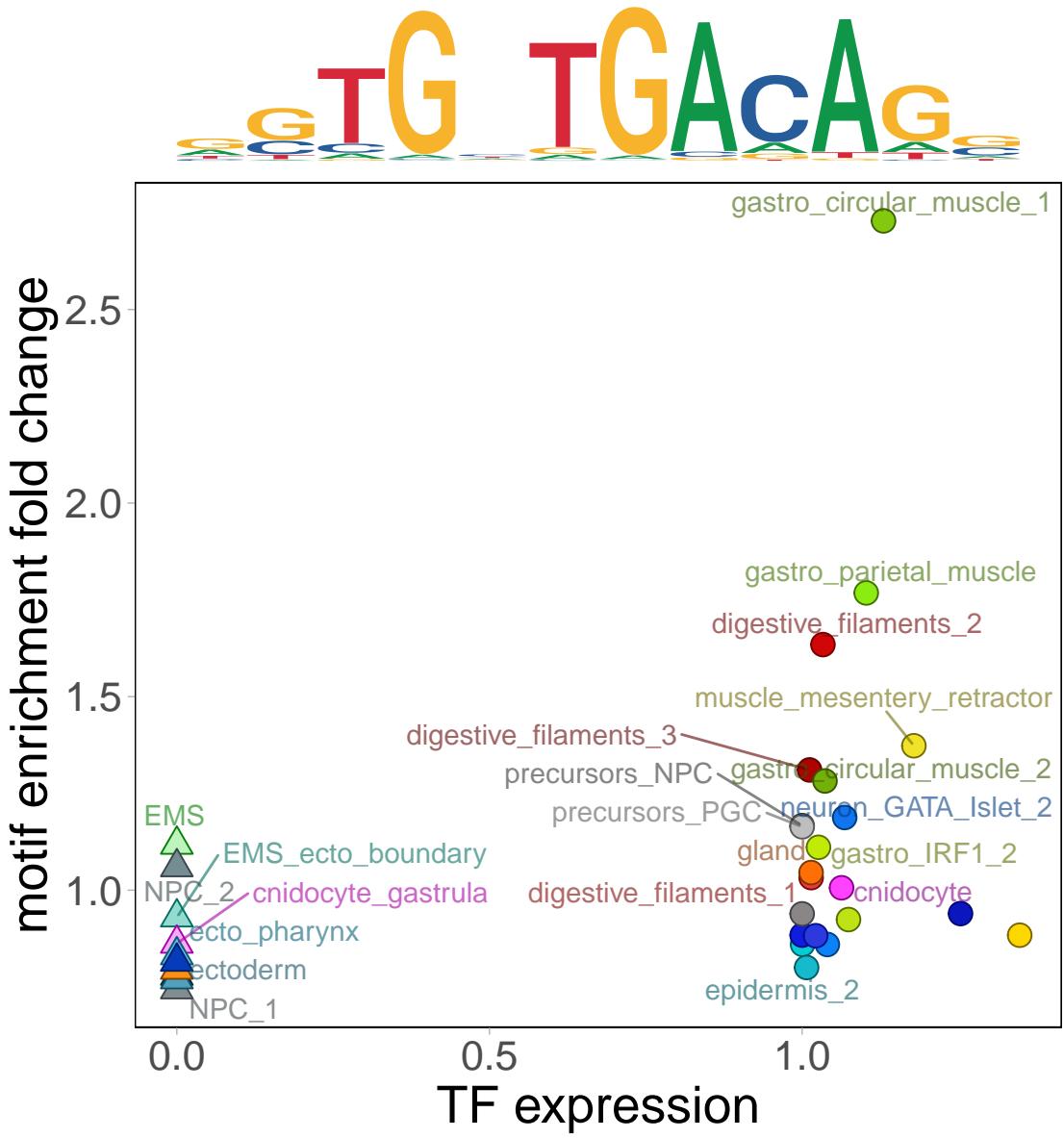
Nvec_vc1.1_XM_001627136.3 (Tbx1/10)
OG: T-box.HG1.13:TBX1/TBX10/TBX1
PFAM: T-box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5228
gene score correlation: 0.7360



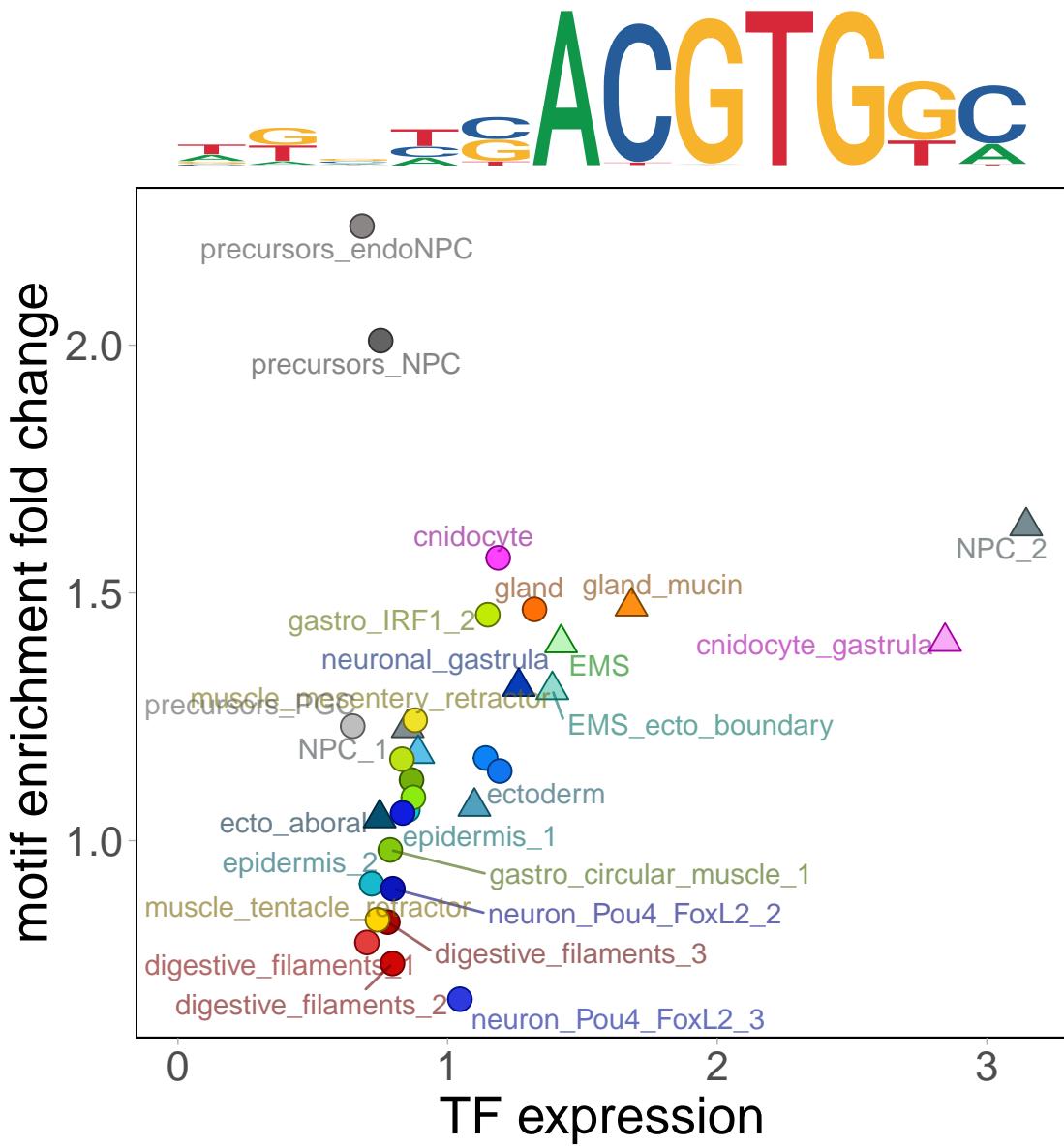
Nvec_vc1.1_XM_001628635.3 (PAX3/7)
OG: Homeodomains.HG2.28:PAX3/PAX
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2000
gene score correlation: 0.7877



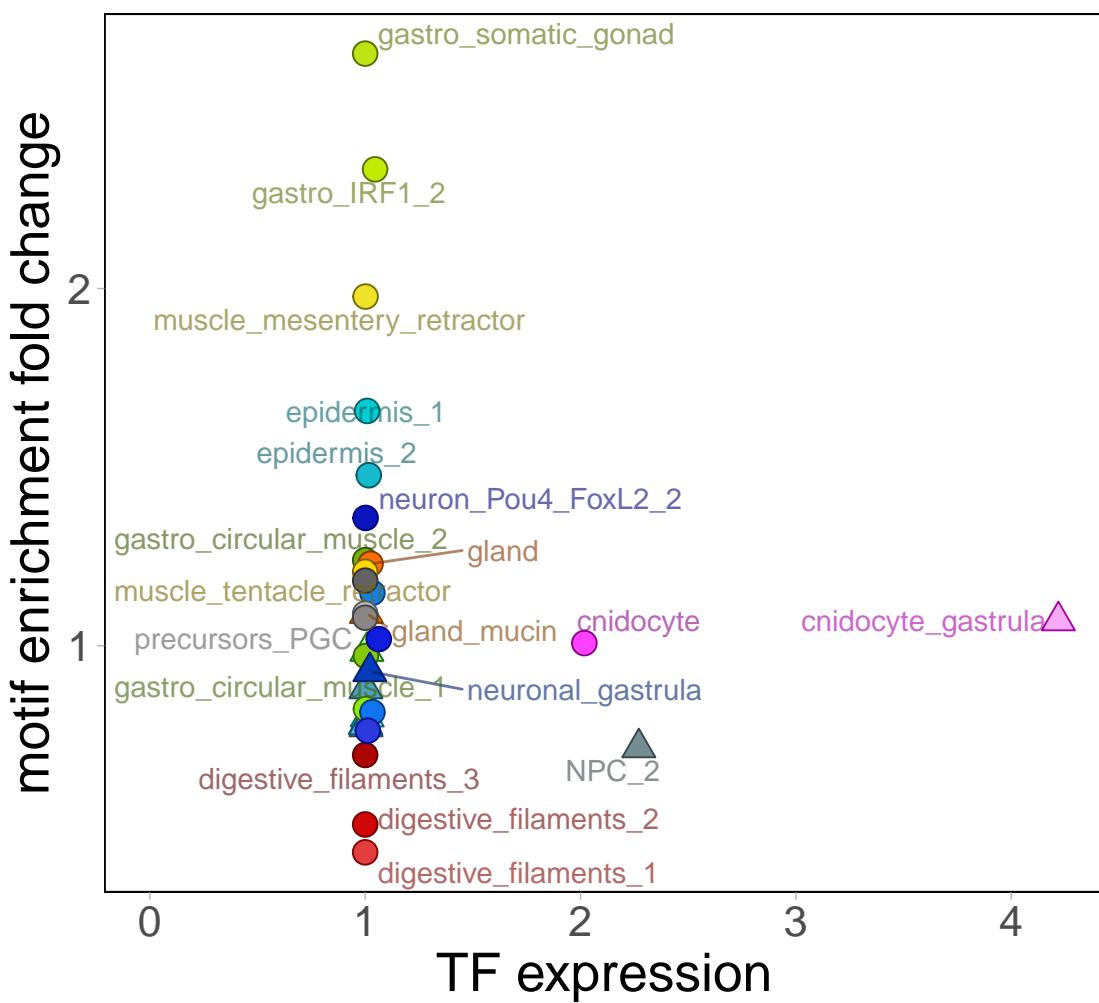
Nvec_vc1.1_XM_001629218.3 (TBX20)
OG: T-box.HG1.13:TBX1/TBX10/TBX1
PFAM: T-box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T-box
archetype family: T-box
CisBP assigned: TRUE
rank: 4
gene expression correlation: 0.3799
gene score correlation: 0.7906



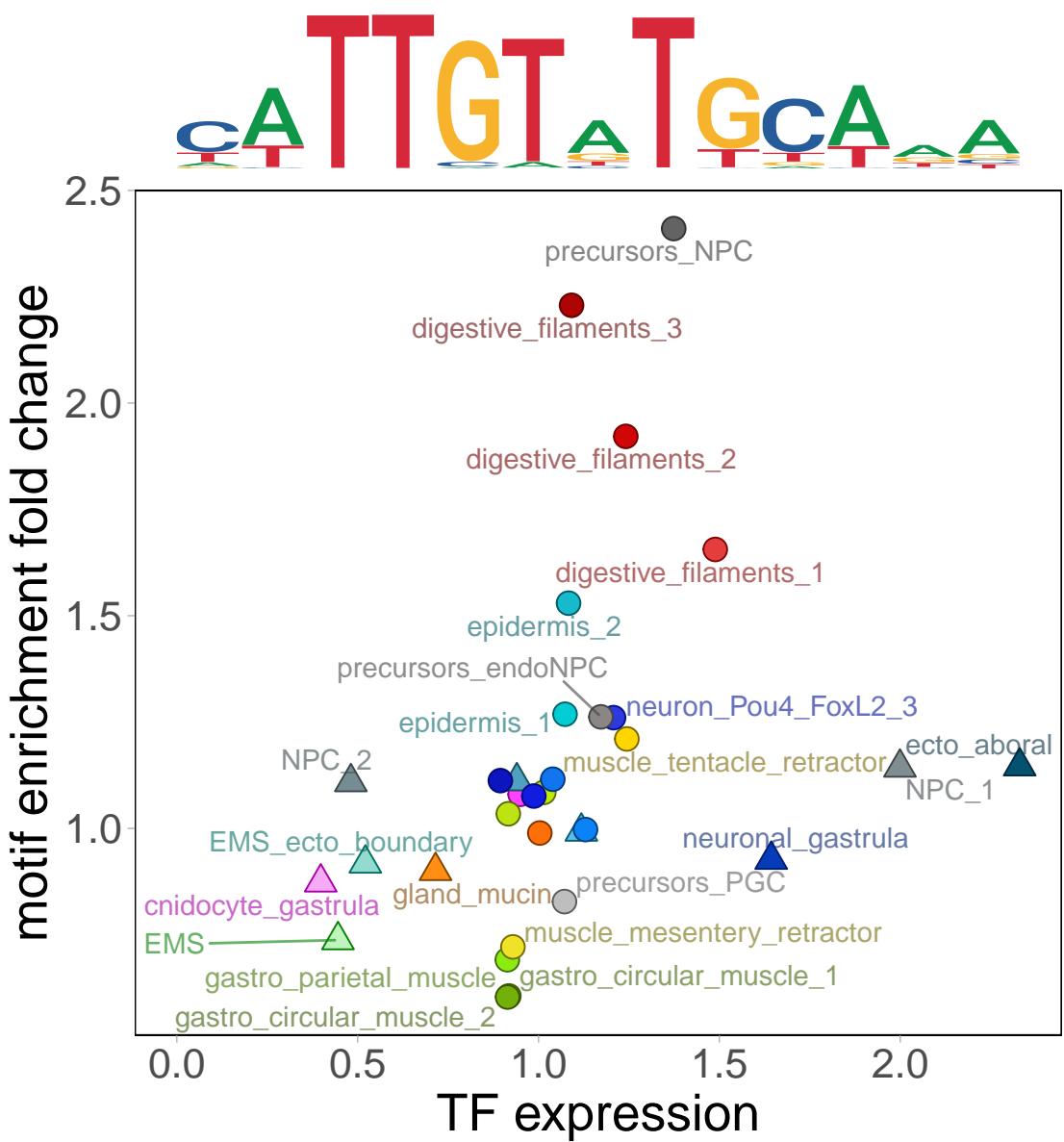
Nvec_vc1.1_XM_001629694.3 (XBP1)
OG: bZIP.HG1.16:XBP1
PFAM: bZIP_1
motif: ARCH949_bZIP48
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 19
gene expression correlation: 0.3193
gene score correlation: 0.2334



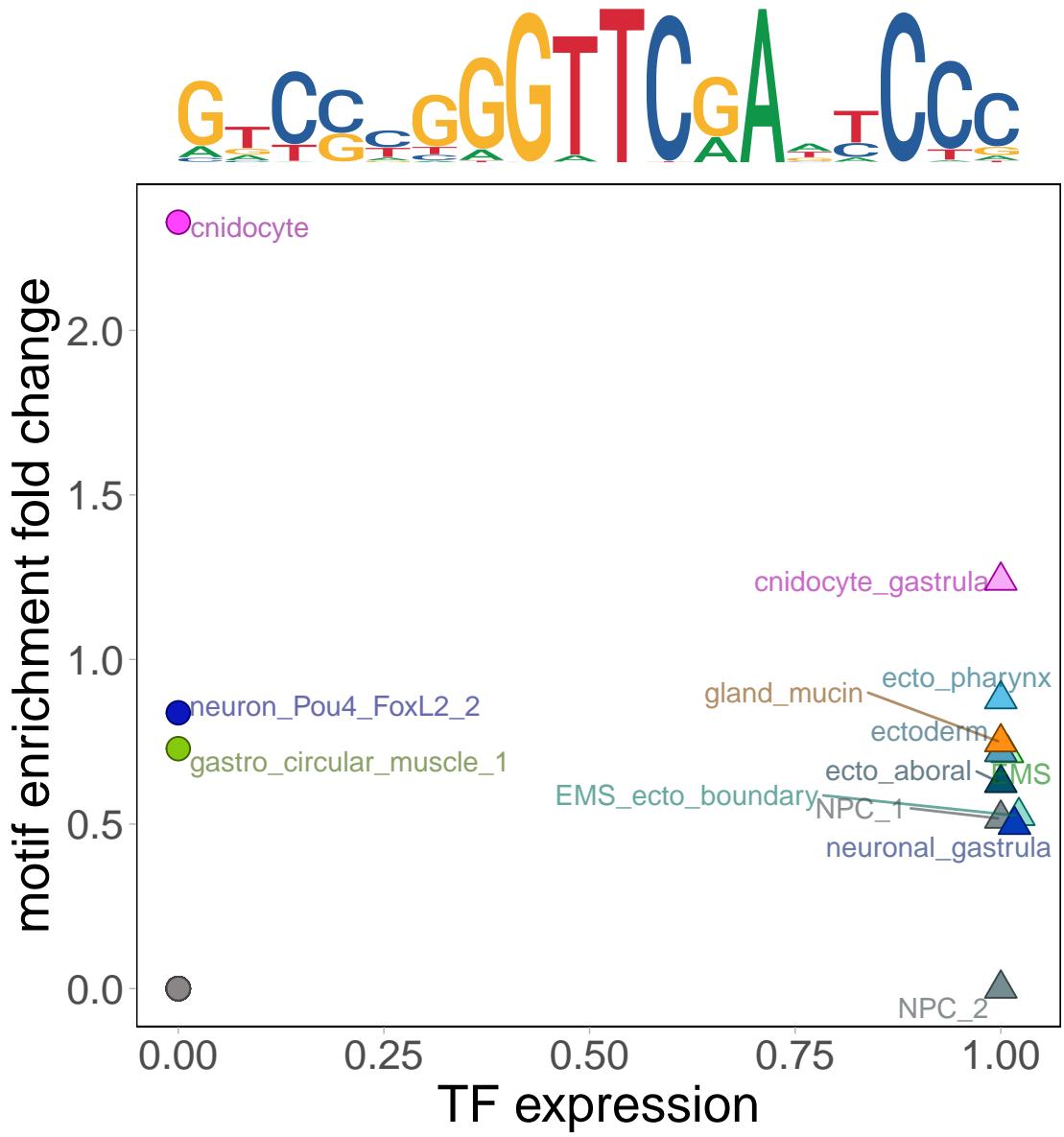
Nvec_vc1.1_XM_001631763.3 (PaxA)
OG: Homeodomains.HG2.49:like:PAX1/
PFAM: PAX
motif: ARCH871_M02426_2.00
TF family: Pax
archetype family: Pax
CisBP assigned: TRUE
rank: 156
gene expression correlation: -0.0733
gene score correlation: -0.0780



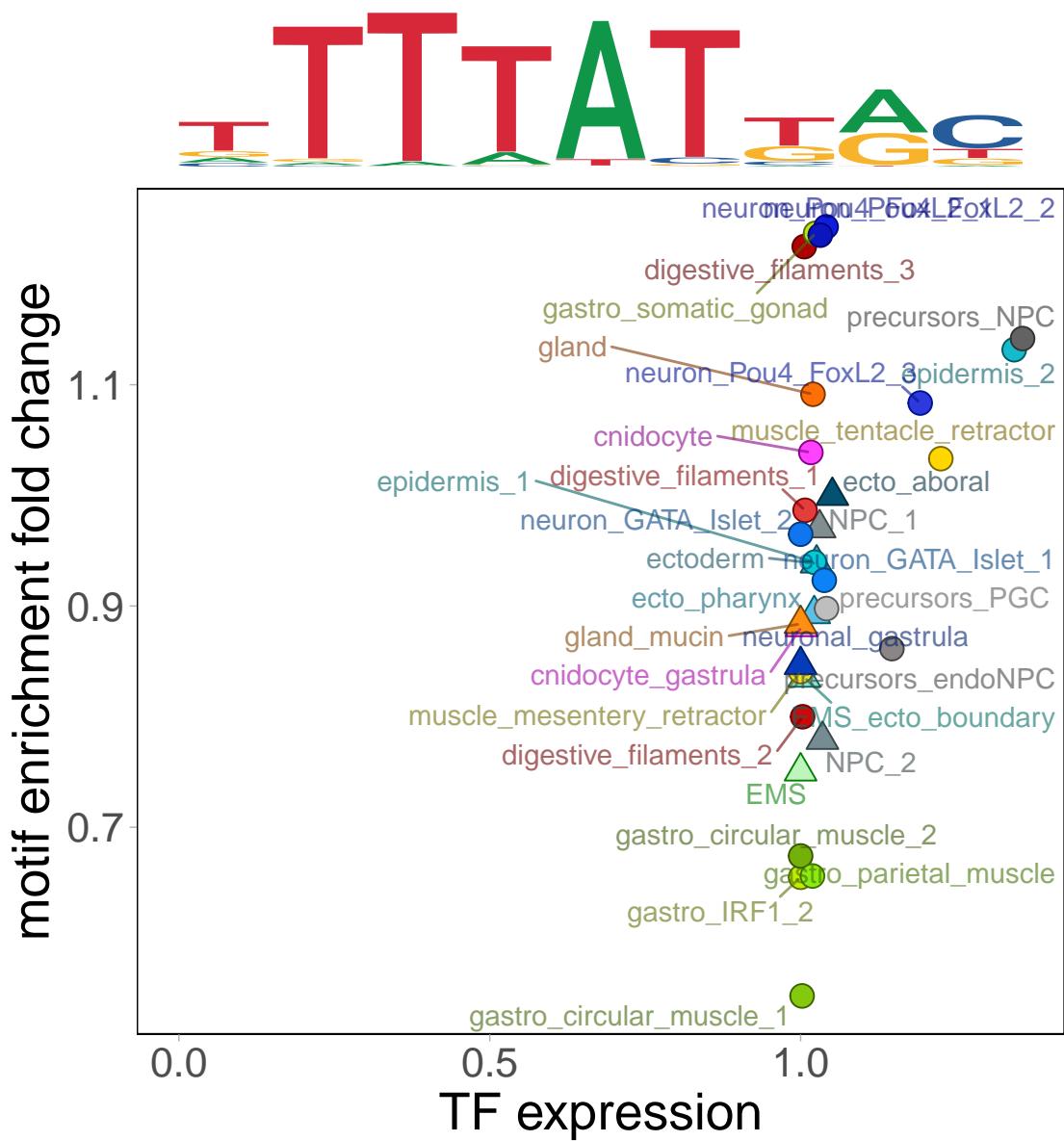
Nvec_vc1.1_XM_001632947.3 (NvSoxE)
OG: HMGbox_Sox.HG1.35:SOX1/SOX2
PFAM: HMG_box/SOXP
motif: ARCH67_Oct4:Sox17
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.3246
gene score correlation: 0.8026



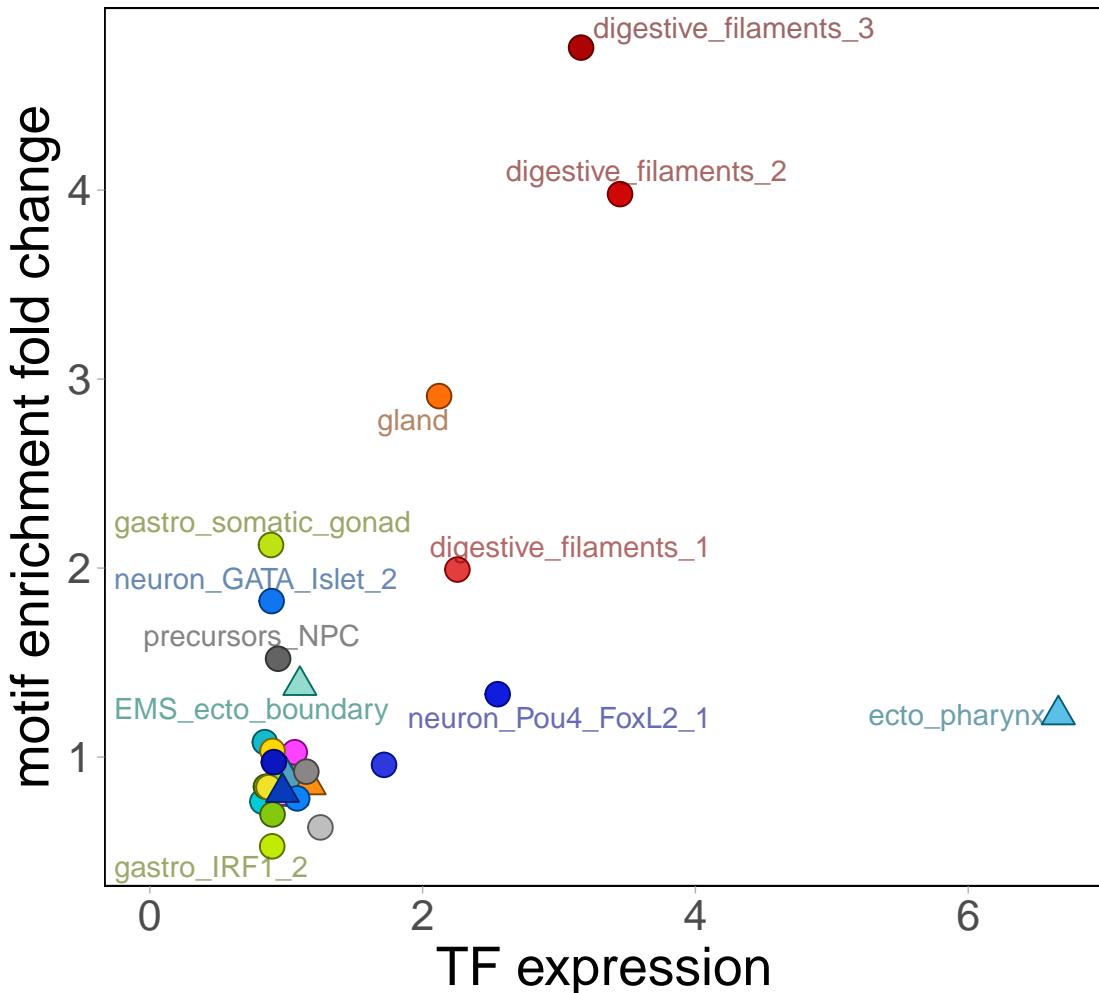
Nvec_vc1.1_XM_001633014.3 (HSF-like)
OG: HSF.HG1.4:like:HSF1/HSF2/HSF4
PFAM: HSF_DNA-bind
motif: ARCH712_Hsf1/Hsf2/Hsf4/Hsf3
TF family: HSF
archetype family: HSF
CisBP assigned: FALSE
rank: 1585
gene expression correlation: 0.4246
gene score correlation: 0.4354



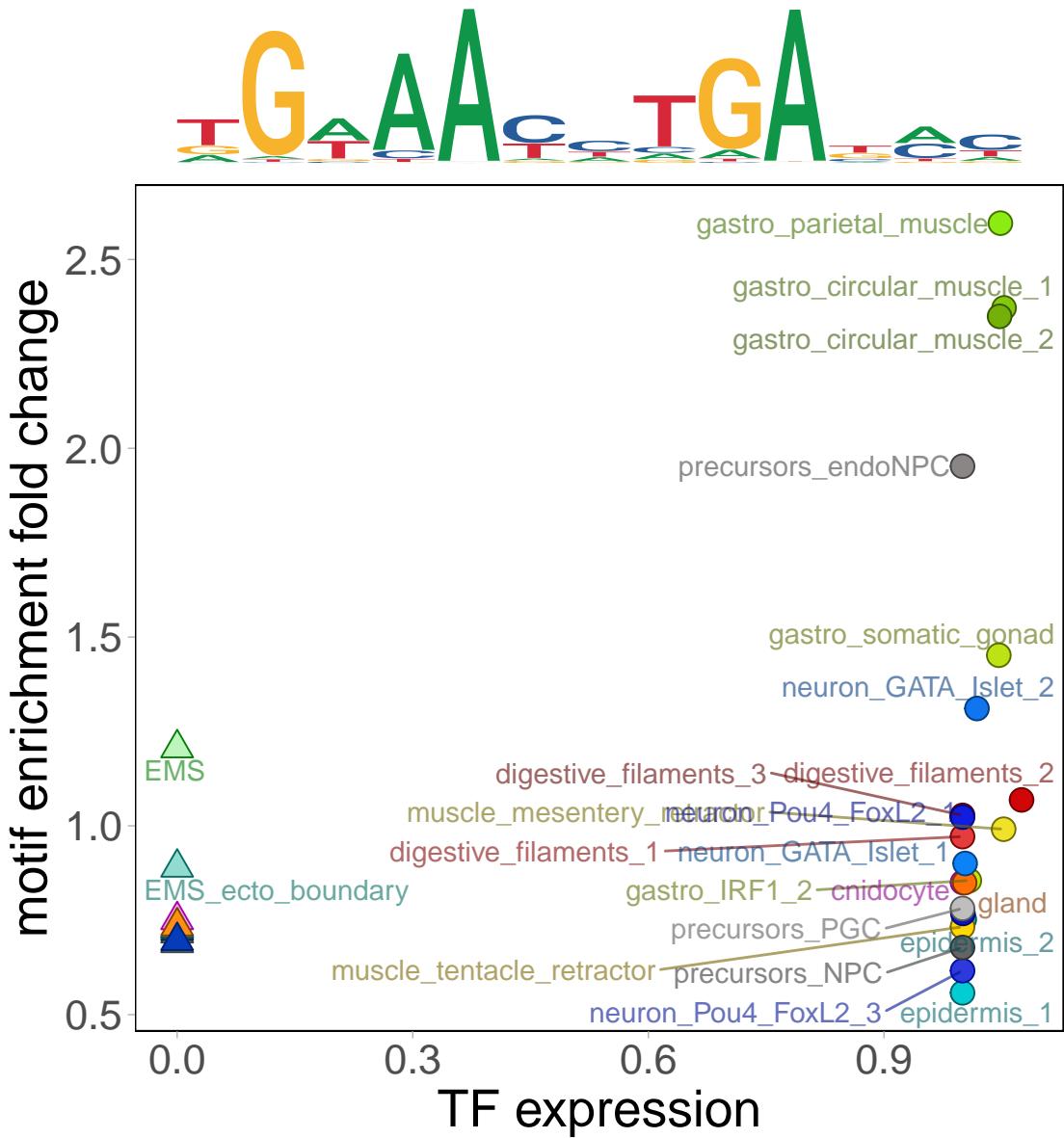
Nvec_vc1.1_XM_001634202.3 (Anthox6
OG: Homeodomains.HG1.58:HOXA1/HG1.58
PFAM: Homeodomain
motif: ARCH33_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 136
gene expression correlation: 0.3835
gene score correlation: 0.4004



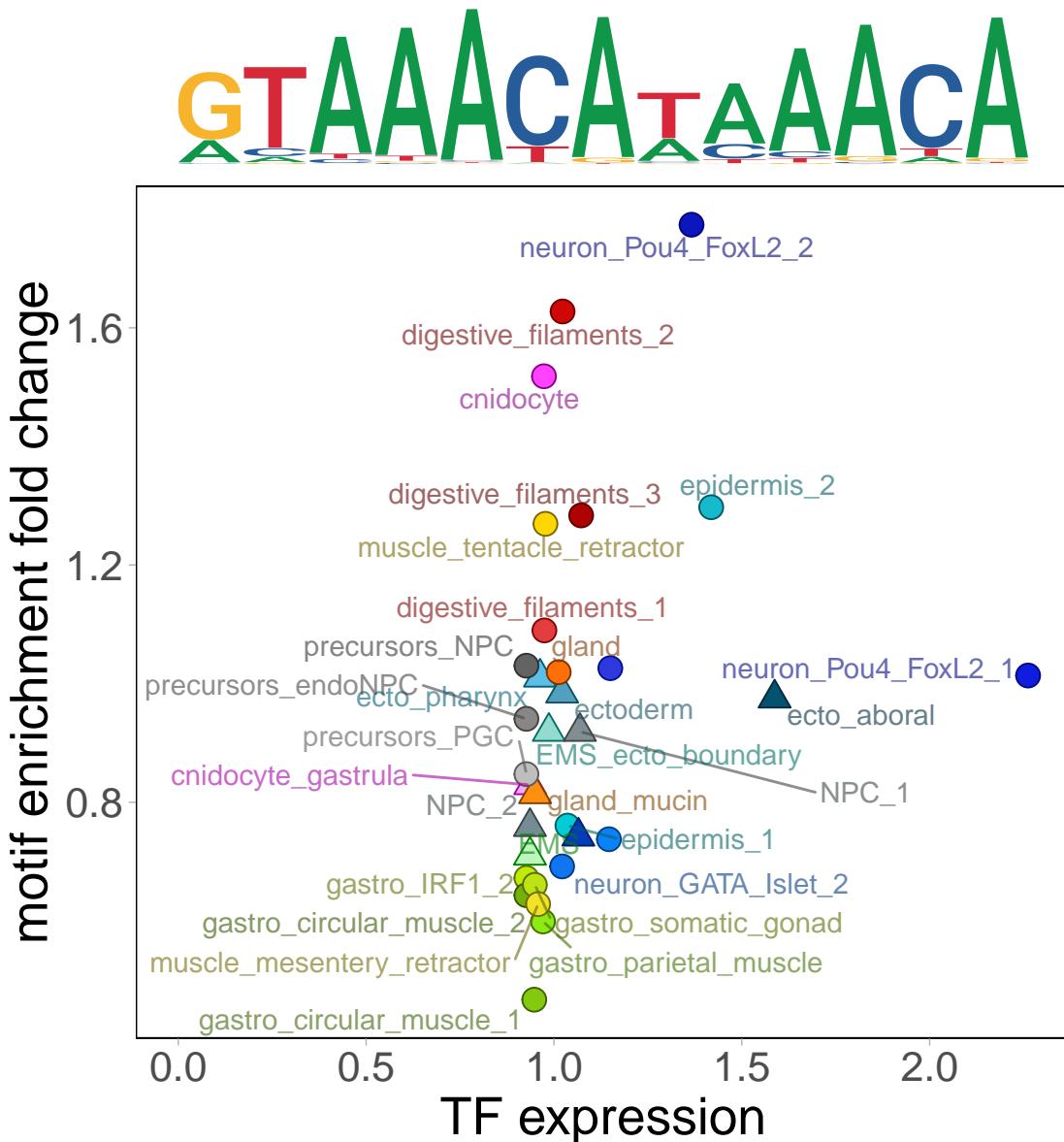
Nvec_vc1.1_XM_001634505.3 (FoxA)
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead_N/Forkhead/HNF_C
motif: ARCH1291_Fox:Ebox
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4632
gene score correlation: 0.9286



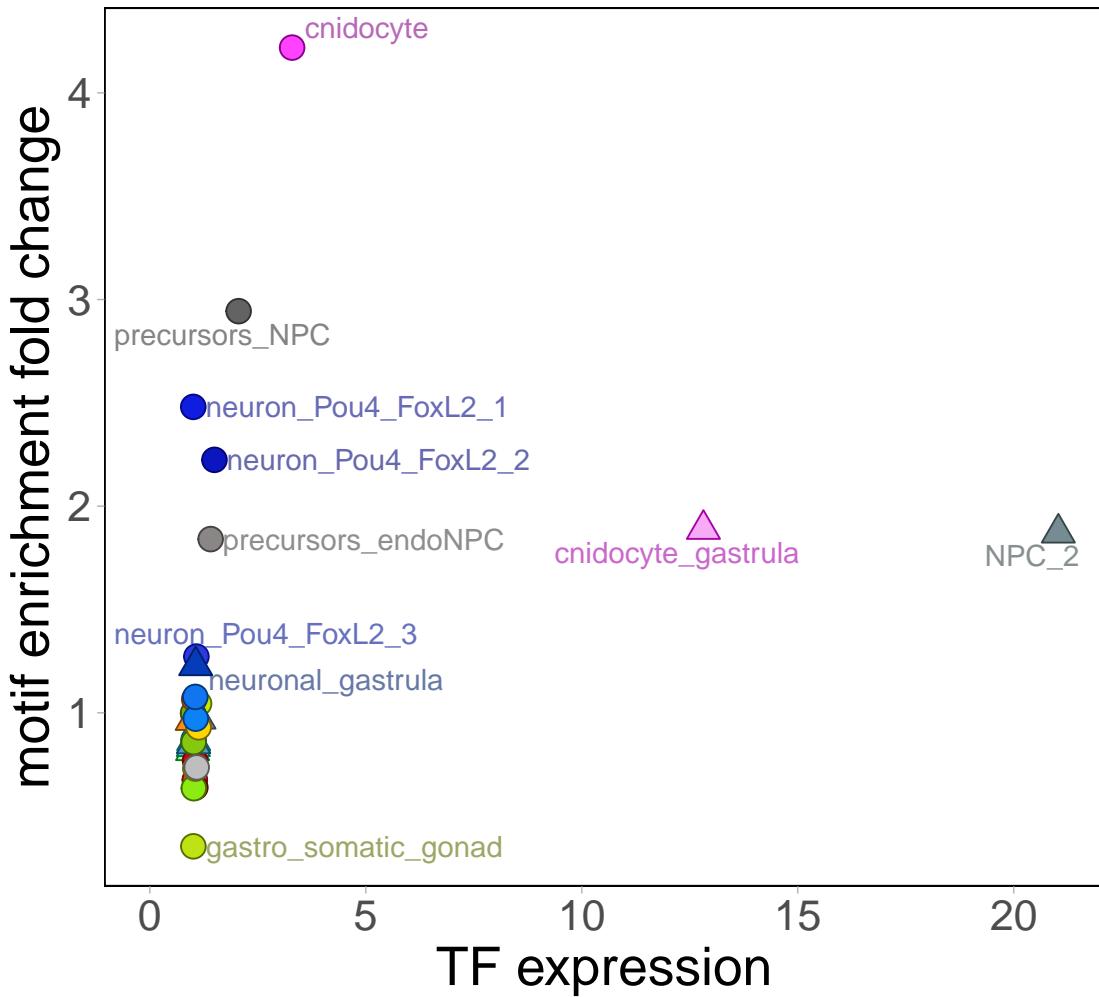
Nvec_vc1.1_XM_001634715.3 (Lbx)
OG: Homeodomains.HG1.29:LBX1/LBX
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3501
gene score correlation: 0.5858



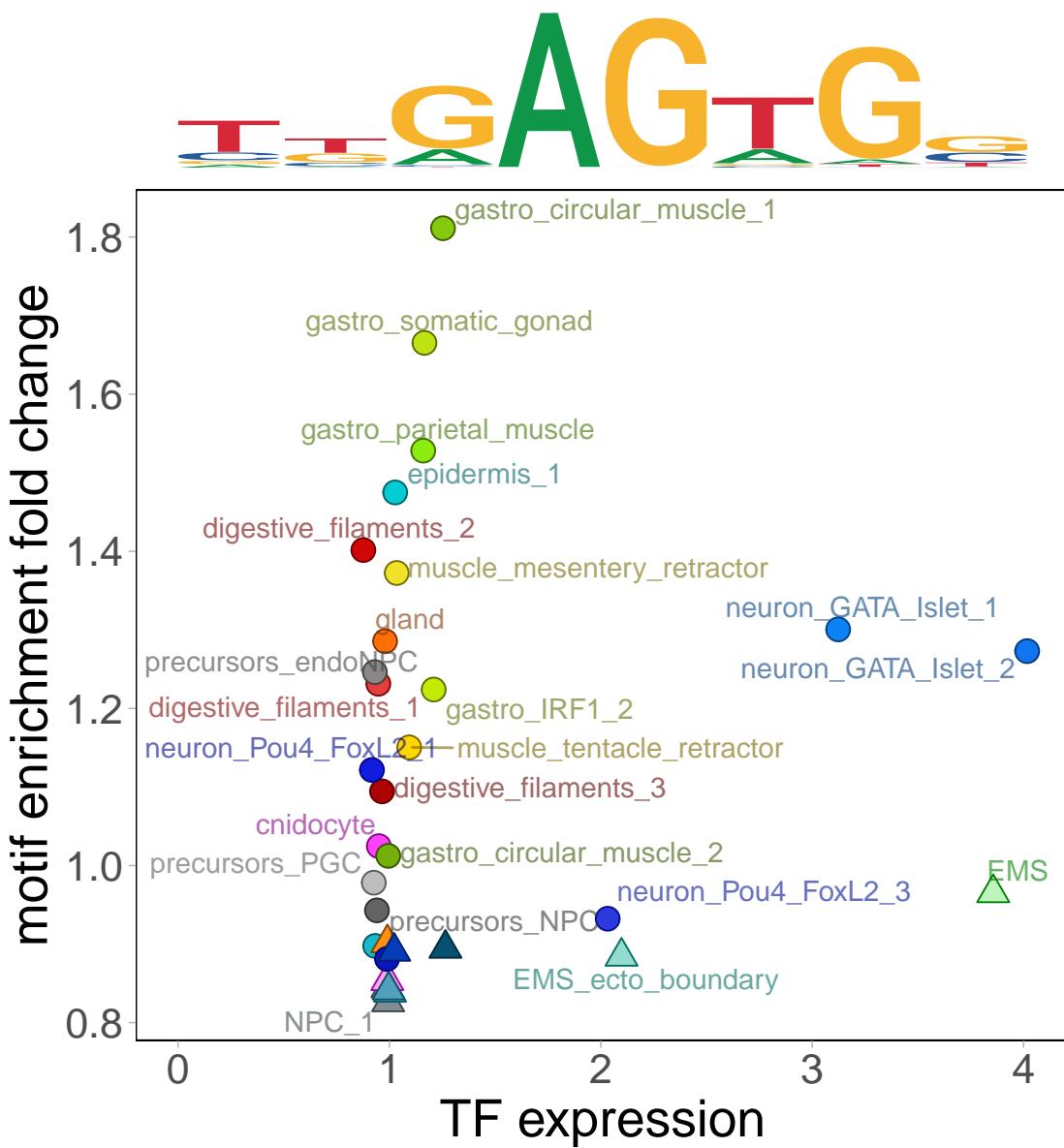
Nvec_vc1.1_XM_001636889.3 (FoxJ1)
OG: Forkhead.HG1.24:FOXJ1
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F.
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2664
gene score correlation: 0.5259



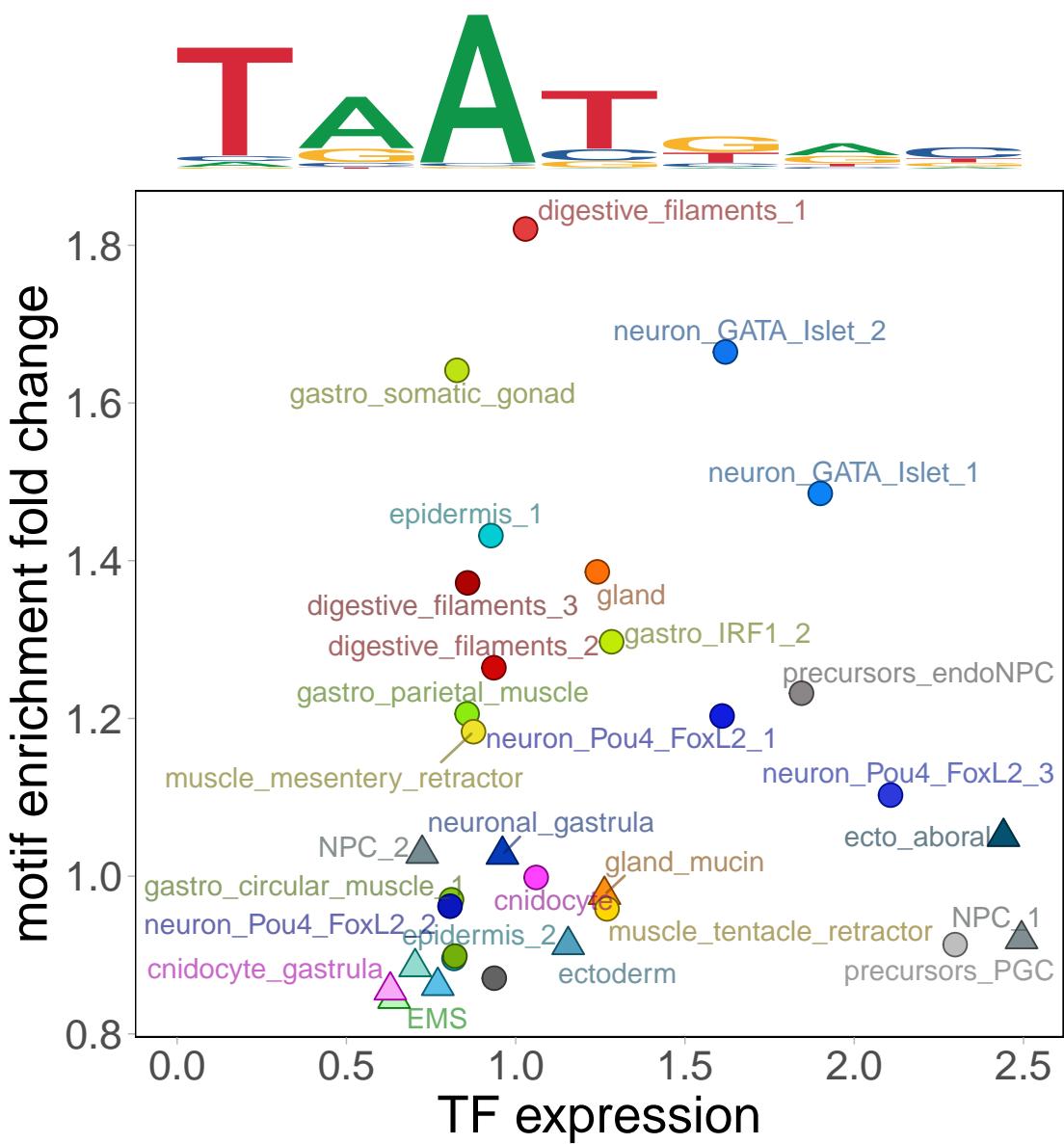
Nvec_vc1.1_XM_001641129.3 (ZNF845)
OG: zf-C2H2.HG3.8:like:ZNF770
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-H
motif: ARCH861_Scrt2/Scrt1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2973
gene score correlation: 0.9129



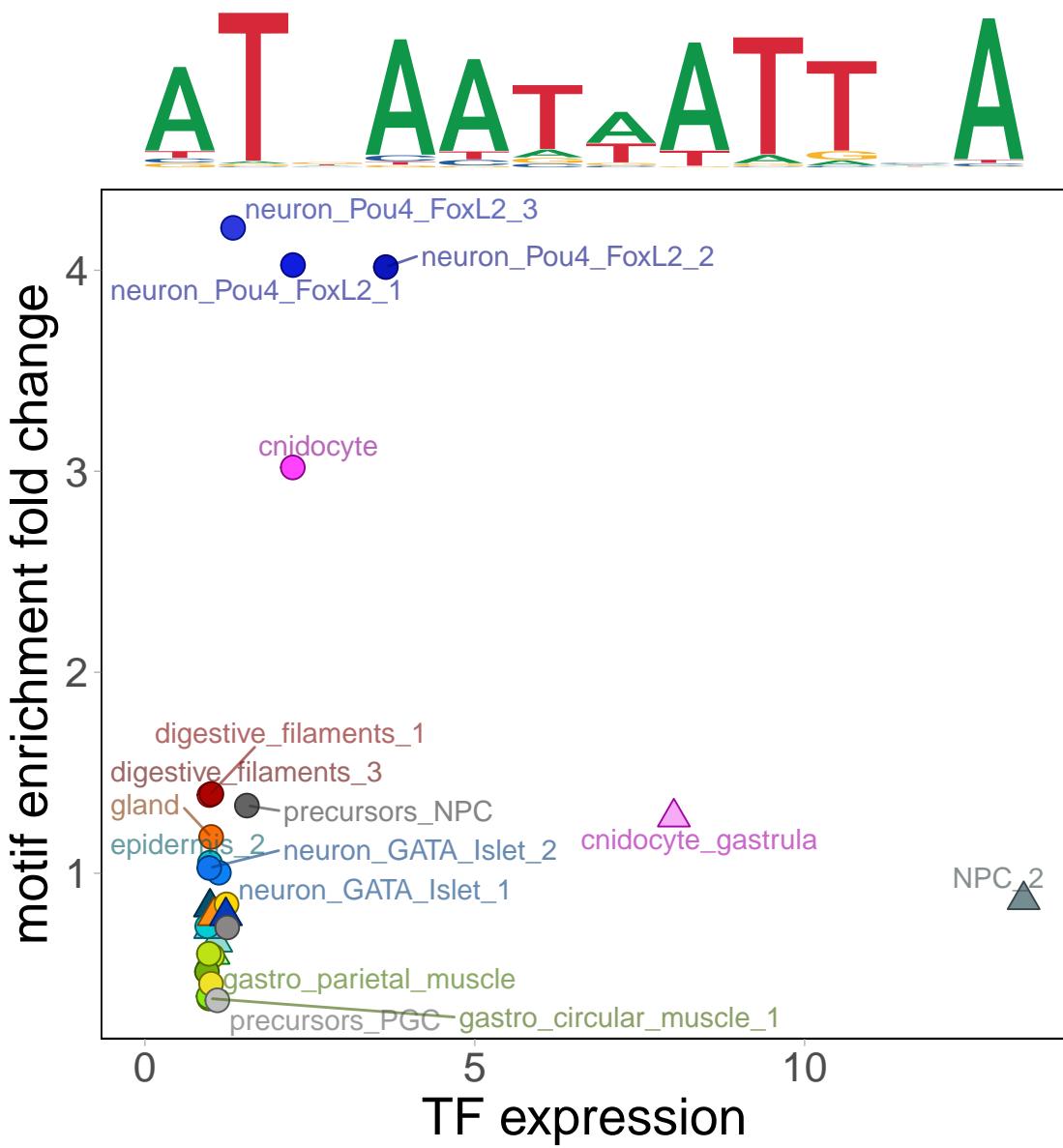
Nvec_vc1.1_XM_001647471.3 (OtxC)
OG: Homeodomains.HG2.46:CRX/OTX
PFAM: Homeodomain
motif: ARCH1539_Nkx2-2/Nkx2-9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.0512
gene score correlation: 0.2391



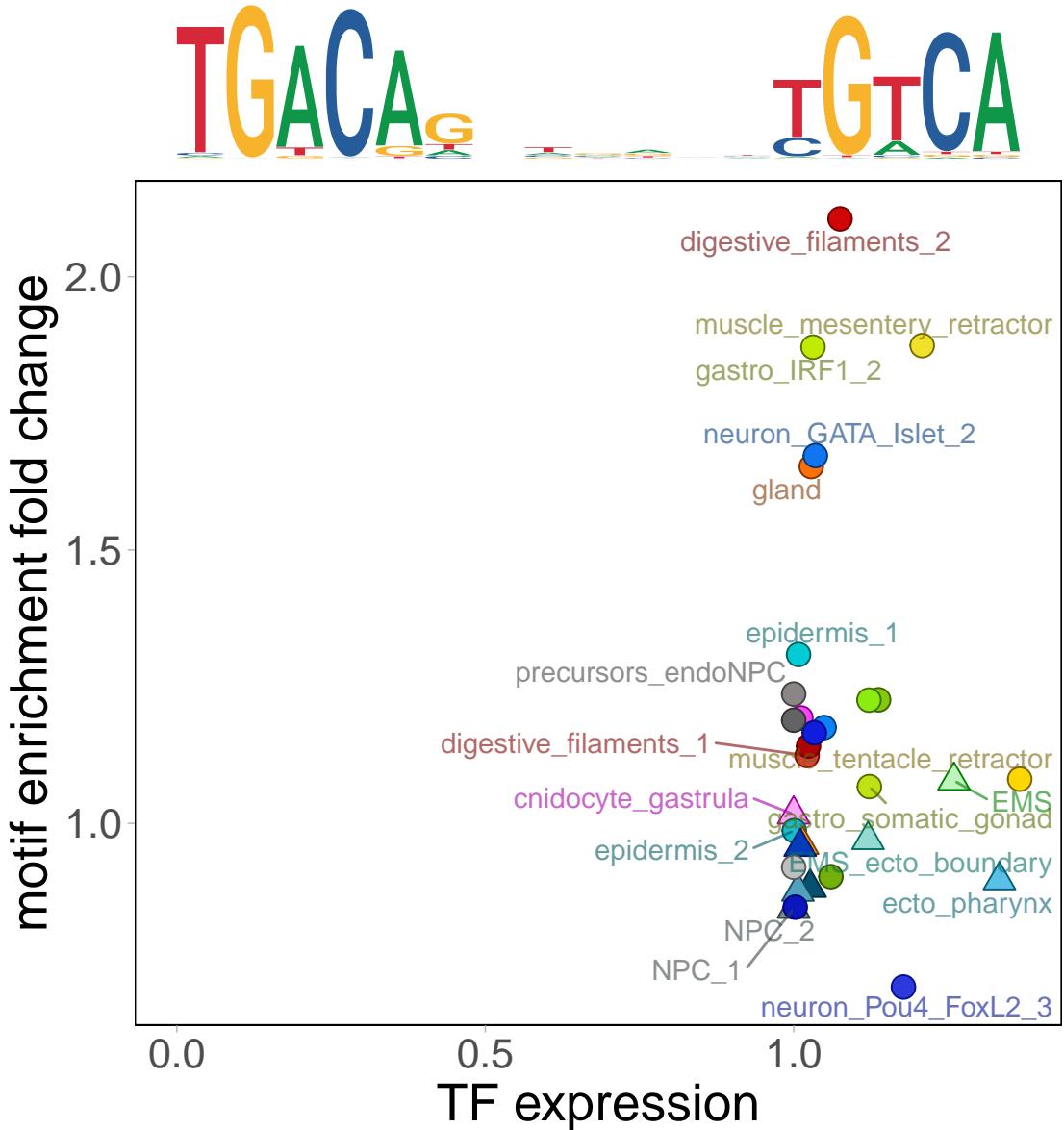
Nvec_vc1.1_XM_032362713.2 (Islet)
OG: Homeodomains.HG2.19:ISL1/ISL2
PFAM: LIM/LIM/Homeodomain
motif: ARCH335_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.0922
gene score correlation: 0.4195



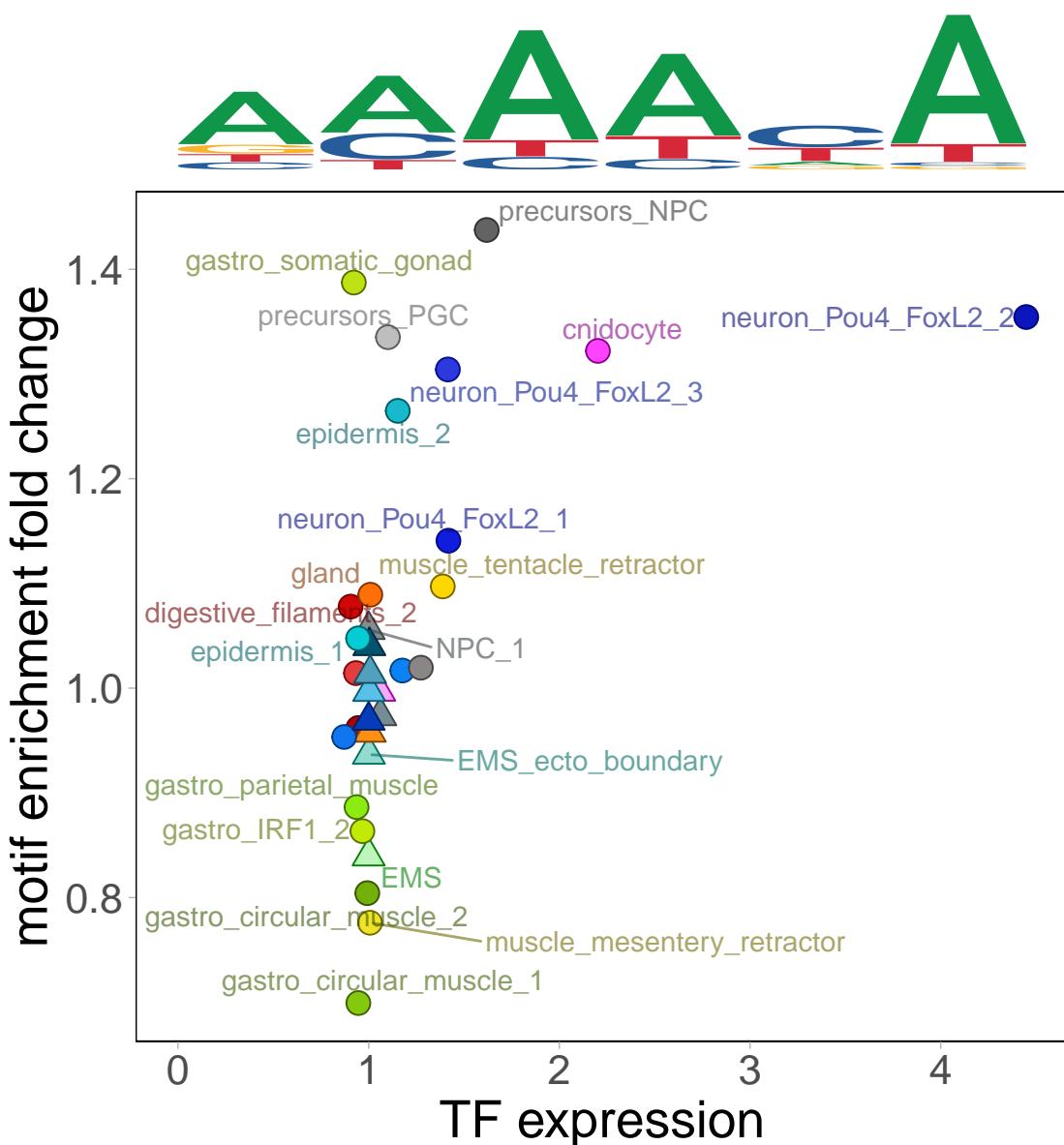
Nvec_vc1.1_XM_032363992.2 (Pou4)
OG: Homeodomains.HG4.6:POU4F1/POU4F2
PFAM: Pou/Homeodomain
motif: ARCH56_POU4F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.1303
gene score correlation: 0.8471



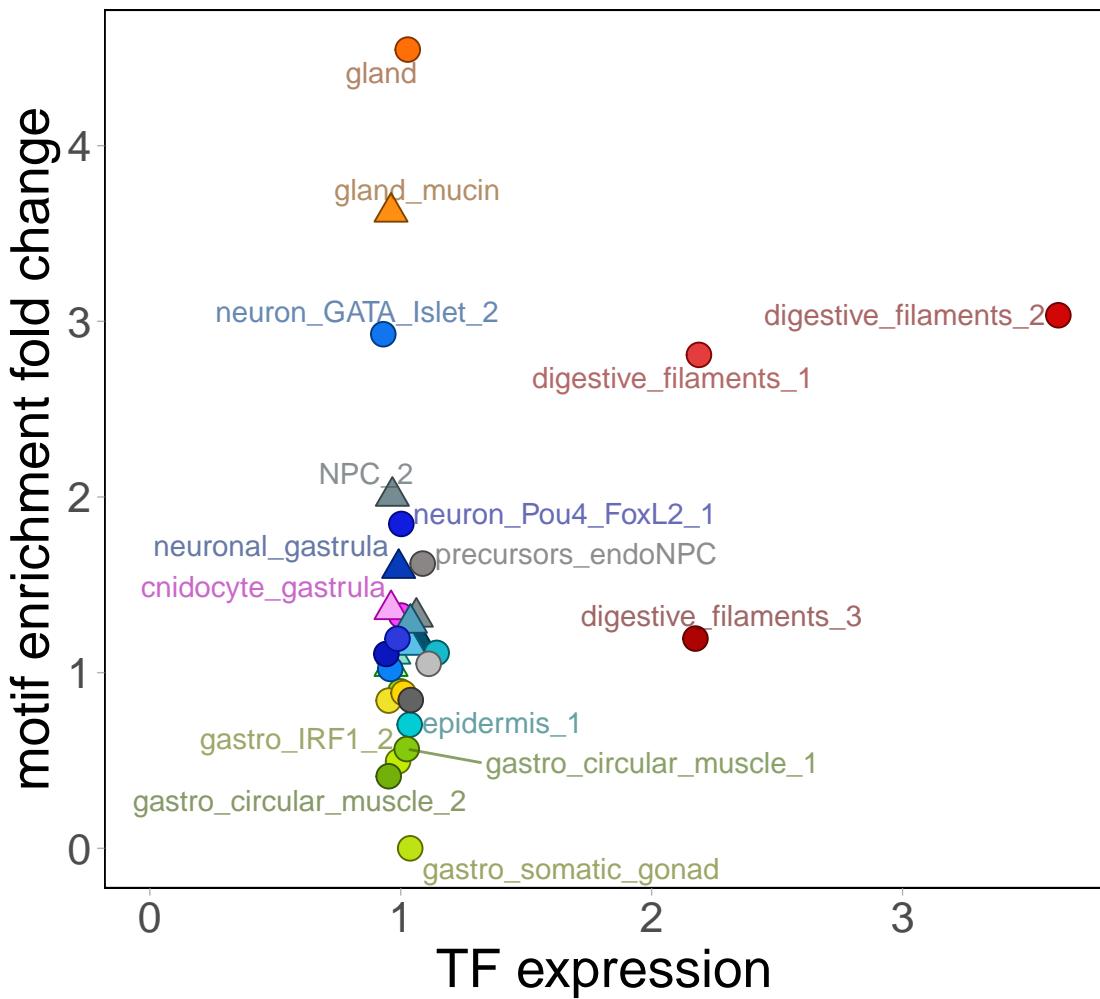
Nvec_vc1.1_XM_032364784.2 (Hhex)
OG: Homeodomains.HG1.28:HHEX
PFAM: Homeodomain
motif: ARCH768_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 24
gene expression correlation: 0.0161
gene score correlation: 0.3582



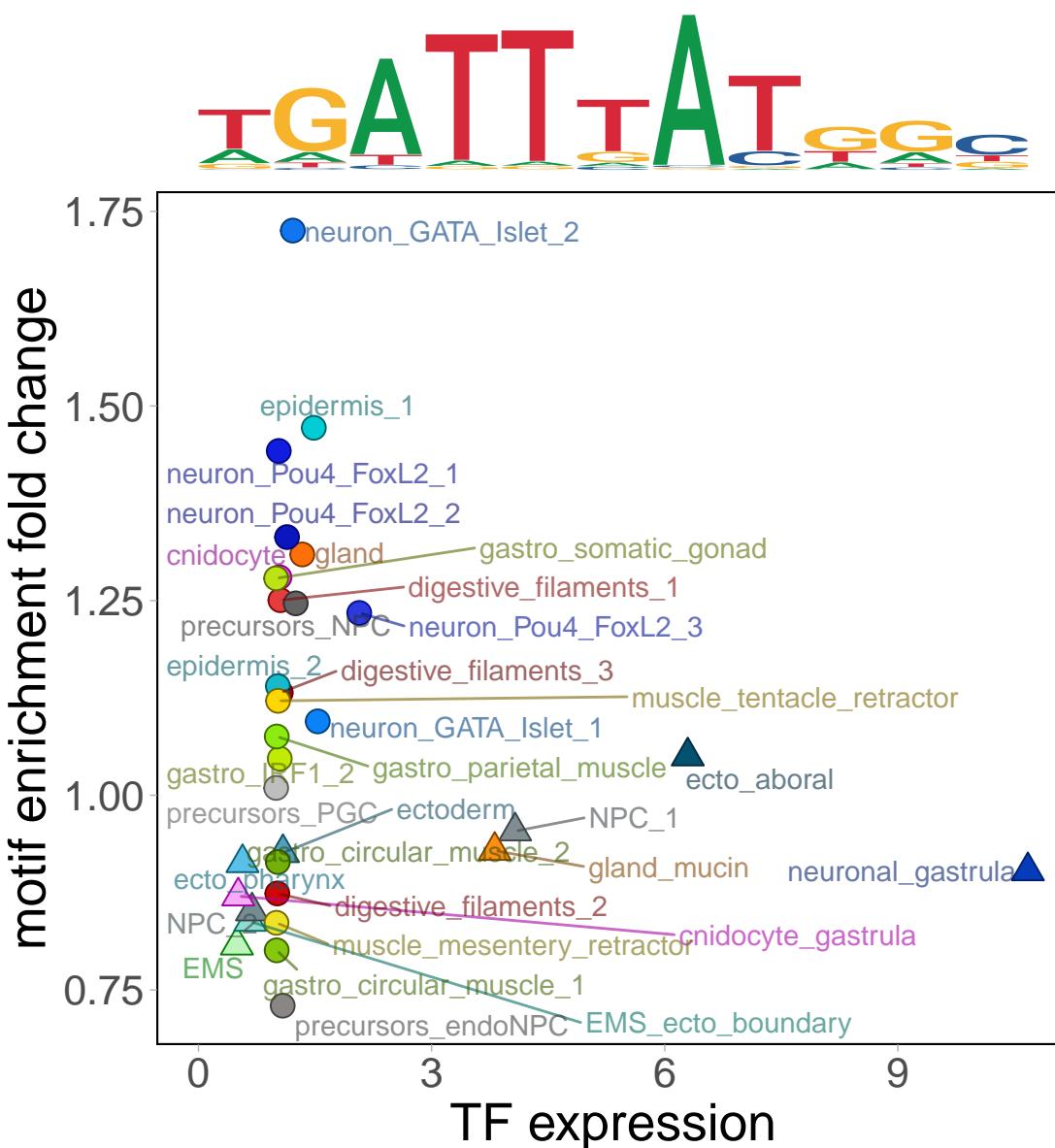
Nvec_vc1.1_XM_032364887.2 (FoxL2)
OG: Forkhead.HG1.20:FOXL2
PFAM: Forkhead
motif: ARCH1102_Foxa3/Foxa1/Foxa2_
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 9
gene expression correlation: 0.4944
gene score correlation: 0.6120



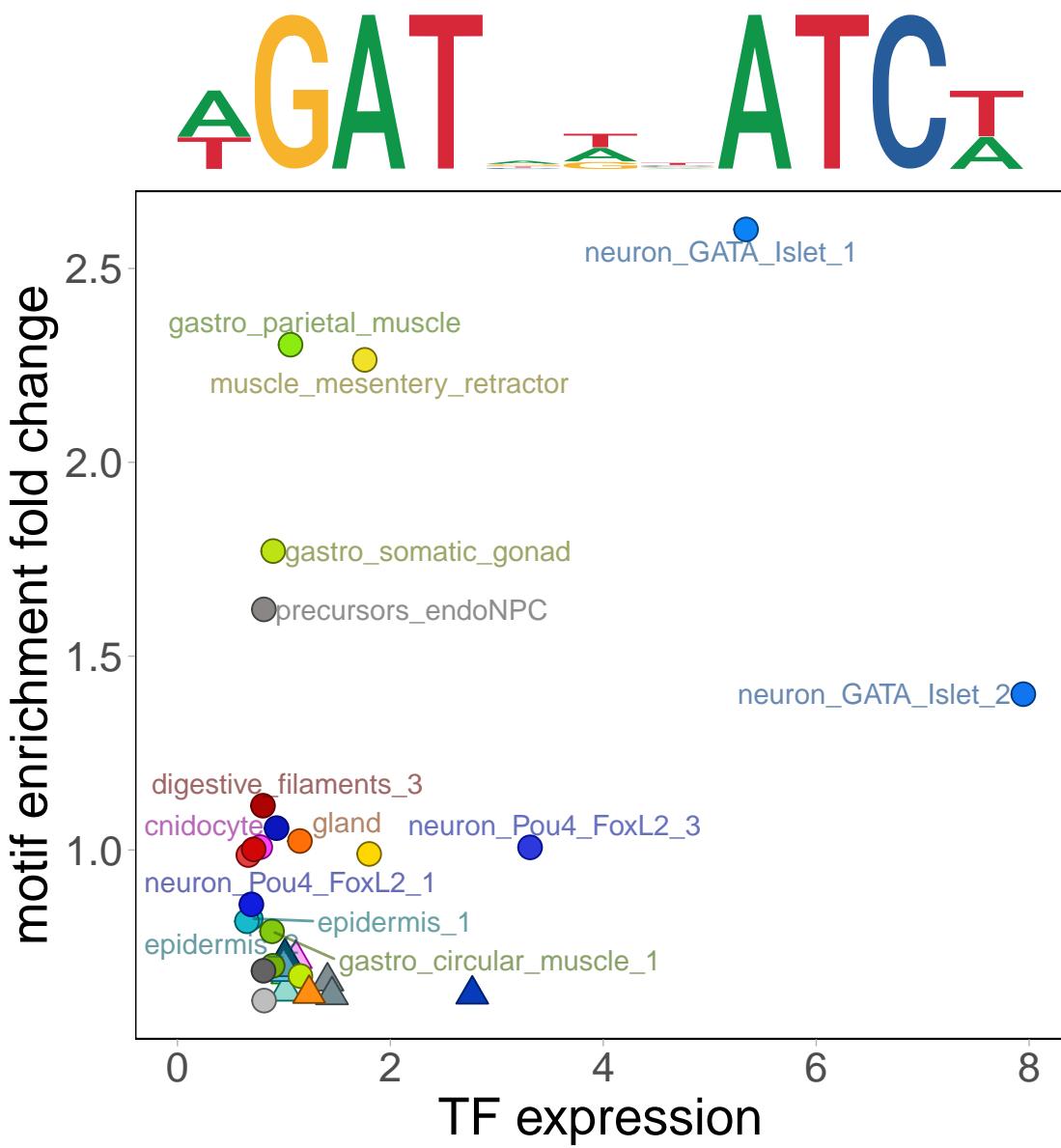
Nvec_vc1.1_XM_032365096.2 (Rfx4/6/8
OG: RFX.HG1.7:RFX6
PFAM: RFX_DNA_binding
motif: ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 122
gene expression correlation: 0.3284
gene score correlation: 0.2192



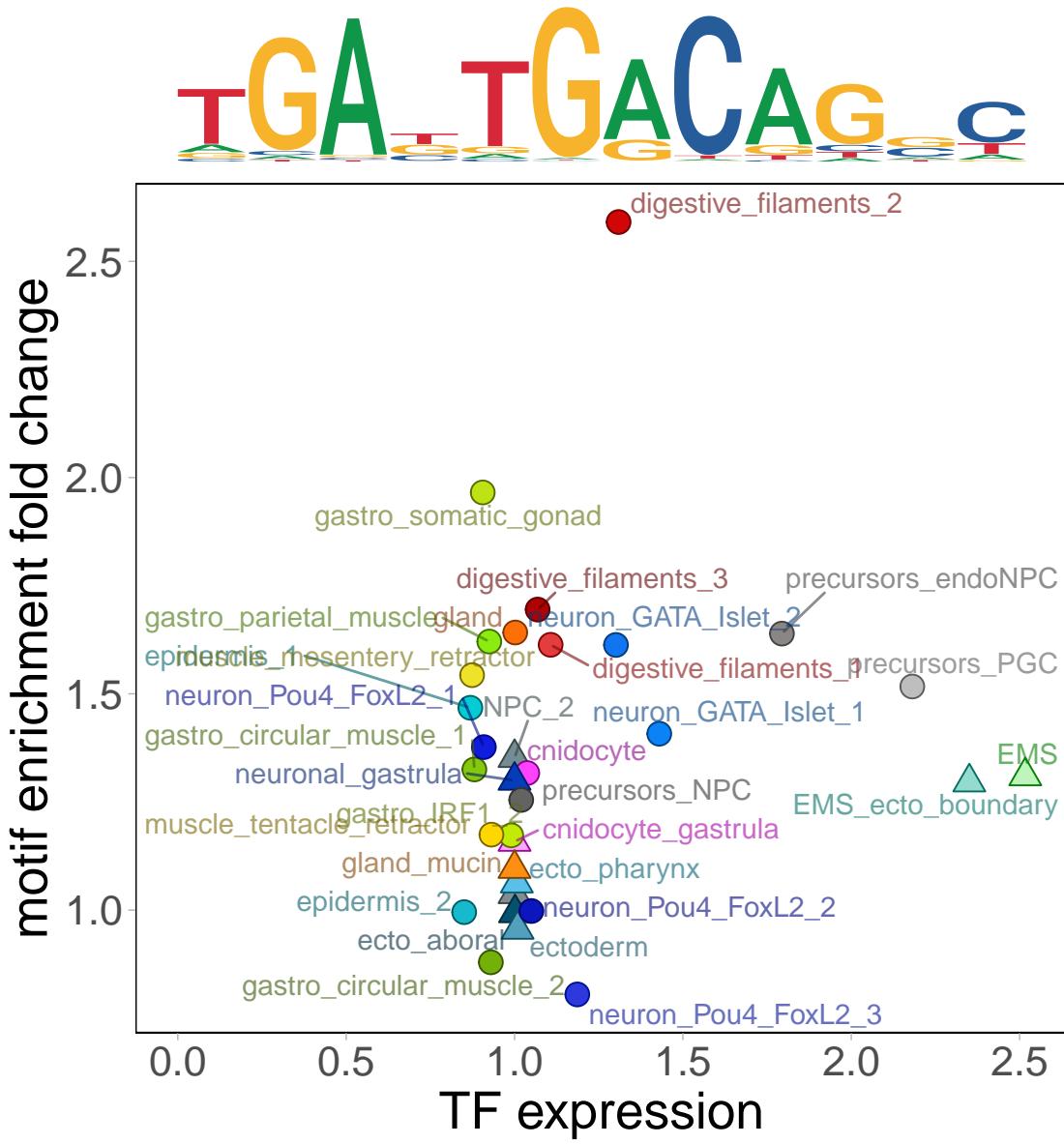
Nvec_vc1.1_XM_032366733.2 (Anthox1)
OG: Homeodomains.HG1.68:AC004080
PFAM: Homeodomain
motif: ARCH1028_Alx3/AIx4/AIx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: -0.1007
gene score correlation: 0.5532



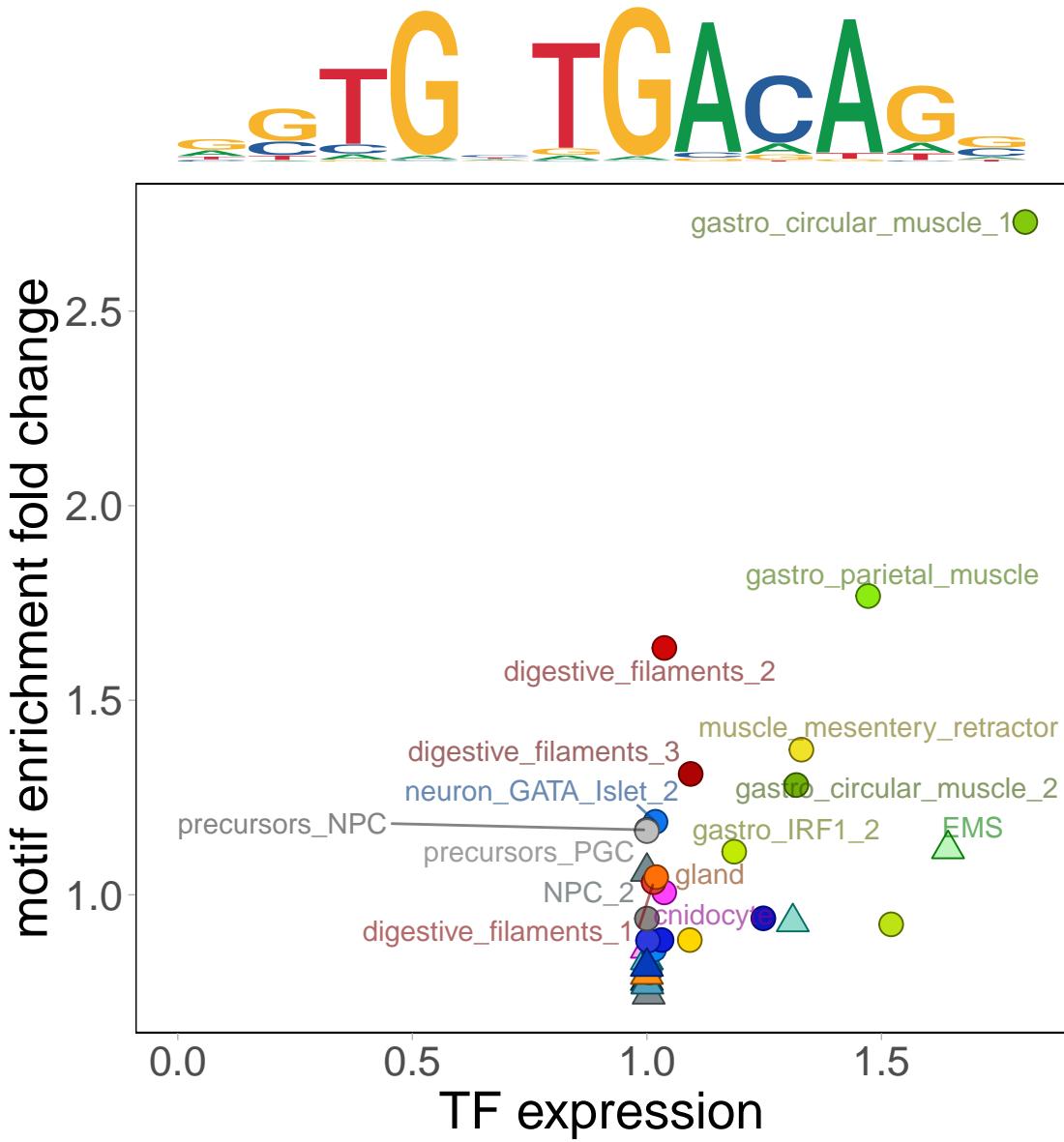
Nvec_vc1.1_XM_032367288.2 (GATA)
OG: GATA.HG1.5:GATA1/GATA2/GATA3
PFAM: GATA/GATA
motif: ARCH1463_Gata3/Gata1/Gata2
TF family: GATA
archetype family: GATA
CisBP assigned: TRUE
rank: 24
gene expression correlation: 0.3792
gene score correlation: 0.7376



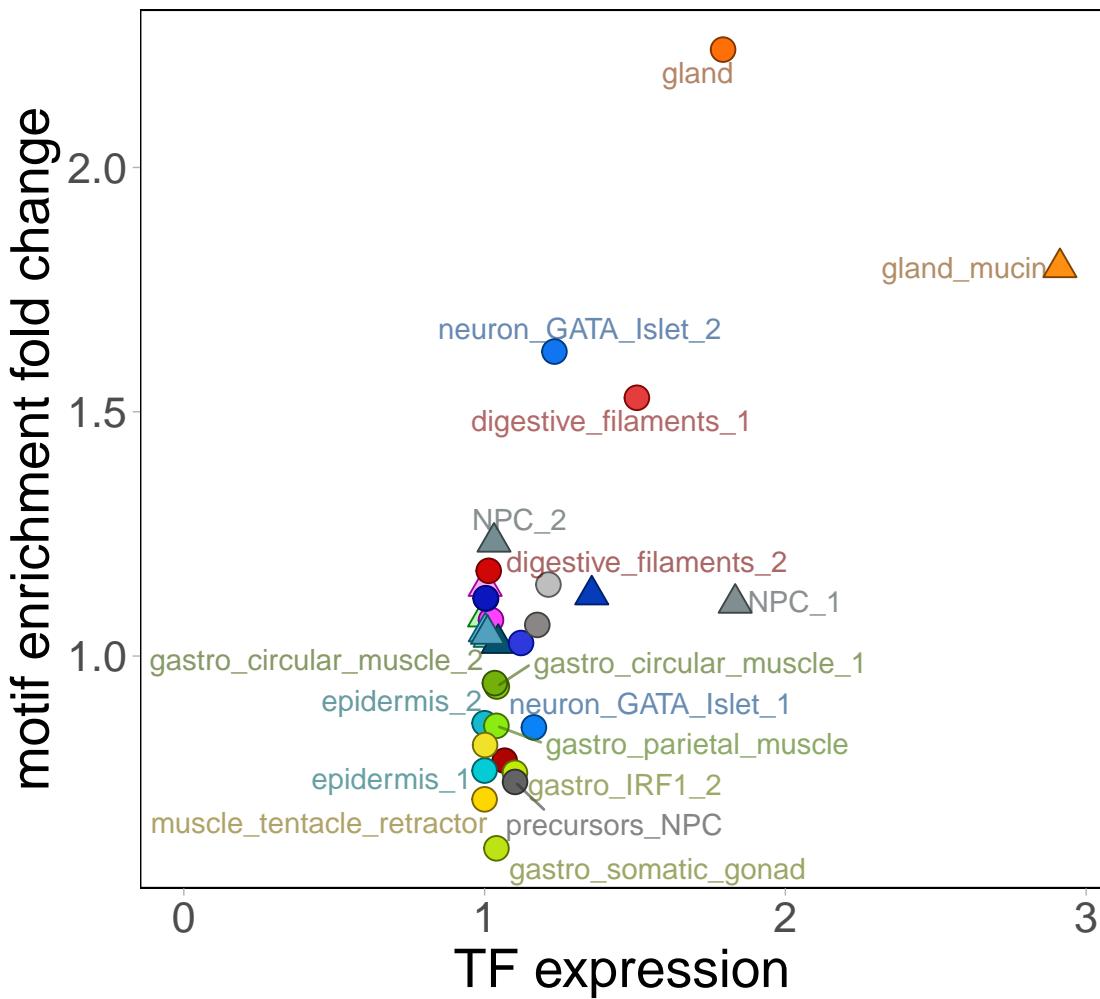
Nvec_vc1.1_XM_032373618.2 (Nkx-2.2)
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: ARCH1502_Meis3/Meis2/Meis1_1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.1456
gene score correlation: 0.6591



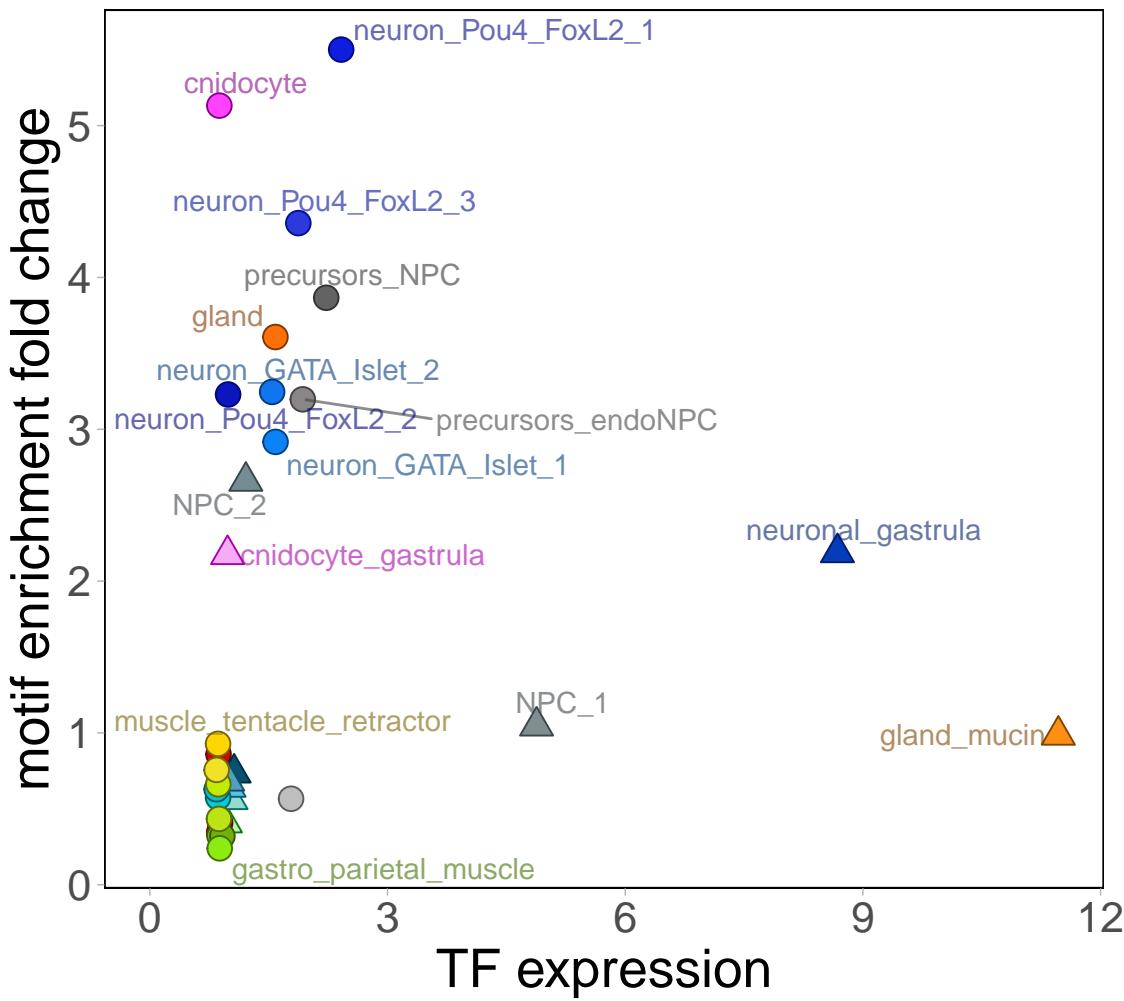
Nvec_vc1.1_XM_032374843.2 (Tbx1/10)
OG: T-box.HG1.13:TBX1/TBX10/TBX1
PFAM: T-box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.6593
gene score correlation: 0.7228



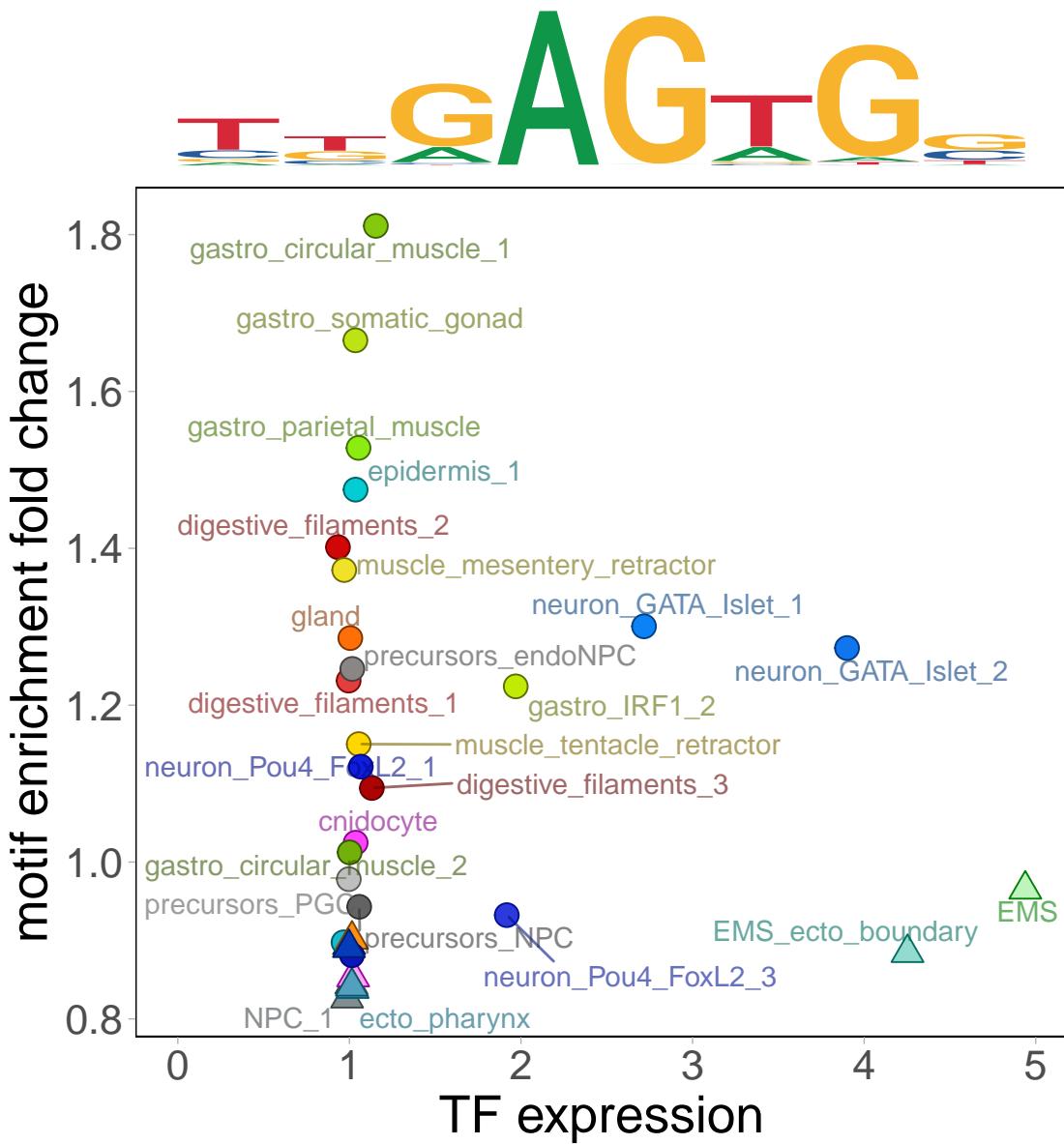
Nvec_vc1.1_XM_032375228.2 (Rfx4)
OG: RFX.HG1.3:like:RFX4/RFX6/RFX8
PFAM: RFX_DNA_binding
motif: ARCH1307_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 2
gene expression correlation: 0.6515
gene score correlation: 0.6342



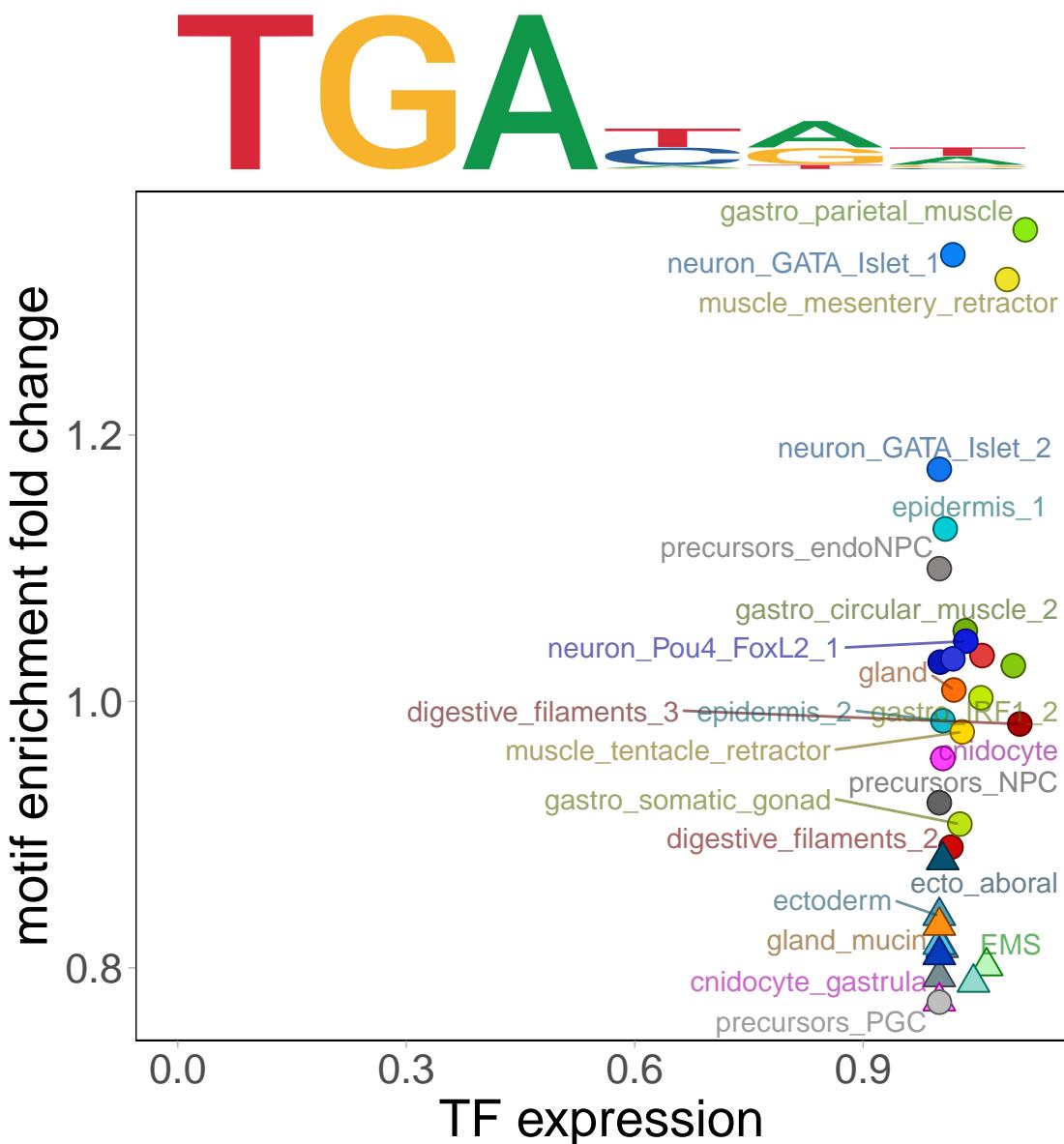
Nvec_vc1.1_XM_032375602.2 (Insm1)
OG: zf-C2H2.HG25.1:INSM1/INSM2
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH530_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 11
gene expression correlation: 0.0793
gene score correlation: 0.5927



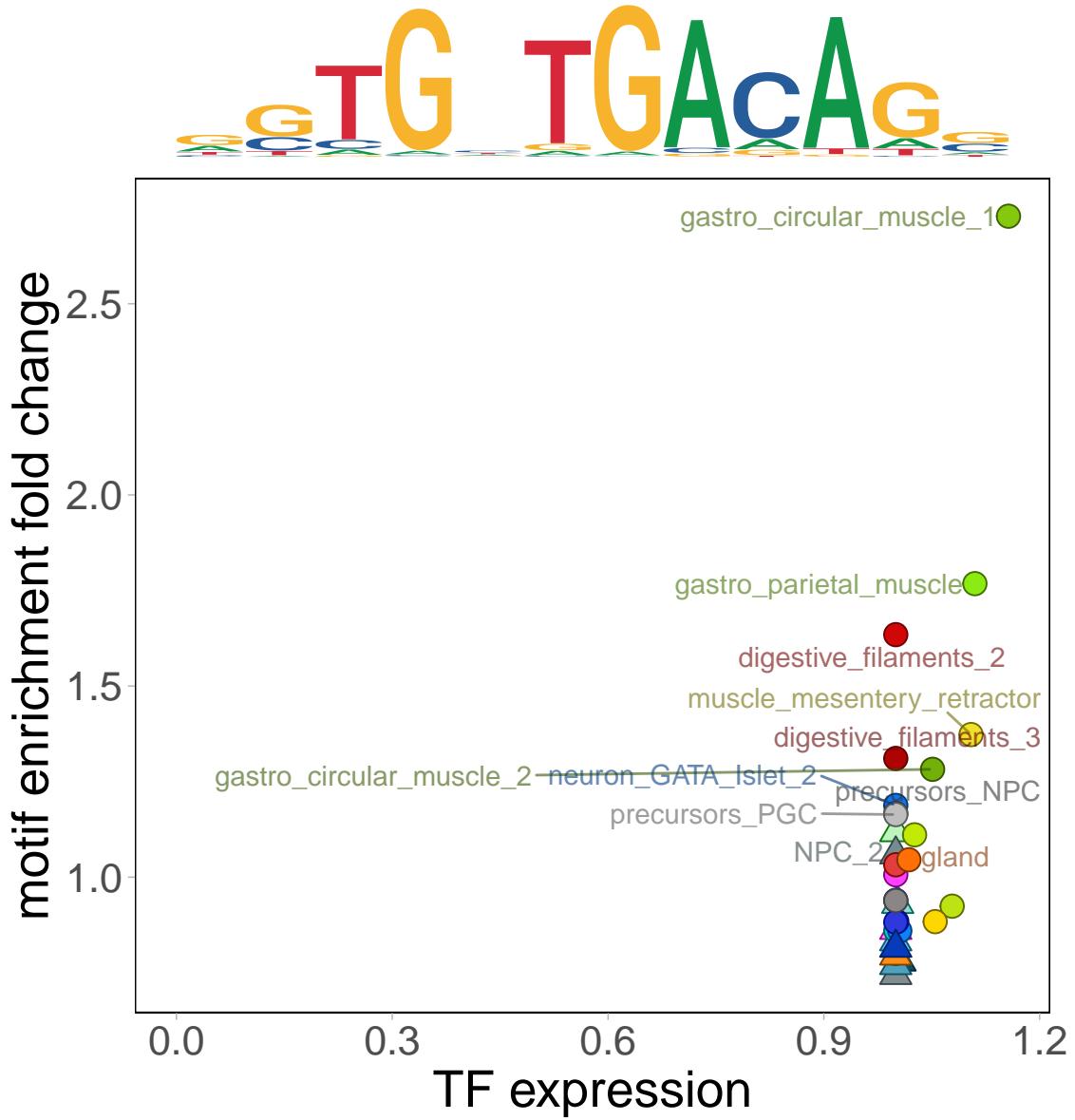
Nvec_vc1.1_XM_032375635.2 (OtxB)
OG: Homeodomains.HG2.46:CRX/OTX
PFAM: Homeodomain
motif: ARCH1539_Nkx2–2/Nkx2–9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: -0.0561
gene score correlation: 0.2056



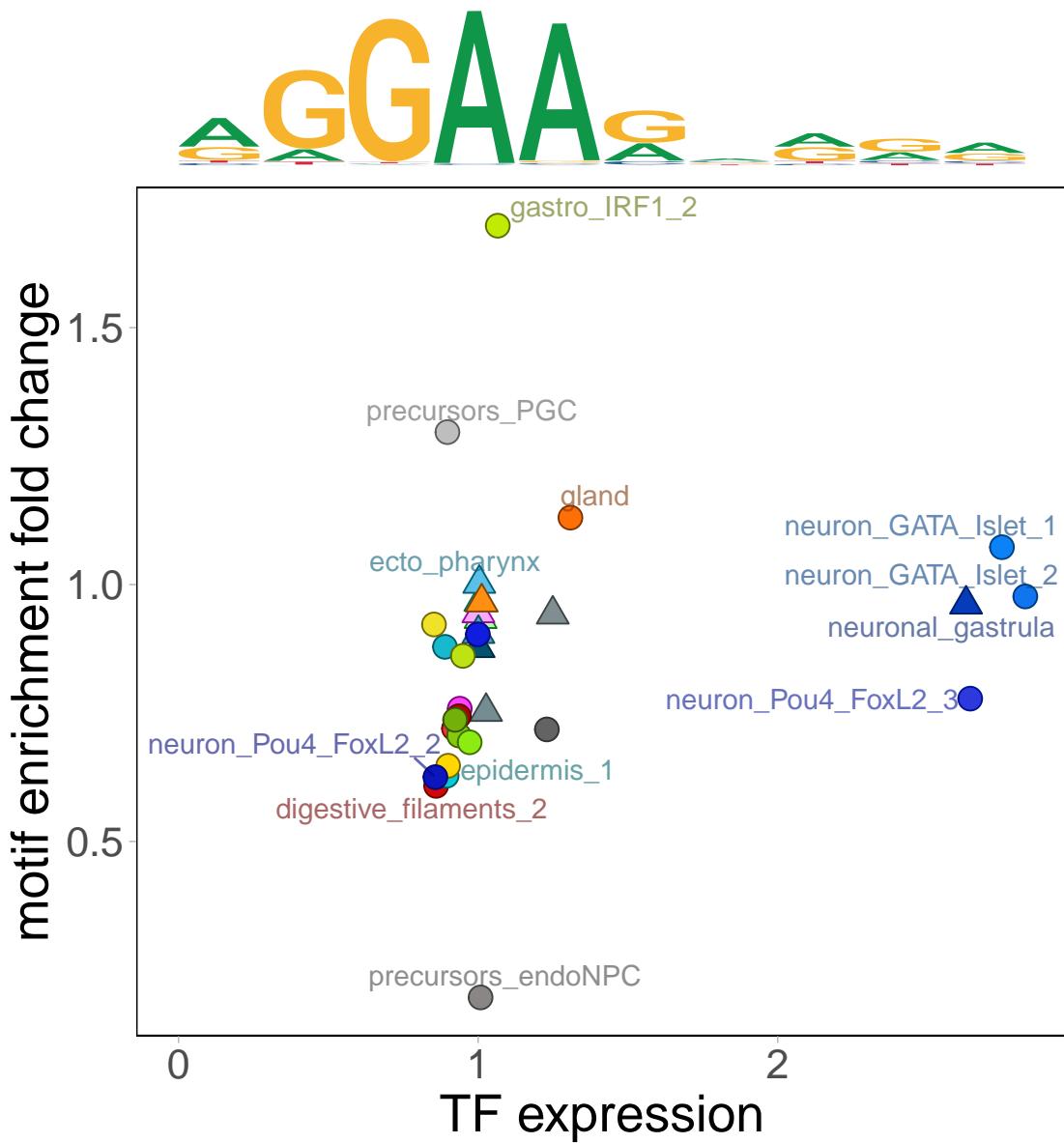
Nvec_vc1.1_XM_032377358.2 (VAX-EM)
OG: Homeodomains.HG1.42:VAX1/VAX
PFAM: Homeodomain
motif: ARCH1552_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.4388
gene score correlation: 0.4529



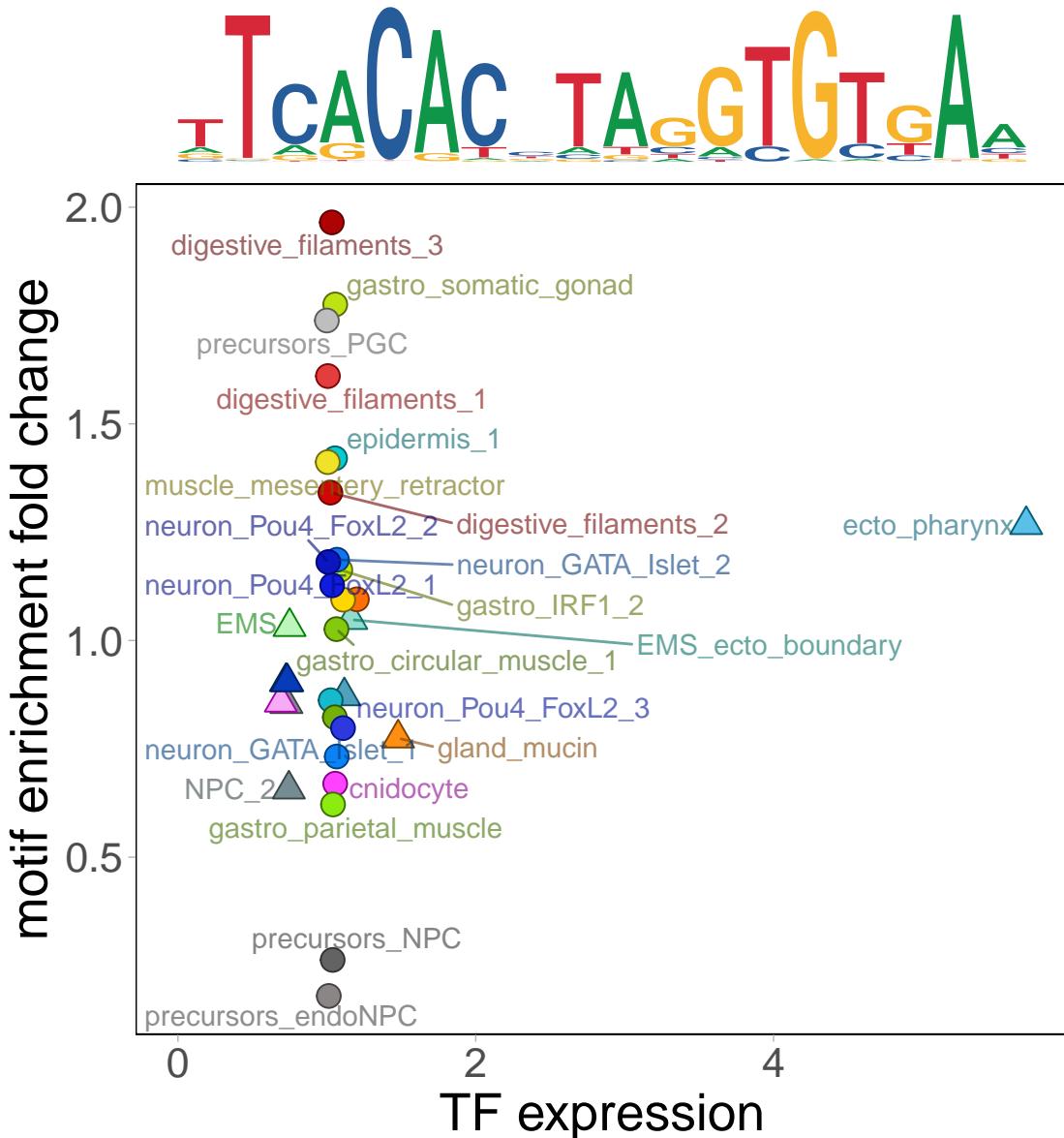
Nvec_vc1.1_XM_032377450.2 (Tbx20–
OG: T–box.HG1.13:TBX1/TBX10/TBX1
PFAM: T–box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T–box
archetype family: T–box
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.7357
gene score correlation: 0.8209



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: 0.1847
gene score correlation: 0.1566

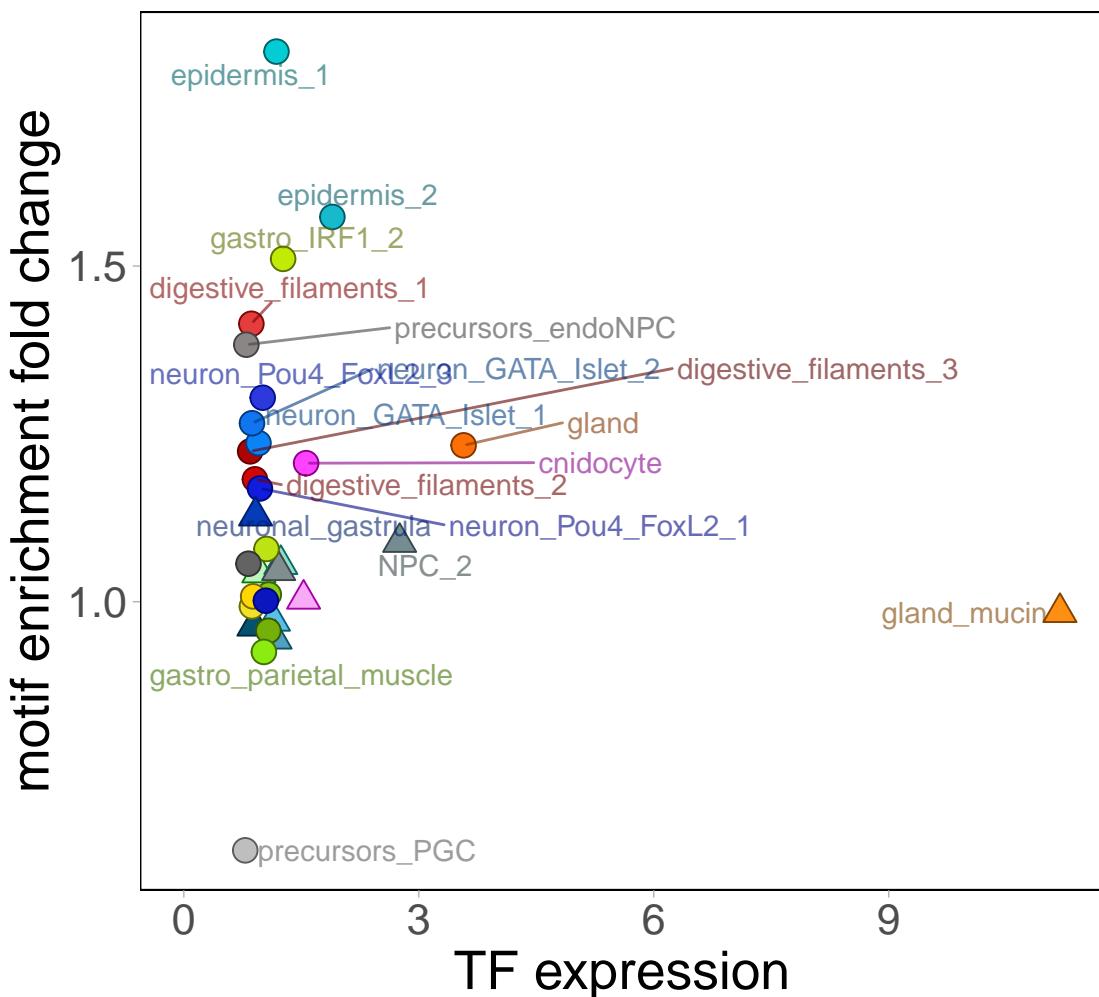


Nvec_vc1.1_XM_032378021.2 (BrachyUOG: T-box.HG1.5:TBX19/TBXT
PFAM: T-box
motif: ARCH833_Tbx18/Tbx22/Tbx15_T
TF family: T-box
archetype family: T-box
CisBP assigned: TRUE
rank: 247
gene expression correlation: 0.1158
gene score correlation: 0.1031

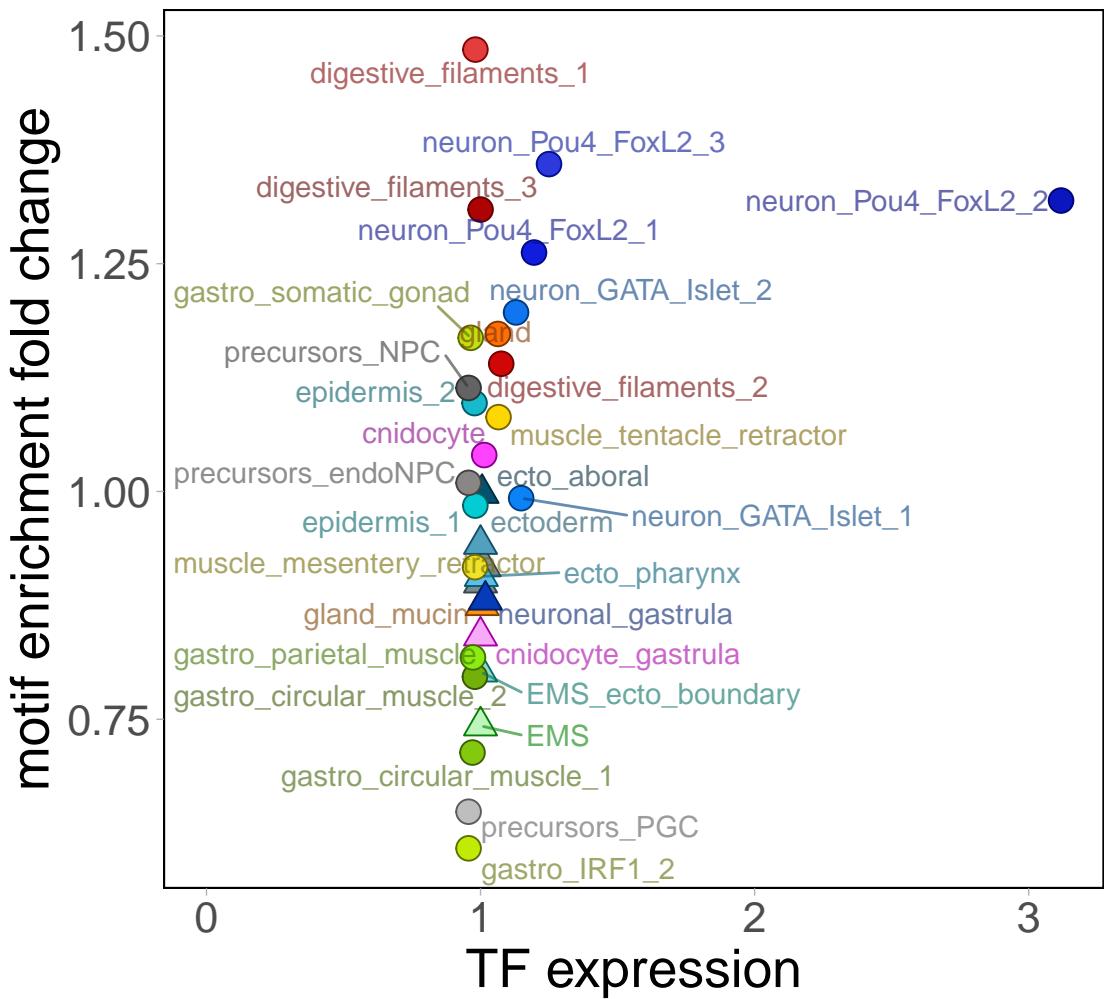


Nvec_vc1.1_XM_03237881.2 (CREB3
OG: bZIP.HG1.15:CREB3/CREB3L1/CF
PFAM: bZIP_1
motif: ARCH1485_Atf3/Jdp2_Fos/Fosb.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 14
gene expression correlation: -0.0694
gene score correlation: 0.3155

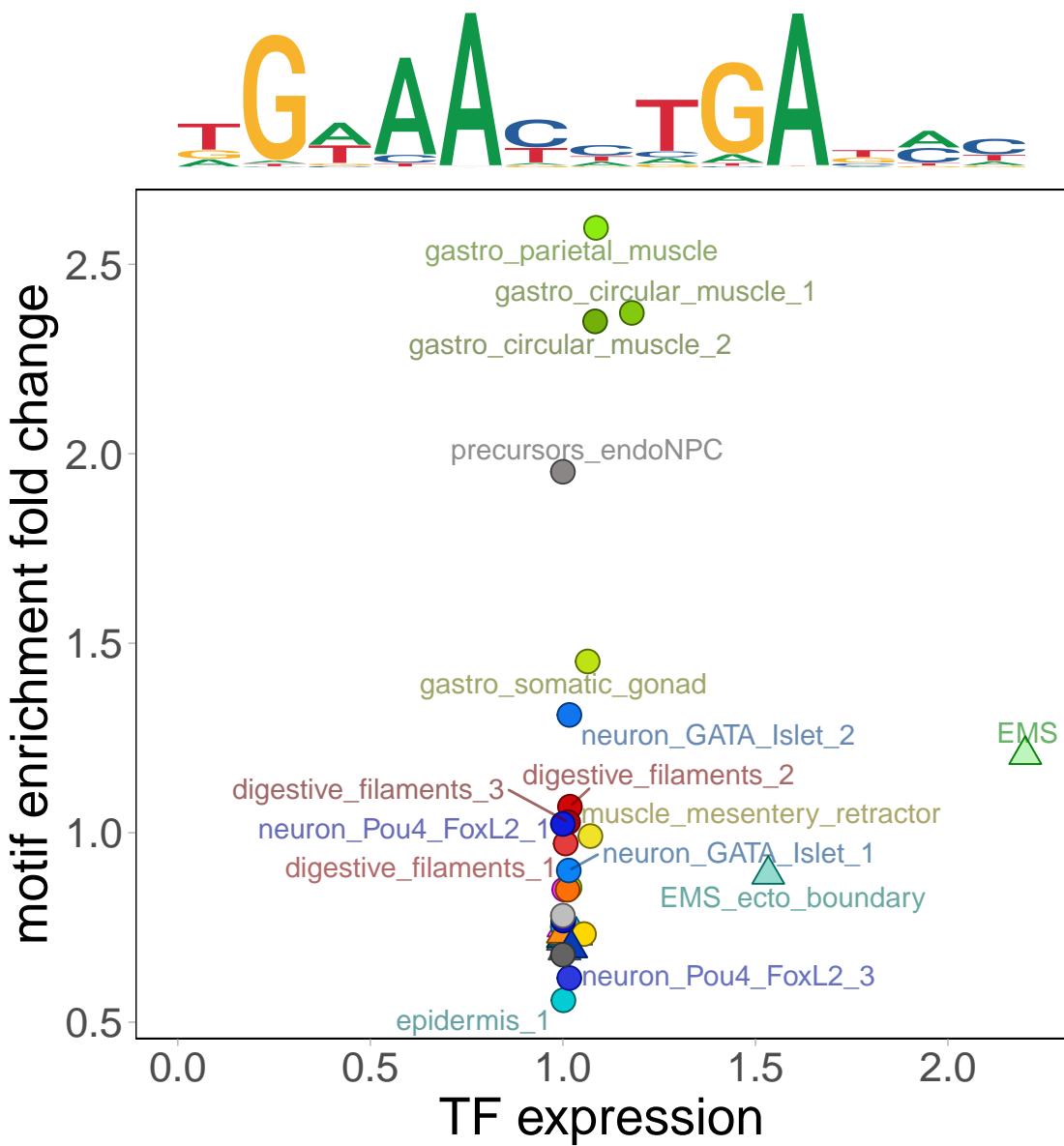
TGA  TCA 



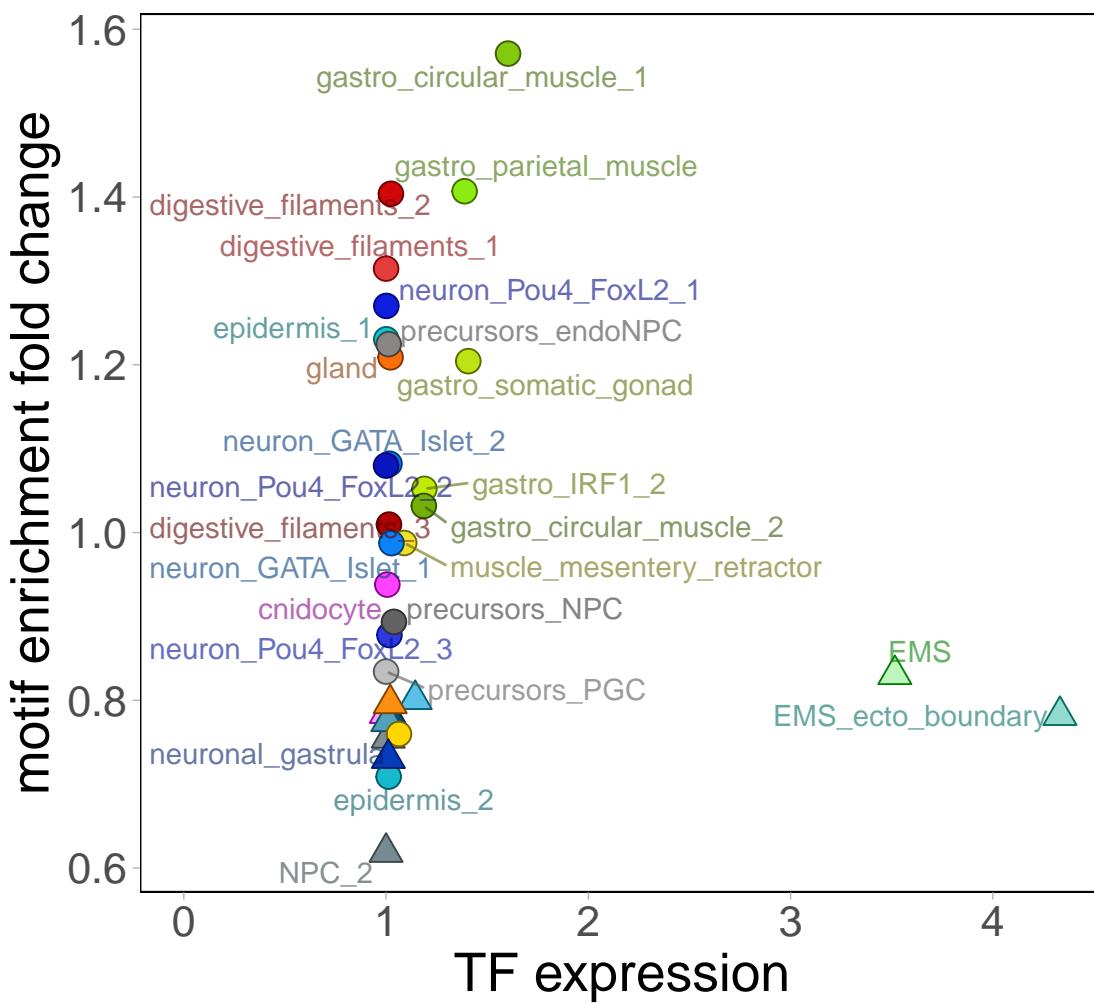
Nvec_vc1.1_XM_032379465.2 (SoxB2/
OG: HMGbox_Sox.HG1.19:like:SOX1/S
PFAM: HMG_box
motif: ARCH1040_PB0066.1_Sox17_1
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 30
gene expression correlation: 0.3571
gene score correlation: 0.5278



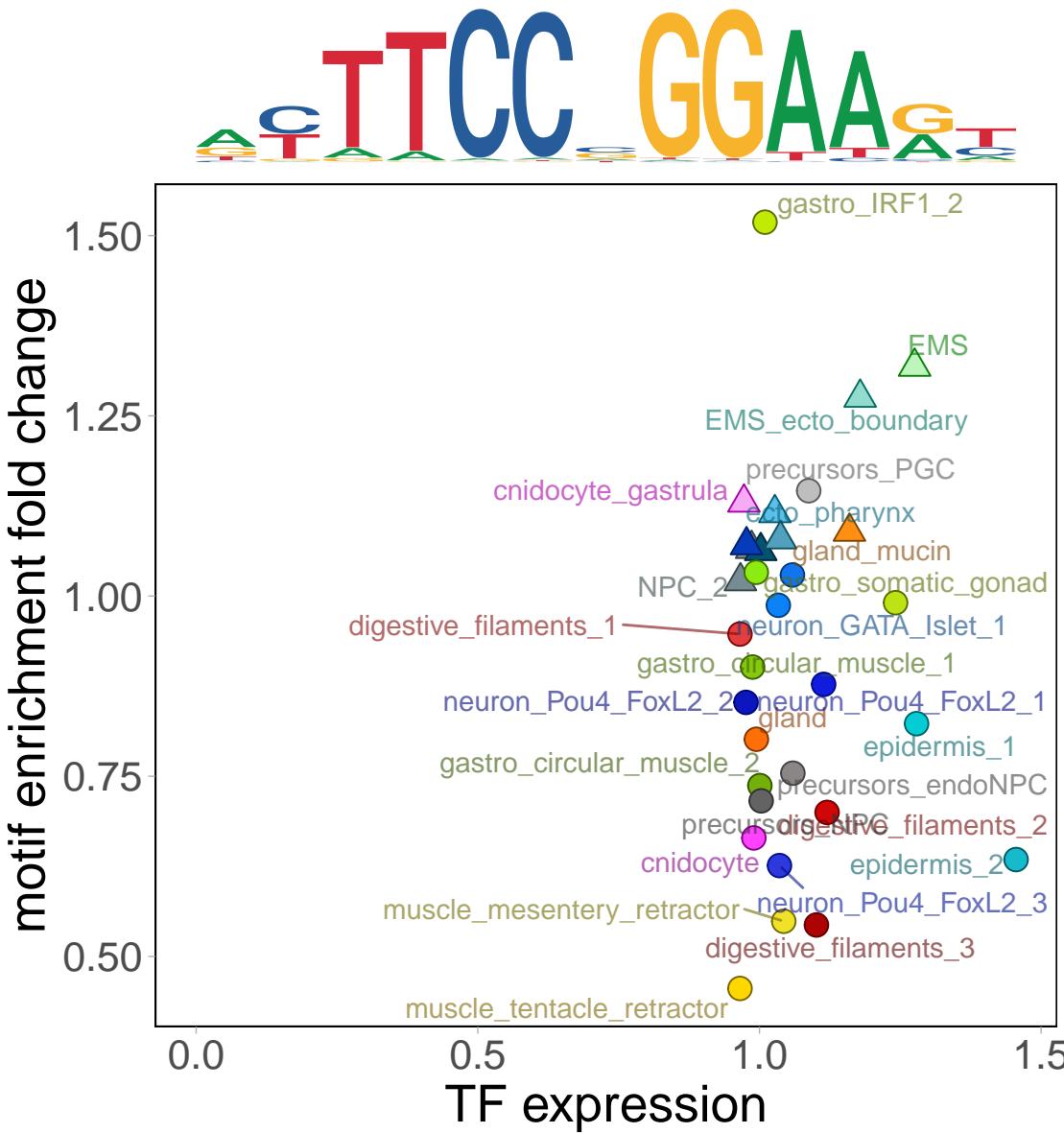
Nvec_vc1.1_XM_032379688.2 (NVHDO
OG: Homeodomains.HG1.39:BARHL1/B
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.1514
gene score correlation: 0.6485



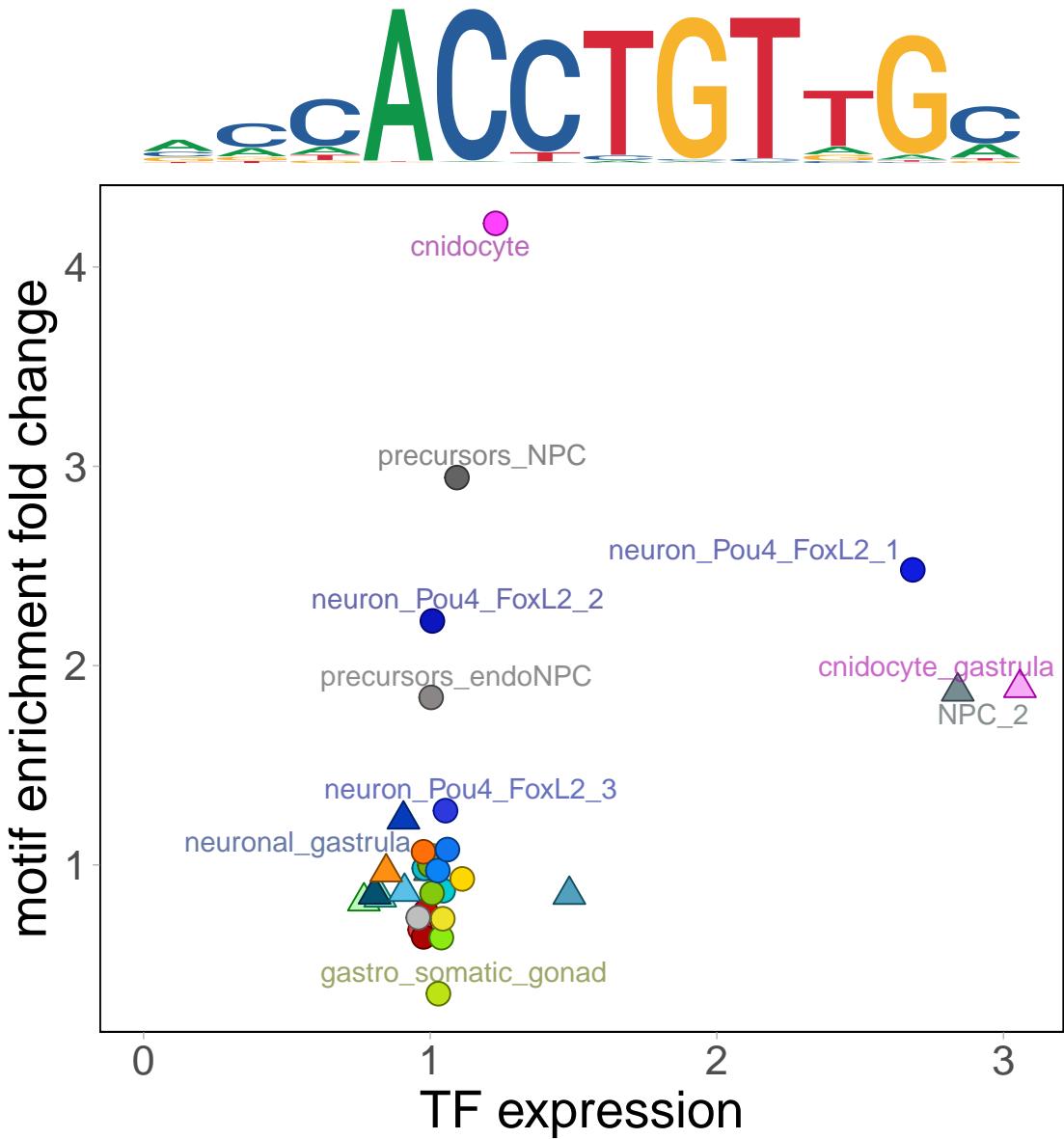
Nvec_vc1.1_XM_032381908.2 (Hand2)
OG: HLH.HG1.66:like:HAND1/HAND2
PFAM: HLH
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 129
gene expression correlation: -0.0993
gene score correlation: 0.1459



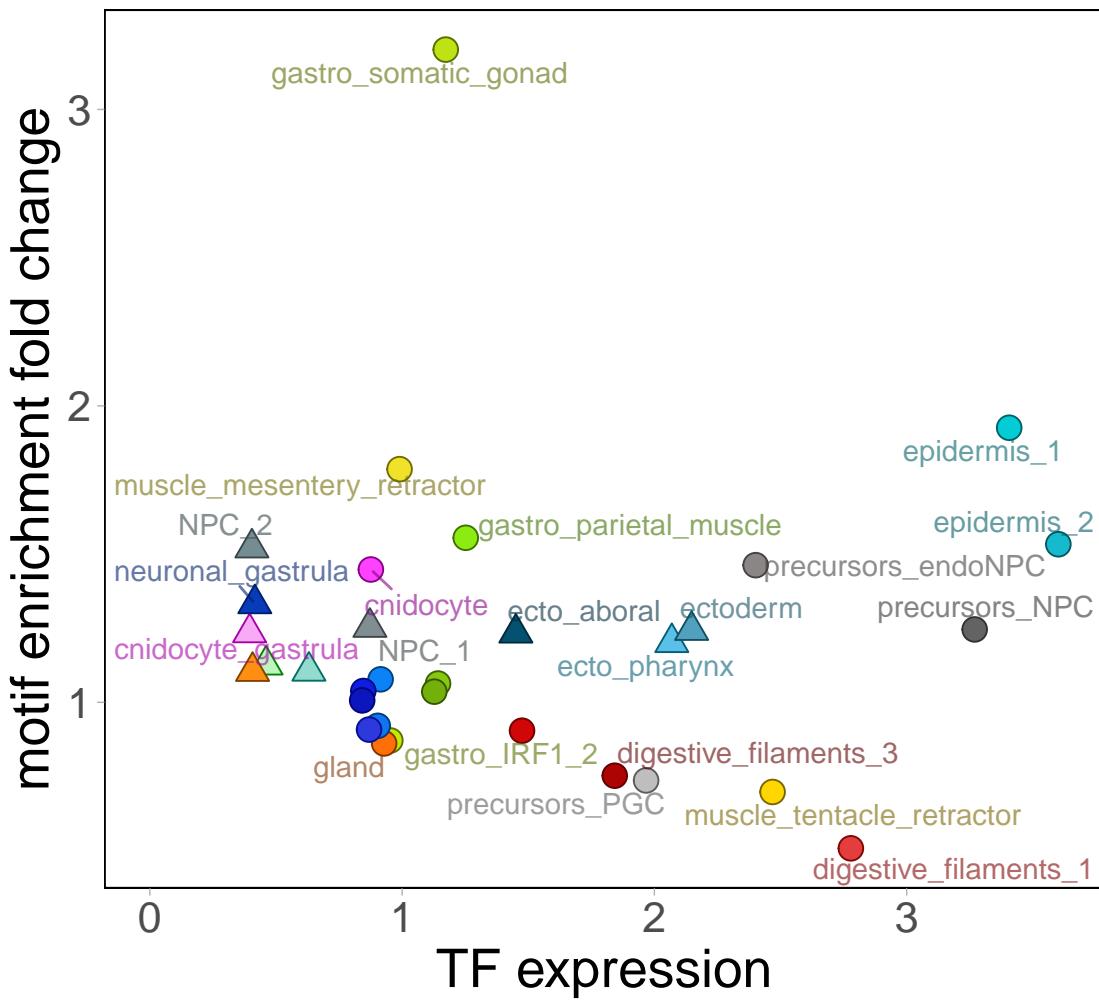
Nvec_vc1.1_XM_032384221.2 (ETV6/7)
OG: Ets.HG1.13:ETV6/ETV7
PFAM: Ets
motif: ARCH551_Elf3/Ehf/Elf5_Etv6
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 151
gene expression correlation: -0.0003
gene score correlation: -0.0625



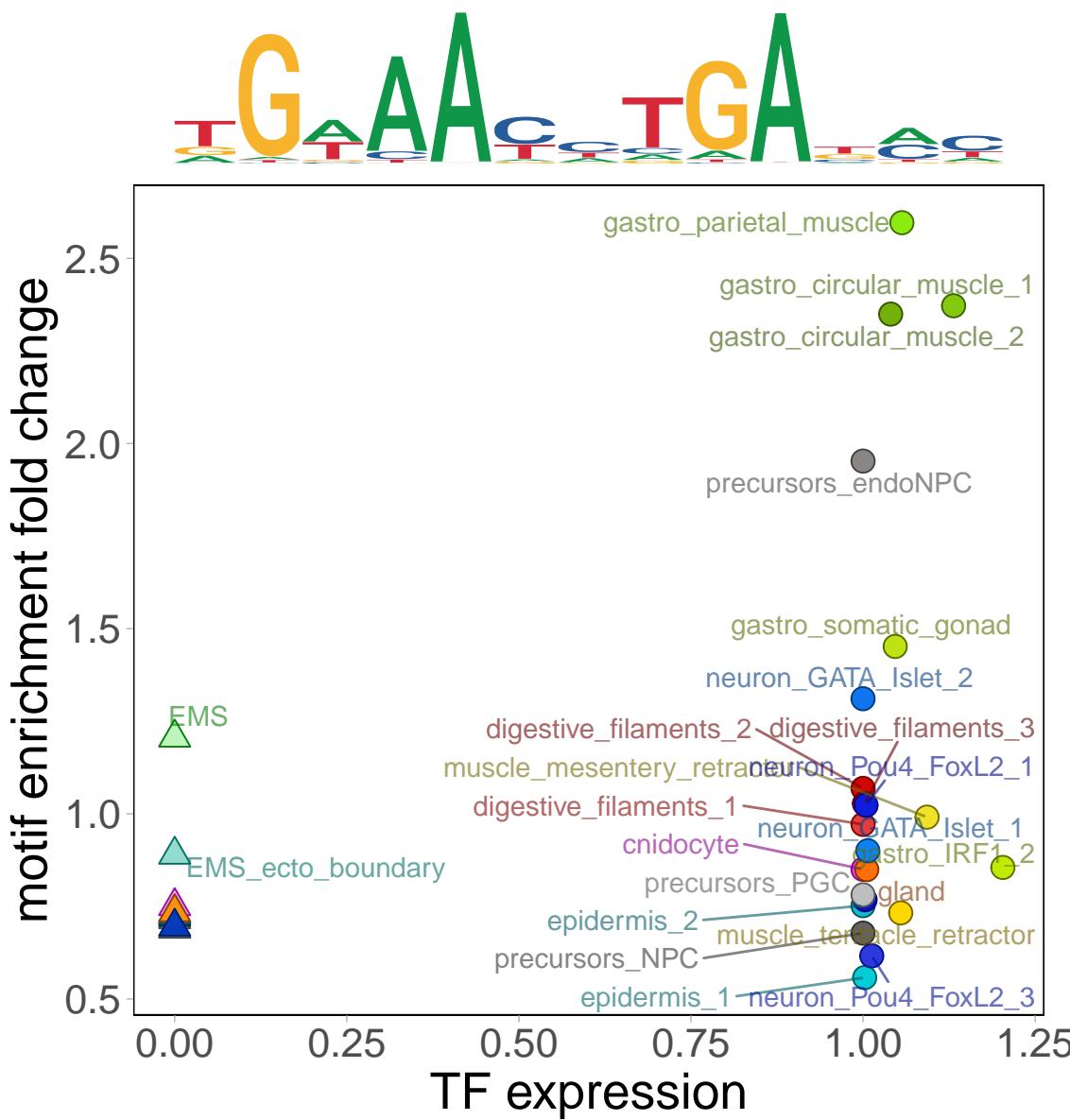
Nvec_vc1.1_XM_032384420.2 (Sp6-9)
OG: zf-C2H2.HG2.14:SP1/SP2/SP3/SP4
PFAM: zf-C2H2/zf-C2H2/zf-C2H2_4
motif: ARCH861_Scrt2/Scrt1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.3963
gene score correlation: 0.3672



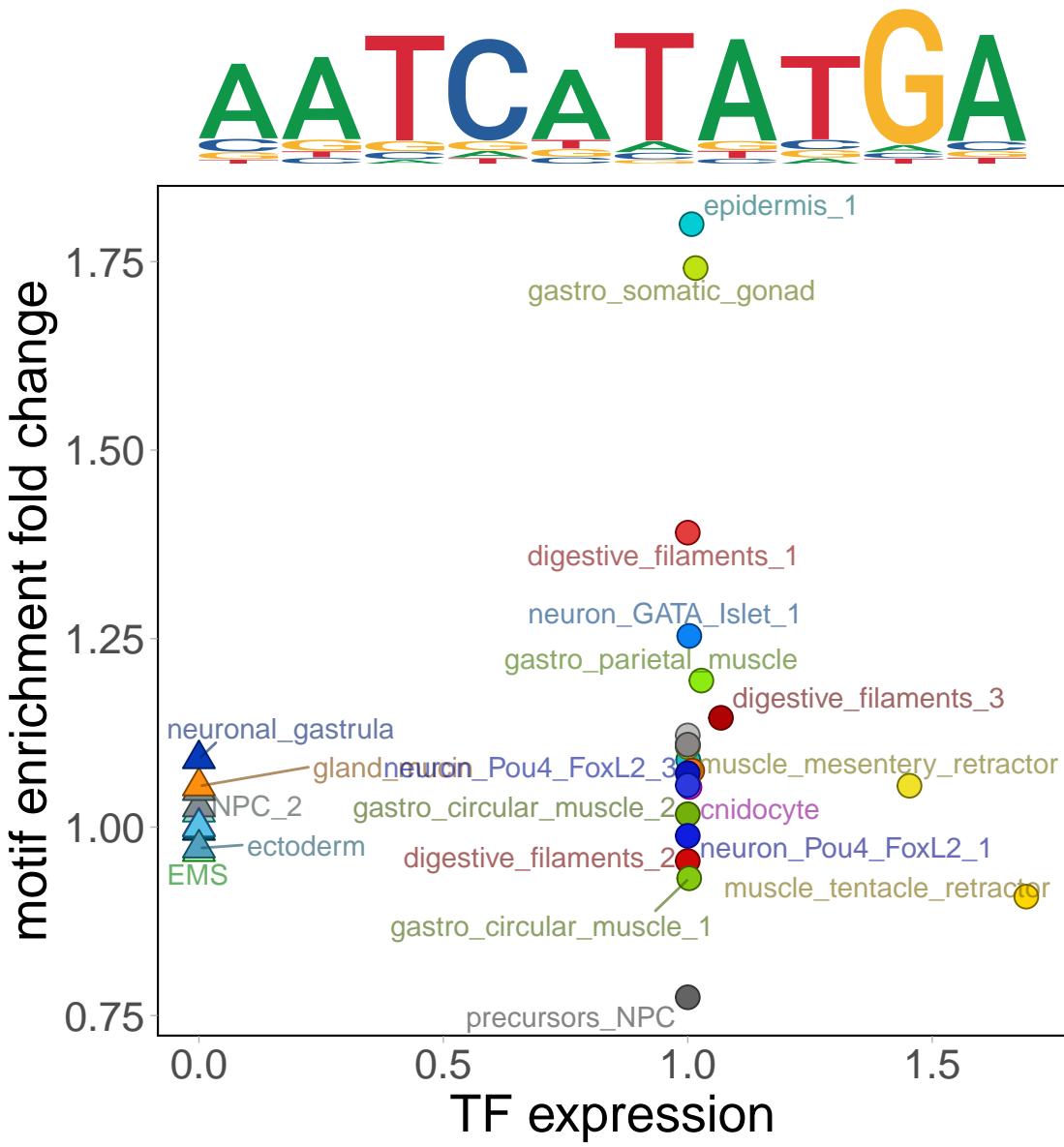
Nvec_vc1.1_XM_032384889.2 (Hes2)
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH/Hairy_orange
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 142
gene expression correlation: 0.0275
gene score correlation: 0.0693



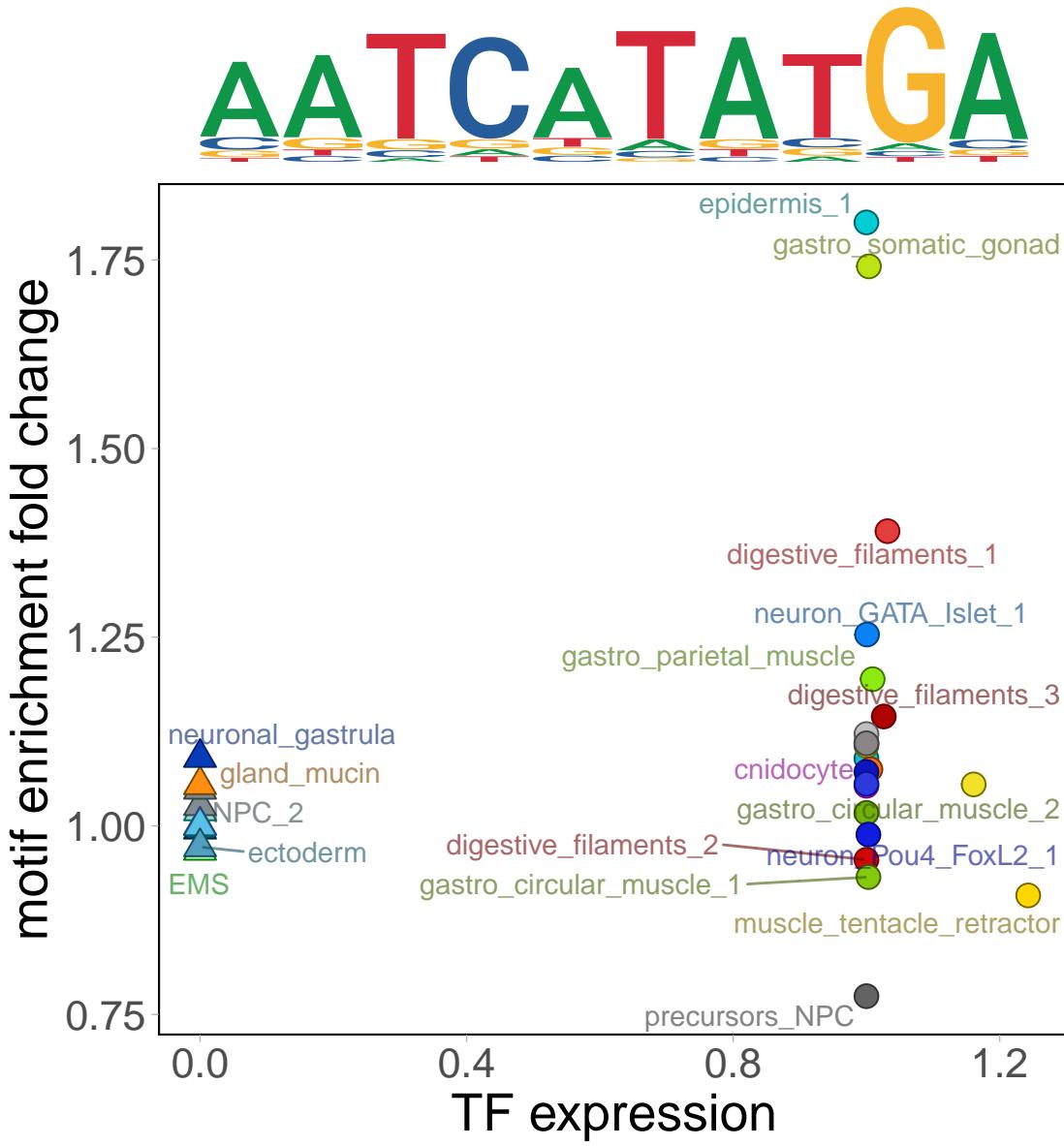
Nvec_vc1.1_XM_032384965.2 (BarH-L)
OG: Homeodomains.HG1.39:BARHL1/B
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 38
gene expression correlation: 0.3492
gene score correlation: 0.7017



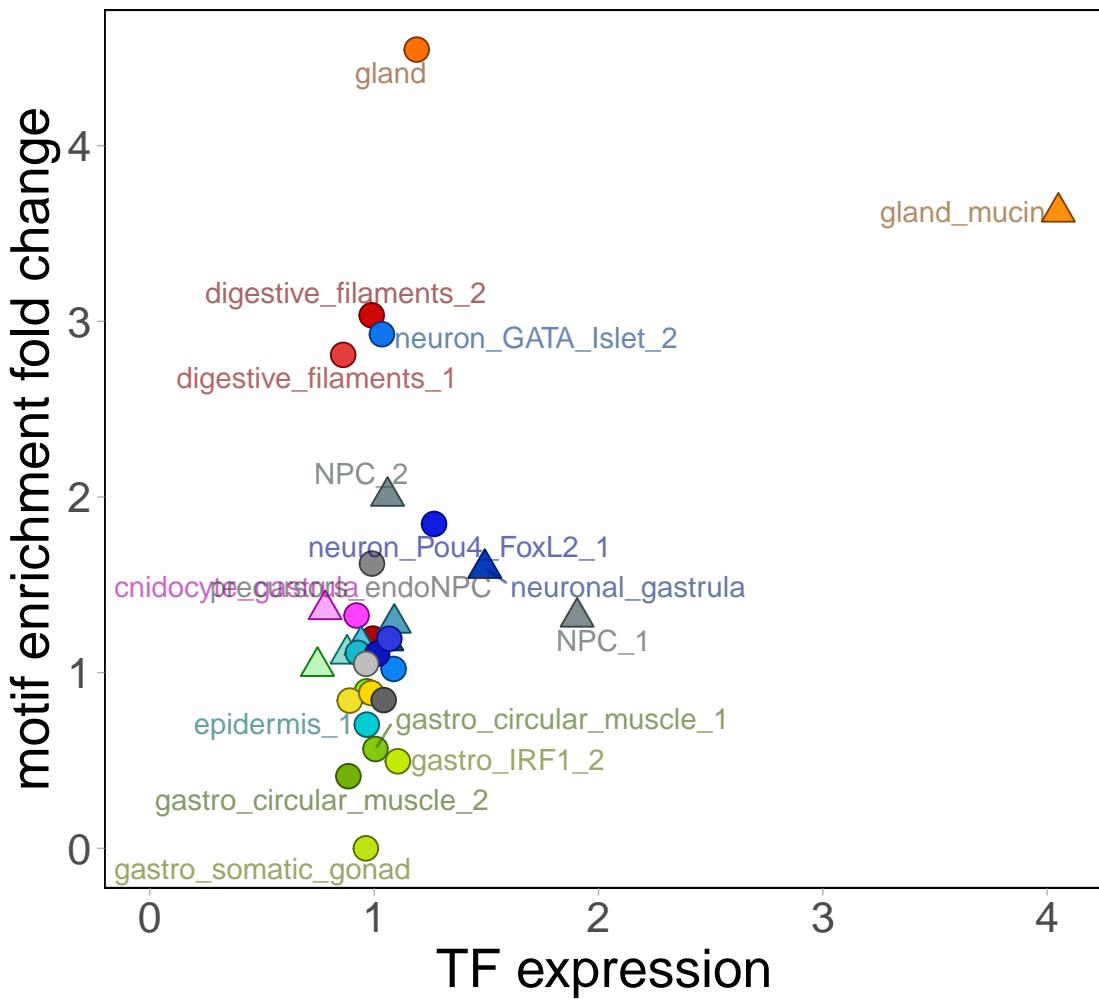
Nvec_vc1.1_XM_032385184.2 (Nem24)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 242
gene expression correlation: 0.2025
gene score correlation: 0.0814



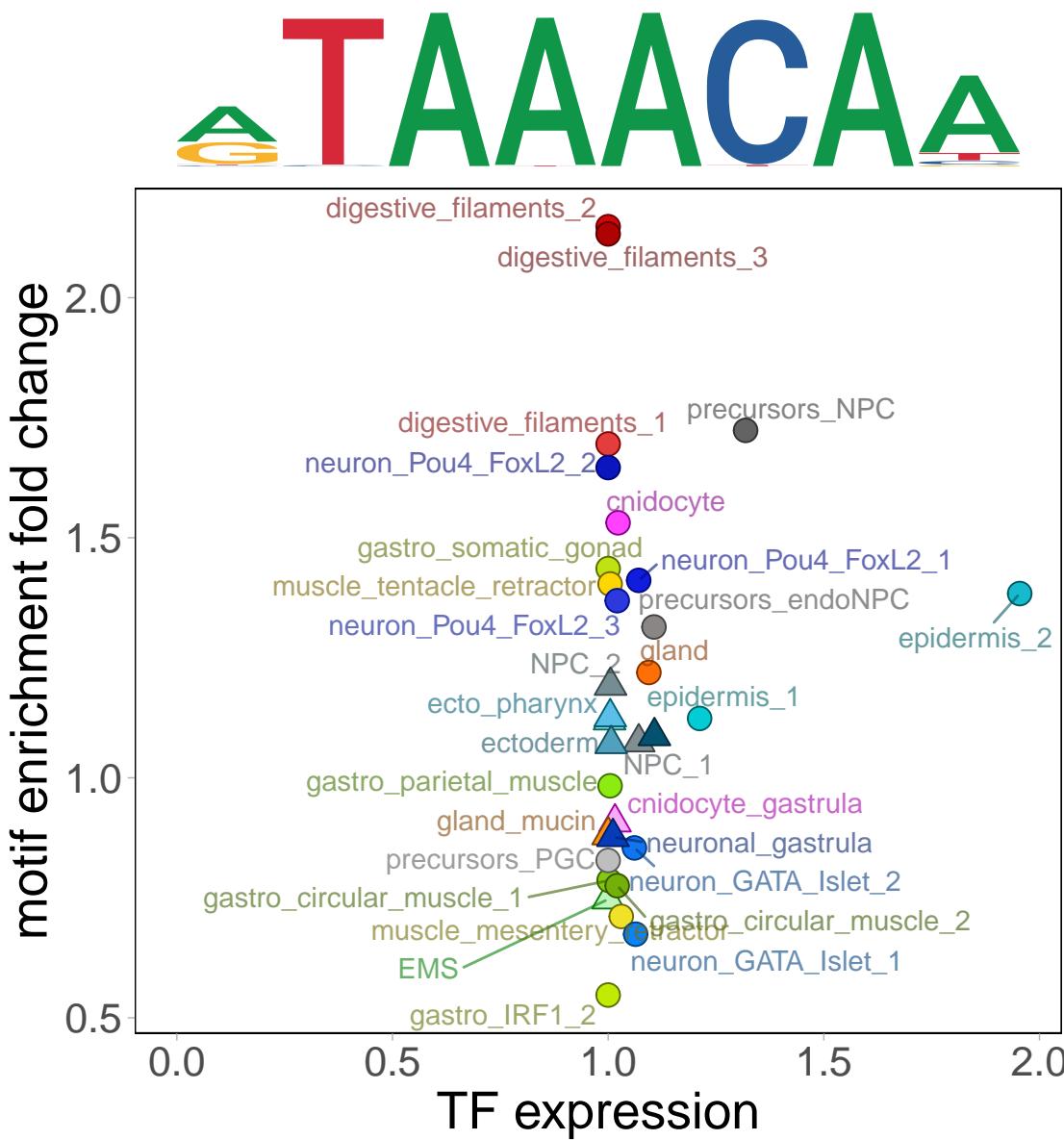
Nvec_vc1.1_XM_032385185.2 (Nem7)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 73
gene expression correlation: 0.2456
gene score correlation: 0.1241



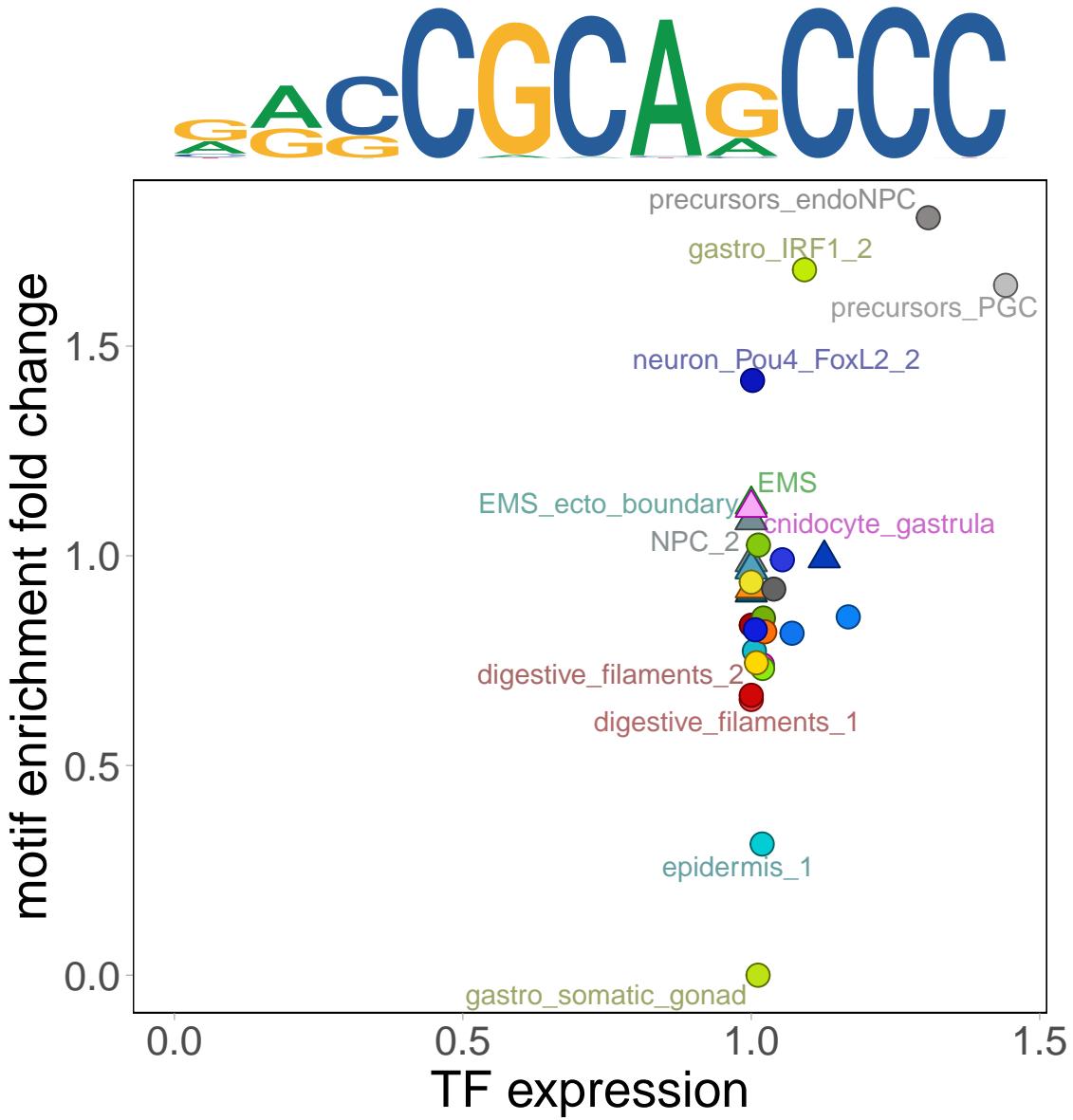
Nvec_vc1.1_XM_032385647.2 (RFX1/2
OG: RFX.HG1.2:RFX1/RFX2/RFX3
PFAM: RFX_DNA_binding
motif: ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4331
gene score correlation: 0.6082



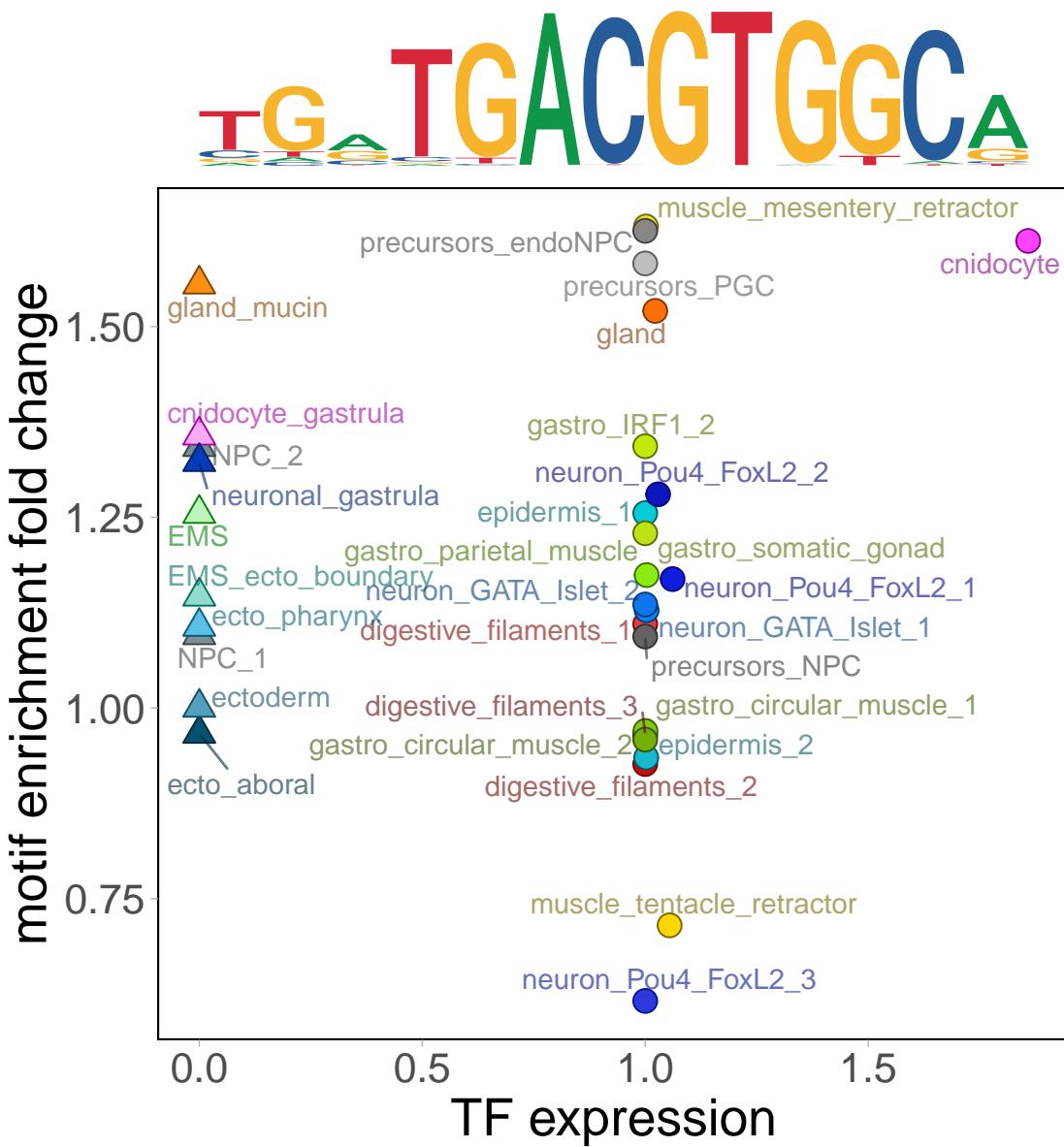
Nvec_vc1.1_XM_032385706.2 (FoxQ2d)
OG: Forkhead.HG1.14:like:FOXN1/FOX
PFAM: Forkhead
motif: FoxQ2d
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1372
gene score correlation: 0.1819



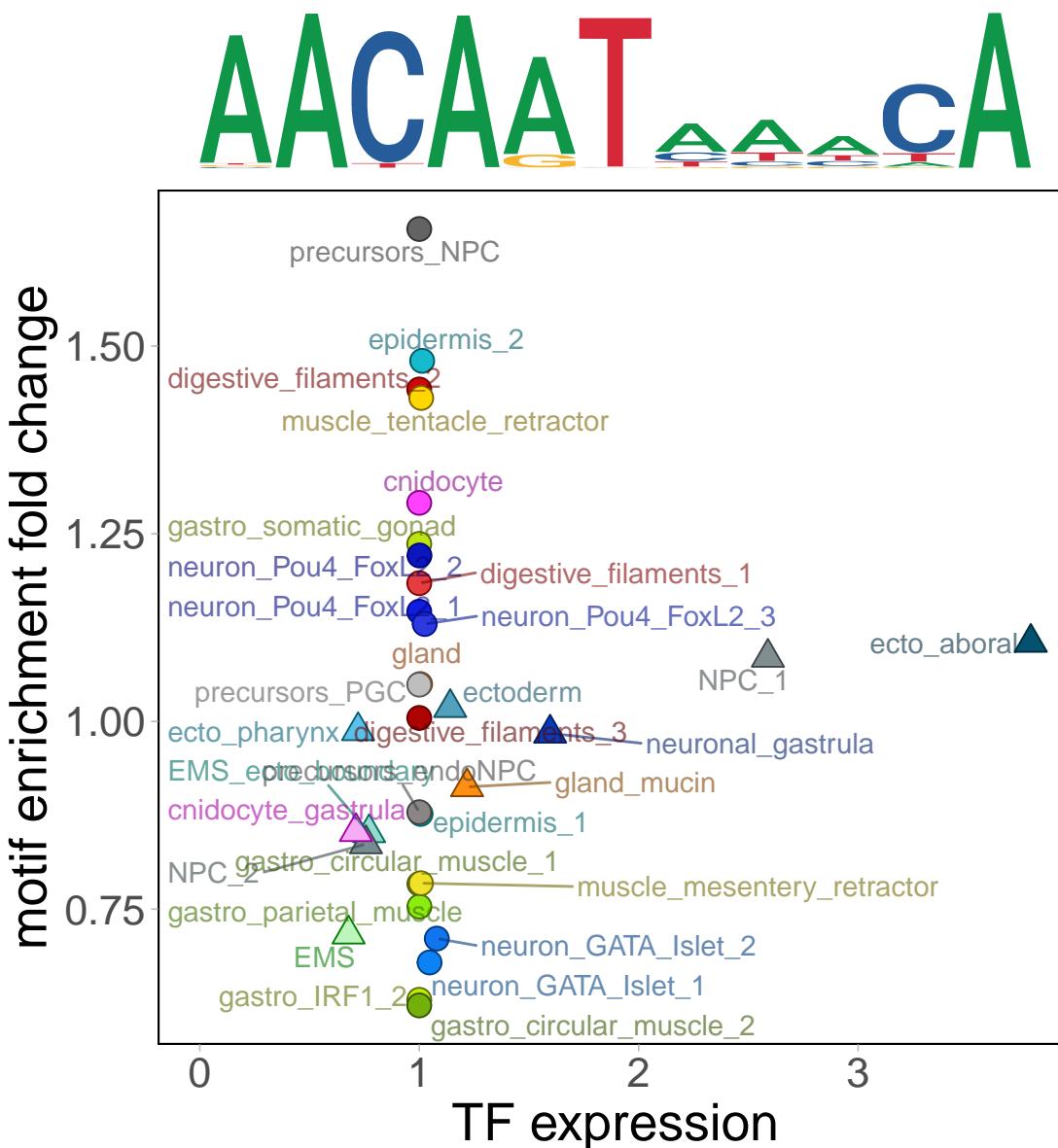
Nvec_vc1.1_XM_032385745.2 (Prdm14)
OG: zf-C2H2.HG19.1:PRDM14
PFAM: zf-C2H2/zf-C2H2
motif: ARCH533_Klf5_Klf7_Klf8
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.5623
gene score correlation: 0.4834



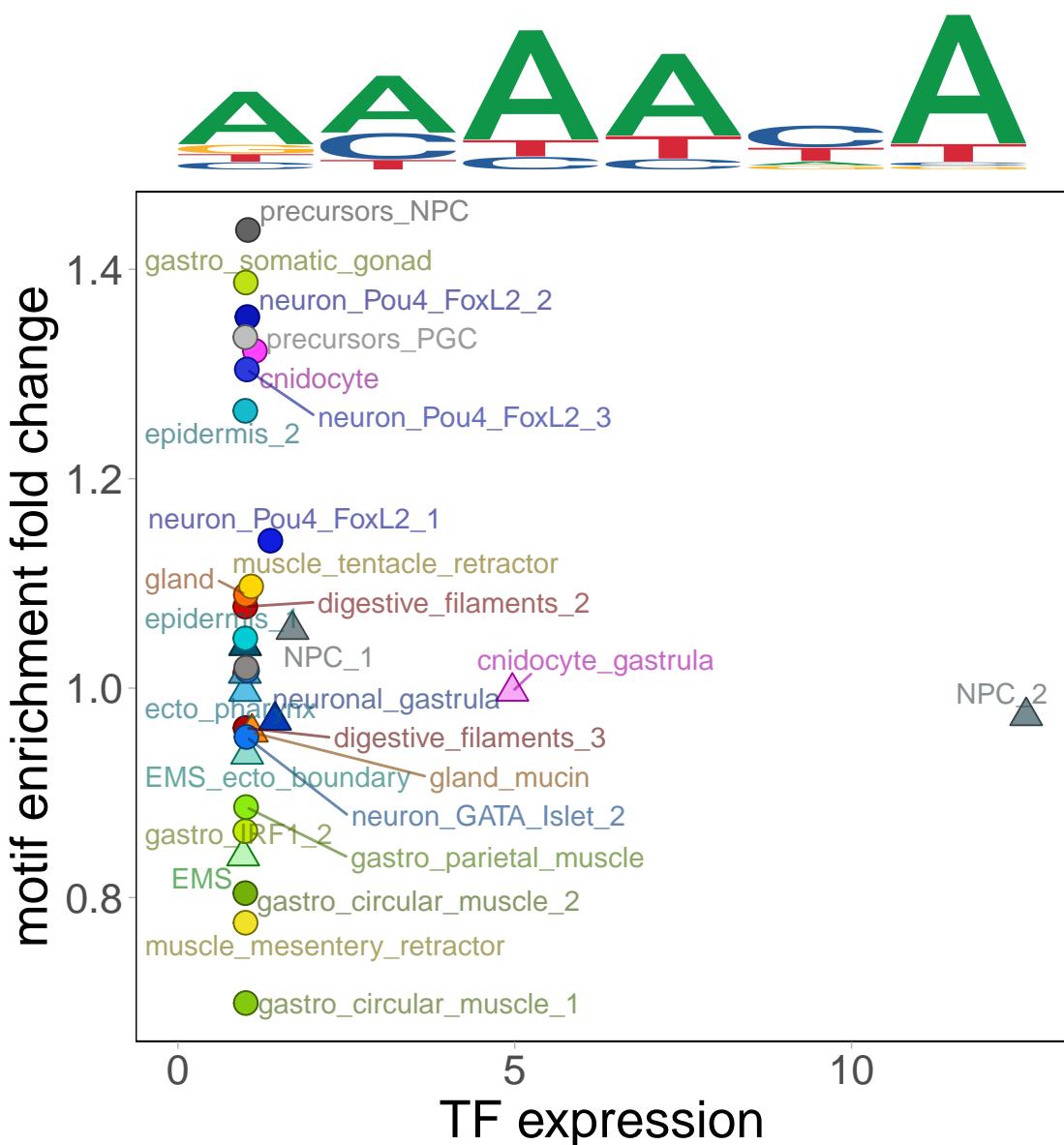
Nvec_vc1.1_XM_032385896.2 (Cnido-)
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
motif: ARCH947_Creb3I2/Creb3I1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.0266
gene score correlation: 0.3412



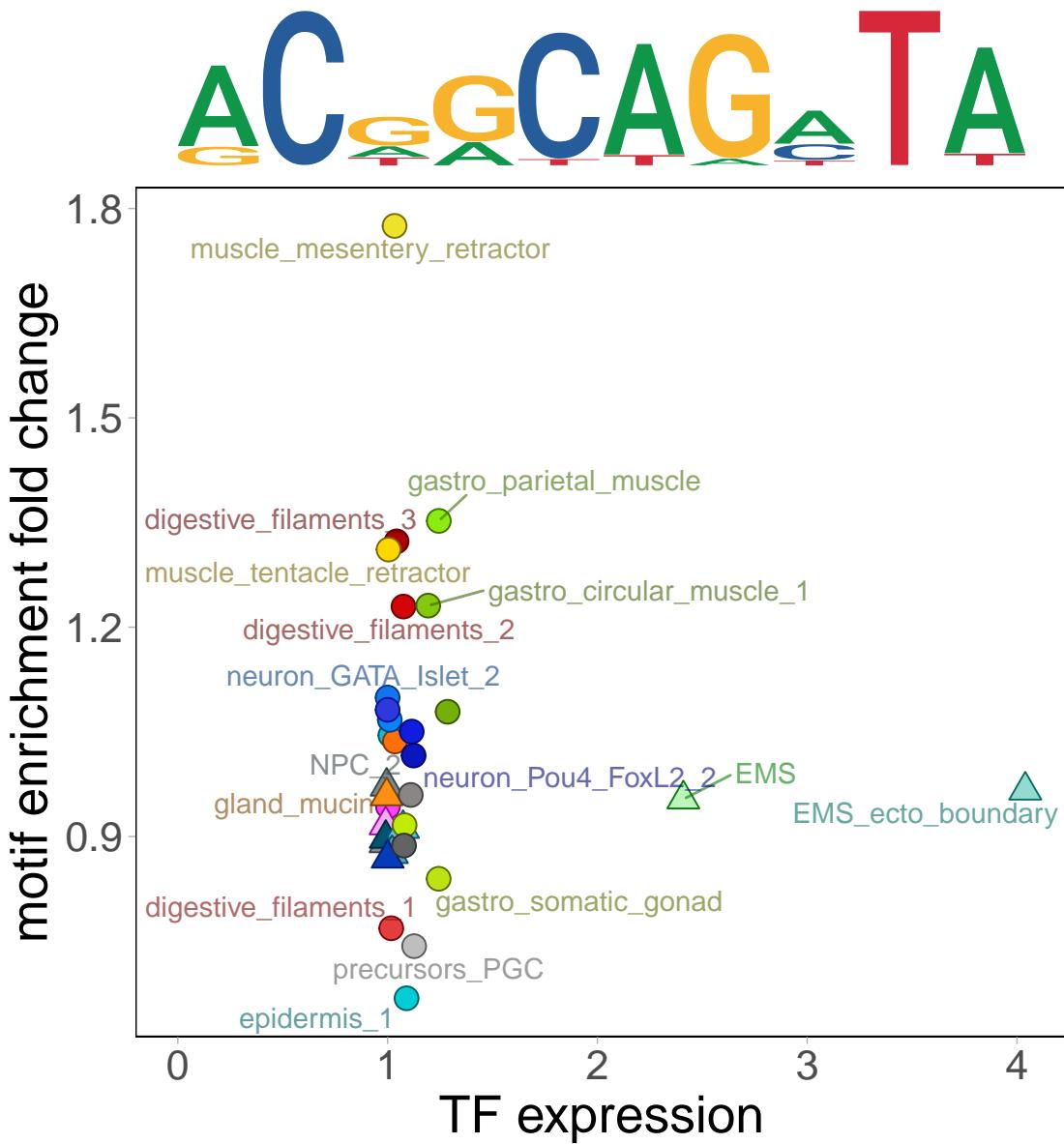
Nvec_vc1.1_XM_032386947.2 (FoxQ2a)
OG: Forkhead.HG1.13:like:FOXN1/FOX
PFAM: Forkhead
motif: ARCH1178_/Sox4/Sox11_Foxd2/
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 105
gene expression correlation: 0.1128
gene score correlation: 0.0466



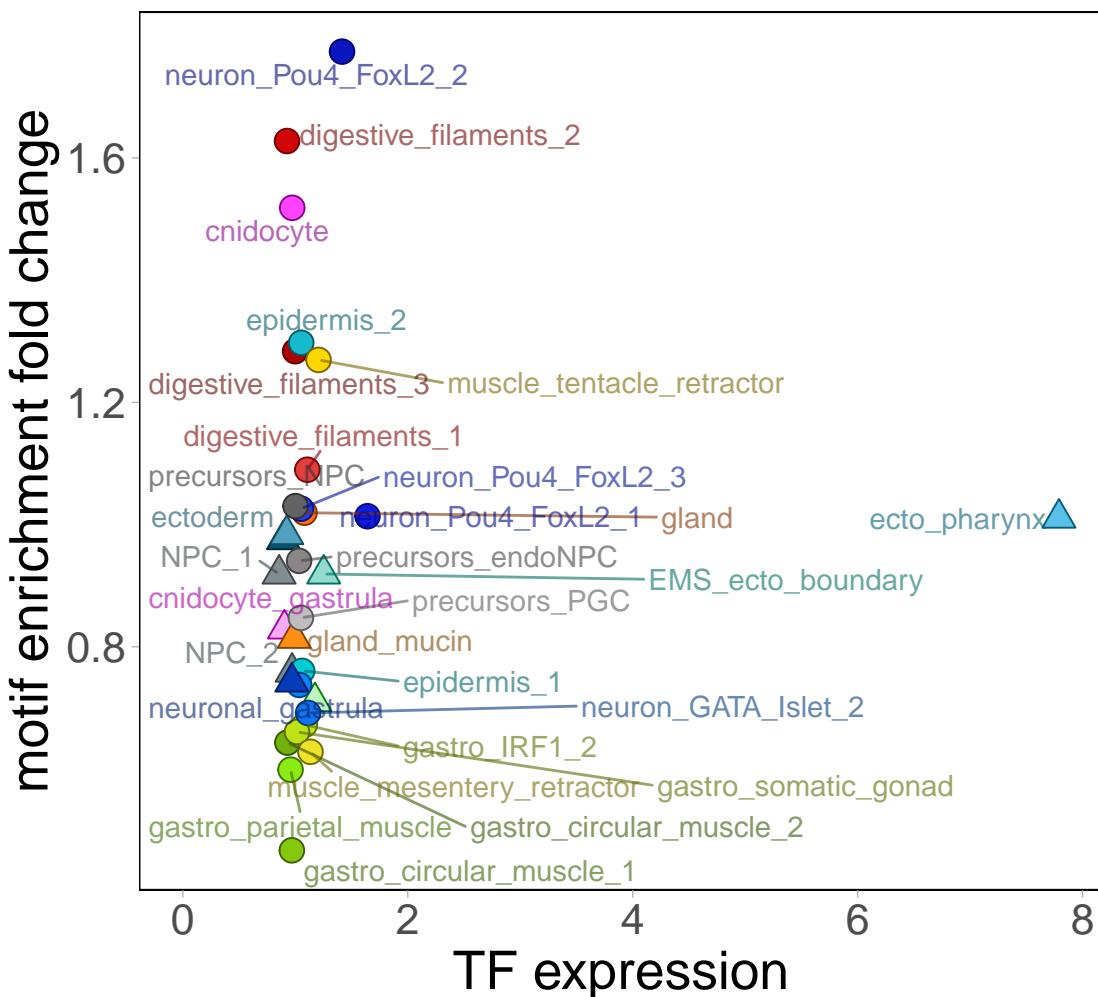
Nvec_vc1.1_XM_032387167.2 (FoxA/D)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FoxD
PFAM: Forkhead
motif: ARCH1102_Foxa3/Foxa1/Foxa2_FoxD
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 70
gene expression correlation: -0.0859
gene score correlation: 0.2844



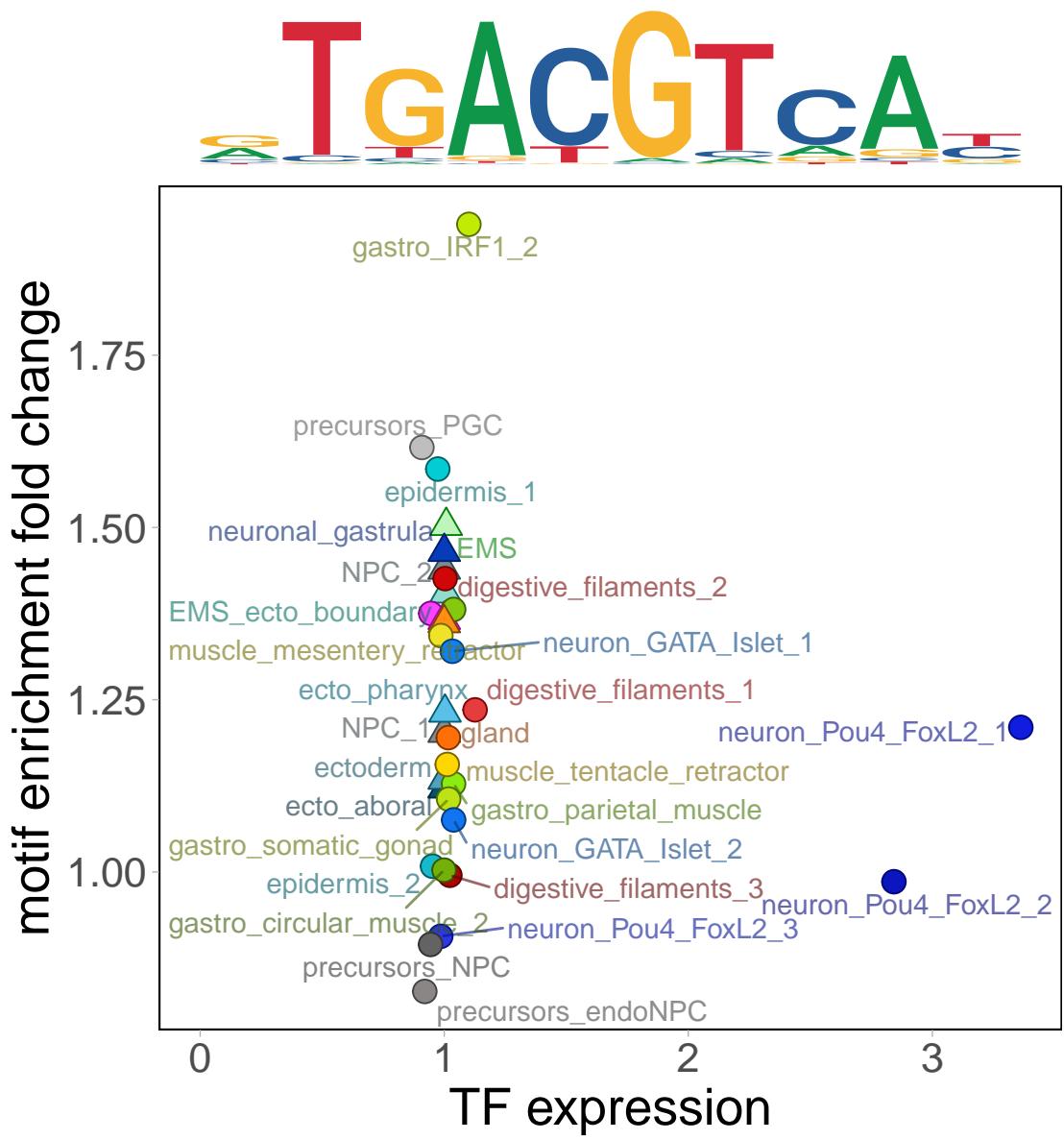
Nvec_vc1.1_XM_032387186.2 (SnailA)
OG: zf-C2H2.HG7.5:SNAI1/SNAI2/SNA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH866_ZNF317
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 251
gene expression correlation: -0.0539
gene score correlation: 0.0070



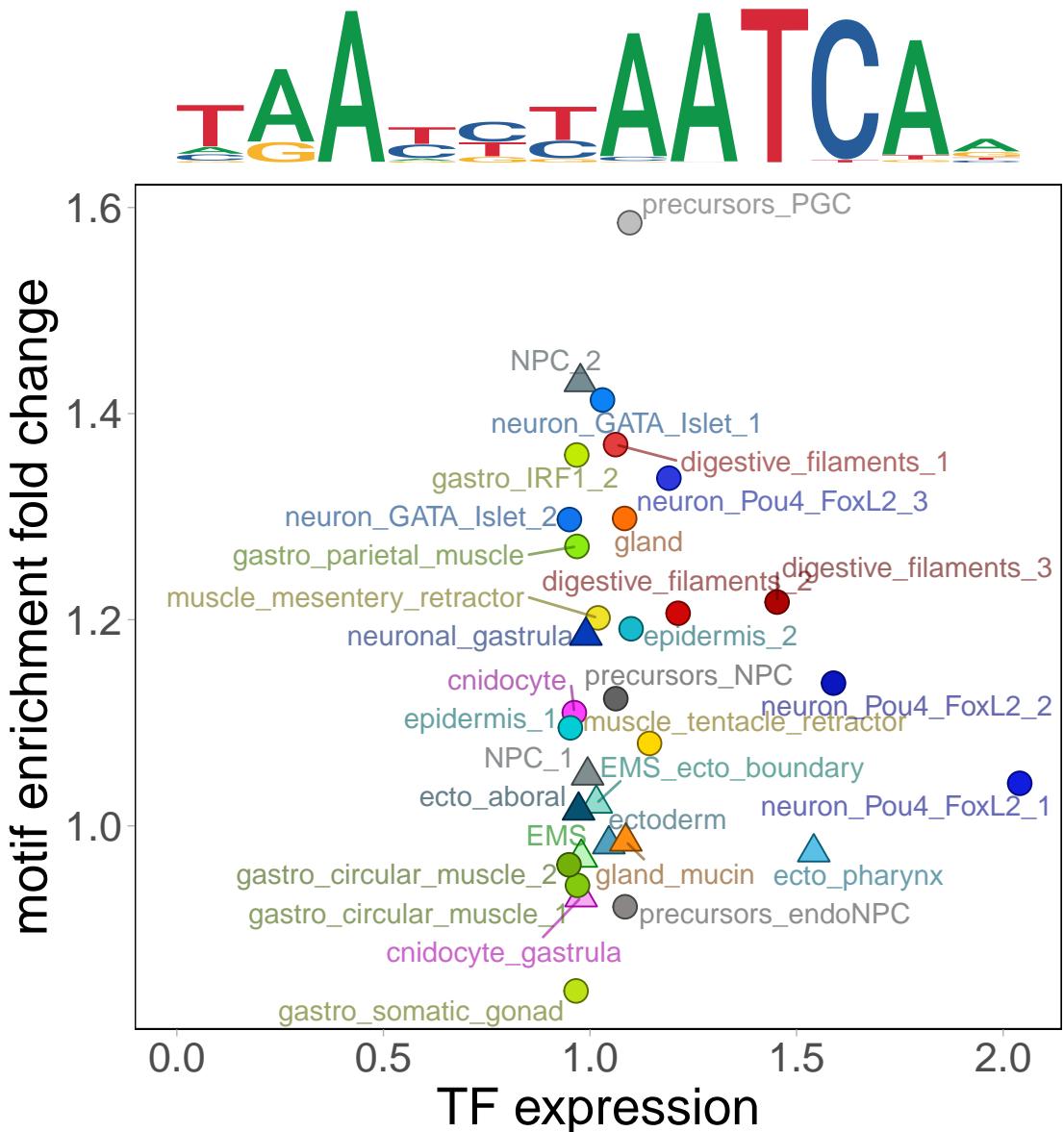
Nvec_vc1.1_XM_048728028.1 (FoxB)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FoxA
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/FoxA
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.0683
gene score correlation: 0.4307



Nvec_vc1.1_XM_048730161.1 (Cnido-OG: bZIP.HG1.9:like:ATF3/ATF4/ATF5/PFAM: bZIP_1
motif: ARCH1620_Atf3/Jdp2_Creb3I2/..
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 737
gene expression correlation: -0.1278
gene score correlation: -0.0728



Nvec_vc1.1_XM_048731137.1 (LMX)
OG: Homeodomains.HG2.20:LHX1/LHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH93_AW822073//Duxf3/Duxb
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 48
gene expression correlation: -0.0495
gene score correlation: -0.0408



Nvec_NVE19743

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

PFAM: HLH

motif: ARCH1533_BHLH112

TF family: HLH

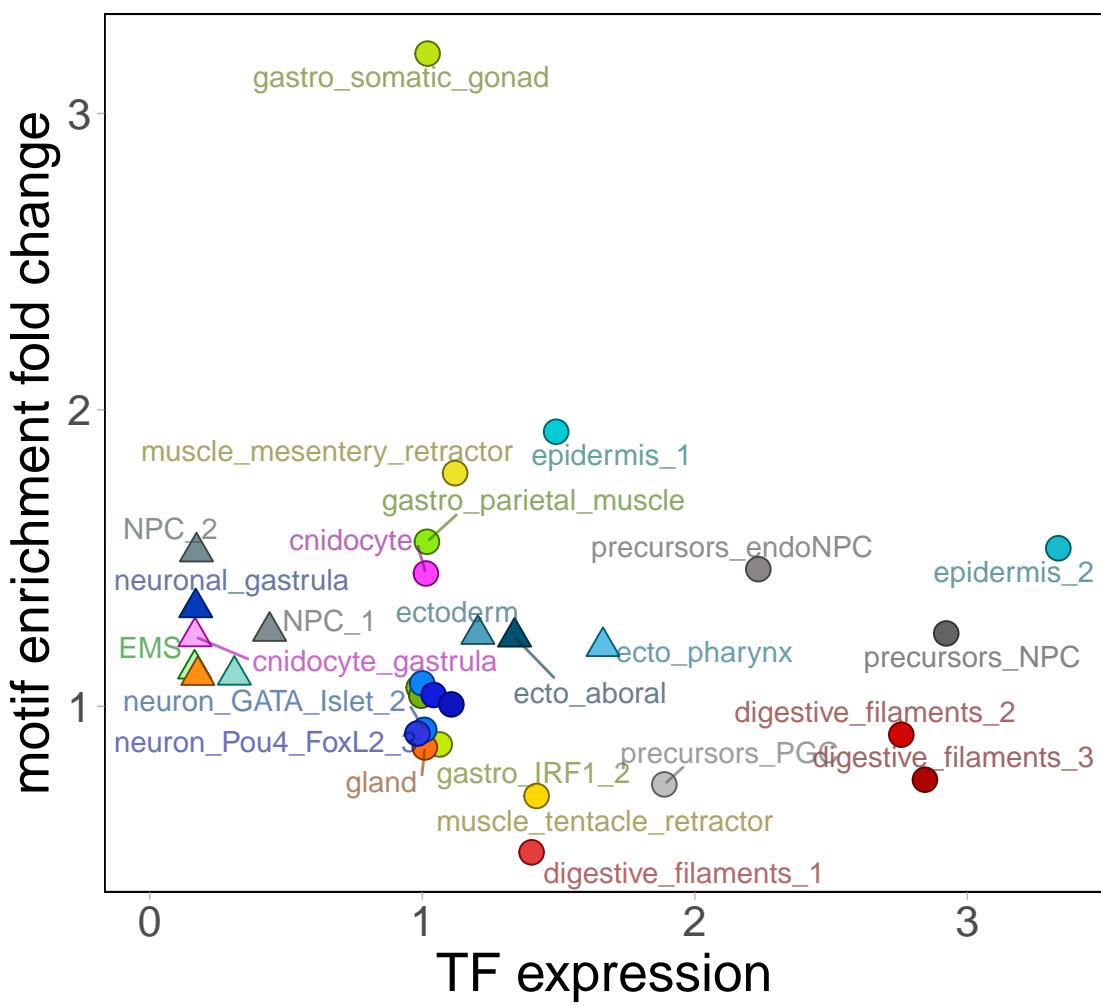
archetype family: HLH

CisBP assigned: FALSE

rank: 20

gene expression correlation: -0.0764

gene score correlation: 0.1633



Nvec_NVE7697

OG: Homeodomains.HG2.24:like:LEUT

PFAM: Homeodomain

motif: ARCH1442_Dmbx1_Gsc2/Gsc//C

TF family: Homeodomains

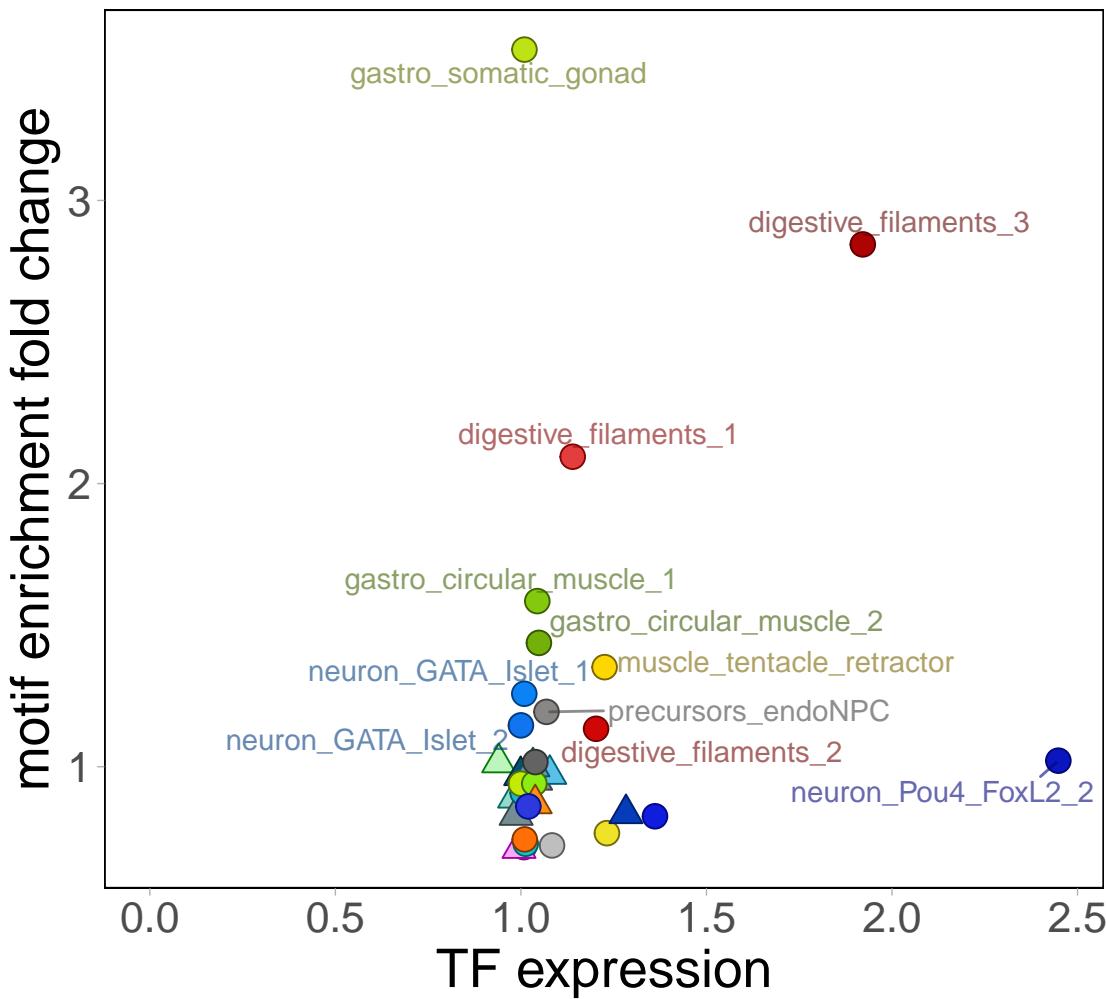
archetype family: Homeodomains

CisBP assigned: TRUE

rank: 663

gene expression correlation: 0.2151

gene score correlation: 0.0526



Nvec_v1g241767

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

PFAM: Jun

motif: ARCH364_Creb3I2/Creb3I1_Cre.

TF family: bZIP

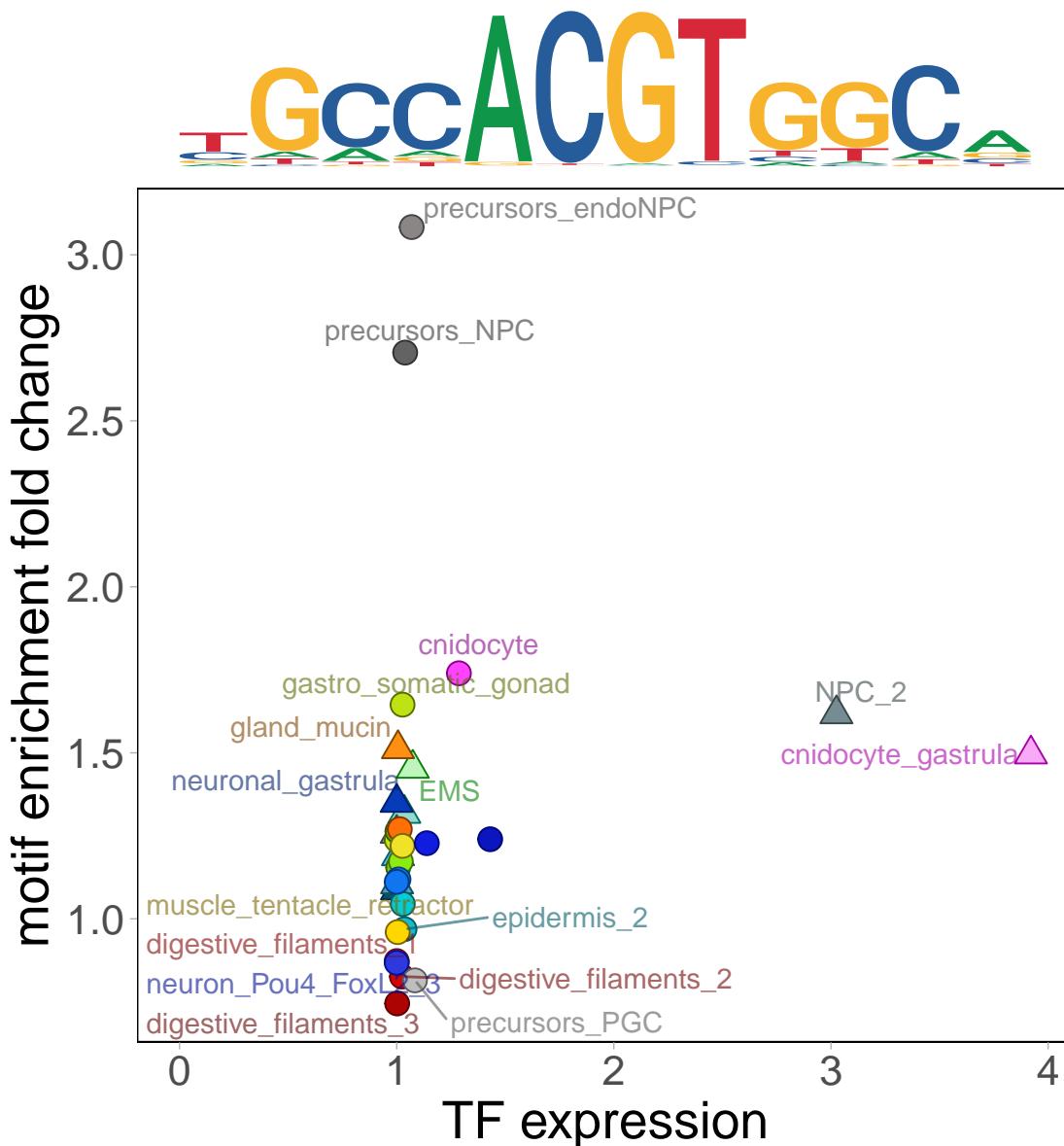
archetype family: bZIP

CisBP assigned: FALSE

rank: 445

gene expression correlation: 0.1520

gene score correlation: 0.0547



Nvec_v1g99666

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

PFAM: HLH

motif: ARCH1533_BHLH112

TF family: HLH

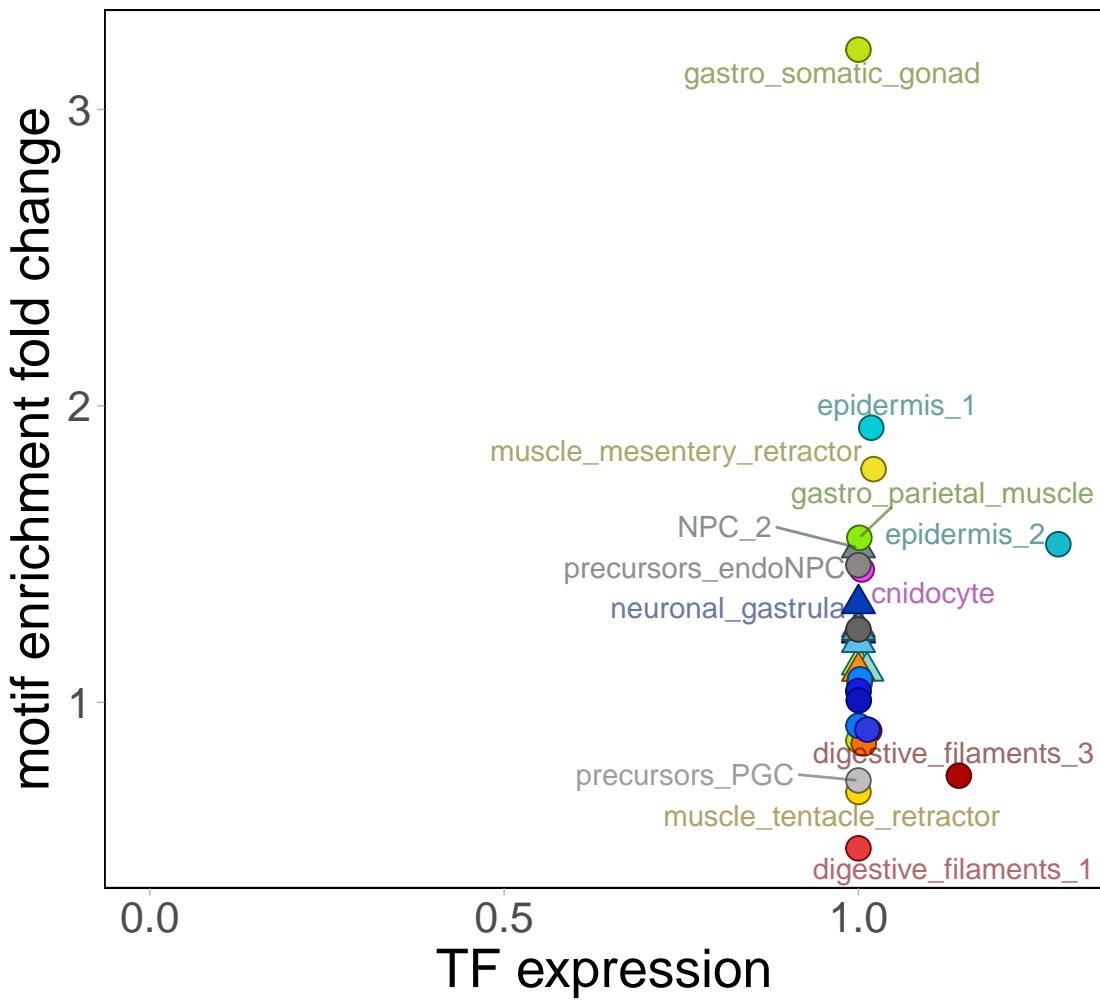
archetype family: HLH

CisBP assigned: FALSE

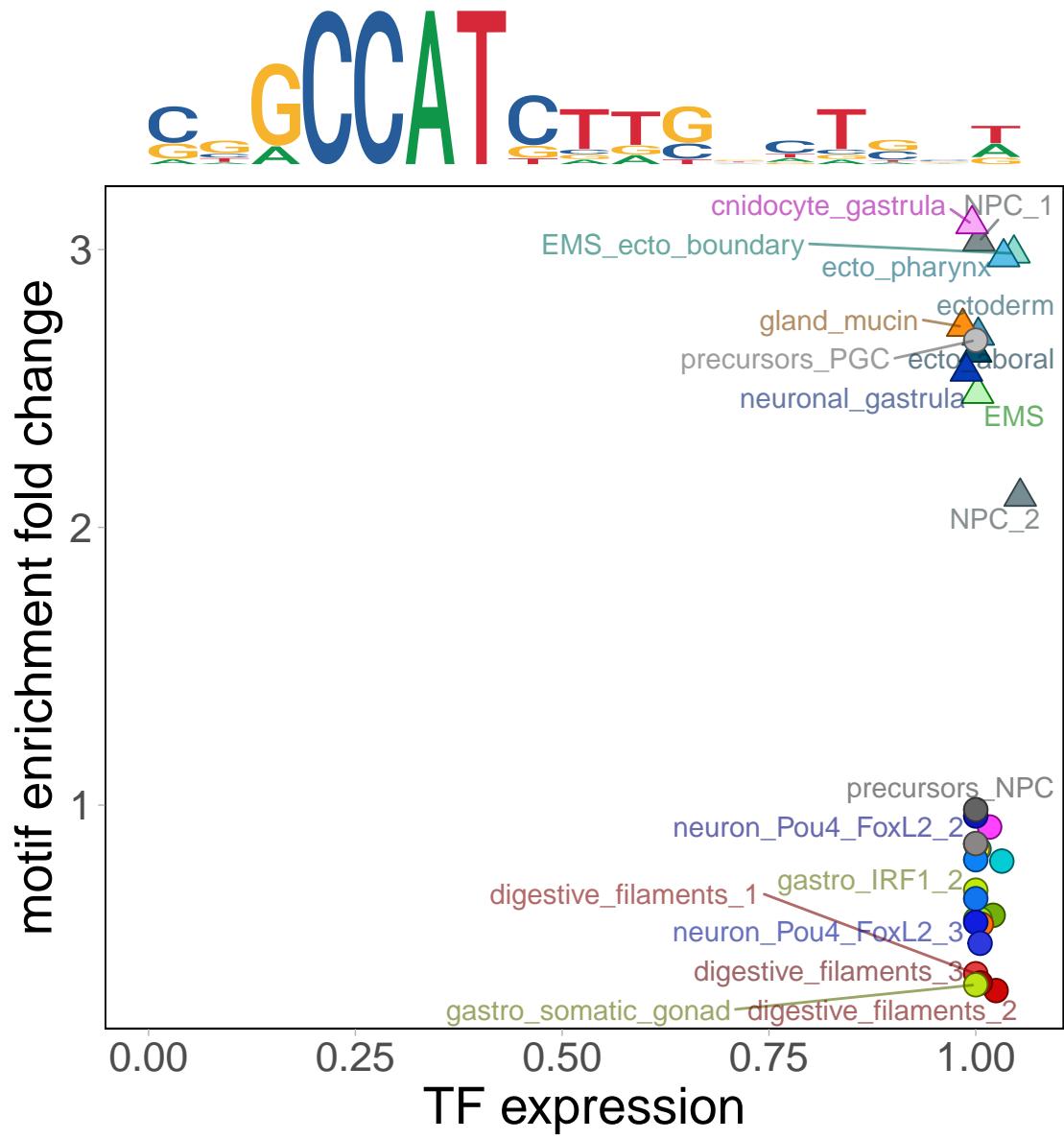
rank: 33

gene expression correlation: 0.0459

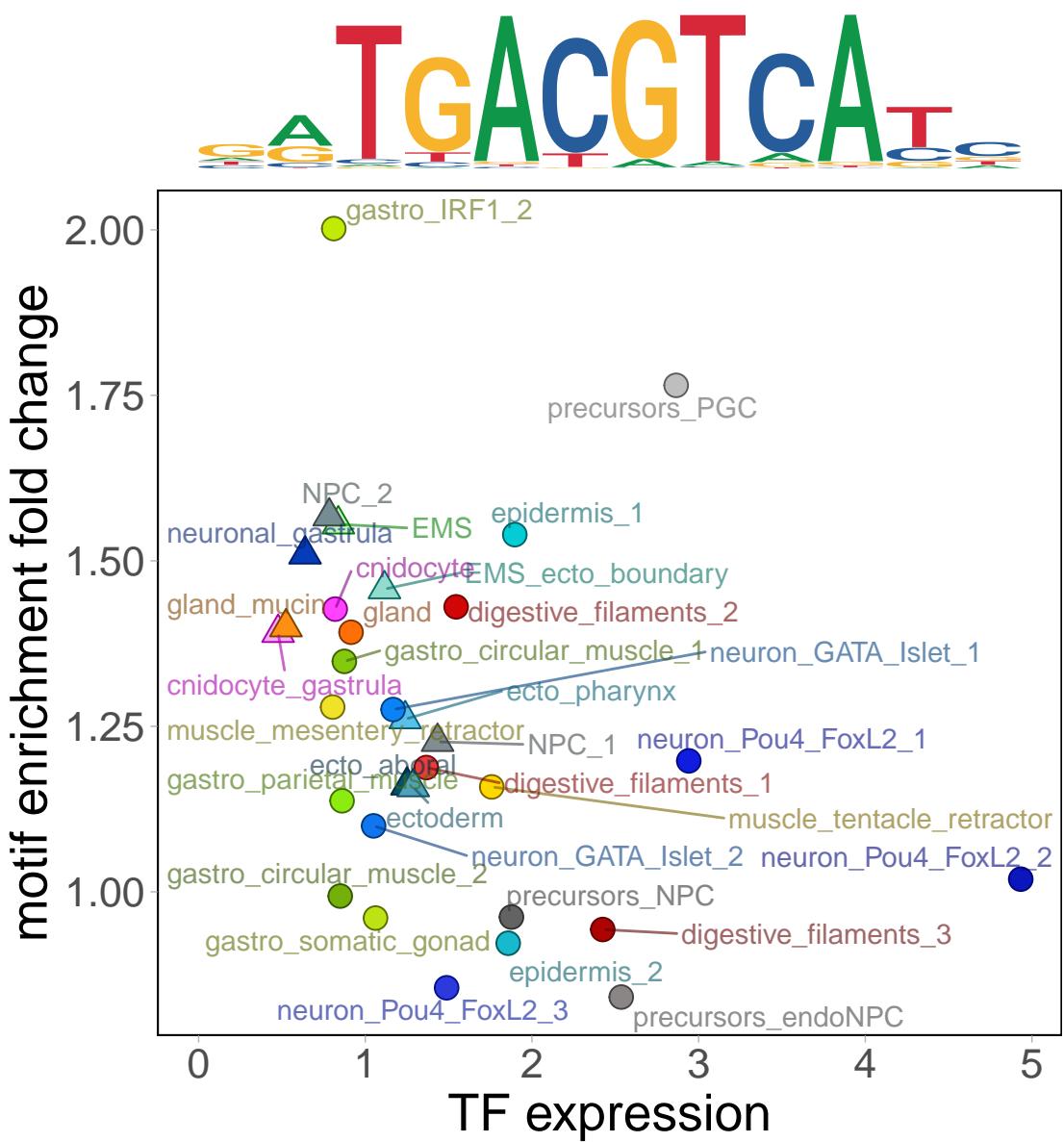
gene score correlation: 0.0202



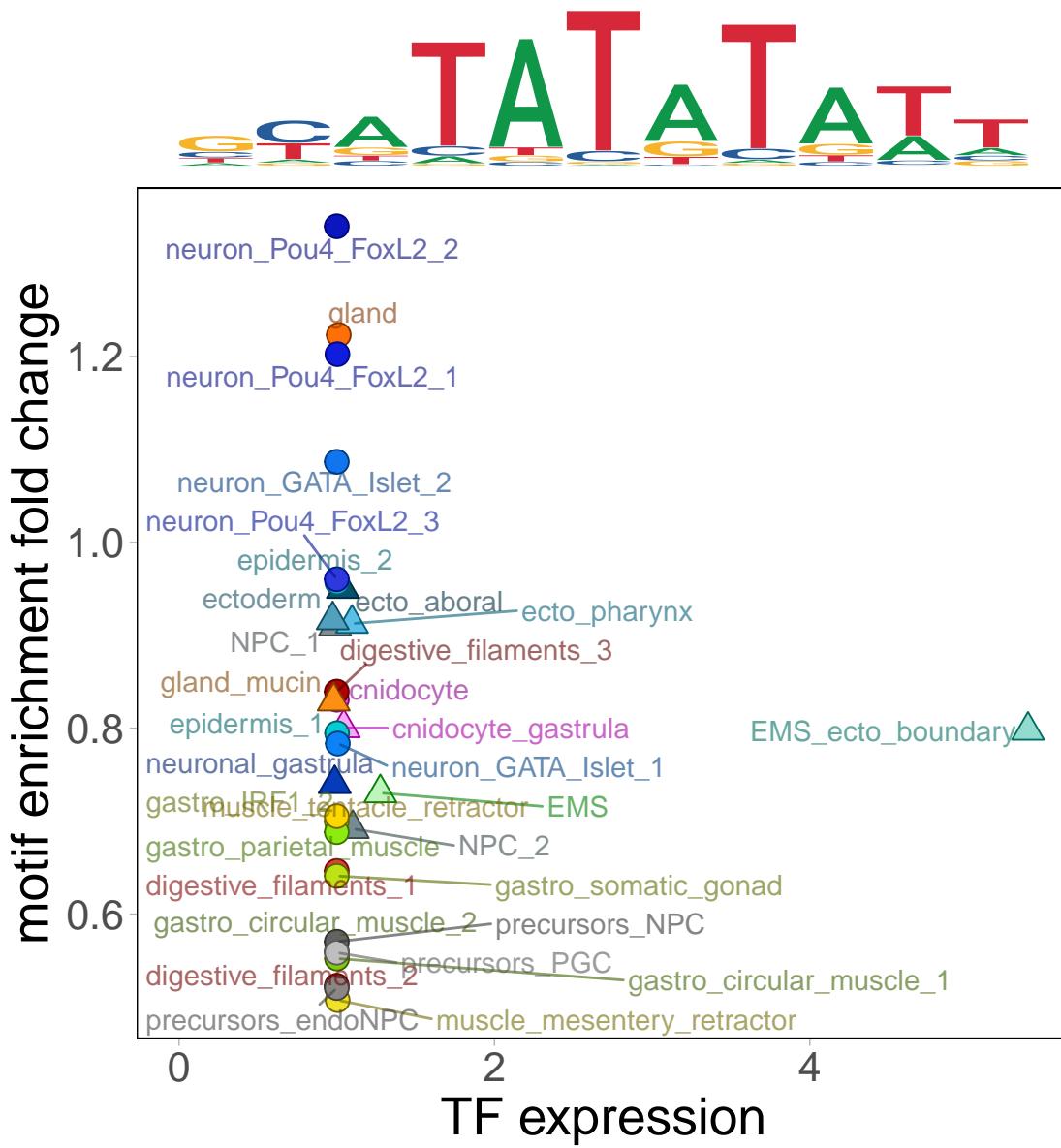
Nvec_vc1.1_XM_001618929.3
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH523_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.0973
gene score correlation: 0.0632



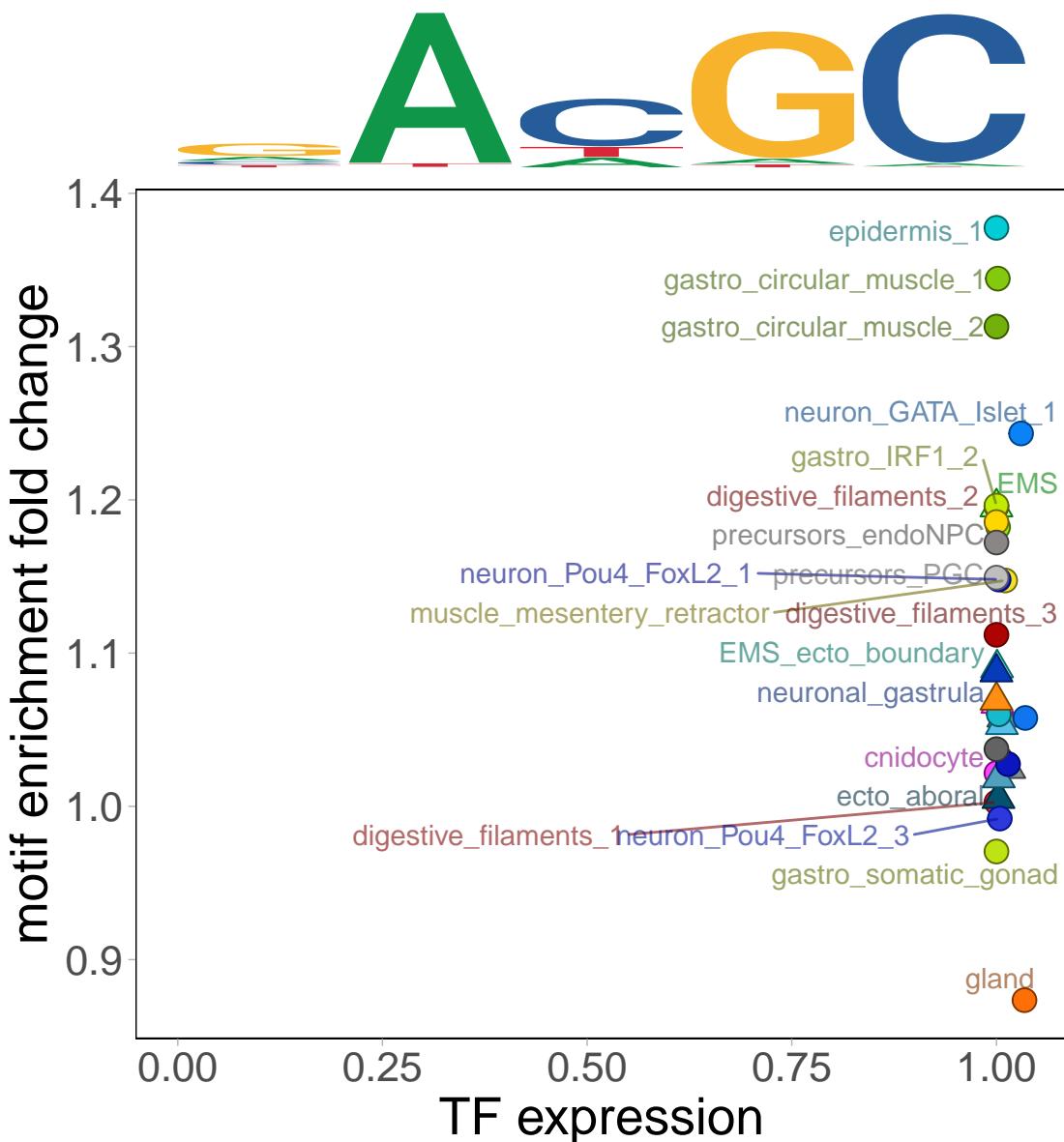
Nvec_vc1.1_XM_001623467.3
OG: bZIP.HG1.12:CREBZF
PFAM: bZIP_2
motif: ARCH1610_Atf3/Jdp2_Atf7/Gm2.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 110
gene expression correlation: -0.3078
gene score correlation: -0.0164



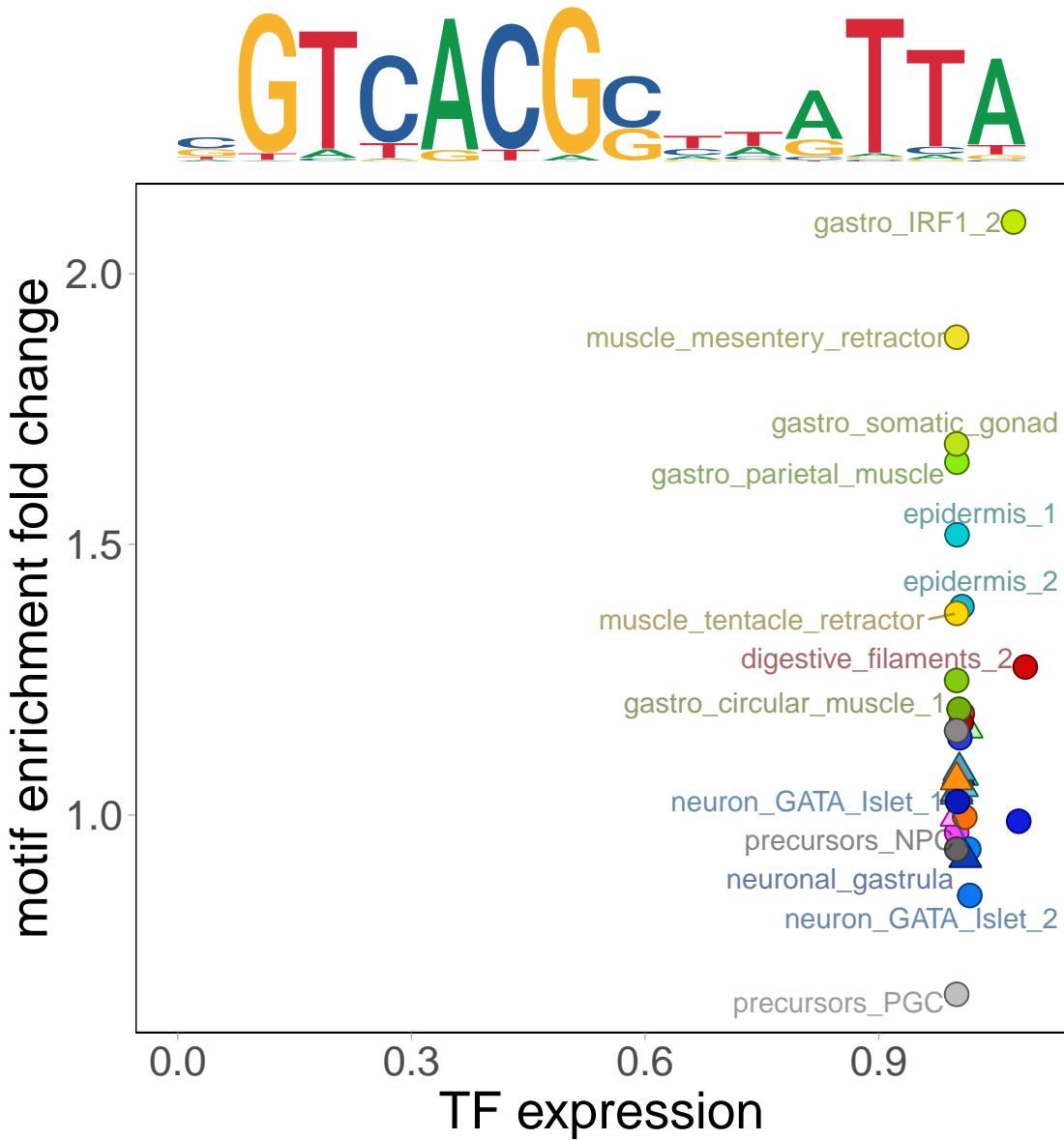
Nvec_vc1.1_XM_001623946.3
OG: Homeodomains.HG2.11:DUX4/DU
PFAM: Homeodomain
motif: ARCH18_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 4
gene expression correlation: -0.0005
gene score correlation: 0.2948



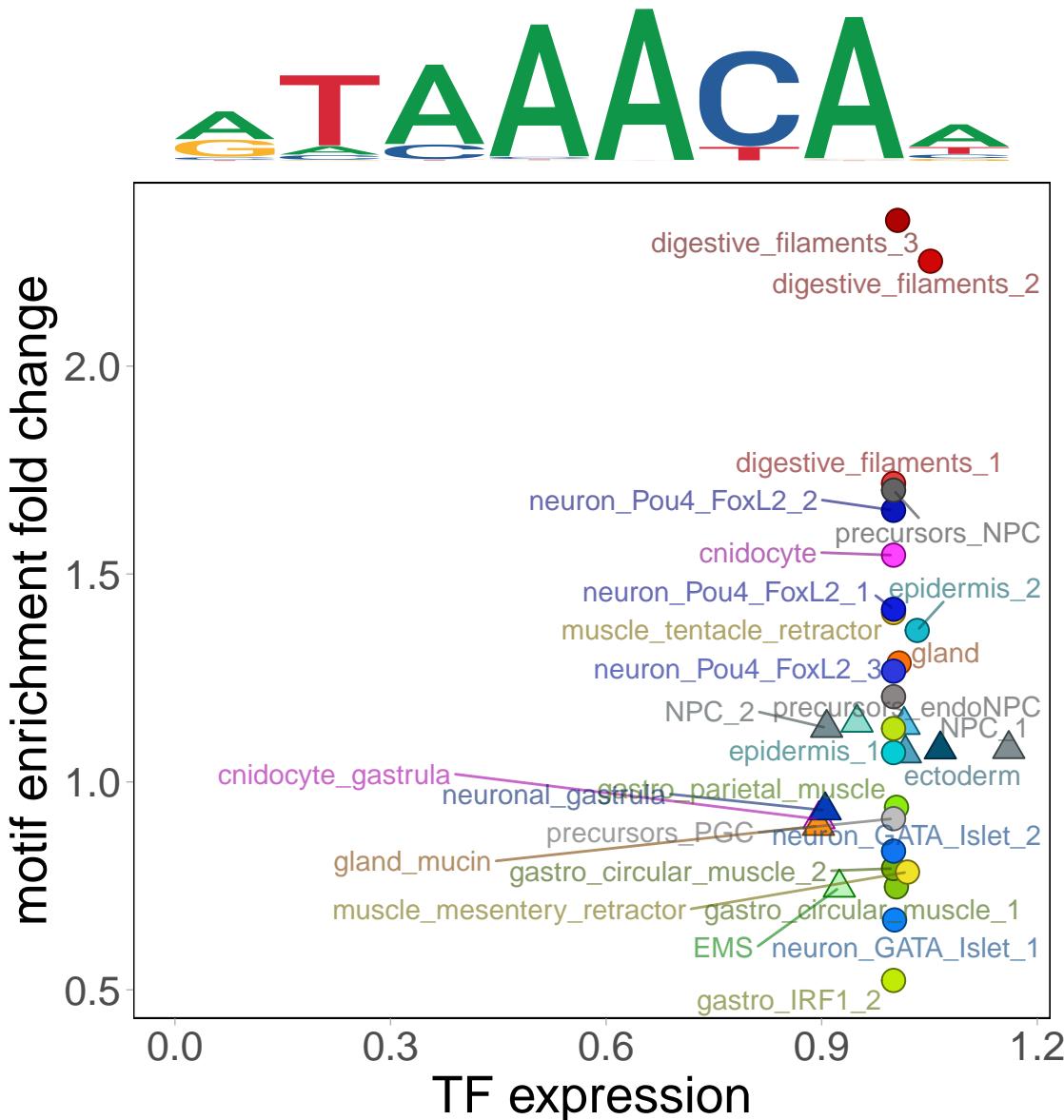
Nvec_vc1.1_XM_001624046.3
OG: Forkhead.HG1.33:like:FOXO1/FOX
PFAM: Forkhead
motif: ARCH954_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 12
gene expression correlation: -0.2654
gene score correlation: 0.3500



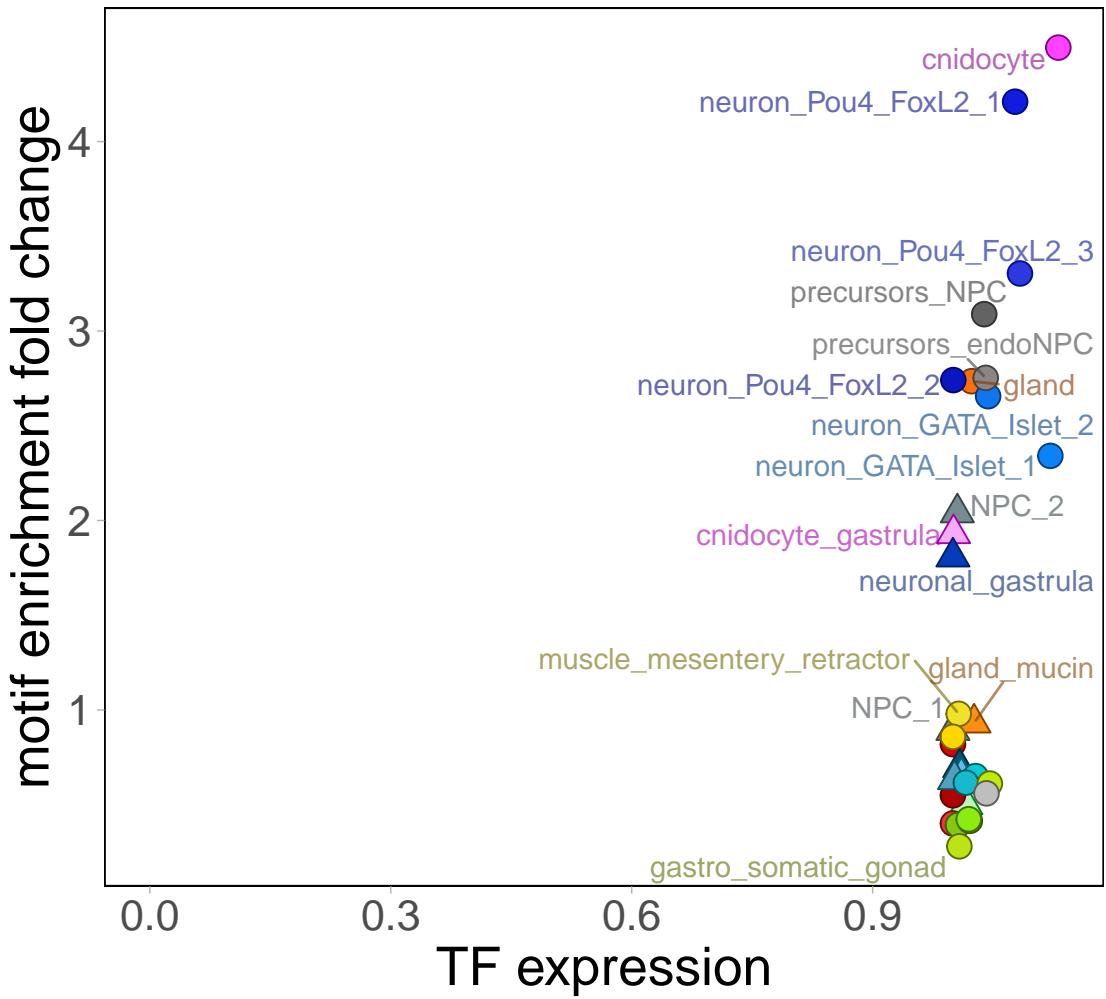
Nvec_vc1.1_XM_001624560.3
OG: Homeodomains.HG2.3:like:AC0252
PFAM: PAX/Homeodomain
motif: ARCH272_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 330
gene expression correlation: 0.2010
gene score correlation: -0.0767



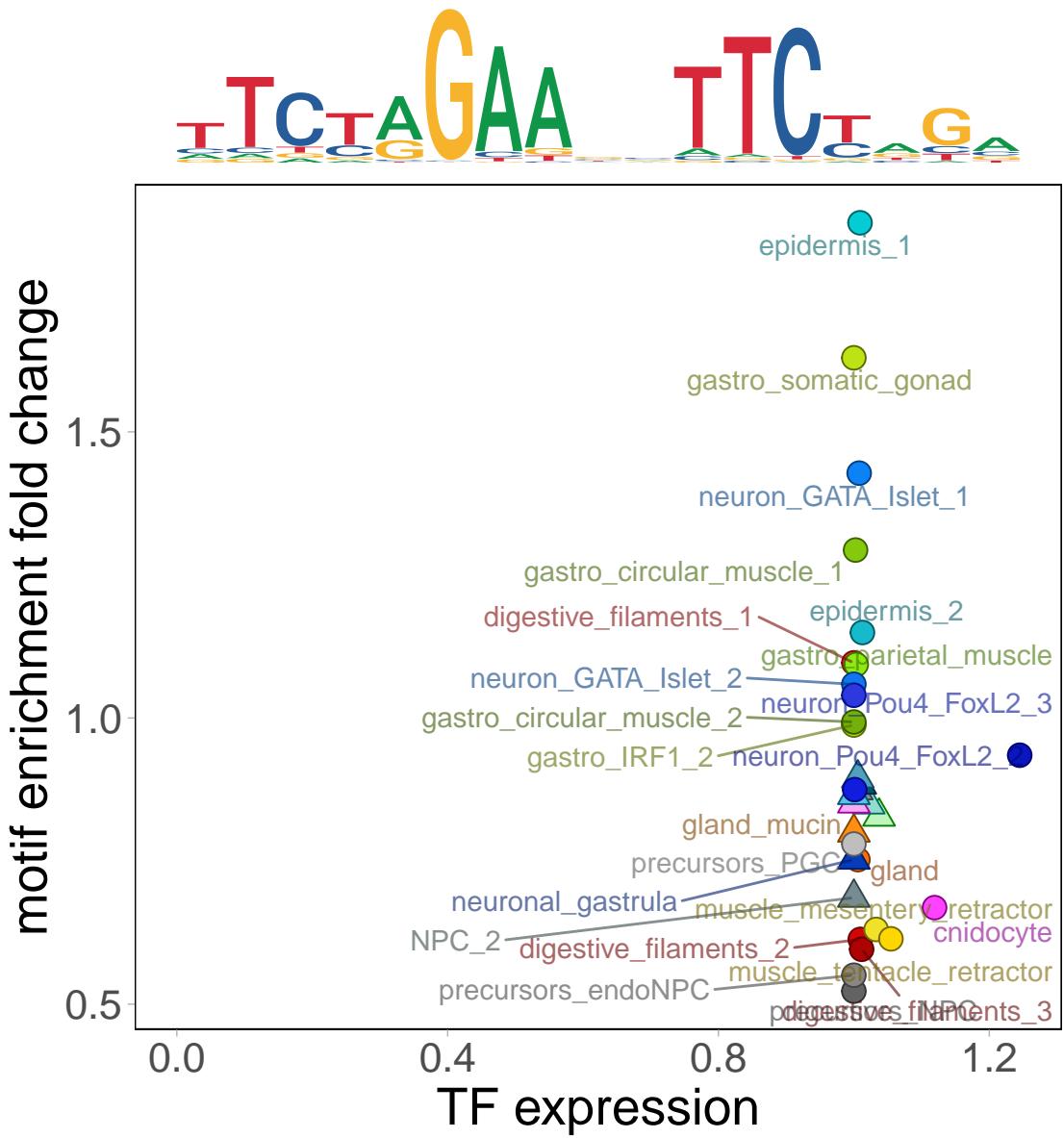
Nvec_vc1.1_XM_001624689.3
OG: Forkhead.HG1.26:FOXM1
PFAM: Forkhead
motif: ARCH968_Foxa3/Foxa1/Foxa2_F
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 12
gene expression correlation: 0.2278
gene score correlation: 0.1832



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: 0.6651
gene score correlation: -0.0348



Nvec_vc1.1_XM_001625118.3
OG: HSF.HG1.0:like:HSF1/HSF2/HSF4/
PFAM: HSF_DNA-bind
motif: ARCH729_Hsf1/Hsf2/Hsf4/Hsf3
TF family: HSF
archetype family: HSF
CisBP assigned: FALSE
rank: 951
gene expression correlation: -0.1101
gene score correlation: -0.0052



Nvec_vc1.1_XM_001625437.3

OG: Myb.HG2.3:NA

PFAM: MADF_DNA_bdg

motif: ARCH1526_Mybl2/Myb/Mybl1

TF family: Myb

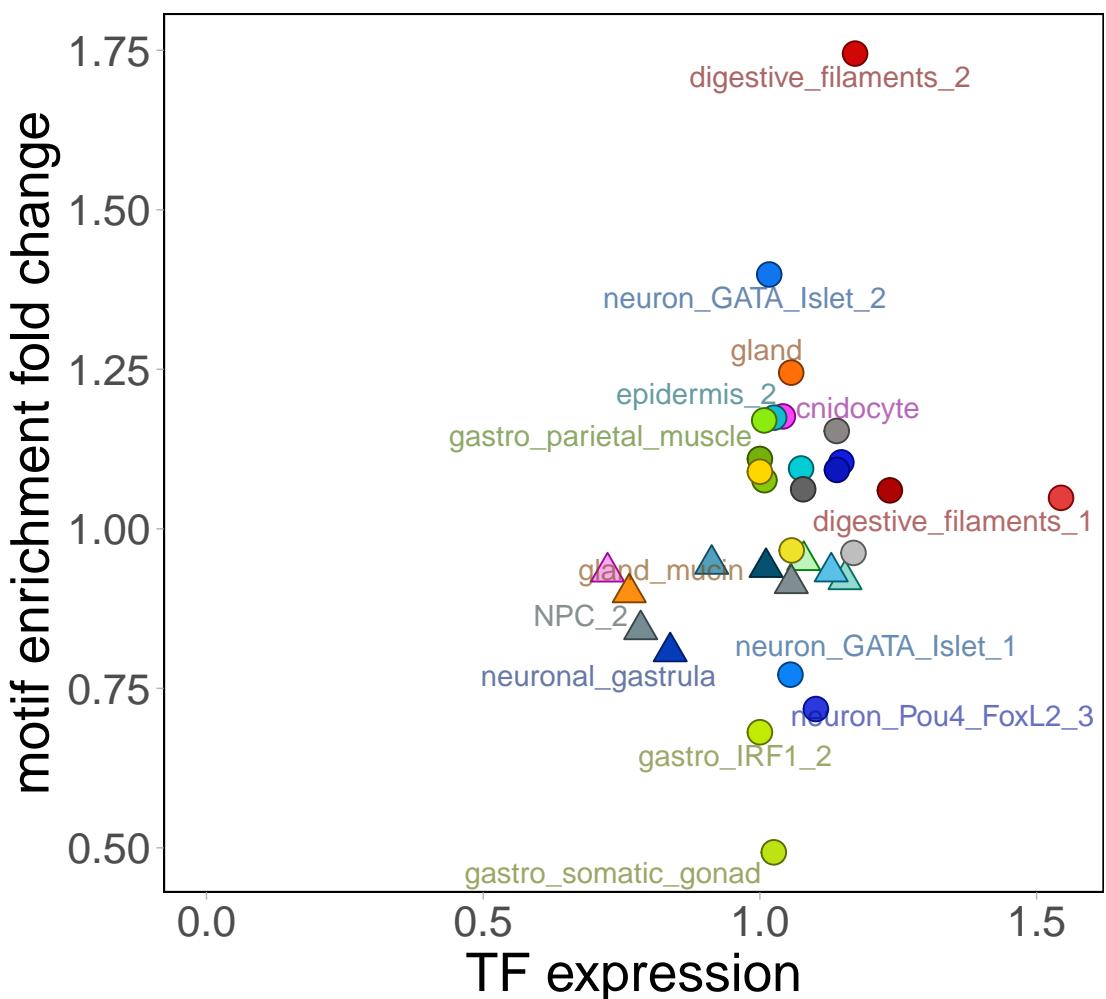
archetype family: Myb

CisBP assigned: FALSE

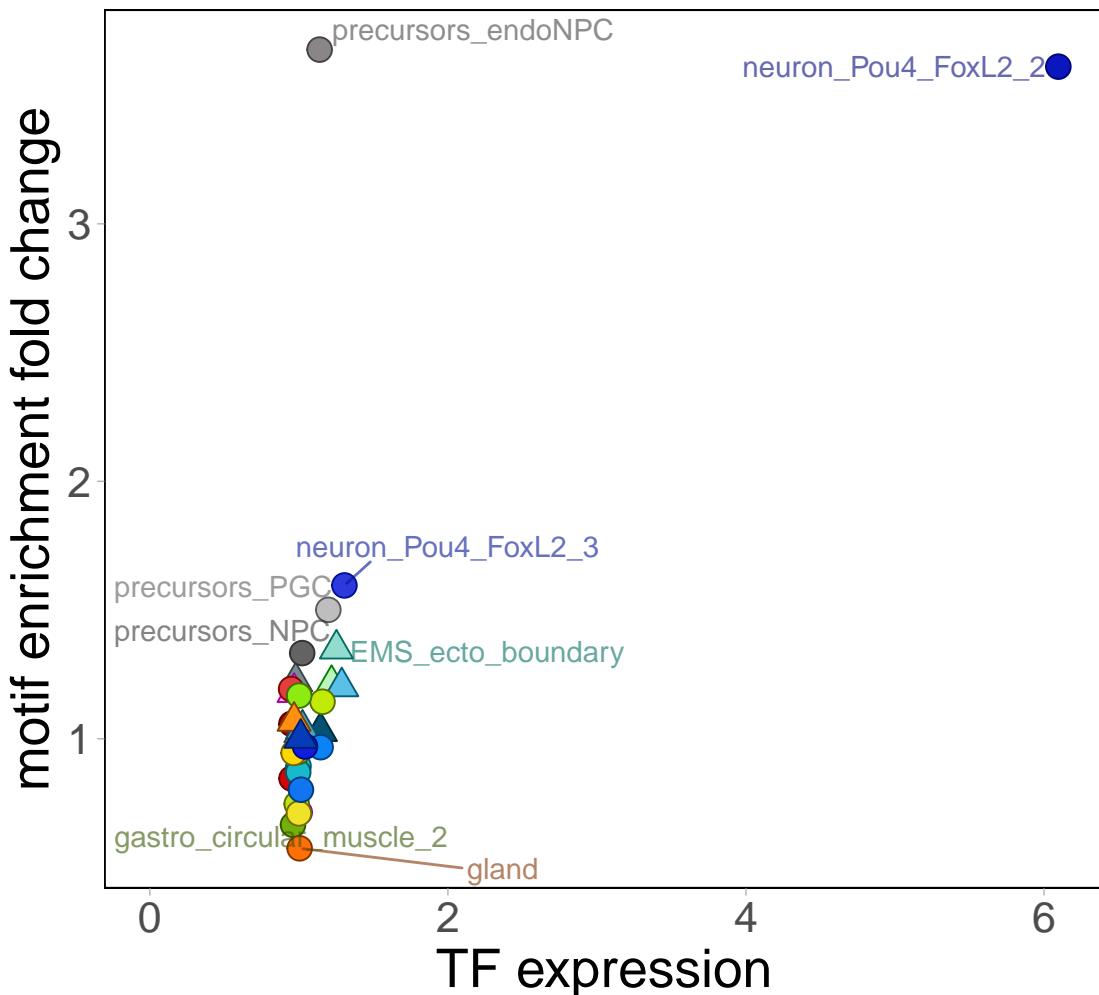
rank: 93

gene expression correlation: 0.2529

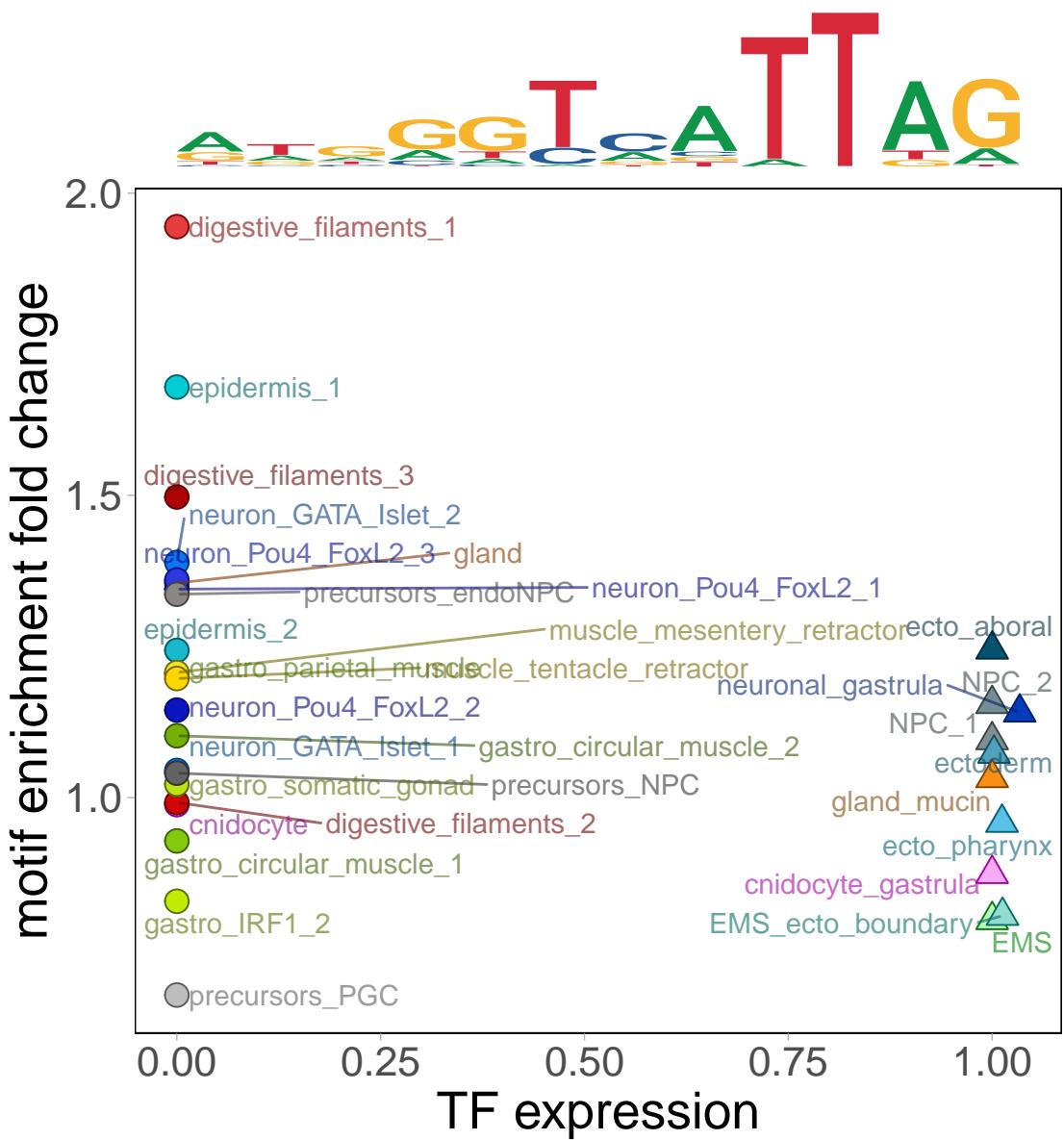
gene score correlation: 0.2109



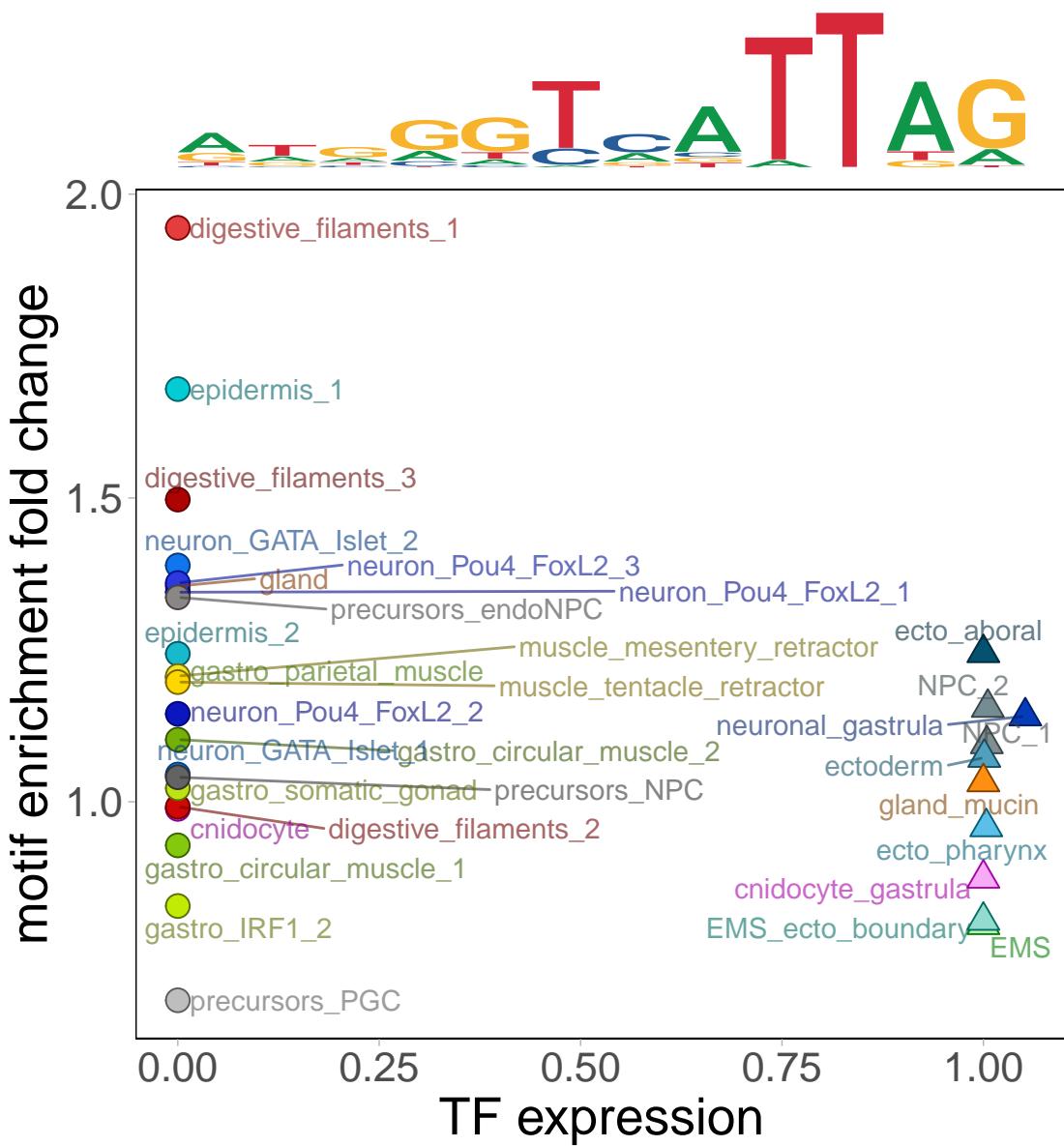
Nvec_vc1.1_XM_001625588.3
OG: Runt_Runx.HG1.0:RUNX1/RUNX2
PFAM: Runt
motif: ARCH1267_Runx3/Runx2/Runx1
TF family: Runt_Runx
archetype family: Runt_Runx
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.6760
gene score correlation: 0.7947



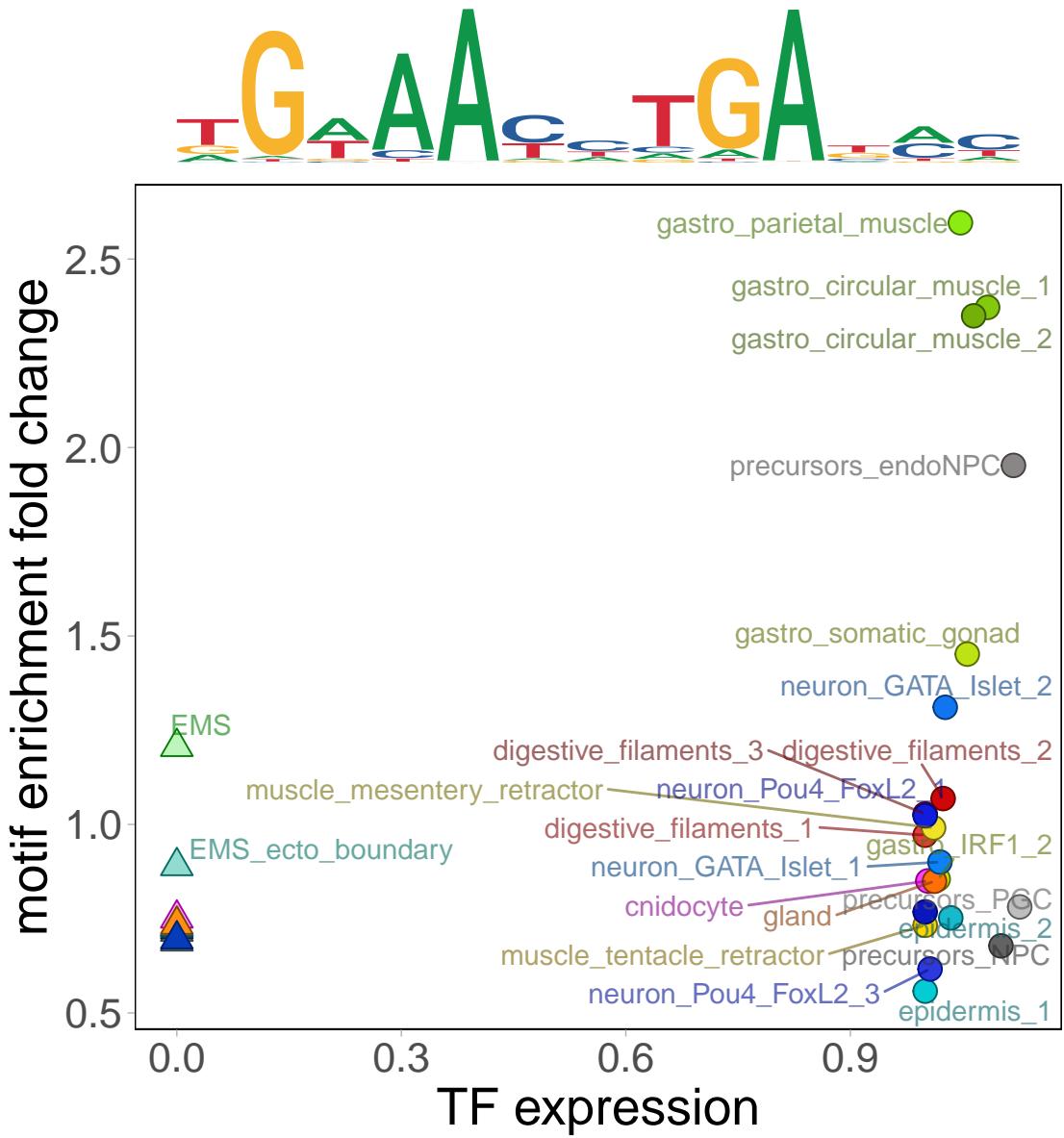
Nvec_vc1.1_XM_001625754.3
OG: Homeodomains.HG2.6:like:AC0252
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 56
gene expression correlation: -0.3379
gene score correlation: -0.3350



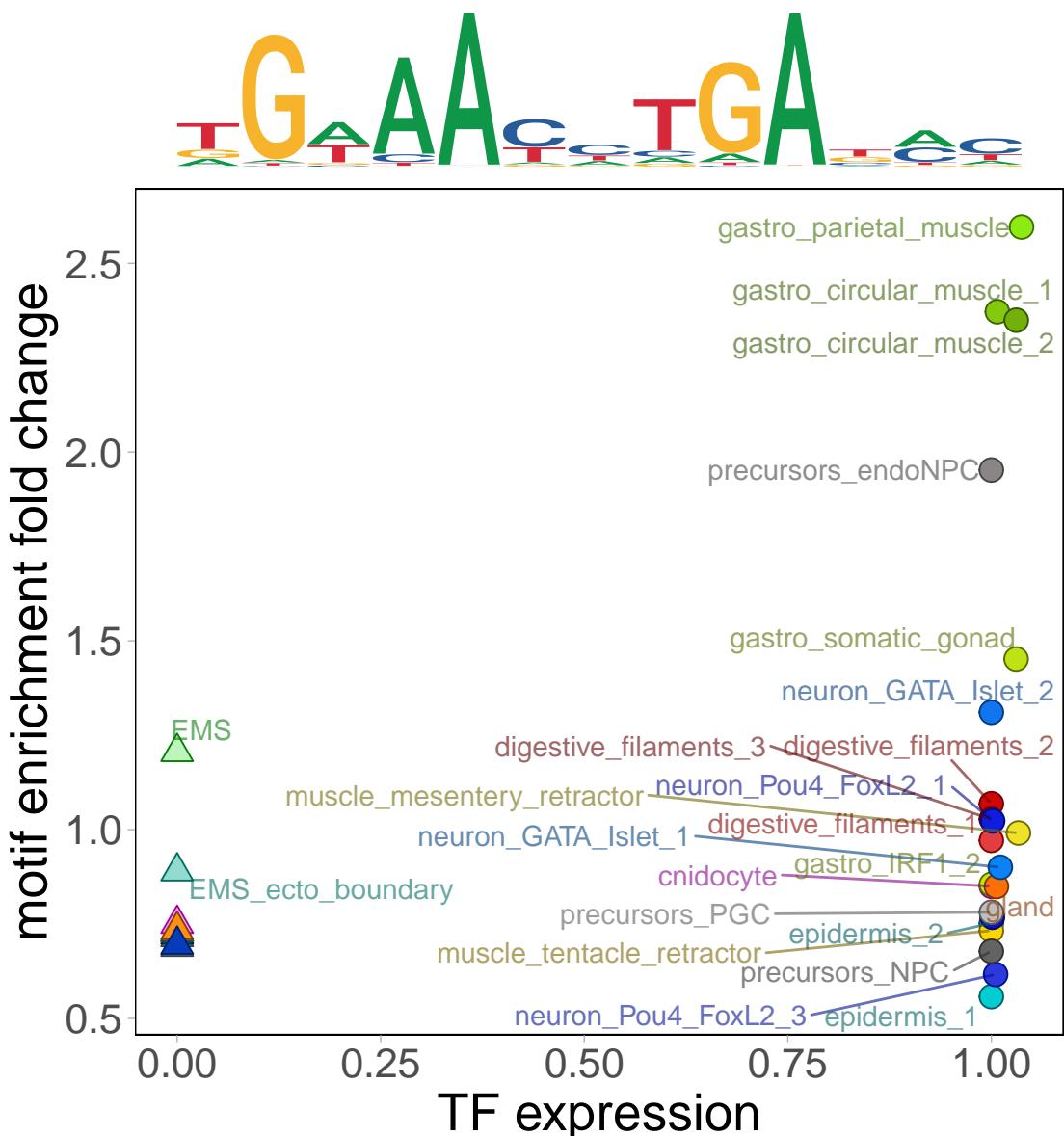
Nvec_vc1.1_XM_001625768.3
OG: Homeodomains.HG1.5:like:AC0040
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 53
gene expression correlation: -0.3362
gene score correlation: -0.3267



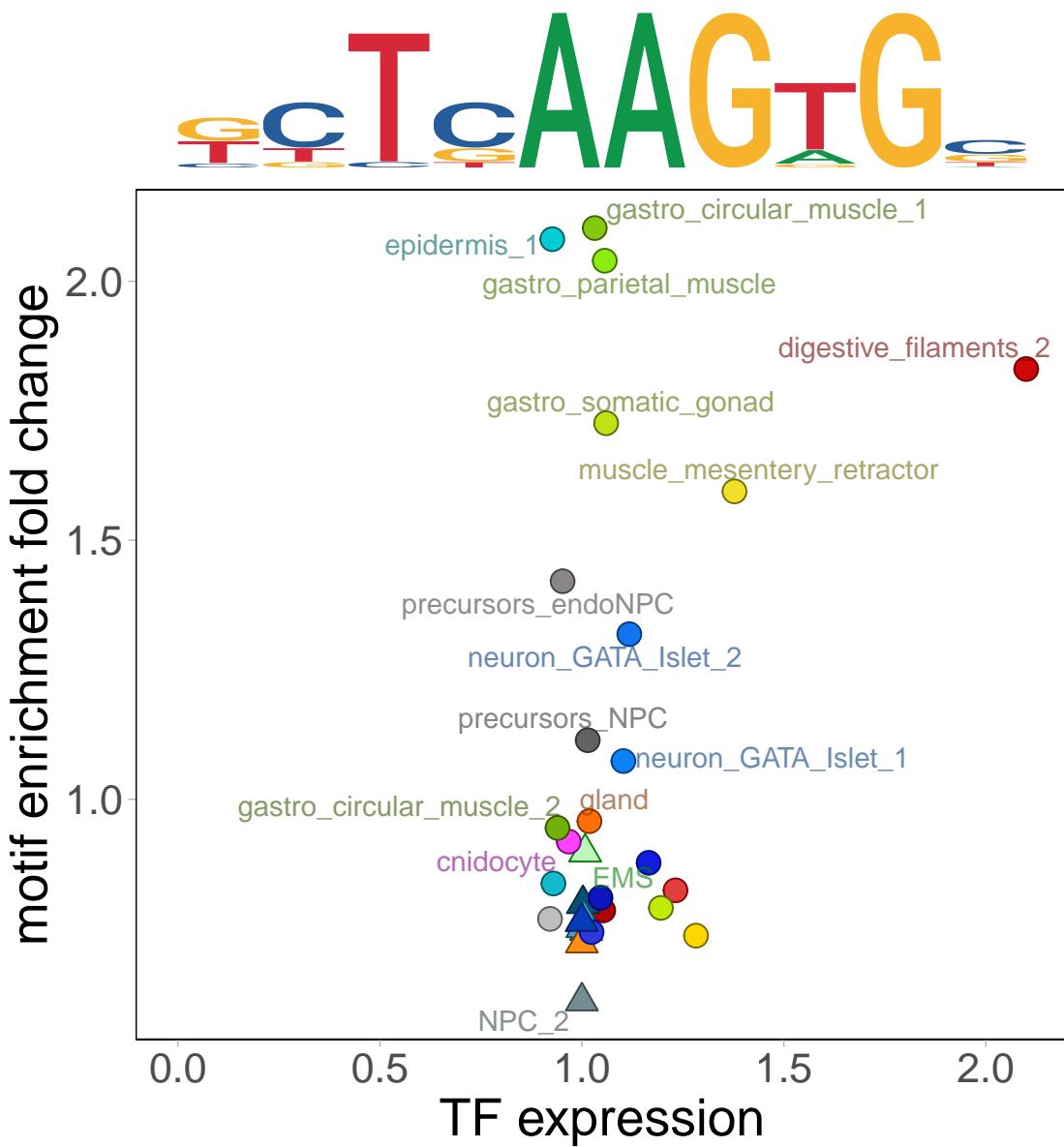
Nvec_vc1.1_XM_001625898.3
OG: Homeodomains.HG1.62:like:MEOX
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3545
gene score correlation: 0.7657



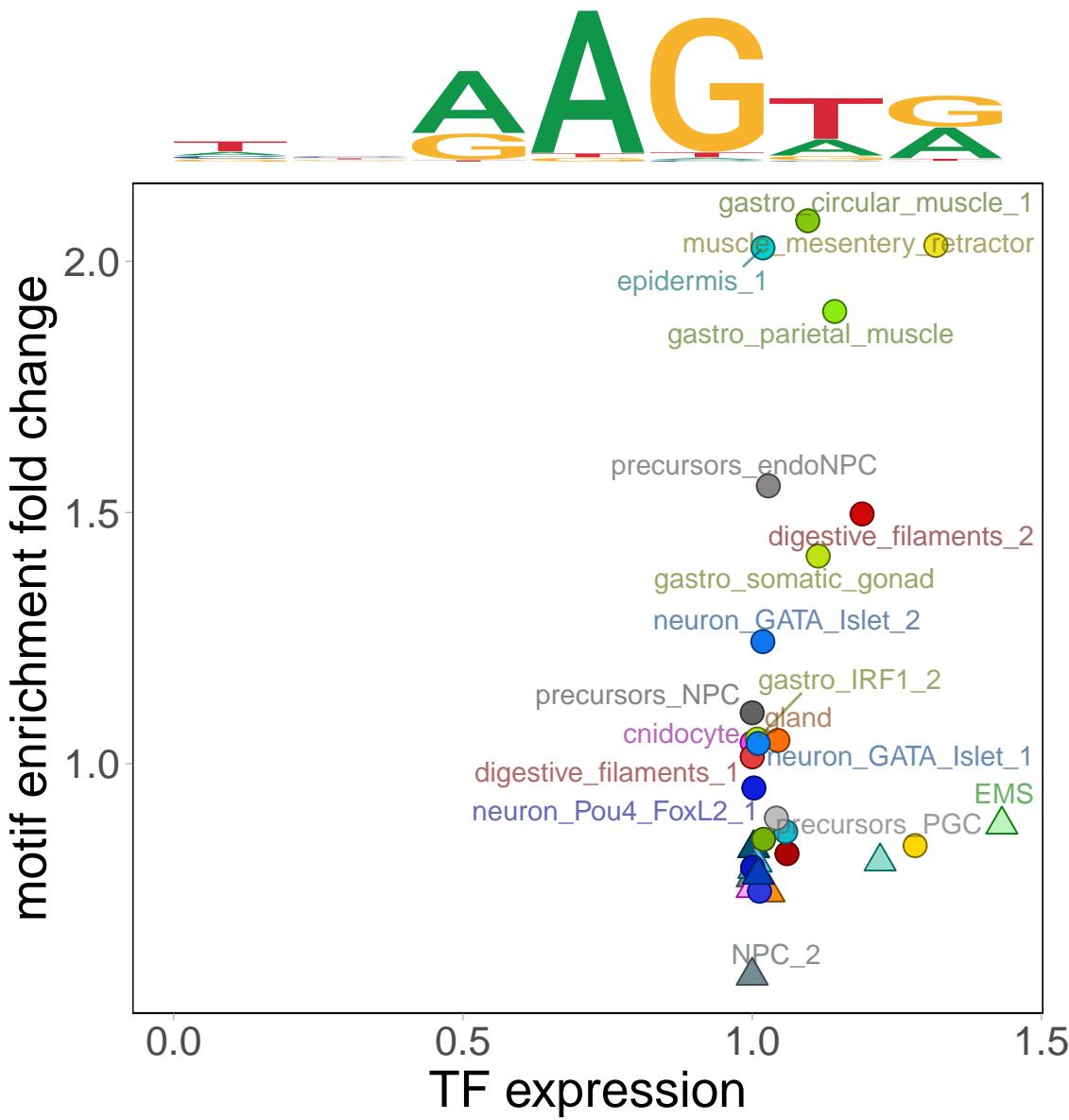
Nvec_vc1.1_XM_001625899.3
OG: Homeodomains.HG1.65:like:MEOX
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3389
gene score correlation: 0.8132



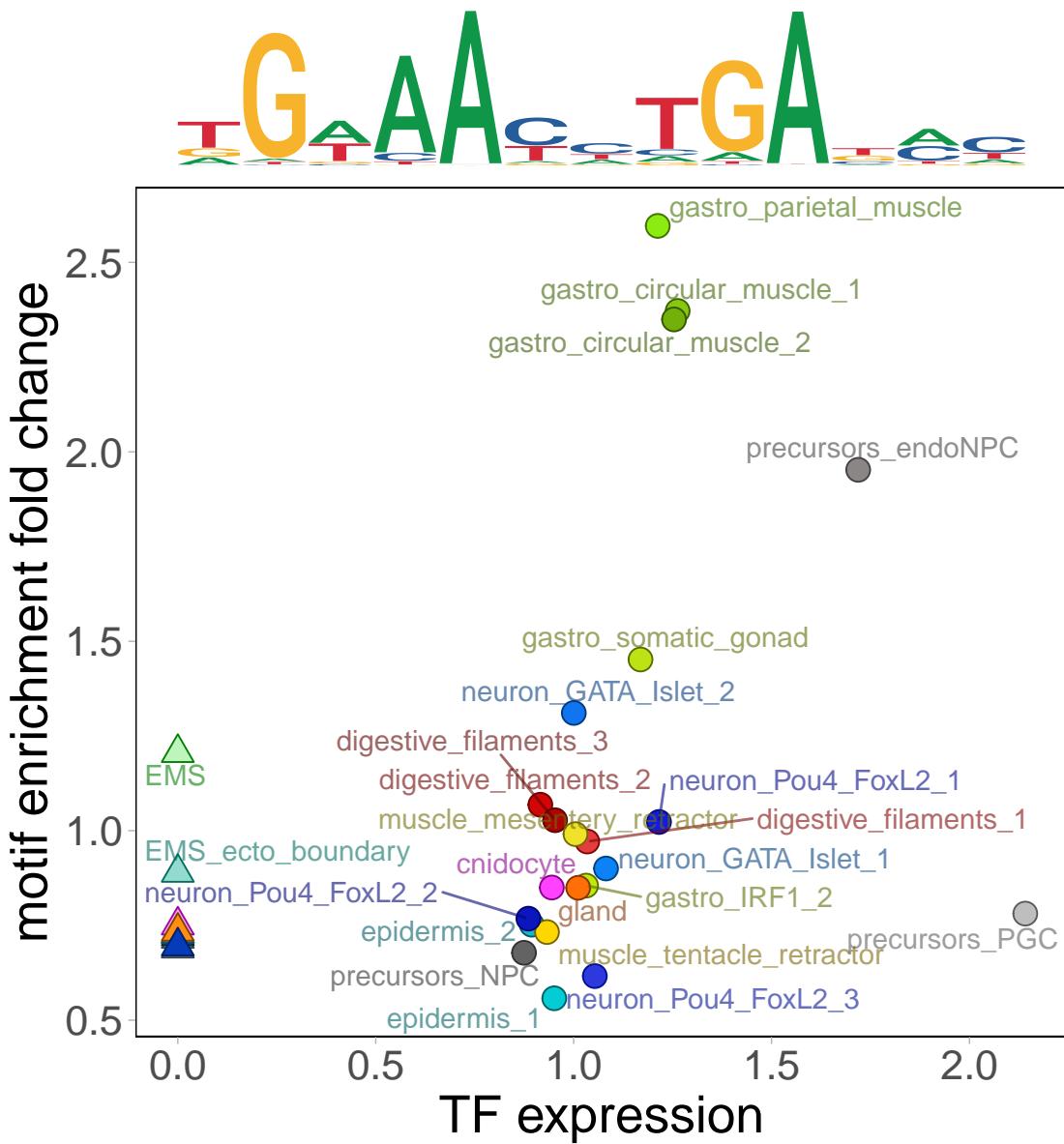
Nvec_vc1.1_XM_001625997.3
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: ARCH1521_Nkx2-2/Nkx2-9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.3025
gene score correlation: 0.6664



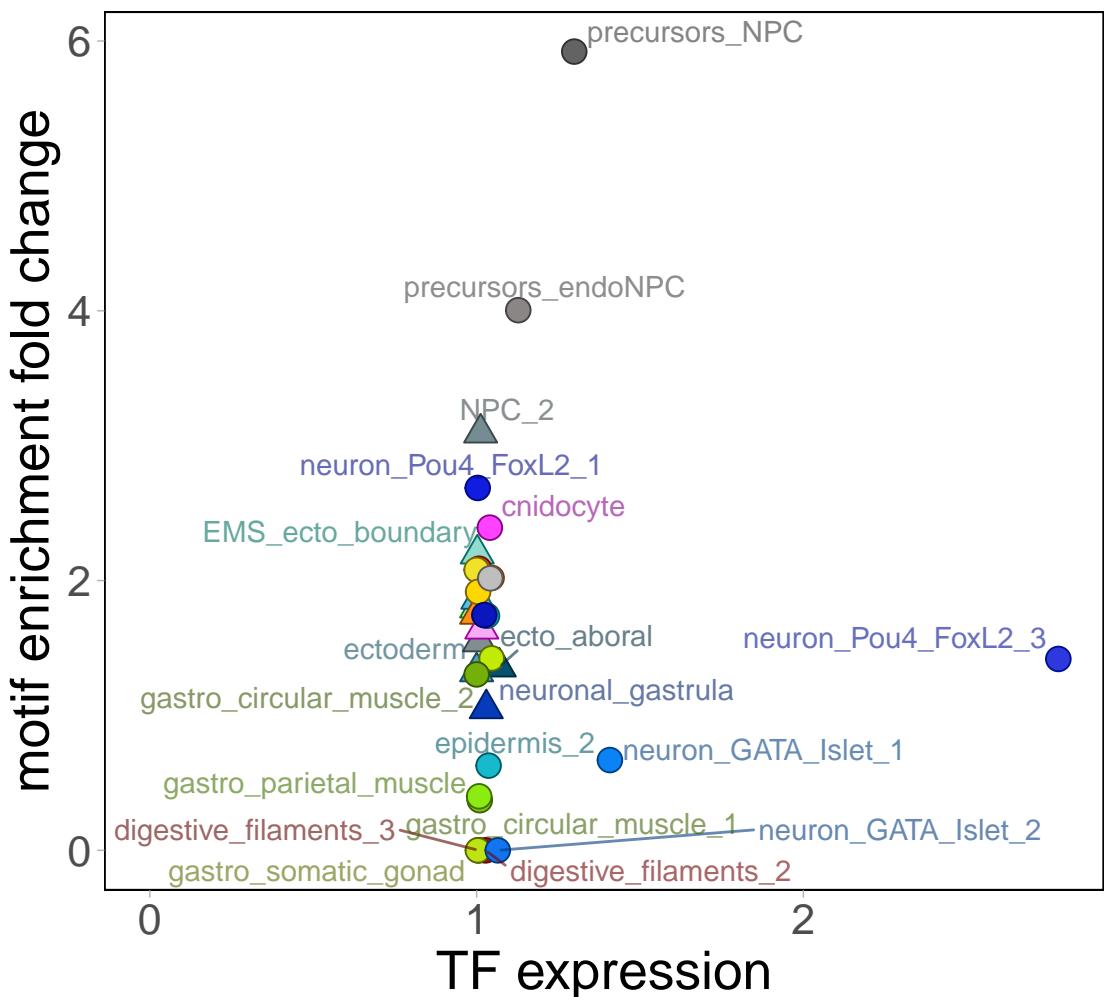
Nvec_vc1.1_XM_001625998.3
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: ARCH167_Nanog
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2762
gene score correlation: 0.6458



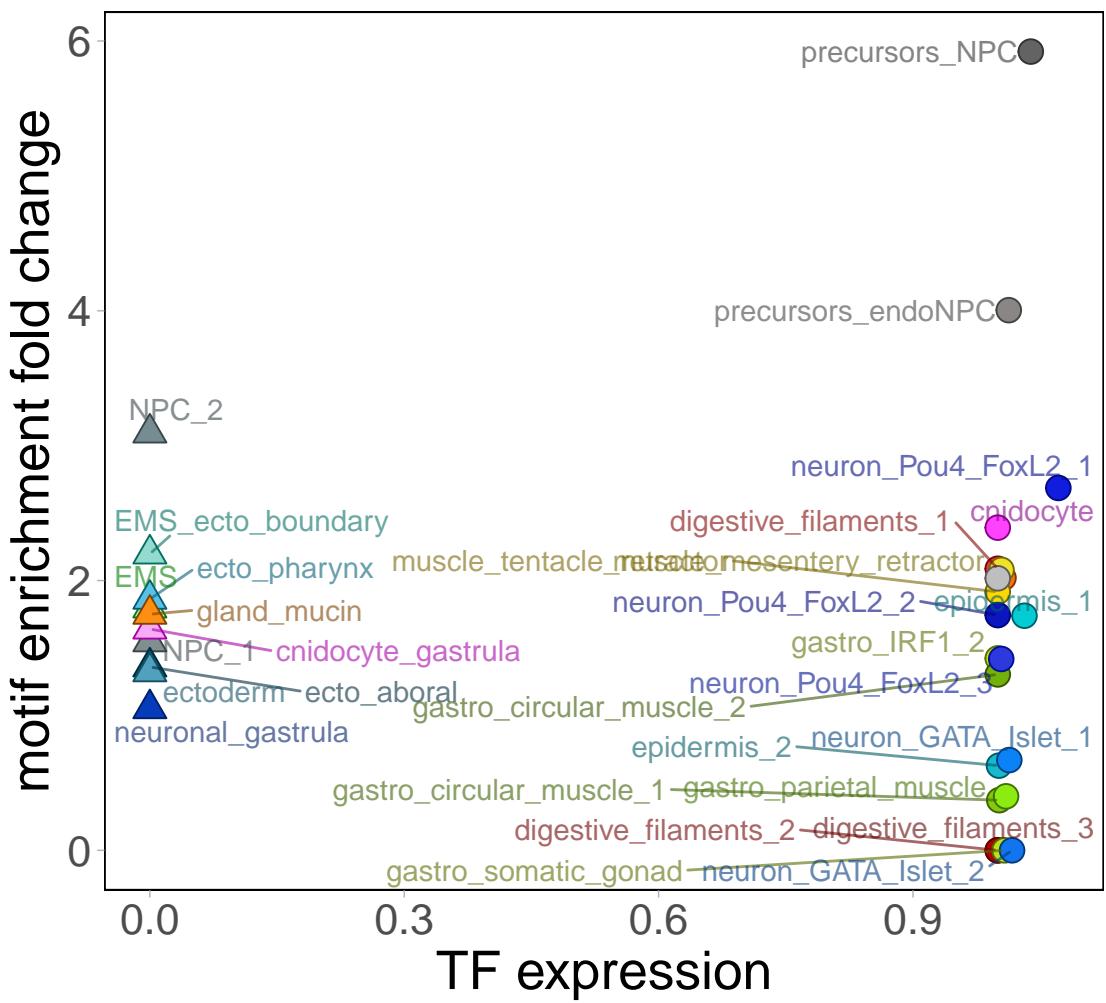
Nvec_vc1.1_XM_001626384.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4275
gene score correlation: 0.9073



Nvec_vc1.1_XM_001626717.3
OG: T-box.HG1.4:like:EOMES/TBR1/T
PFAM: T-box
motif: ARCH834_Tbx10/Tbx1
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 144
gene expression correlation: 0.0516
gene score correlation: 0.5424



Nvec_vc1.1_XM_001626820.3
OG: T-box.HG1.2:like:MGA/TBX1/TBX2
PFAM: T-box
motif: ARCH834_Tbx10/Tbx1
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 53
gene expression correlation: -0.0573
gene score correlation: 0.3067



Nvec_vc1.1_XM_001627049.3

OG: HLH.HG1.19:HELT

PFAM: HLH/Hairy_orange

motif: ARCH664_bHLH157

TF family: HLH

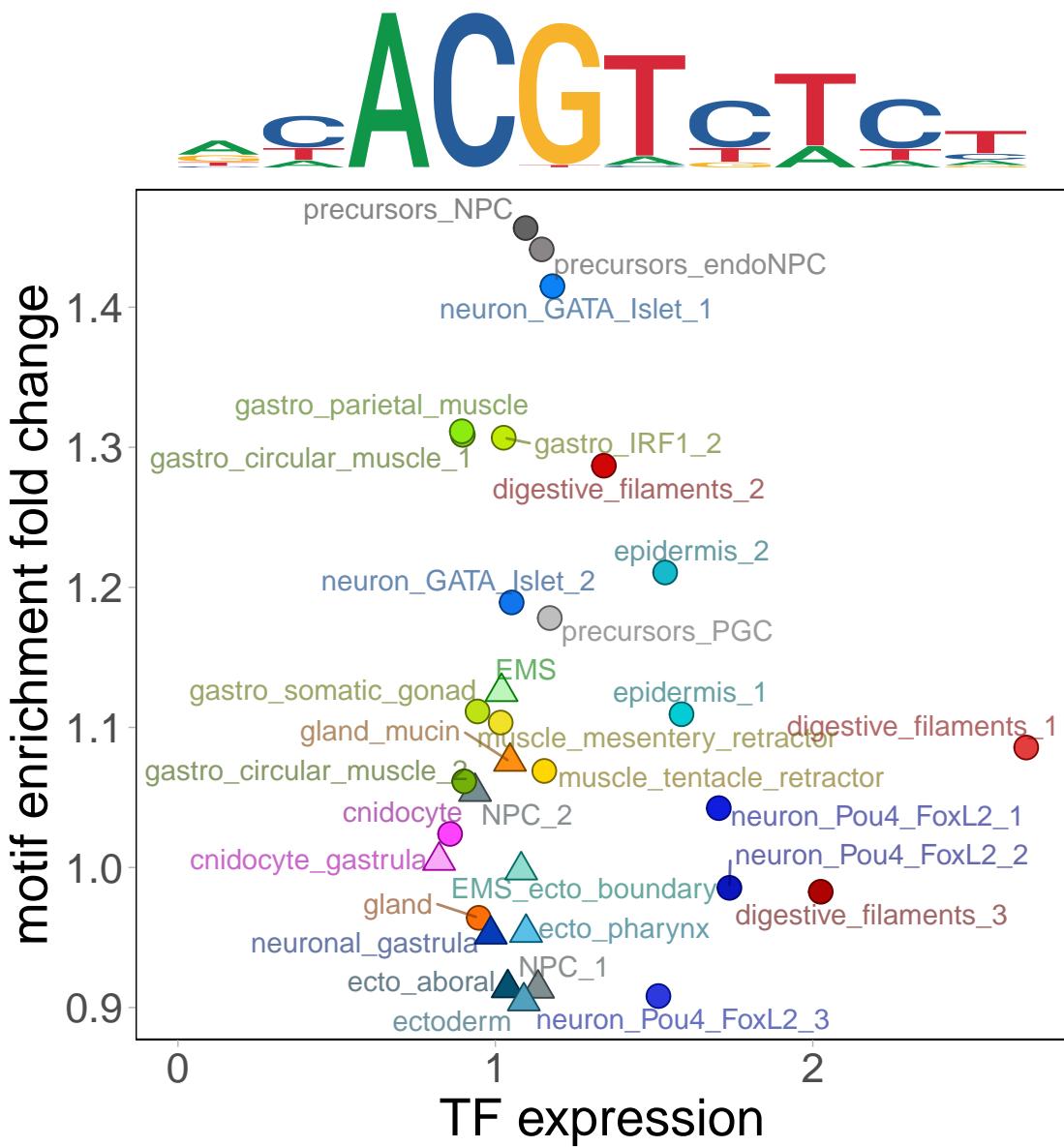
archetype family: HLH

CisBP assigned: FALSE

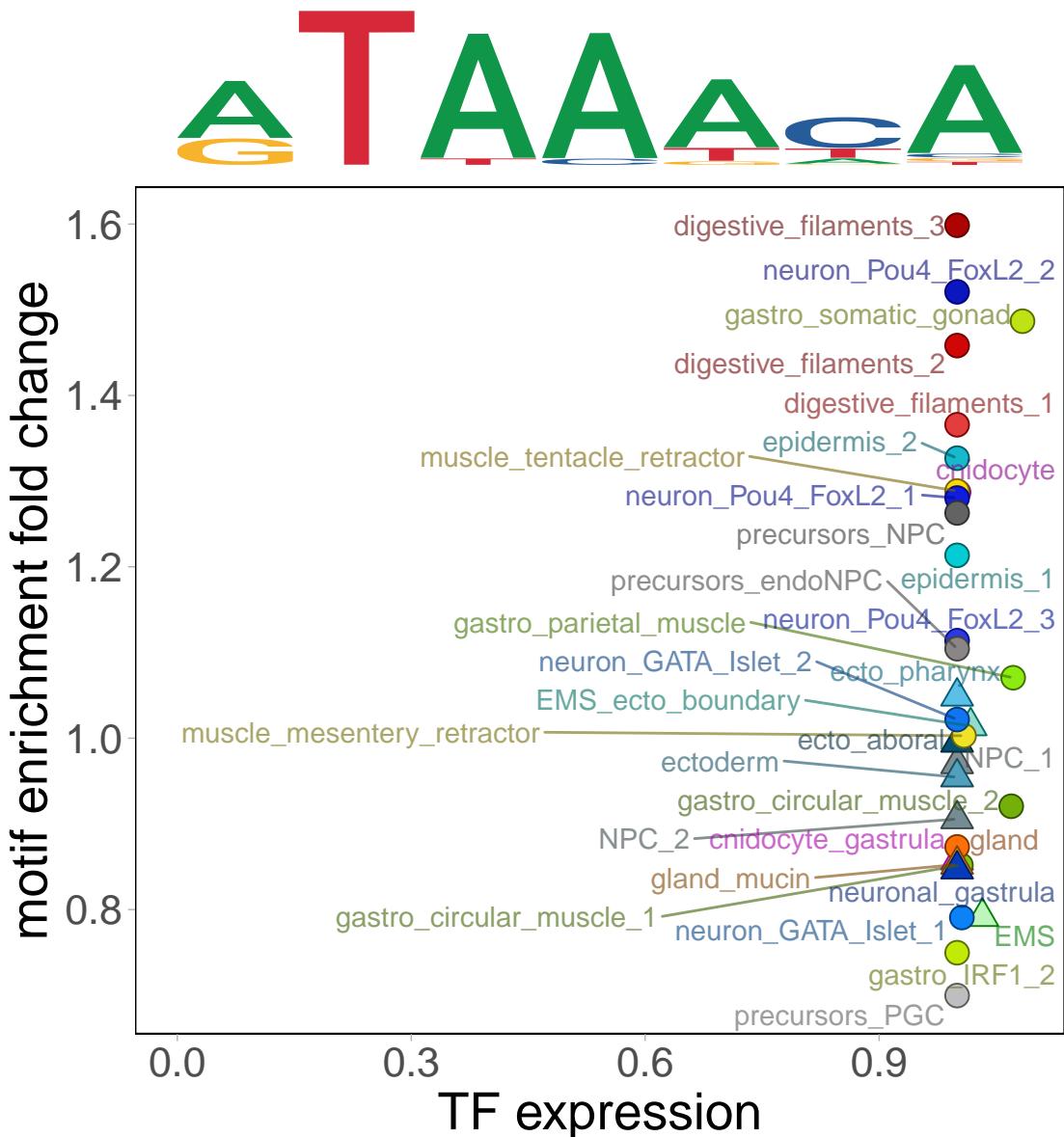
rank: 102

gene expression correlation: -0.1049

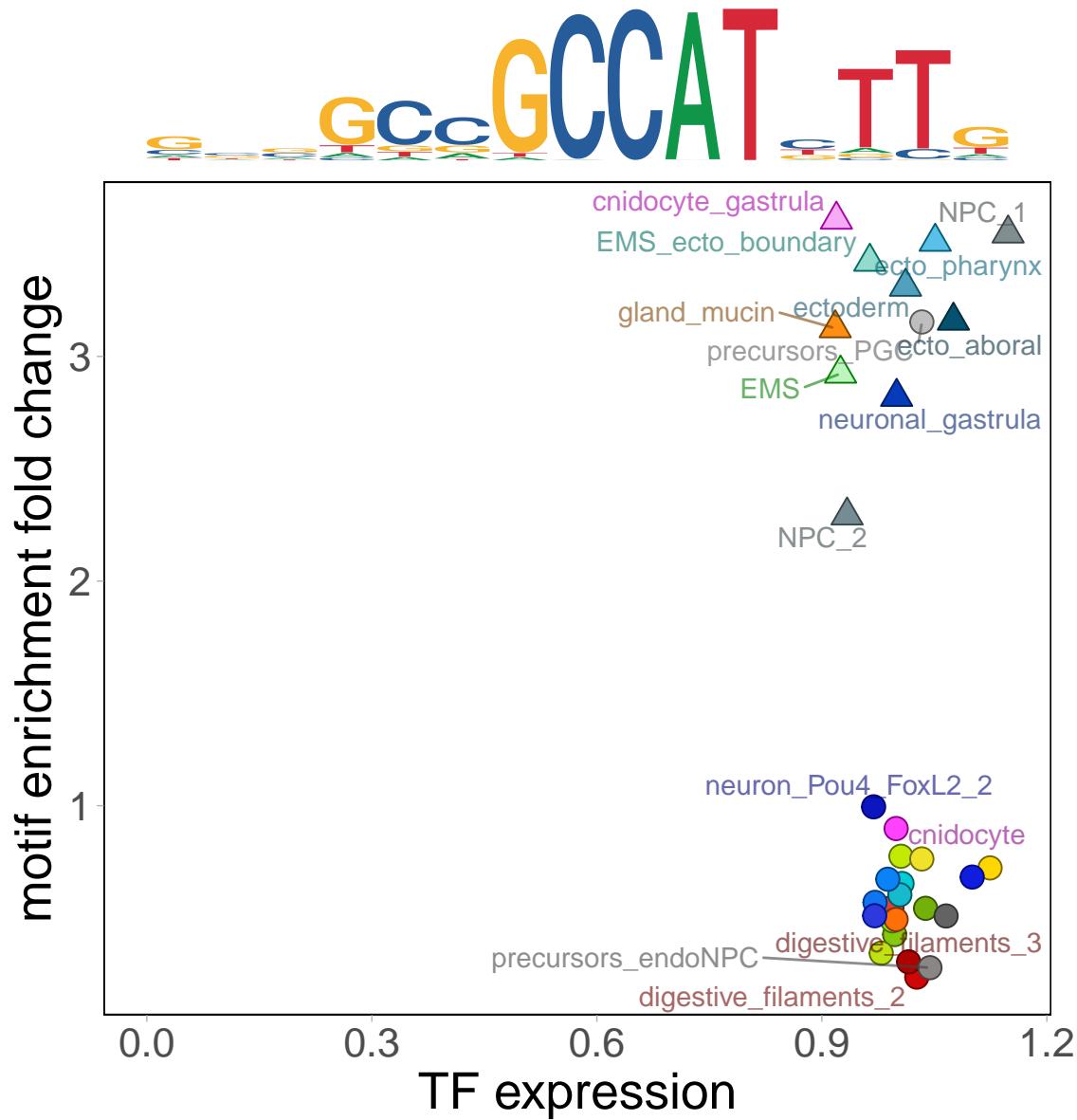
gene score correlation: -0.1593



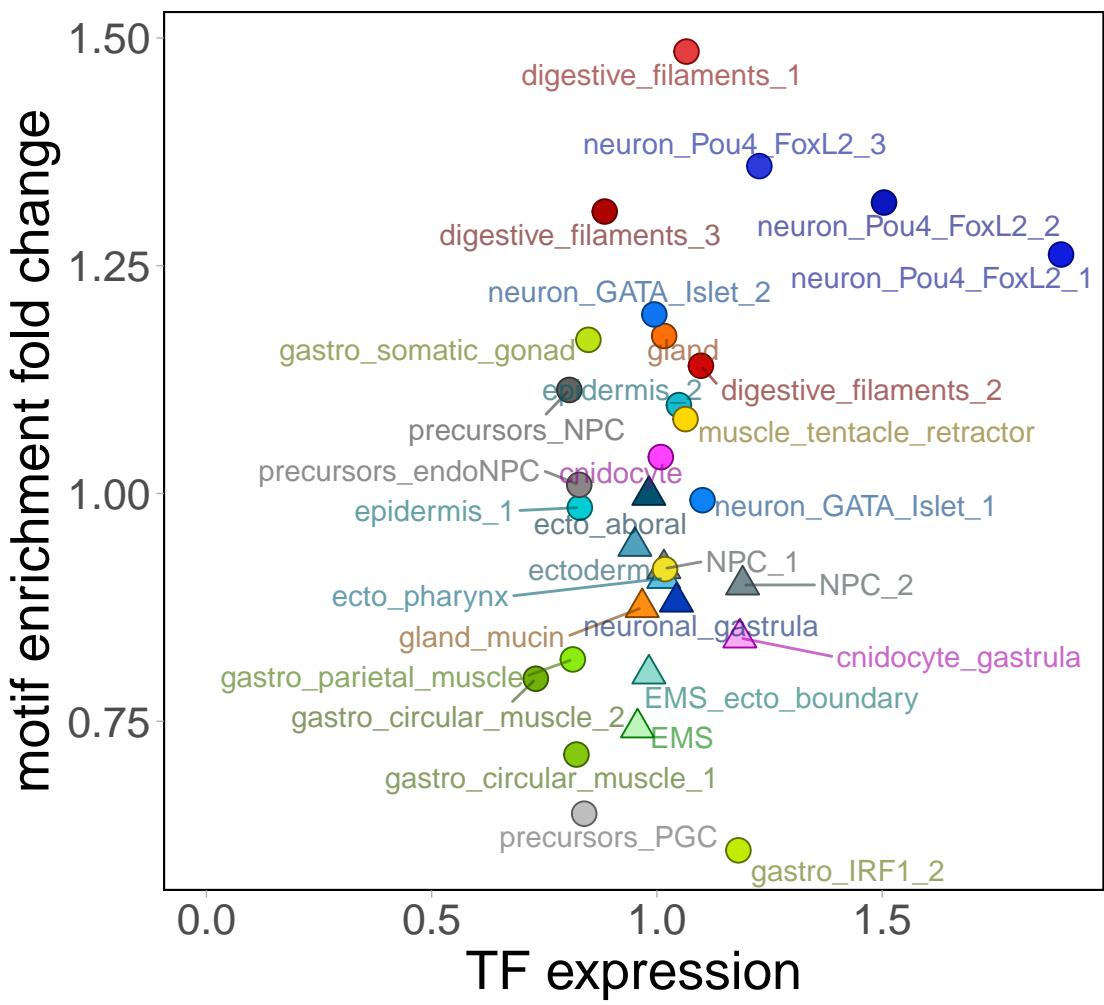
Nvec_vc1.1_XM_001627072.3
OG: Forkhead.HG1.17:like:FOXI1/FOXI1
PFAM: Forkhead
motif: ARCH1016_Foxa3/Foxa1/Foxa2_1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 486
gene expression correlation: 0.0524
gene score correlation: -0.0451



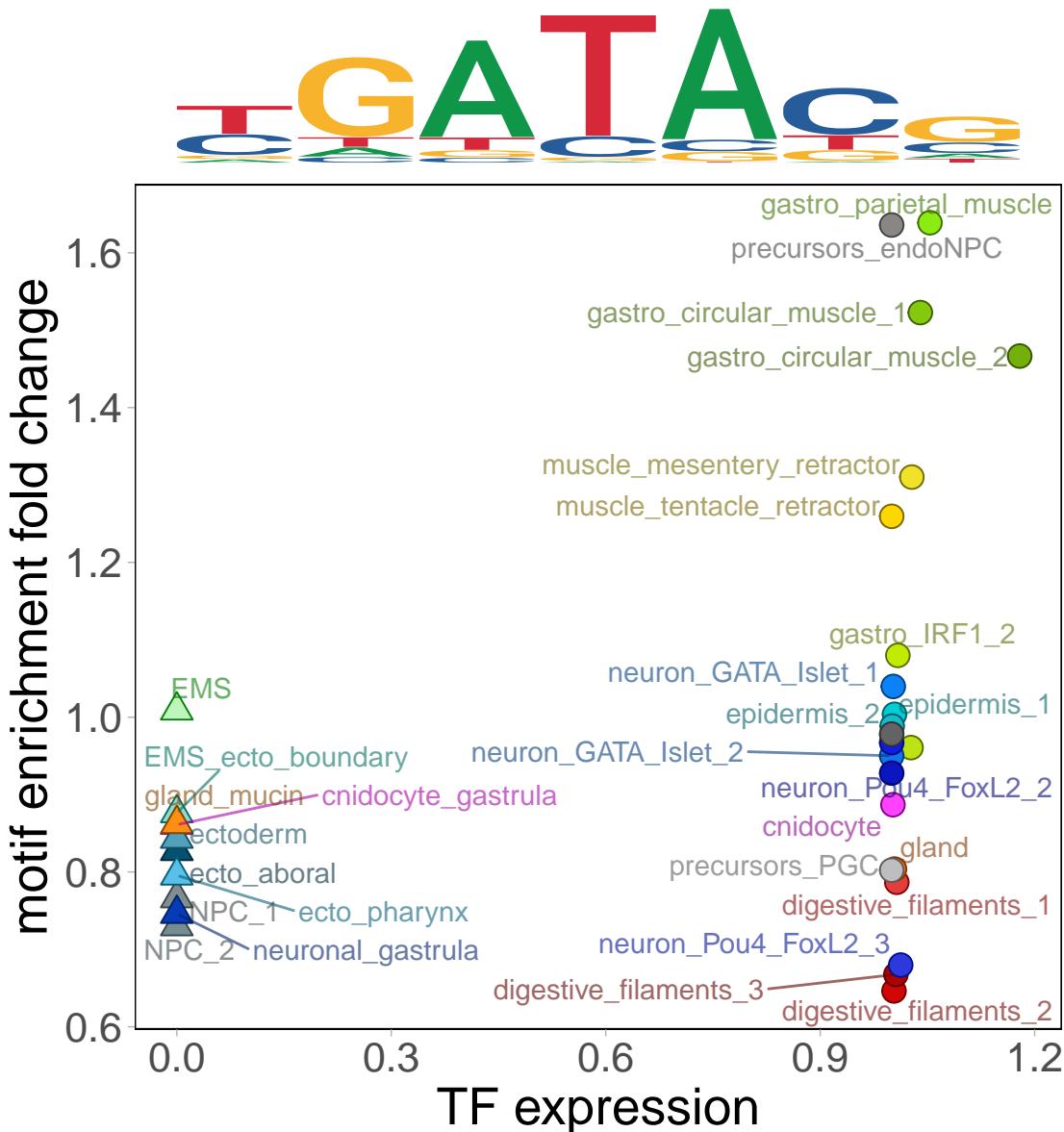
Nvec_vc1.1_XM_001627361.3
OG: zf-C2H2.HG74.0:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH419_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: -0.0995
gene score correlation: 0.0971



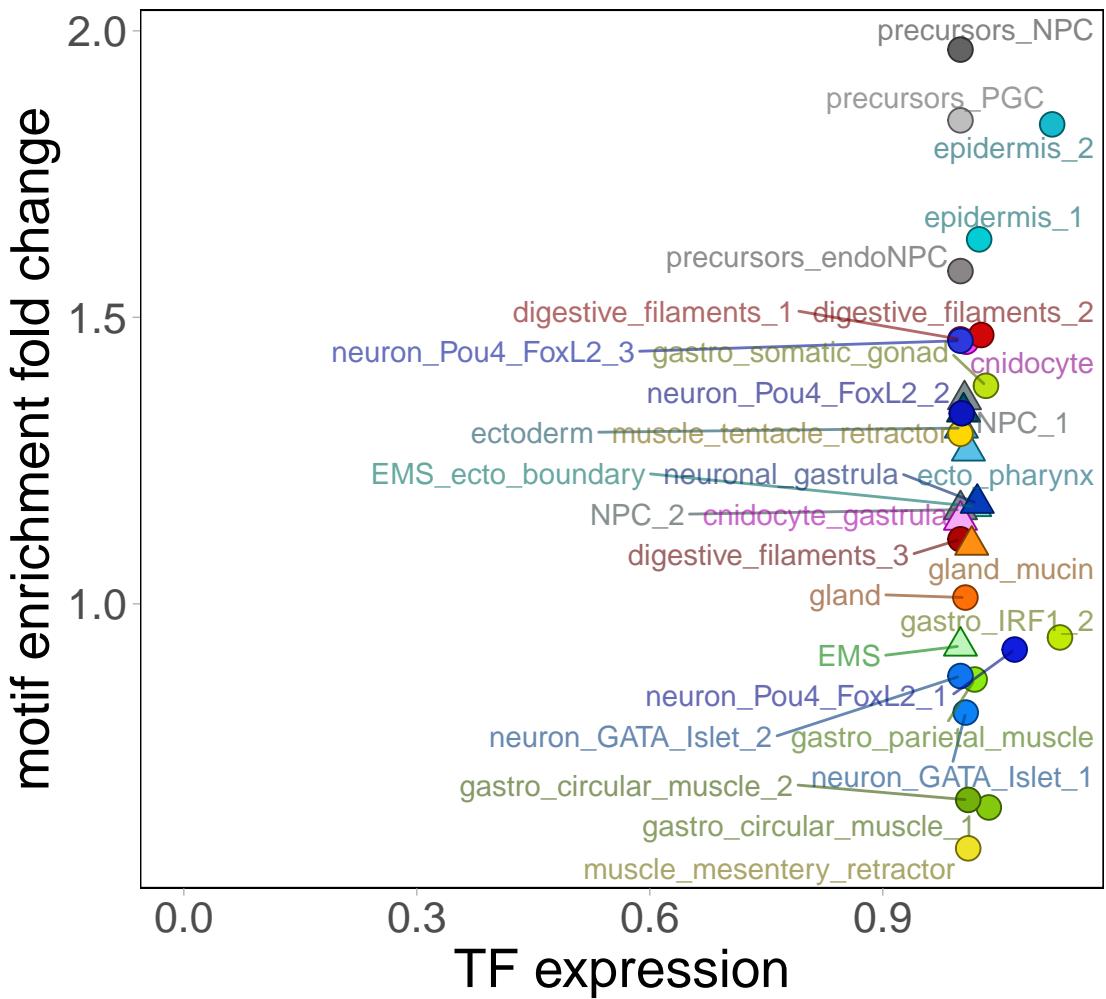
Nvec_vc1.1_XM_001627423.3
OG: HMGbox_Sox.HG1.10:BBX
PFAM: HMG_box
motif: ARCH1040_PB0066.1_Sox17_1
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 92
gene expression correlation: 0.3688
gene score correlation: 0.3439



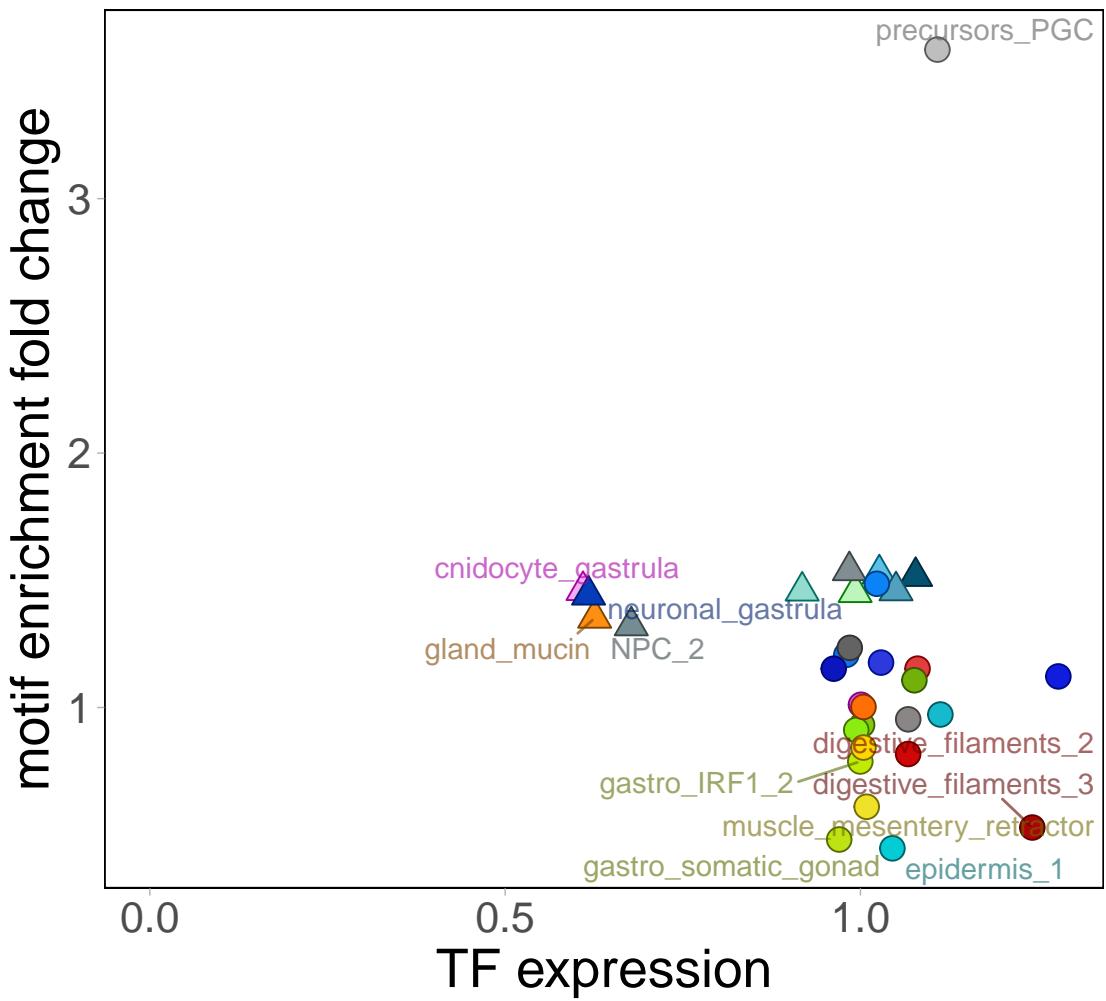
Nvec_vc1.1_XM_001627544.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain
motif: ARCH637_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3999
gene score correlation: 0.7039



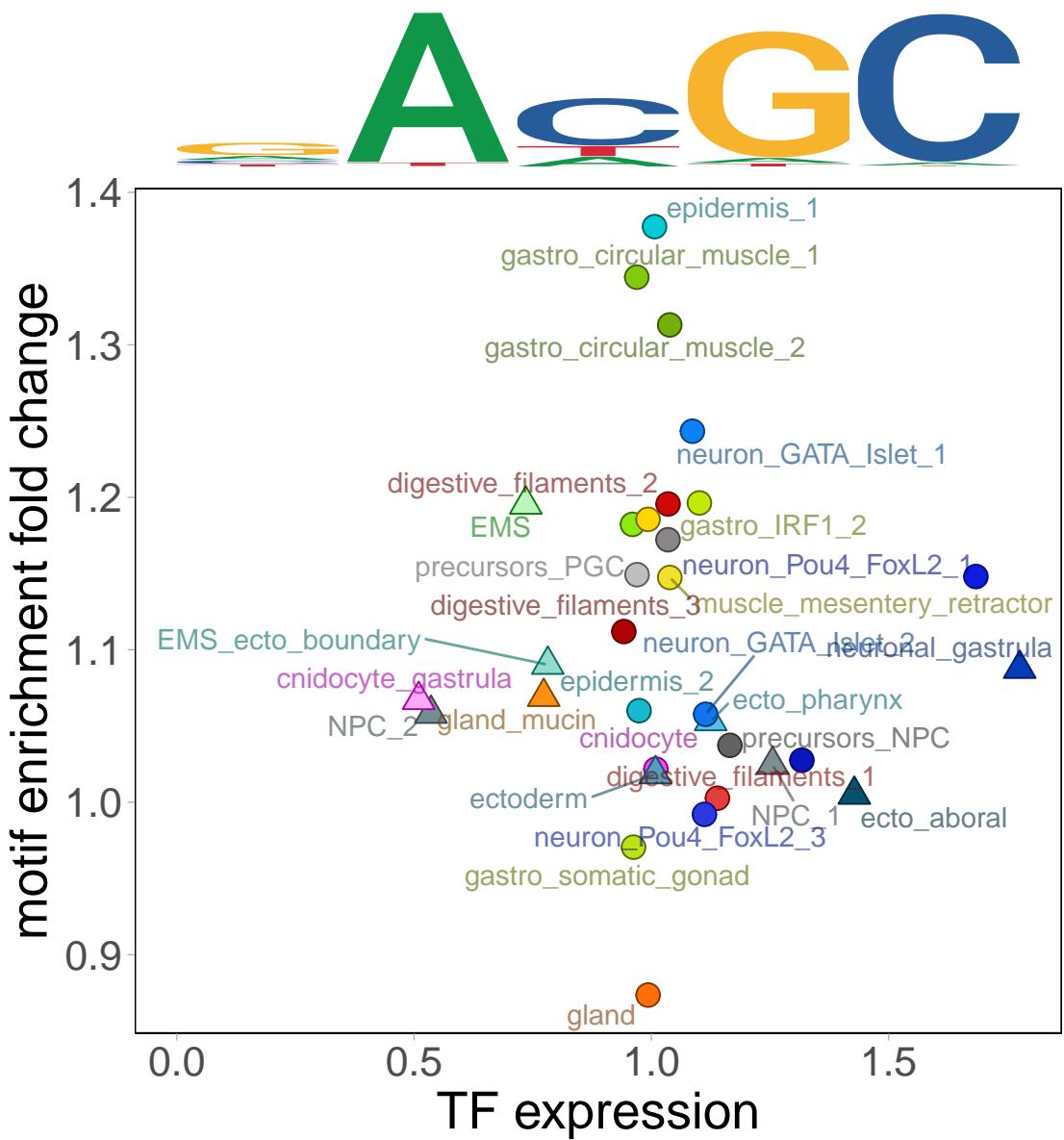
Nvec_vc1.1_XM_001627629.3
OG: Forkhead.HG1.30:like:FOXO1/FOX
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 15
gene expression correlation: -0.0180
gene score correlation: 0.5486



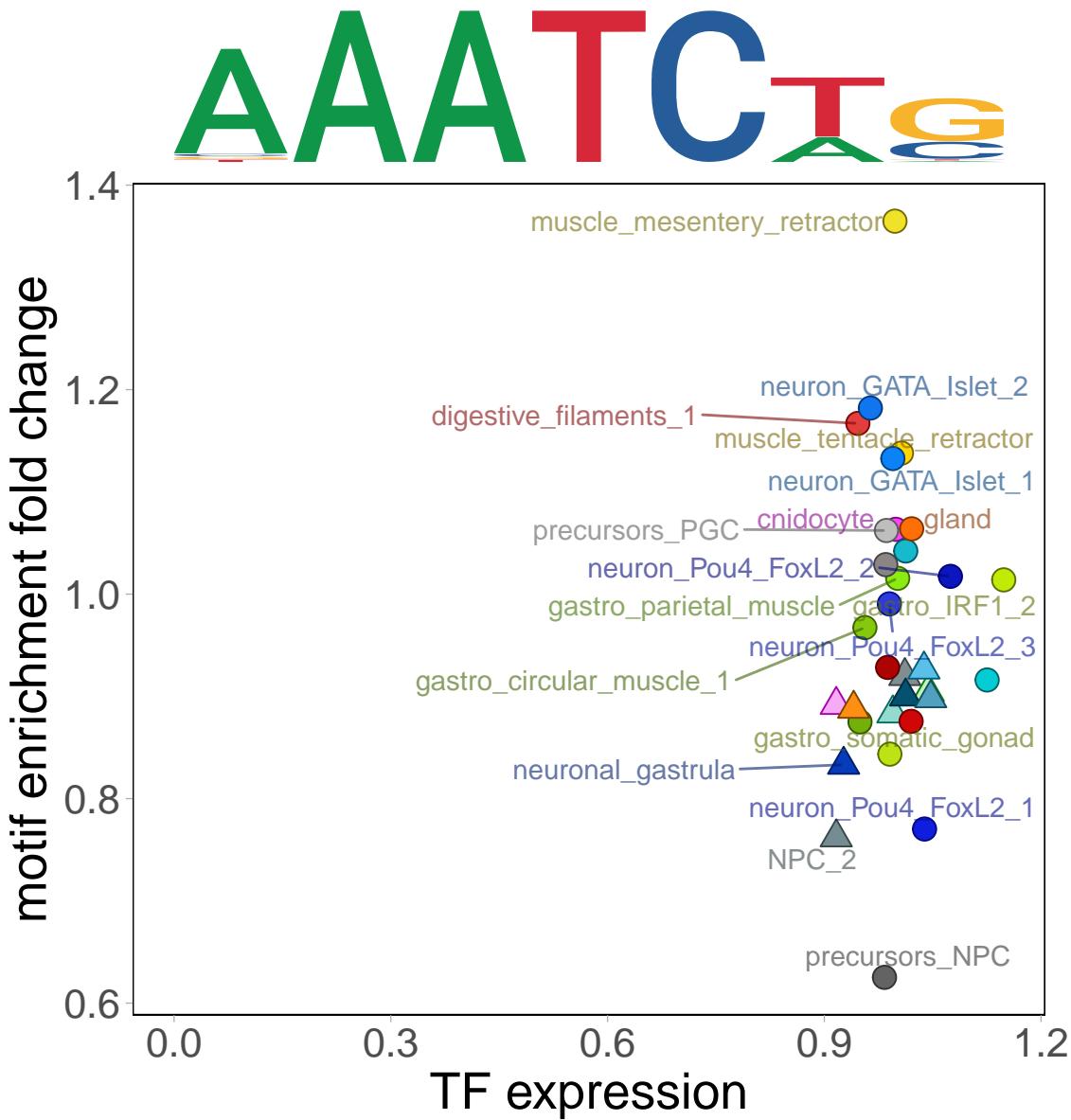
Nvec_vc1.1_XM_001627662.3
OG: E2F_TDP.HG1.3:E2F4/E2F5
PFAM: E2F_TDP/E2F_CC-MB
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 286
gene expression correlation: -0.1122
gene score correlation: 0.0869



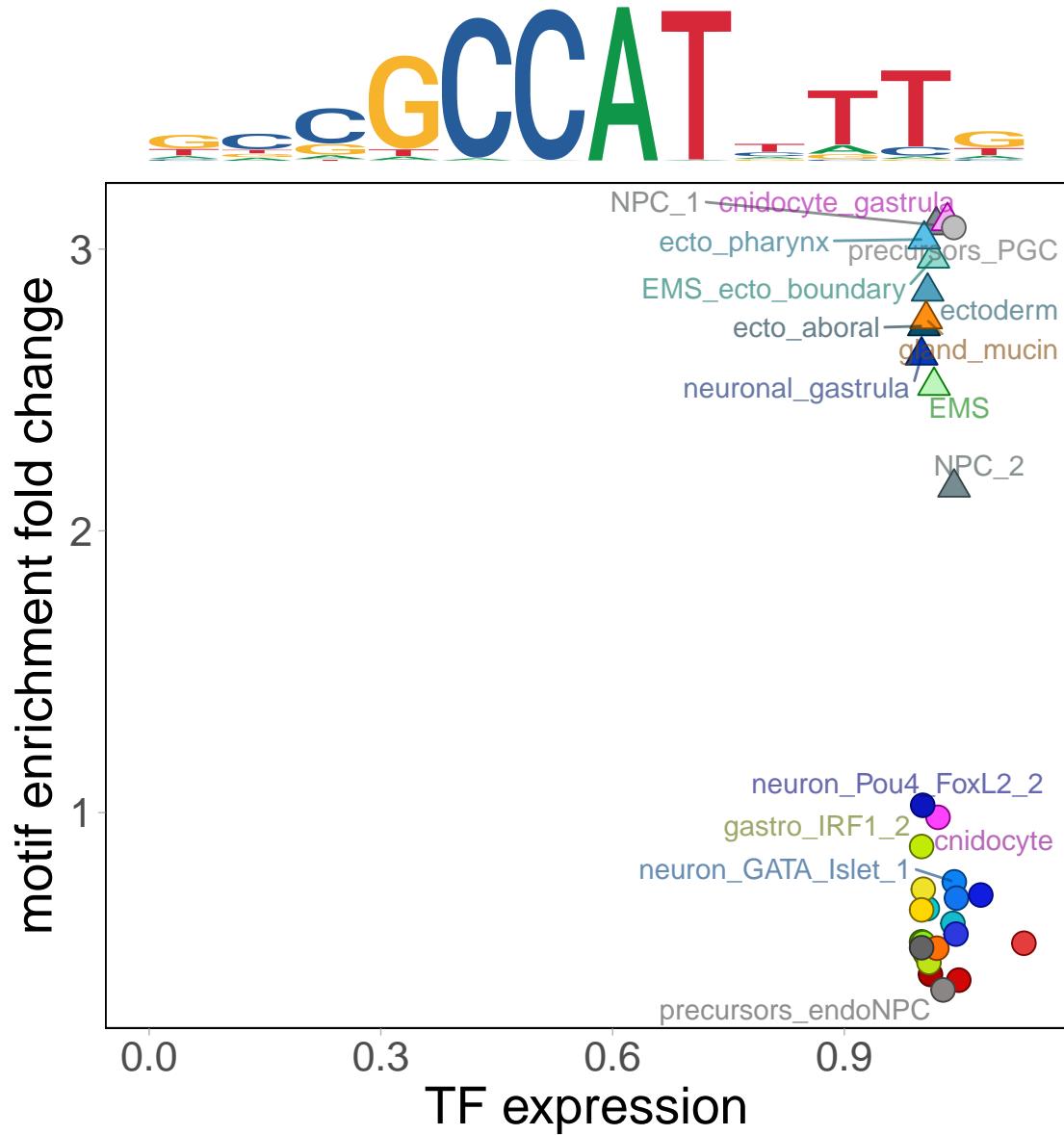
Nvec_vc1.1_XM_001627792.3
OG: Forkhead.HG1.12:FOXN1/FOXN4/
PFAM: Forkhead
motif: ARCH954_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 1632
gene expression correlation: -0.0756
gene score correlation: -0.0903



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: 0.0764
gene score correlation: 0.4006



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: -0.1628
gene score correlation: -0.0912



Nvec_vc1.1_XM_001628278.3

OG: HLH.HG1.75:like:ATOH8

PFAM: HLH

motif: ARCH144_BHLHE23

TF family: HLH

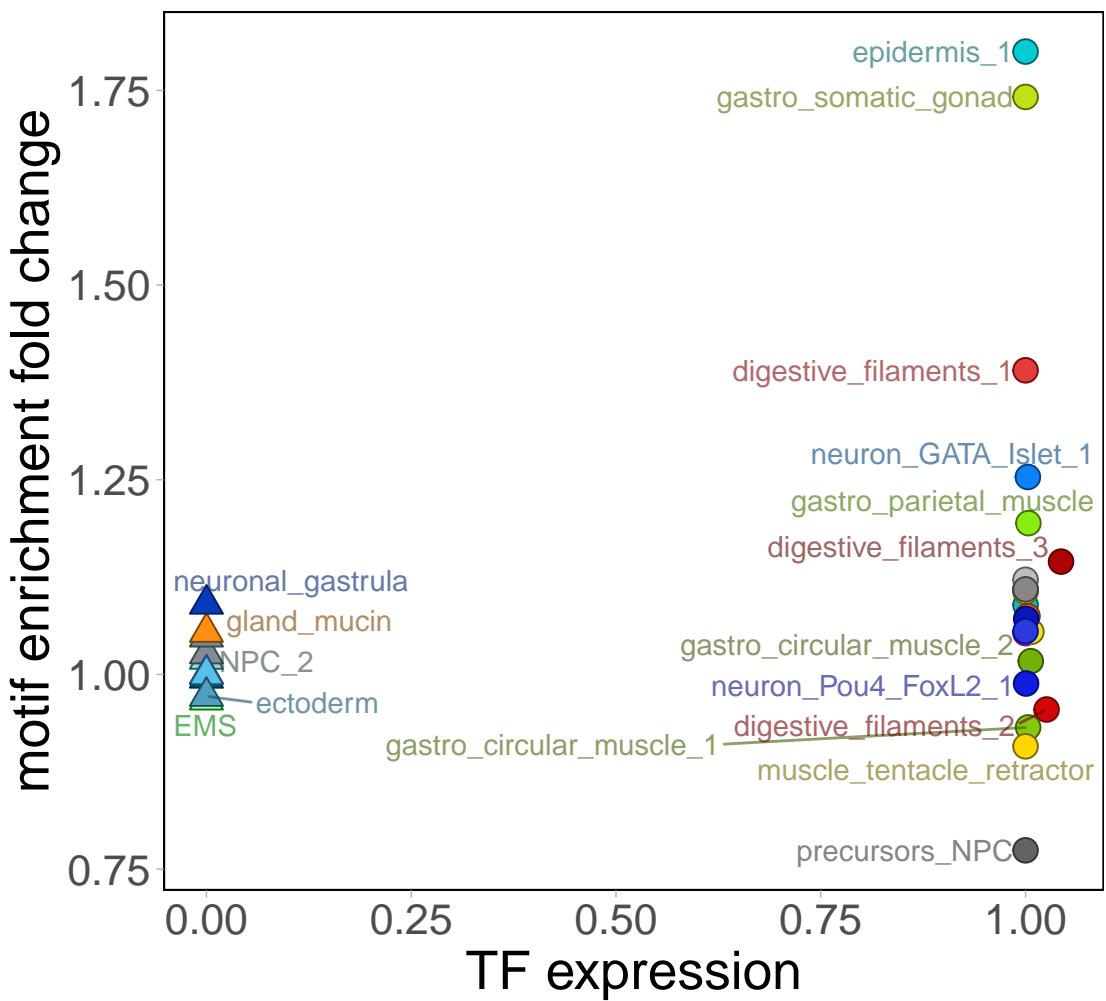
archetype family: HLH

CisBP assigned: FALSE

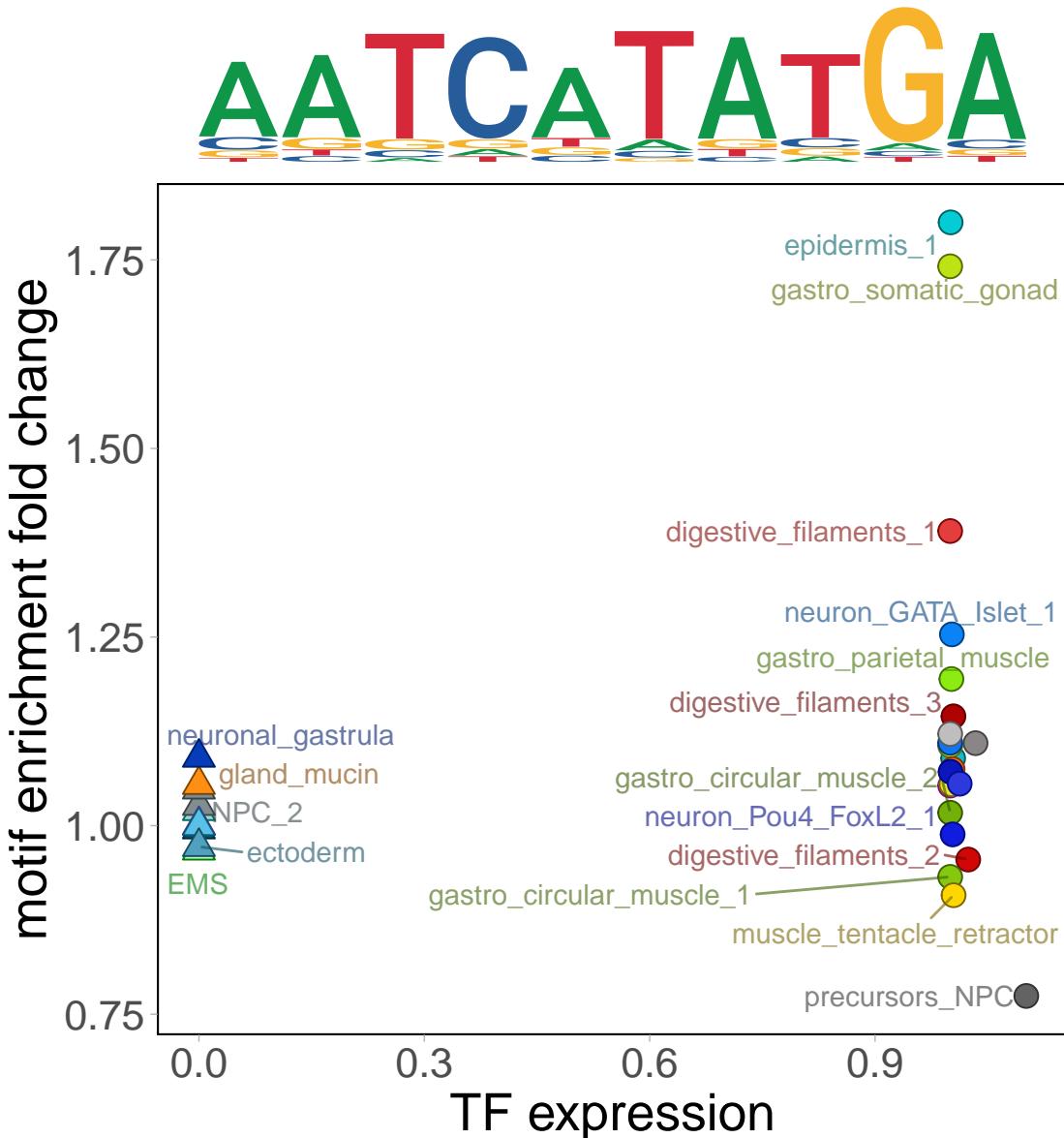
rank: 716

gene expression correlation: 0.2637

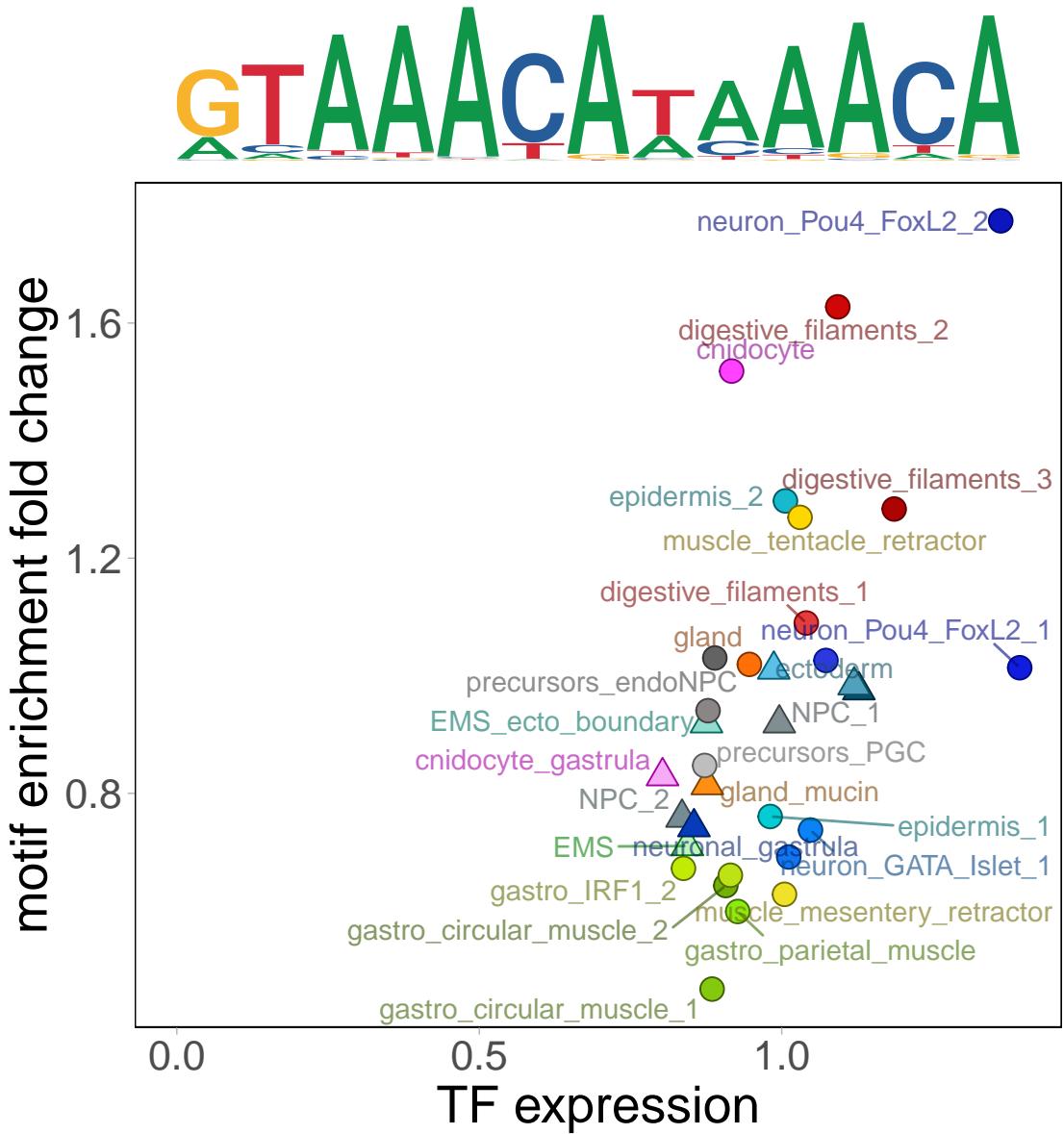
gene score correlation: 0.1563



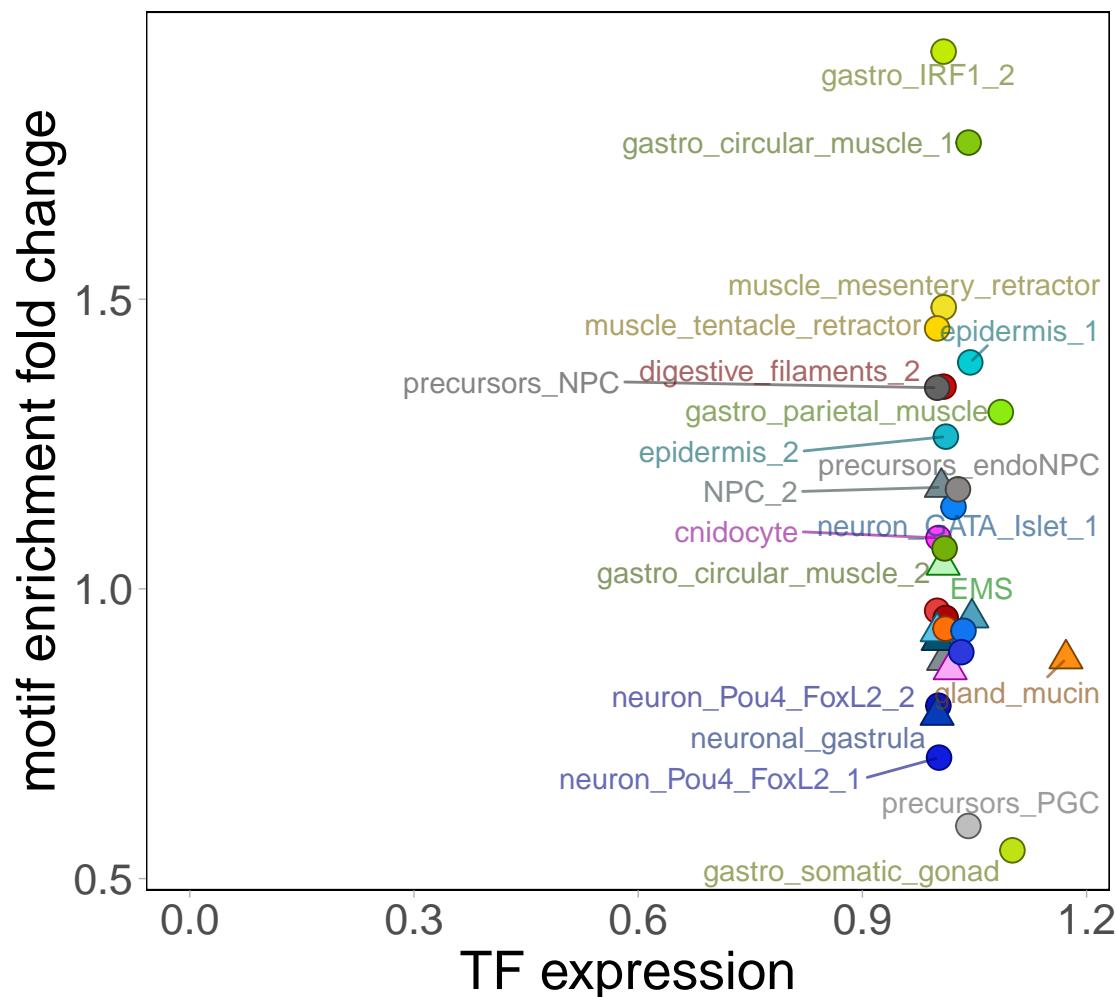
Nvec_vc1.1_XM_001628300.3
OG: HLH.HG1.84:NEUROG1/NEUROG
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1334
gene expression correlation: 0.2510
gene score correlation: -0.2621



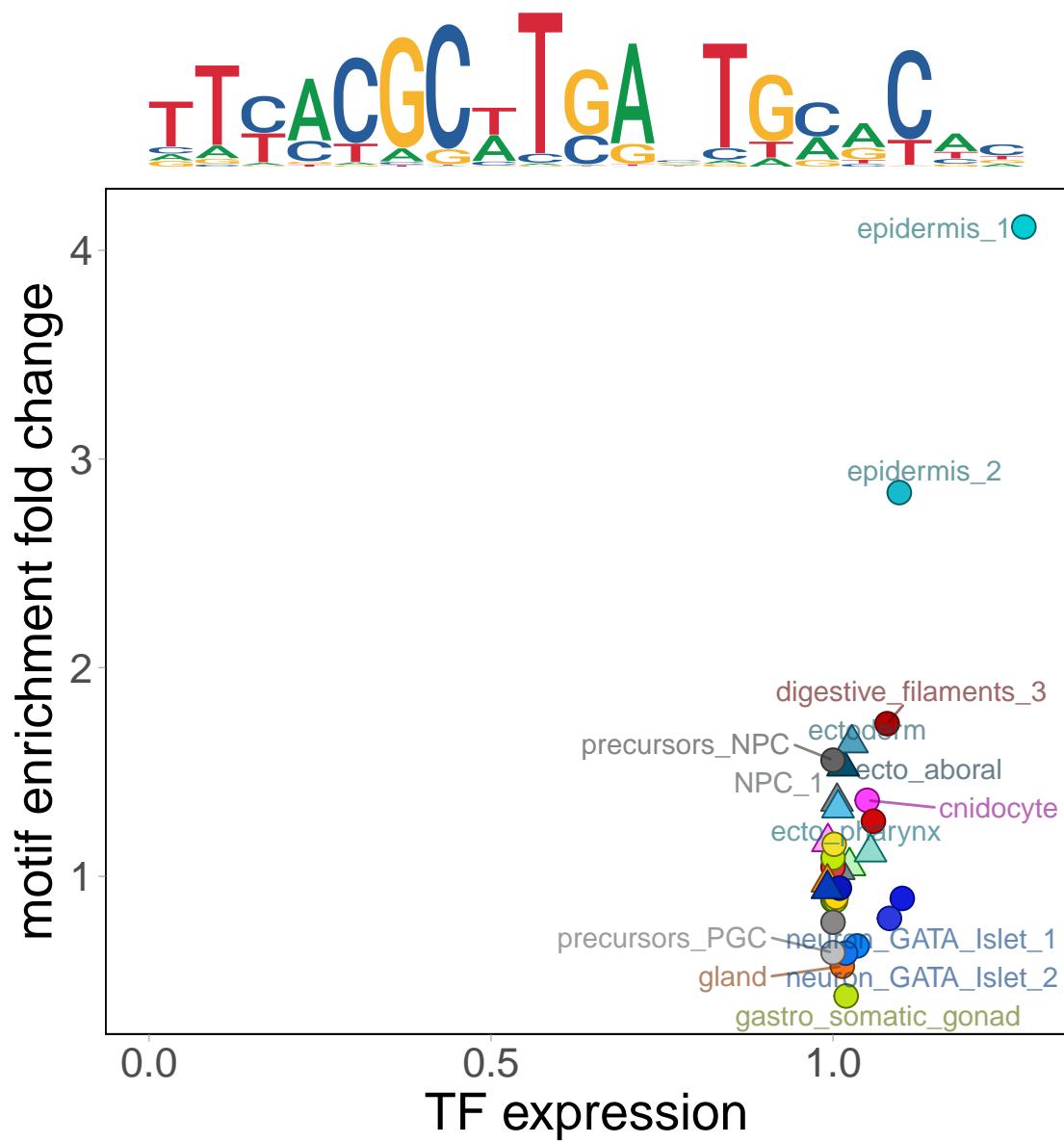
Nvec_vc1.1_XM_001628319.3
OG: Forkhead.HG1.25:FOXJ2/FOXJ3
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F.
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 1560
gene expression correlation: 0.5550
gene score correlation: -0.0834



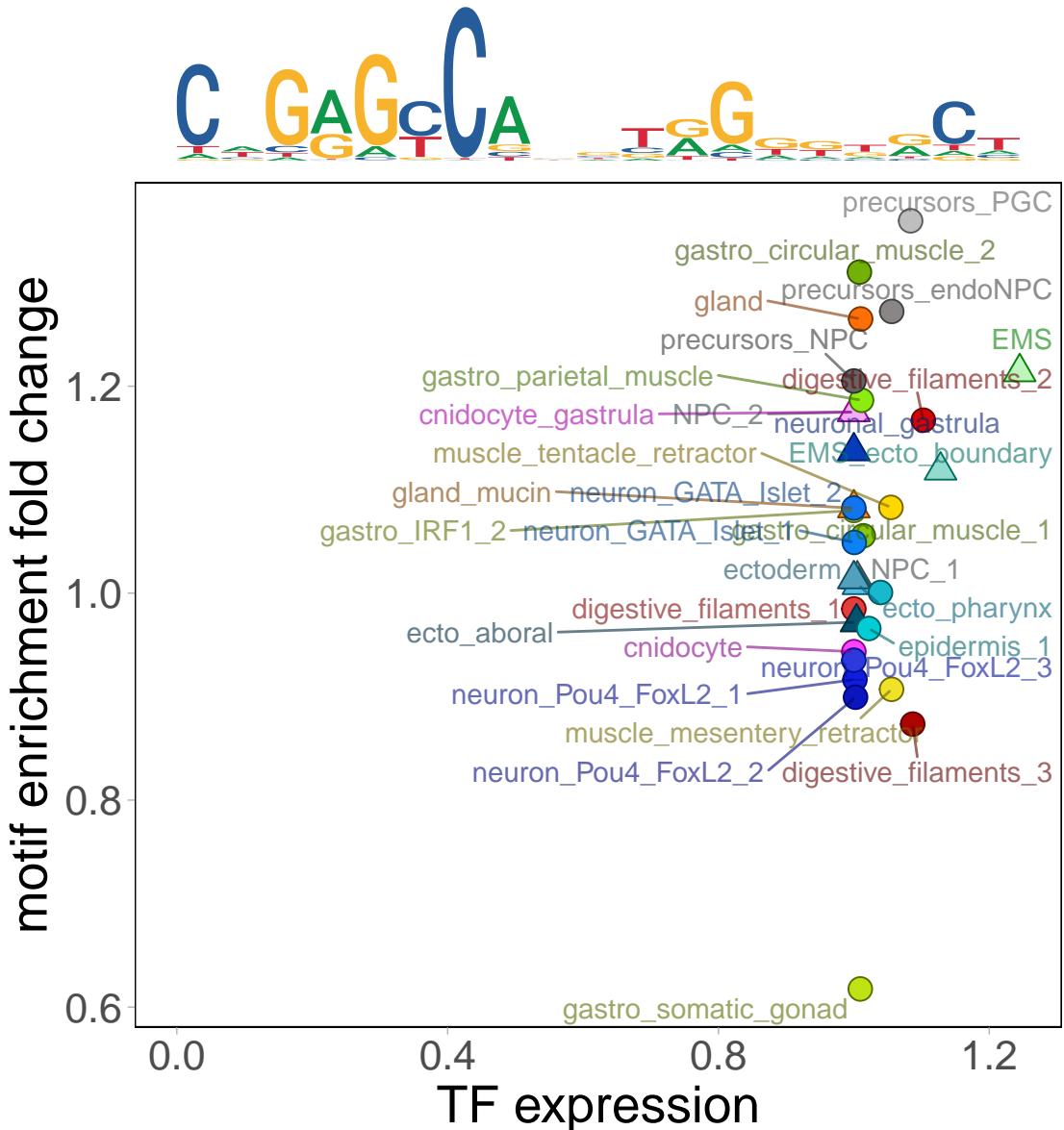
Nvec_vc1.1_XM_001628481.3
OG: Homeodomains.HG1.72:like:NOTO
PFAM: Homeodomain
motif: ARCH927_Emx1/Emx2_Gbx1/Gb
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 239
gene expression correlation: -0.1469
gene score correlation: 0.4286



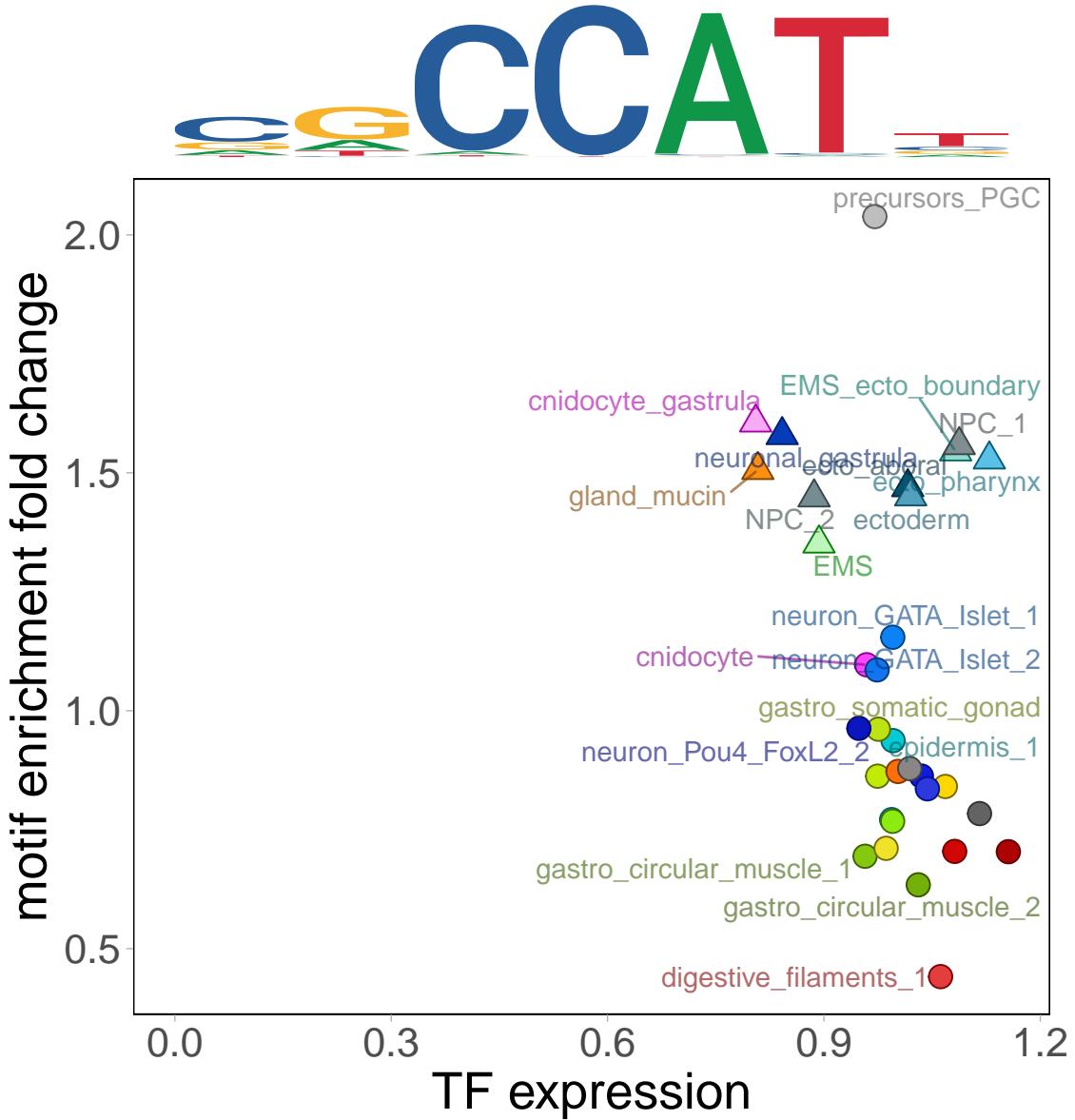
Nvec_vc1.1_XM_001628634.3
OG: Homeodomains.HG2.28:PAX3/PAX
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.7780
gene score correlation: 0.7888



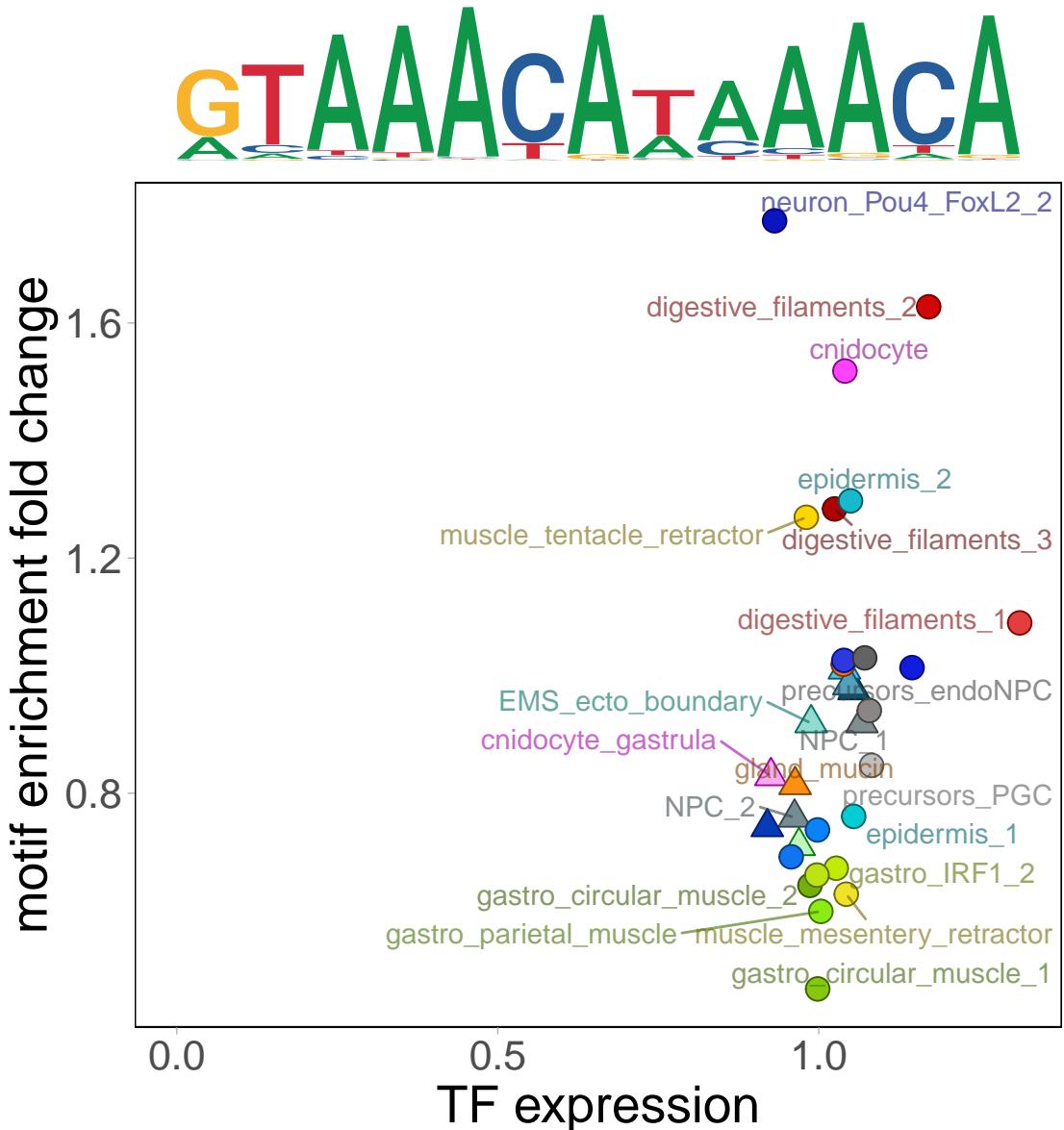
Nvec_vc1.1_XM_001628645.3
OG: zf-C2H2.HG1.88:MYNN
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-H
motif: ARCH923_Zfp239//Zfp942/Zfp9...
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 29
gene expression correlation: 0.2458
gene score correlation: 0.1171



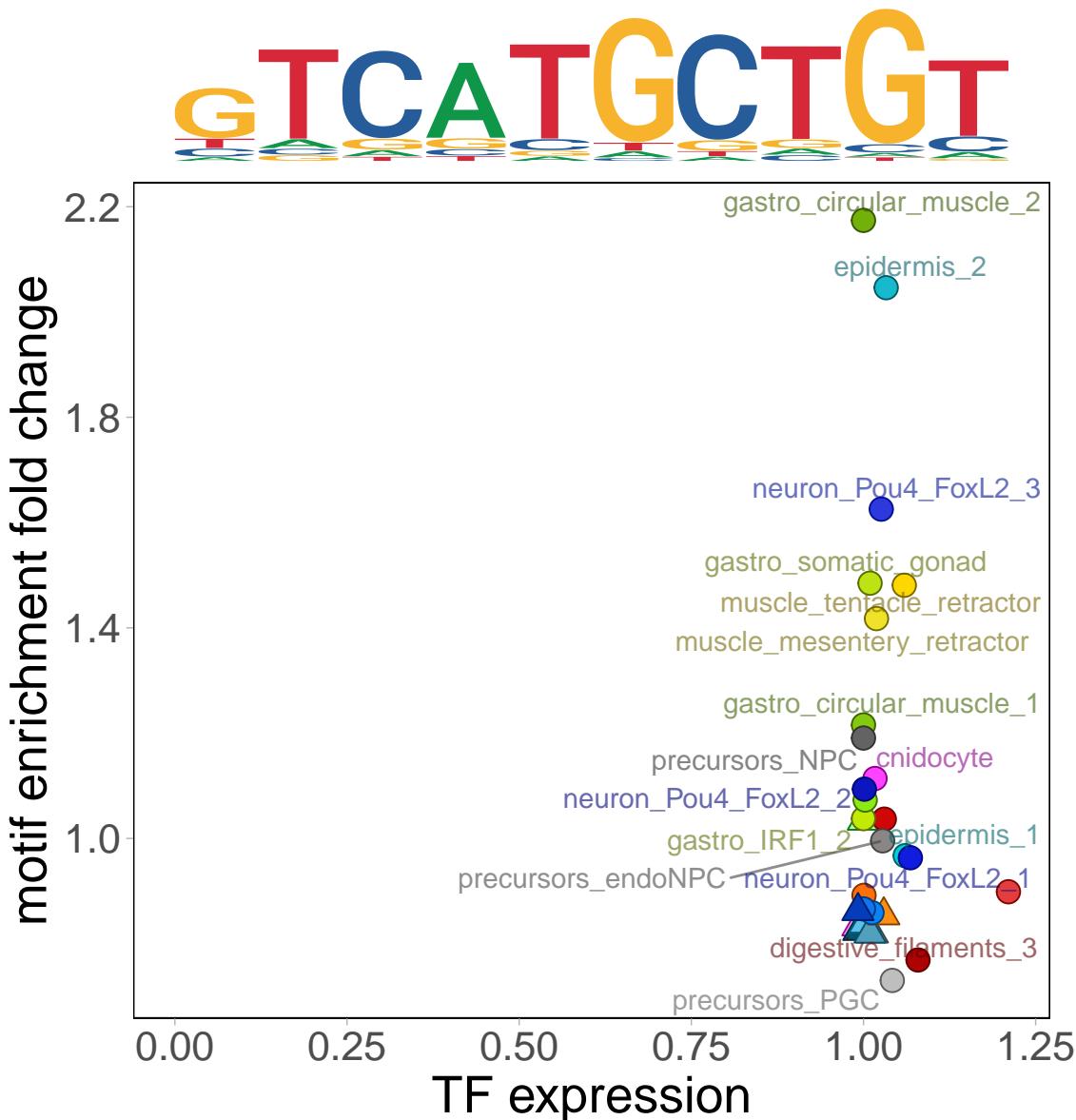
Nvec_vc1.1_XM_001628705.3
OG: zf-C2H2.HG1.119:PRDM4
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1260_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: -0.3832
gene score correlation: 0.2542



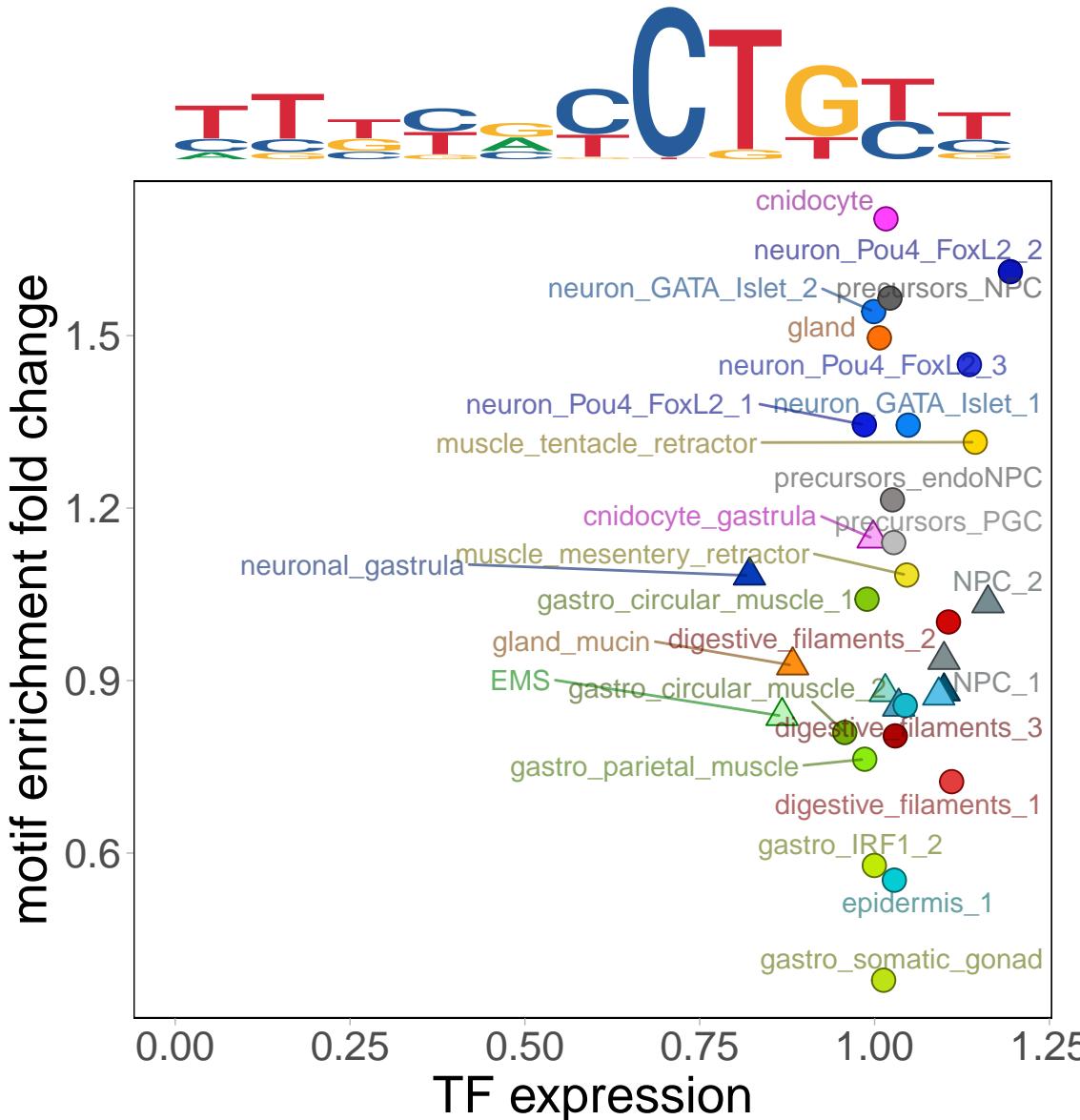
Nvec_vc1.1_XM_001628964.3
OG: Forkhead.HG1.23:FOXK1/FOXK2
PFAM: FHA/Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F.
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 115
gene expression correlation: 0.2664
gene score correlation: 0.0017



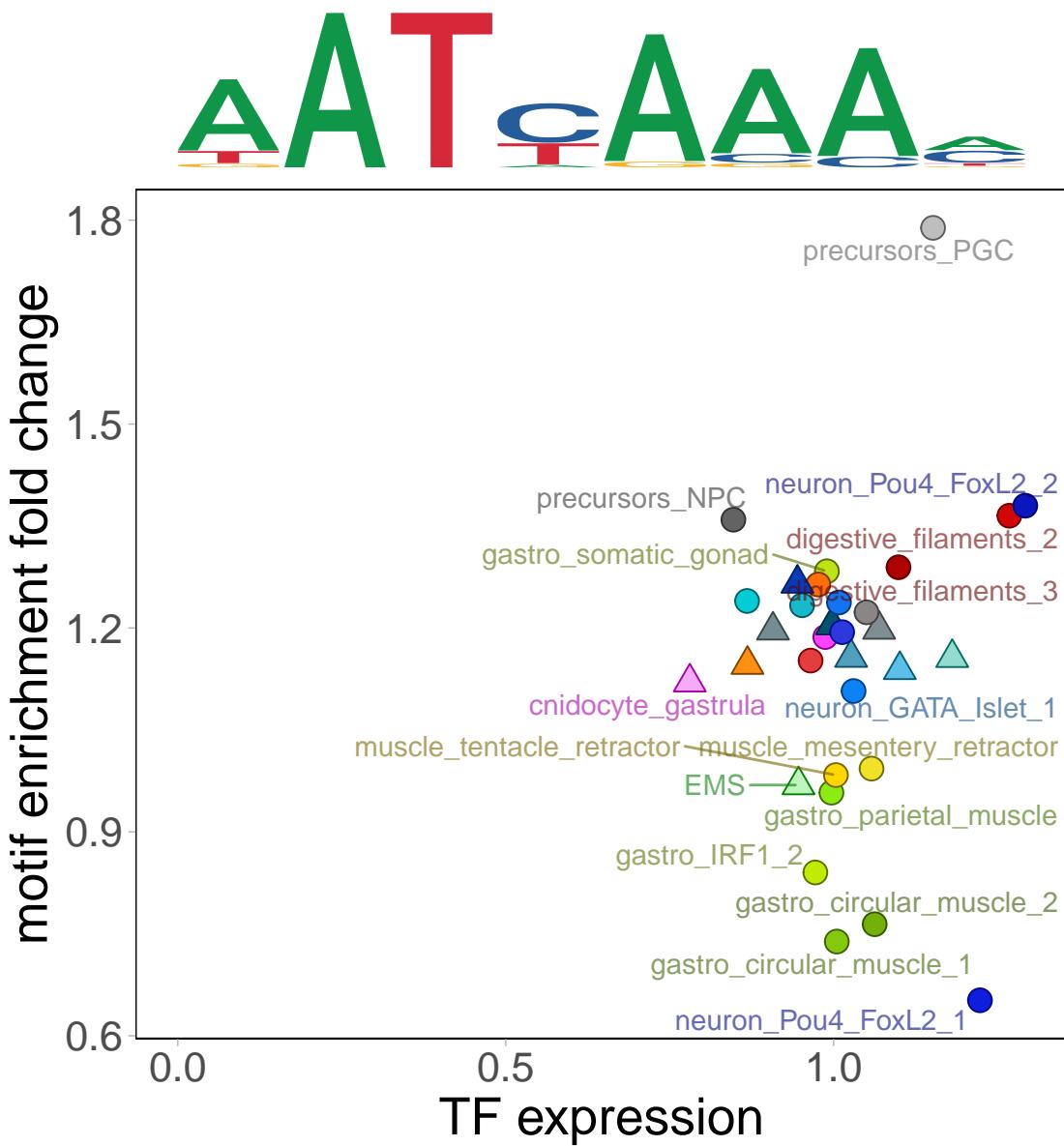
Nvec_vc1.1_XM_001628971.3
OG: zf-C2H2.HG1.87:like:AC008758.1/
PFAM: zf-met/zf-C2H2/zf-C2H2_4/zf-C2H2
motif: ARCH804_PB0207.1_Zic3_2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 33
gene expression correlation: -0.0582
gene score correlation: 0.3659



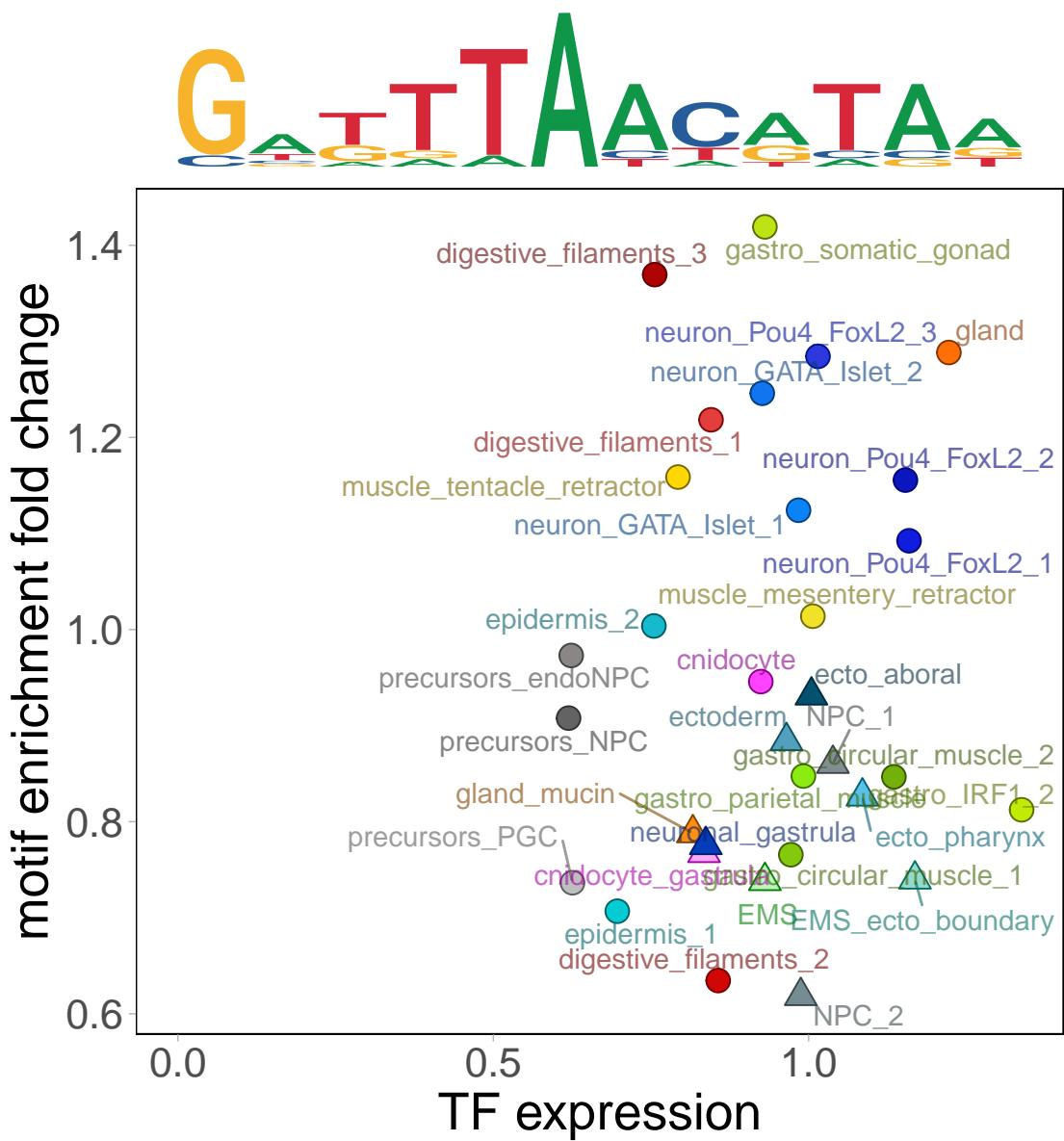
Nvec_vc1.1_XM_001629605.3
OG: SMAD_MH1.HG1.2:like:SMAD4
PFAM: MH1/MH1/zf-HC5HC2H_2/PHD
motif: ARCH662_Smad4
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 561
gene expression correlation: 0.1867
gene score correlation: 0.3498



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: 0.0764
gene score correlation: 0.2364



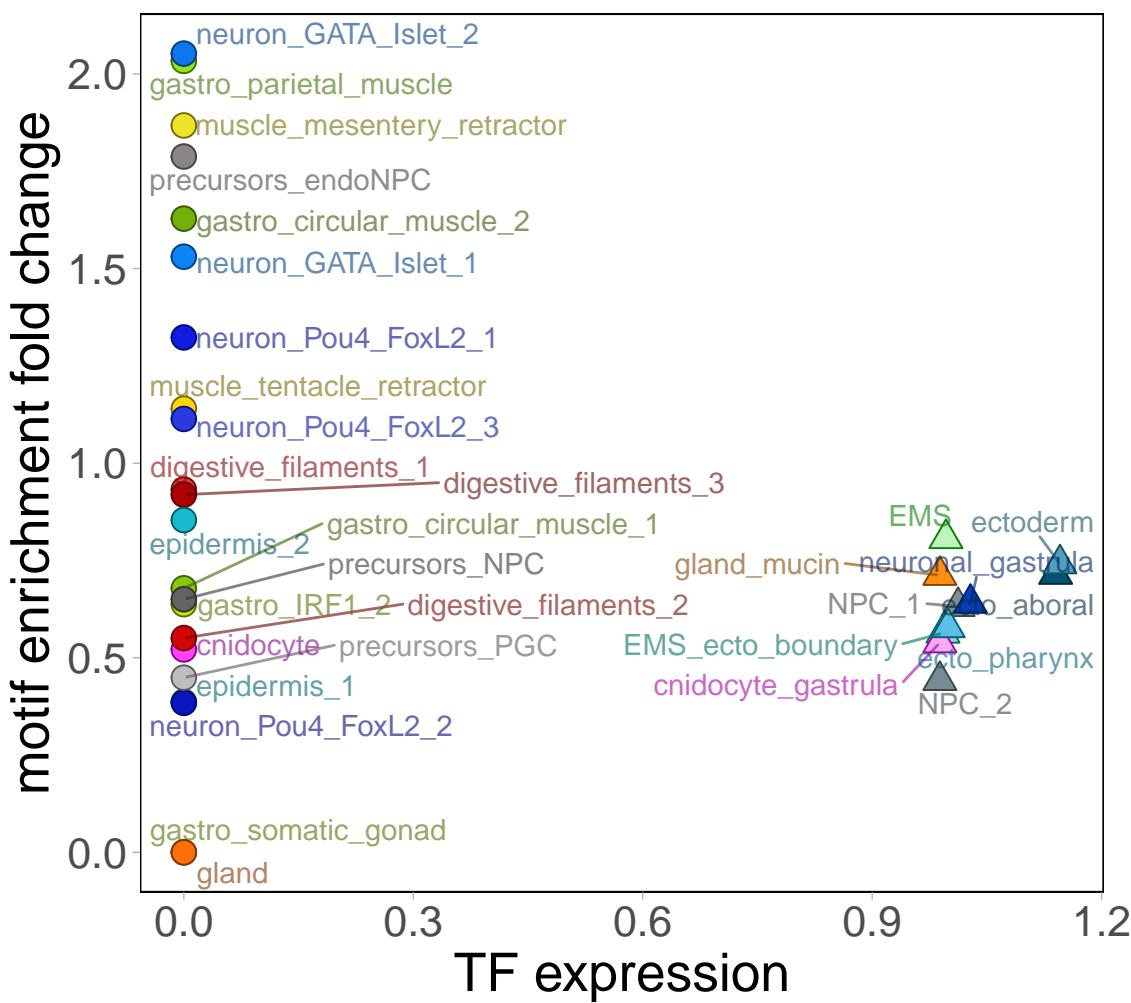
Nvec_vc1.1_XM_001630333.3
OG: Myb.HG1.0:CDC5L
PFAM: Myb_DNA-bind_6/Myb_Cef
motif: ARCH1062_Cdc5lrt1/Cdc5lrt10...
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 501
gene expression correlation: 0.0777
gene score correlation: 0.1359



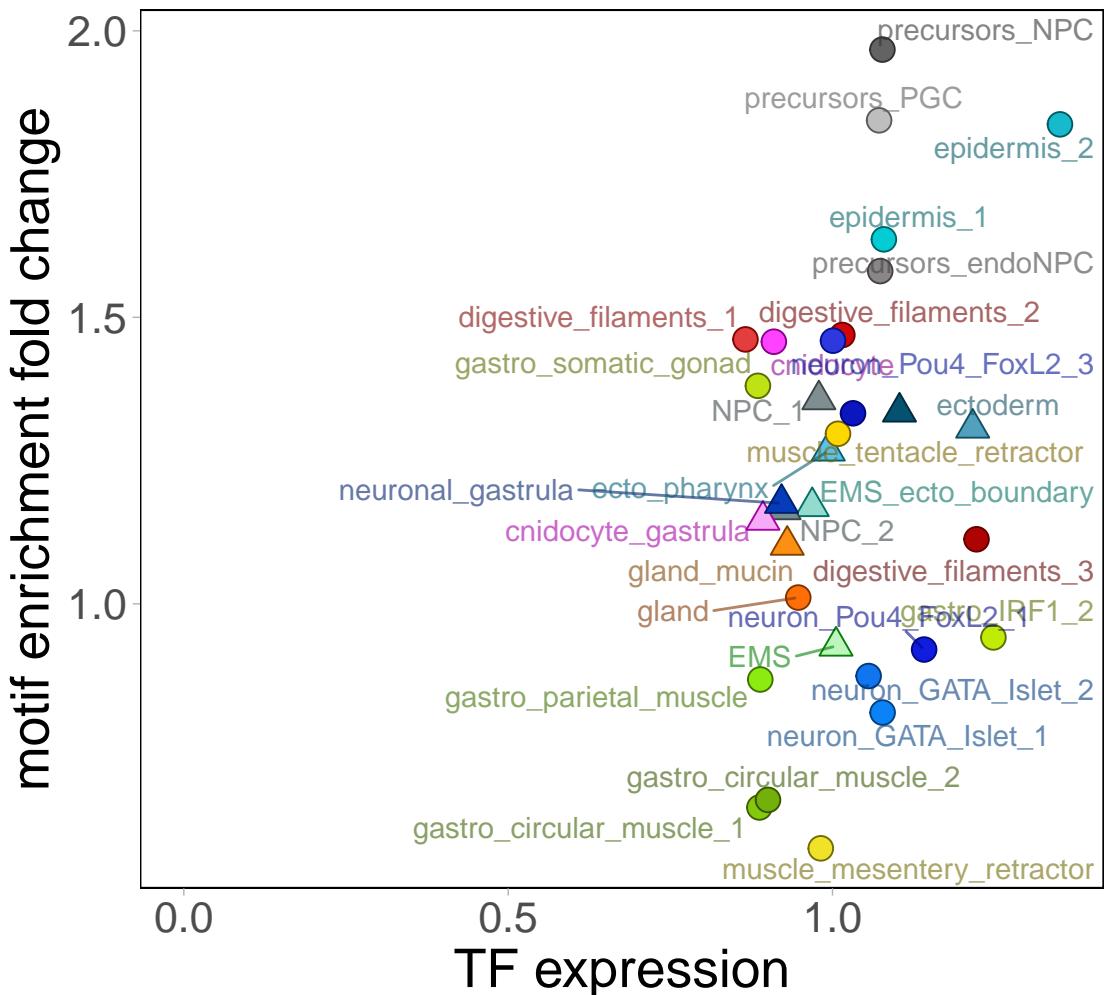
Nvec_vc1.1_XM_001630356.3
OG: GATA.HG1.4:ZGLP1
PFAM: GATA
motif: ARCH1449_Gata3/Gata1/Gata2
TF family: GATA
archetype family: GATA
CisBP assigned: FALSE
rank: 587
gene expression correlation: -0.2892
gene score correlation: -0.2927

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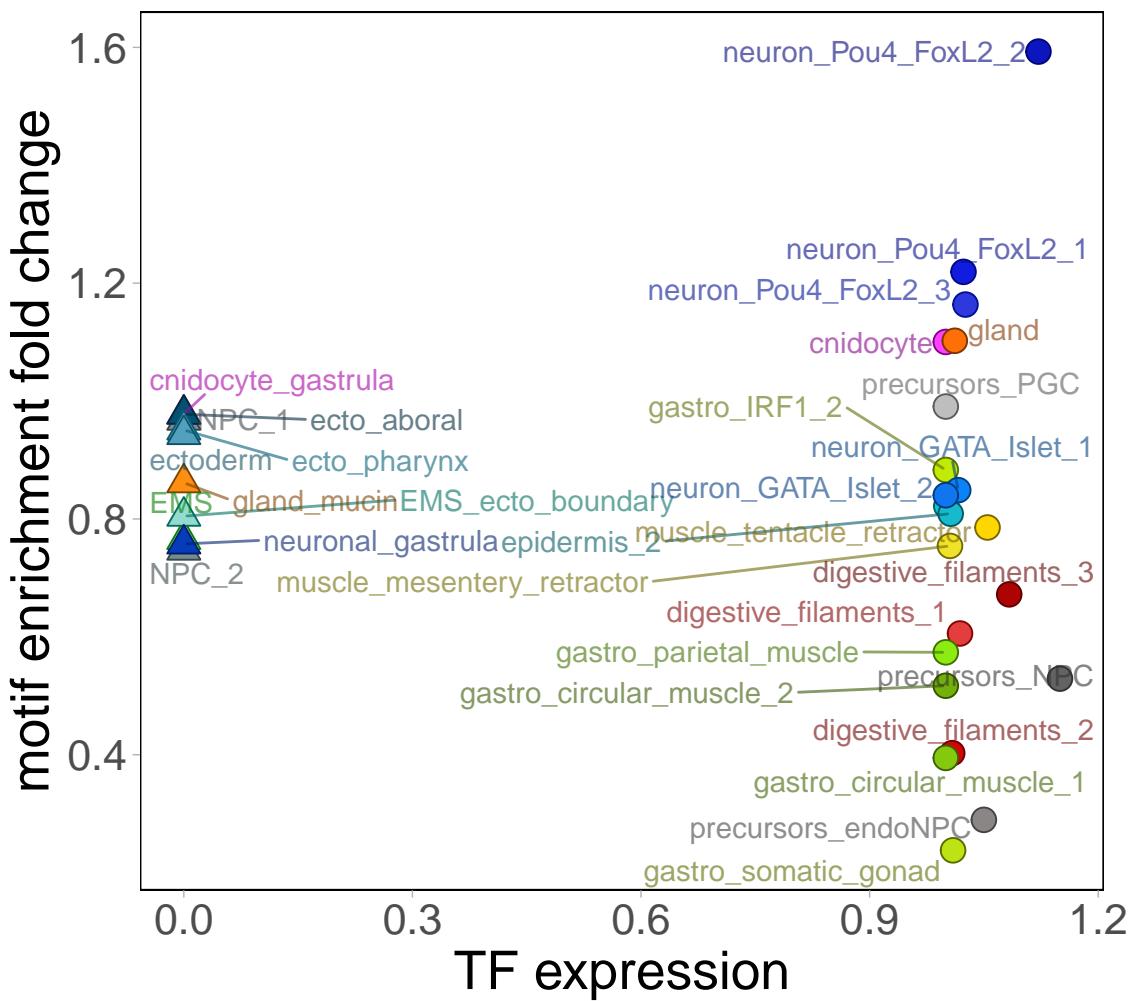
CTTATC



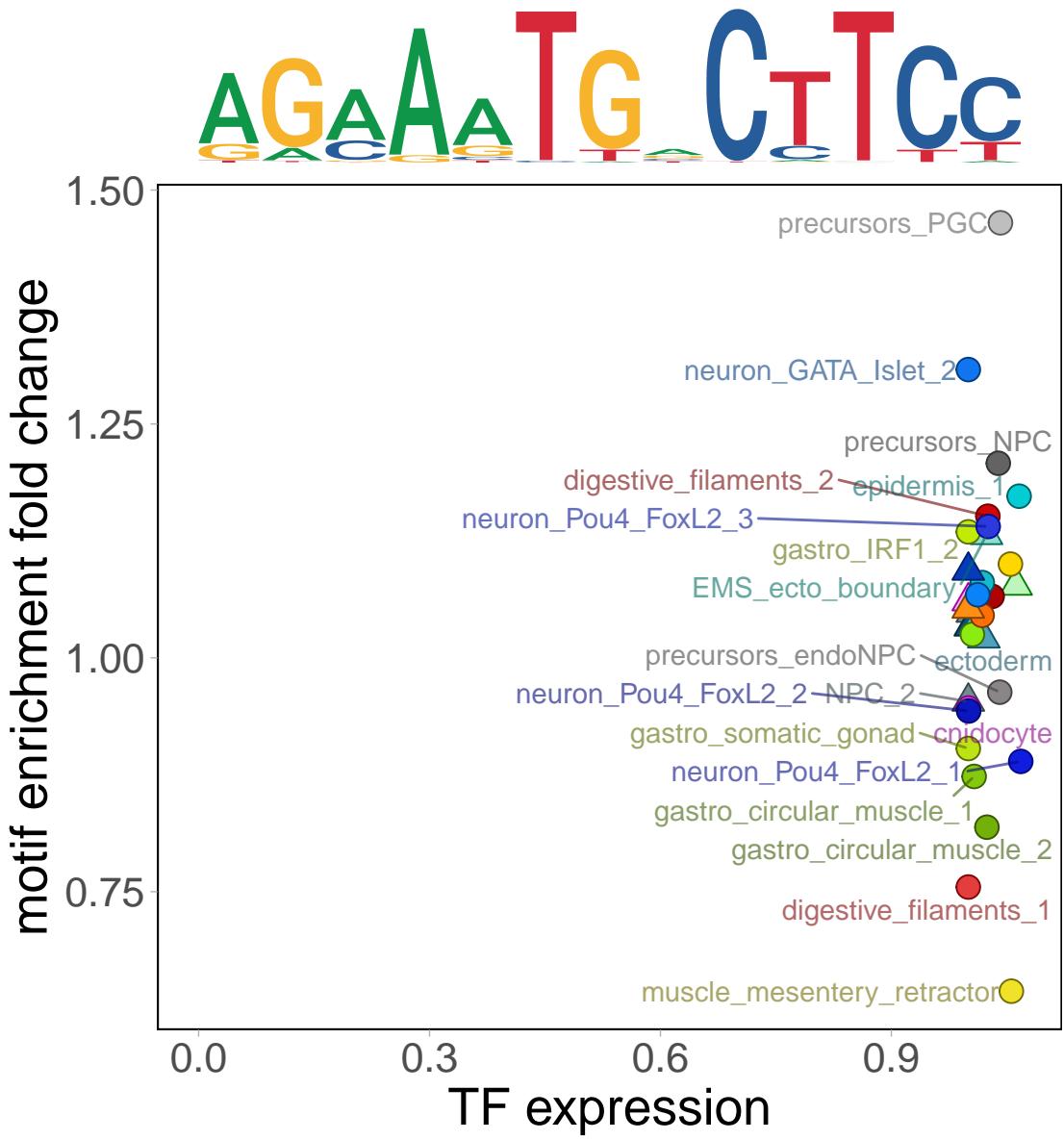
Nvec_vc1.1_XM_001630363.3
OG: Forkhead.HG1.29:FOXO1/FOXO3/
PFAM: Forkhead/FOXO-TAD
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2809
gene score correlation: 0.4690



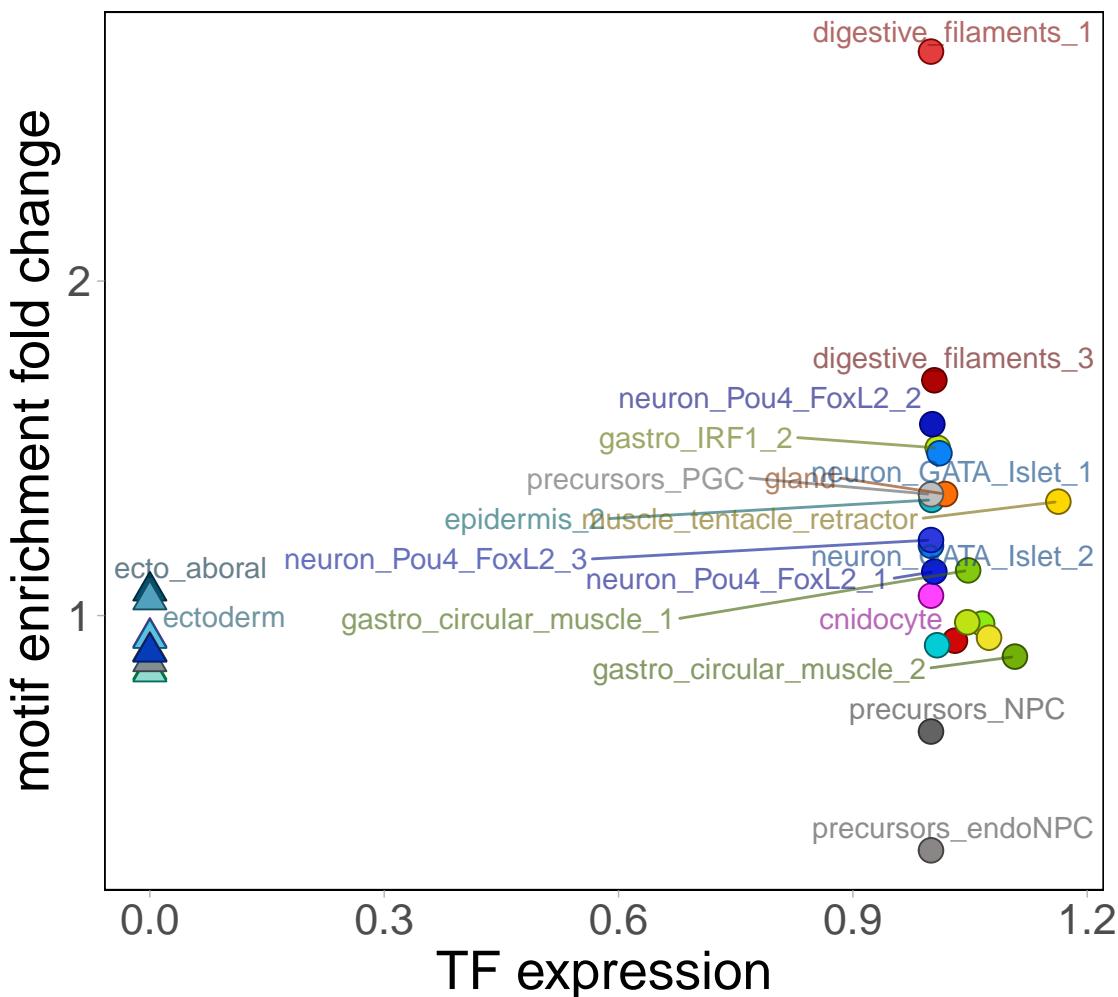
Nvec_vc1.1_XM_001630519.3
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 127
gene expression correlation: -0.1507
gene score correlation: -0.0702



Nvec_vc1.1_XM_001630559.3
OG: zf-C2H2.HG19.0:ZNF496
PFAM: zf-C2H2/zf-C2H2_4/zf-C2H2/zf-C2H2_3
motif: ARCH1274_ZNF528
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 311
gene expression correlation: 0.0660
gene score correlation: 0.0628



Nvec_vc1.1_XM_001630676.3
OG: Homeodomains.HG2.68:like:ARX/O
PFAM: Homeodomain
motif: ARCH1055_MF0010.1_Homeob
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1152
gene expression correlation: 0.3284
gene score correlation: -0.1470



Nvec_vc1.1_XM_001630974.3

OG: Myb.HG1.23:TERB1/TERF2

PFAM: Myb_DNA-binding

motif: ARCH1391_MYB113

TF family: Myb

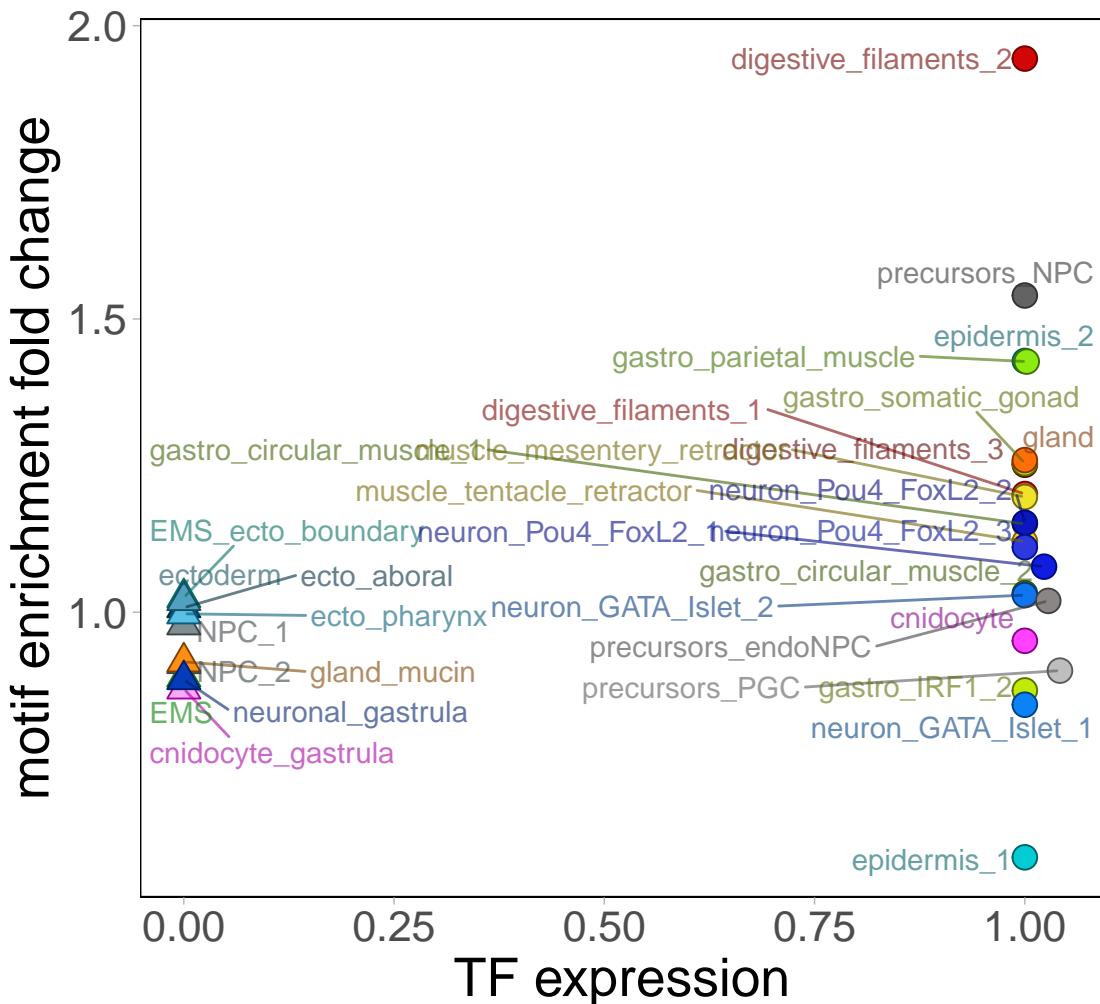
archetype family: Myb

CisBP assigned: FALSE

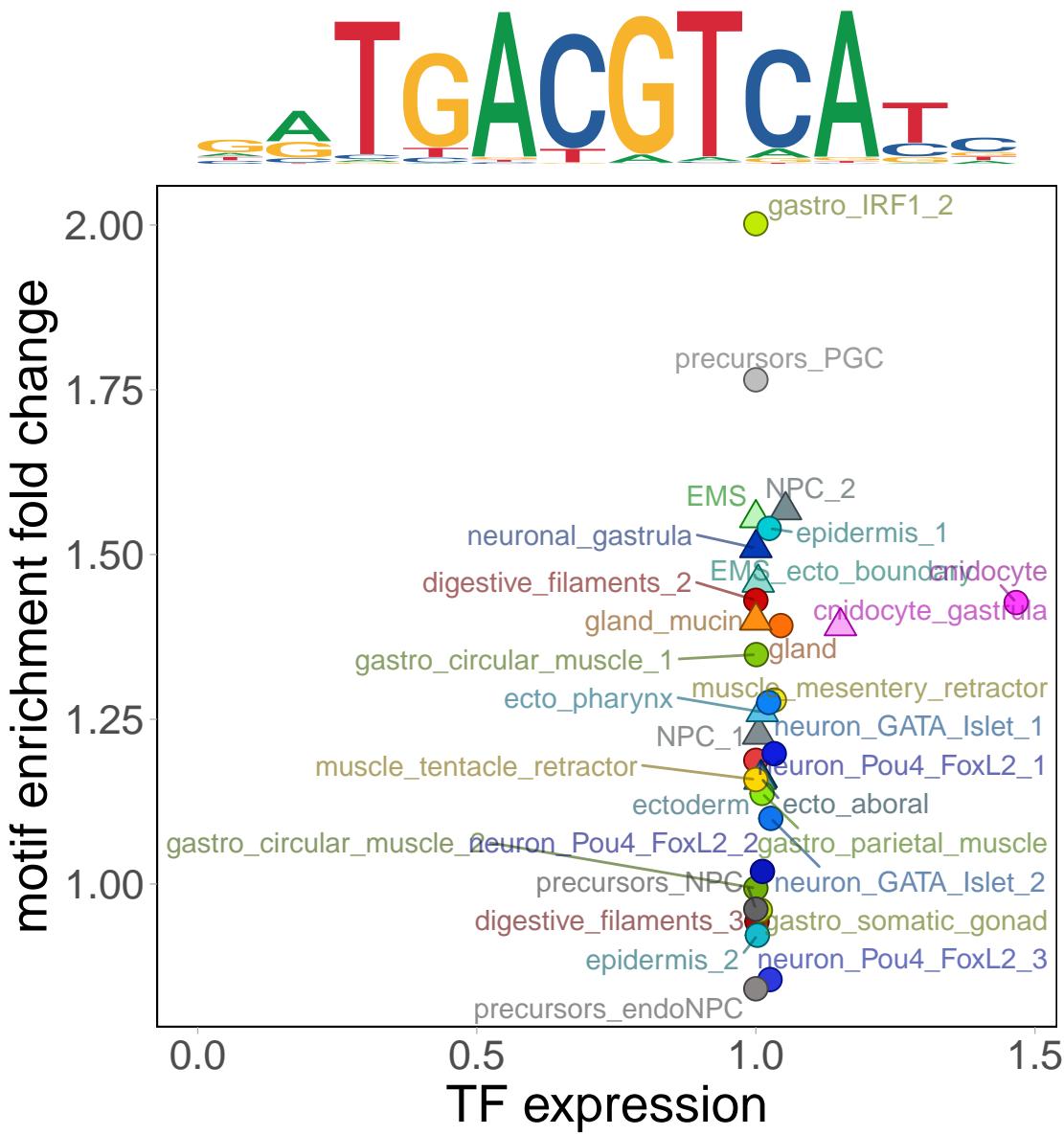
rank: 609

gene expression correlation: 0.3755

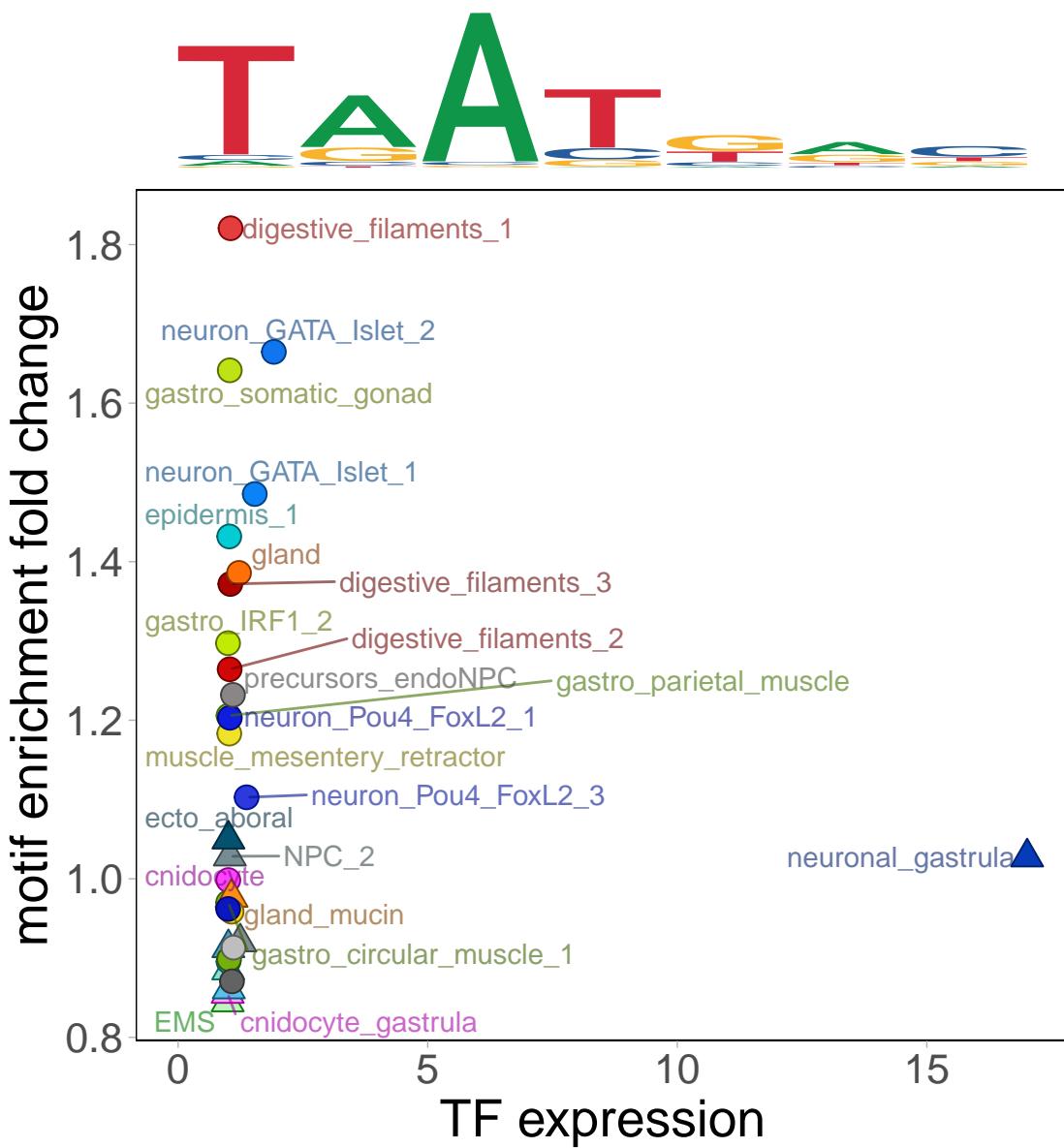
gene score correlation: 0.0581



Nvec_vc1.1_XM_001631093.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH1610_Atf3/Jdp2_Atf7/Gm2.
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 804
gene expression correlation: 0.1405
gene score correlation: 0.1591



Nvec_vc1.1_XM_001631173.3
OG: Homeodomains.HG2.62:VSX1/VSX2
PFAM: Homeodomain
motif: ARCH335_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 28
gene expression correlation: -0.0403
gene score correlation: 0.1899



Nvec_vc1.1_XM_001631326.3

OG: HLH.HG1.72:BHLHA9

PFAM: HLH

motif: ARCH1533_BHLH112

TF family: HLH

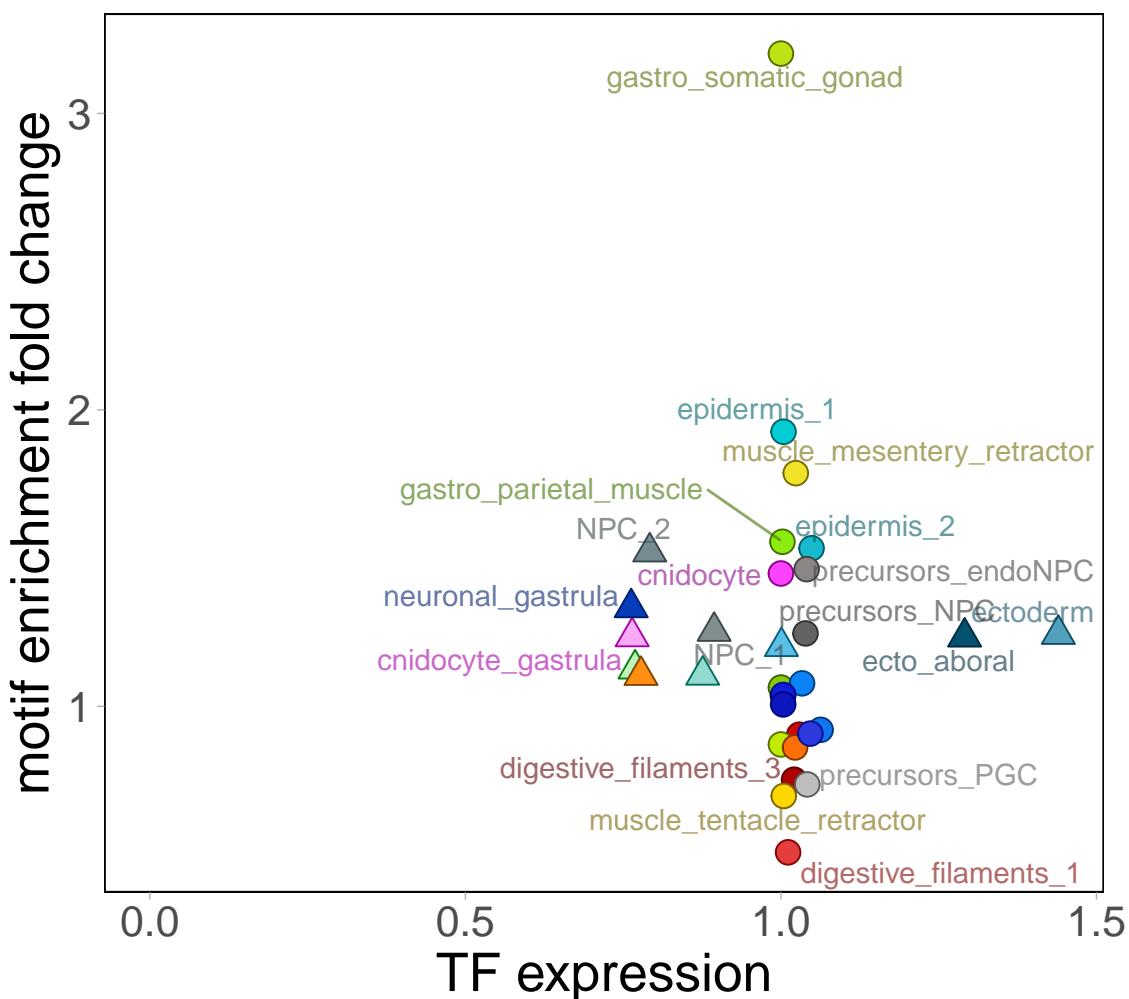
archetype family: HLH

CisBP assigned: FALSE

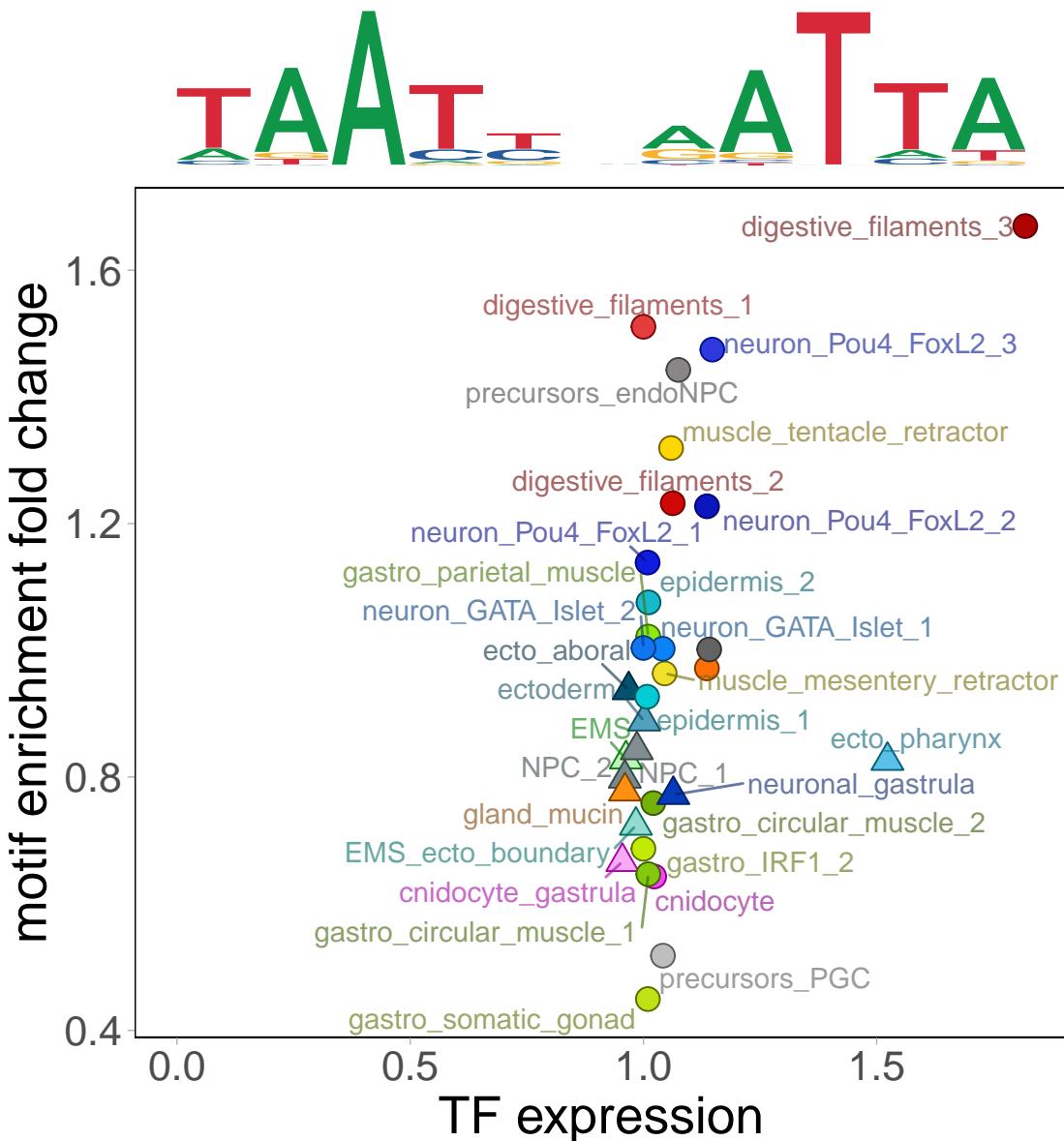
rank: 81

gene expression correlation: -0.0375

gene score correlation: -0.0080



Nvec_vc1.1_XM_001631375.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
motif: ARCH216_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 53
gene expression correlation: 0.4452
gene score correlation: 0.4627



Nvec_vc1.1_XM_001631403.3

OG: HLH.HG1.14:MLXIP/MLXIPL

PFAM: HLH

motif: ARCH1068_bHLH122

TF family: HLH

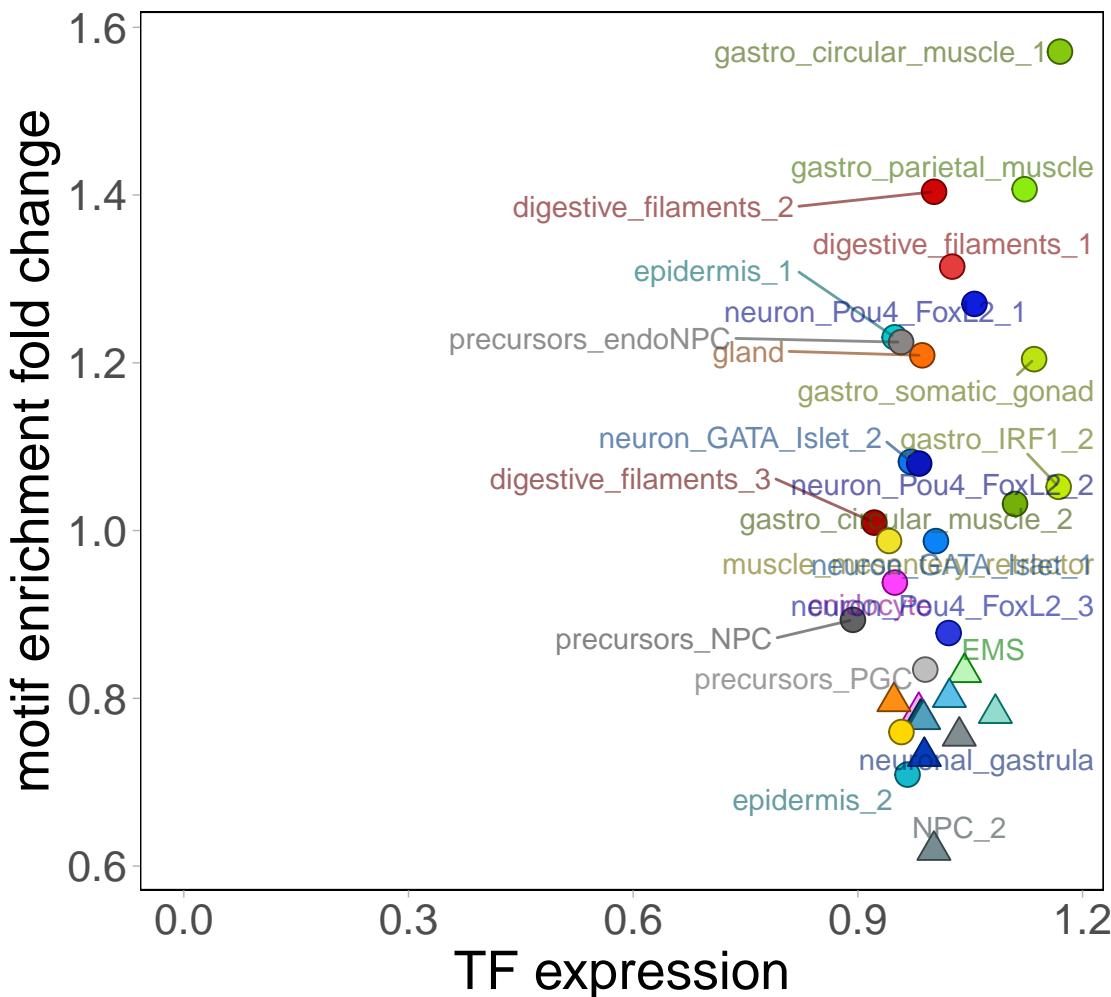
archetype family: HLH

CisBP assigned: FALSE

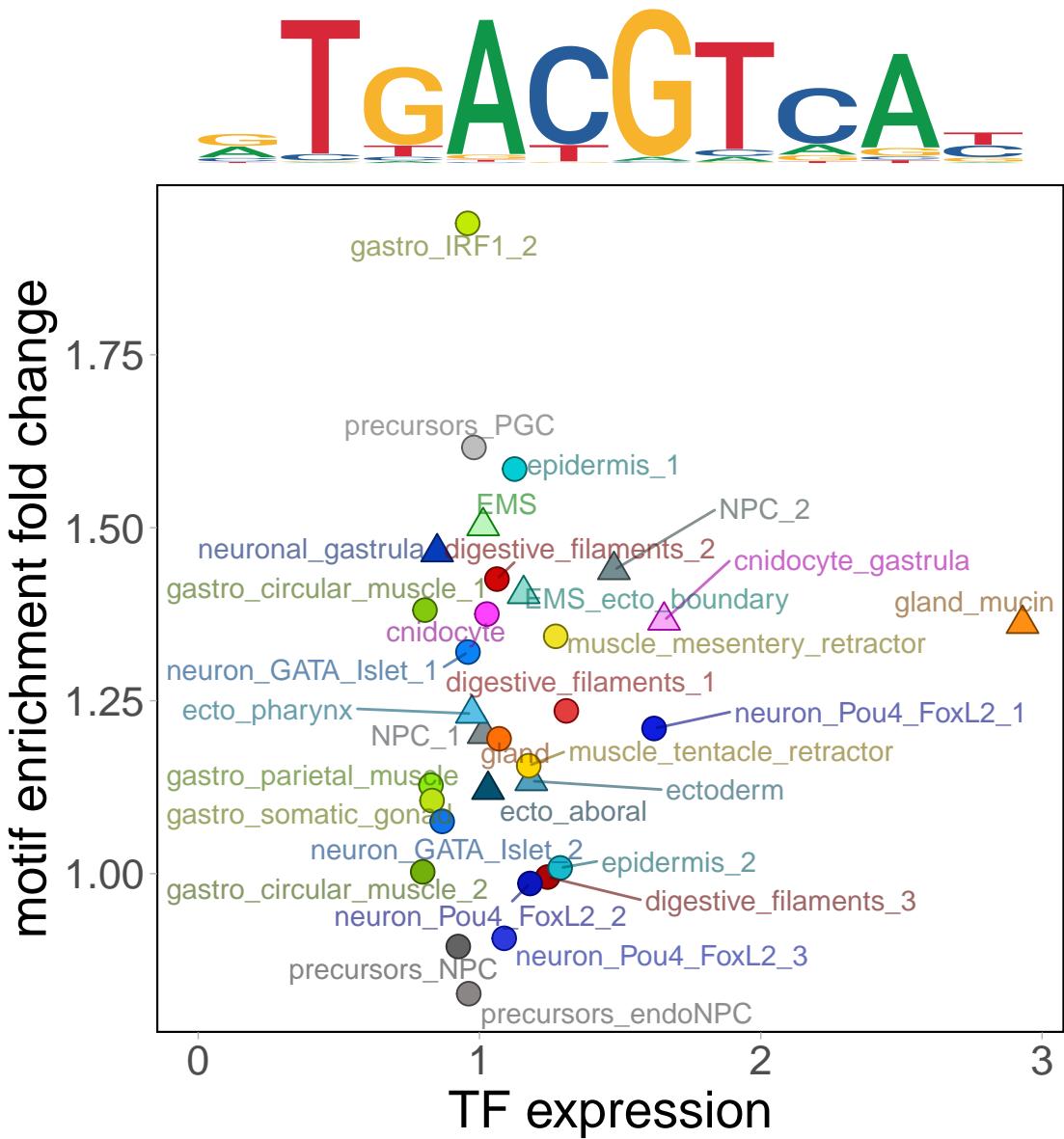
rank: 907

gene expression correlation: 0.3923

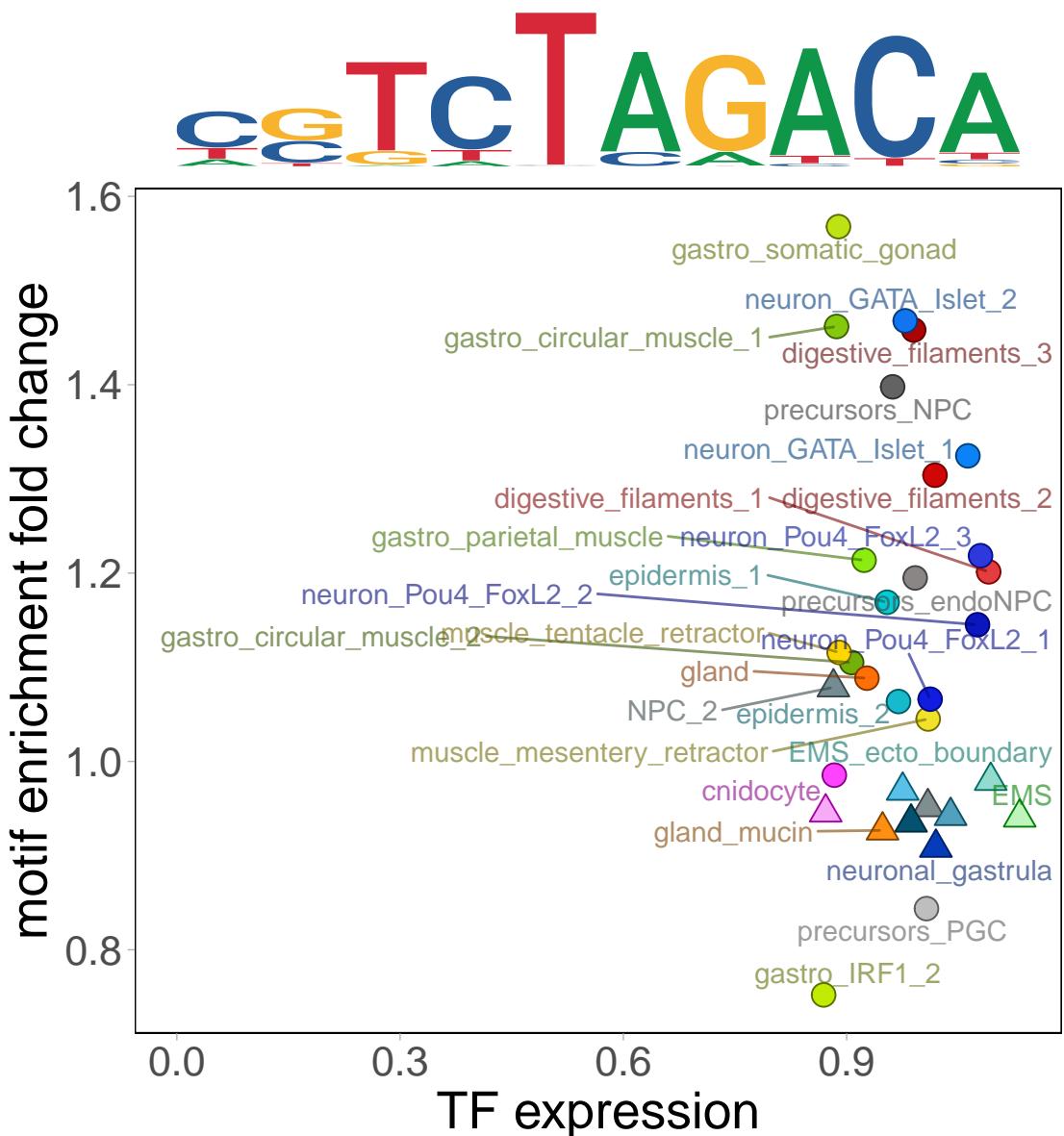
gene score correlation: -0.0650



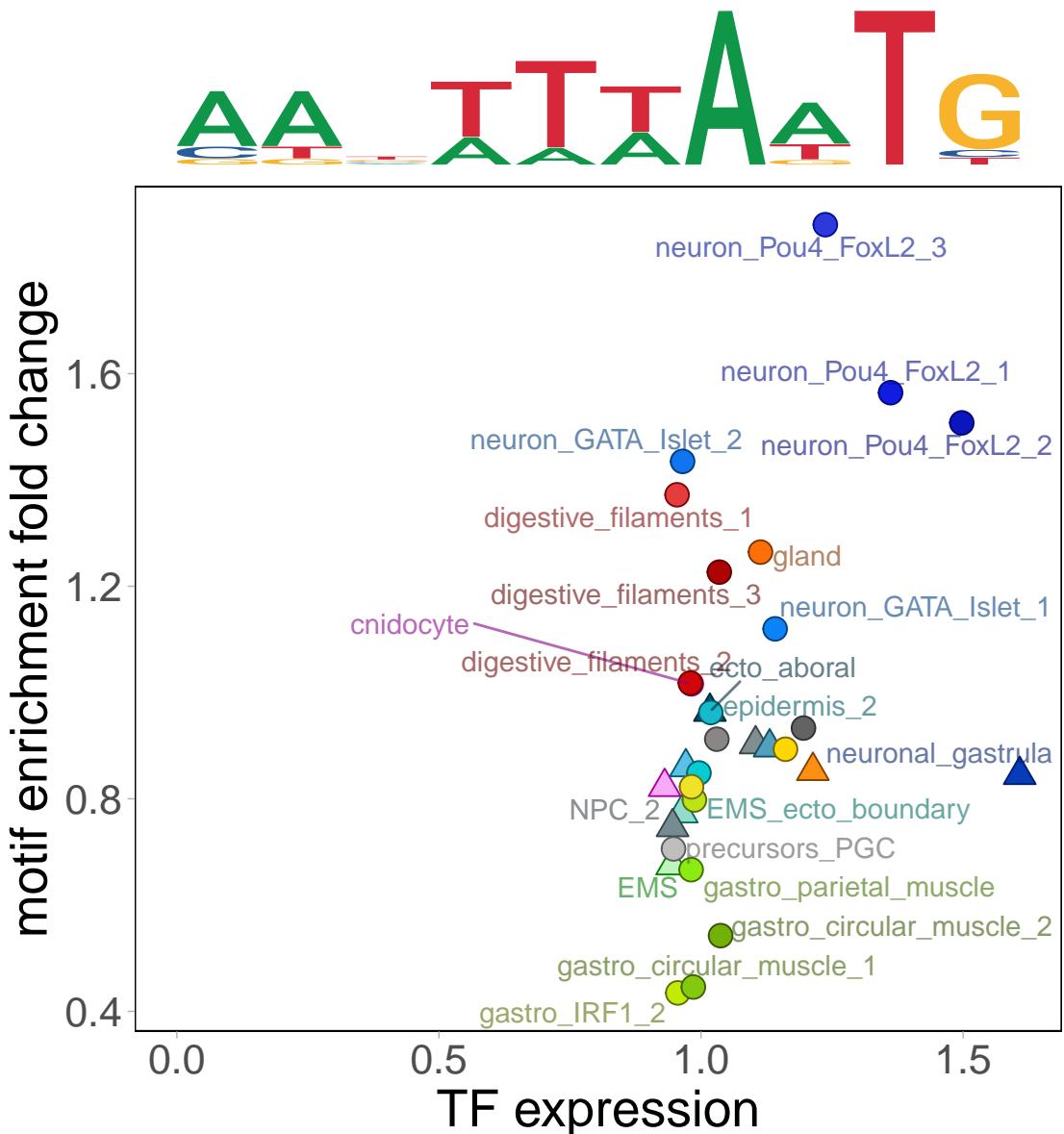
Nvec_vc1.1_XM_001631543.3
OG: bZIP.HG1.15:CREB3/CREB3L1/C
PFAM: bZIP_1
motif: ARCH1620_Atf3/Jdp2_Creb3l2/..
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 93
gene expression correlation: 0.0961
gene score correlation: 0.1156



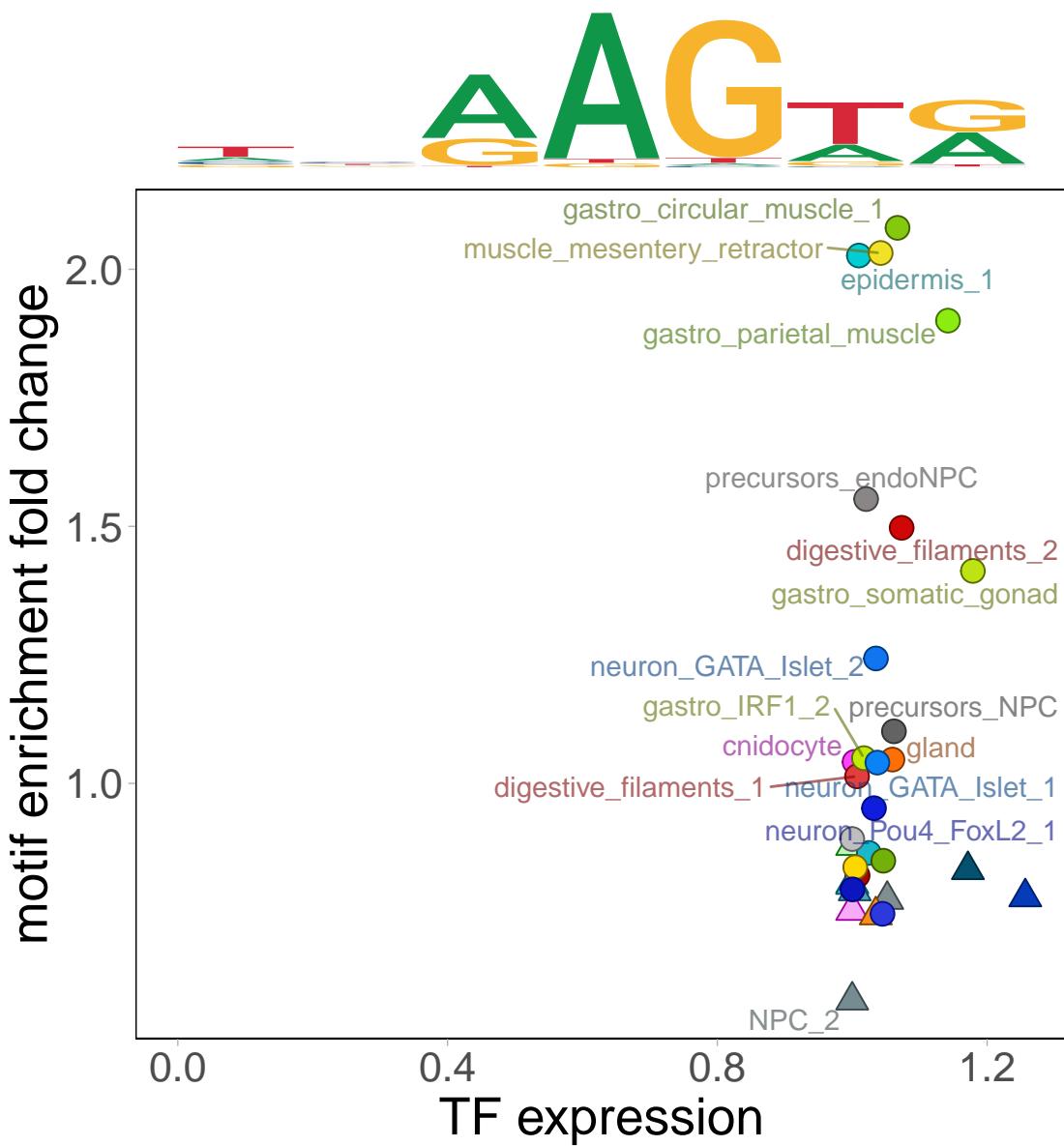
Nvec_vc1.1_XM_001631607.3
OG: SMAD_MH1.HG1.5:like:SMAD1/SM
PFAM: MH1/MH2
motif: ARCH733_Smad2/Smad3_Smad
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 125
gene expression correlation: -0.0609
gene score correlation: 0.0394



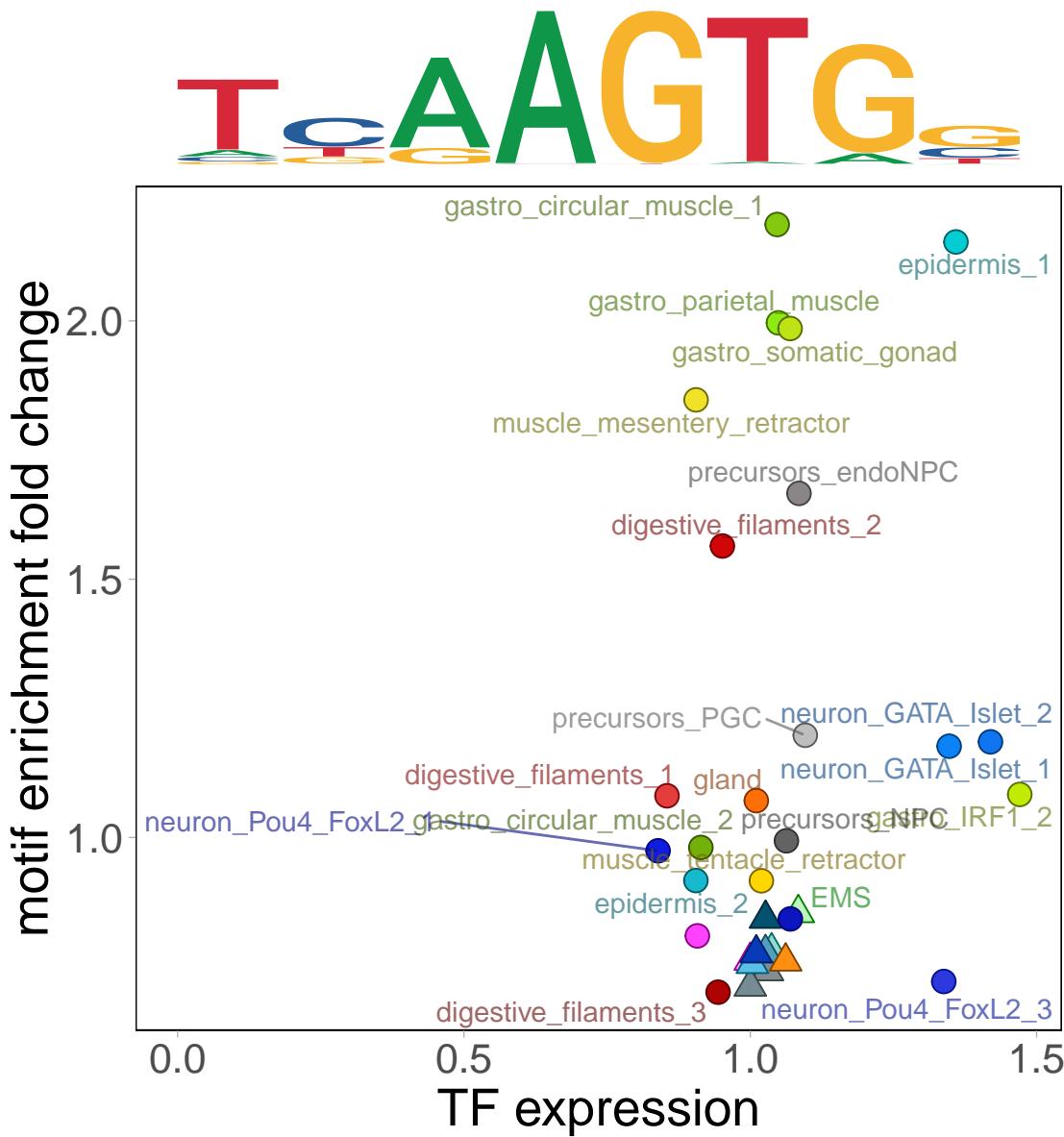
Nvec_vc1.1_XM_001631673.3
OG: Homeodomains.HG2.20:LHX1/LHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.4268
gene score correlation: 0.6269



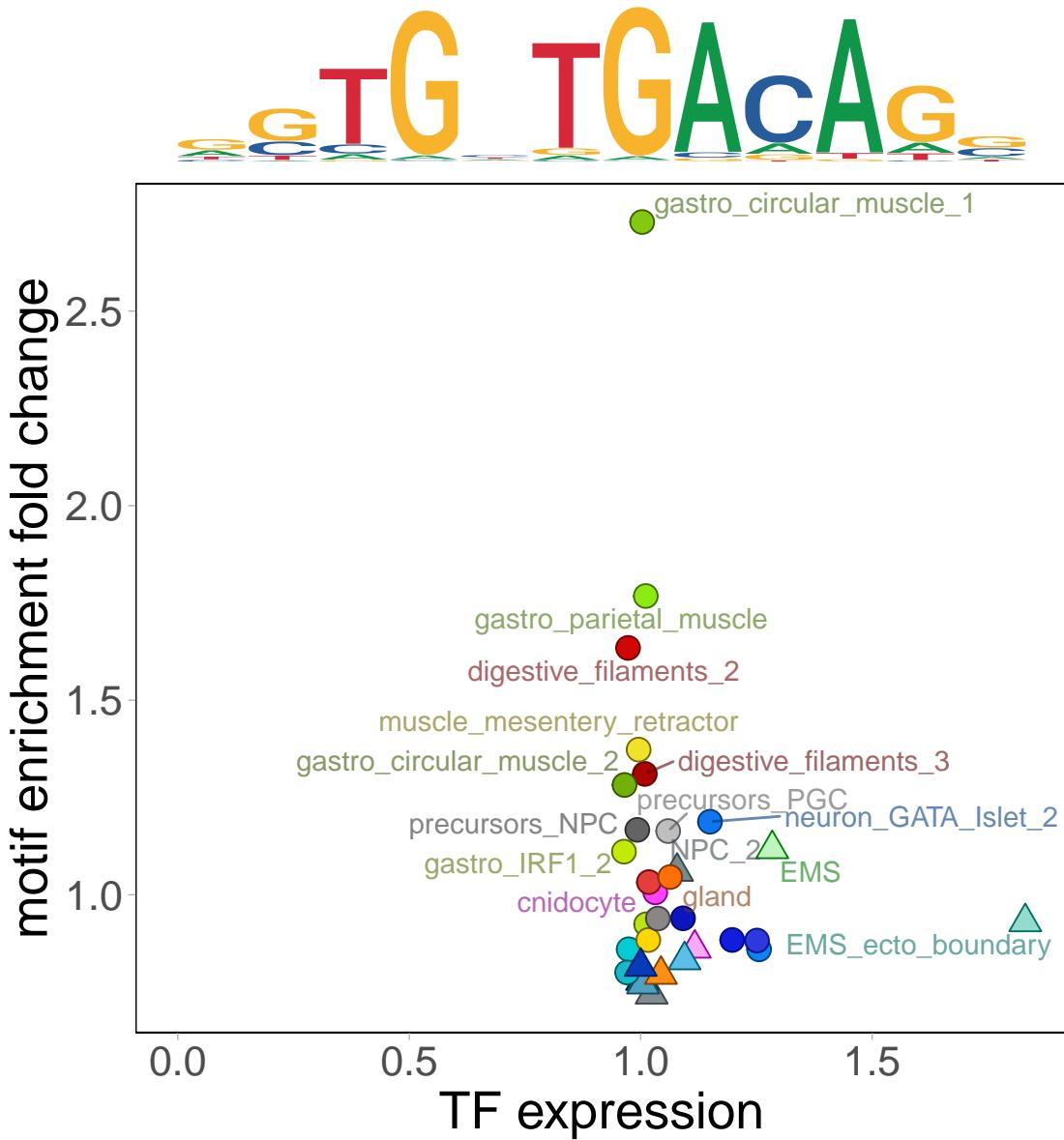
Nvec_vc1.1_XM_001632367.3
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: ARCH167_Nanog
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1885
gene score correlation: 0.3422



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: 0.1655
gene score correlation: 0.7136



Nvec_vc1.1_XM_001632824.3
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: 10
gene expression correlation: -0.1694
gene score correlation: 0.3091



Nvec_vc1.1_XM_001632826.3

OG: HLH.HG1.67:HAND1/HAND2

PFAM: HLH

motif: ARCH1068_bHLH122

TF family: HLH

archetype family: HLH

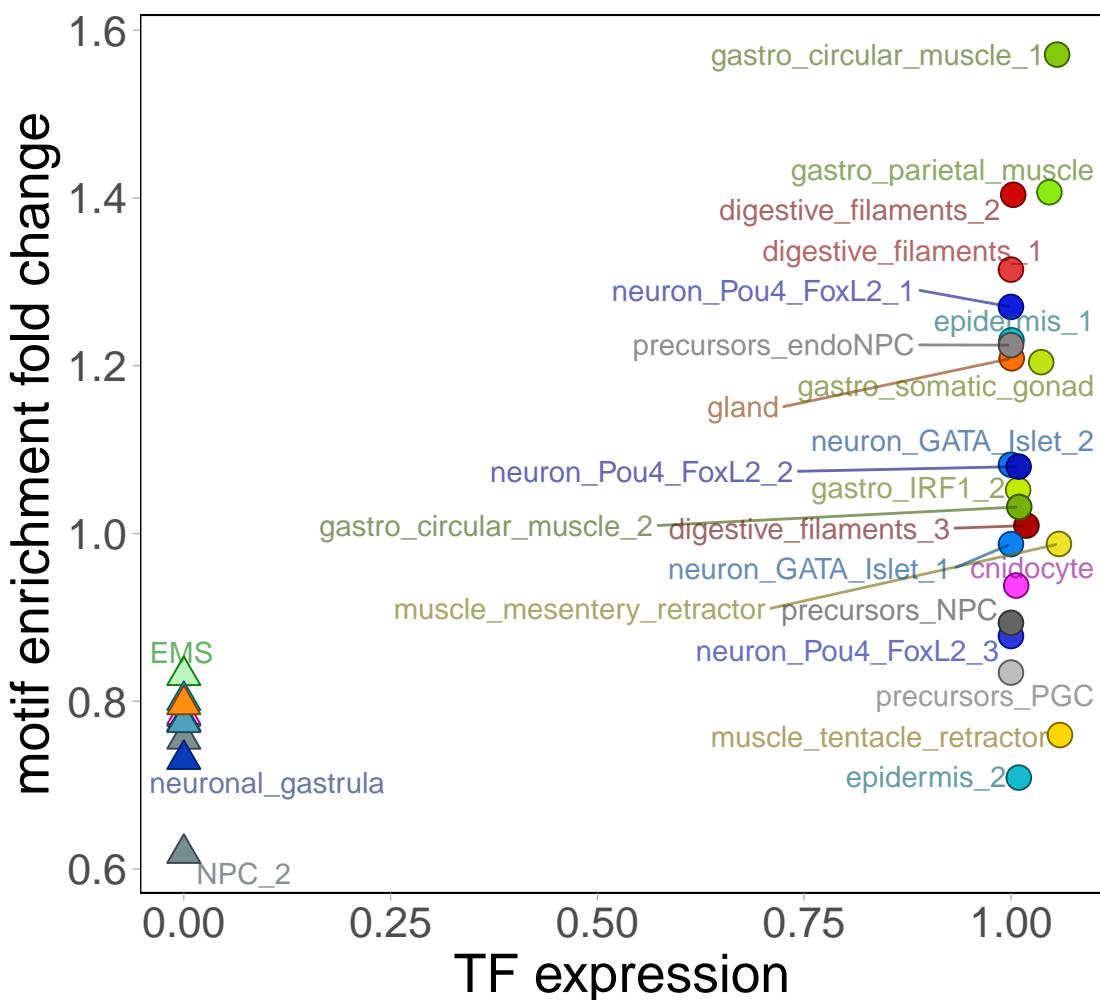
CisBP assigned: FALSE

rank: 138

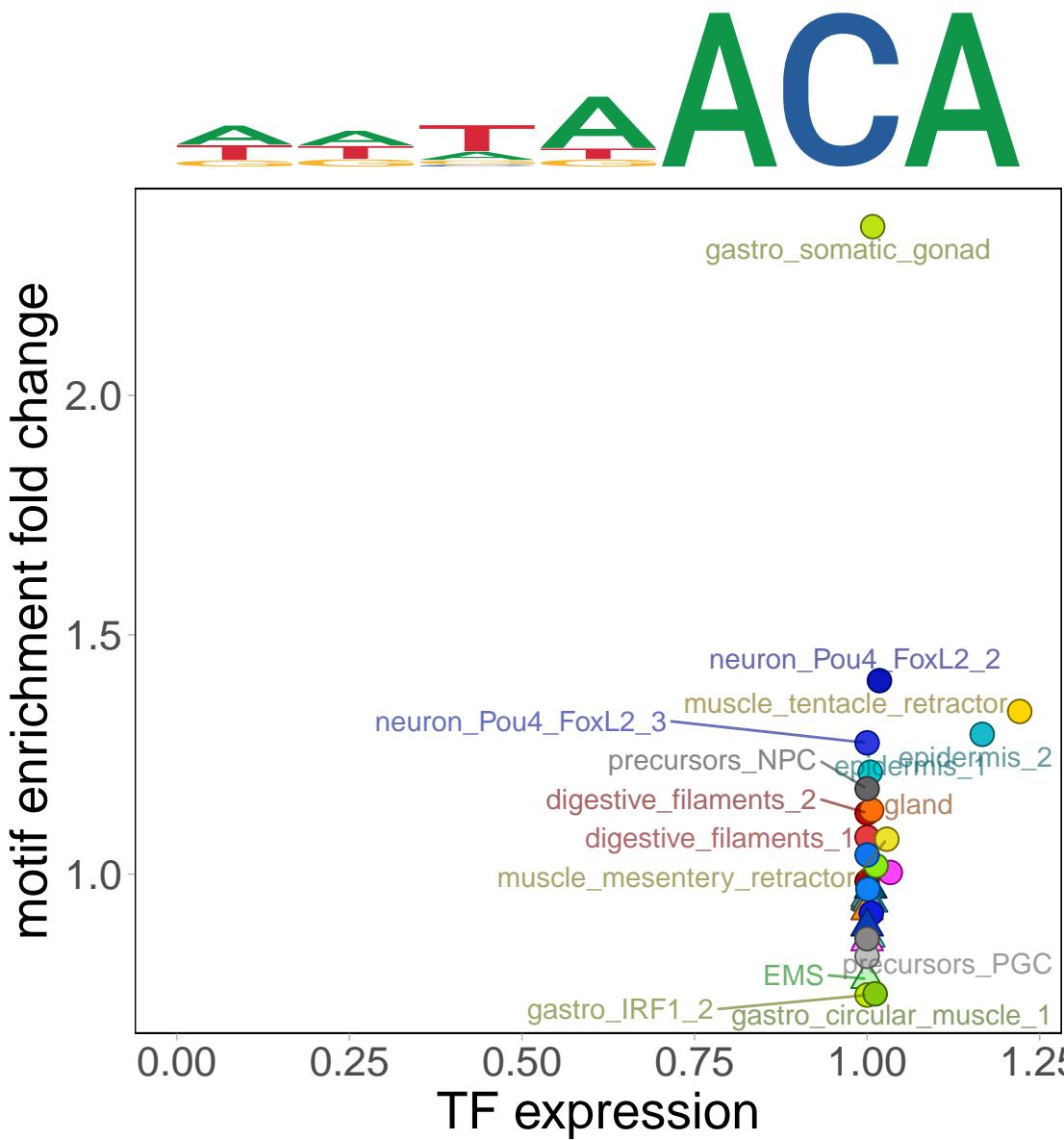
gene expression correlation: 0.6447

gene score correlation: 0.1999

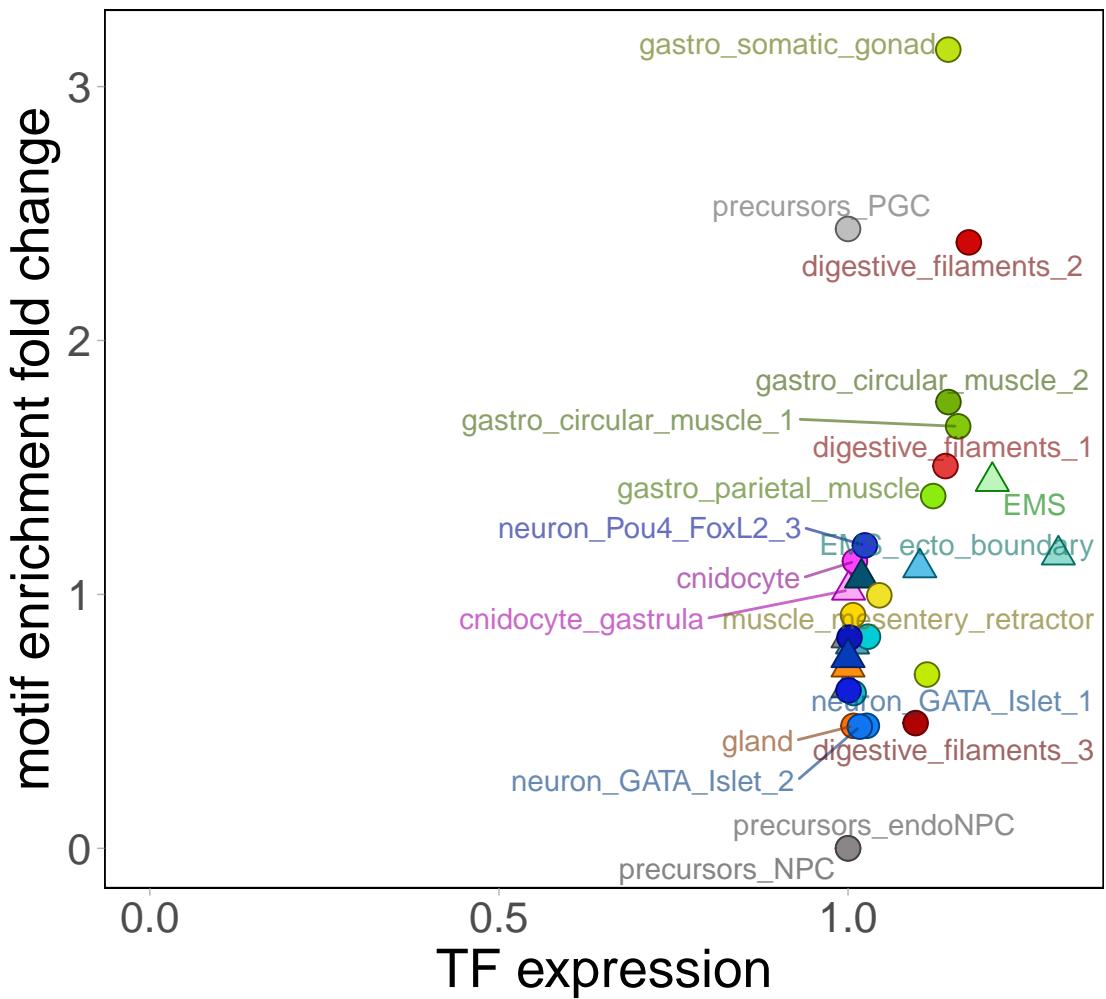
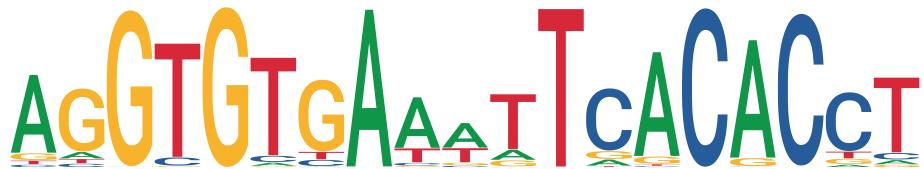
CAA_GTTG



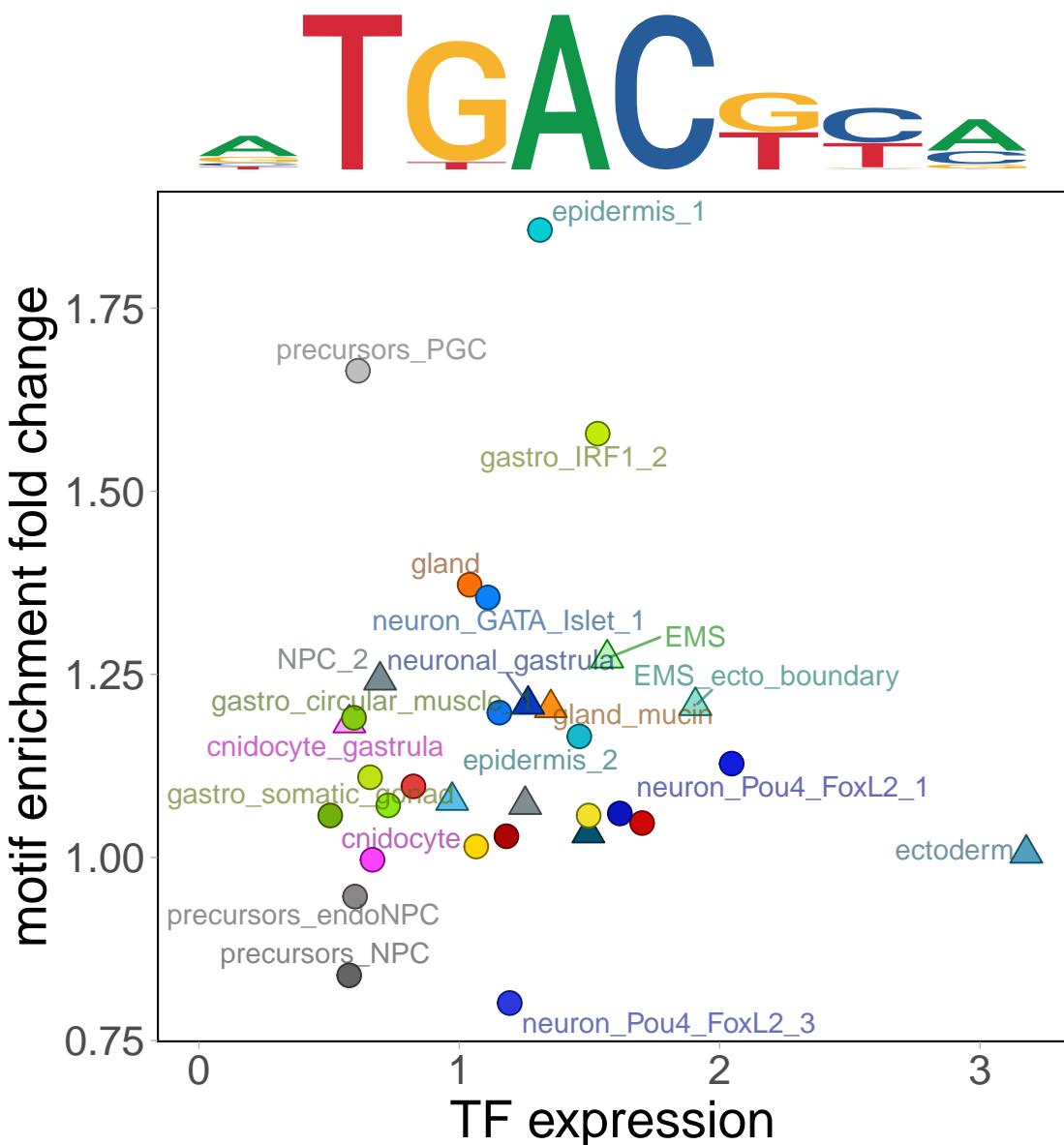
Nvec_vc1.1_XM_001632929.3
OG: Homeodomains.HG2.41:SHOX/S
PFAM: Homeodomain
motif: ARCH1052_Irx6
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 129
gene expression correlation: 0.2690
gene score correlation: 0.2556



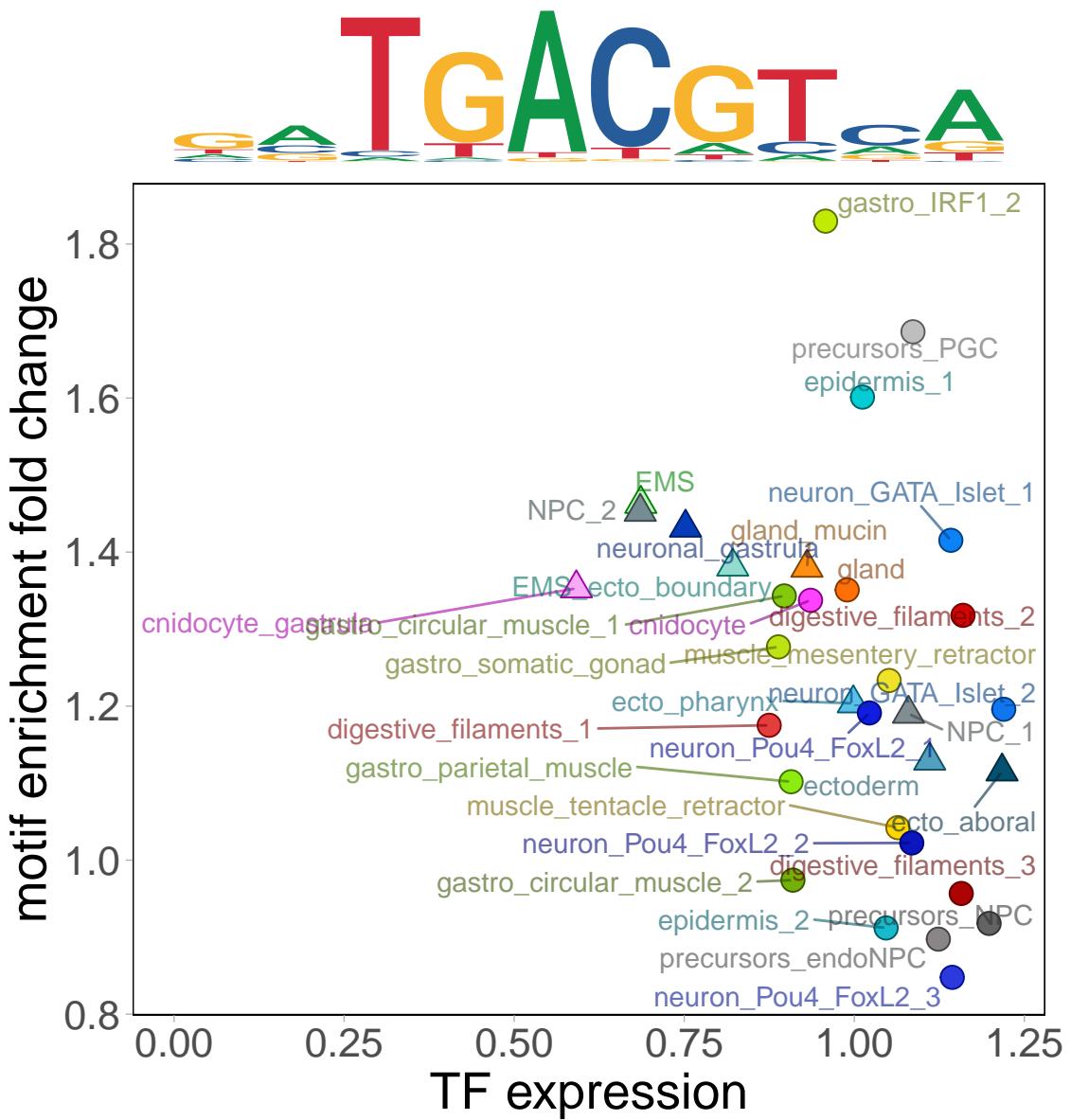
Nvec_vc1.1_XM_001633156.3
OG: T-box.HG1.1:like:MGA/TBX1/TBX2
PFAM: T-box
motif: ARCH839_Tbx10/Tbx1_Tbx18/Tbx20
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 120
gene expression correlation: 0.5036
gene score correlation: 0.2547



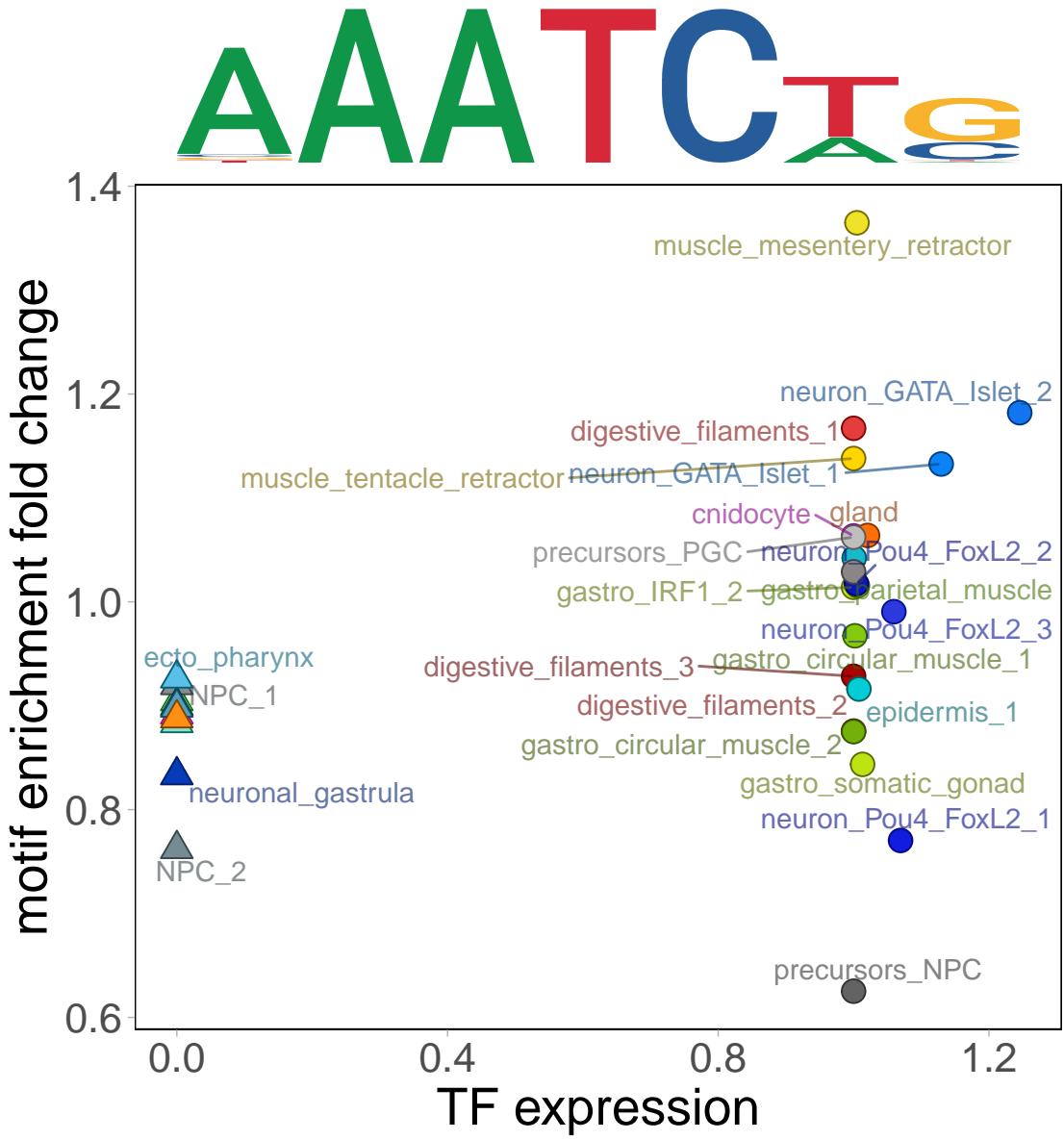
Nvec_vc1.1_XM_001633273.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH1611_Fos/Fosb/Fosl1/Fosl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 1
gene expression correlation: -0.0012
gene score correlation: 0.1497



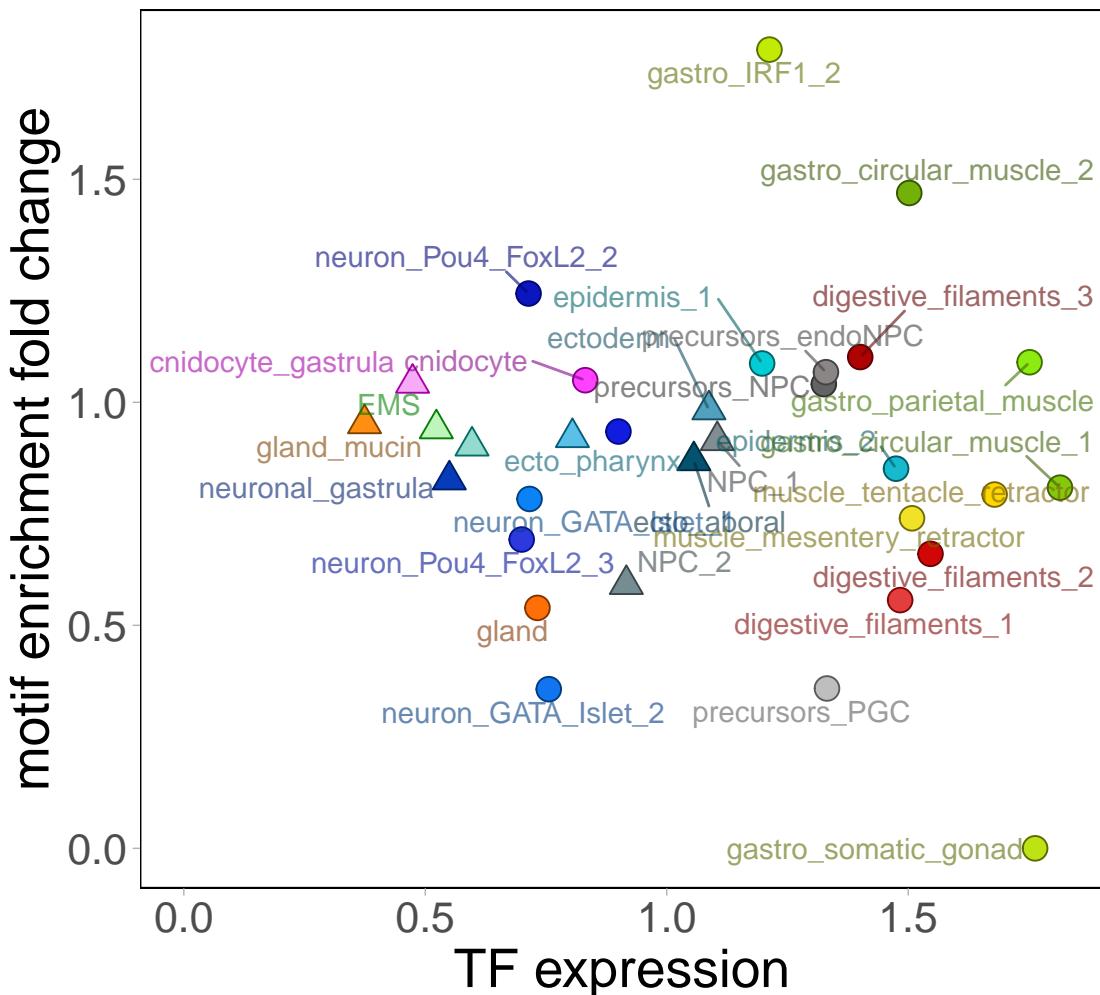
Nvec_vc1.1_XM_001633393.3
OG: bZIP.HG1.18:ATF1/CREB1/CREM
PFAM: pKID/bZIP_1
motif: ARCH1608_Atf3/Jdp2_Crem/Cre.
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 280
gene expression correlation: -0.4215
gene score correlation: 0.2102



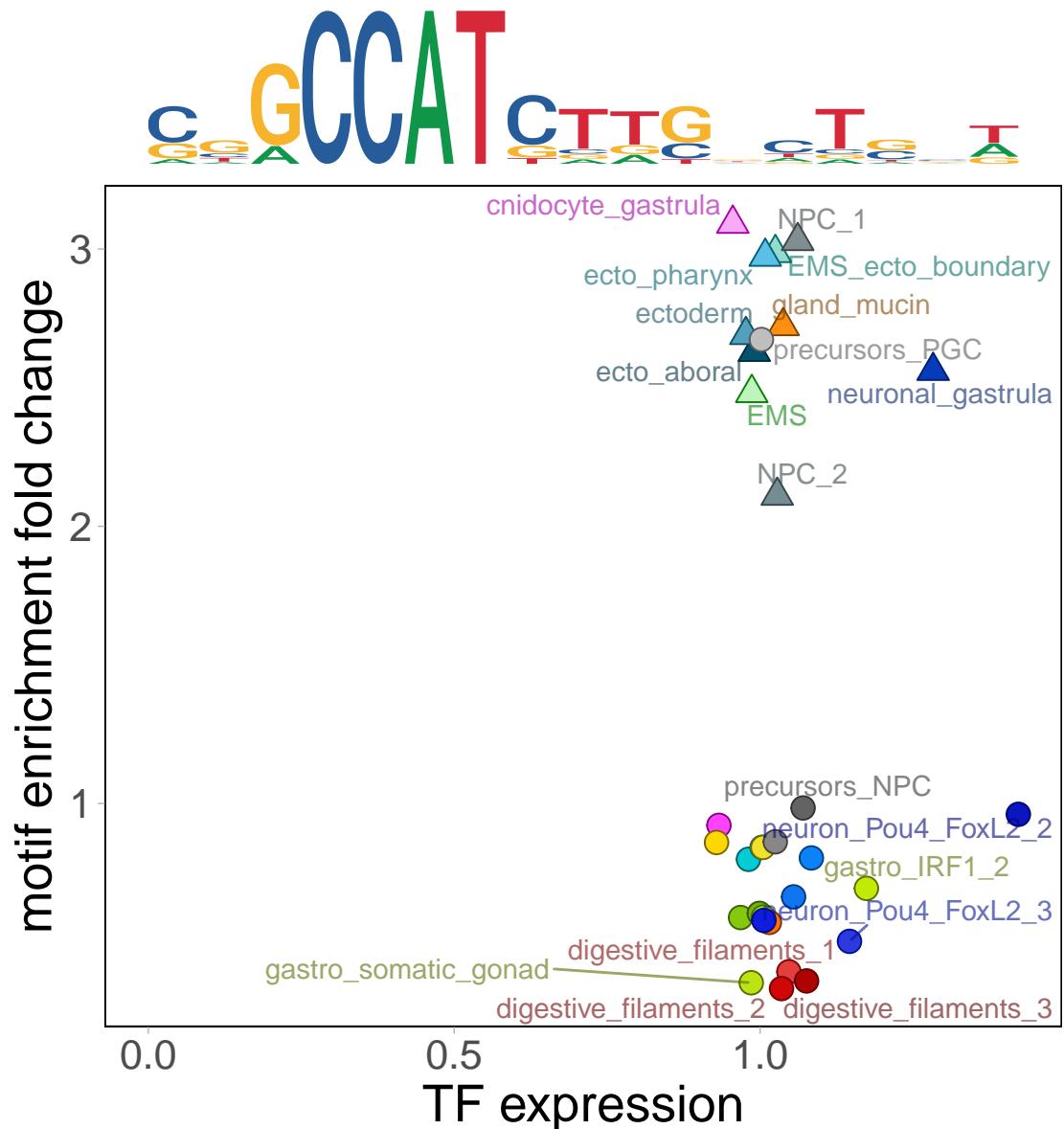
Nvec_vc1.1_XM_001633398.3
OG: zf-C2H2.HG19.1:PRDM14
PFAM: zf-H2C2_2/zf-C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 208
gene expression correlation: 0.4240
gene score correlation: 0.1823



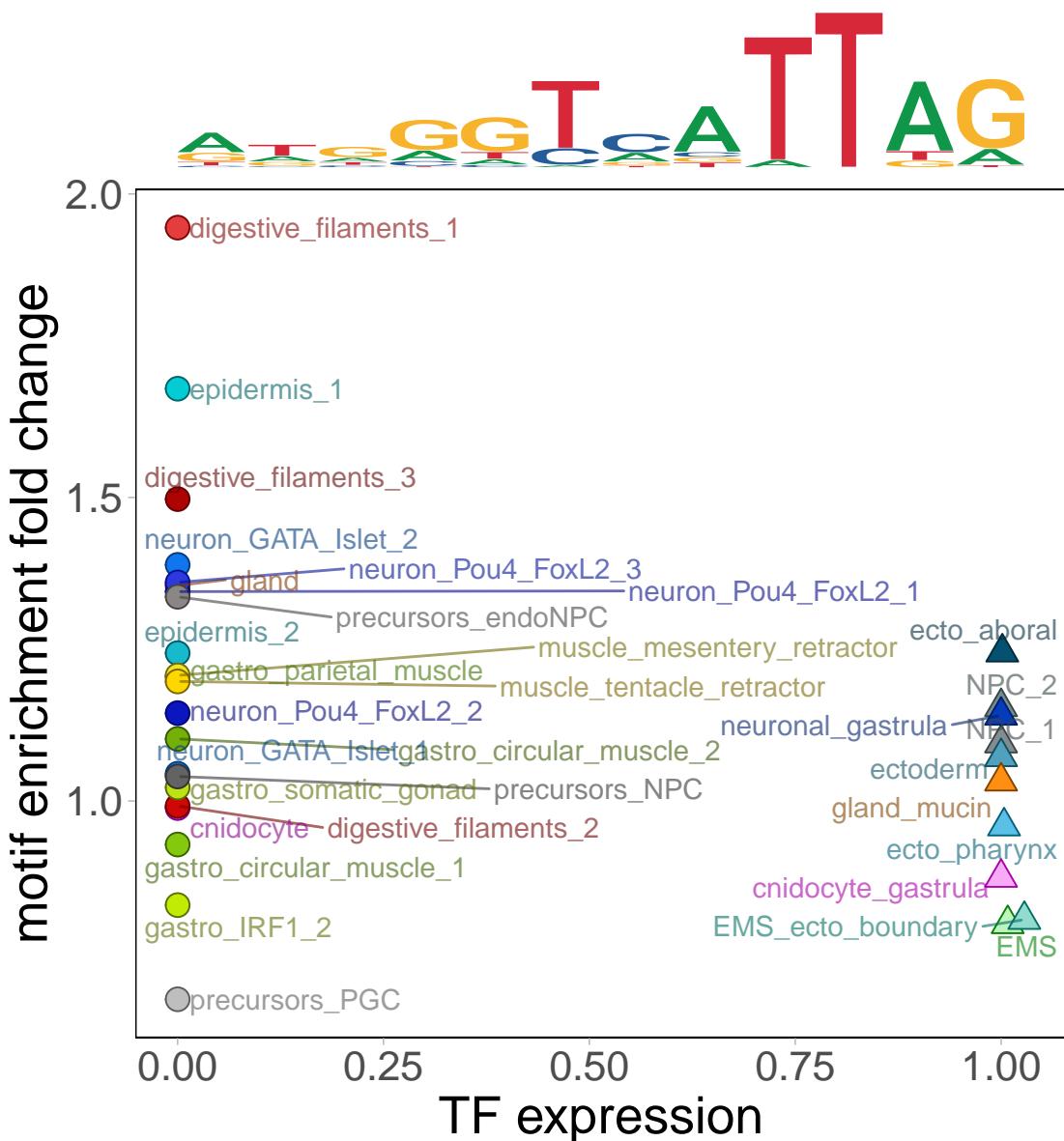
Nvec_vc1.1_XM_001633482.3
OG: CSD.HG1.6:YBX1/YBX2/YBX3
PFAM: CSD
motif: ARCH465_M03713_2.00
TF family: CSD
archetype family: CSD
CisBP assigned: FALSE
rank: 171
gene expression correlation: -0.0844
gene score correlation: 0.0101



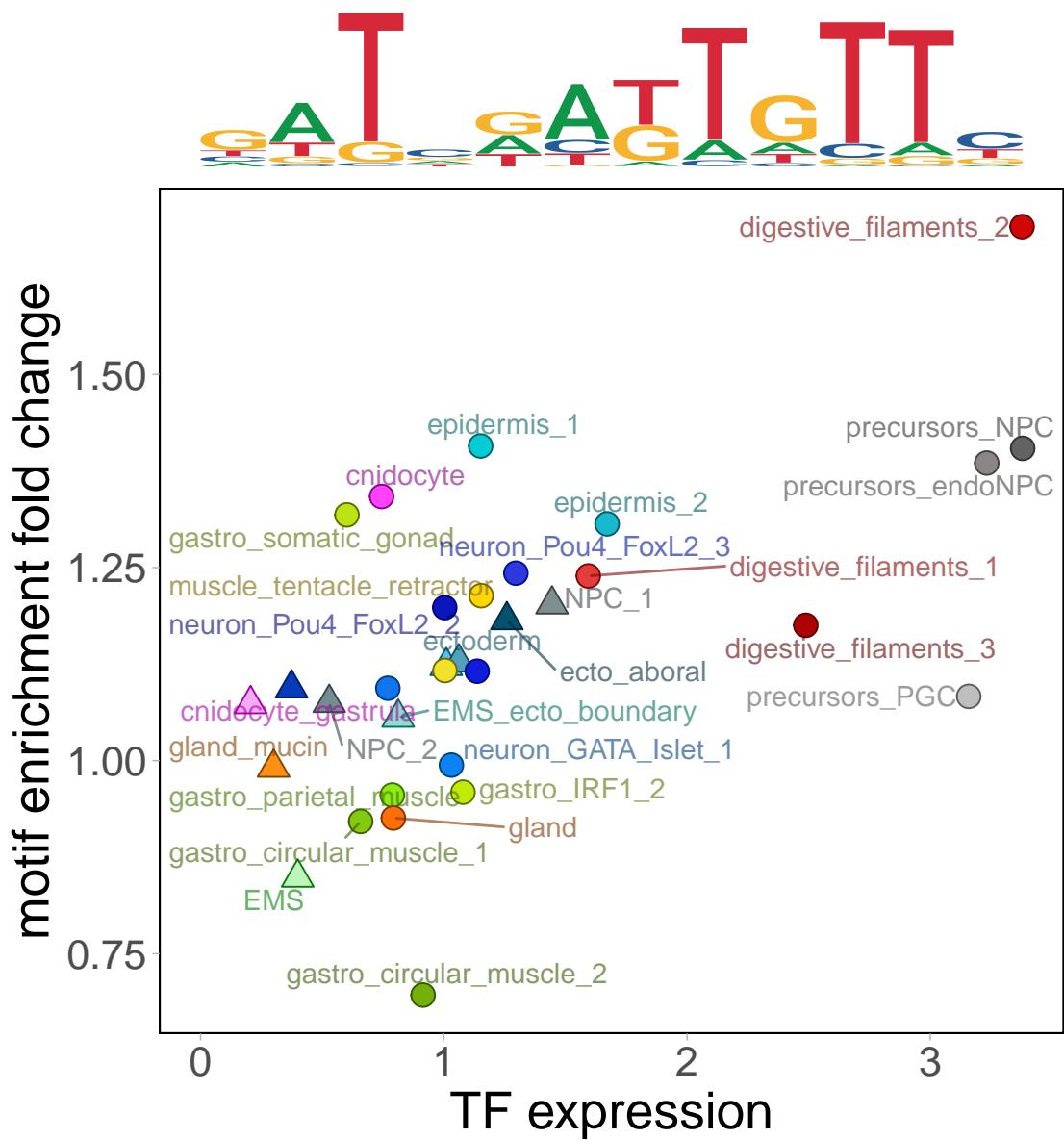
Nvec_vc1.1_XM_001633508.3
OG: zf-C2H2.HG1.3:ZBTB3
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH523_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: -0.0596
gene score correlation: -0.1541



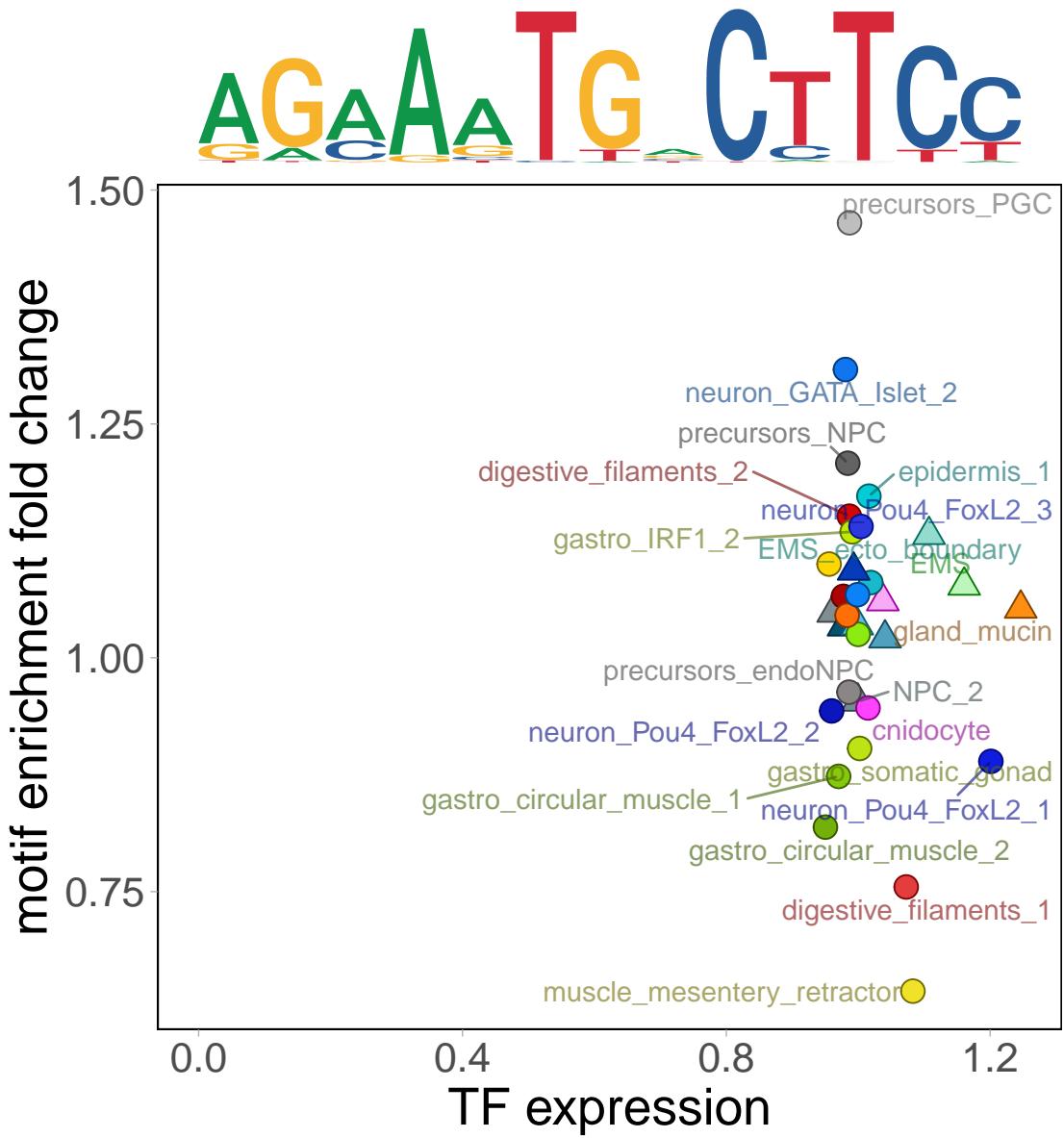
Nvec_vc1.1_XM_001633541.3
OG: Homeodomains.HG3.5:like:IRX1/IR
PFAM: SIX1_SD/Homeobox_KN
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 57
gene expression correlation: -0.3401
gene score correlation: -0.3414



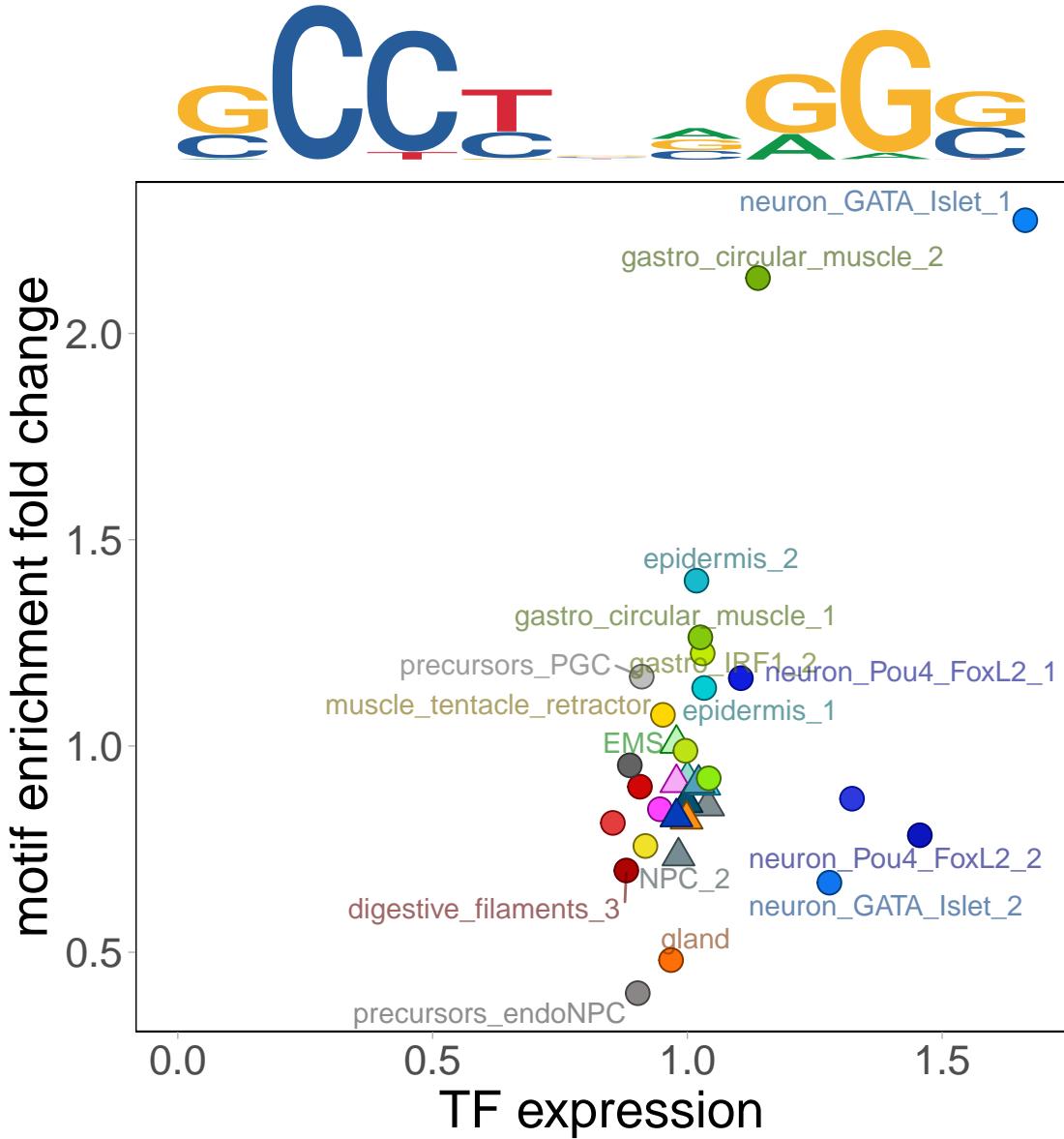
Nvec_vc1.1_XM_001633762.3
OG: HMGbox_Sox.HG1.37:like:SSRP1
PFAM: HMG_box/HMG_box
motif: ARCH1189_PB0074.1_Sox8_1
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 58
gene expression correlation: 0.5907
gene score correlation: 0.6100



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: -0.1806
gene score correlation: -0.0090



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: 0.4862
gene score correlation: 0.6081



Nvec_vc1.1_XM_001633901.3

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

PFAM: T-box

motif: ARCH484_Tbx3/Tbx2

TF family: T-box

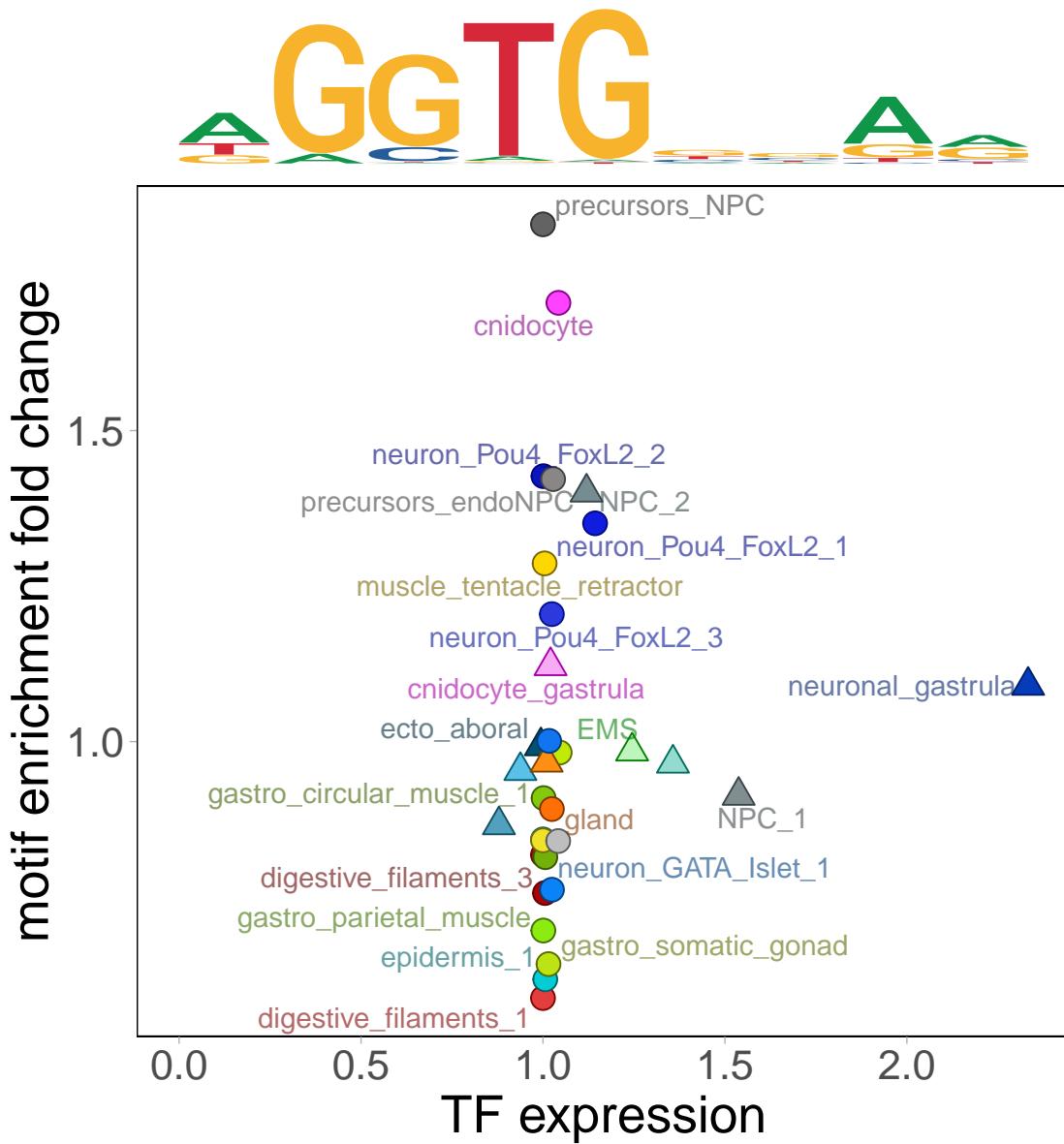
archetype family: T-box

CisBP assigned: TRUE

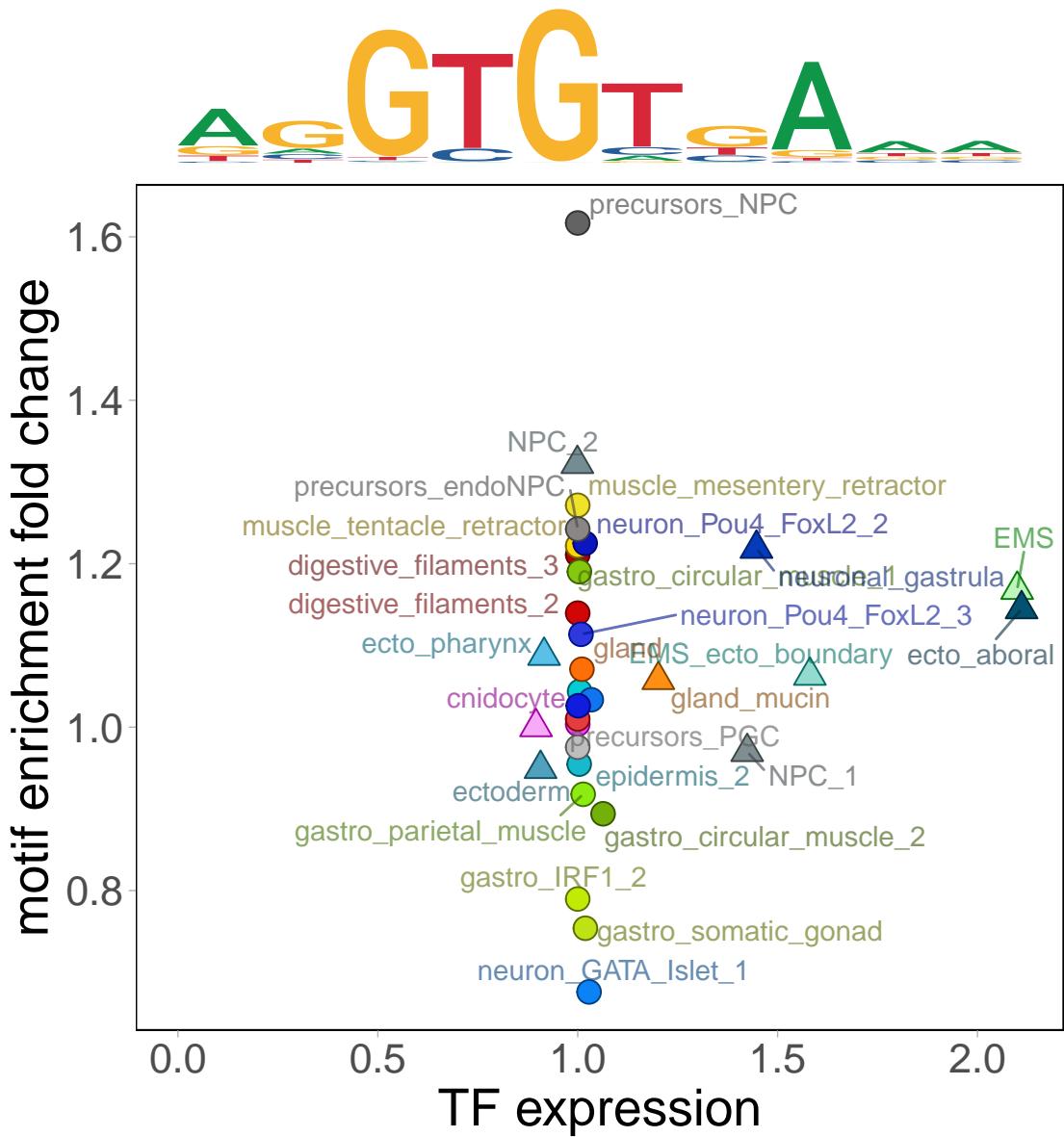
rank: 172

gene expression correlation: 0.0643

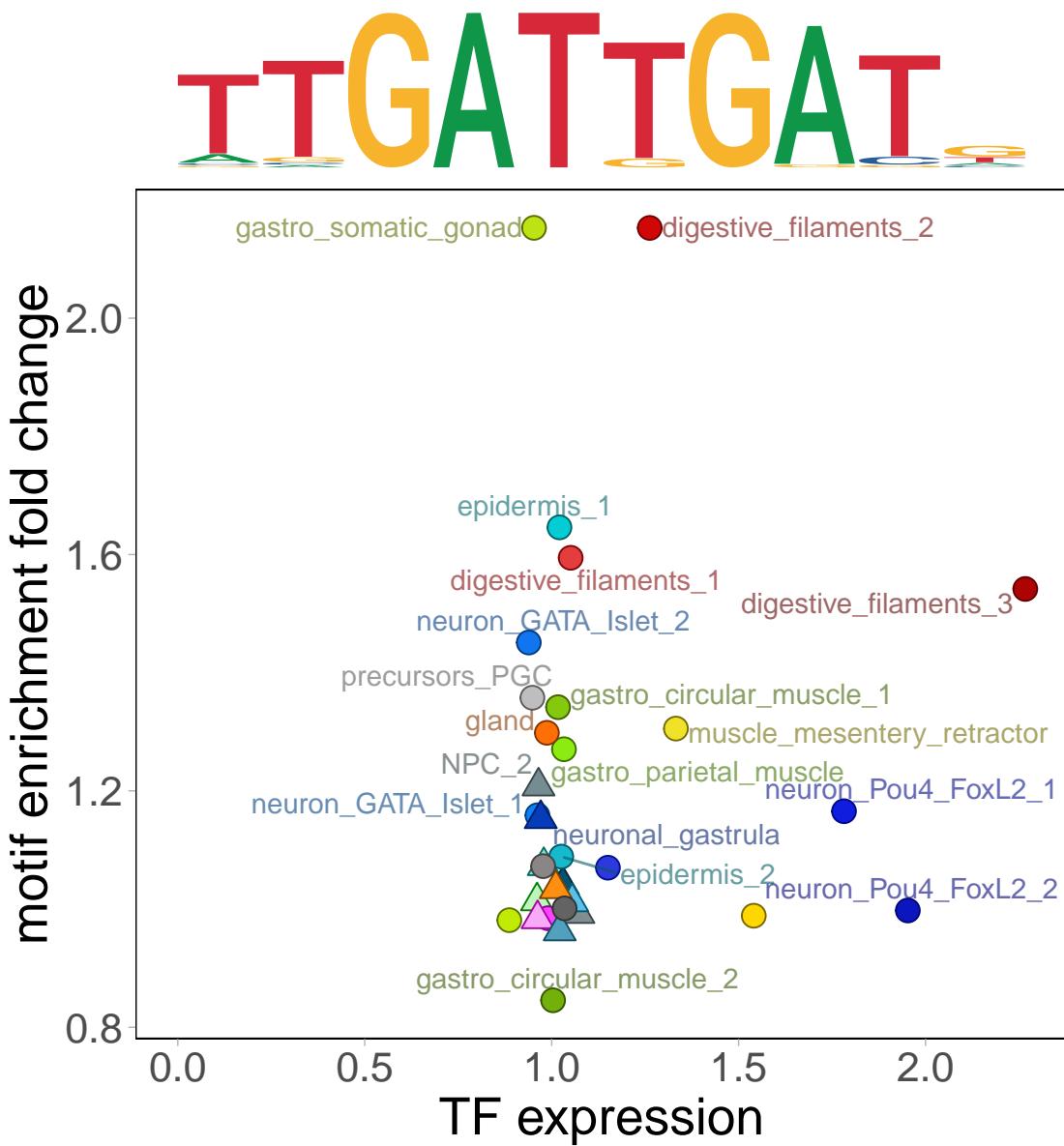
gene score correlation: 0.6627



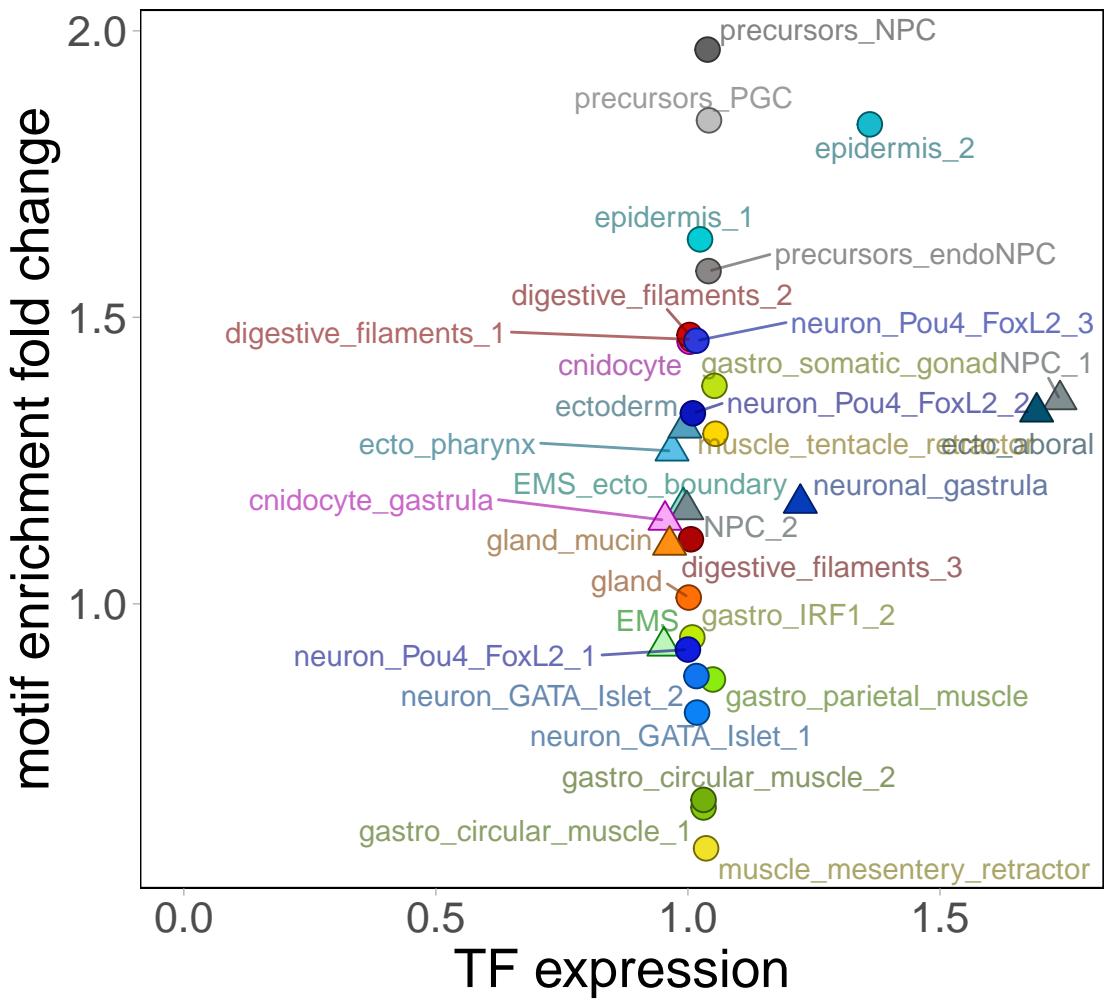
Nvec_vc1.1_XM_001633902.3
OG: T-box.HG1.12:TBX4/TBX5
PFAM: T-box
motif: ARCH837_Tbx10/Tbx1_Tbx18/Tbx20
TF family: T-box
archetype family: T-box
CisBP assigned: FALSE
rank: 63
gene expression correlation: 0.1084
gene score correlation: 0.1806



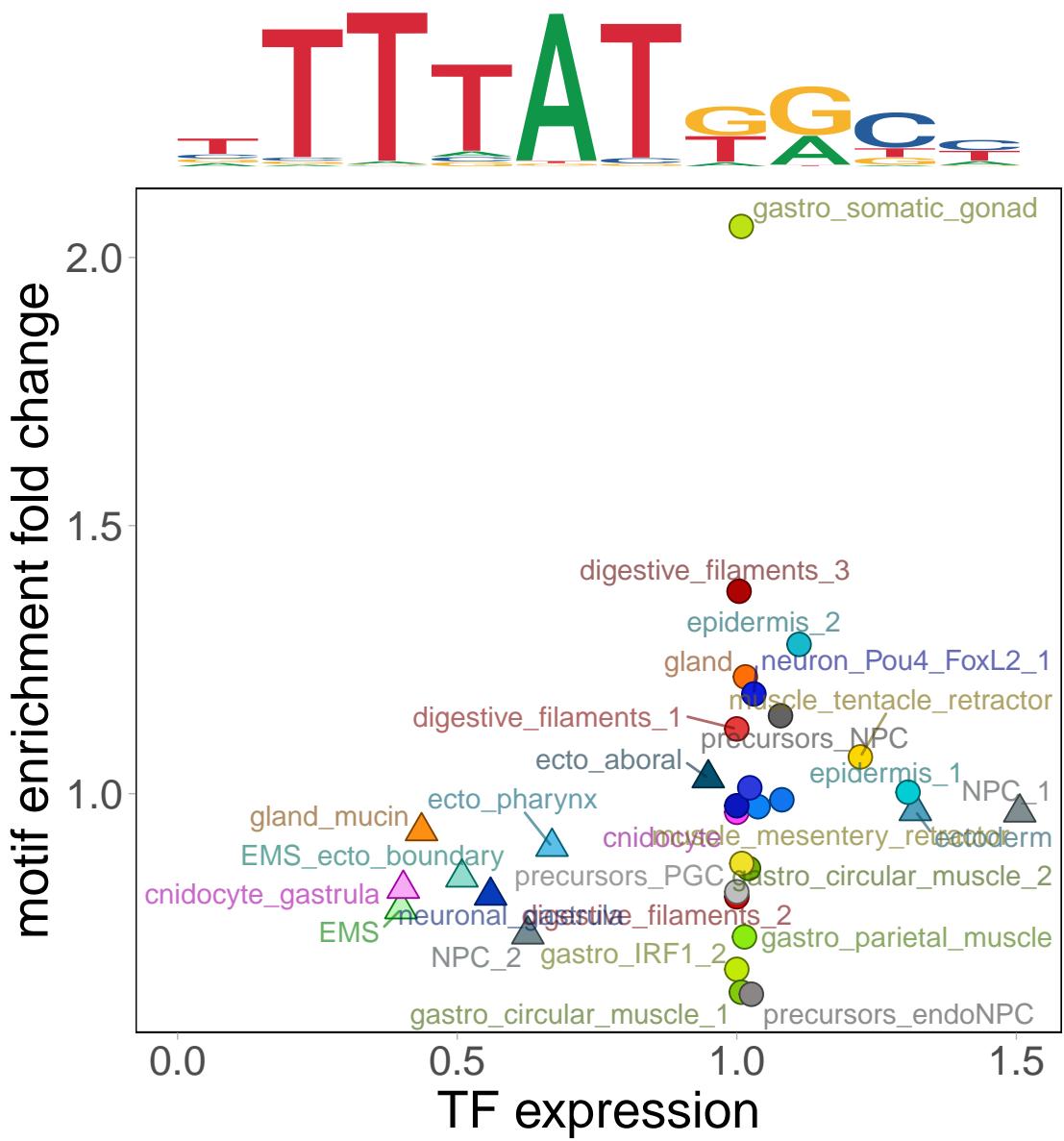
Nvec_vc1.1_XM_001633995.3
OG: Homeodomains.HG3.22:IRX1/IRX2
PFAM: Homeobox_KN
motif: ARCH126_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 35
gene expression correlation: 0.0841
gene score correlation: 0.2120



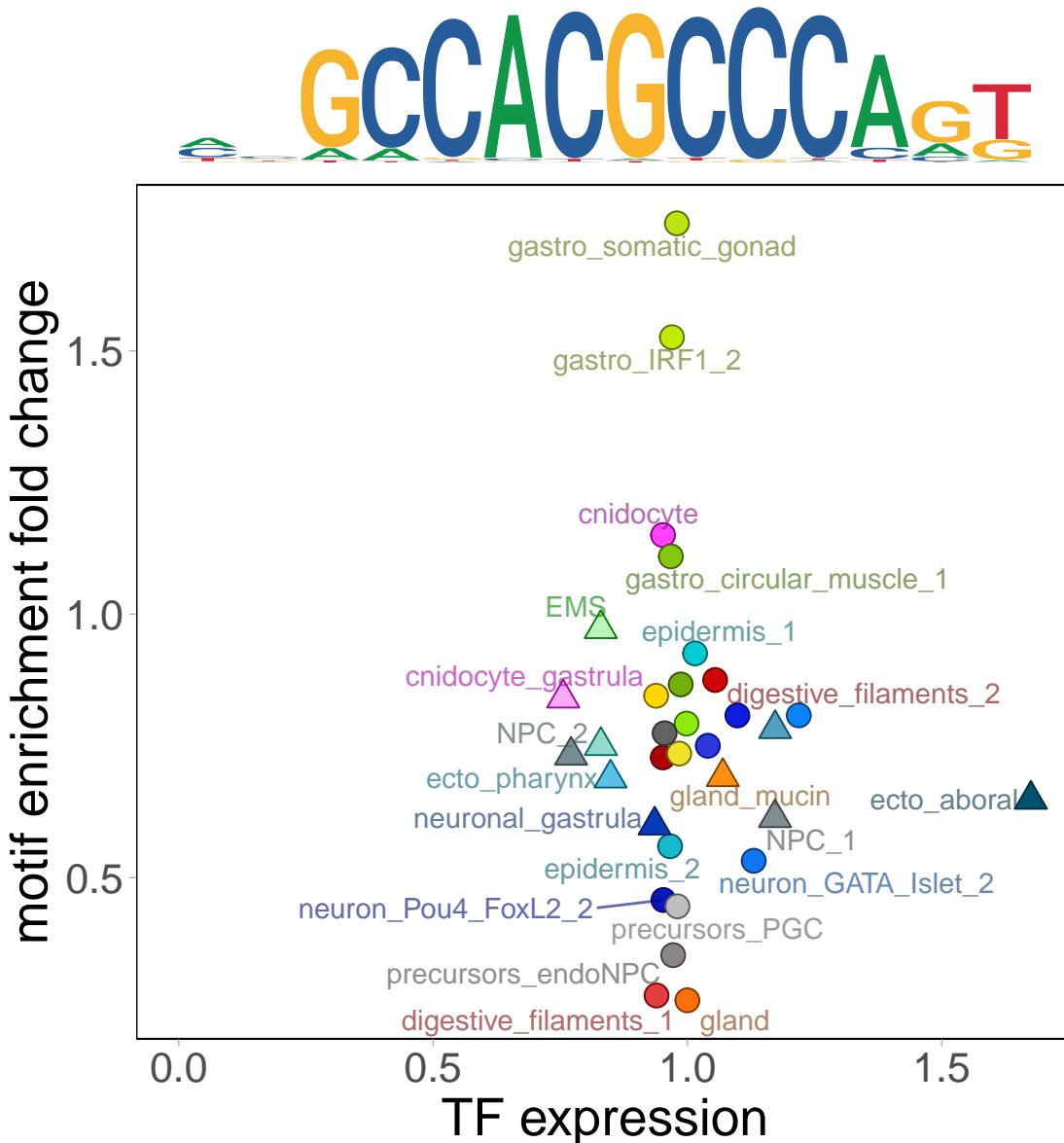
Nvec_vc1.1_XM_001634111.3
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.2094
gene score correlation: 0.5156



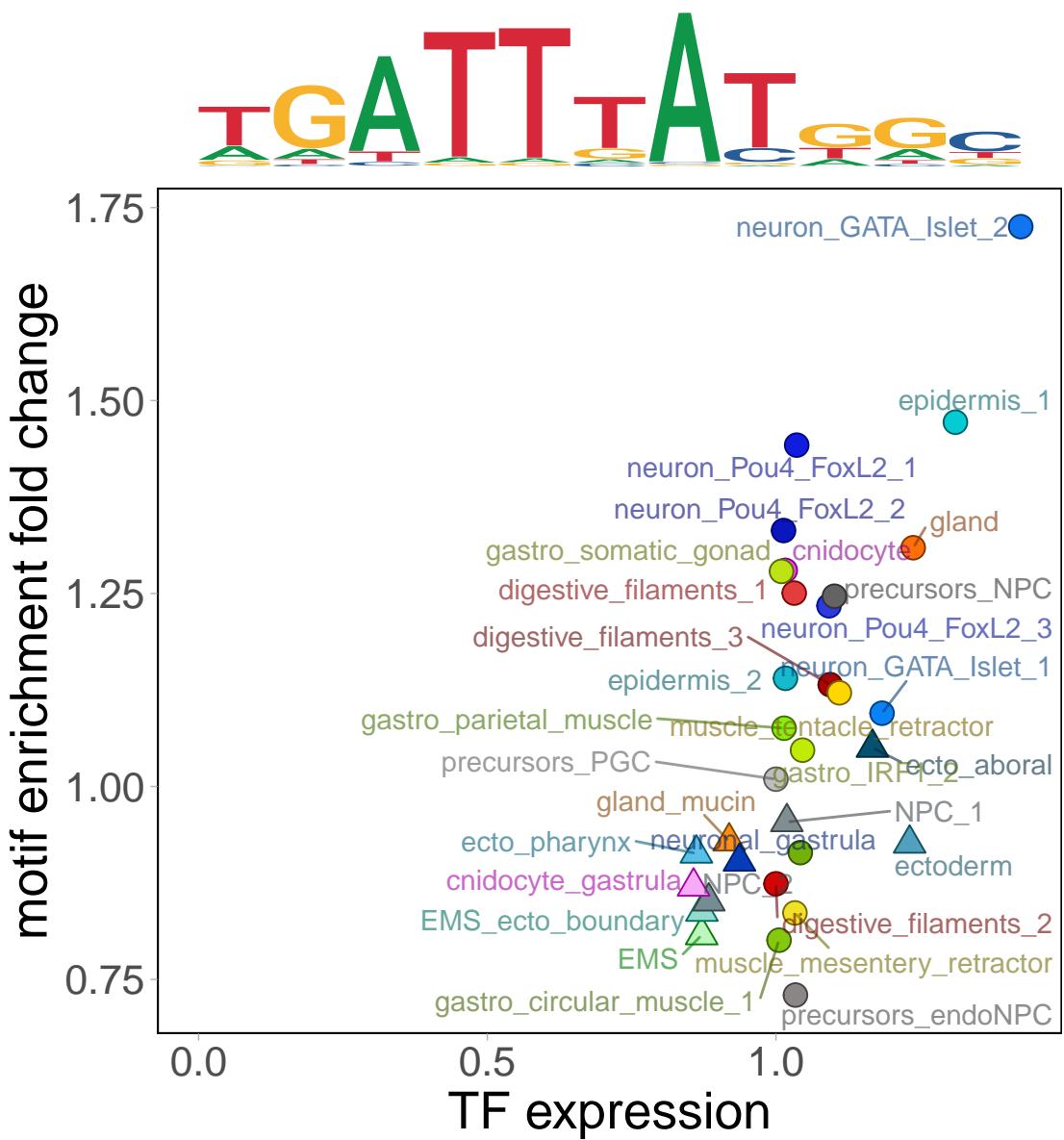
Nvec_vc1.1_XM_001634116.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
motif: ARCH1020_Alx3/Alx4/AIx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 97
gene expression correlation: 0.2501
gene score correlation: 0.2100



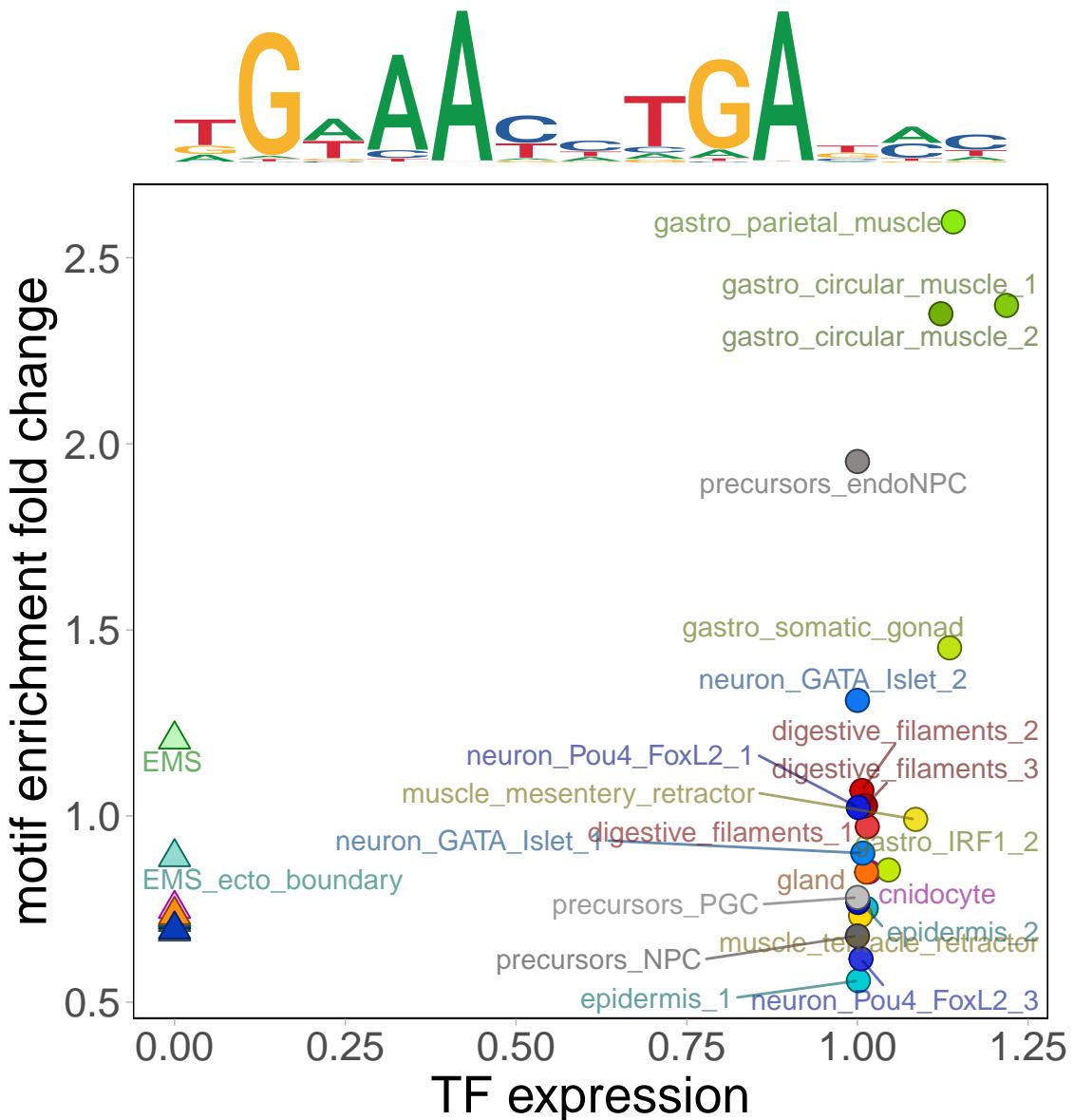
Nvec_vc1.1_XM_001634132.3
OG: zf-C2H2.HG2.14:SP1/SP2/SP3/SP4
PFAM: zf-C2H2/zf-C2H2
motif: ARCH405_Sp6/Sp5_Sp7/Sp8/Sp9
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 860
gene expression correlation: -0.0945
gene score correlation: -0.0740



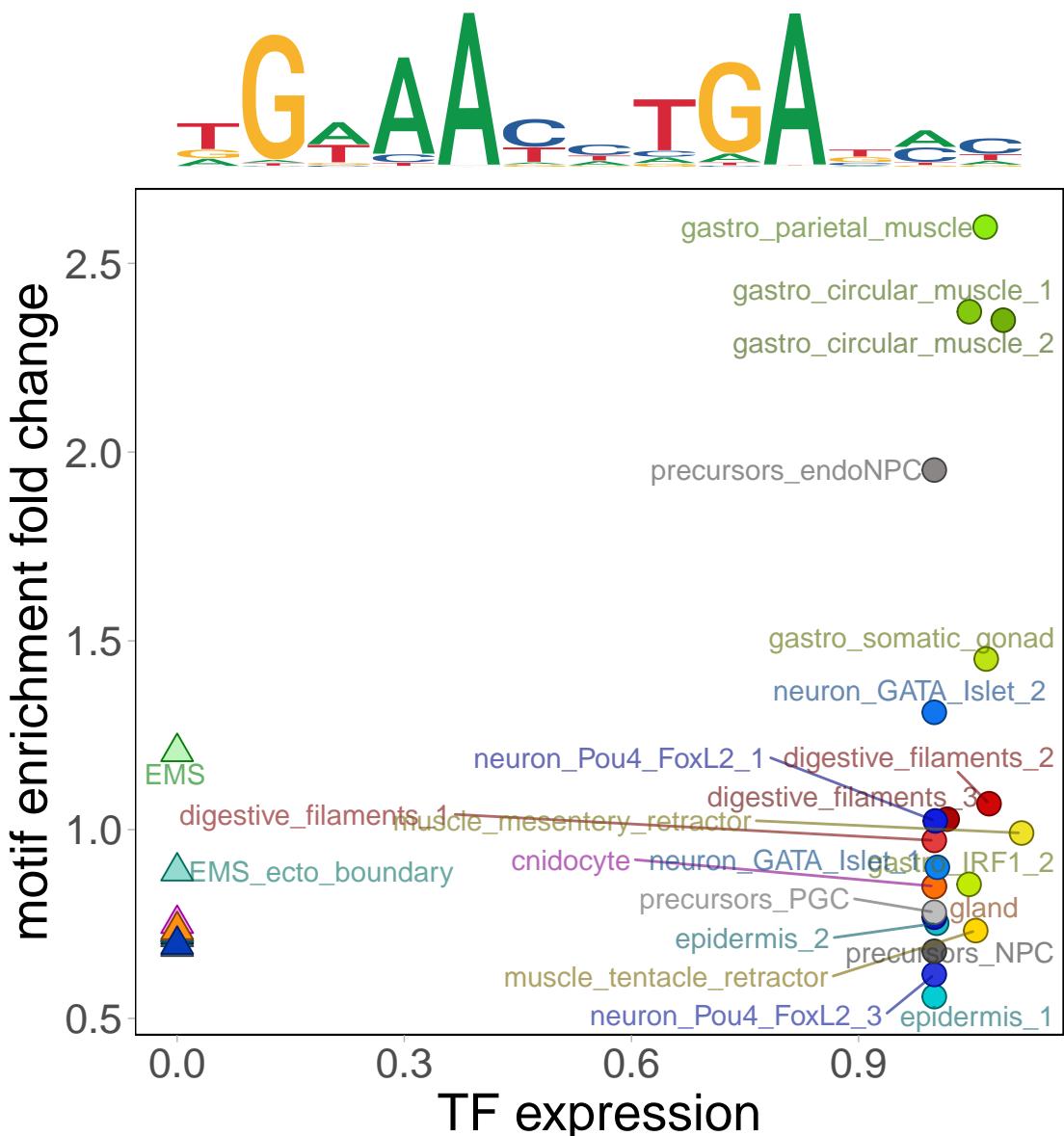
Nvec_vc1.1_XM_001634160.3
OG: Homeodomains.HG2.57:RAX/RAX
PFAM: Homeodomain/OAR
motif: ARCH1028_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 20
gene expression correlation: 0.6661
gene score correlation: 0.4684



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: 0.3986
gene score correlation: 0.7450



Nvec_vc1.1_XM_001634199.3
OG: Homeodomains.HG1.70:HOXA2/H
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3531
gene score correlation: 0.7542



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

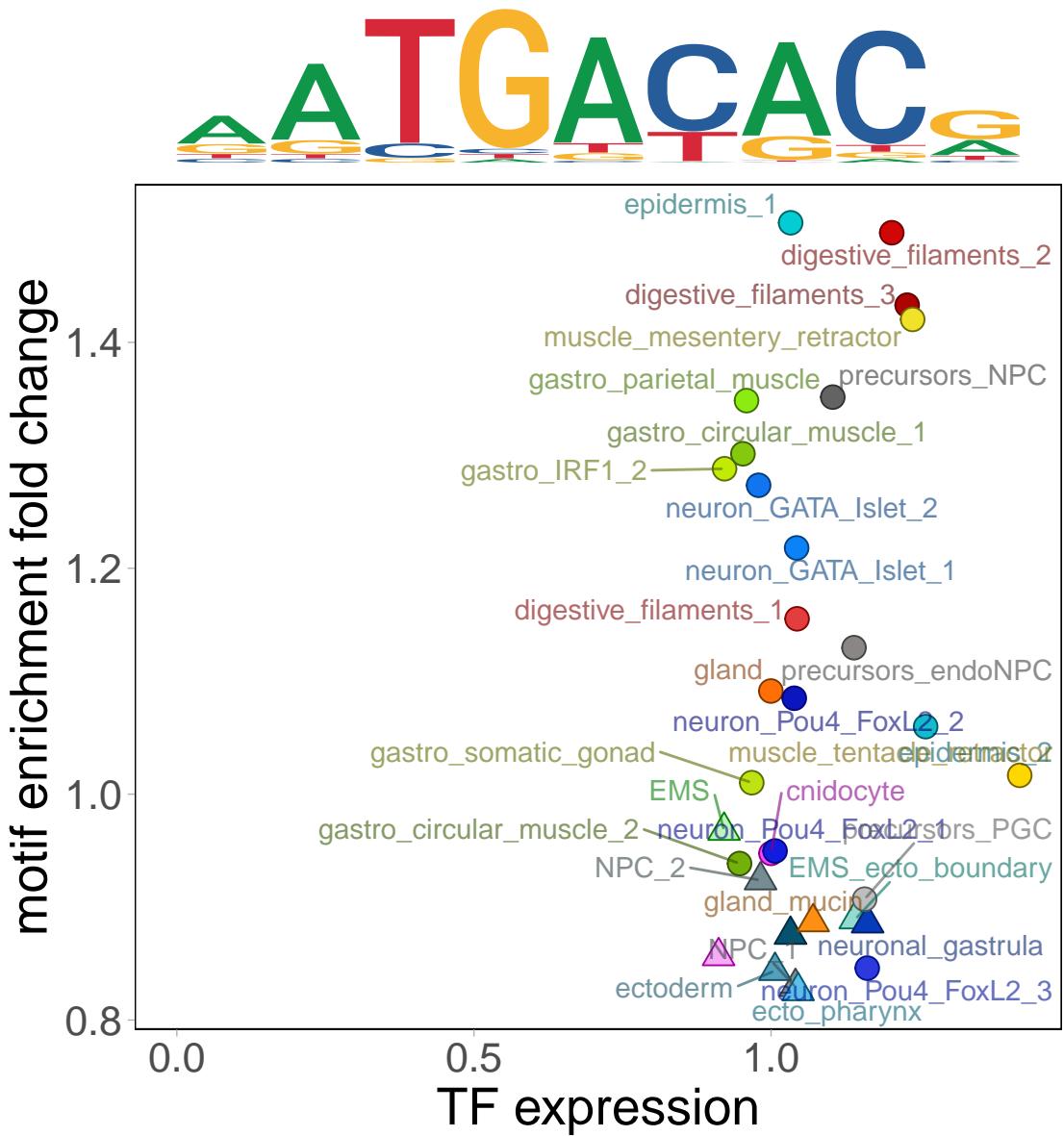
archetype family: bZIP

CisBP assigned: FALSE

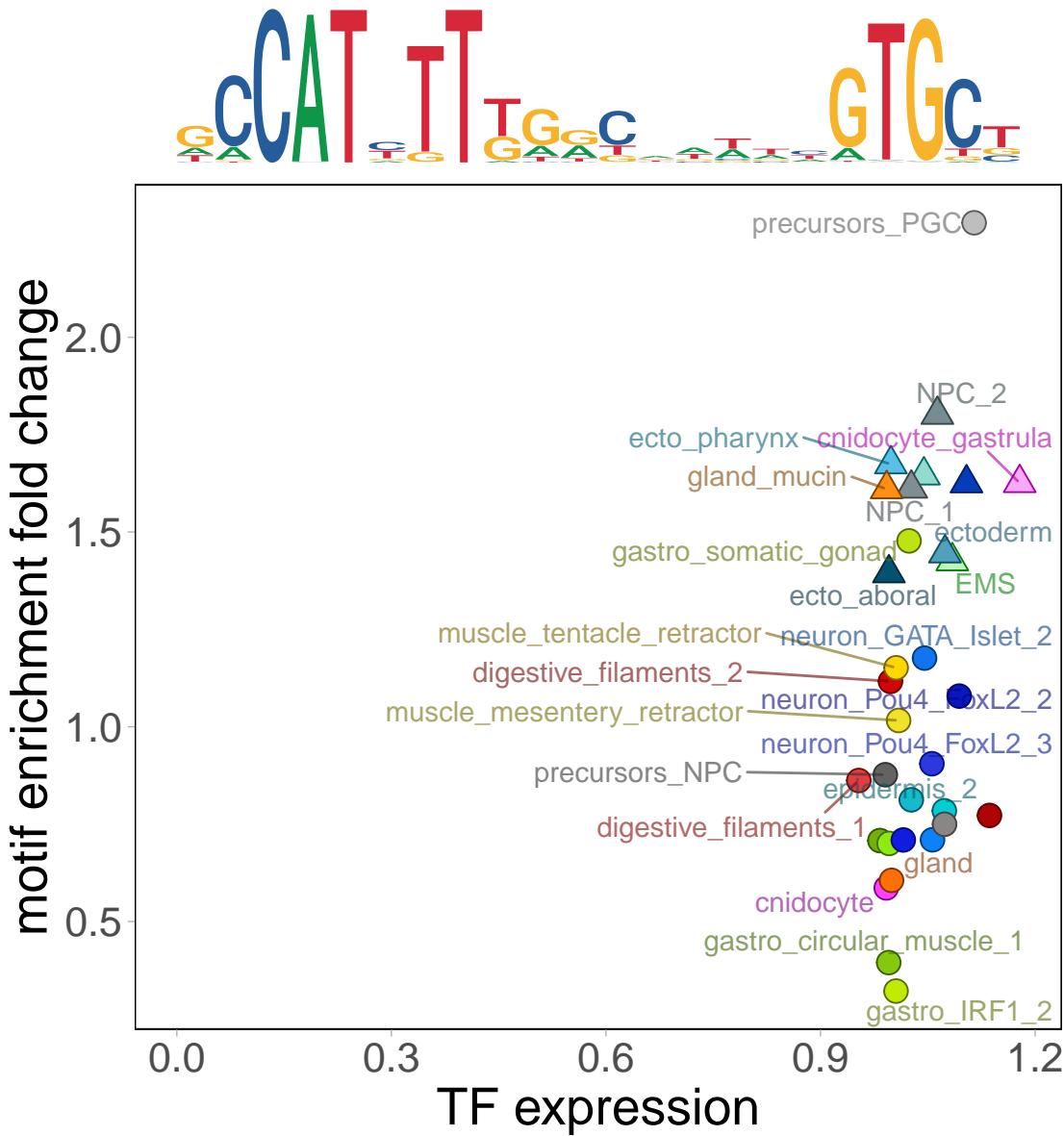
rank: 98

gene expression correlation: 0.1320

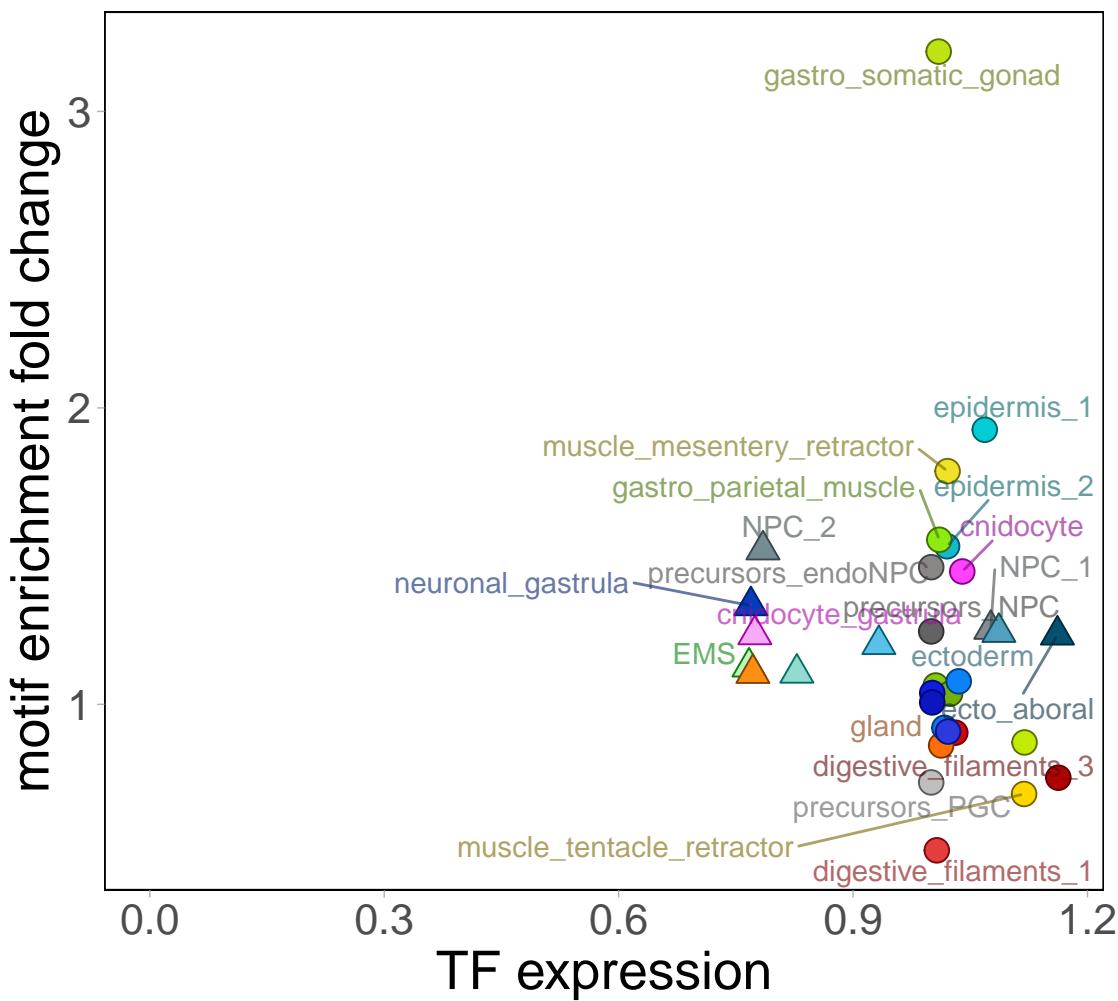
gene score correlation: 0.4034



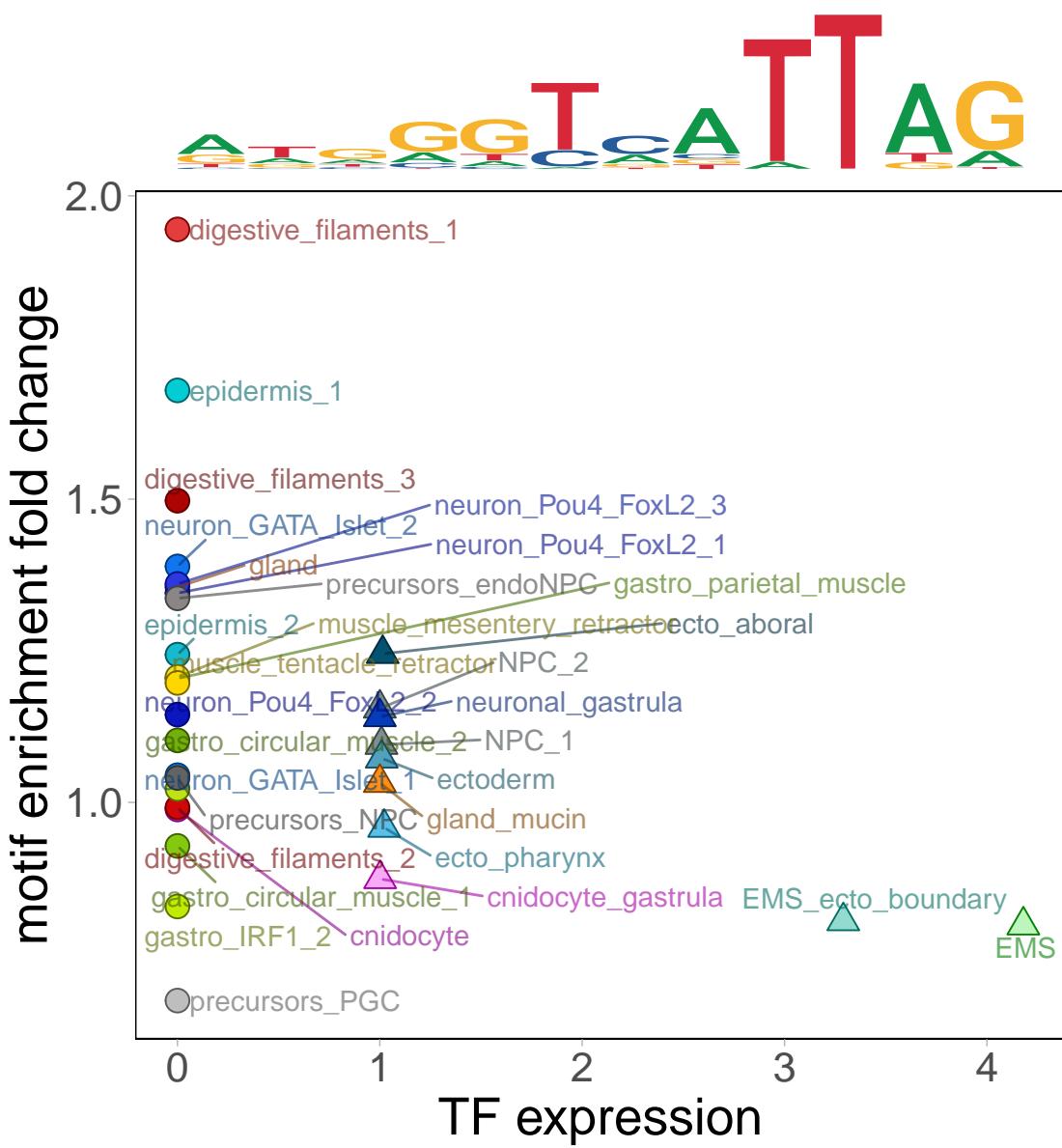
Nvec_vc1.1_XM_001634673.3
OG: zf-C2H2.HG1.5:ZNF688
PFAM: zf-C2H2_11/zf-C2H2/zf-C2H2/
motif: ARCH1255_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 13
gene expression correlation: 0.3922
gene score correlation: 0.0446



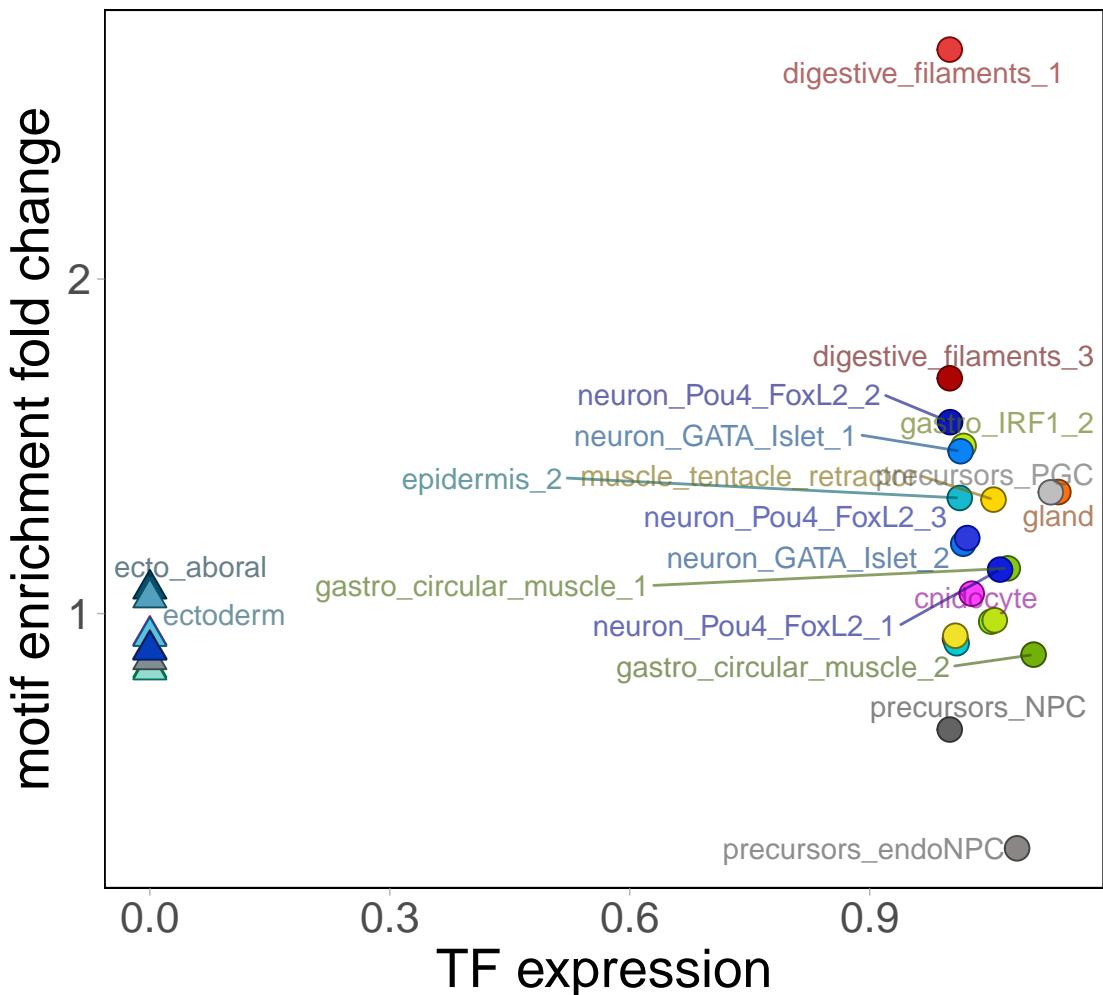
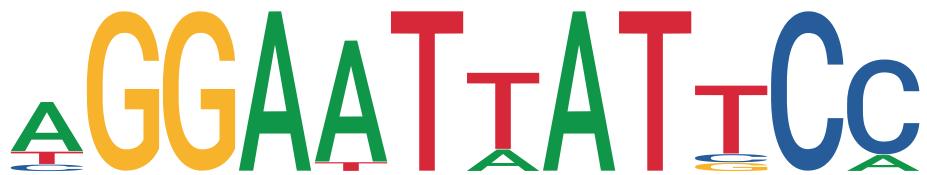
Nvec_vc1.1_XM_001634712.3
OG: HLH.HG2.0:EBF1/EBF2/EBF3/EBF4
PFAM: COE1_DB/DBD/TIG/COE1_HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 462
gene expression correlation: -0.0856
gene score correlation: -0.0421



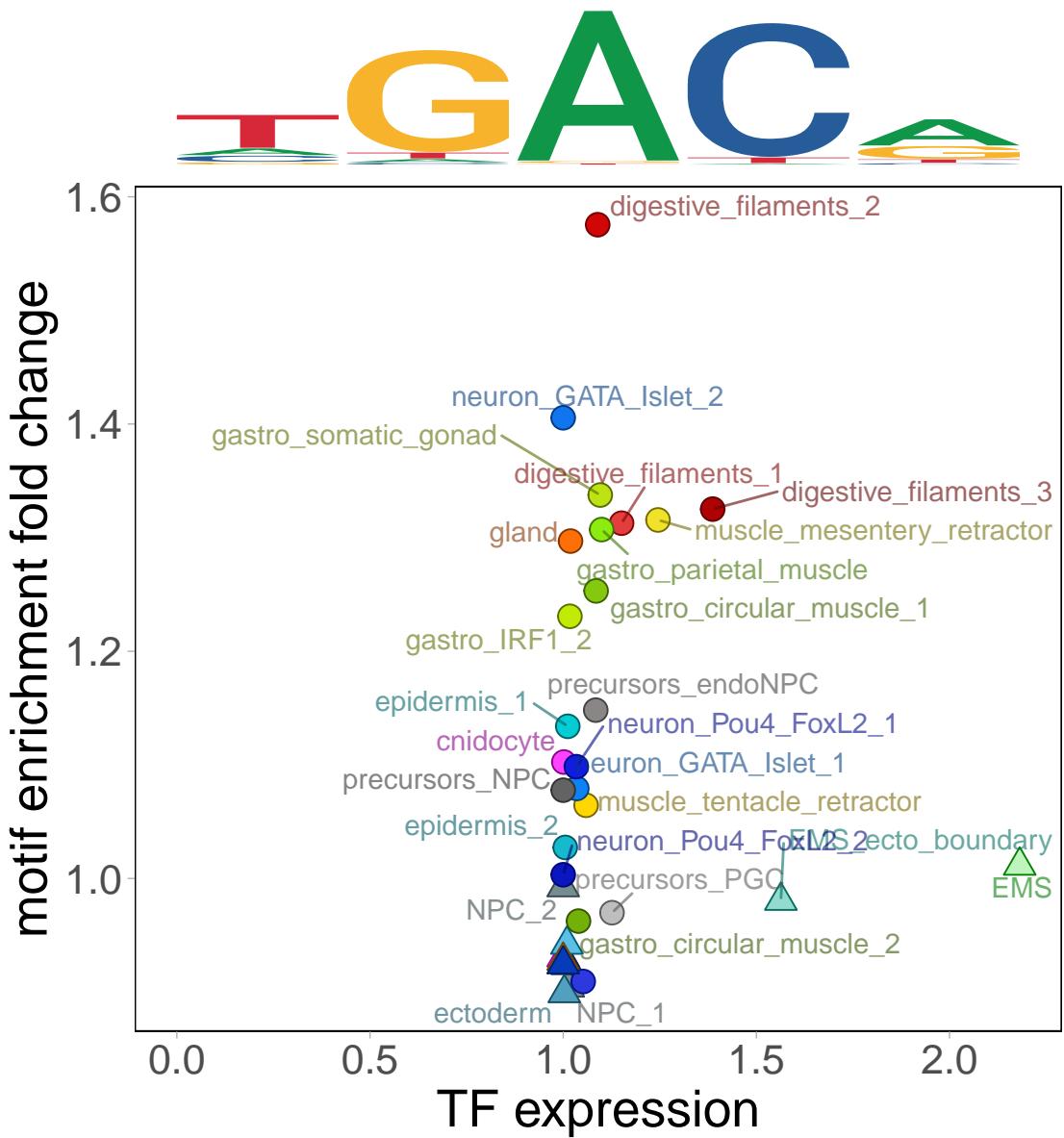
Nvec_vc1.1_XM_001634768.3
OG: Homeodomains.HG2.11:DUX4/DU
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 72
gene expression correlation: -0.4074
gene score correlation: -0.3869



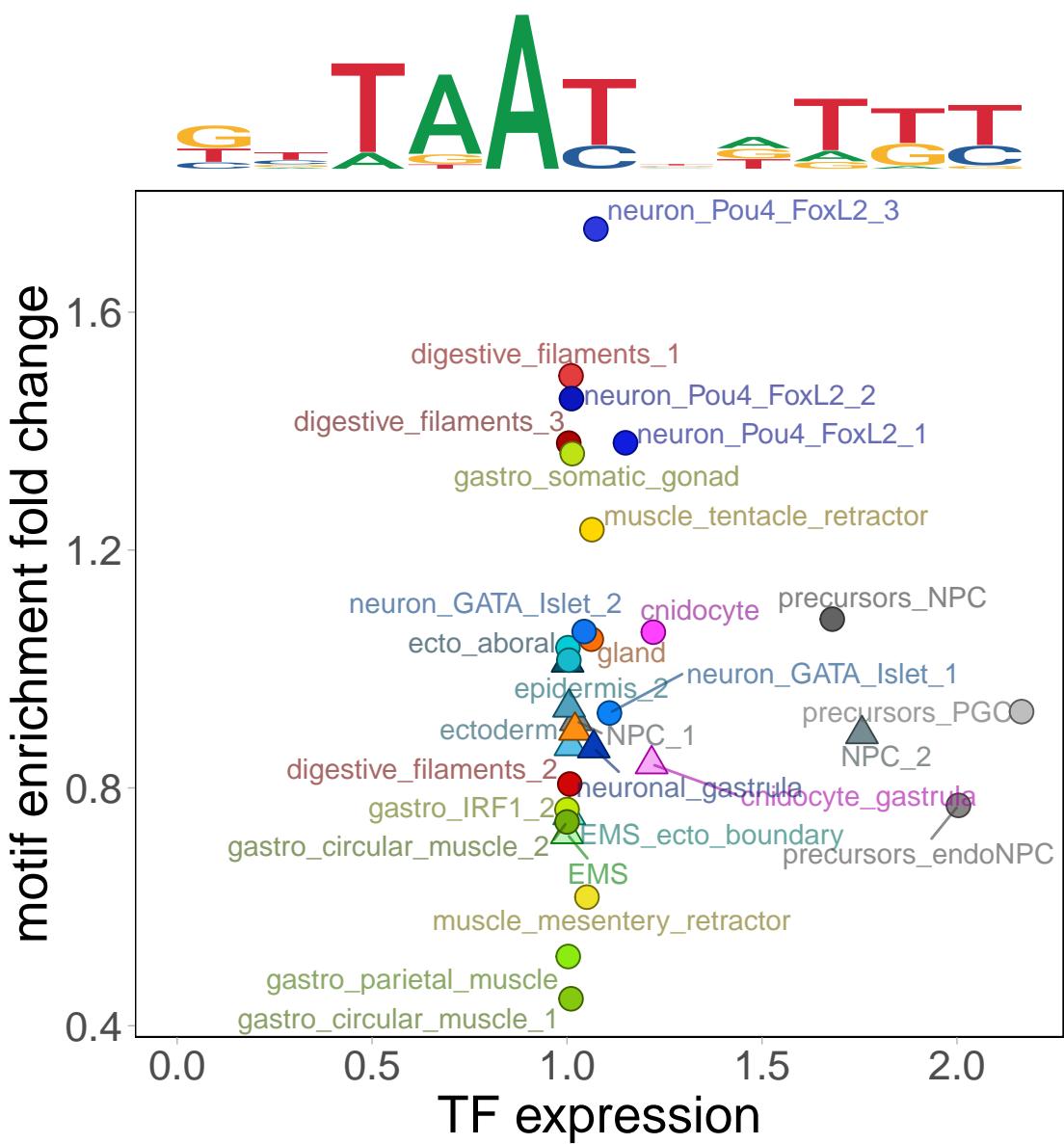
Nvec_vc1.1_XM_001634946.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain
motif: ARCH1055_MF0010.1_Homeobd
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1149
gene expression correlation: 0.3229
gene score correlation: -0.1159



Nvec_vc1.1_XM_001634956.3
OG: Homeodomains.HG2.43:GSC/GSC
PFAM: Homeodomain
motif: ARCH1633_M02161_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.0386
gene score correlation: 0.2931



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: -0.0728
gene score correlation: 0.0572



Nvec_vc1.1_XM_001635041.3

OG: MADS-box_SRF.HG1.0:SRF

PFAM: SRF-TF

motif: ARCH1309 Srf

TF family: MADS-box_SRF

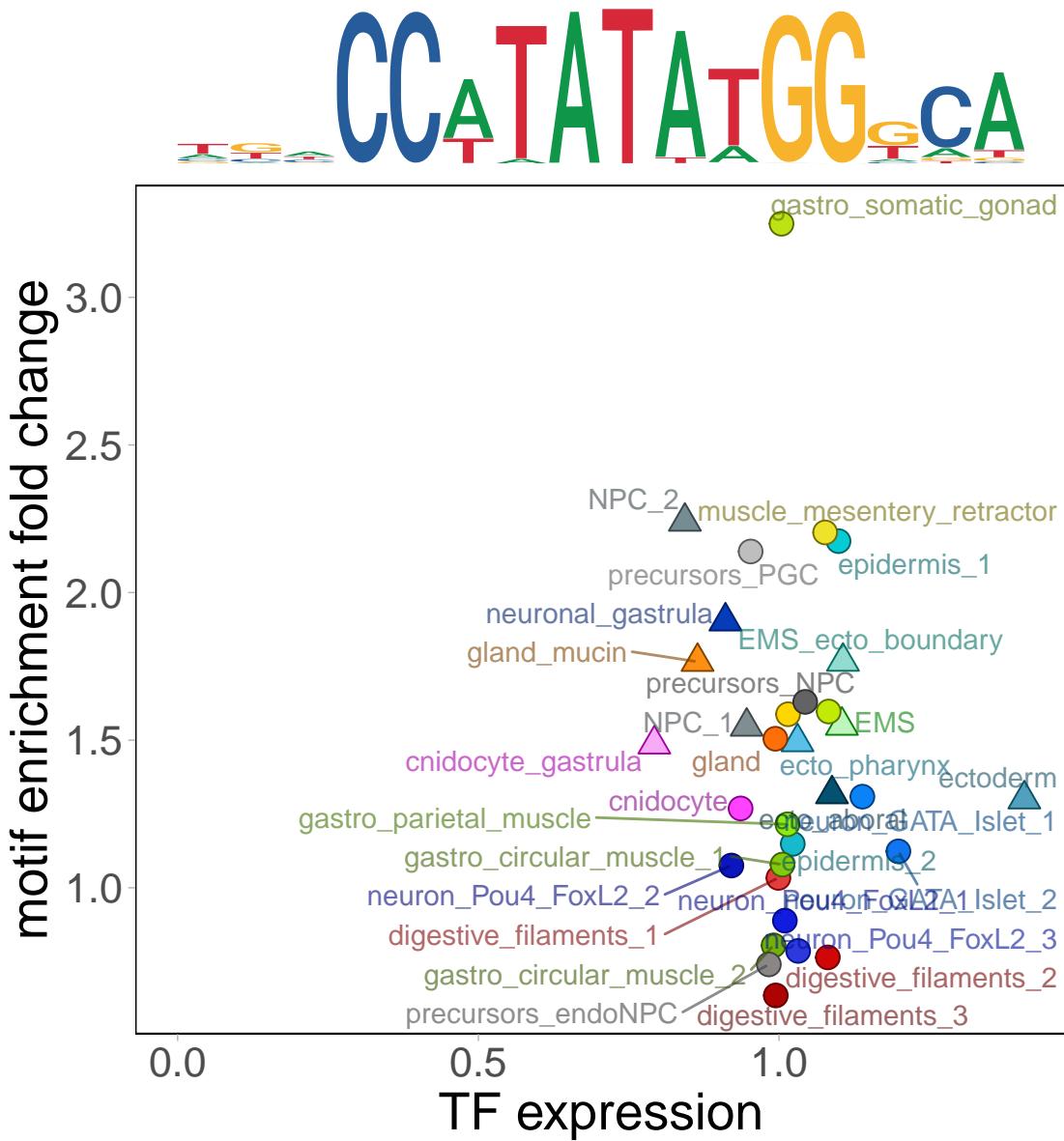
archetype family: MADS–box_SRF

CisBP assigned: TRUE

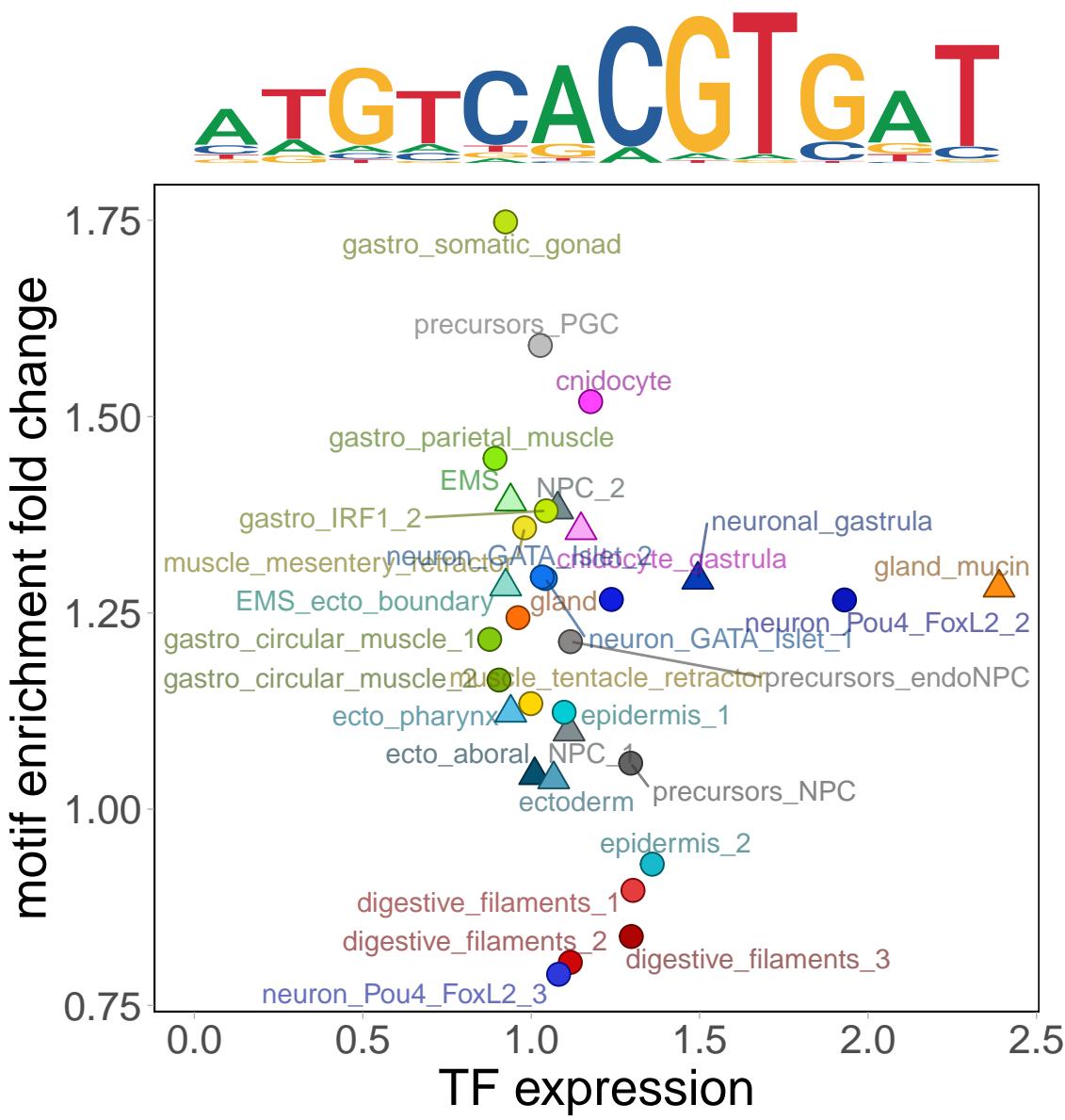
rank: 286

gene expression correlation: -0.1225

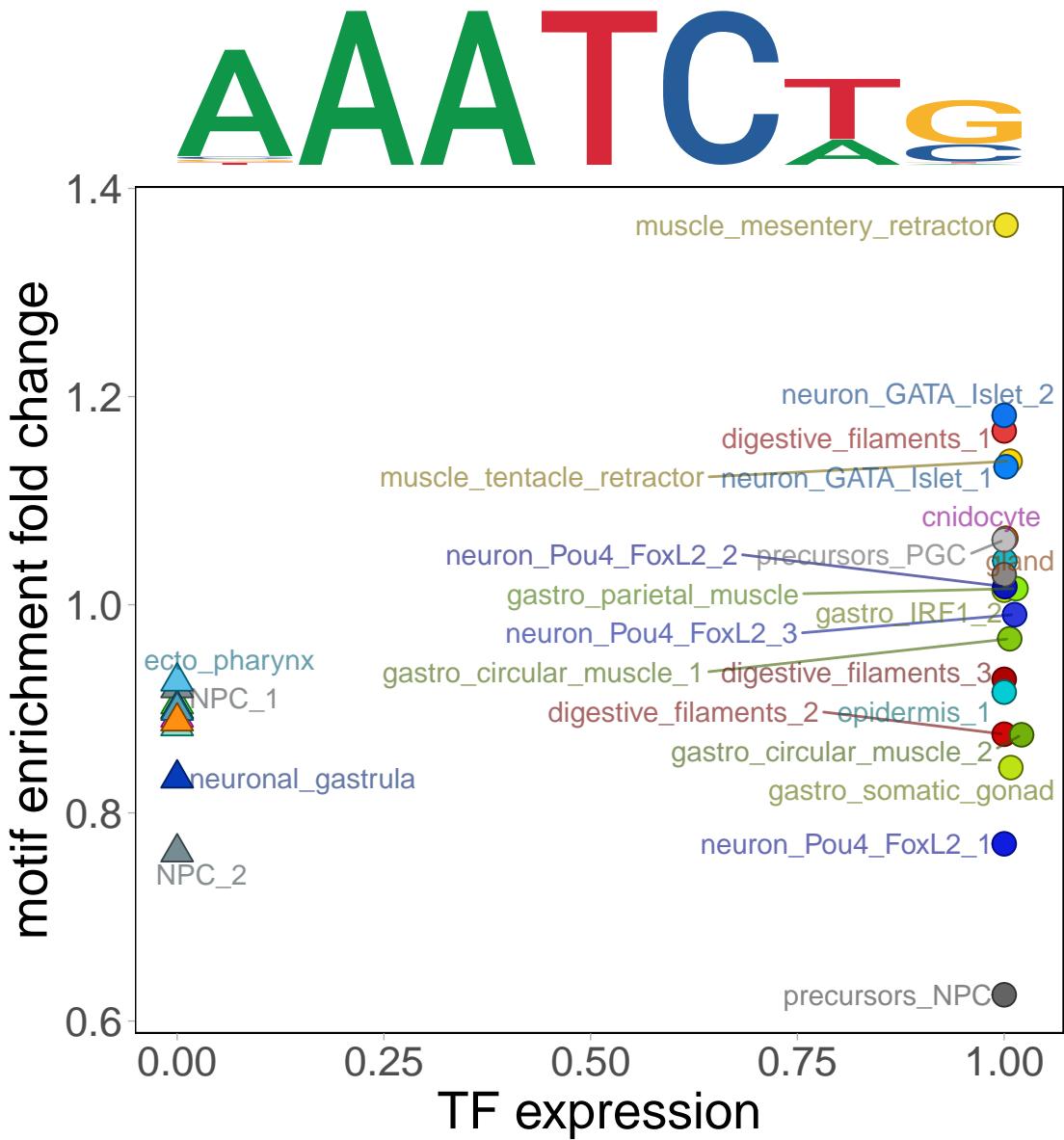
gene score correlation: 0.2505



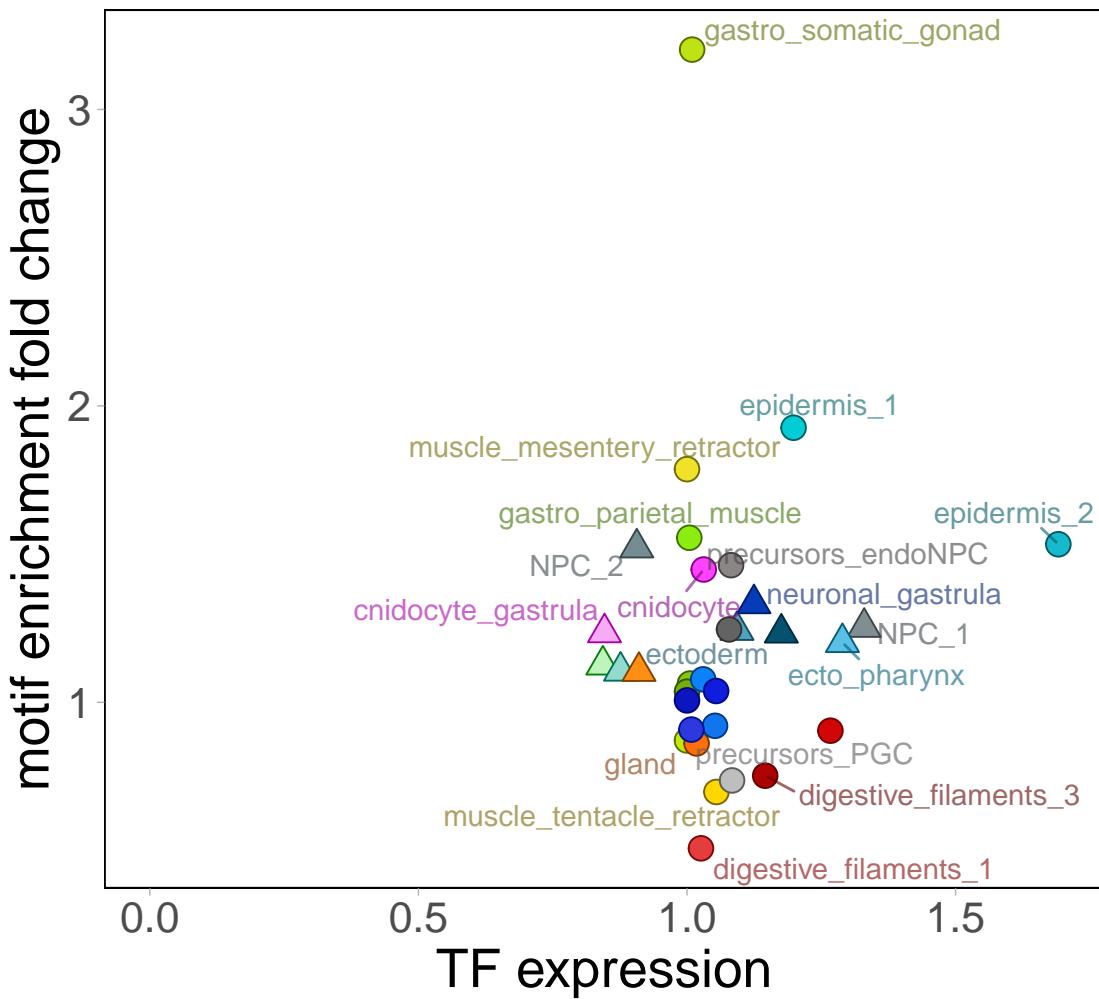
Nvec_vc1.1_XM_001635172.3
OG: HLH.HG1.38:MXD1/MXD3/MXD4/M
PFAM: HLH
motif: ARCH1593_PL0005.1_hlh-30
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 169
gene expression correlation: -0.1155
gene score correlation: -0.1693



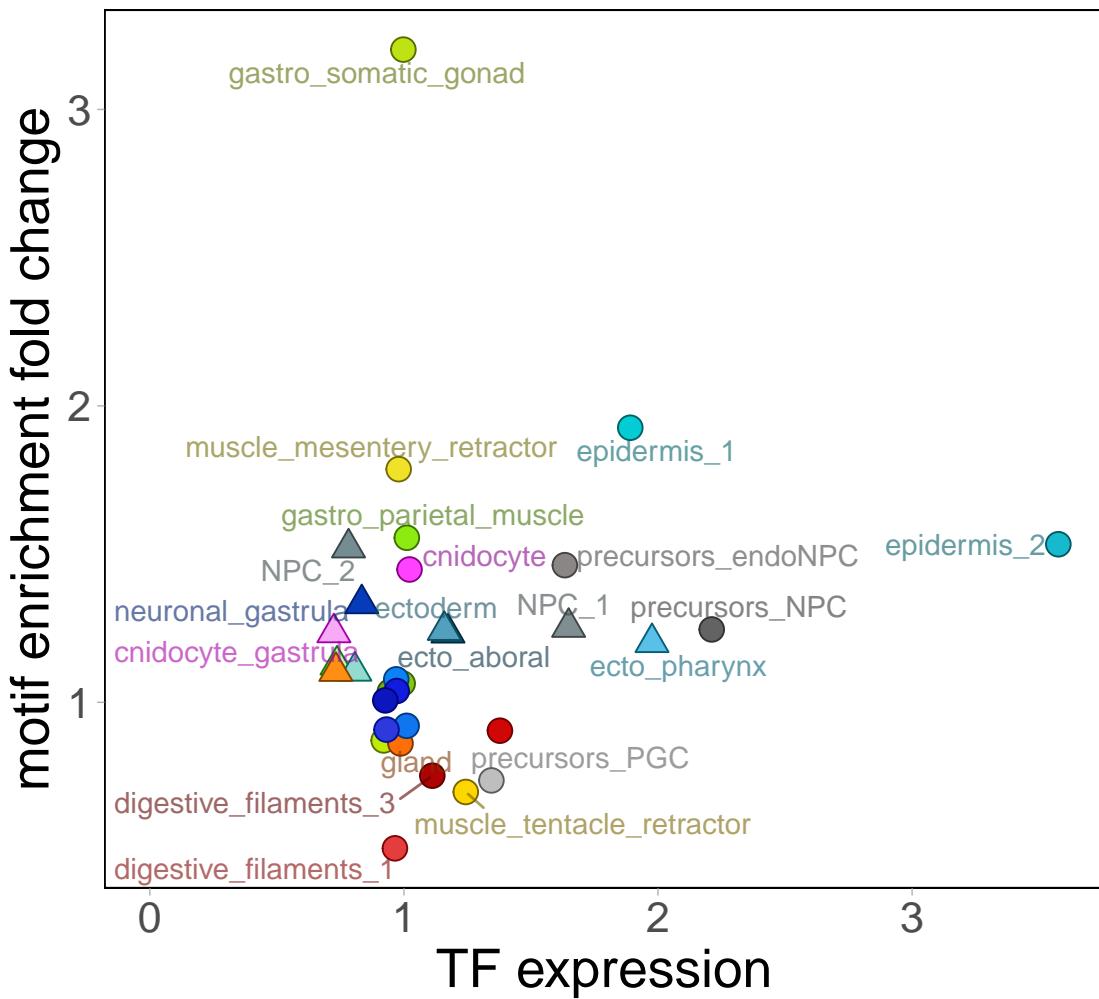
Nvec_vc1.1_XM_001635190.3
OG: zf-C2H2.HG1.30:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 770
gene expression correlation: 0.4047
gene score correlation: 0.2374



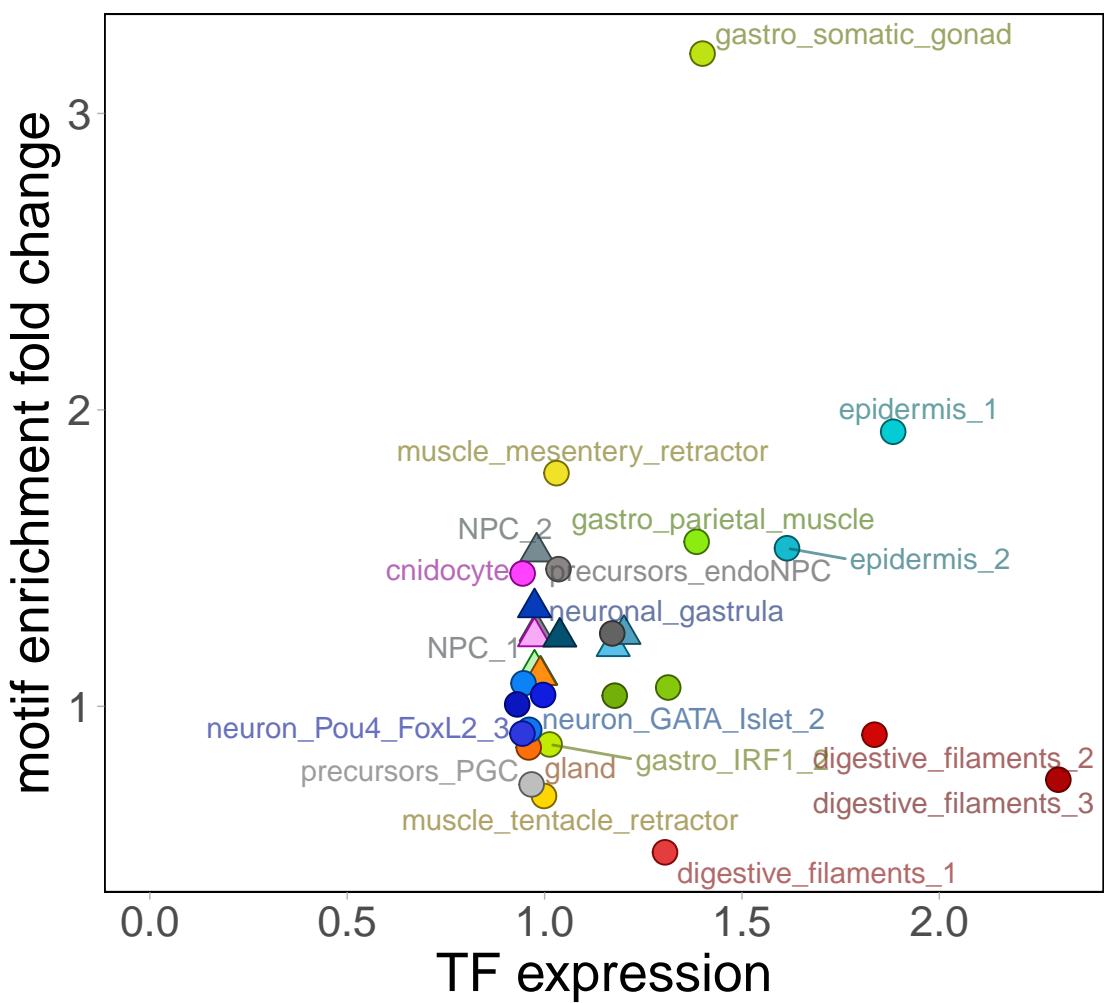
Nvec_vc1.1_XM_001635275.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 93
gene expression correlation: 0.0703
gene score correlation: 0.0254



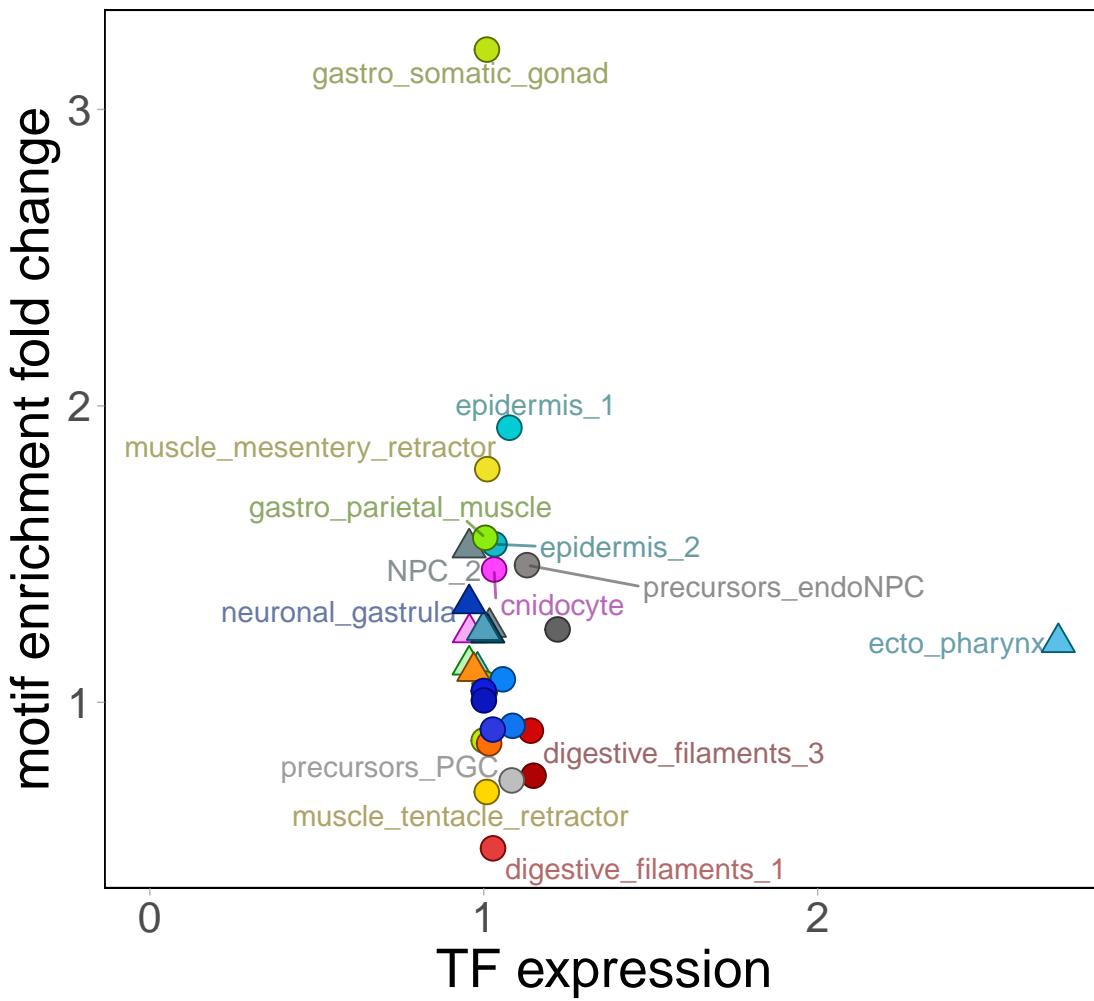
Nvec_vc1.1_XM_001635276.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.1522
gene score correlation: 0.2004



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: 0.1409
gene score correlation: 0.1264



Nvec_vc1.1_XM_001635315.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 90
gene expression correlation: -0.0268
gene score correlation: 0.0155



Nvec_vc1.1_XM_001635316.3

OG: HLH.HG1.53:HES5/HES7

PFAM: HLH

motif: ARCH1533_BHLH112

TF family: HLH

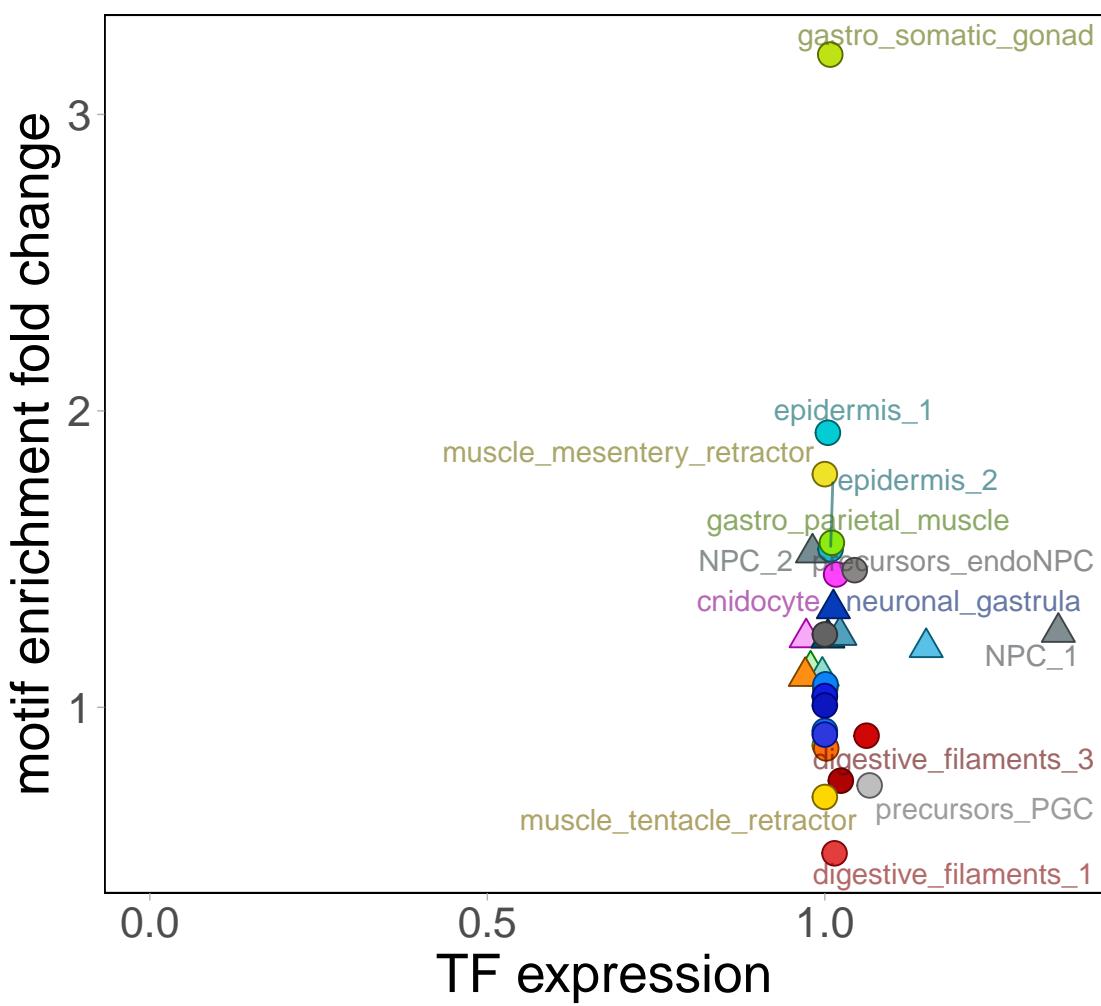
archetype family: HLH

CisBP assigned: FALSE

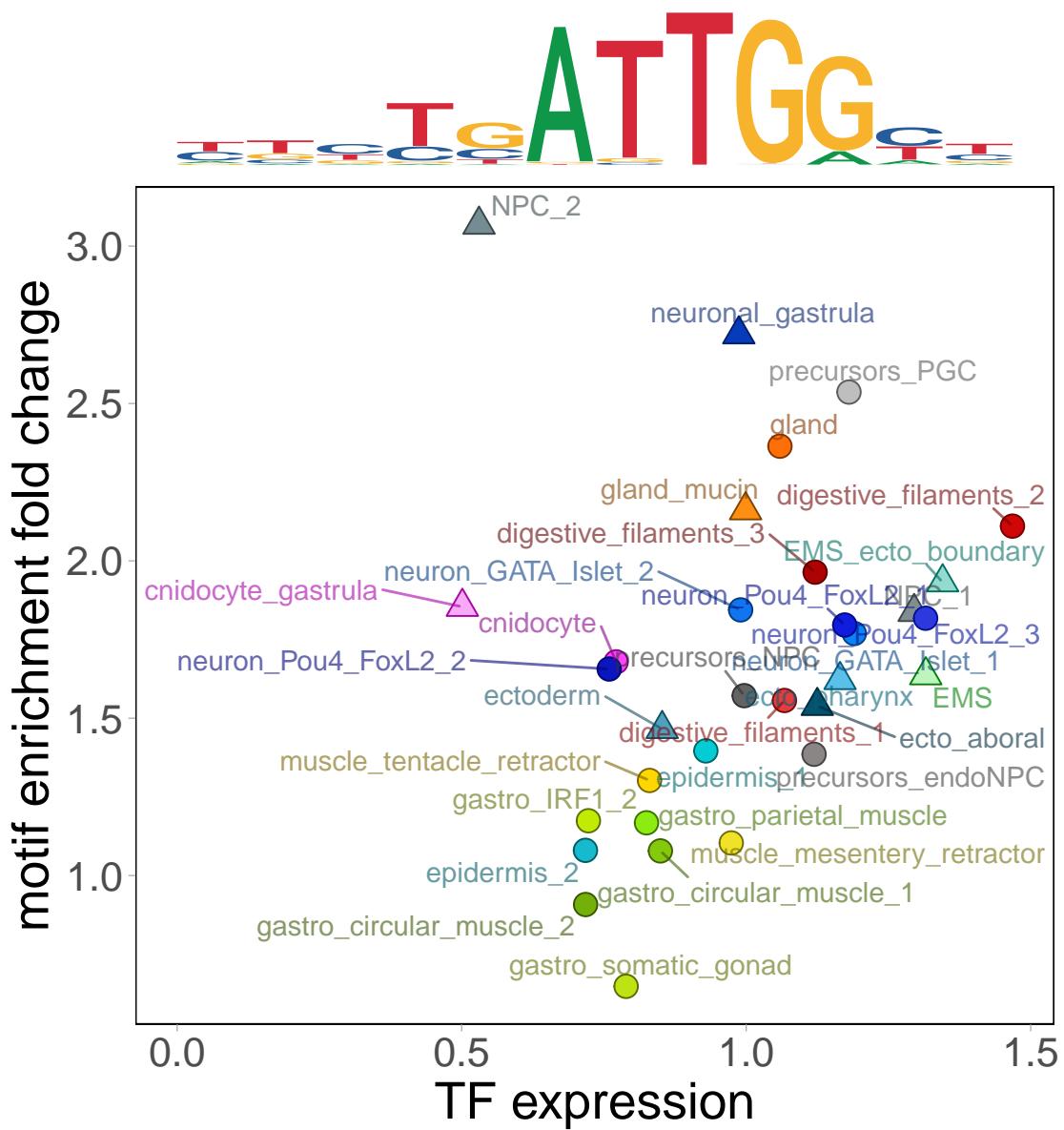
rank: 351

gene expression correlation: -0.0203

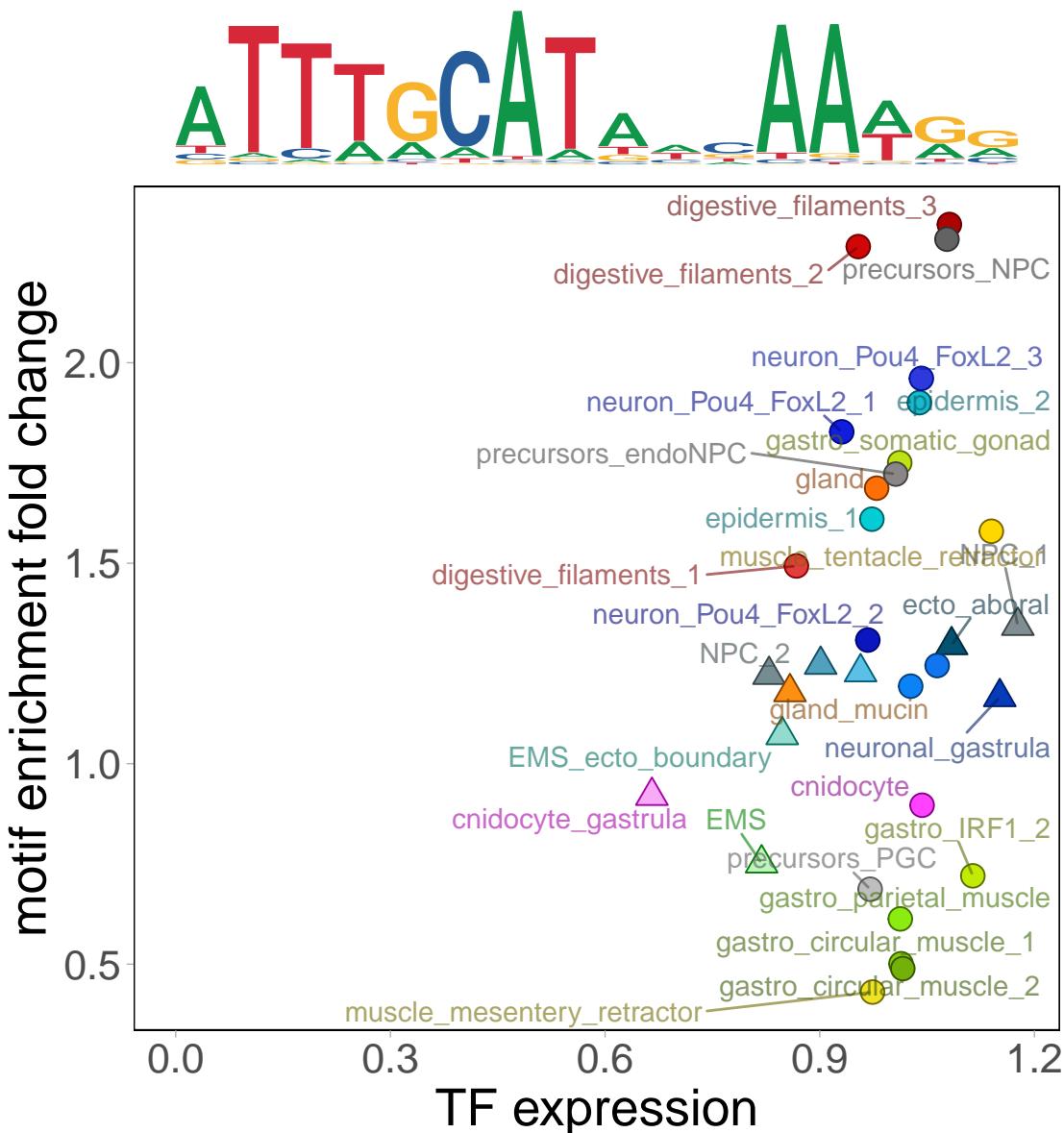
gene score correlation: -0.0719



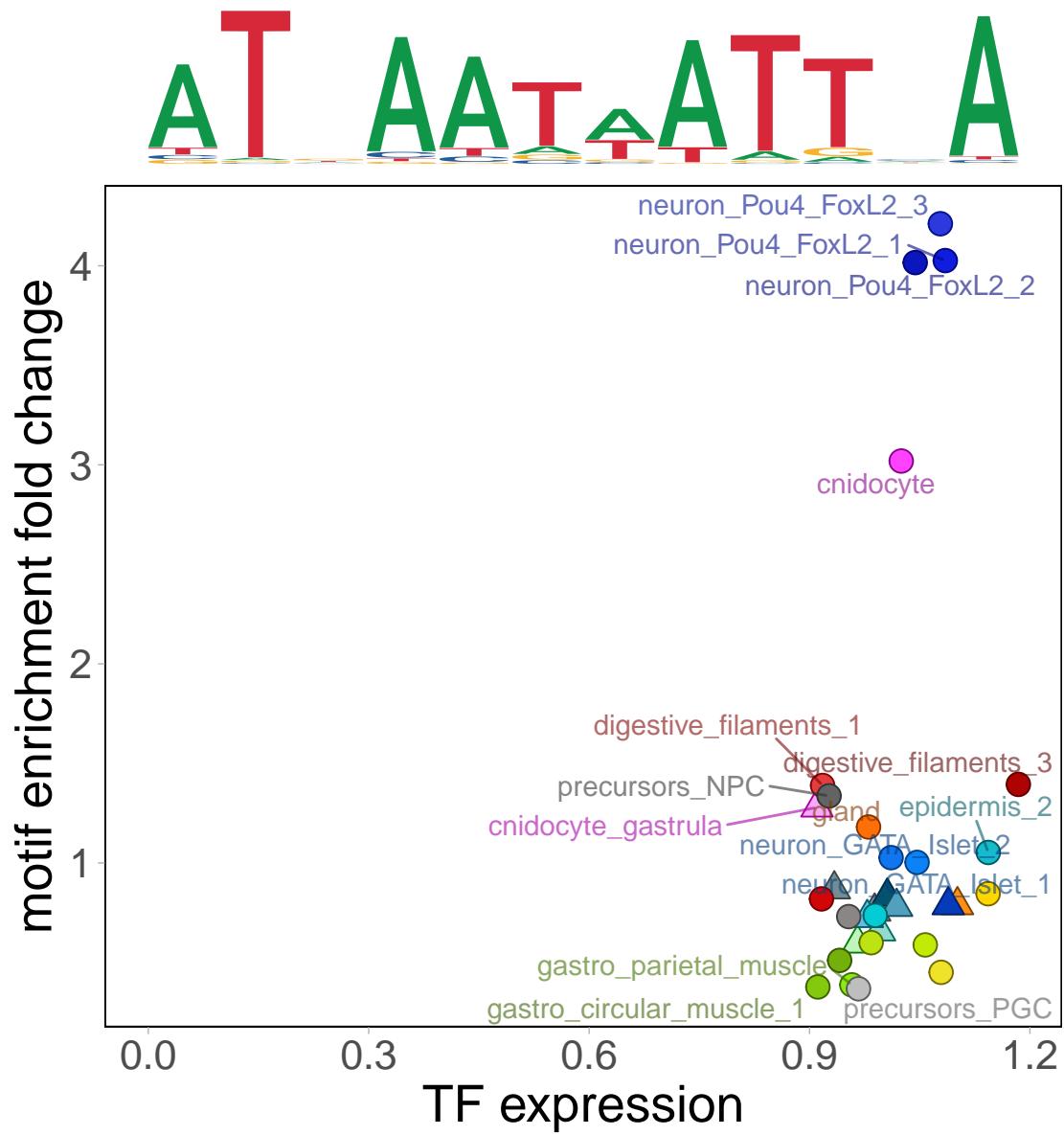
Nvec_vc1.1_XM_001635374.3
OG: Homeodomains.HG3.7:PBX1/PBX2
PFAM: PBC/Homeodomain
motif: ARCH121_Nfy_a_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 16
gene expression correlation: 0.2237
gene score correlation: 0.5310



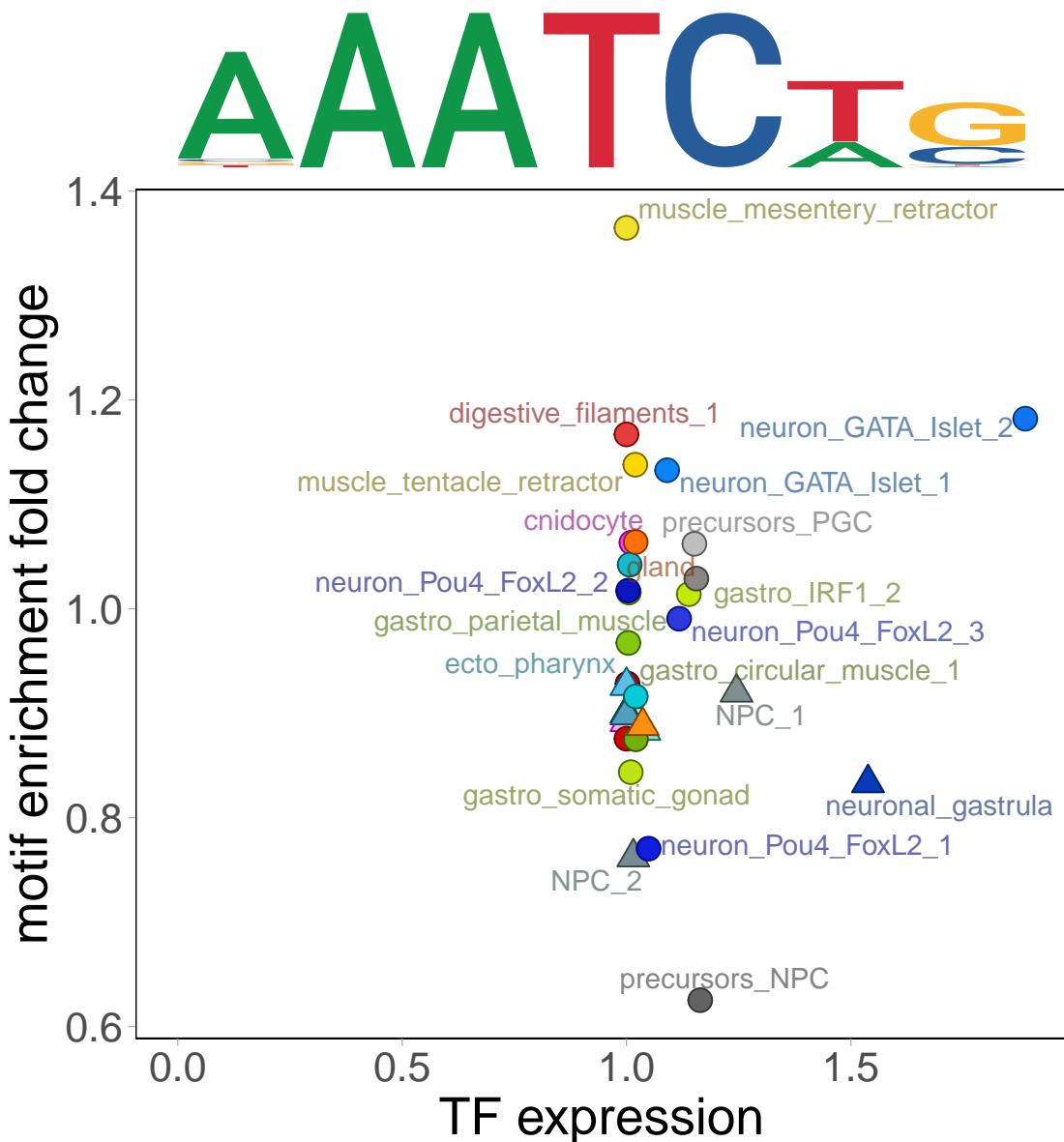
Nvec_vc1.1_XM_001636116.3
OG: TBP.HG1.3:TBP/TBPL2
PFAM: TBP/TBP
motif: ARCH66_Barx2/Barx1_Dlx4/Dlx..
TF family: TBP
archetype family: TBP
CisBP assigned: TRUE
rank: 549
gene expression correlation: 0.1924
gene score correlation: -0.0142



Nvec_vc1.1_XM_001636163.3
OG: Homeodomains.HG4.4:POU6F1/POU
PFAM: DFP/DFP/Pou/Homeodomain
motif: ARCH56_POU4F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 30
gene expression correlation: 0.2844
gene score correlation: 0.3534



Nvec_vc1.1_XM_001636315.3
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 515
gene expression correlation: 0.1091
gene score correlation: 0.2123



Nvec_vc1.1_XM_001636352.3

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

PFAM: Ets

motif: ARCH585_Spdef

TF family: Ets

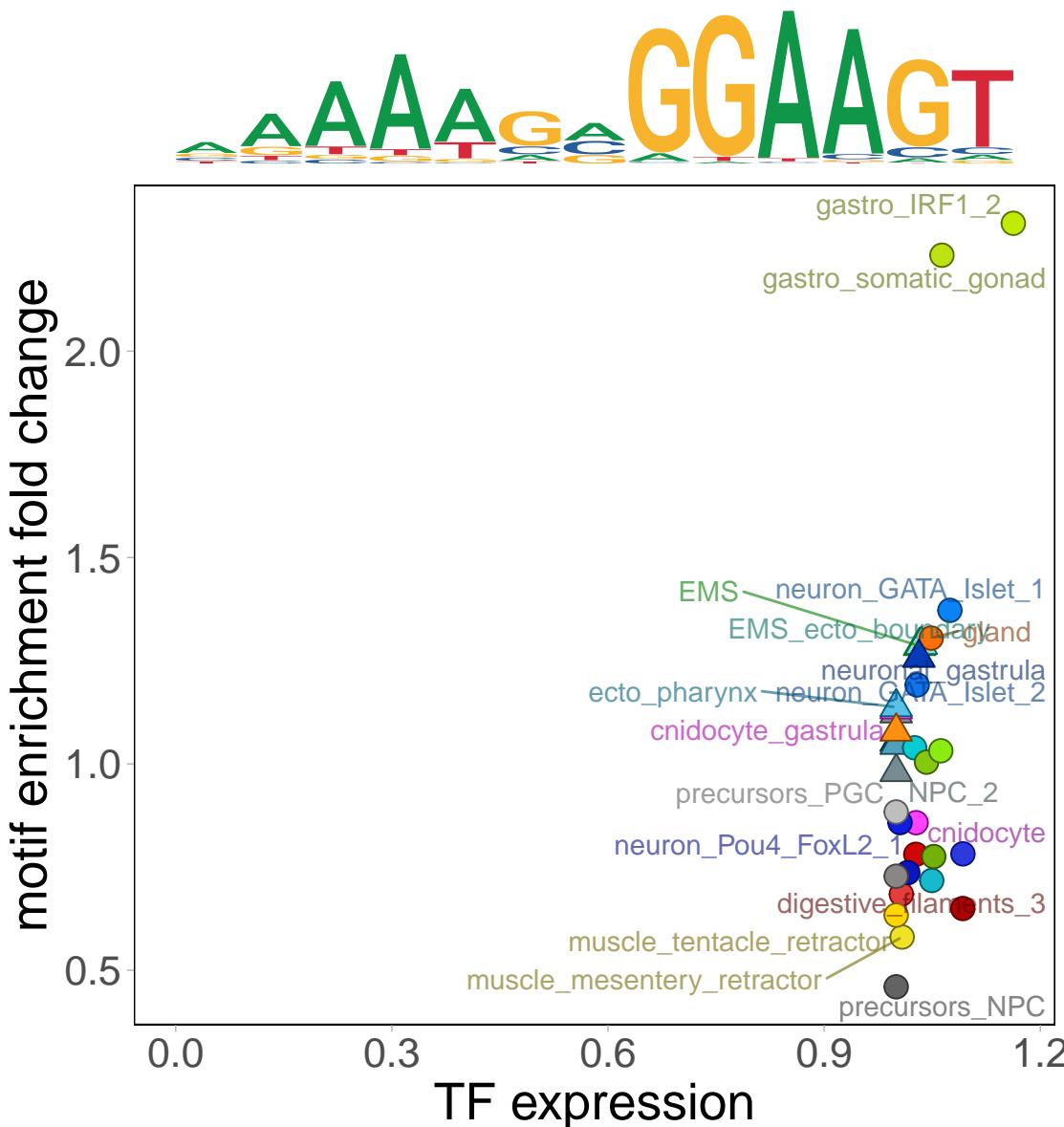
archetype family: Ets

CisBP assigned: FALSE

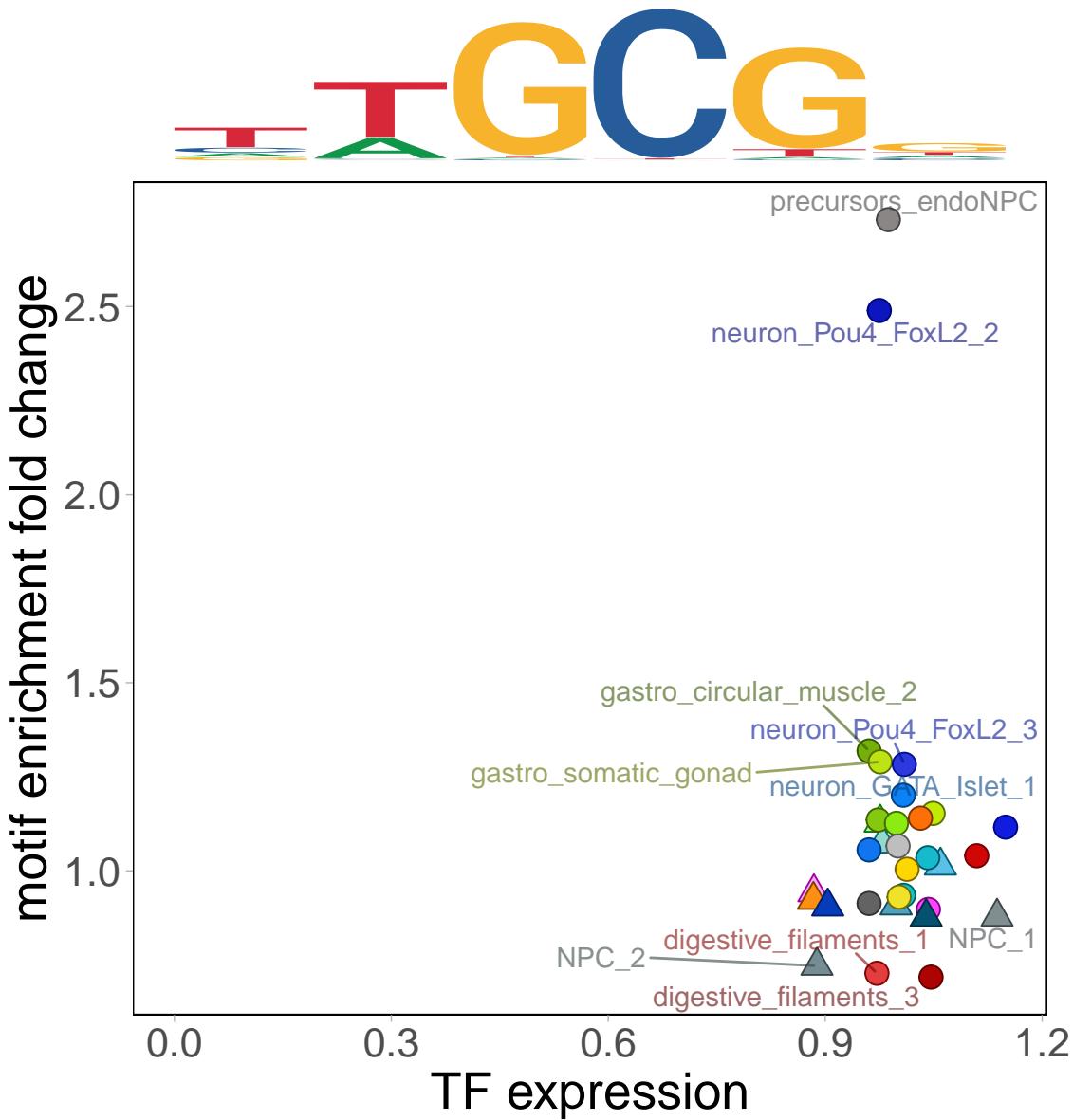
rank: 1

gene expression correlation: 0.5199

gene score correlation: 0.6242



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: -0.0334
gene score correlation: 0.4297



Nvec_vc1.1_XM_001636622.3

OG: HLH.HG1.37:MNT

PFAM: HLH

motif: ARCH664_bHLH157

TF family: HLH

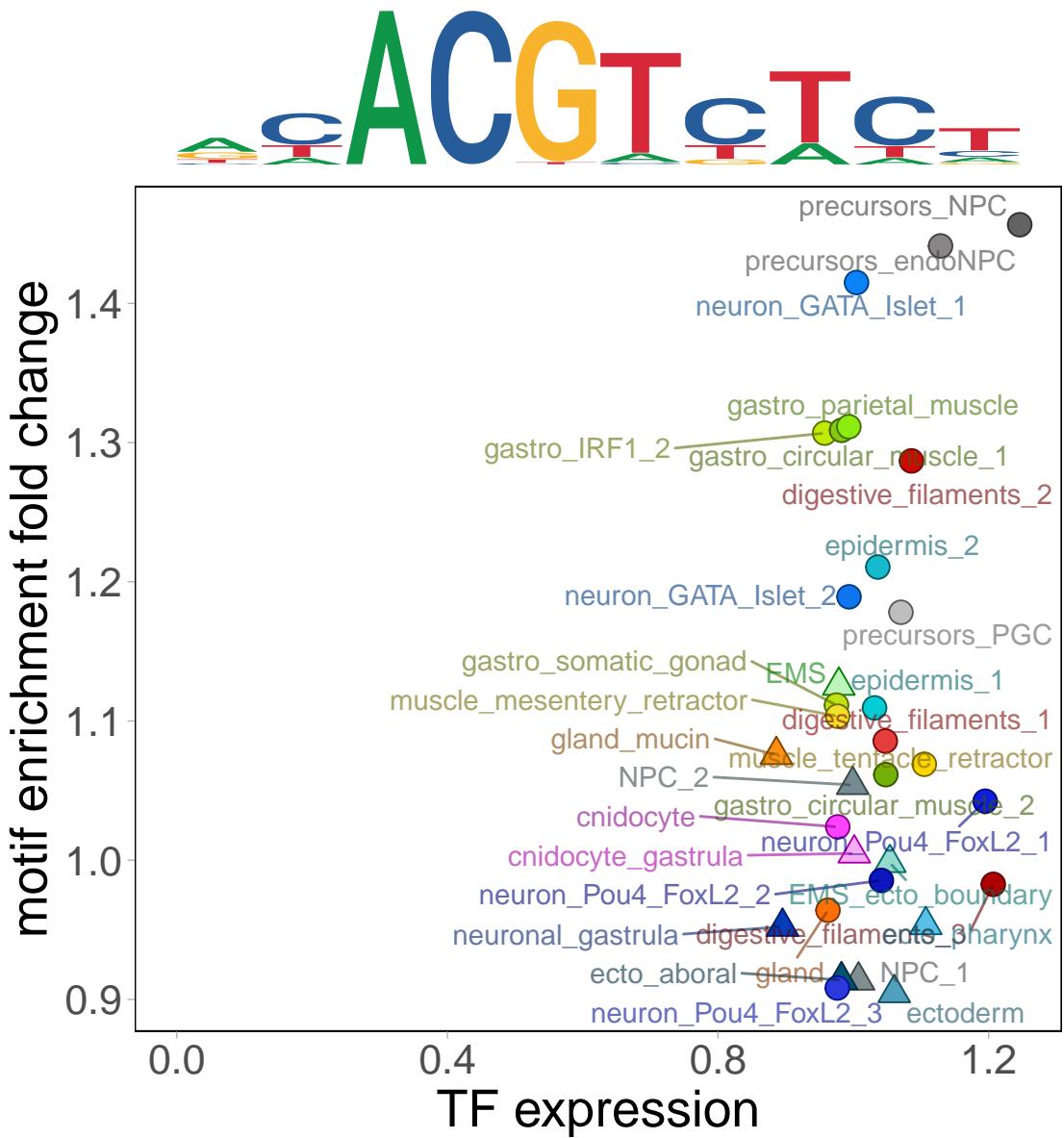
archetype family: HLH

CisBP assigned: FALSE

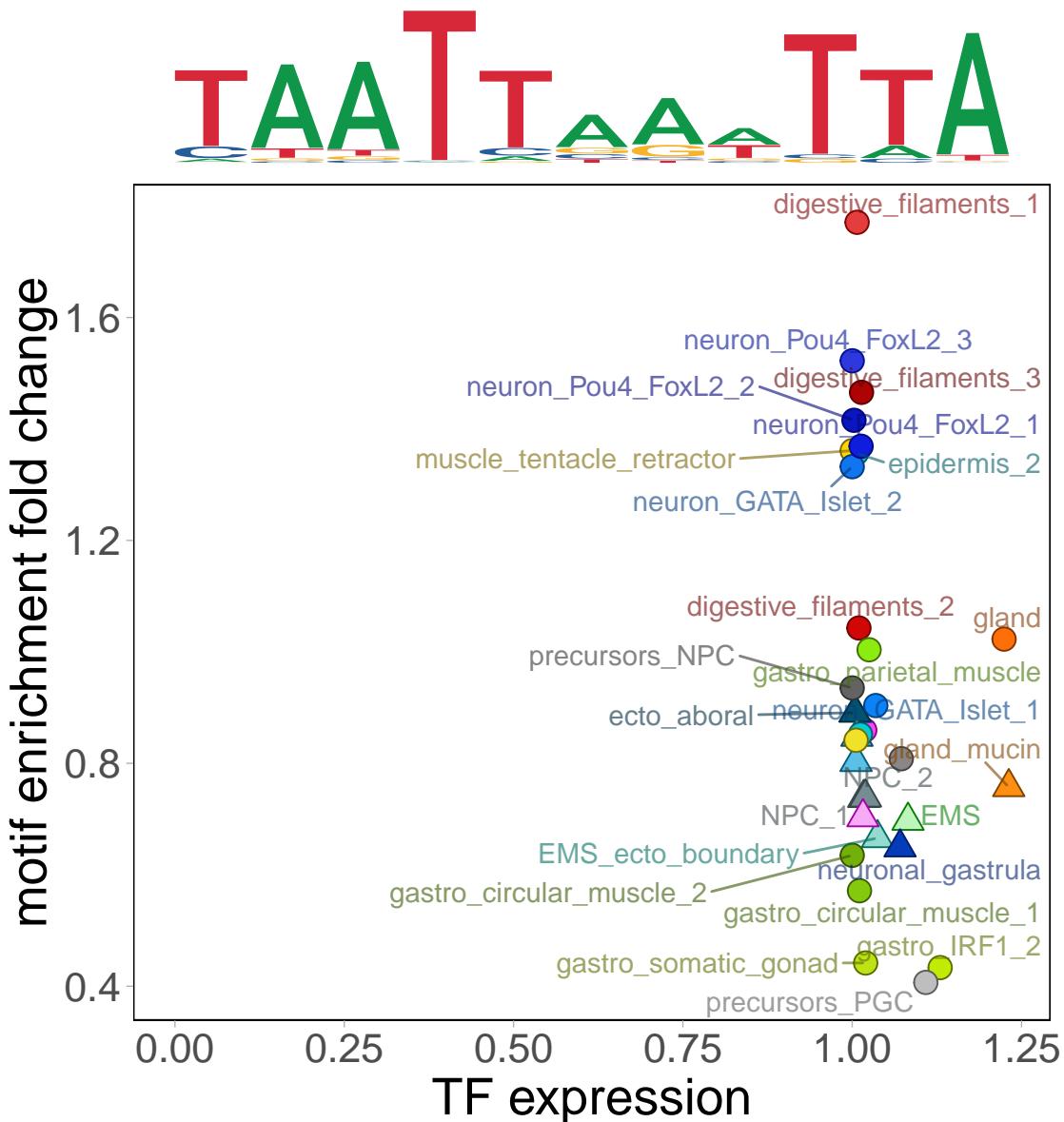
rank: 203

gene expression correlation: 0.2170

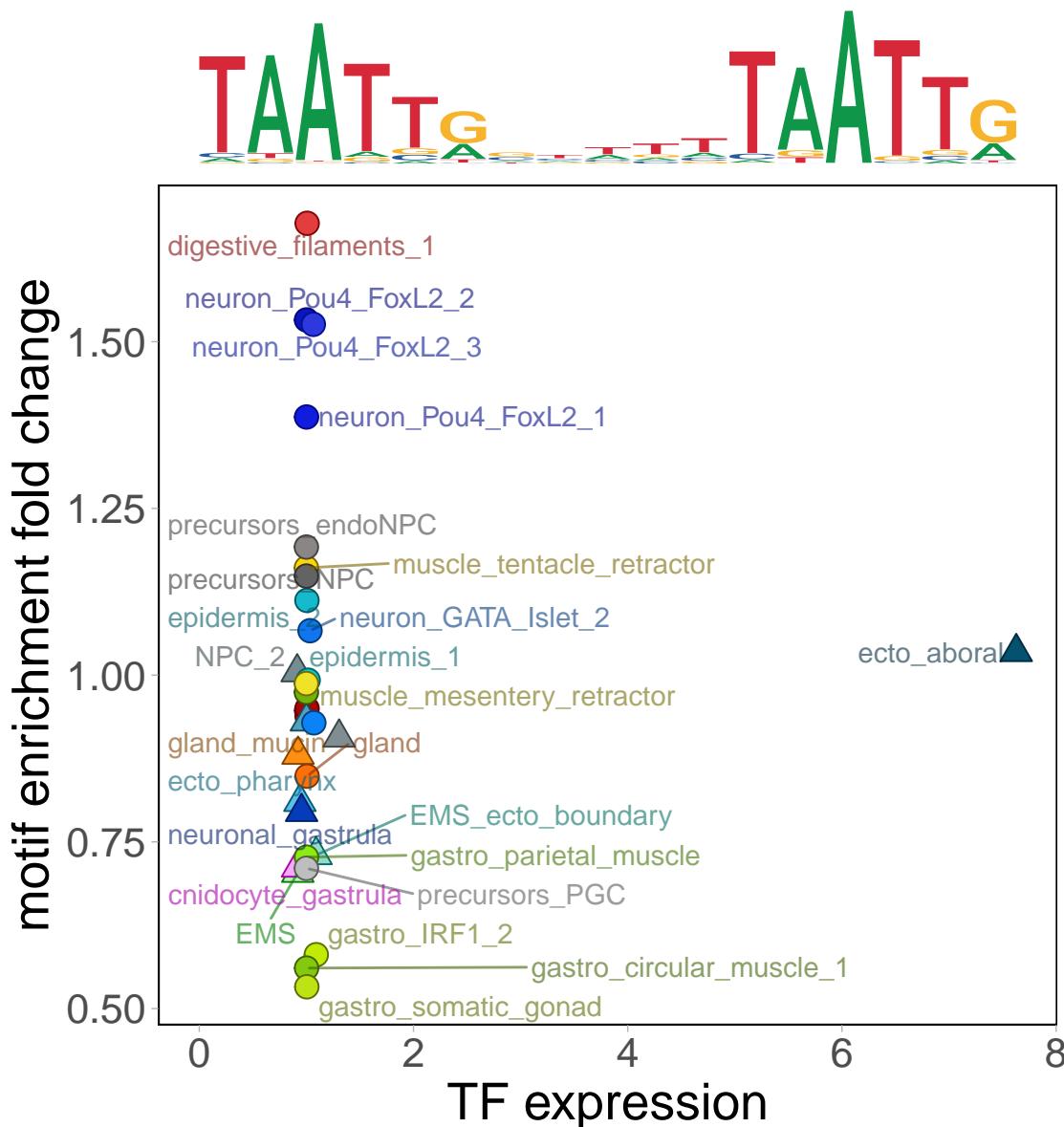
gene score correlation: 0.2447



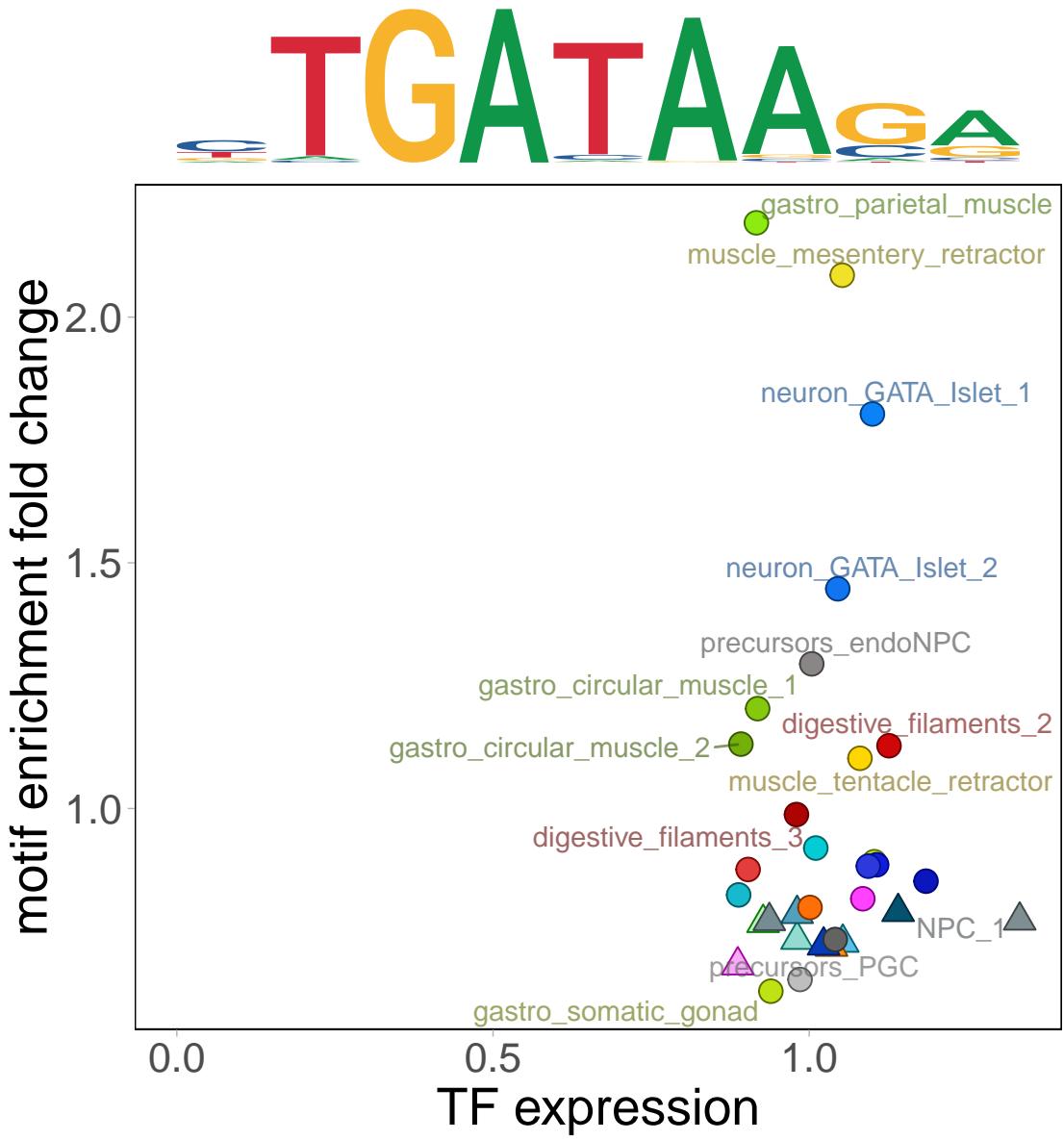
Nvec_vc1.1_XM_001636859.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain/OAR
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 106
gene expression correlation: -0.3198
gene score correlation: 0.0541



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: 0.0465
gene score correlation: 0.2223



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: -0.0229
gene score correlation: 0.3922



Nvec_vc1.1_XM_001637044.3

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

PFAM: HLH/Hairy_orange

motif: ARCH1533 BHLH112

TF family: HLH

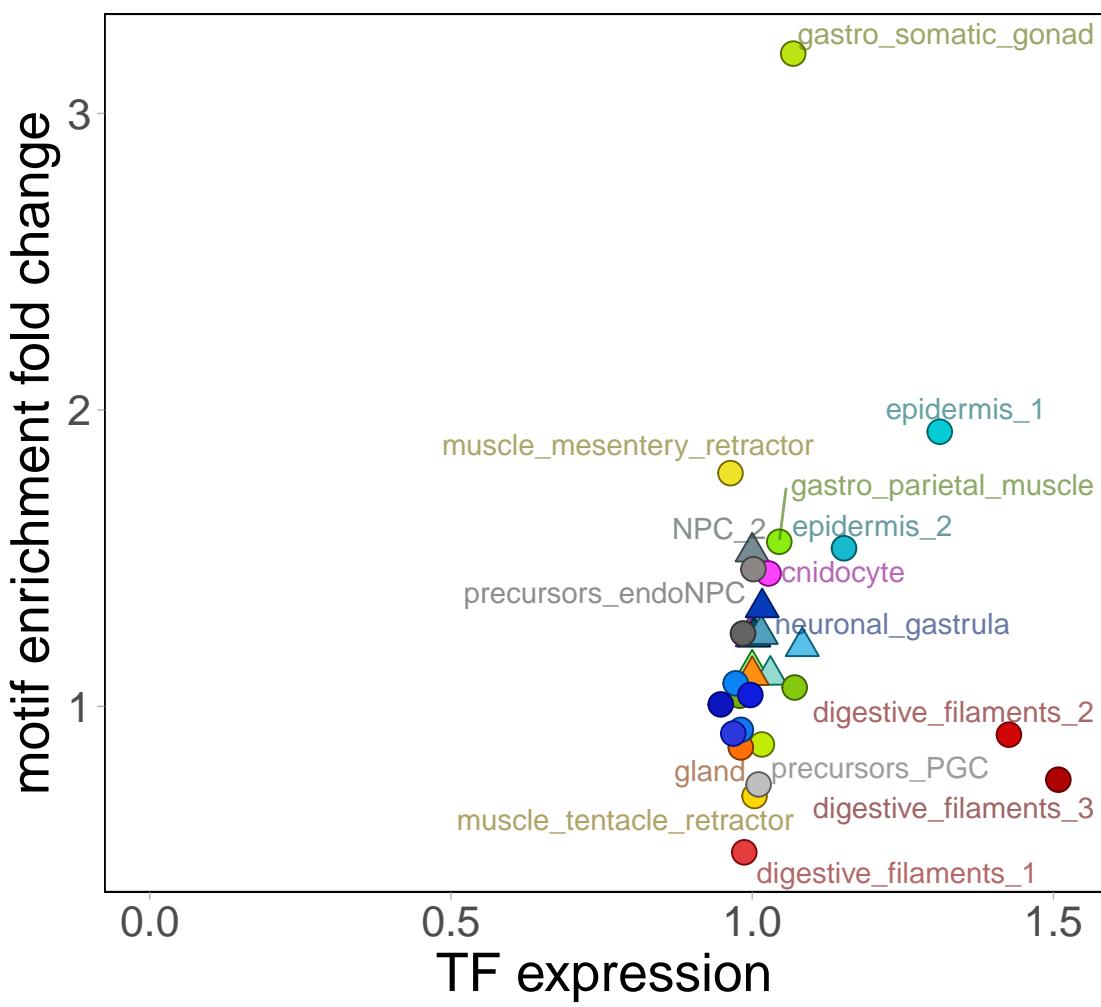
archetype family: HLH

CisBP assigned: FALSE

rank: 282

gene expression correlation: 0.0328

gene score correlation: -0.0008



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

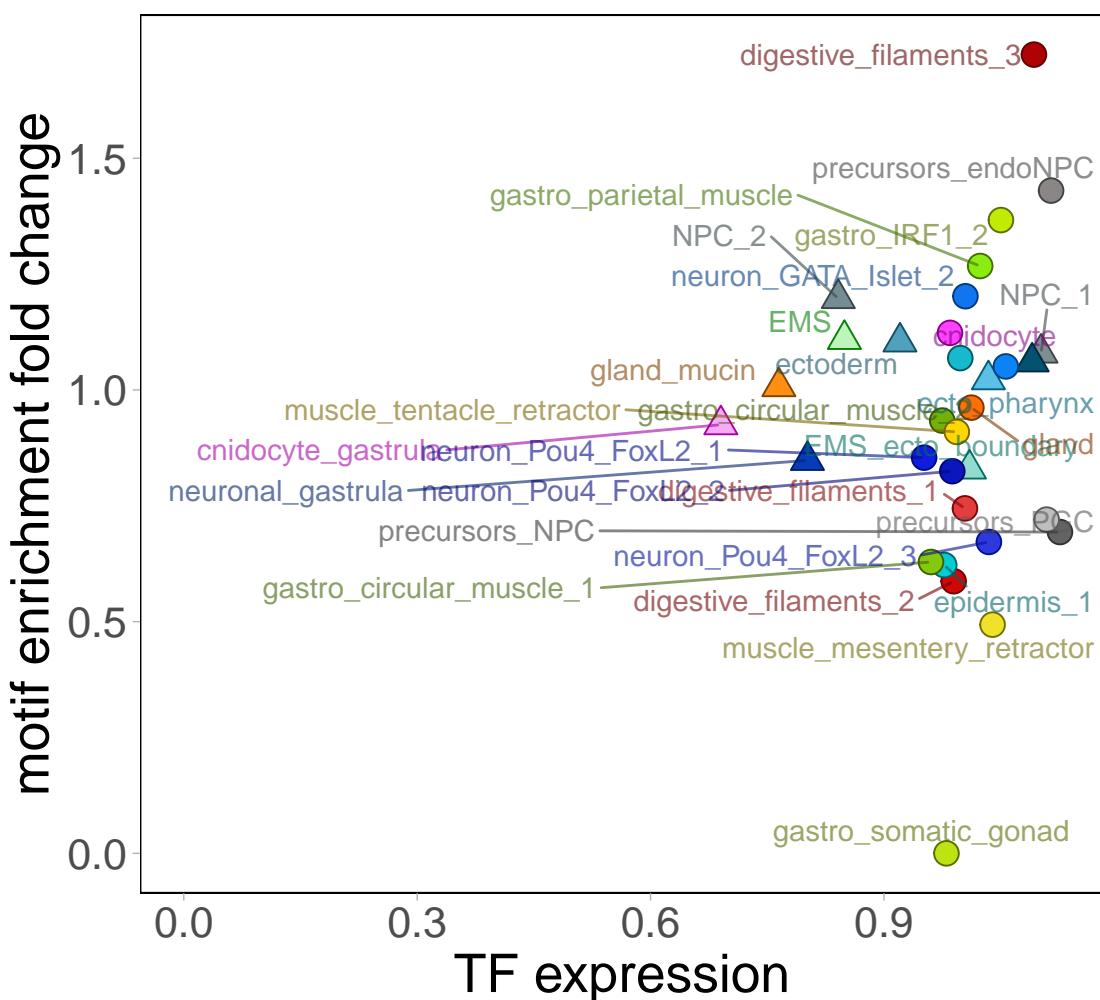
CisBP assigned: FALSE

rank: 89

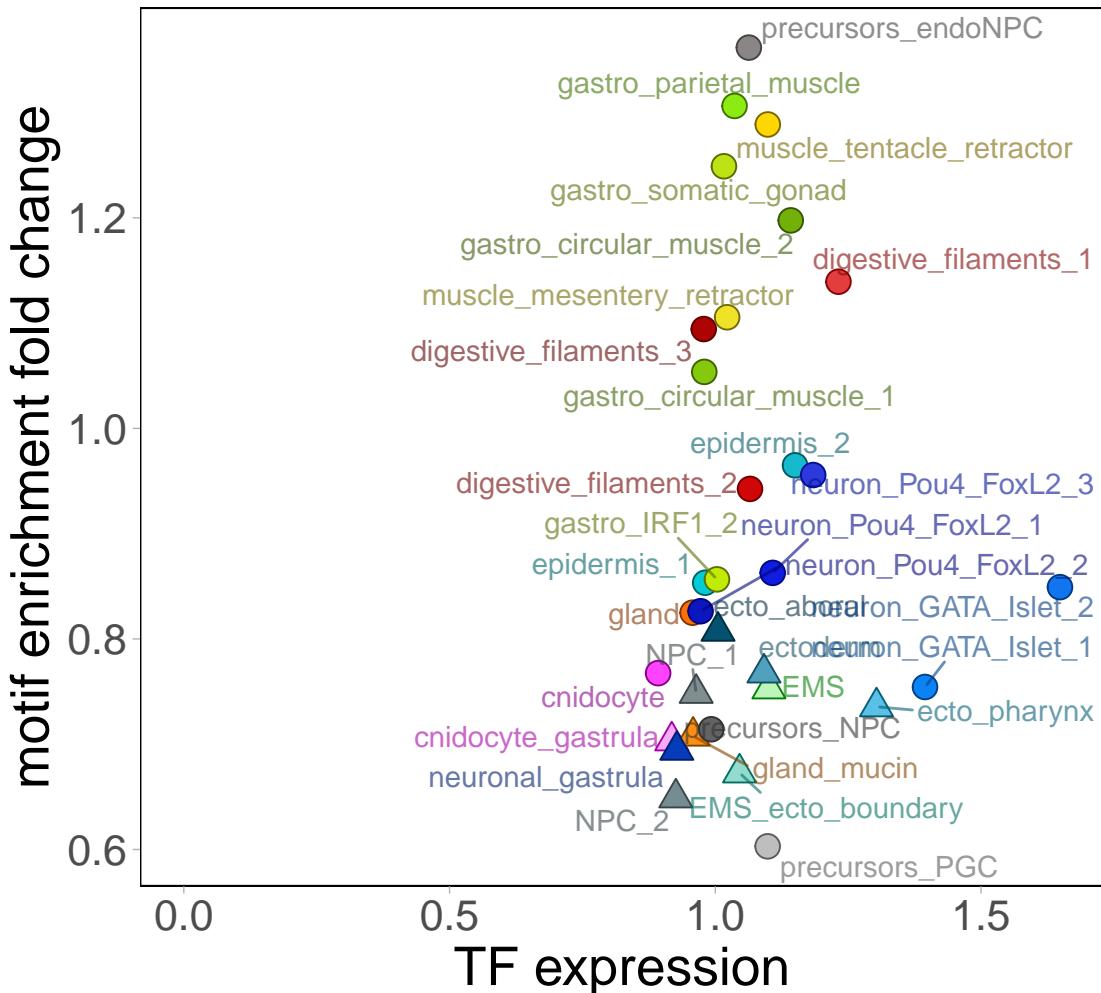
gene expression correlation: 0.0817

gene score correlation: 0.0875

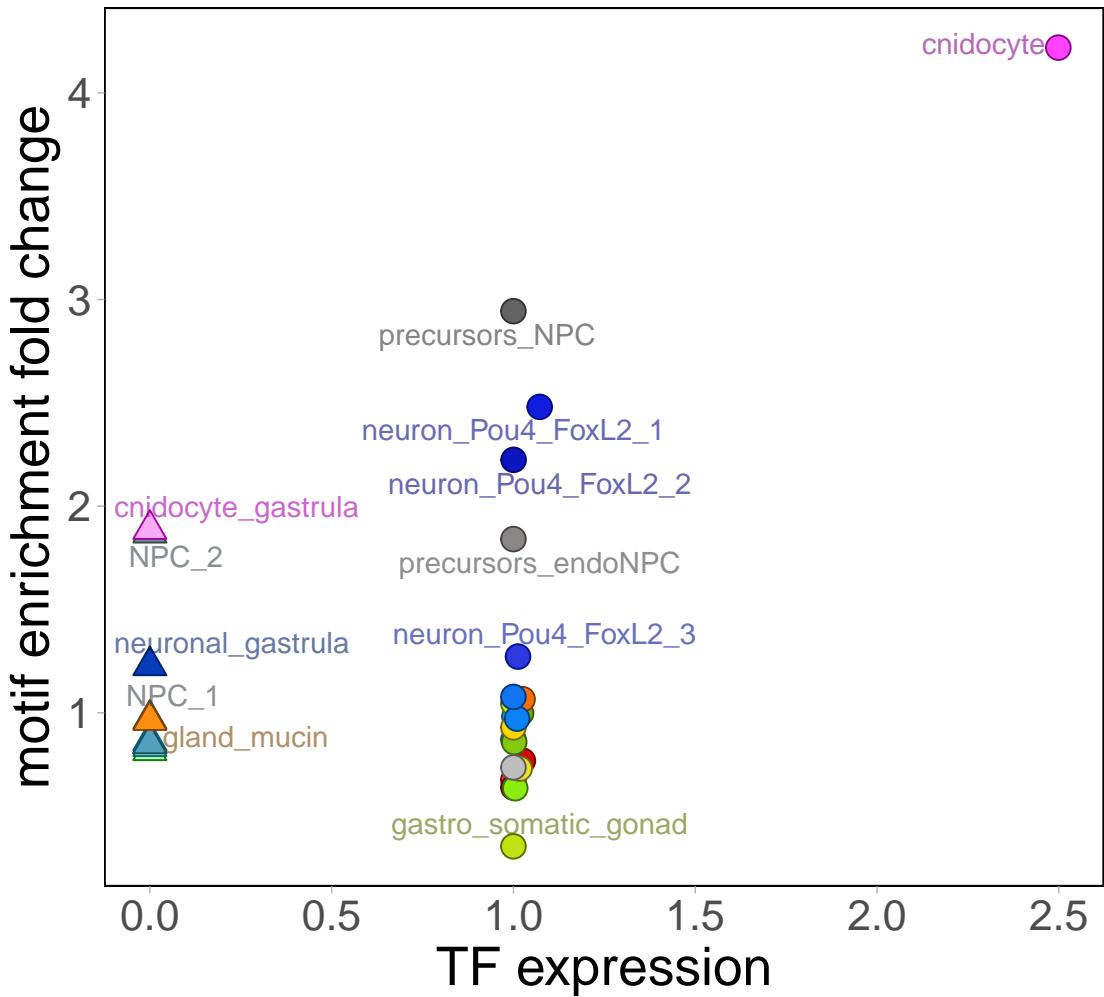
ATTTAGCCTAAC



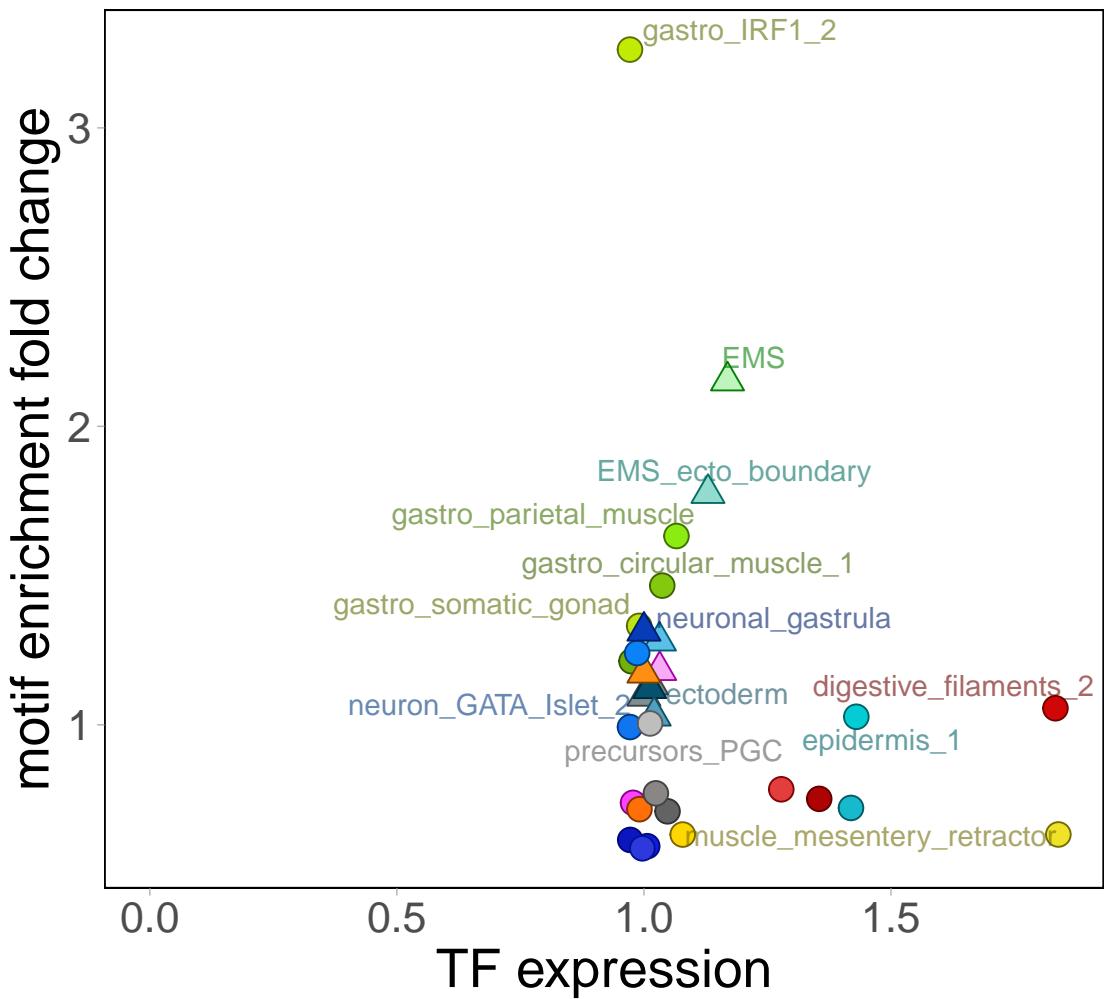
Nvec_vc1.1_XM_001637190.3
OG: zf-C2H2.HG4.11:GLIS1/GLIS3
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1043_ZNF652
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 27
gene expression correlation: 0.0764
gene score correlation: 0.4901



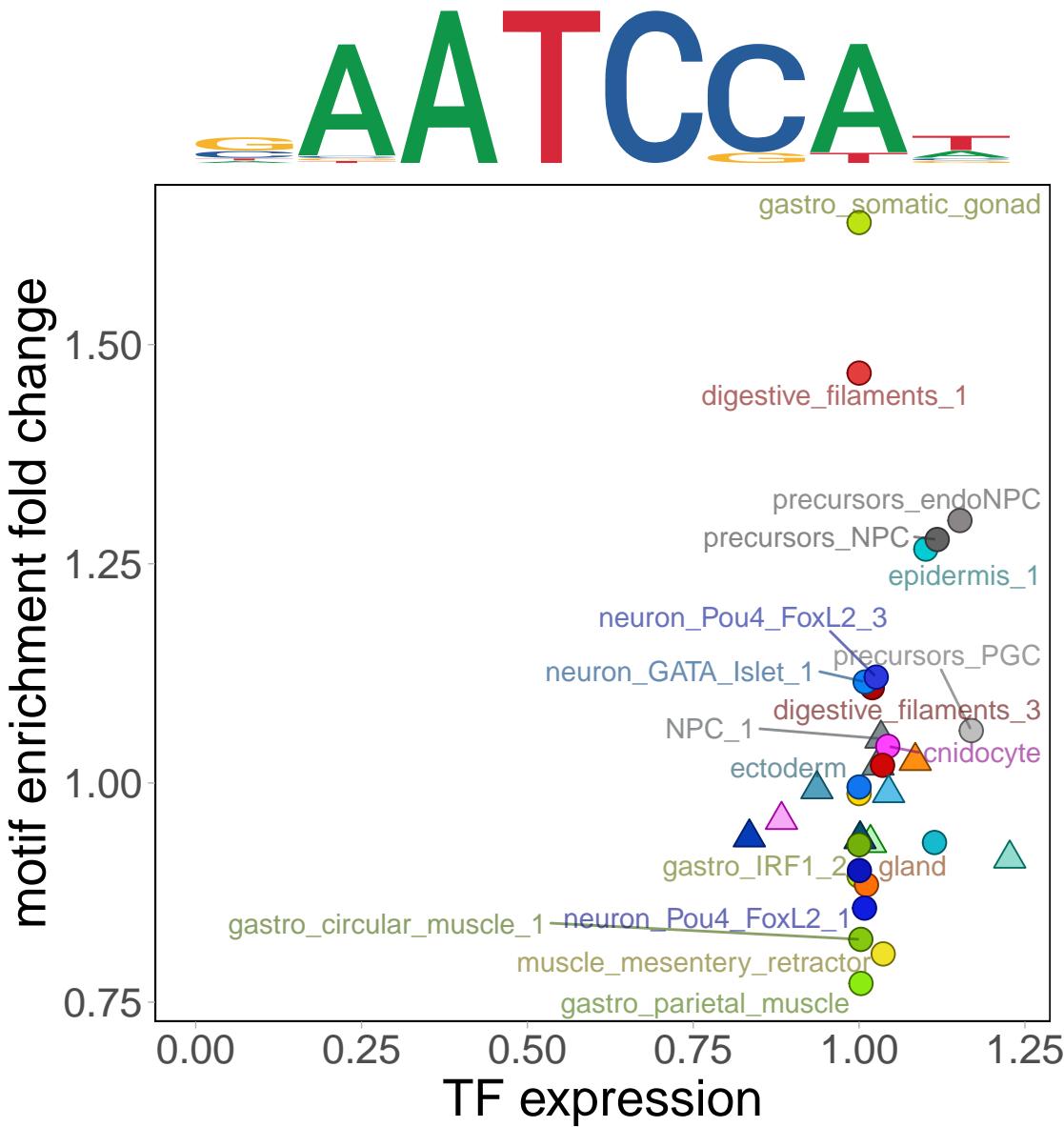
Nvec_vc1.1_XM_001637272.3
OG: zf-C2H2.HG95.1:NA
PFAM: HNF-1_N/zf-C2H2/zf-C2H2/zf-
motif: ARCH861_Scrt2/Scrt1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4061
gene score correlation: 0.8069



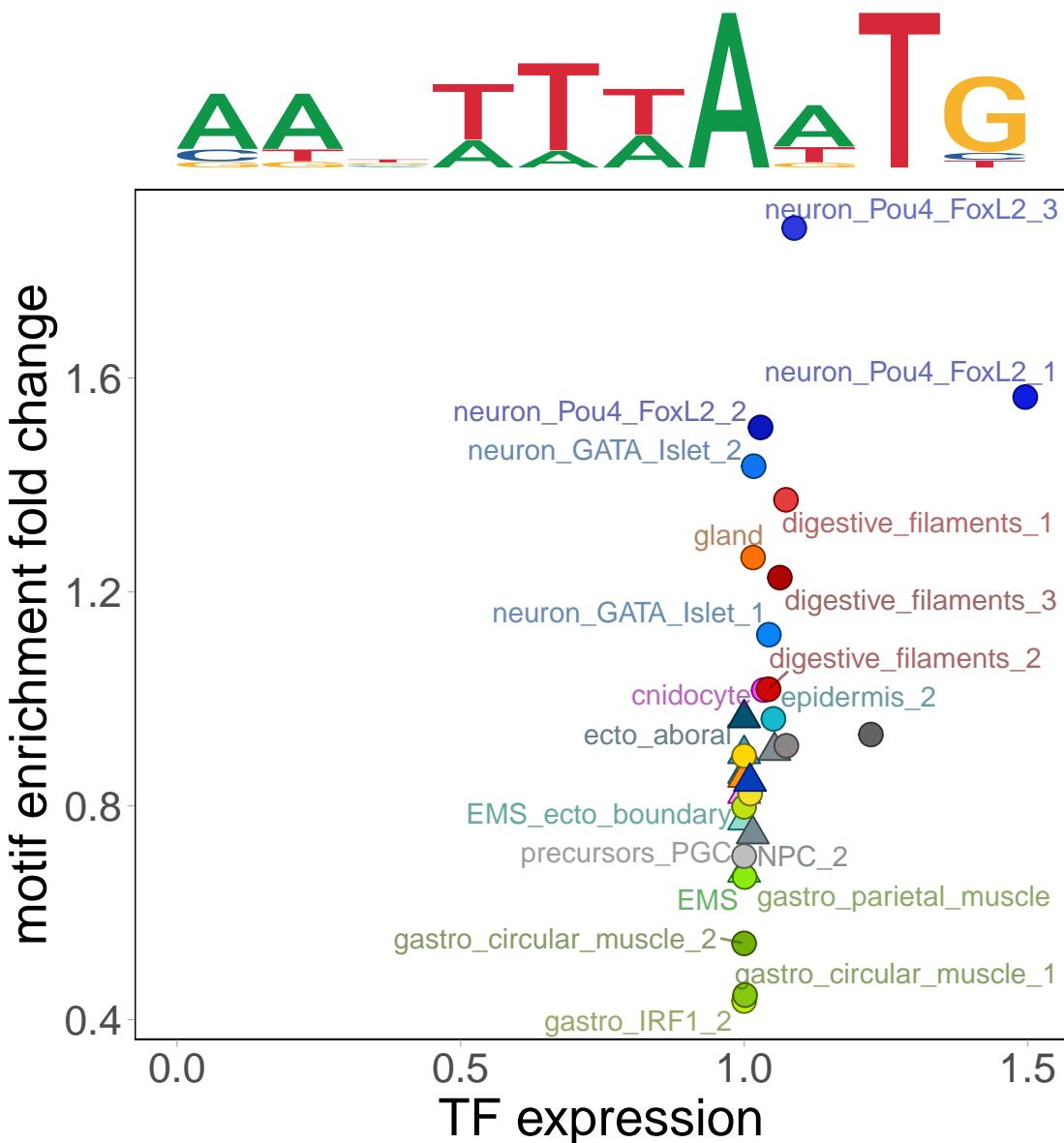
Nvec_vc1.1_XM_001637374.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: ARCH552_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 30
gene expression correlation: -0.1784
gene score correlation: 0.2888



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: 0.1746
gene score correlation: 0.2085



Nvec_vc1.1_XM_001637733.3
OG: Homeodomains.HG1.67:GSX1/GS
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 37
gene expression correlation: 0.4754
gene score correlation: 0.3357



Nvec_vc1.1_XM_001638266.3

OG: bZIP.HG1.0:CREBL2

PFAM: bZIP_2

motif: ARCH1628_Crebl2

TF family: bZIP

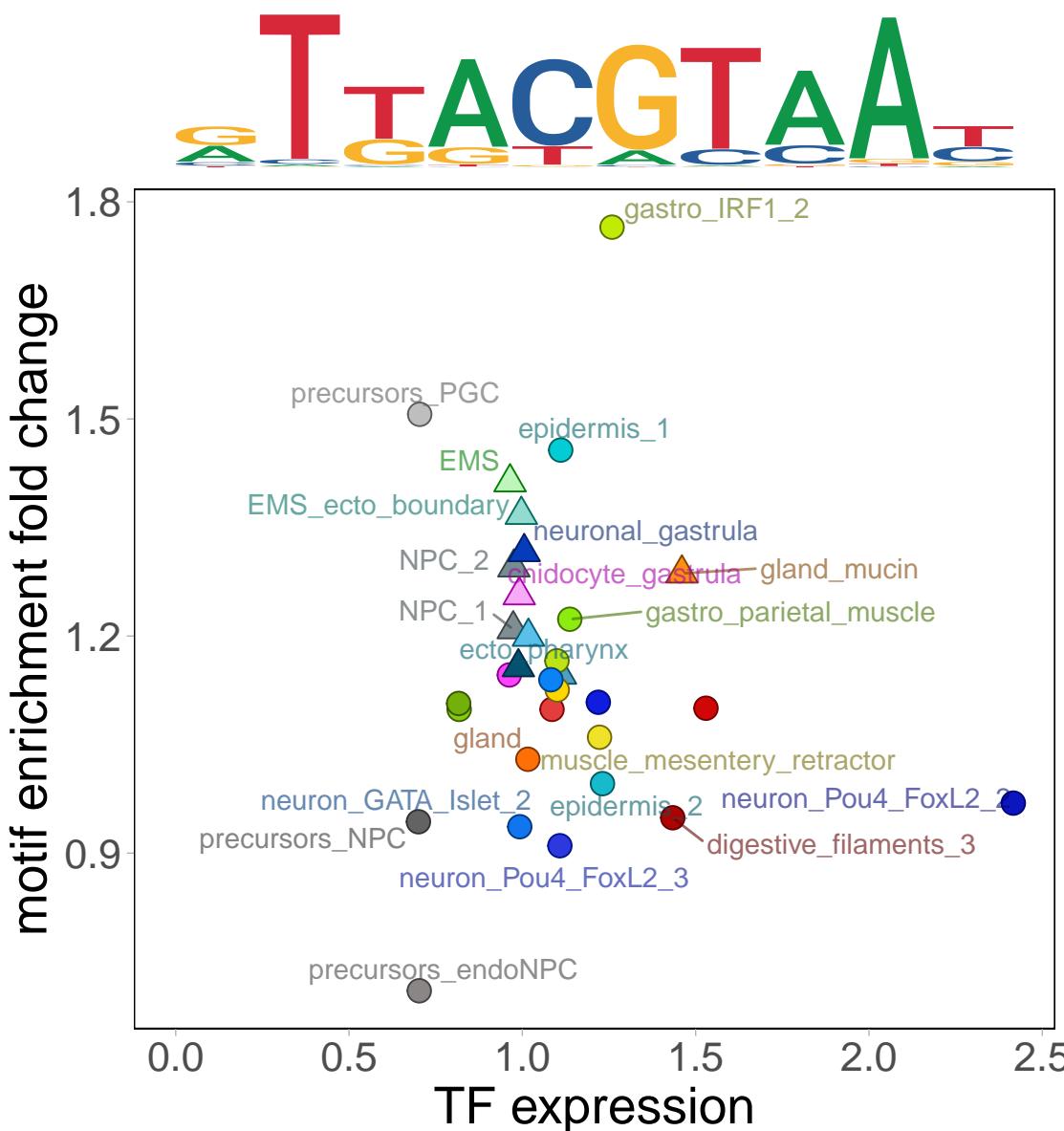
archetype family: bZIP

CisBP assigned: TRUE

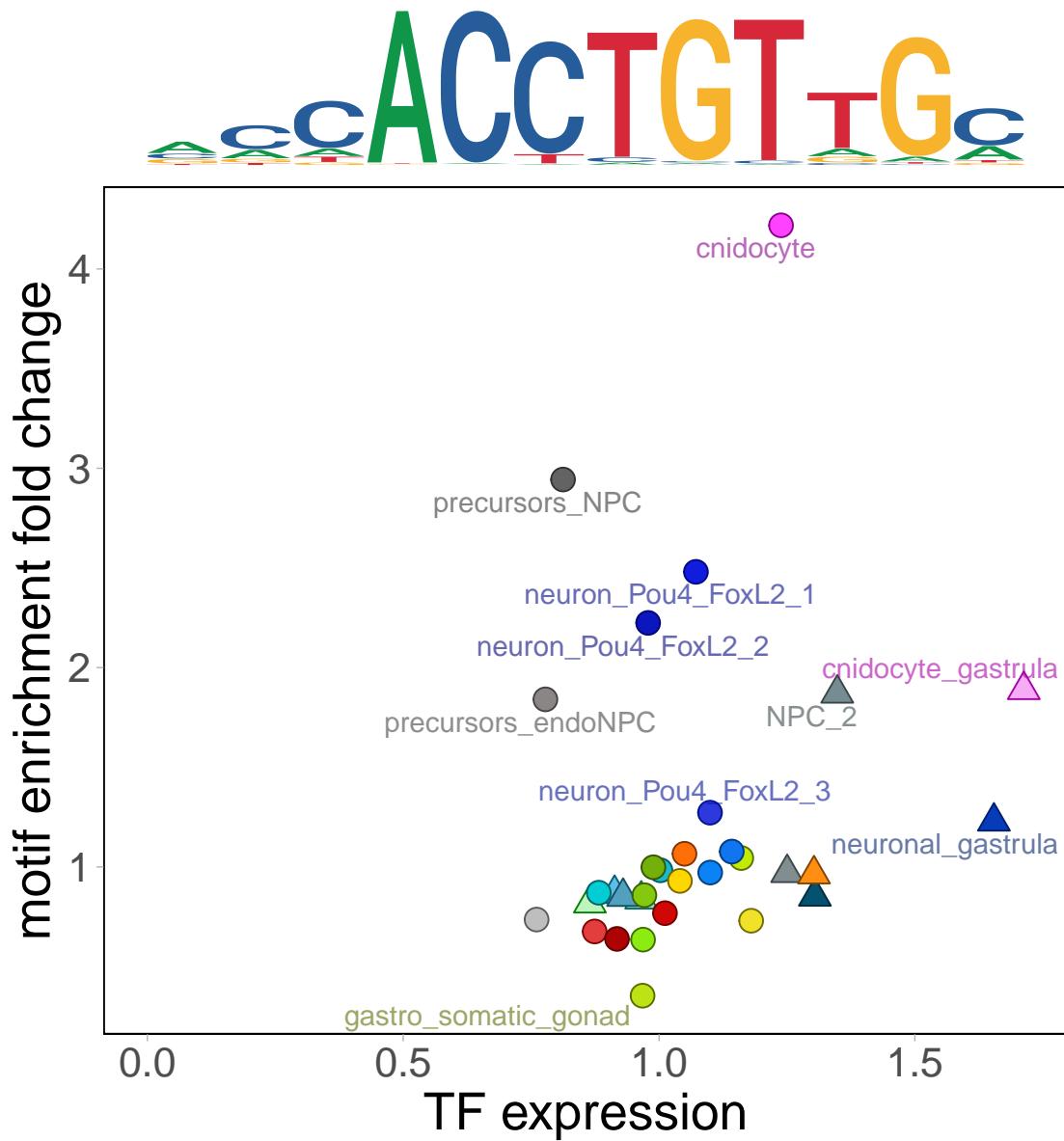
rank: 454

gene expression correlation: -0.0769

gene score correlation: -0.1186



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: 0.1872
gene score correlation: 0.2808



Nvec_vc1.1_XM_001638841.3

OG: Forkhead.HG1.22:FOXG1

PFAM: Forkhead

motif: ARCH829_PB0121.1_Foxj3_2

TF family: Forkhead

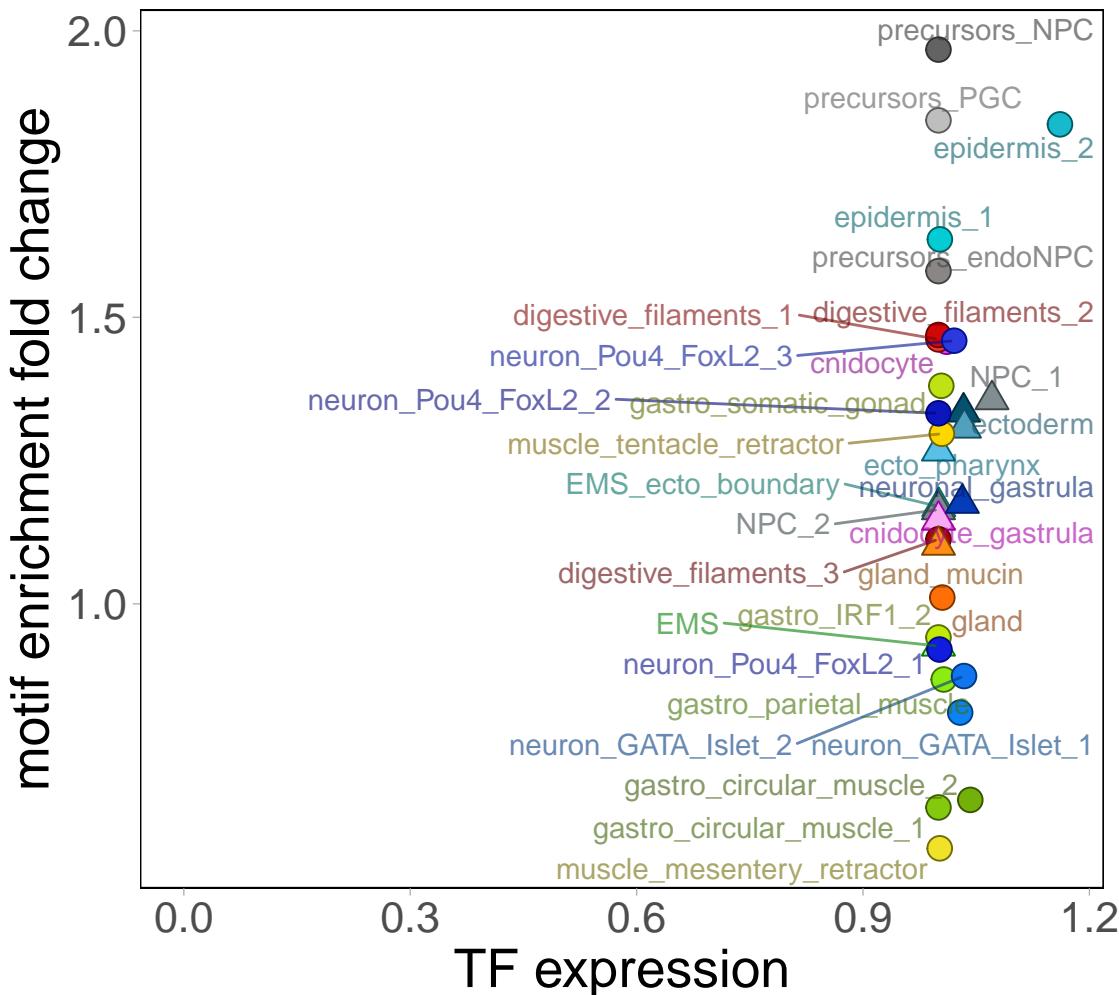
archetype family: Forkhead

CisBP assigned: FALSE

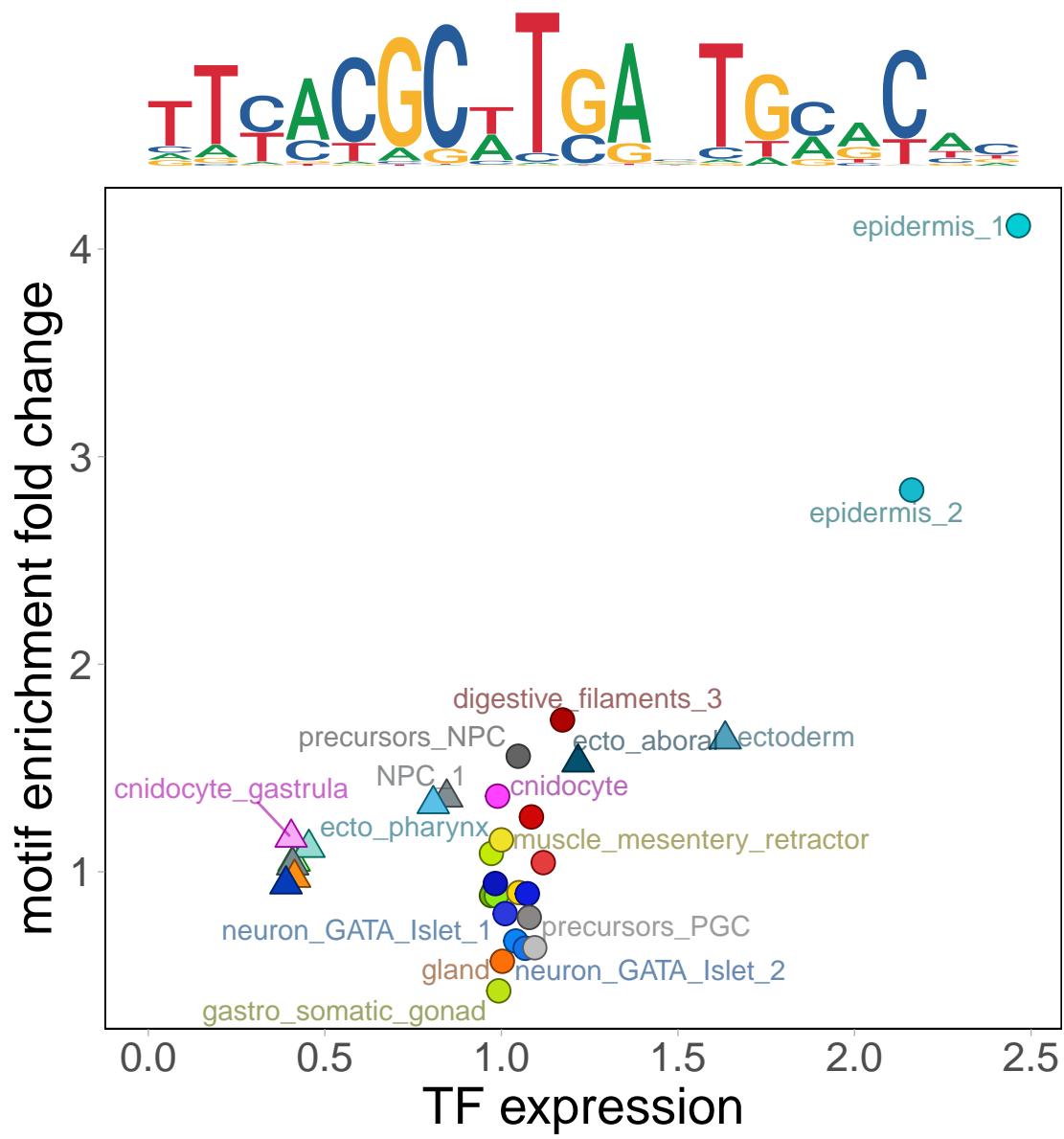
rank: 1

gene expression correlation: 0.2070

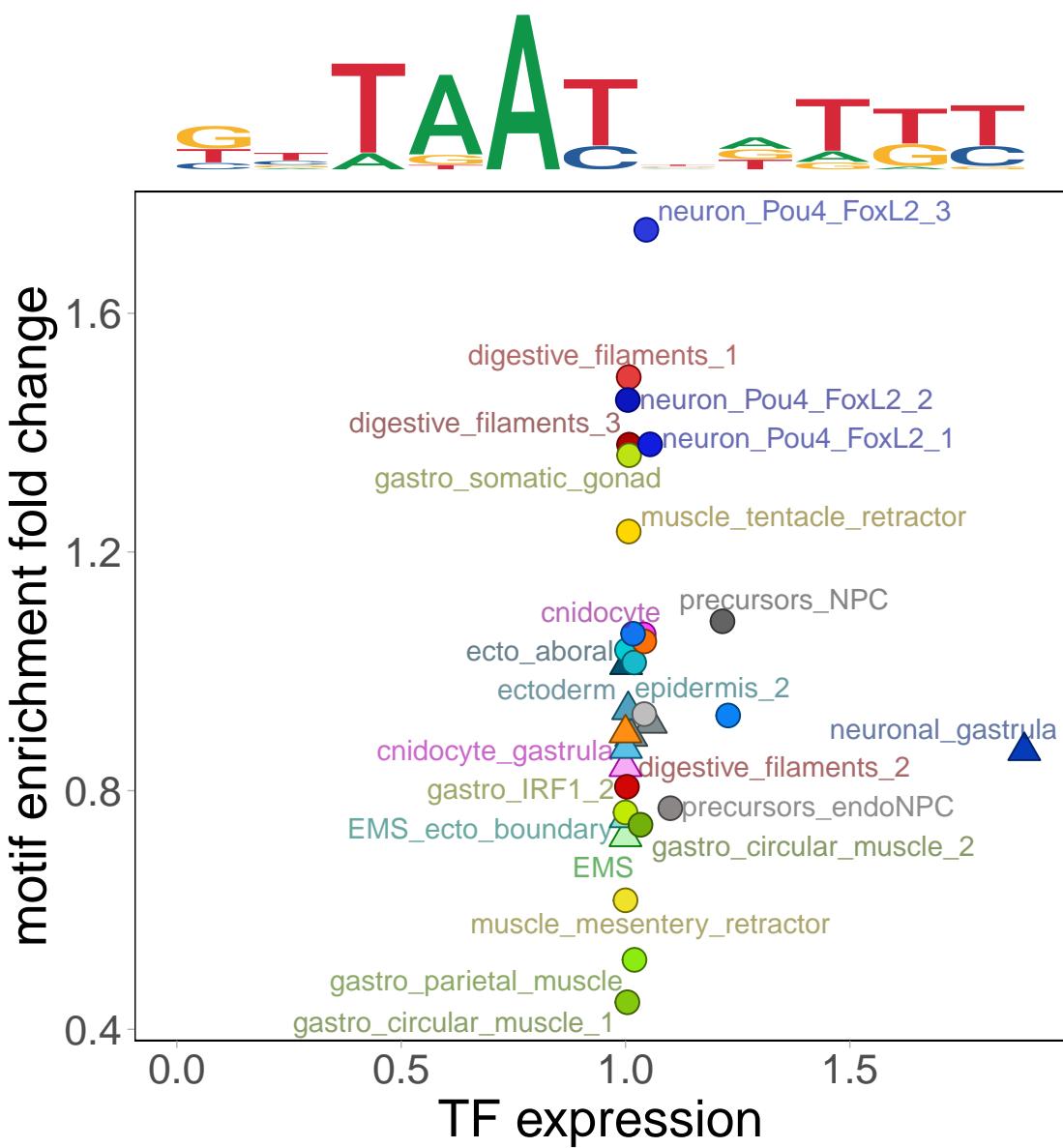
gene score correlation: 0.6257



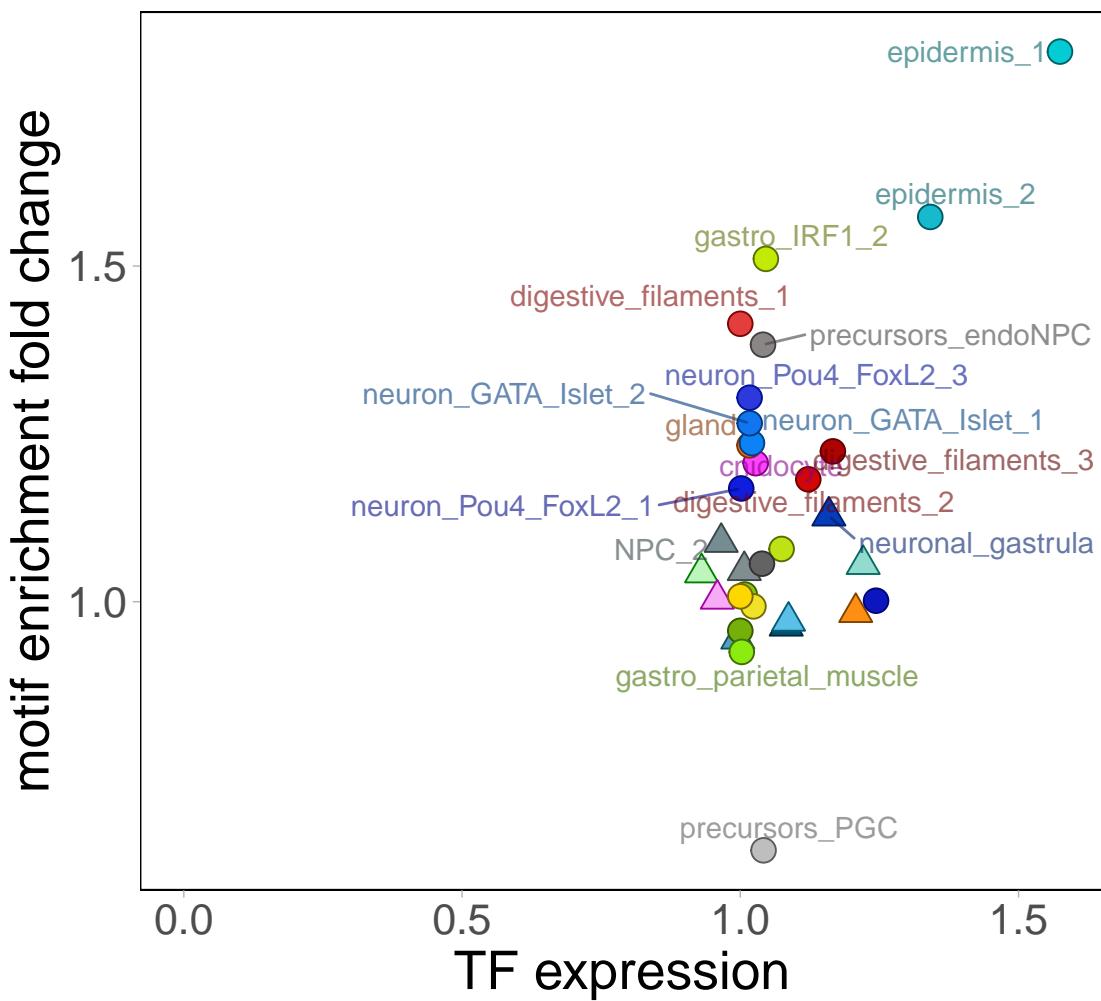
Nvec_vc1.1_XM_001639101.3
OG: Homeodomains.HG2.27:like:PAX1/
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.7254
gene score correlation: 0.9237



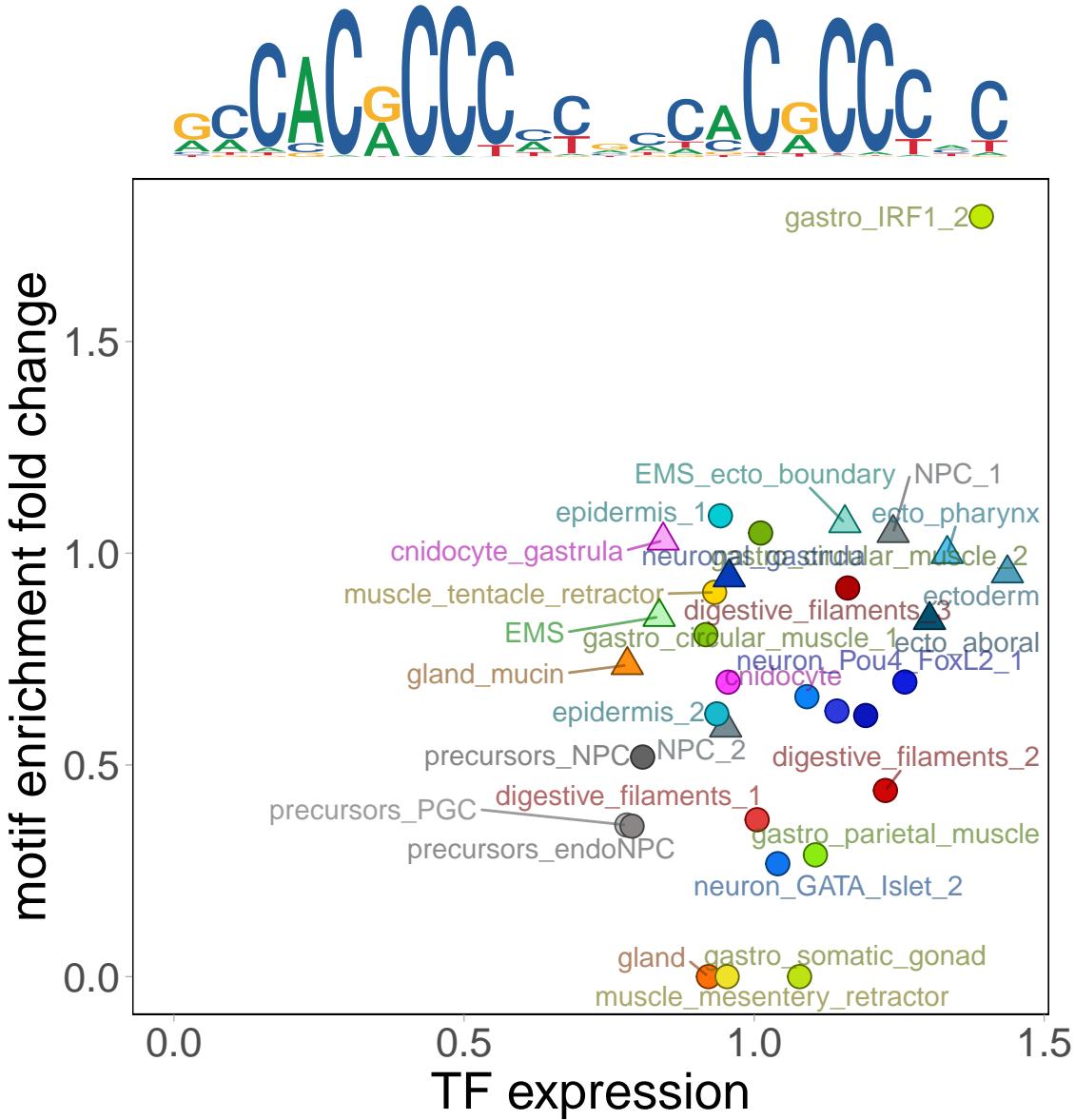
Nvec_vc1.1_XM_001639164.3
OG: Homeodomains.HG2.36:like:AC025
PFAM: Homeodomain
motif: ARCH41_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 56
gene expression correlation: -0.0491
gene score correlation: 0.2135



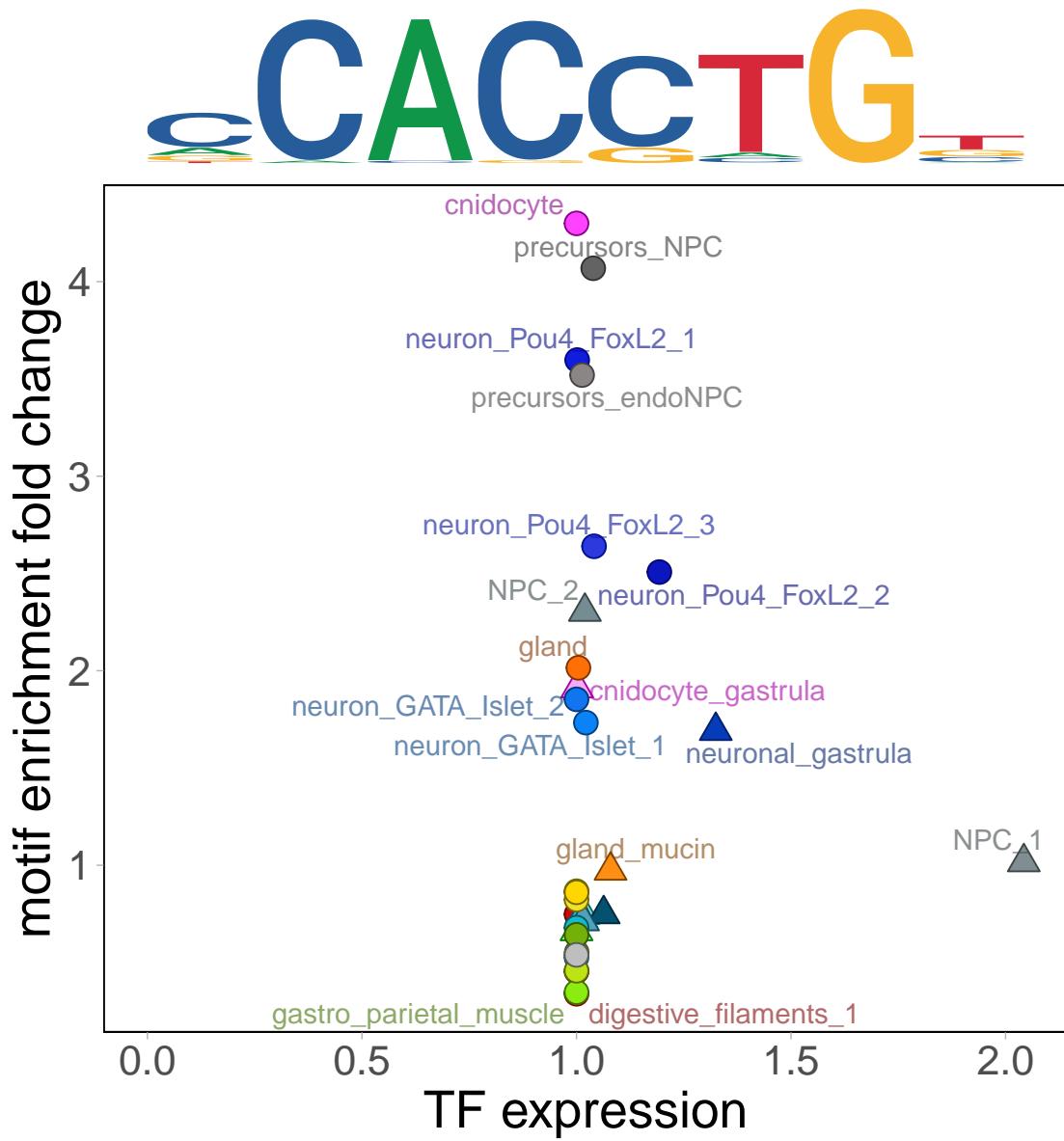
Nvec_vc1.1_XM_001639307.3
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB
PFAM: bZIP_Maf
motif: ARCH1485_Atf3/Jdp2_Fos/Fosb.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 73
gene expression correlation: 0.5119
gene score correlation: 0.5162



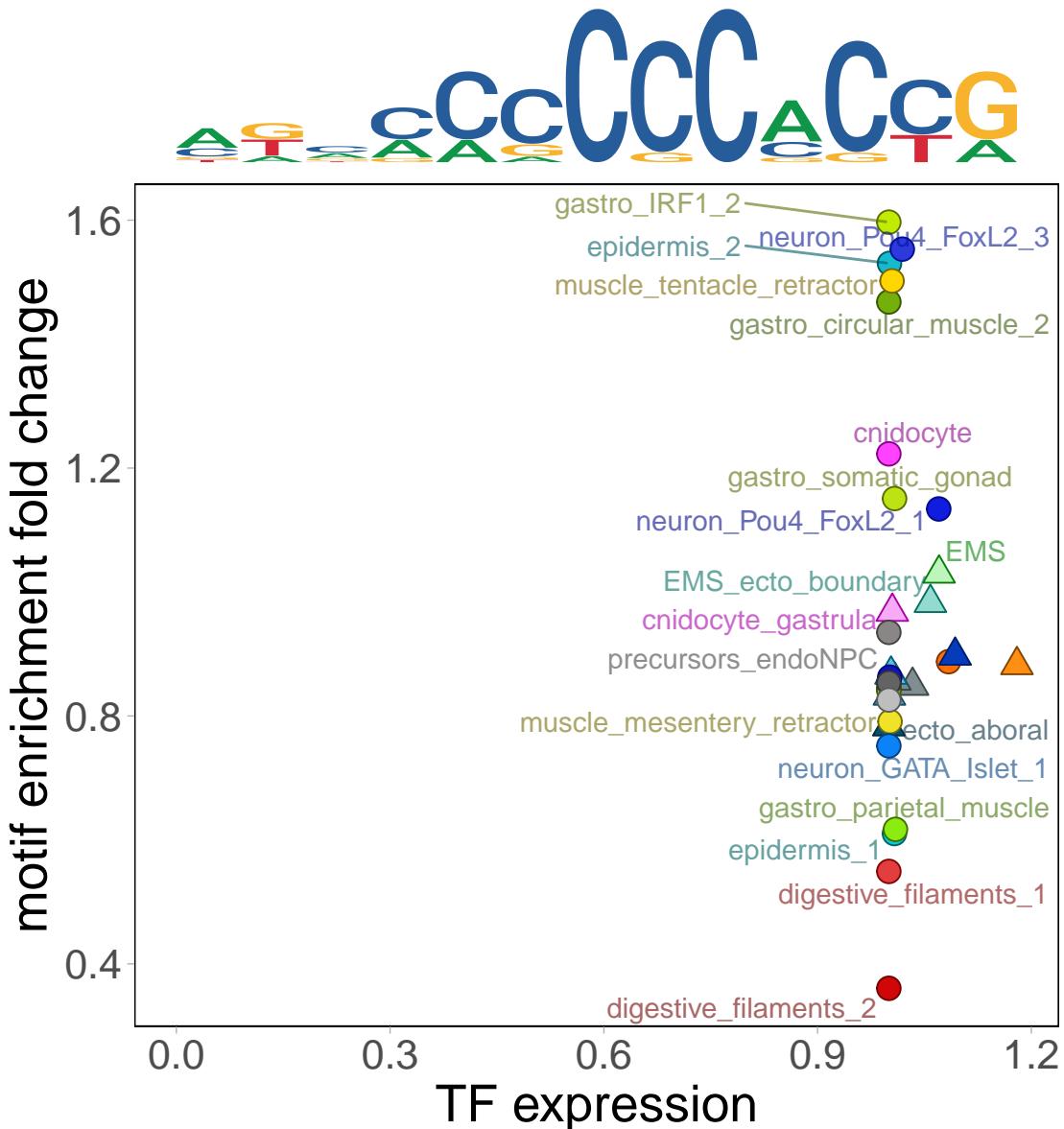
Nvec_vc1.1_XM_001639547.3
OG: zf-C2H2.HG2.11:KLF10/KLF11
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH347_Klf1/Klf4/Klf2_Klf1...
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 637
gene expression correlation: 0.3710
gene score correlation: -0.1557



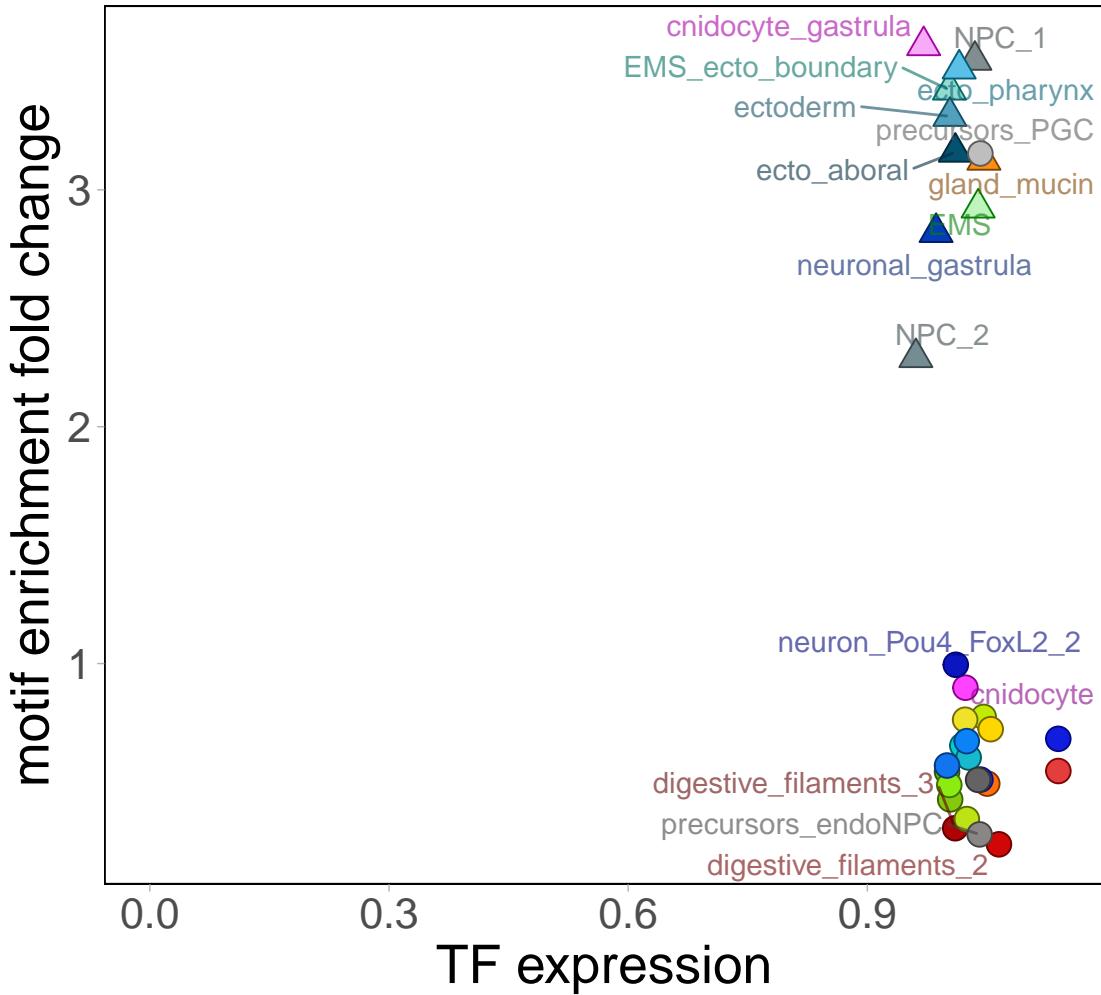
Nvec_vc1.1_XM_001639705.3
OG: zf-C2H2.HG1.30:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH480_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 17
gene expression correlation: -0.0039
gene score correlation: 0.2202



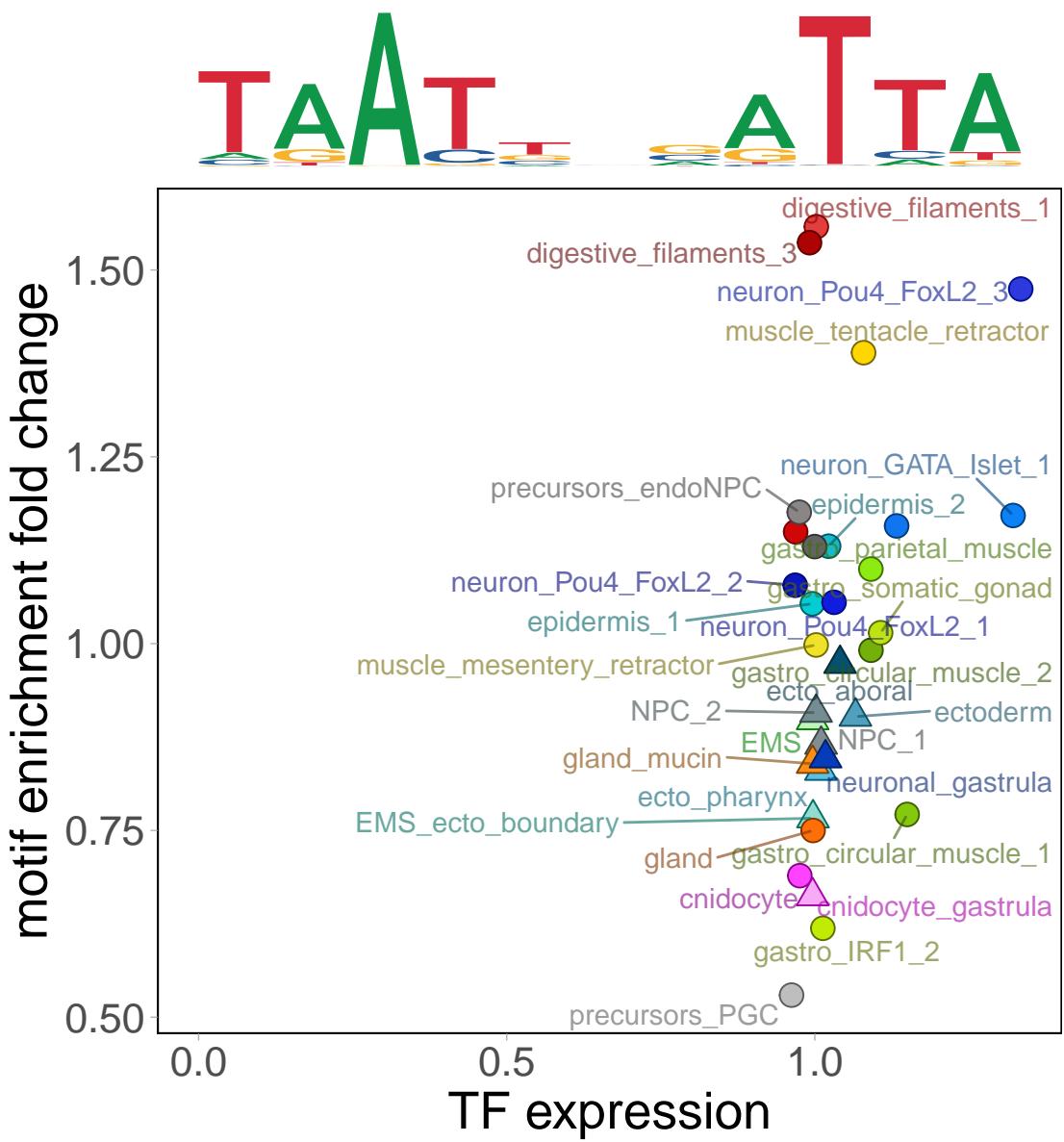
Nvec_vc1.1_XM_001639717.3
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH502_M06063_2.00
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 23
gene expression correlation: -0.0065
gene score correlation: 0.1426



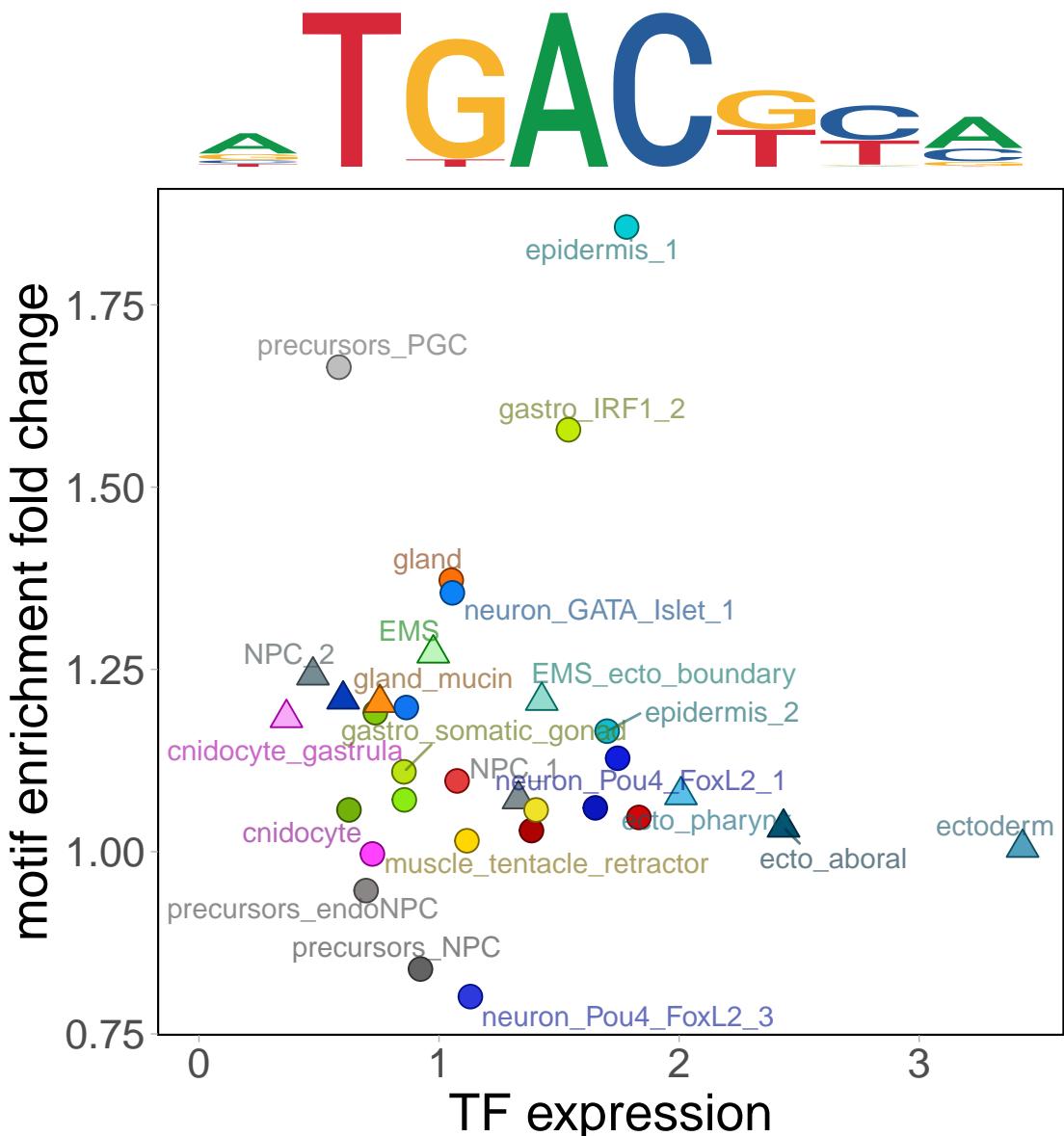
Nvec_vc1.1_XM_001639766.3
OG: zf-C2H2.HG3.18:like:HINFP/HIVE
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH419_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: -0.3210
gene score correlation: -0.1150



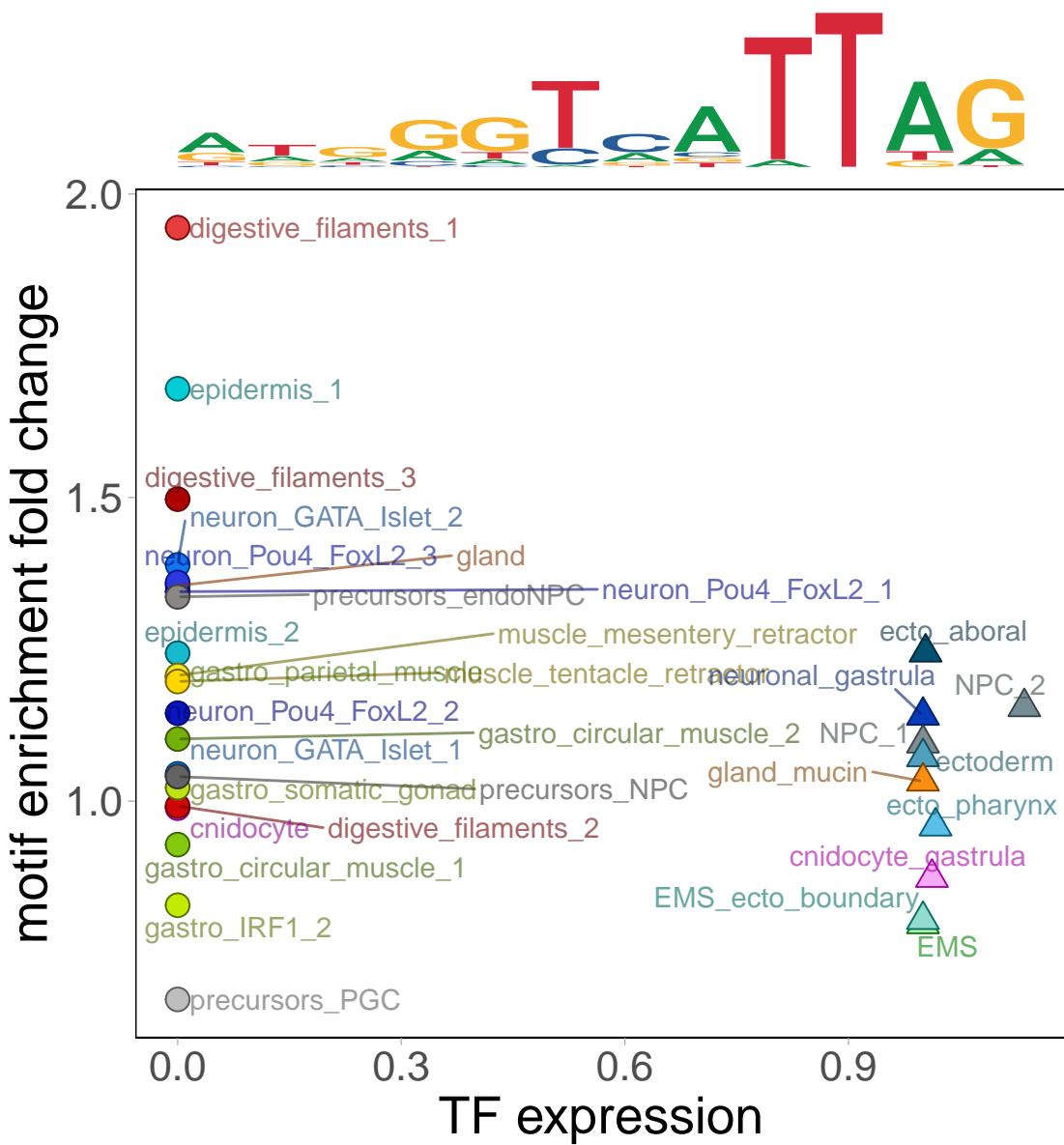
Nvec_vc1.1_XM_001640781.3
OG: Homeodomains.HG1.41:NKX1-1/N
PFAM: Homeodomain
motif: ARCH91_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 39
gene expression correlation: 0.3419
gene score correlation: 0.3290



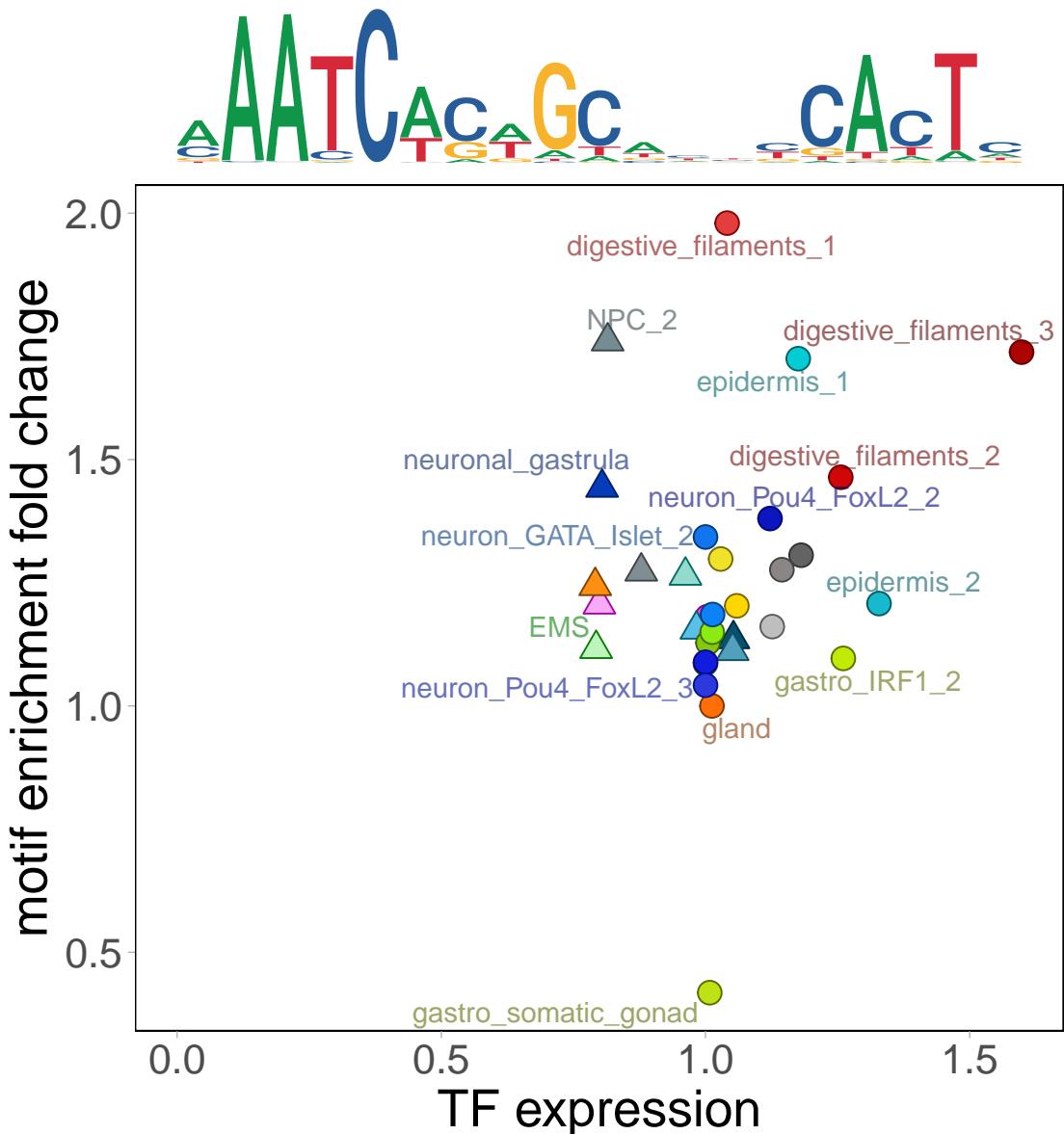
Nvec_vc1.1_XM_001640853.3
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
motif: ARCH1611_Fos/Fosb/Fosl1/Fosl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 22
gene expression correlation: -0.0747
gene score correlation: 0.1354



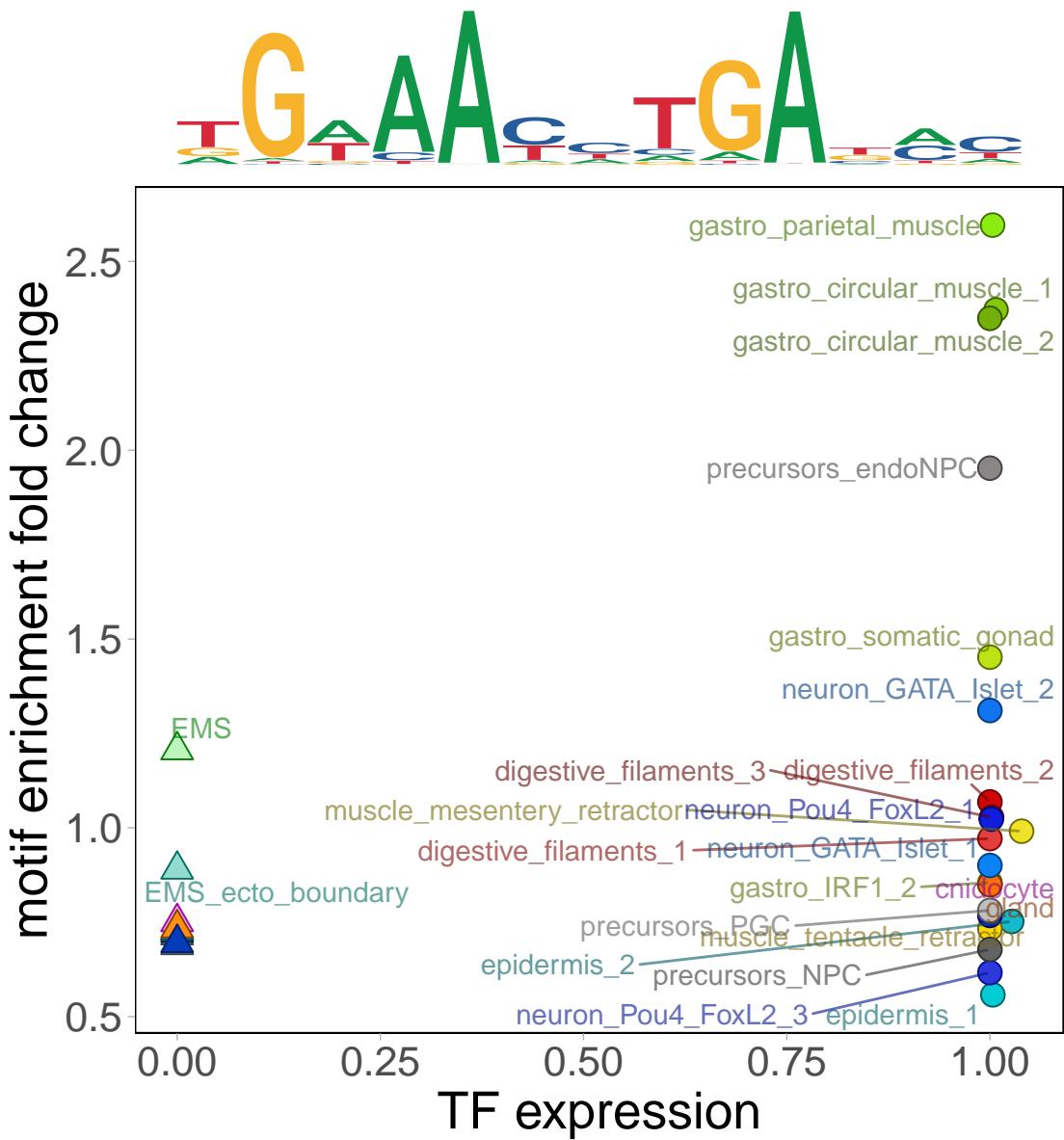
Nvec_vc1.1_XM_001641032.3
OG: Homeodomains.HG1.18:NANOG/N
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 64
gene expression correlation: -0.3335
gene score correlation: -0.3378



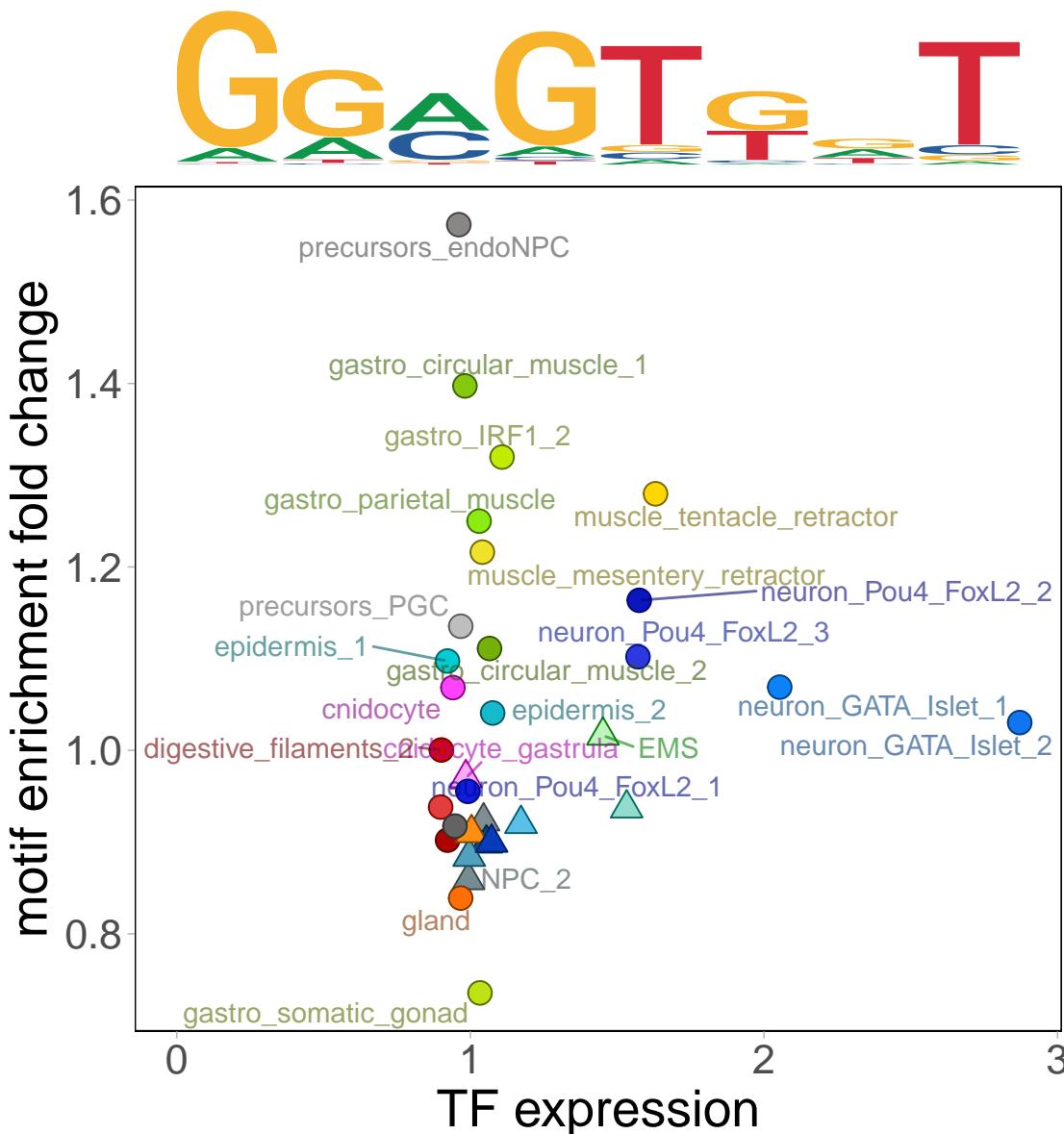
Nvec_vc1.1_XM_001641086.3
OG: zf-C2H2.HG7.5:SNAI1/SNAI2/SNA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 39
gene expression correlation: 0.1996
gene score correlation: 0.1985



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: 0.3262
gene score correlation: 0.7551



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: 0.0825
gene score correlation: 0.3957



Nvec_vc1.1_XM_032361813.2

OG: Myb.HG1.23:TERB1/TERF2

PFAM: Myb_DNA-binding

motif: ARCH1391_MYB113

TF family: Myb

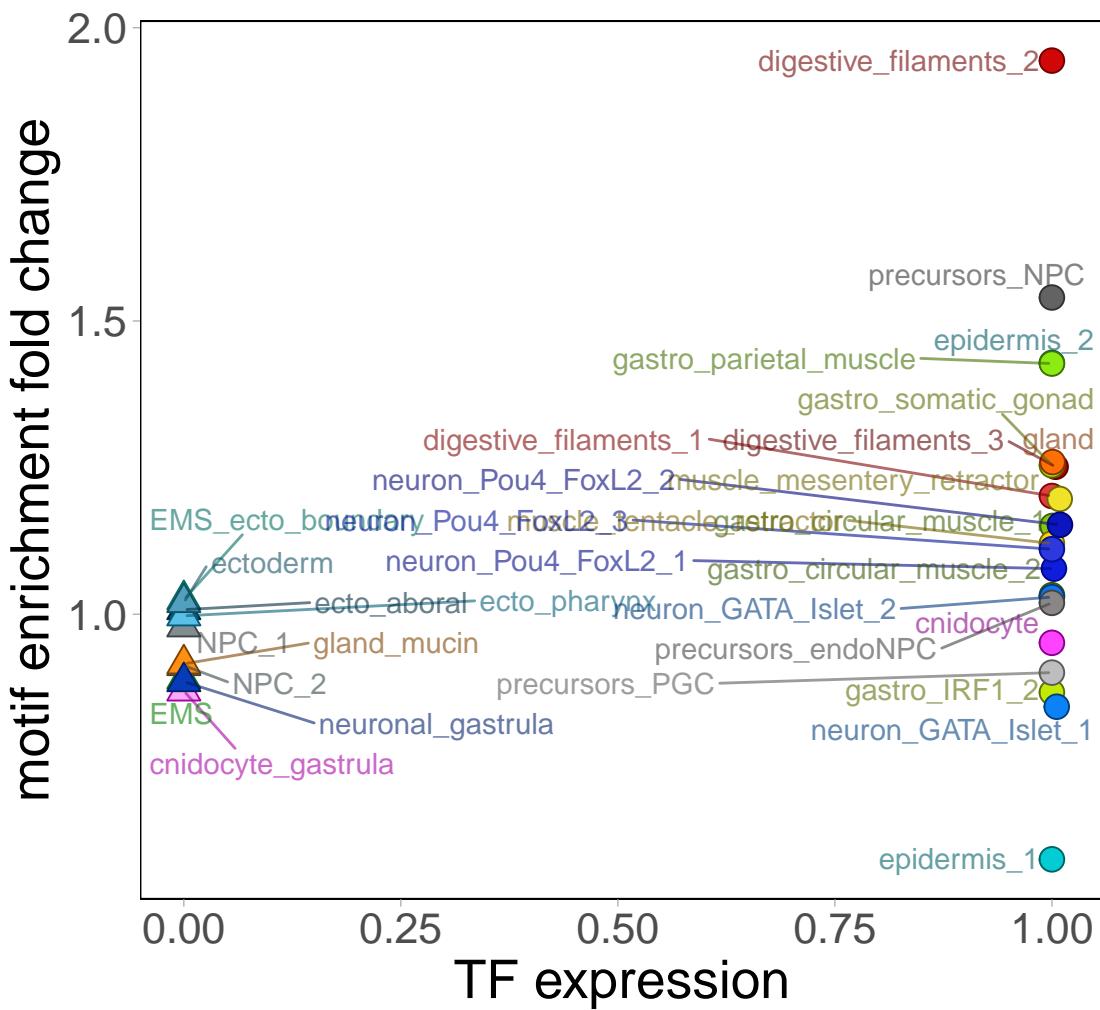
archetype family: Myb

CisBP assigned: FALSE

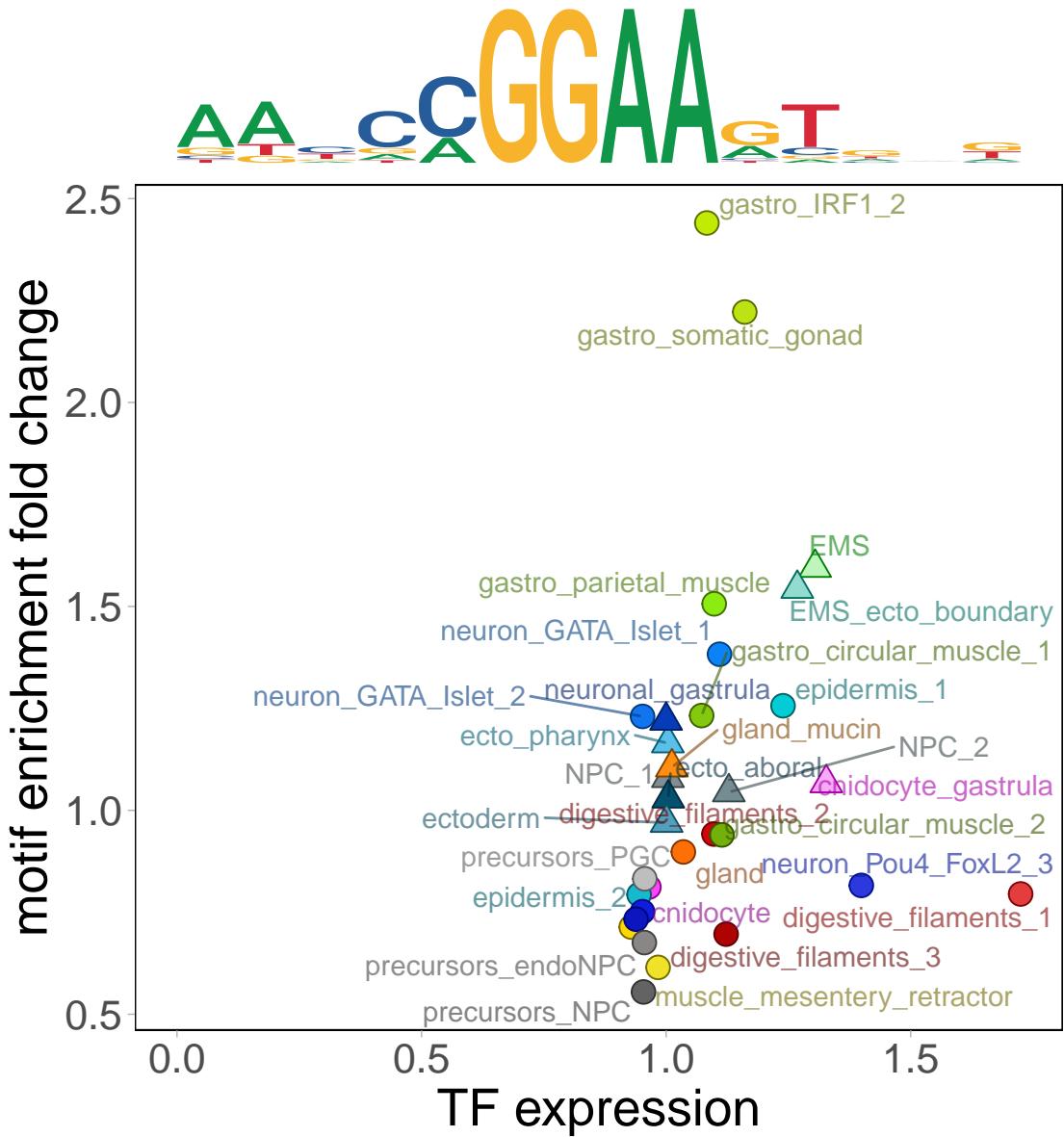
rank: 846

gene expression correlation: 0.3794

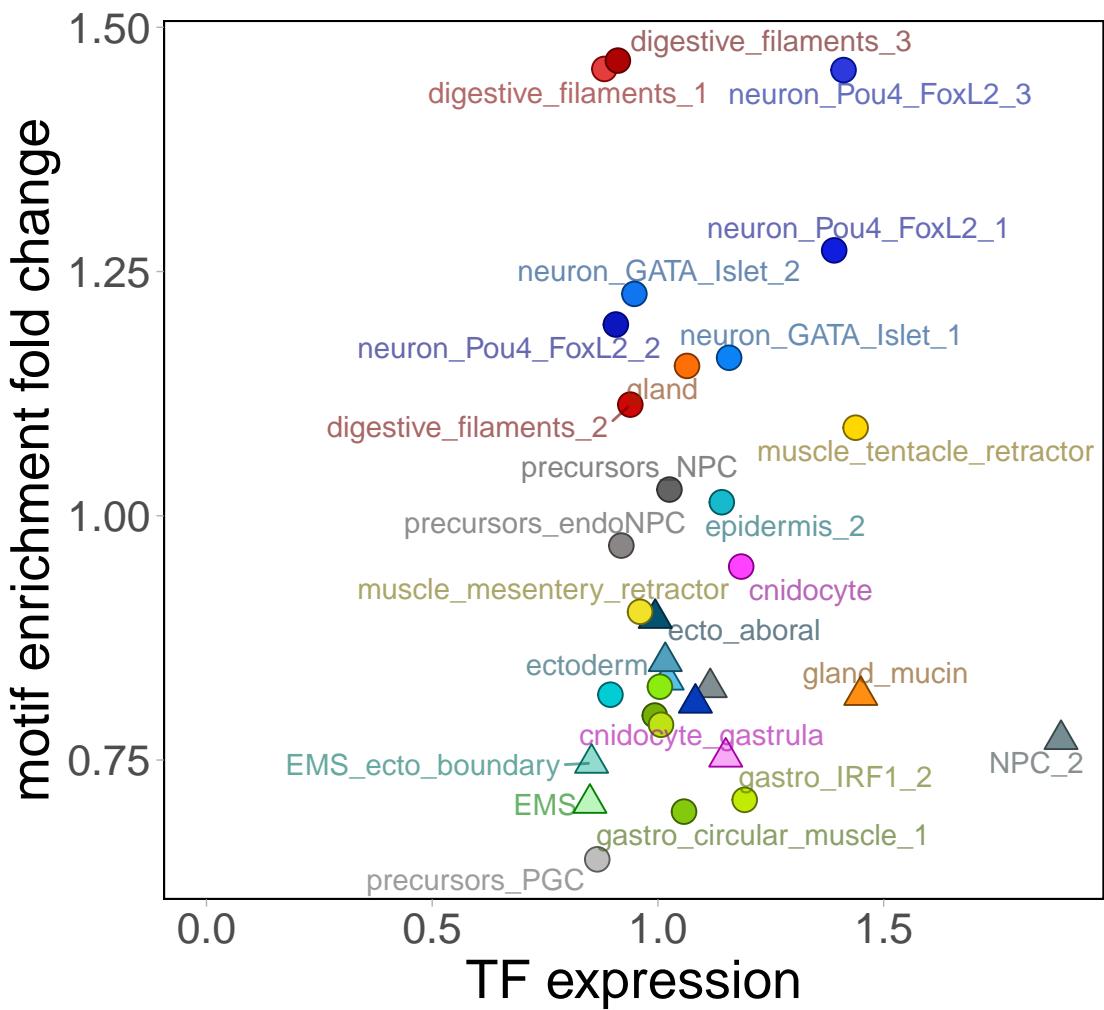
gene score correlation: -0.0630



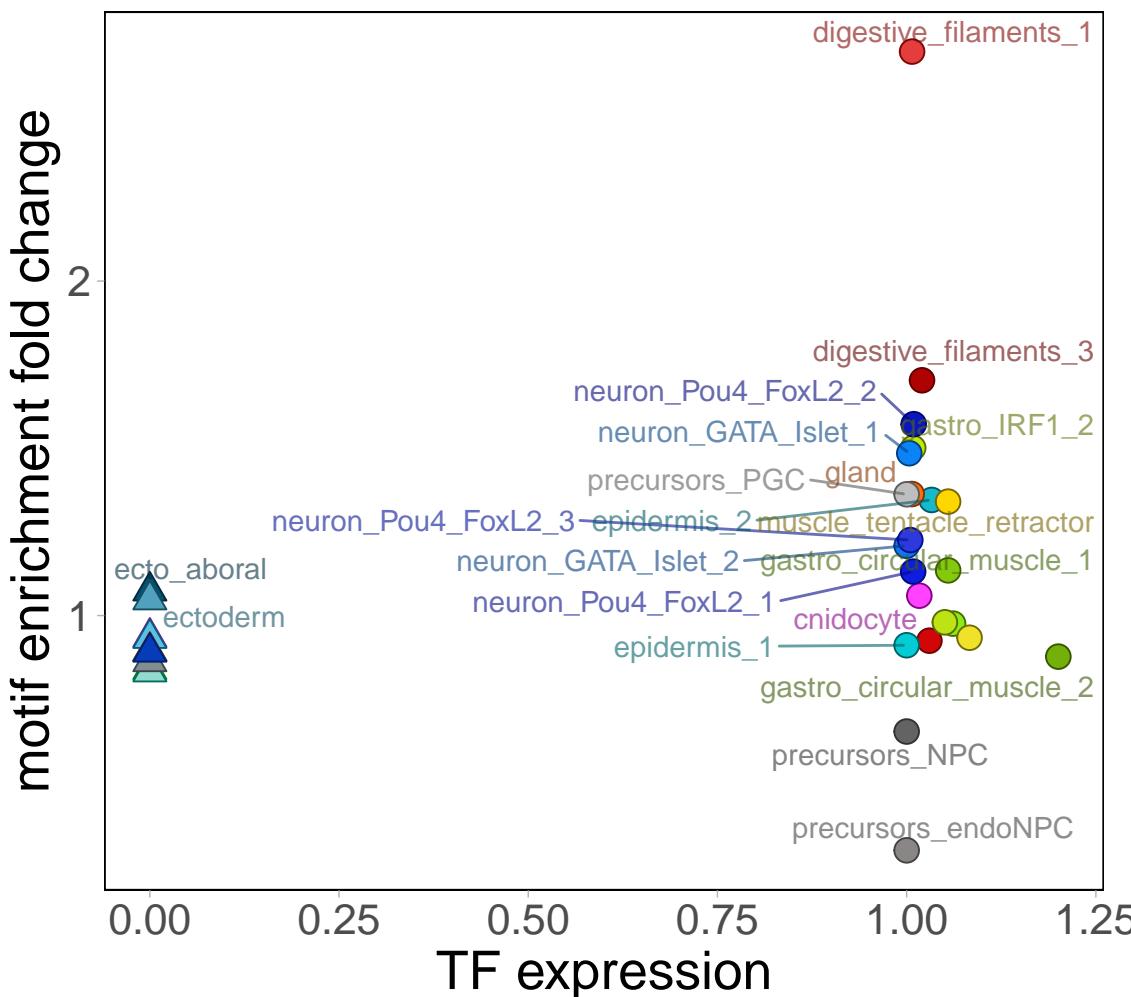
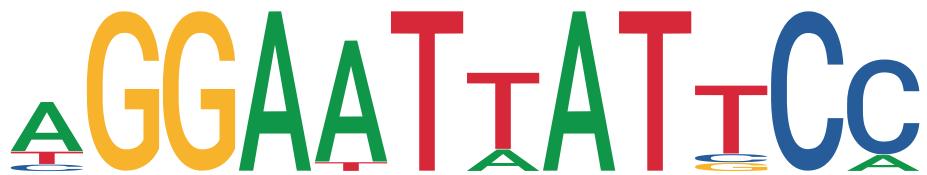
Nvec_vc1.1_XM_032361849.2
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: ARCH572_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 4
gene expression correlation: 0.1936
gene score correlation: 0.7341



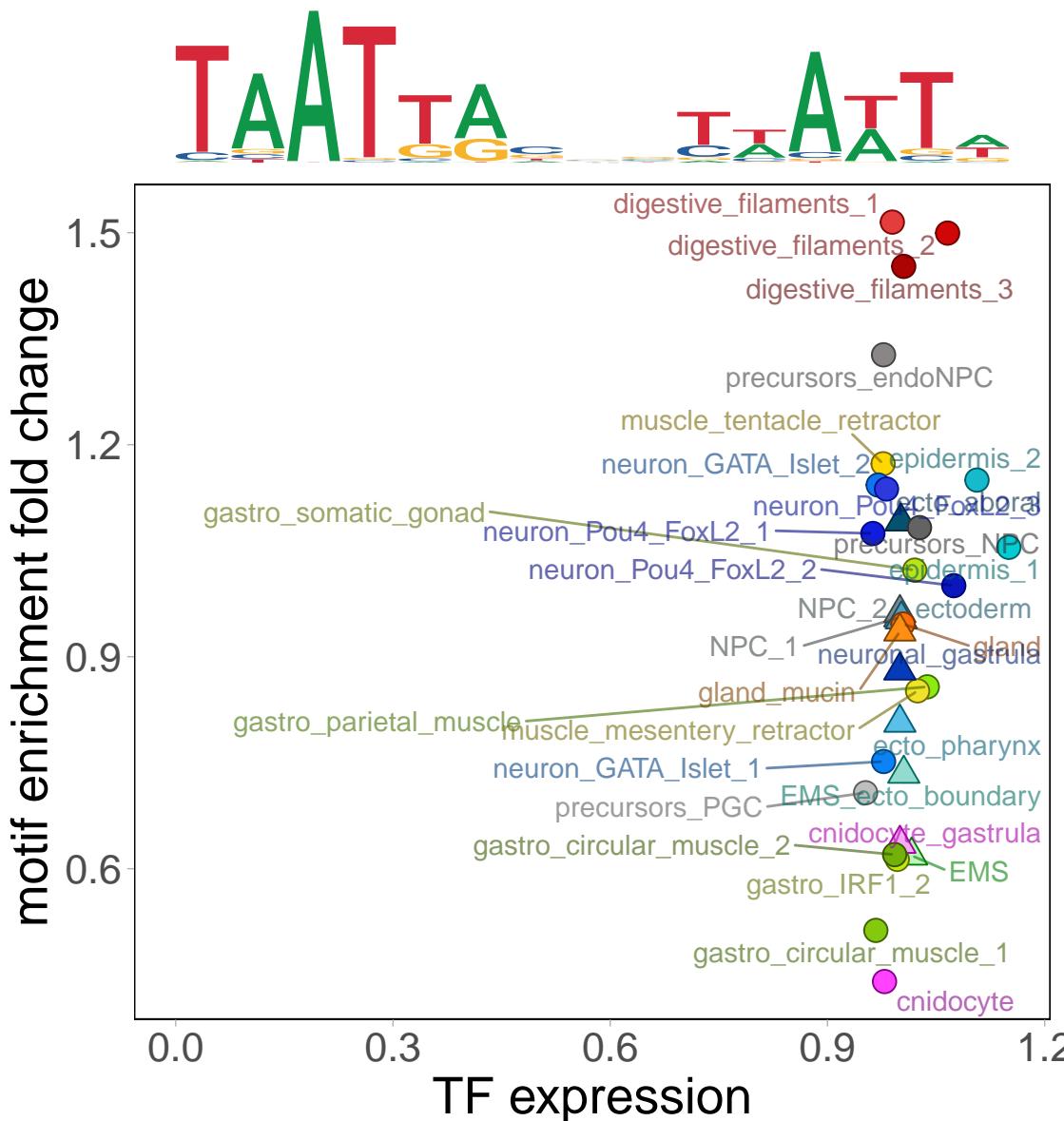
Nvec_vc1.1_XM_032362135.2
OG: ARID_BRIGHT.HG1.9:ARID3A/AR
PFAM: ARID
motif: ARCH13_Arid2_Arid3c/Arid3a/...
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: TRUE
rank: 41
gene expression correlation: 0.0311
gene score correlation: 0.1469



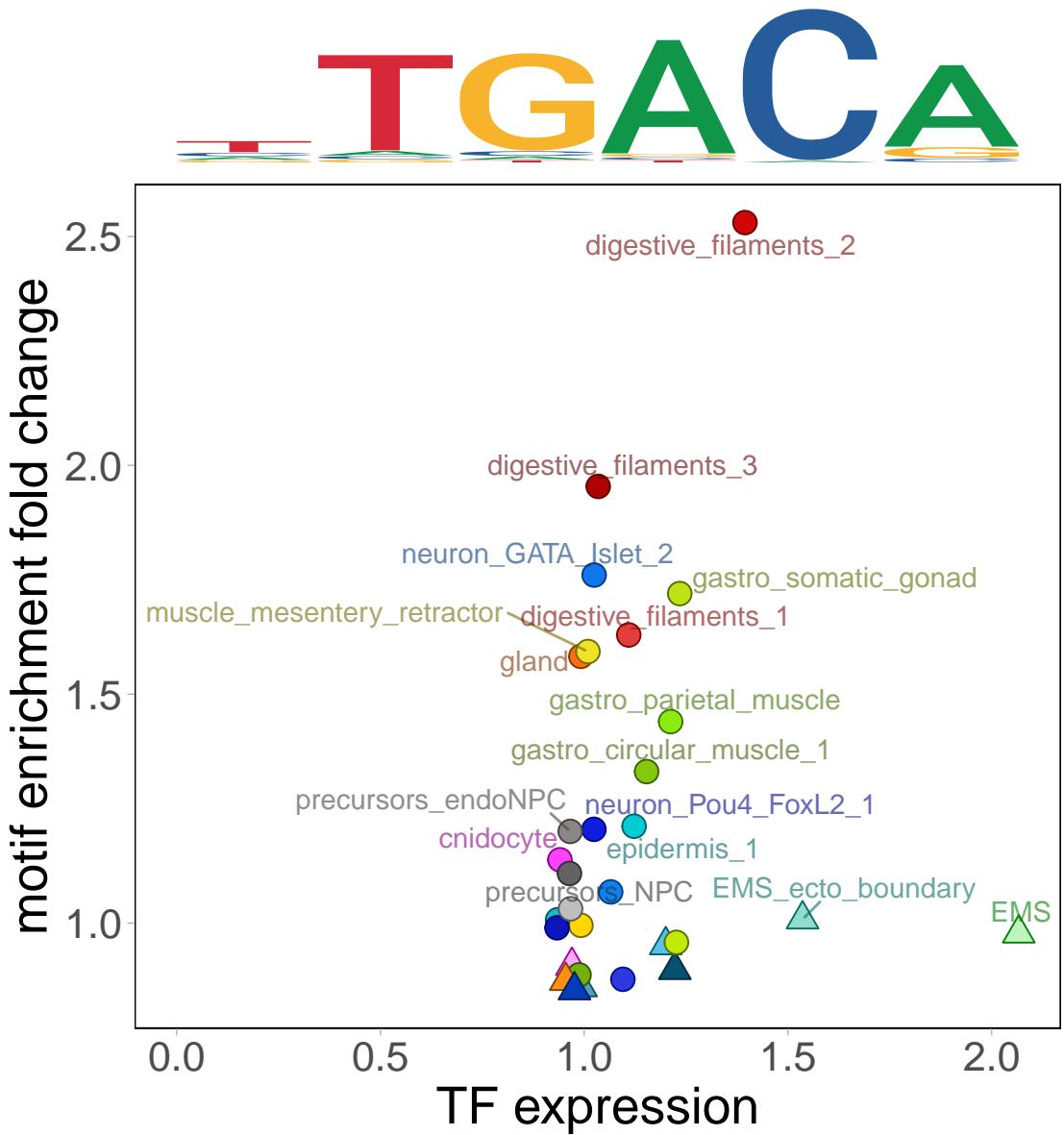
Nvec_vc1.1_XM_032362307.2
OG: Homeodomains.HG1.66:like:GSX1
PFAM: Homeodomain
motif: ARCH1055_MF0010.1_Homeob
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 464
gene expression correlation: 0.3240
gene score correlation: -0.1458



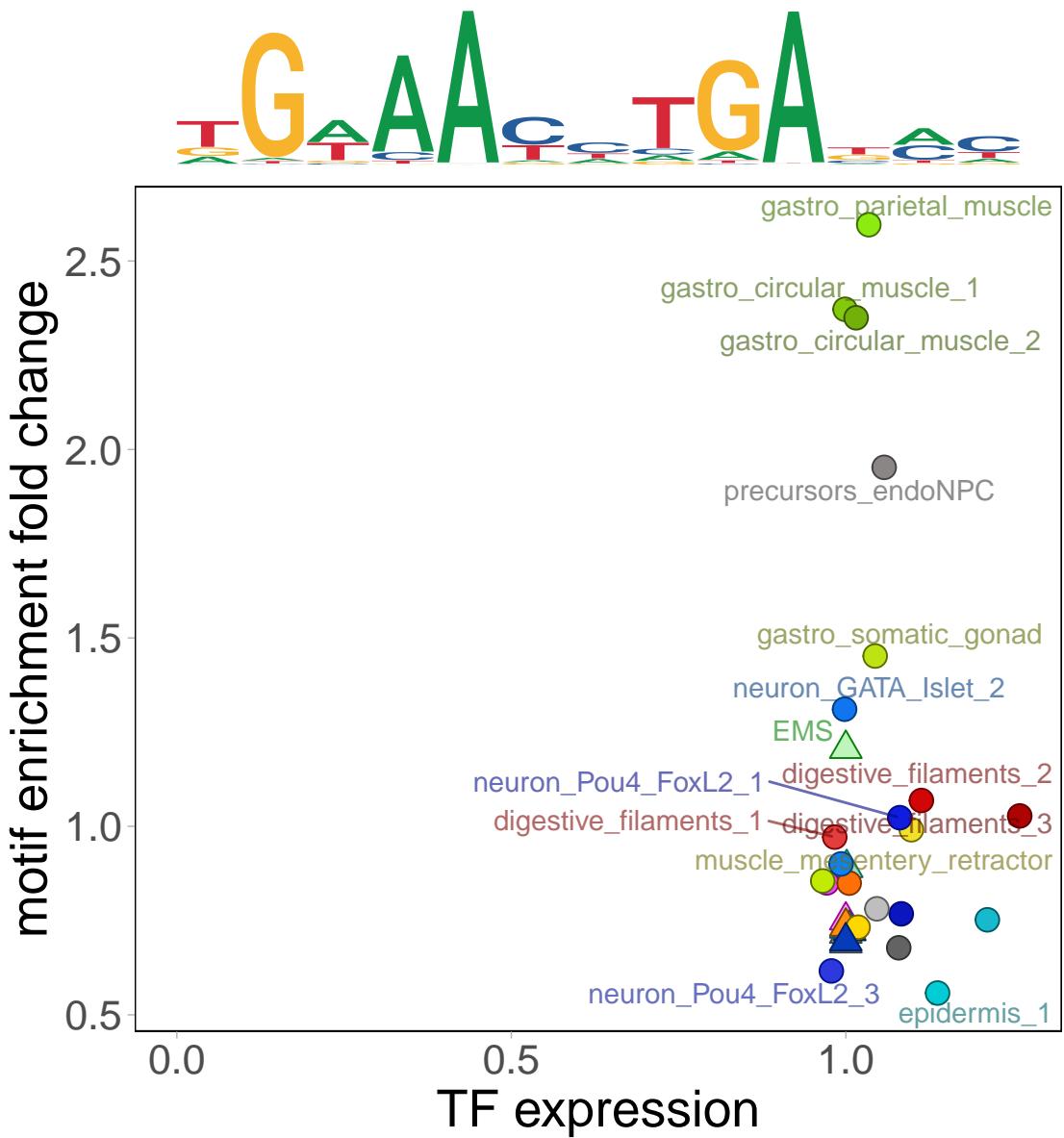
Nvec_vc1.1_XM_032362346.2
OG: Homeodomains.HG1.21:BARX1/B
PFAM: Homeodomain
motif: ARCH264_Alx3/AIx4/AIx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 971
gene expression correlation: 0.2362
gene score correlation: -0.0458



Nvec_vc1.1_XM_032362379.2
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.1266
gene score correlation: 0.5745



Nvec_vc1.1_XM_032362396.2
OG: Homeodomains.HG1.69:HOXA3/HG1.69
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 36
gene expression correlation: -0.0384
gene score correlation: 0.6099



Nvec_vc1.1_XM_032362607.2

OG: Forkhead.HG1.5:FOXQ1

PFAM: Forkhead

motif: ARCH895_Foxn4/Foxn1

TF family: Forkhead

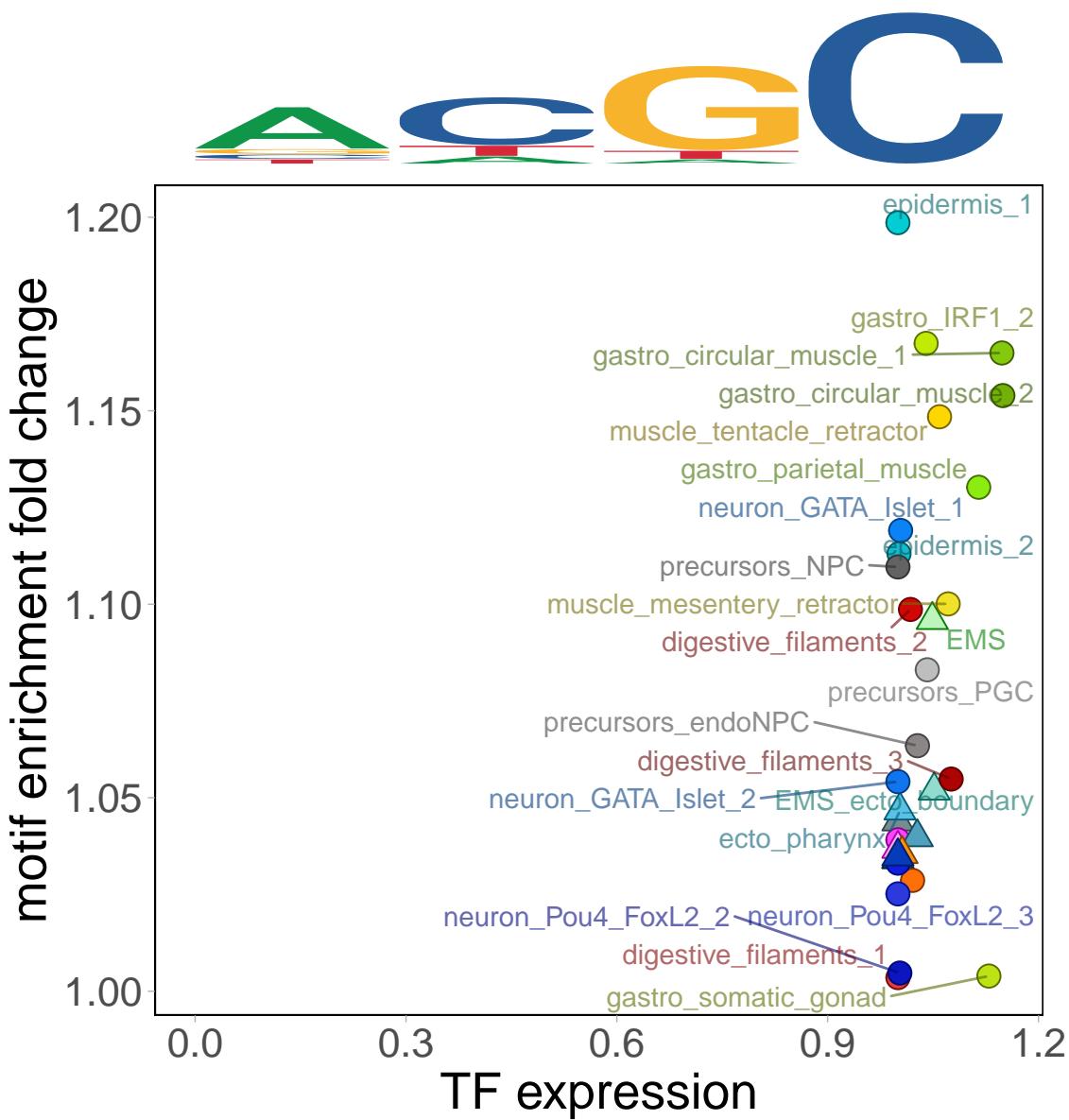
archetype family: Forkhead

CisBP assigned: FALSE

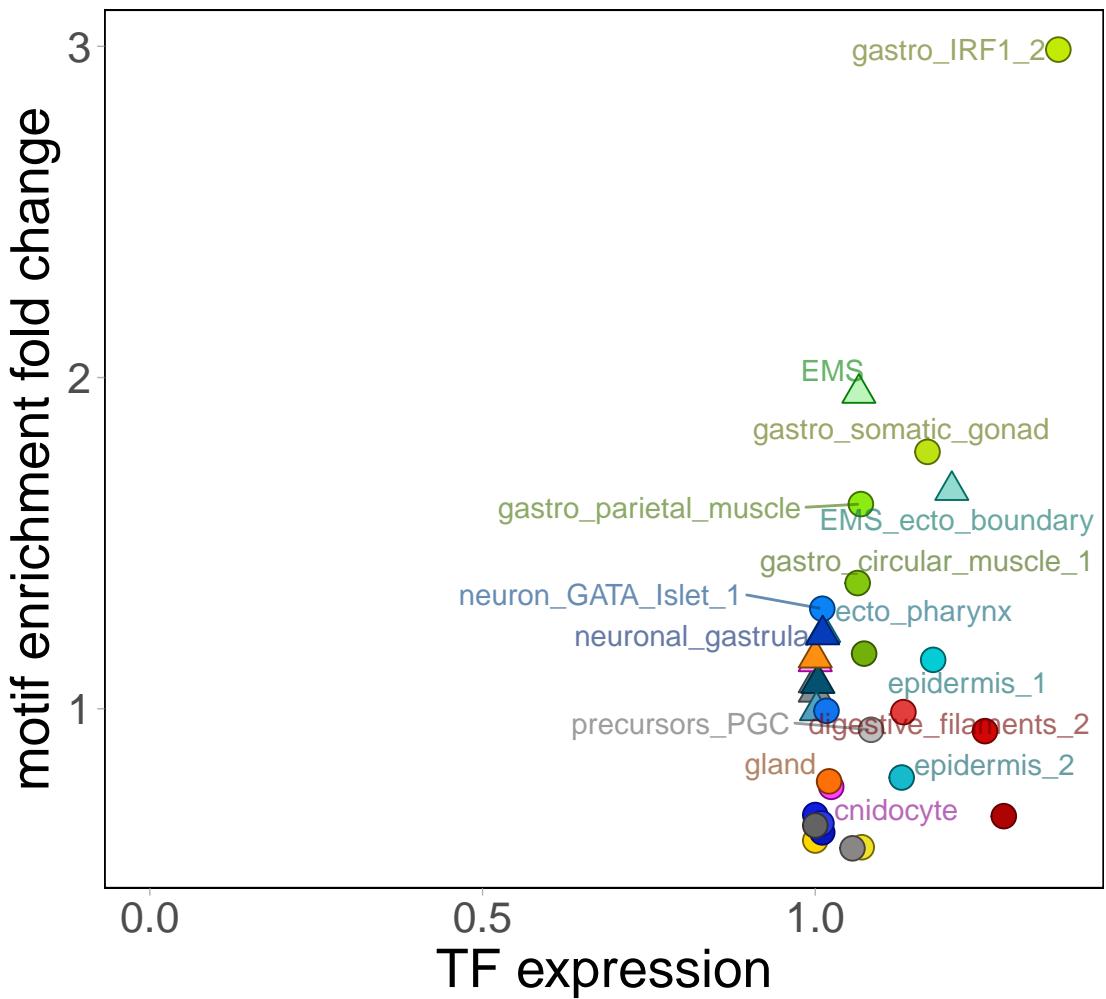
rank: 192

gene expression correlation: 0.3981

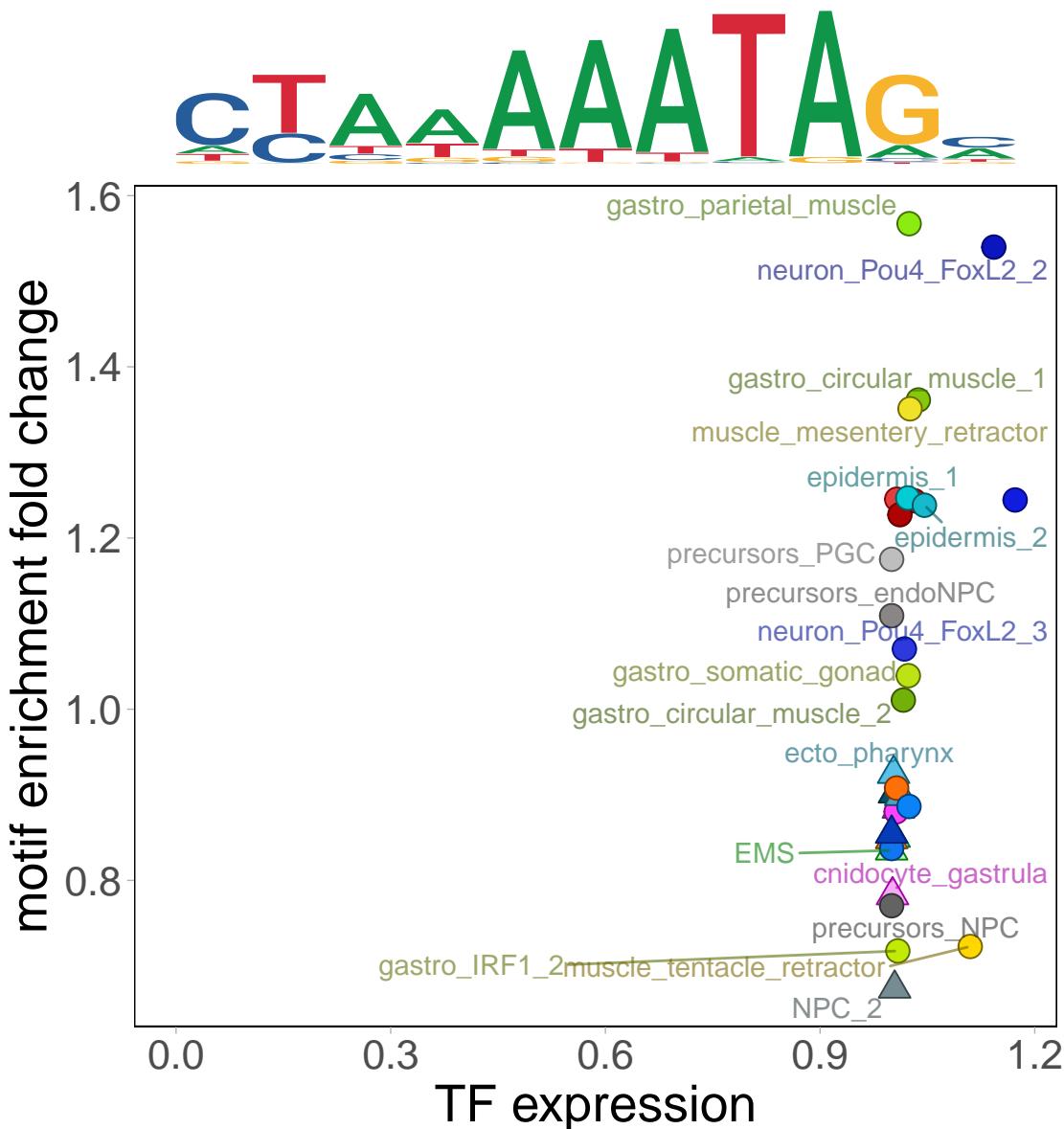
gene score correlation: 0.3054



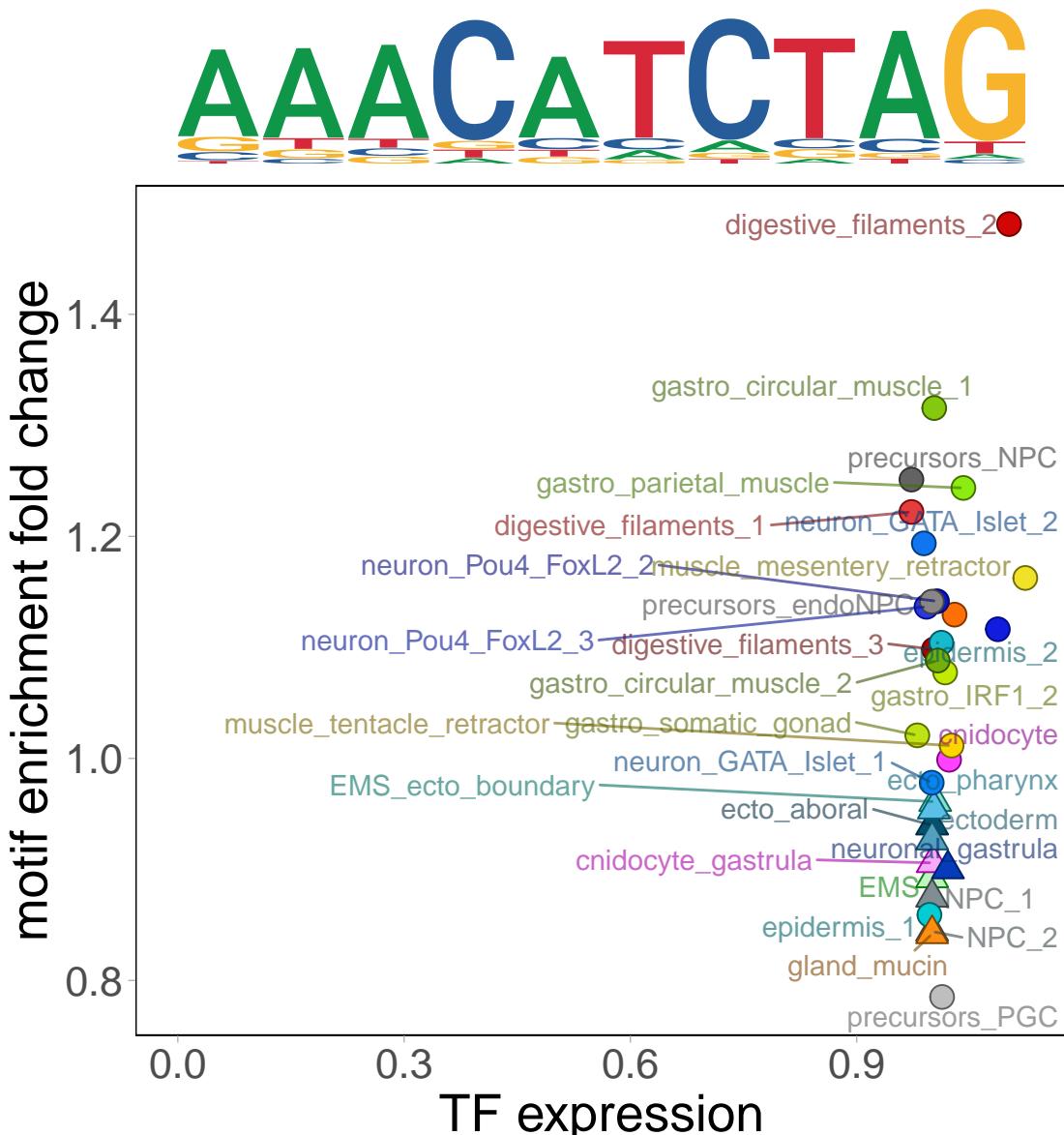
Nvec_vc1.1_XM_032362934.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 3
gene expression correlation: 0.4933
gene score correlation: 0.6416



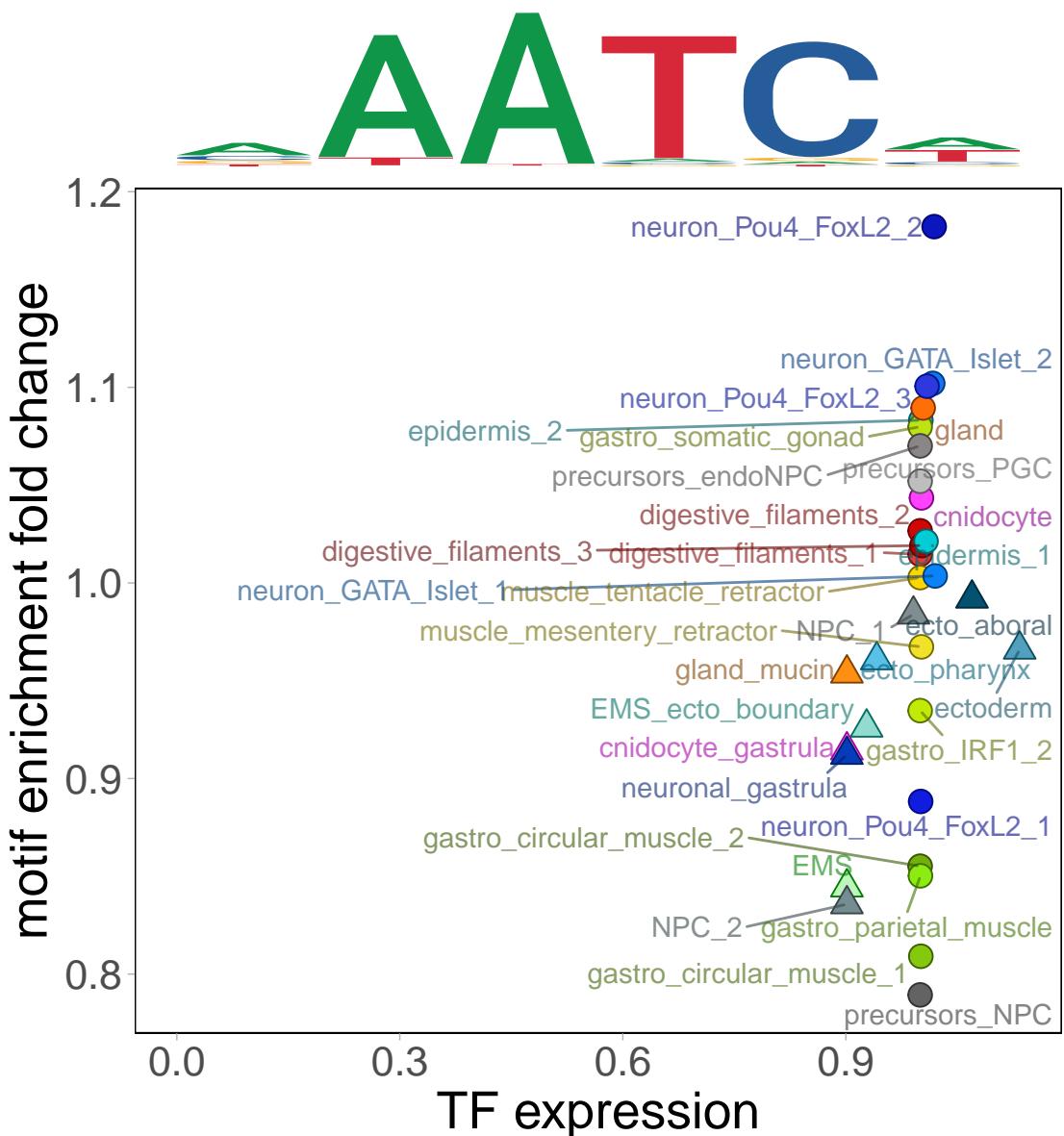
Nvec_vc1.1_XM_032362959.2
OG: MADS-box_SRF.HG1.1:like:BORC
PFAM: SRF-TF
motif: ARCH1108_Mef2c/Mef2b/Mef2a/
TF family: MADS-box_SRF
archetype family: MADS-box_SRF
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4045
gene score correlation: 0.5427



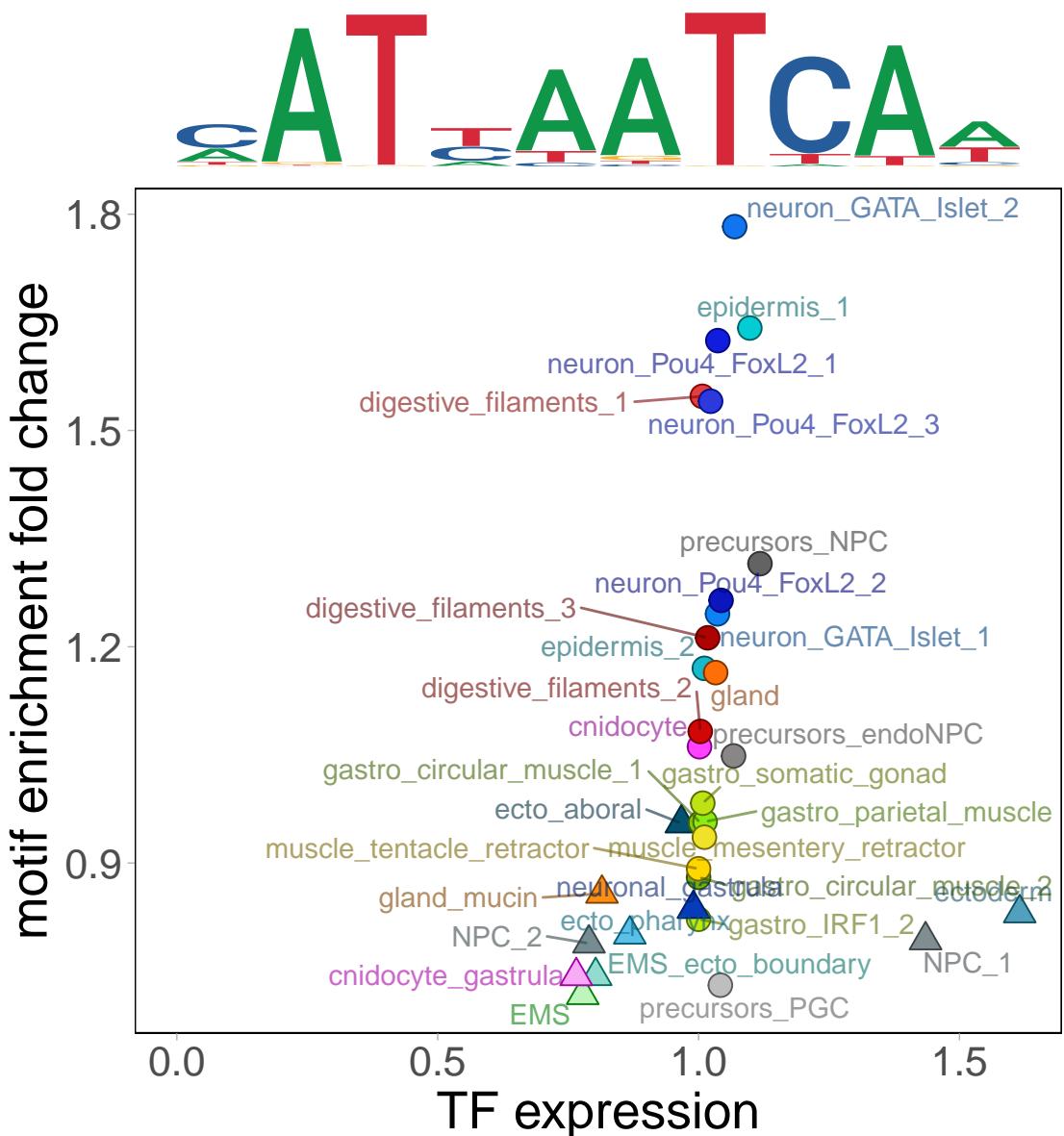
Nvec_vc1.1_XM_032363017.2
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/
PFAM: HLH
motif: ARCH1118_PL0012.1_hlh-2::hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 430
gene expression correlation: 0.3412
gene score correlation: 0.0424



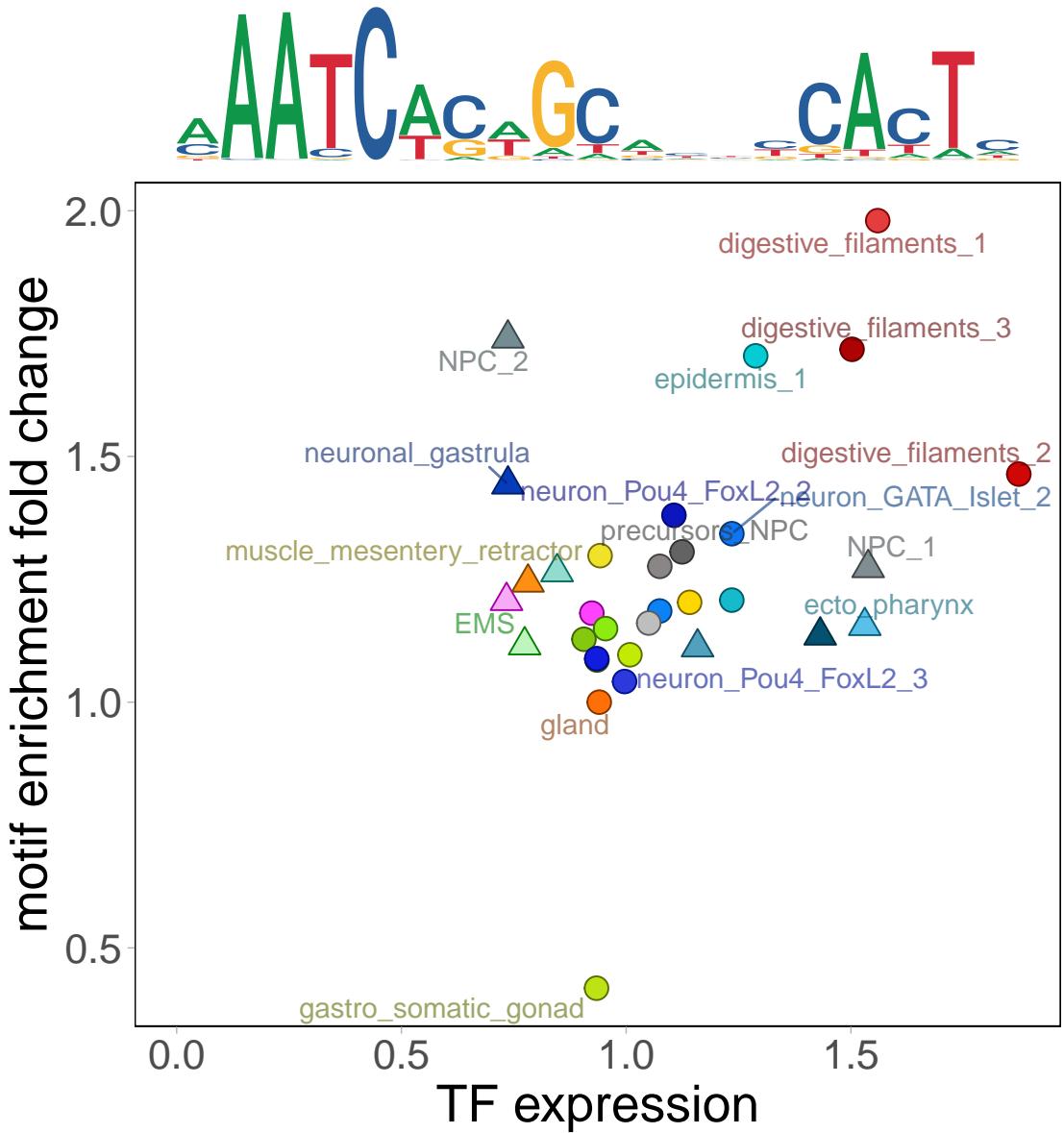
Nvec_vc1.1_XM_032363027.2
OG: zf-C2H2.HG19.1:PRDM14
PFAM: SET/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1200_Zfp760/Zfp770
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.3647
gene score correlation: 0.2922



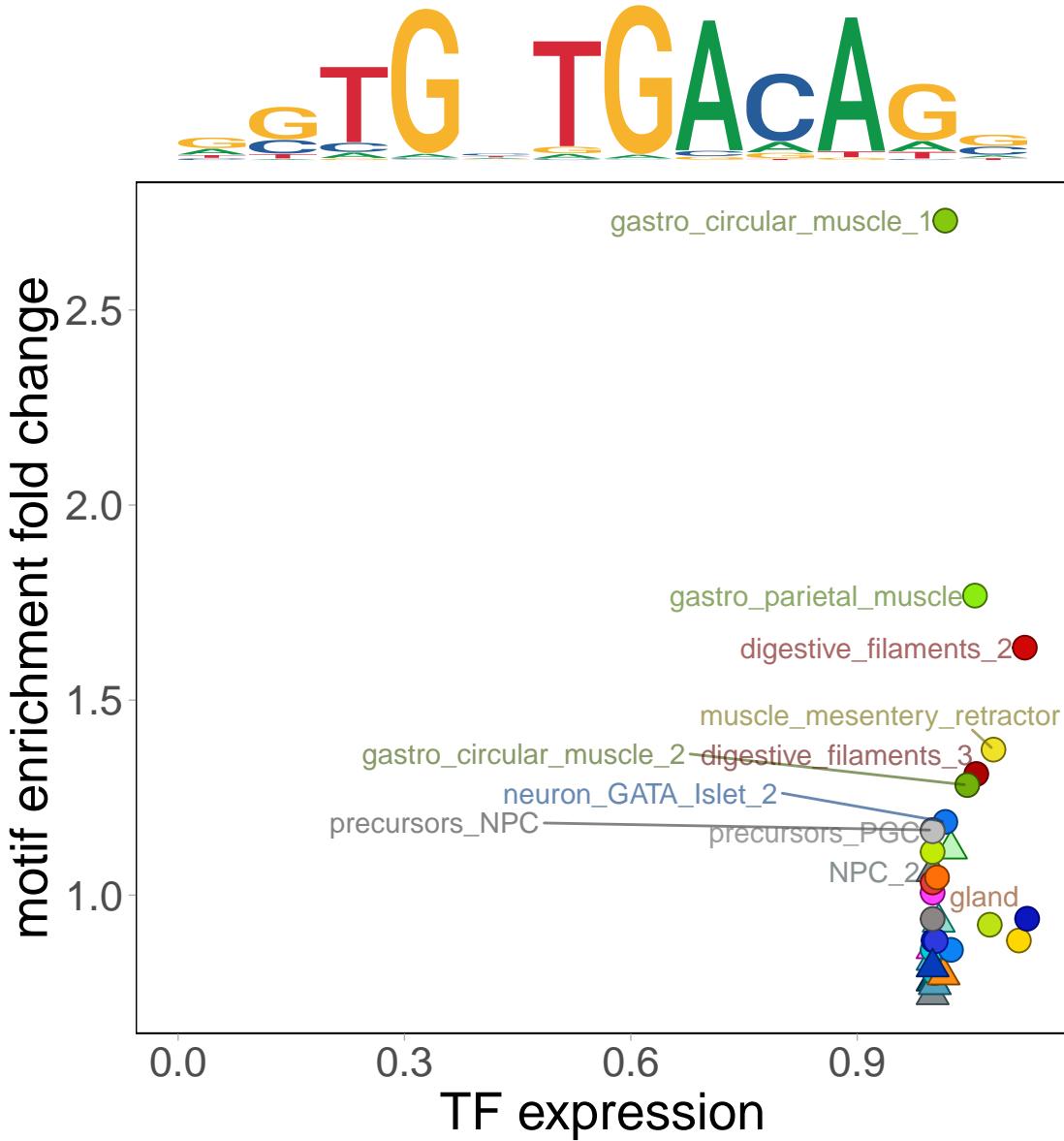
Nvec_vc1.1_XM_032363350.2
OG: Homeodomains.HG1.31:DLX1/DLX2...
PFAM: Homeodomain
motif: ARCH45_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 71
gene expression correlation: 0.1741
gene score correlation: 0.4133



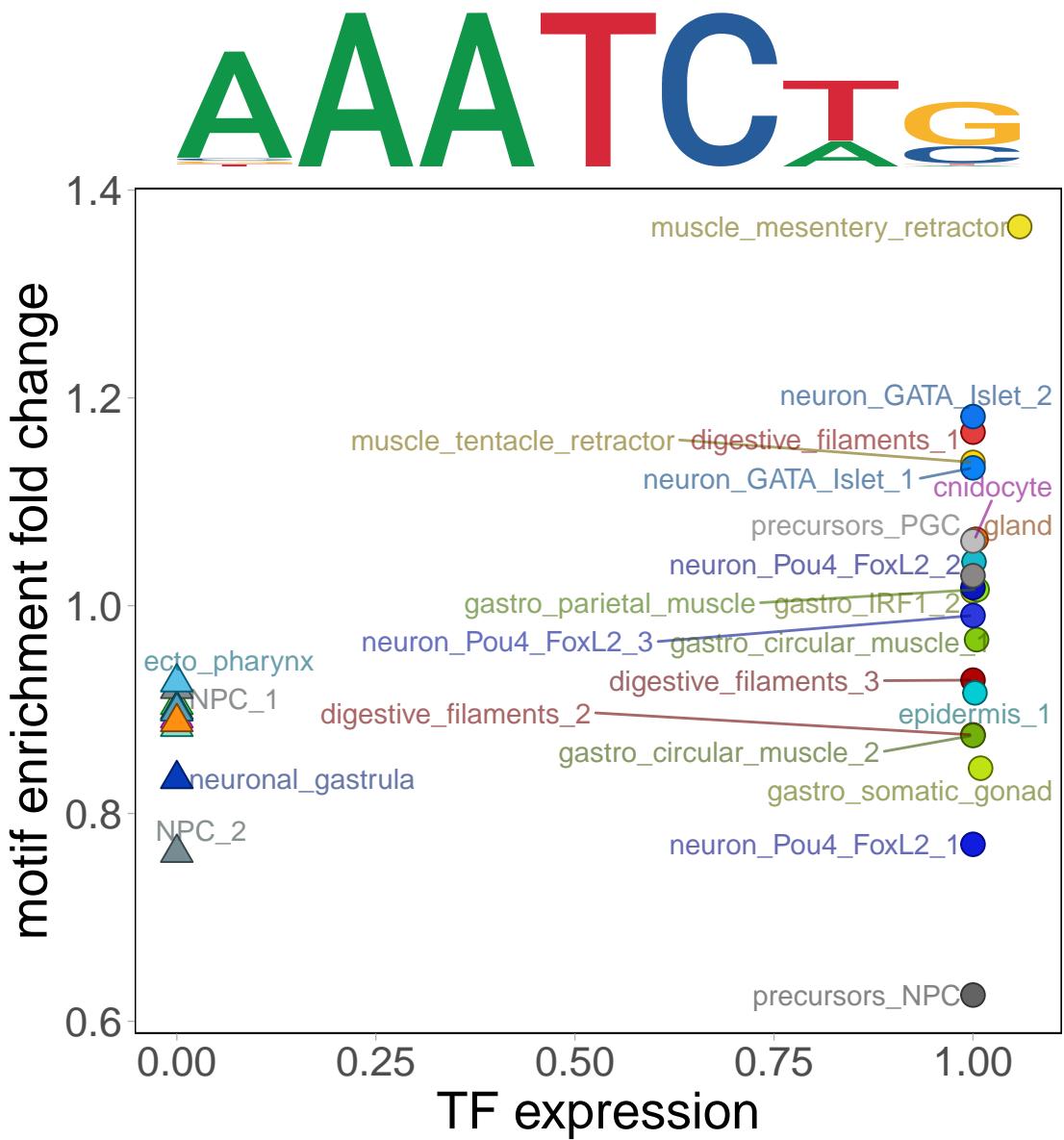
Nvec_vc1.1_XM_032363417.2
OG: zf-C2H2.HG3.2:ZBTB17
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 160
gene expression correlation: 0.3507
gene score correlation: 0.2665



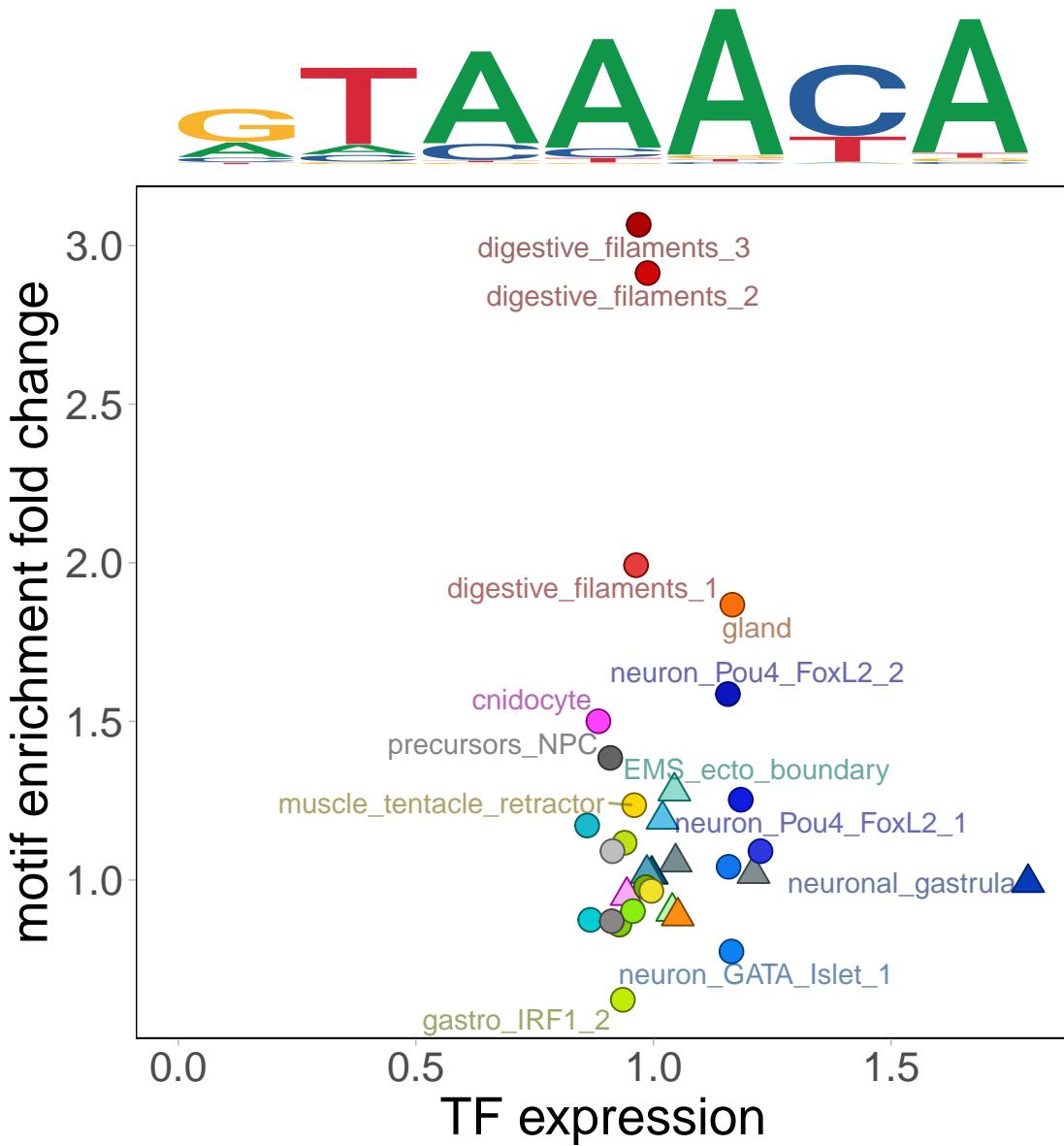
Nvec_vc1.1_XM_032363603.2
OG: T-box.HG1.13:TBX1/TBX10/TBX1
PFAM: T-box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T
TF family: T-box
archetype family: T-box
CisBP assigned: TRUE
rank: 88
gene expression correlation: 0.2564
gene score correlation: 0.6658



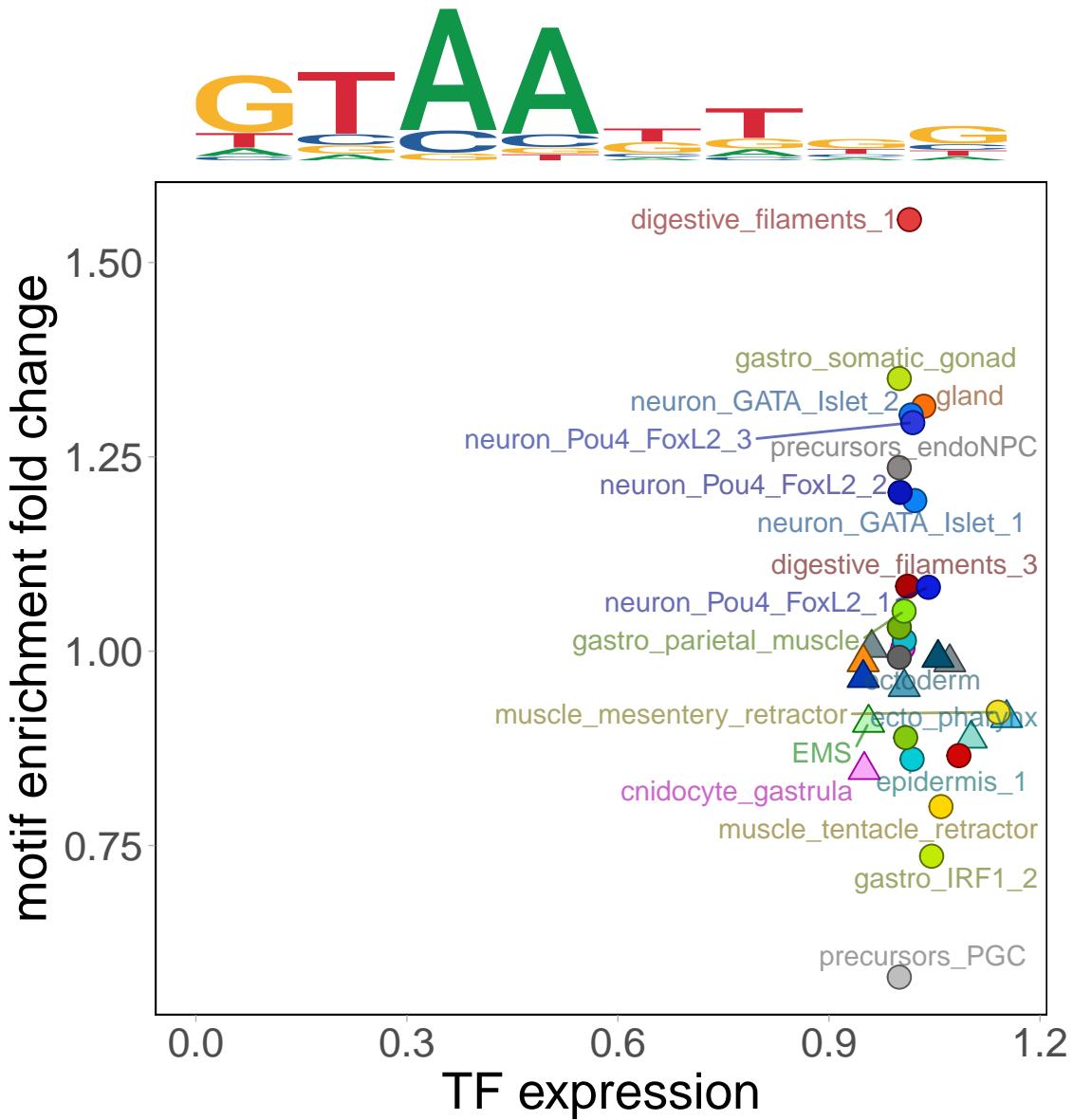
Nvec_vc1.1_XM_032363733.2
OG: zf-C2H2.HG1.62:ZBTB11
PFAM: zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2_1
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 644
gene expression correlation: 0.4149
gene score correlation: 0.0312



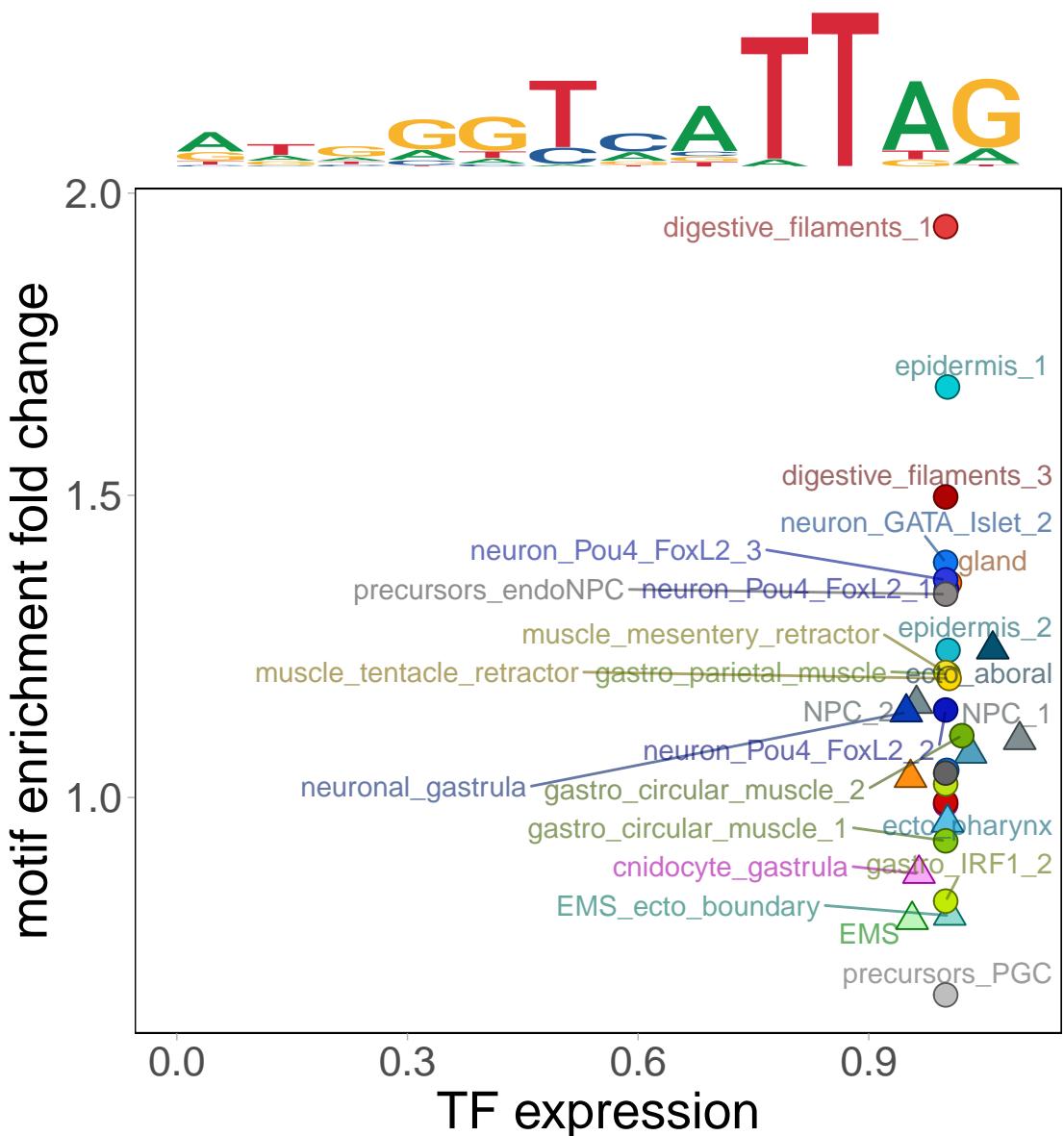
Nvec_vc1.1_XM_032363859.2
OG: Forkhead.HG1.32:FOXP2
PFAM: FOXP-CC/Forkhead
motif: ARCH1017_Foxa3/Foxa1/Foxa2_
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 89
gene expression correlation: -0.0633
gene score correlation: 0.2071



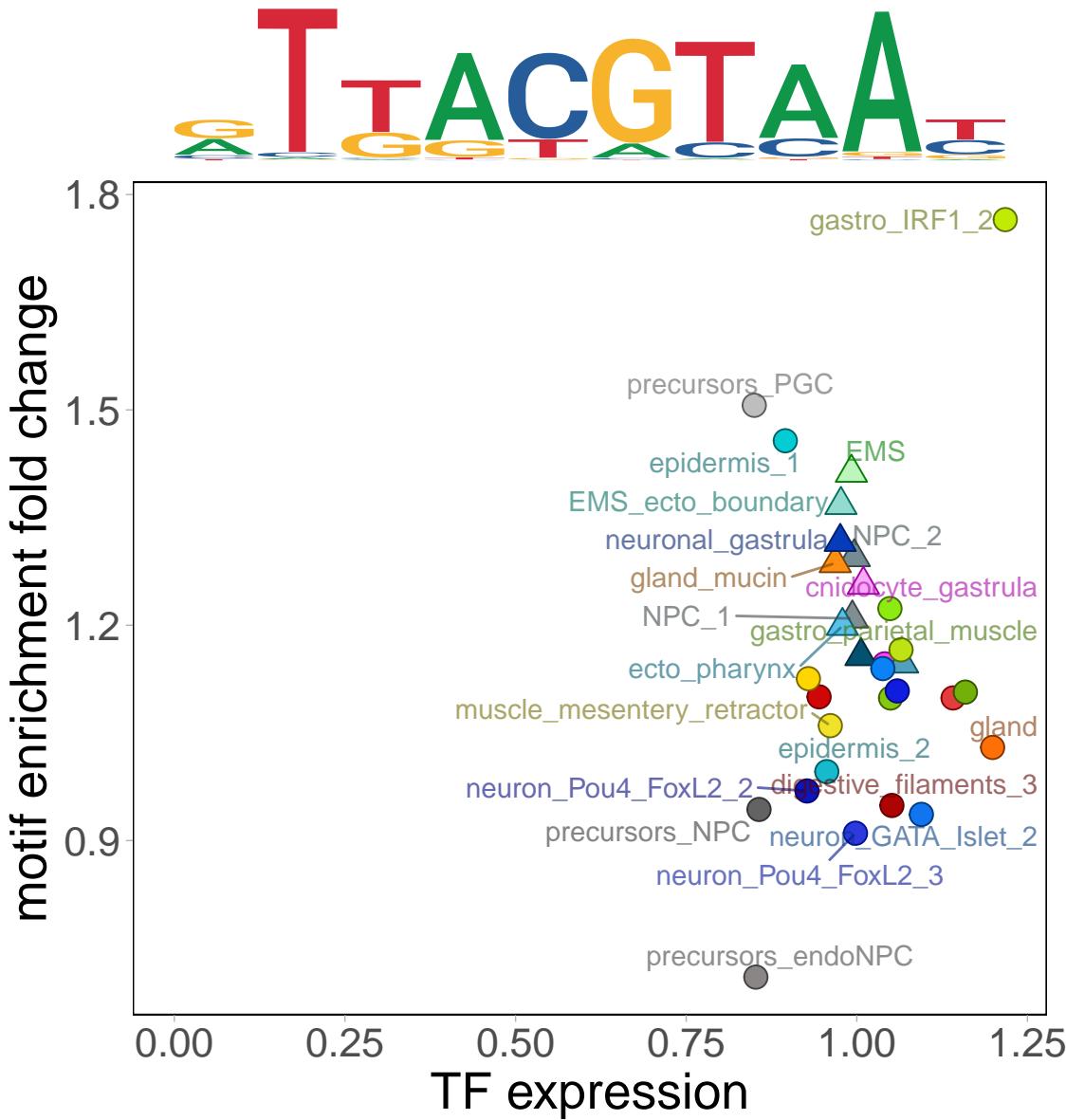
Nvec_vc1.1_XM_032363874.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH152_Emx1/Emx2_Hmx1/Hr
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 954
gene expression correlation: -0.1332
gene score correlation: -0.0113



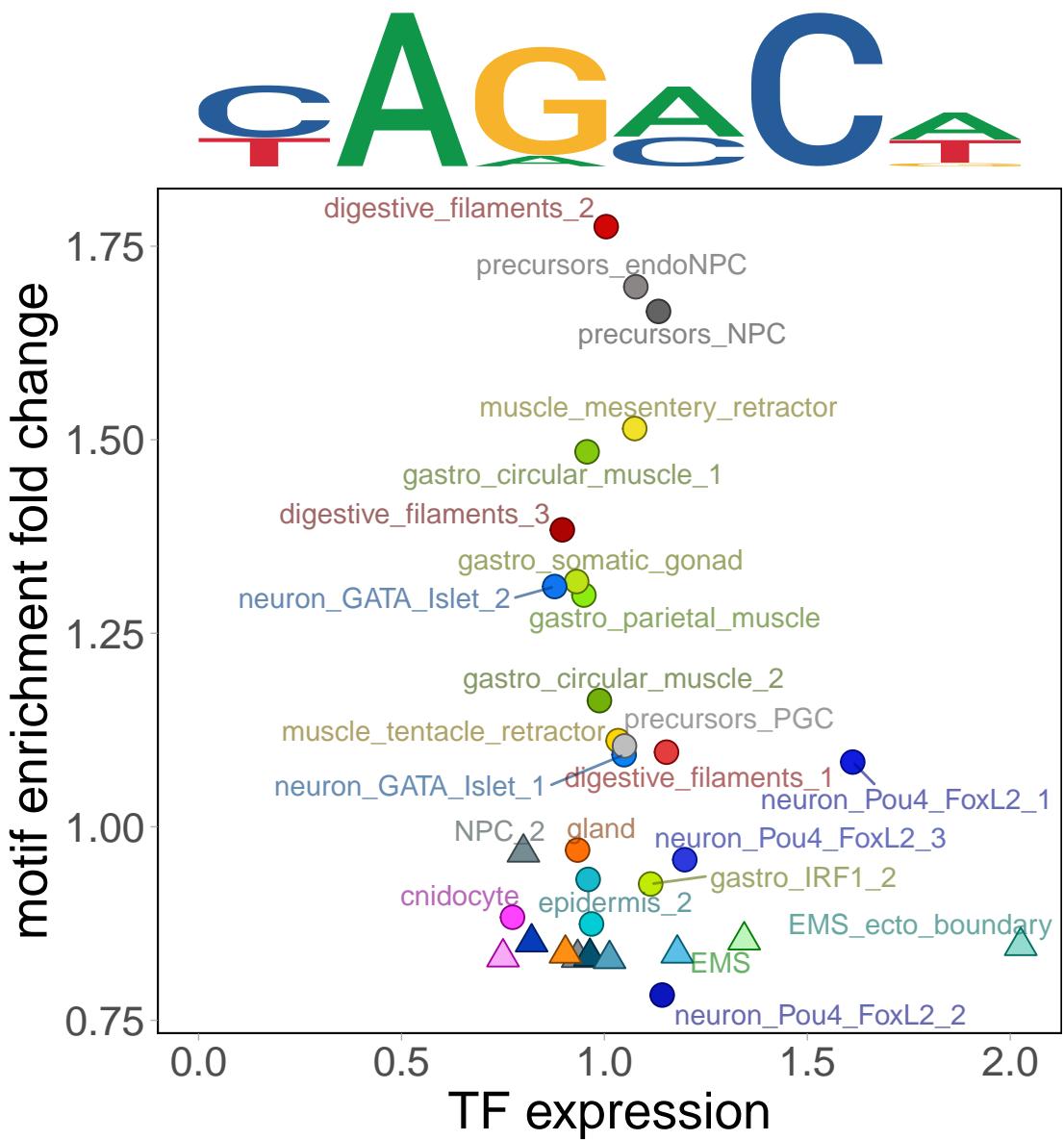
Nvec_vc1.1_XM_032363920.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.1263
gene score correlation: -0.3100



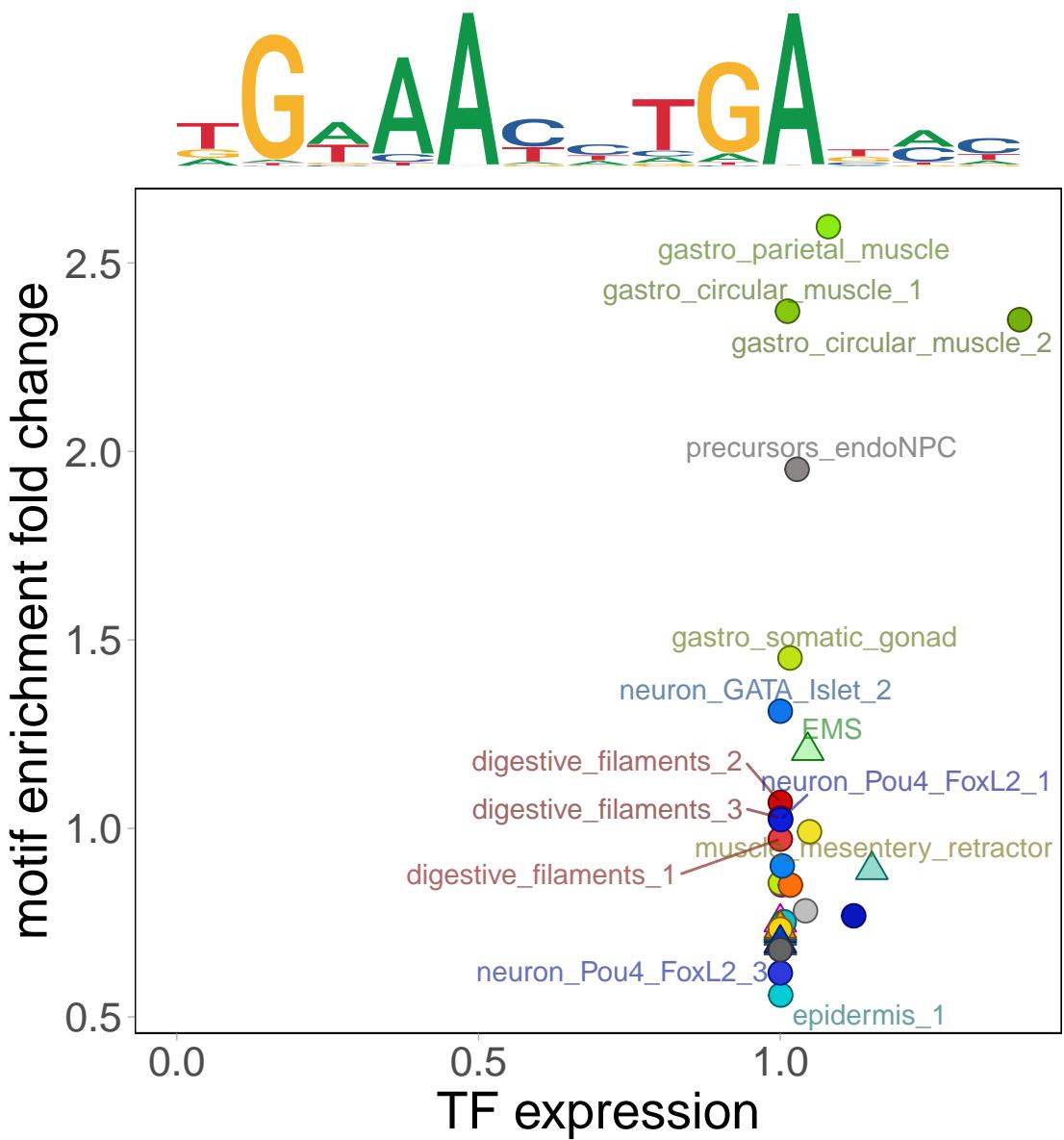
Nvec_vc1.1_XM_032363985.2
OG: bZIP.HG2.6:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH1628_Crebl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 372
gene expression correlation: 0.1425
gene score correlation: -0.0687



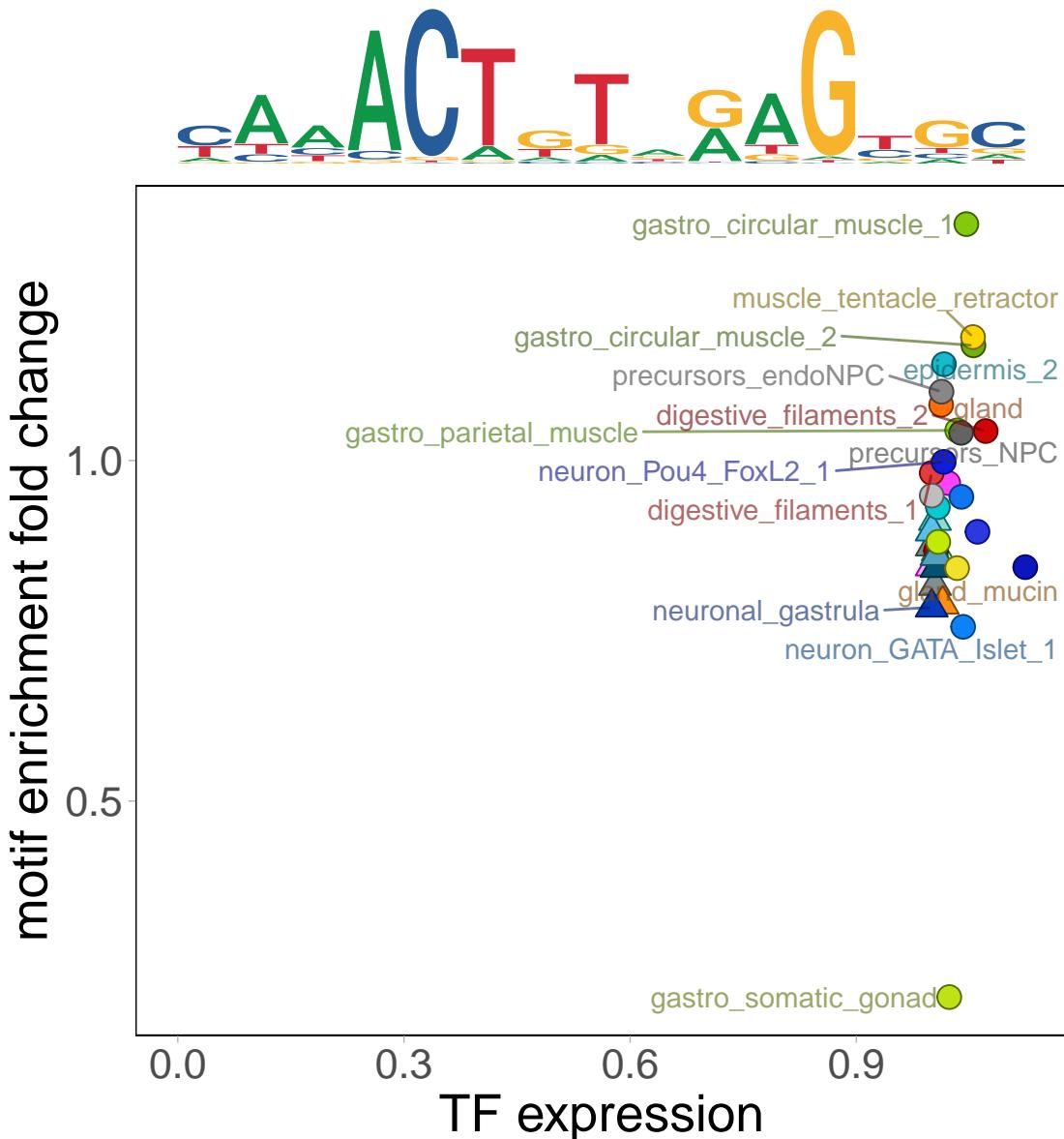
Nvec_vc1.1_XM_032364001.2
OG: SMAD_MH1.HG1.6:SMAD1/SMAD
PFAM: MH1/MH2
motif: ARCH718_Smad2/Smad3_Smad
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 288
gene expression correlation: -0.0751
gene score correlation: 0.0257



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: 0.4937
gene score correlation: 0.5773



Nvec_vc1.1_XM_032364195.2
OG: zf-C2H2.HG3.22:like:HINFP/HIVE1
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1370_M05856_2.00
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 226
gene expression correlation: 0.1824
gene score correlation: 0.2540



Nvec_vc1.1_XM_032364281.2

OG: Myb.HG1.23:TERB1/TERF2

PFAM: Myb_DNA-binding

motif: ARCH1391_MYB113

TF family: Myb

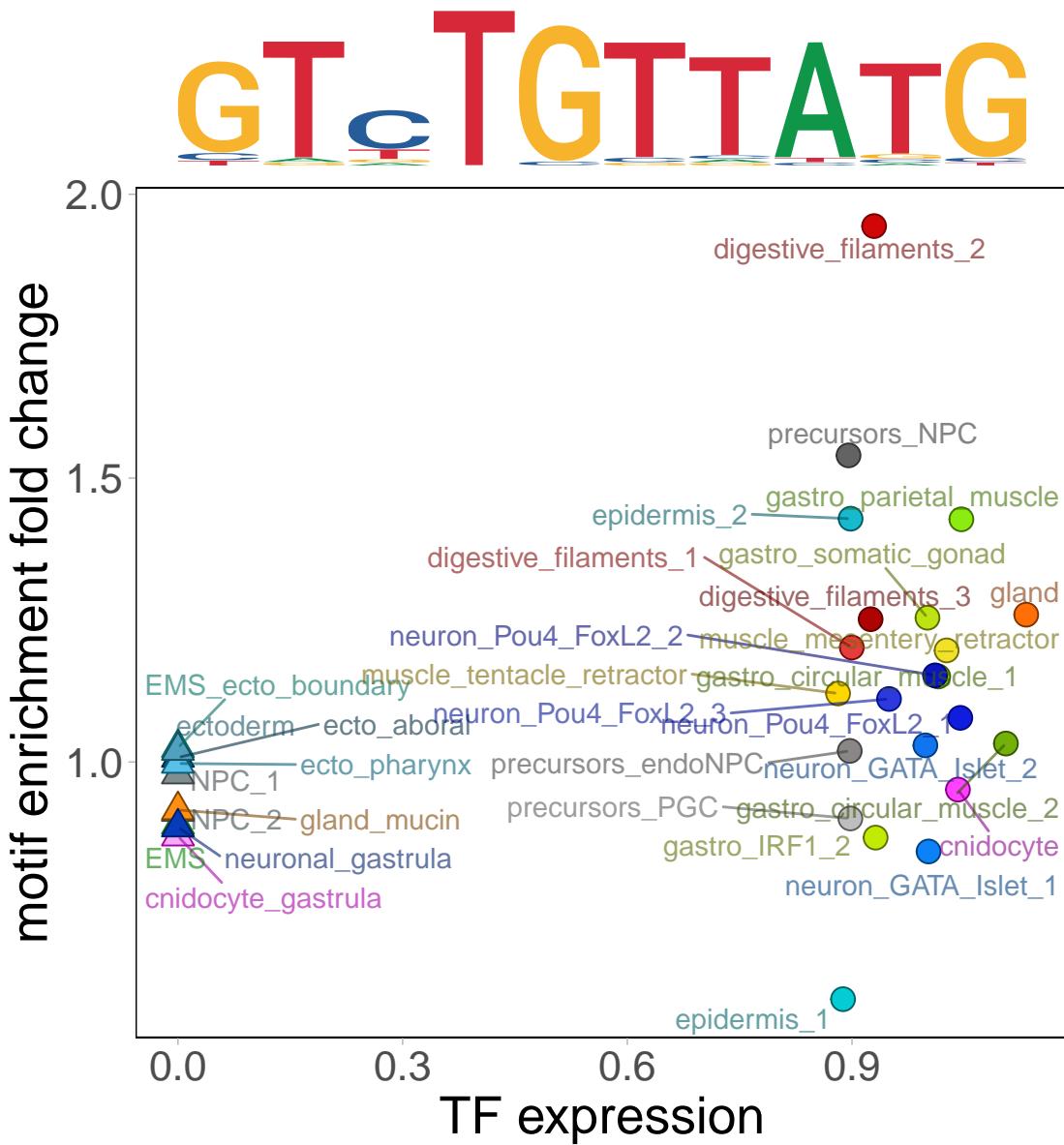
archetype family: Myb

CisBP assigned: FALSE

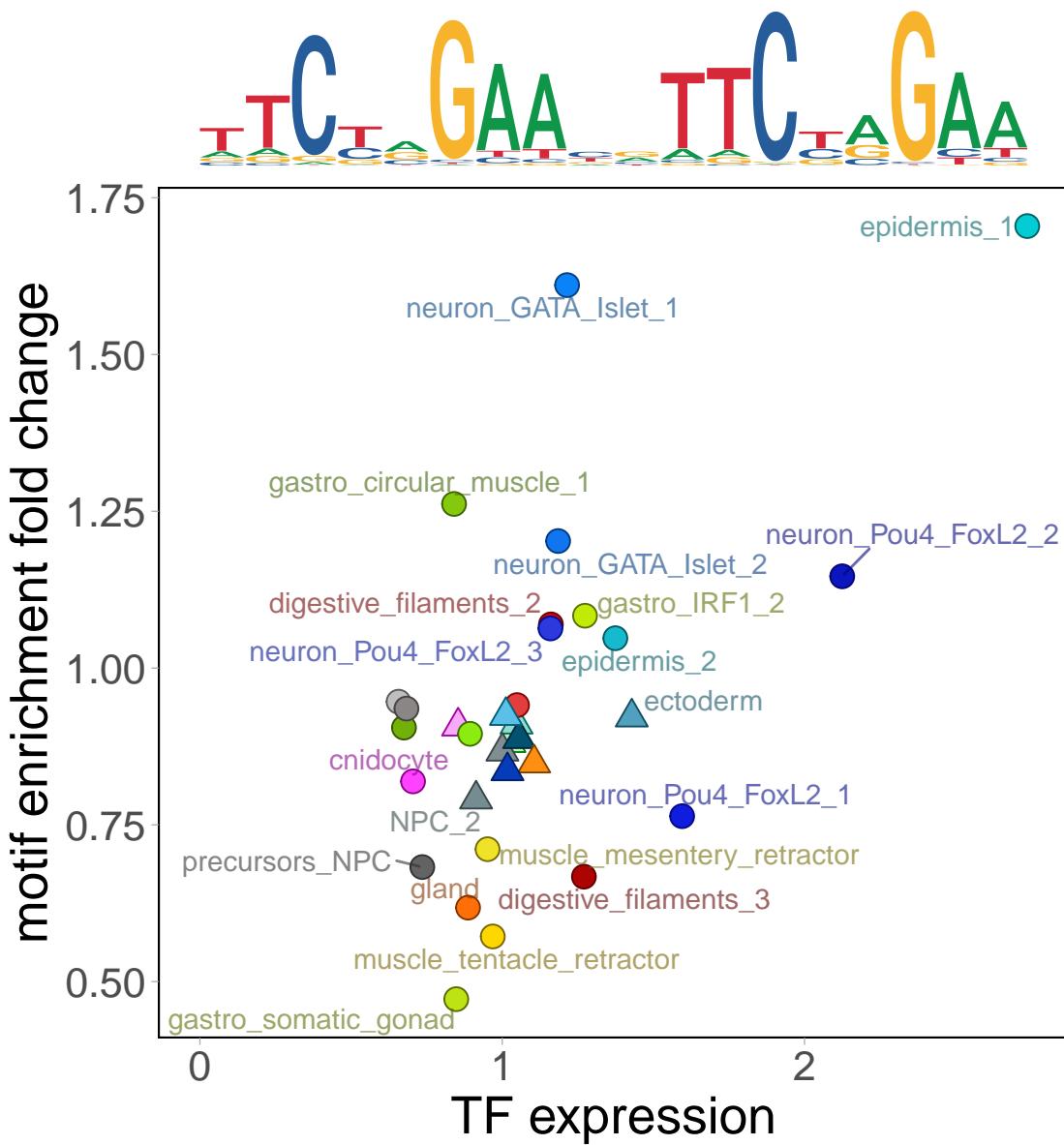
rank: 107

gene expression correlation: 0.3749

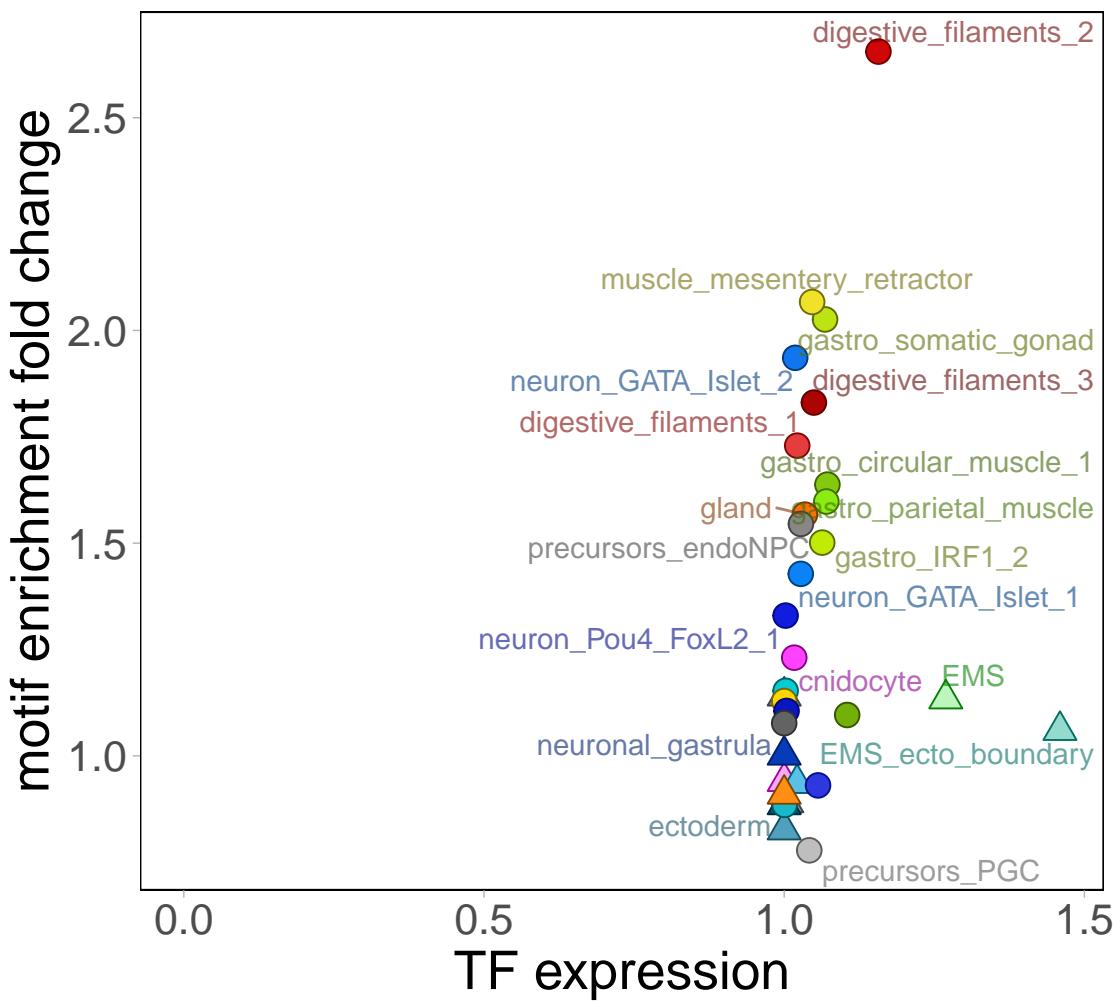
gene score correlation: 0.3767



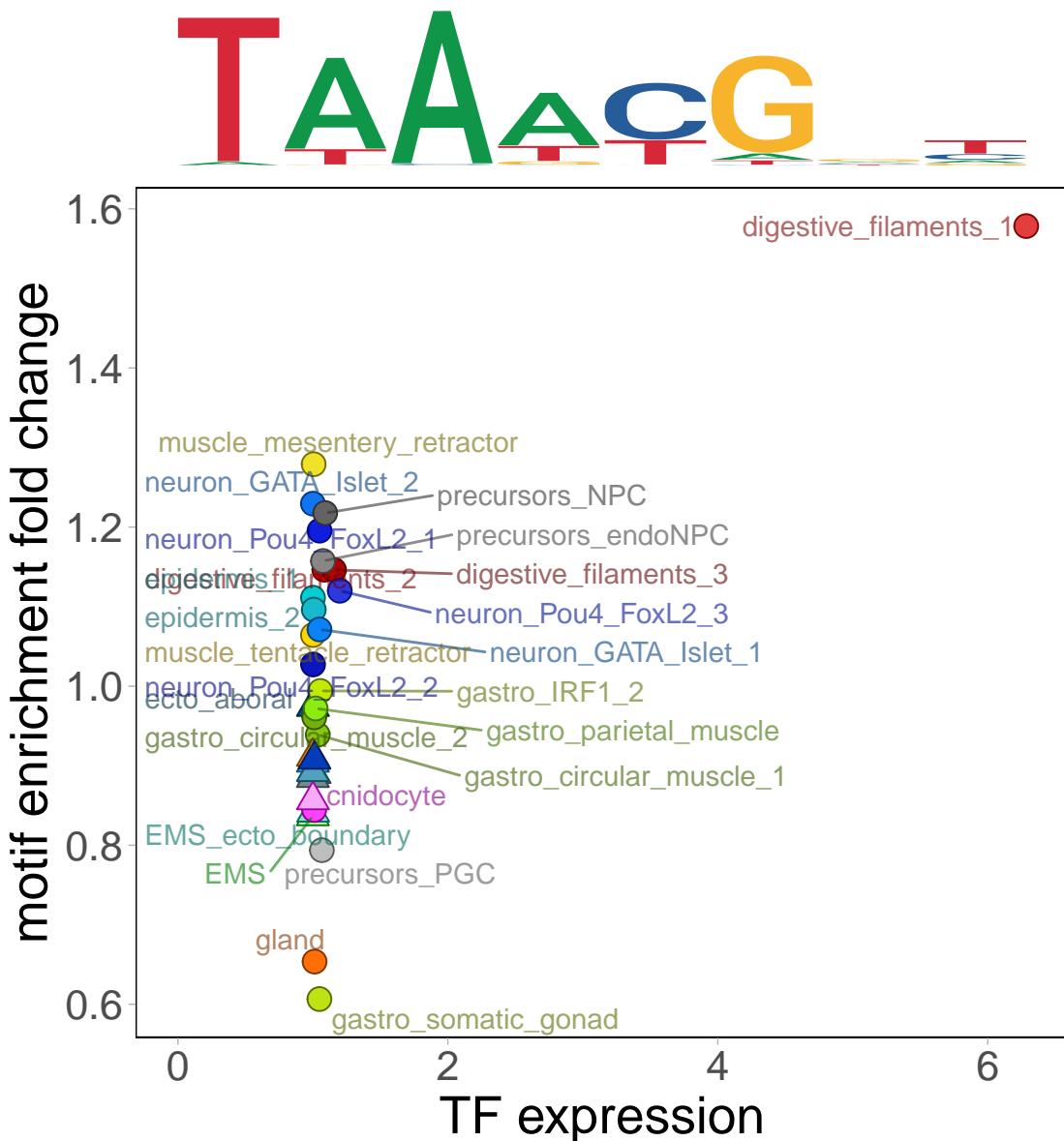
Nvec_vc1.1_XM_032364329.2
OG: HSF.HG1.5:HSF1/HSF2/HSF4
PFAM: HSF_DNA-bind/Vert_HS_TF
motif: ARCH737_Hsf1/Hsf2/Hsf4/Hsf3
TF family: HSF
archetype family: HSF
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.5662
gene score correlation: 0.7076



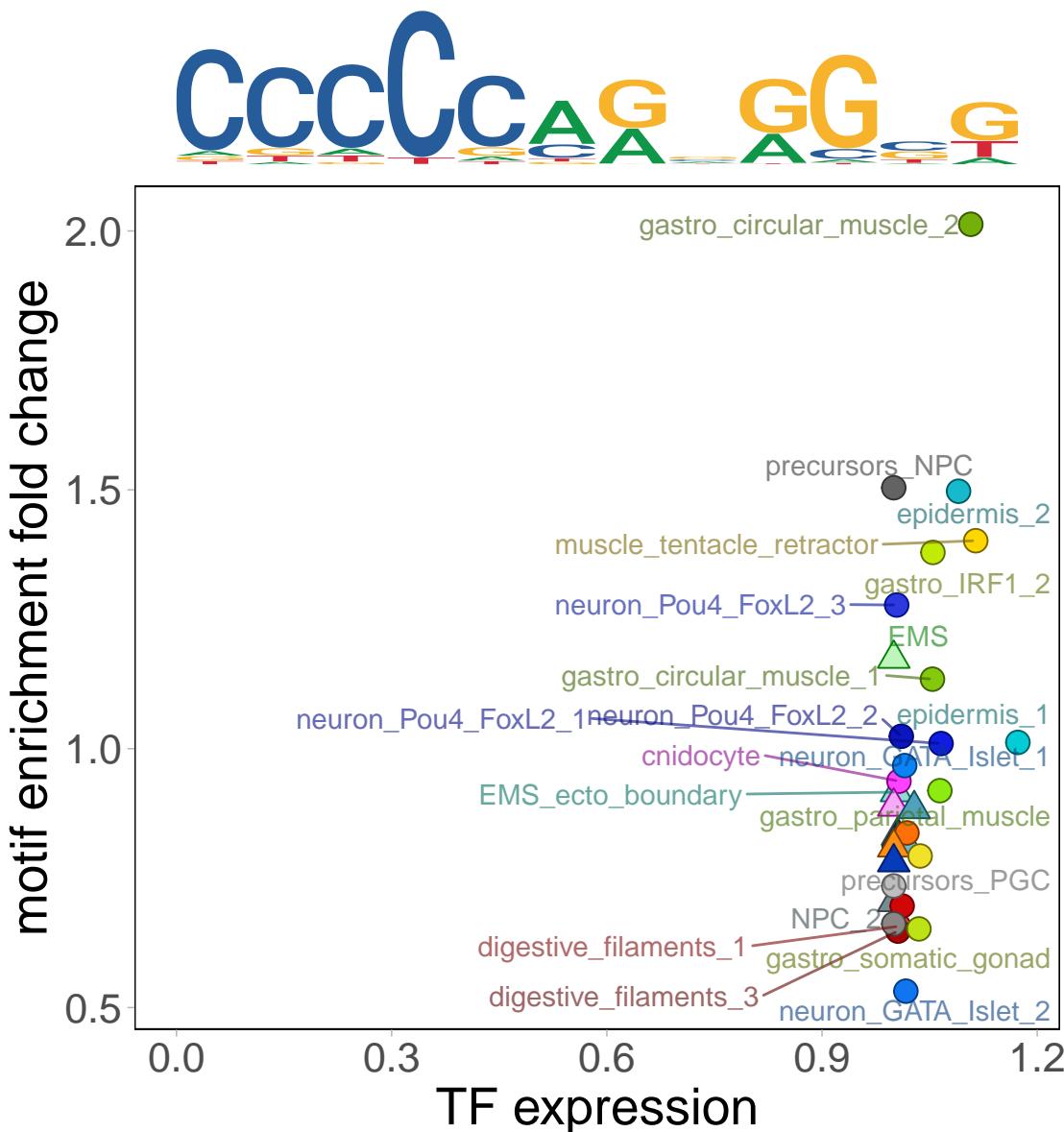
Nvec_vc1.1_XM_032364561.2
OG: Homeodomains.HG2.0:HNF1A/HN
PFAM: HNF-1_N/Homeodomain
motif: ARCH1503_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 103
gene expression correlation: 0.1349
gene score correlation: 0.0581



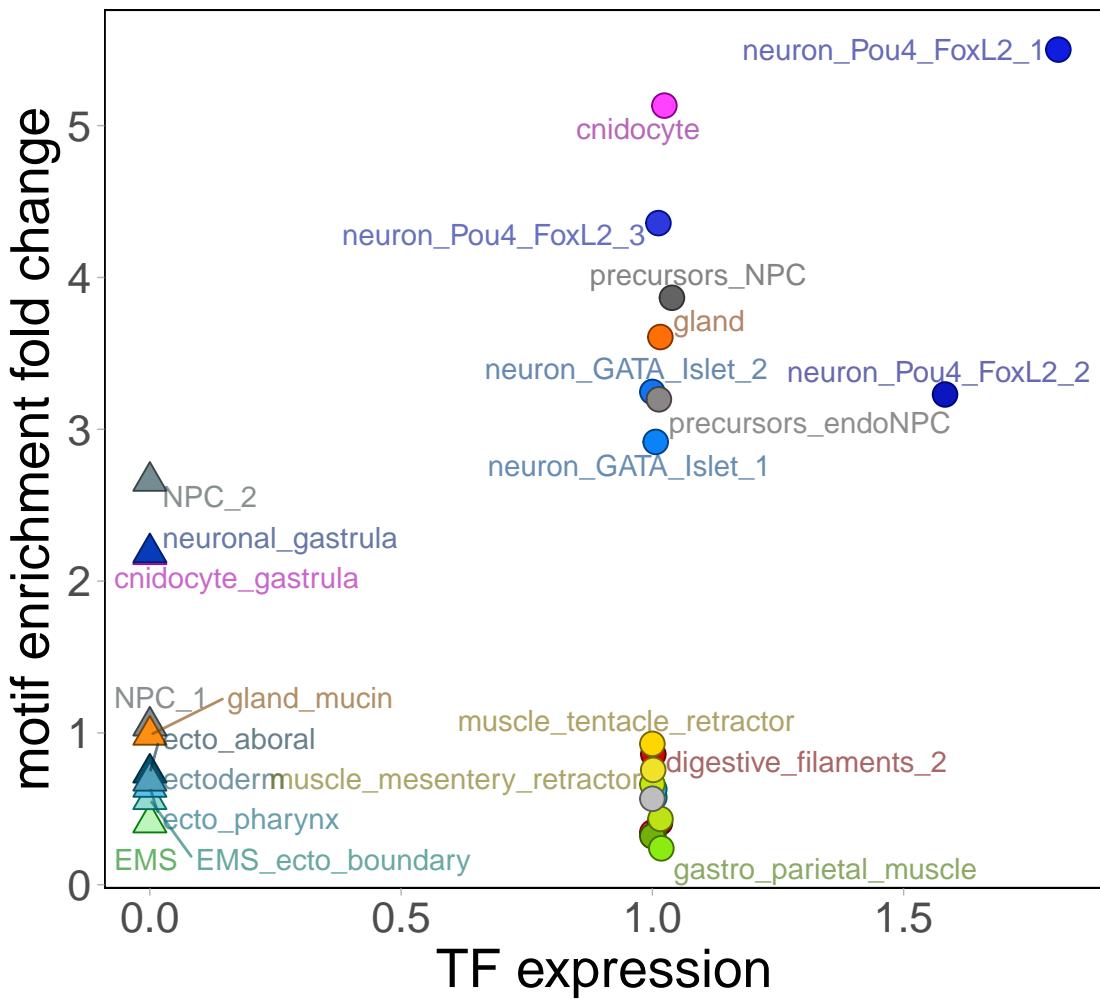
Nvec_vc1.1_XM_032364605.2
OG: Homeodomains.HG1.21:BARX1/B...
PFAM: Homeodomain
motif: ARCH1336_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 8
gene expression correlation: 0.5588
gene score correlation: 0.5314



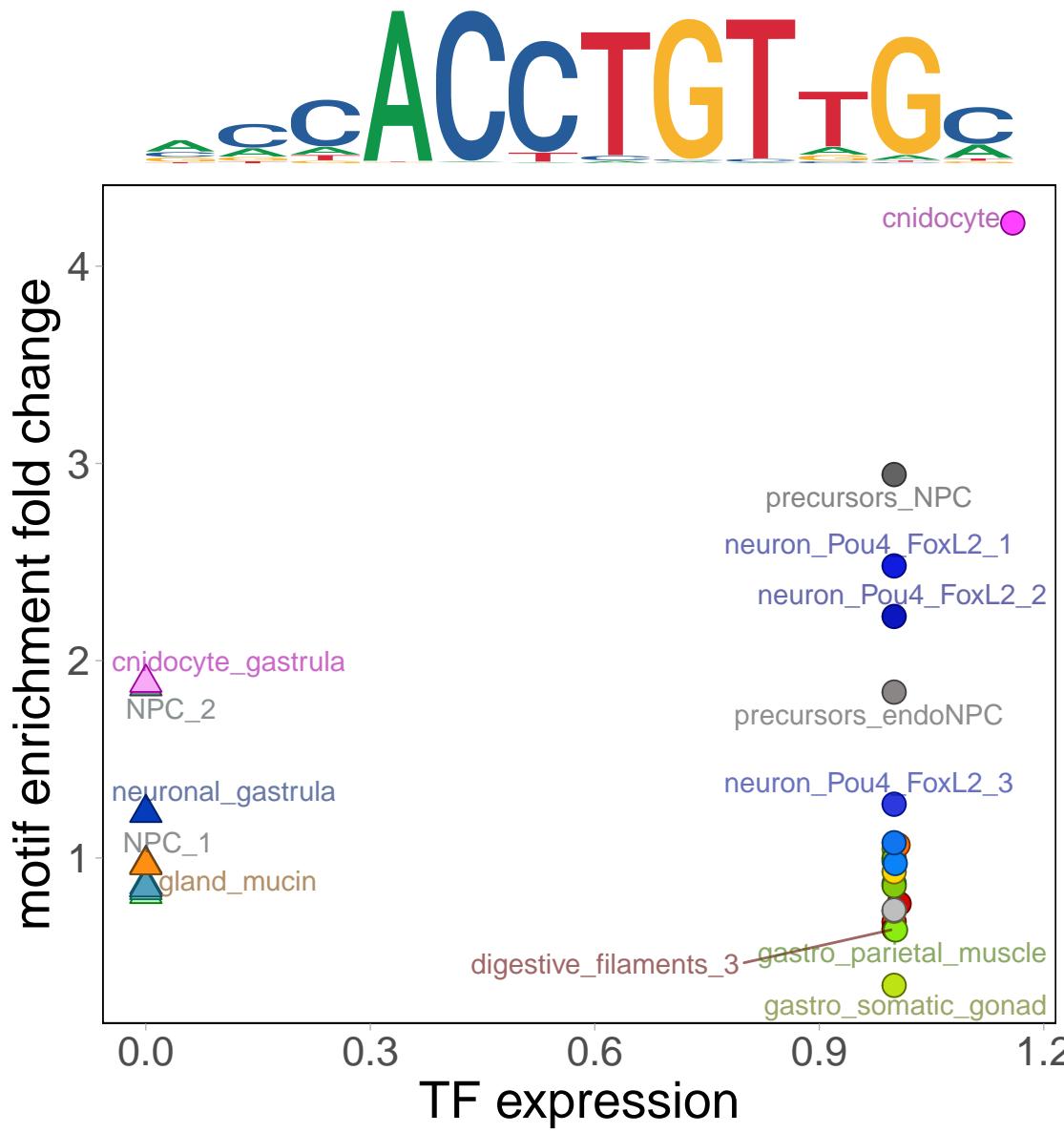
Nvec_vc1.1_XM_032364704.2
OG: zf-C2H2.HG4.1:like:GLI1/GLI2/GL
PFAM: zf-C2H2
motif: ARCH386_PB0102.1_Zic2_1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.5101
gene score correlation: 0.7136



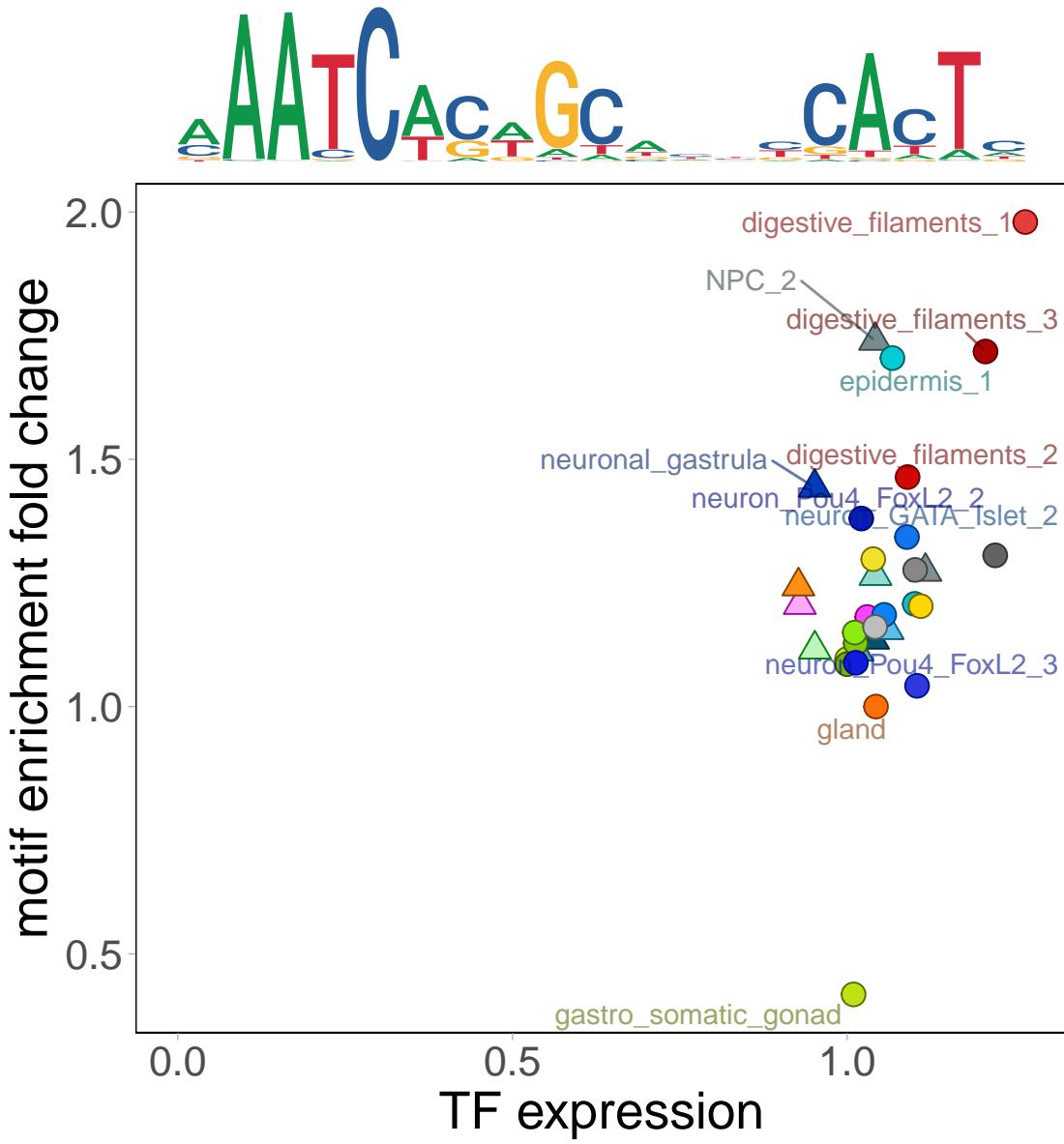
Nvec_vc1.1_XM_032364814.2
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH530_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.3474
gene score correlation: 0.7183



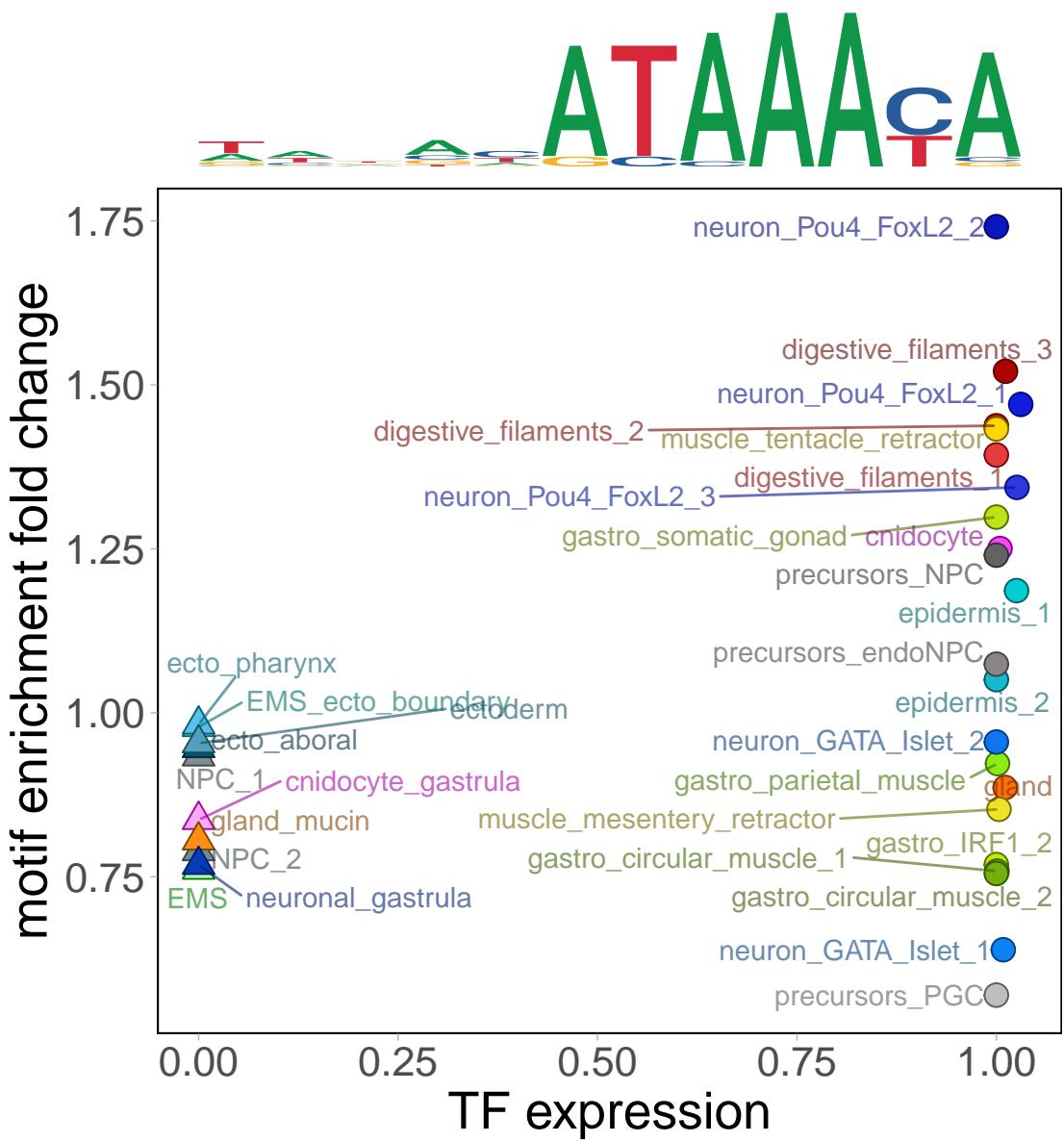
Nvec_vc1.1_XM_032364851.2
OG: zf-C2H2.HG1.32:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.1413
gene score correlation: 0.5734



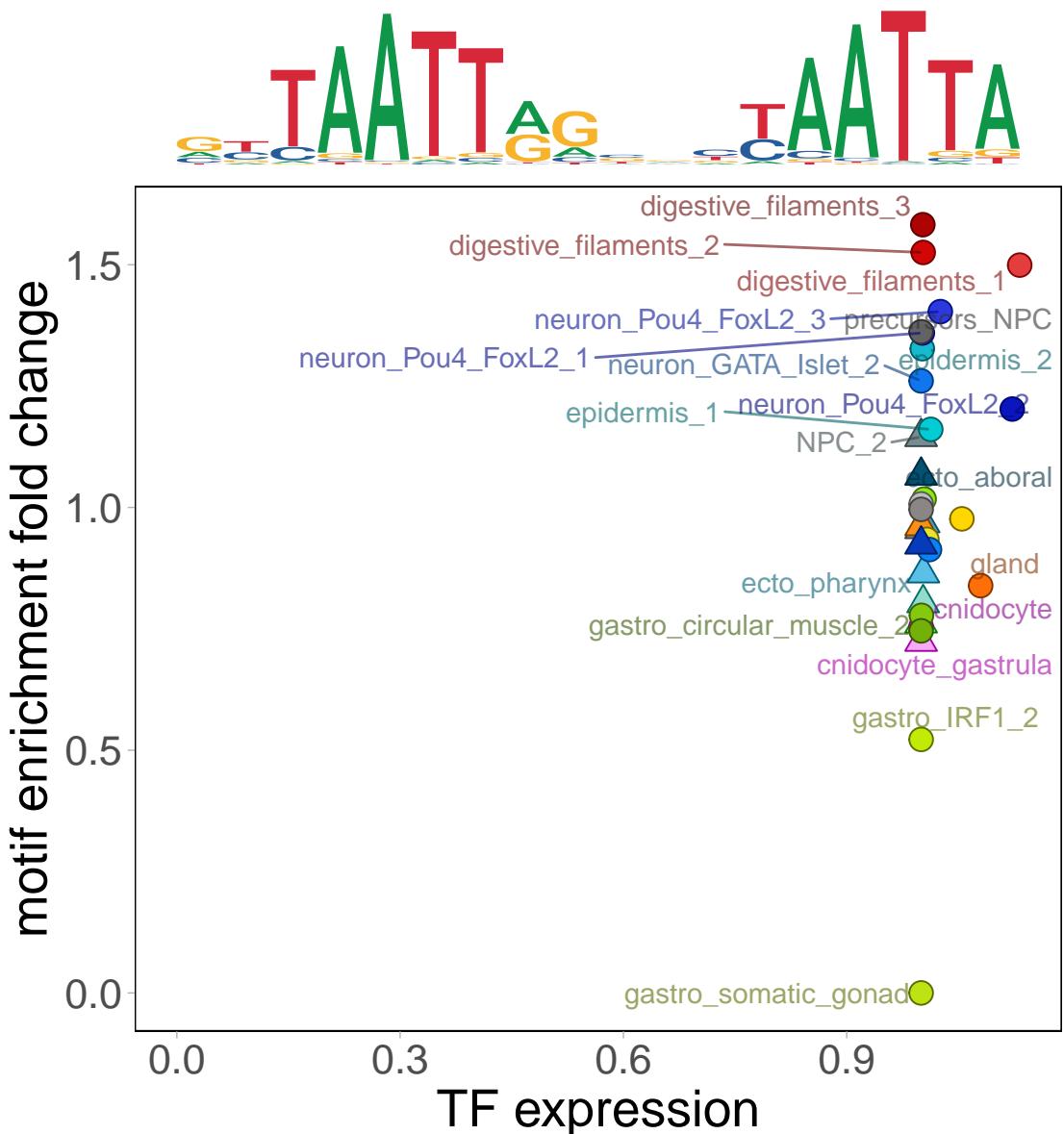
Nvec_vc1.1_XM_032364903.2
OG: zf-C2H2.HG1.57:like:AC008758.1/
PFAM: zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1169
gene expression correlation: 0.4807
gene score correlation: -0.1926



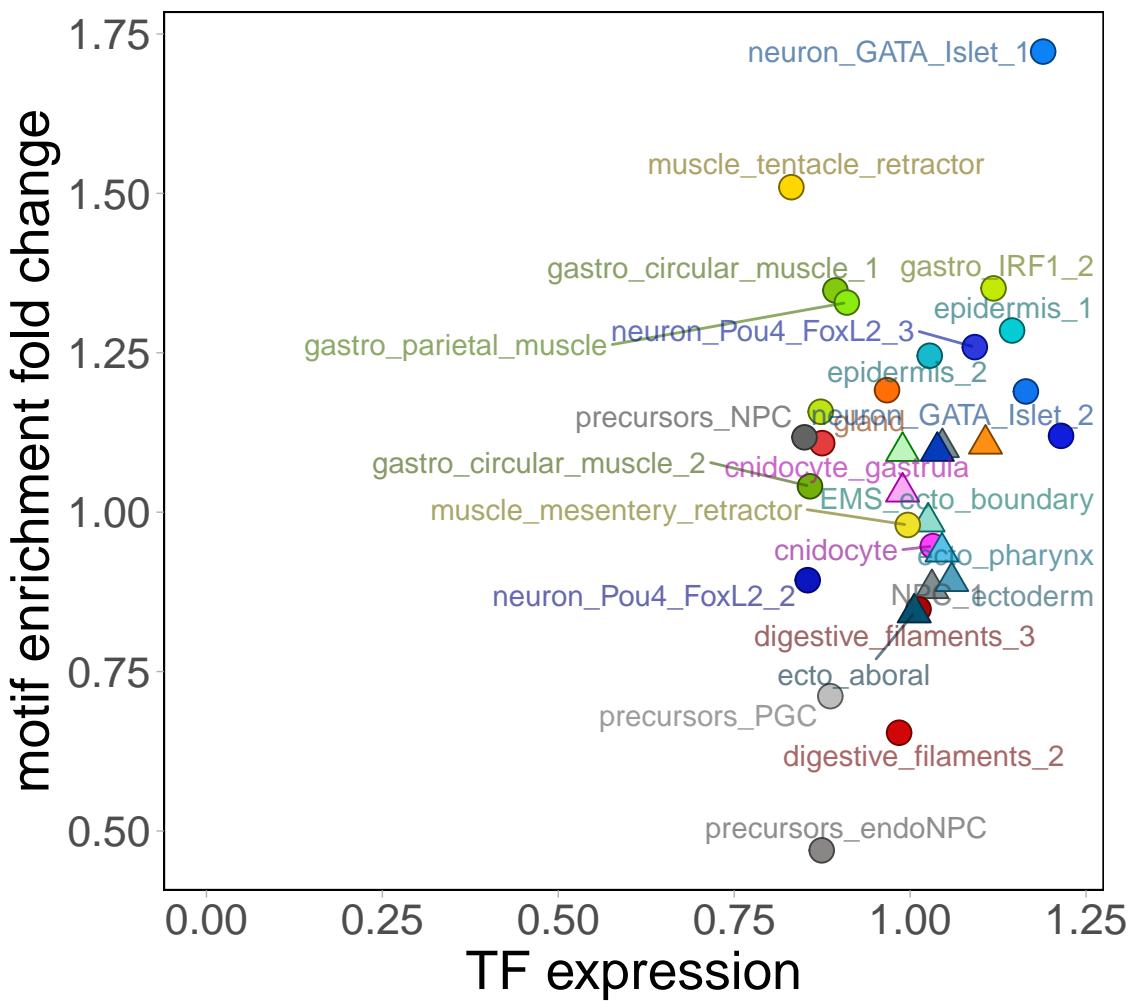
Nvec_vc1.1_XM_032365104.2
OG: Forkhead.HG1.34:like:FOXO1/FOX
PFAM: Forkhead
motif: ARCH1018_Foxc2/Foxc1_Foxd2/
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 447
gene expression correlation: 0.3905
gene score correlation: 0.1135



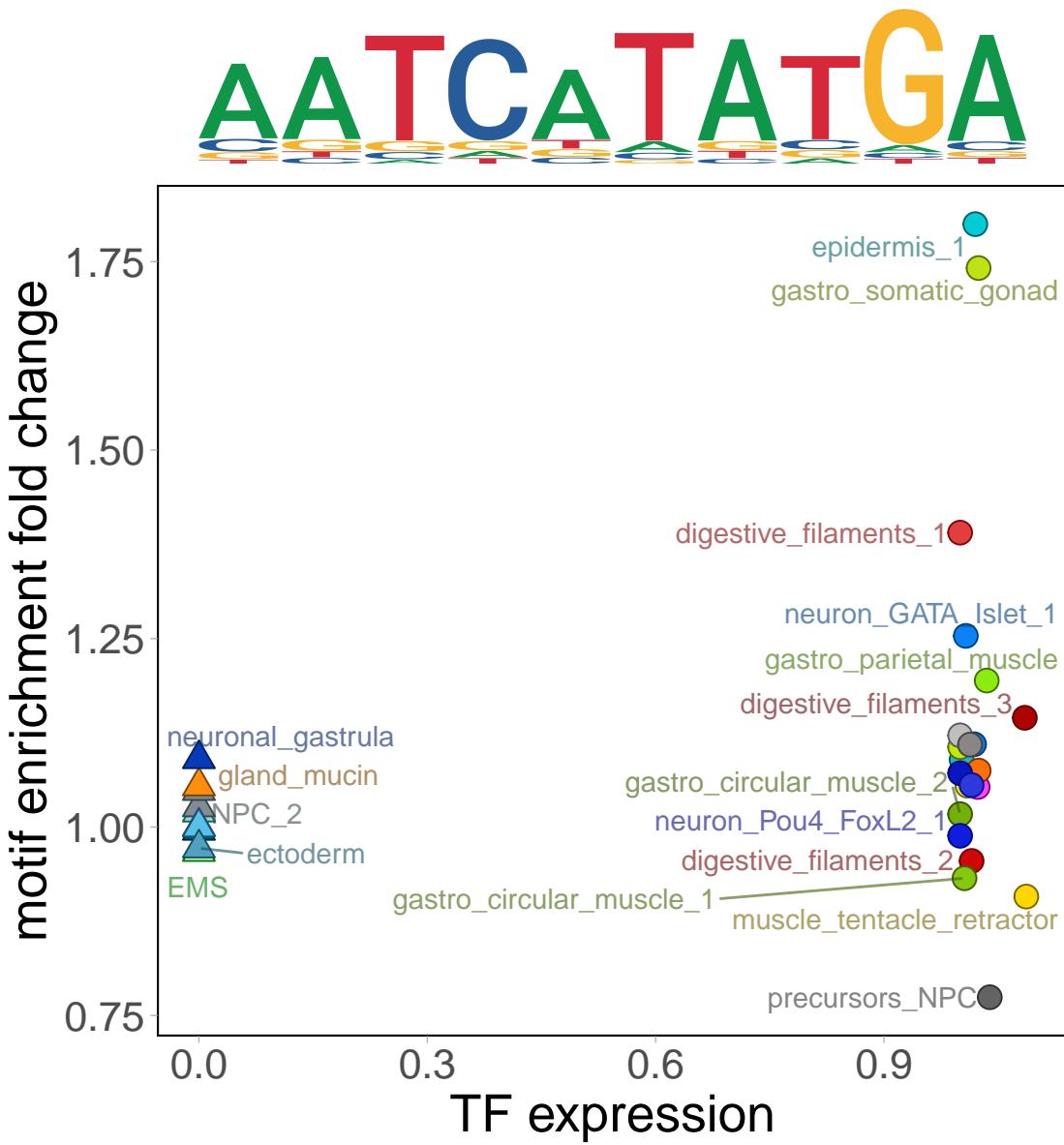
Nvec_vc1.1_XM_032365212.2
OG: Homeodomains.HG2.3:like:AC0252
PFAM: Homeodomain
motif: ARCH322_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 138
gene expression correlation: 0.2522
gene score correlation: 0.2235



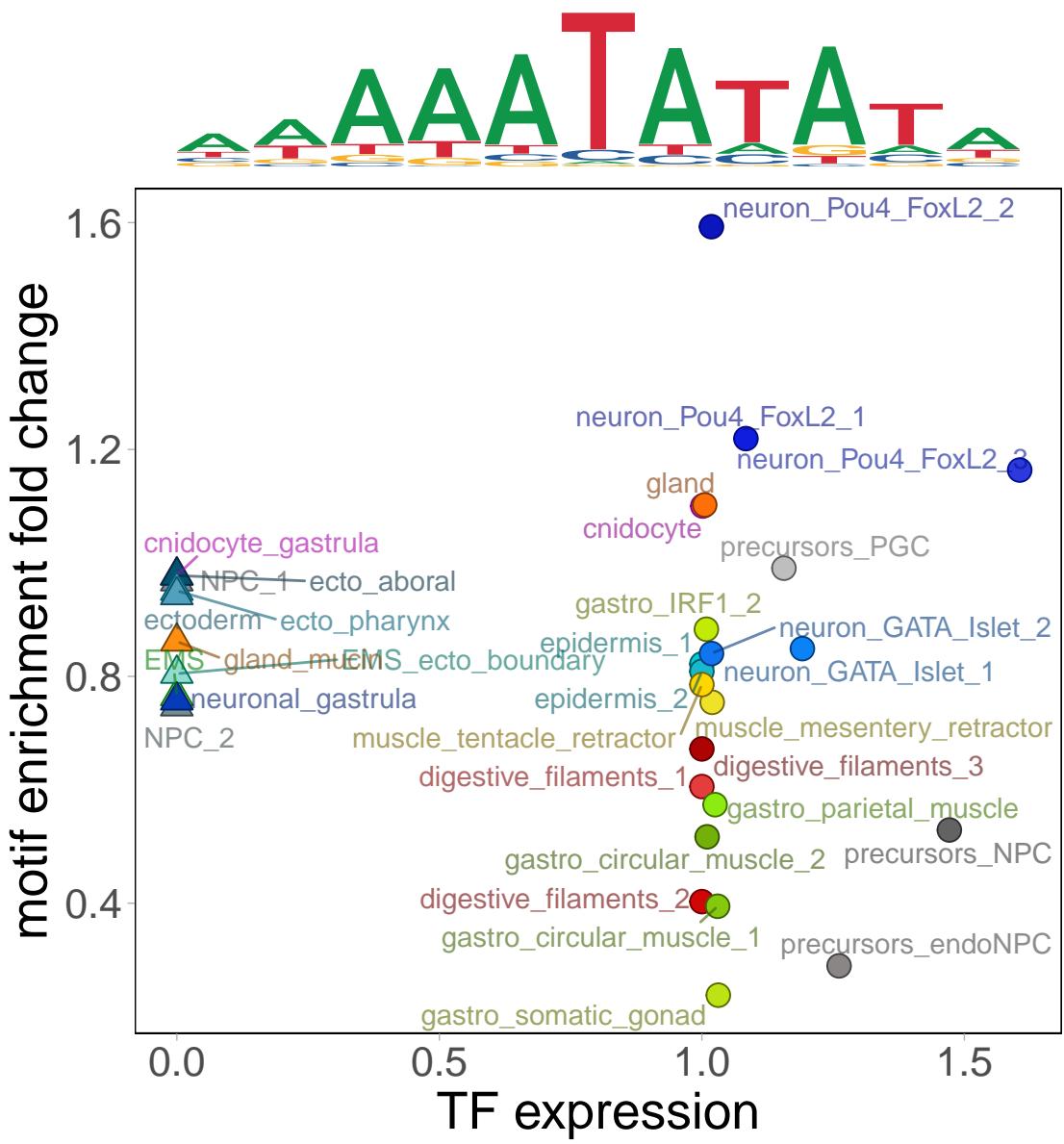
Nvec_vc1.1_XM_032365977.2
OG: zf-C2H2.HG1.33:like:AC008758.1/
PFAM: zf-C2H2
motif: ARCH909_Egr3/Egr1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2605
gene score correlation: 0.5580



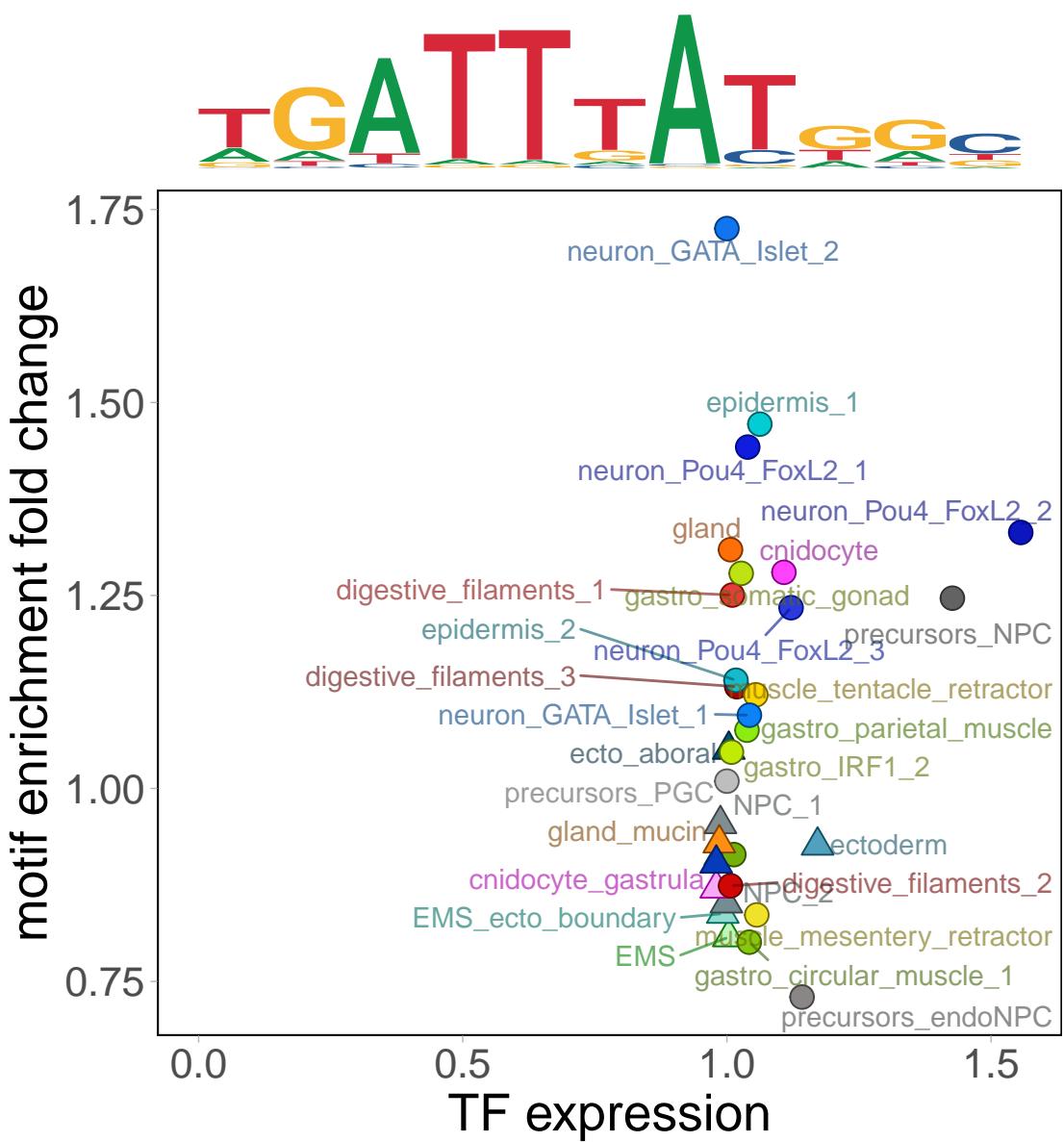
Nvec_vc1.1_XM_032366030.2
OG: HLH.HG1.5:like:CCDC169-SOHLH
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 497
gene expression correlation: 0.2616
gene score correlation: 0.1175



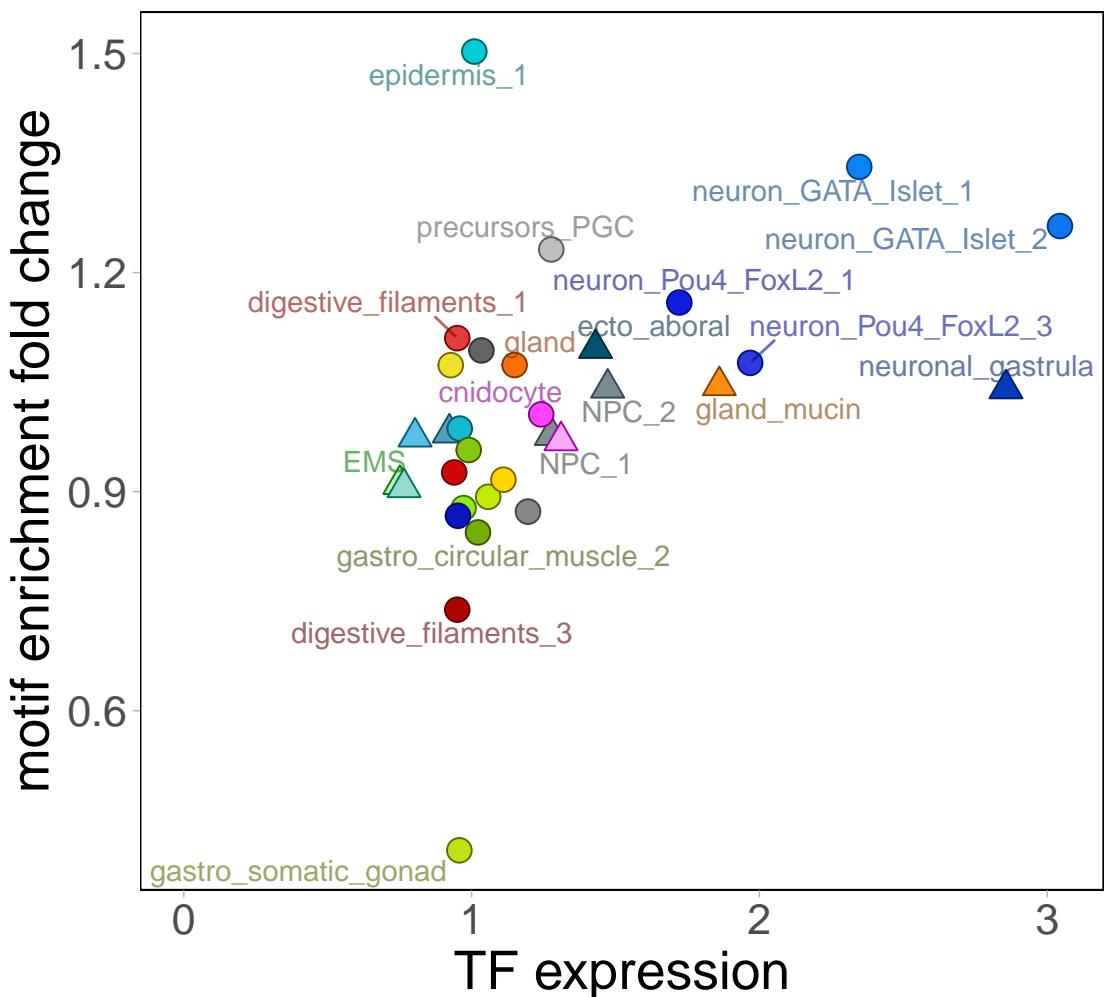
Nvec_vc1.1_XM_032366085.2
OG: Homeodomains.HG1.44:EMX1/EM
PFAM: Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 135
gene expression correlation: -0.1444
gene score correlation: 0.1382



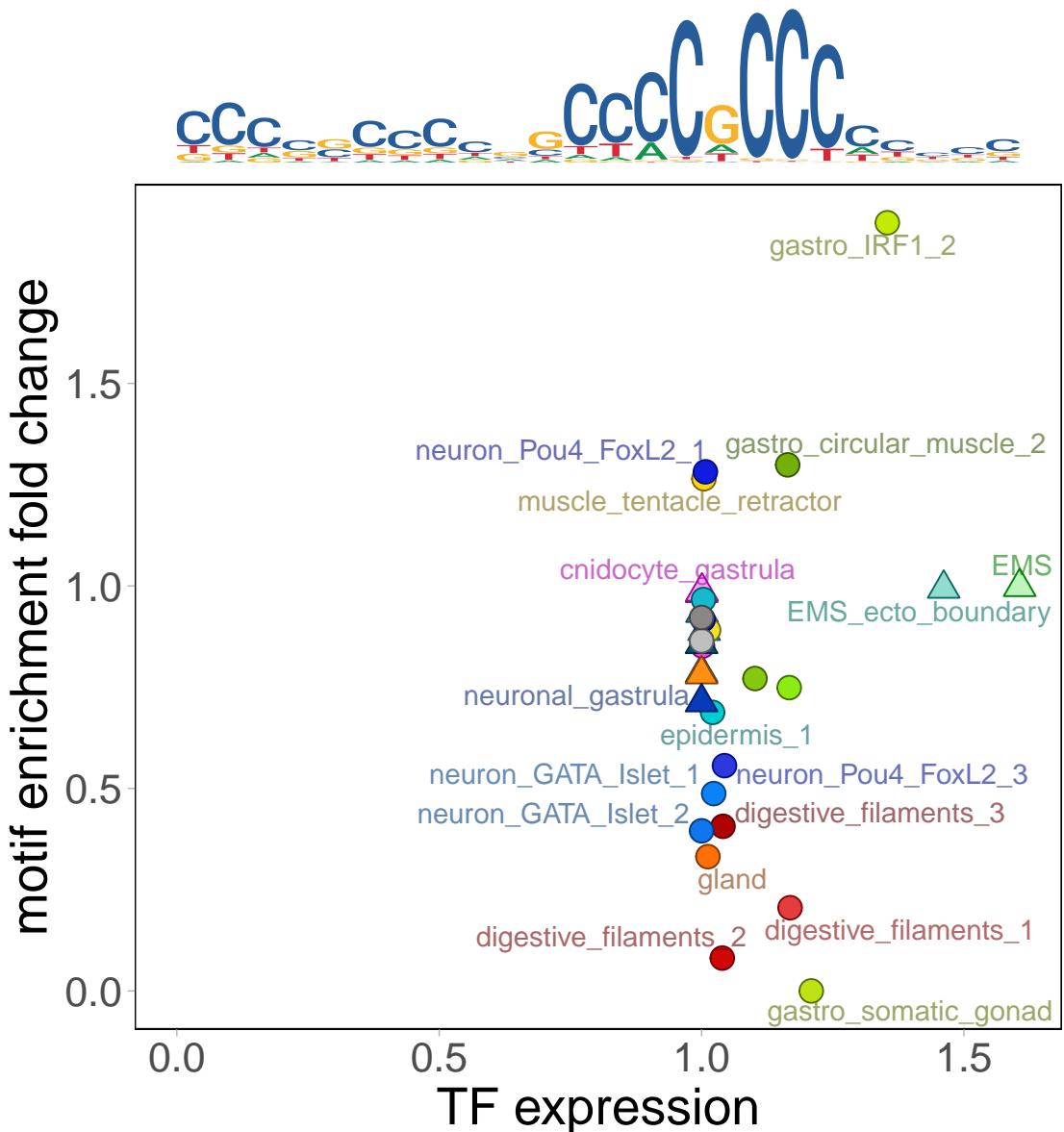
Nvec_vc1.1_XM_032366210.2
OG: Homeodomains.HG1.48:MSX1/MS
PFAM: Homeodomain
motif: ARCH1028_Alx3/Alx4/AIx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 71
gene expression correlation: 0.2494
gene score correlation: 0.2840



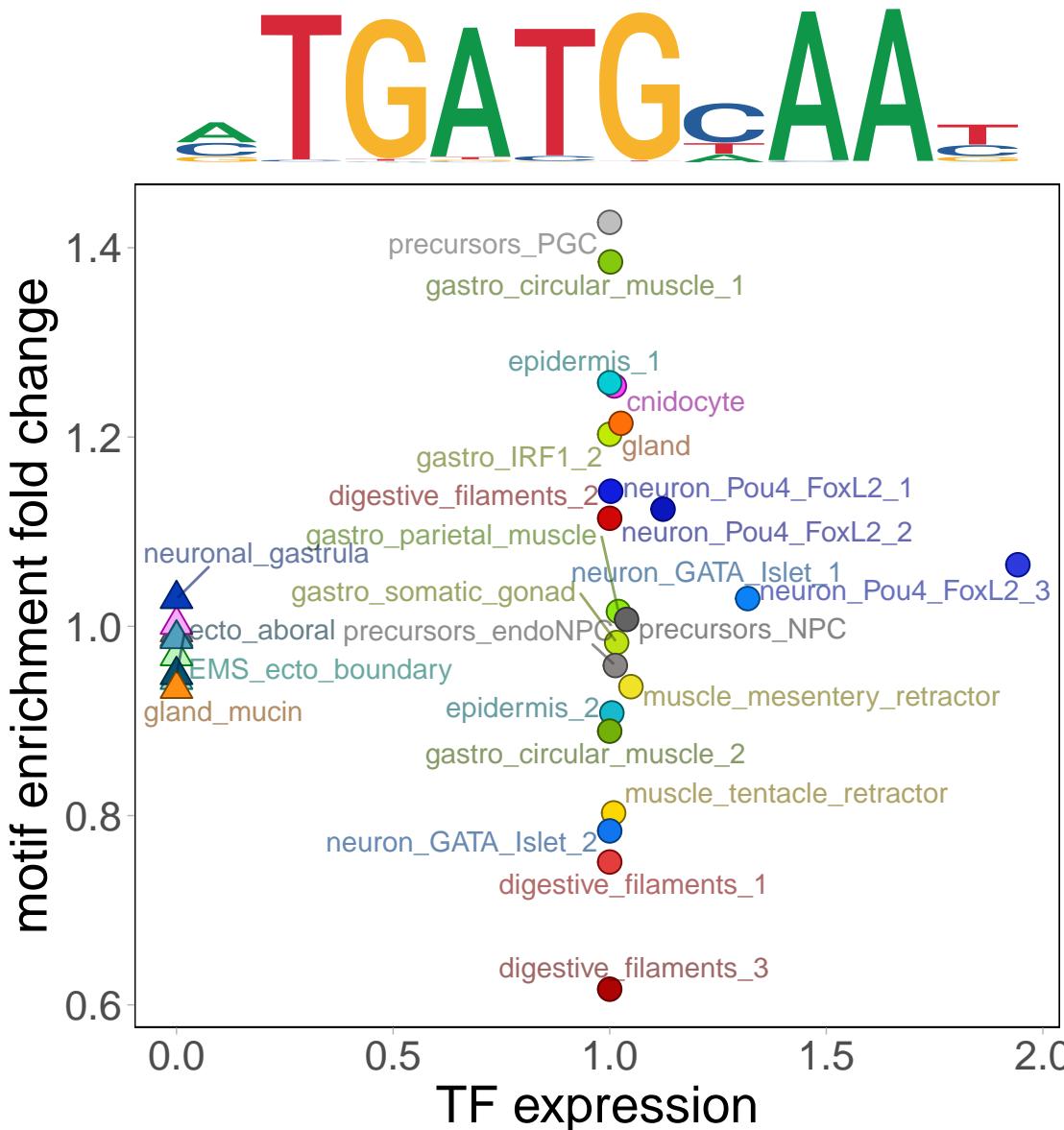
Nvec_vc1.1_XM_032366211.2
OG: Homeodomains.HG1.34:HMX1/HM
PFAM: Homeodomain
motif: ARCH1316_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.4334
gene score correlation: 0.2759



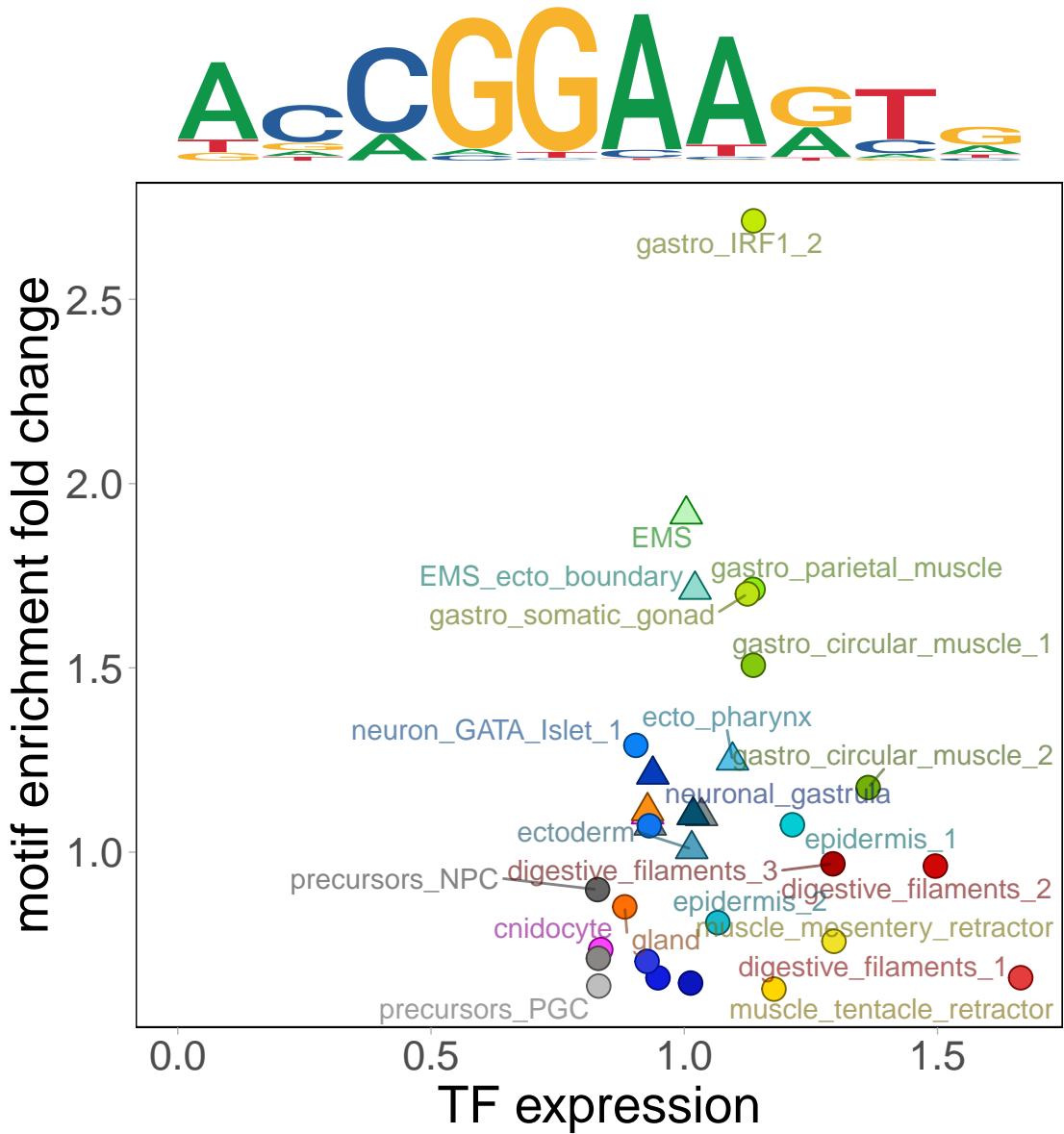
Nvec_vc1.1_XM_032366225.2
OG: zf-C2H2.HG2.5:KLF15
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH4_Klf1/Klf4/Klf2_Klf11_...
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 573
gene expression correlation: 0.1983
gene score correlation: 0.1605



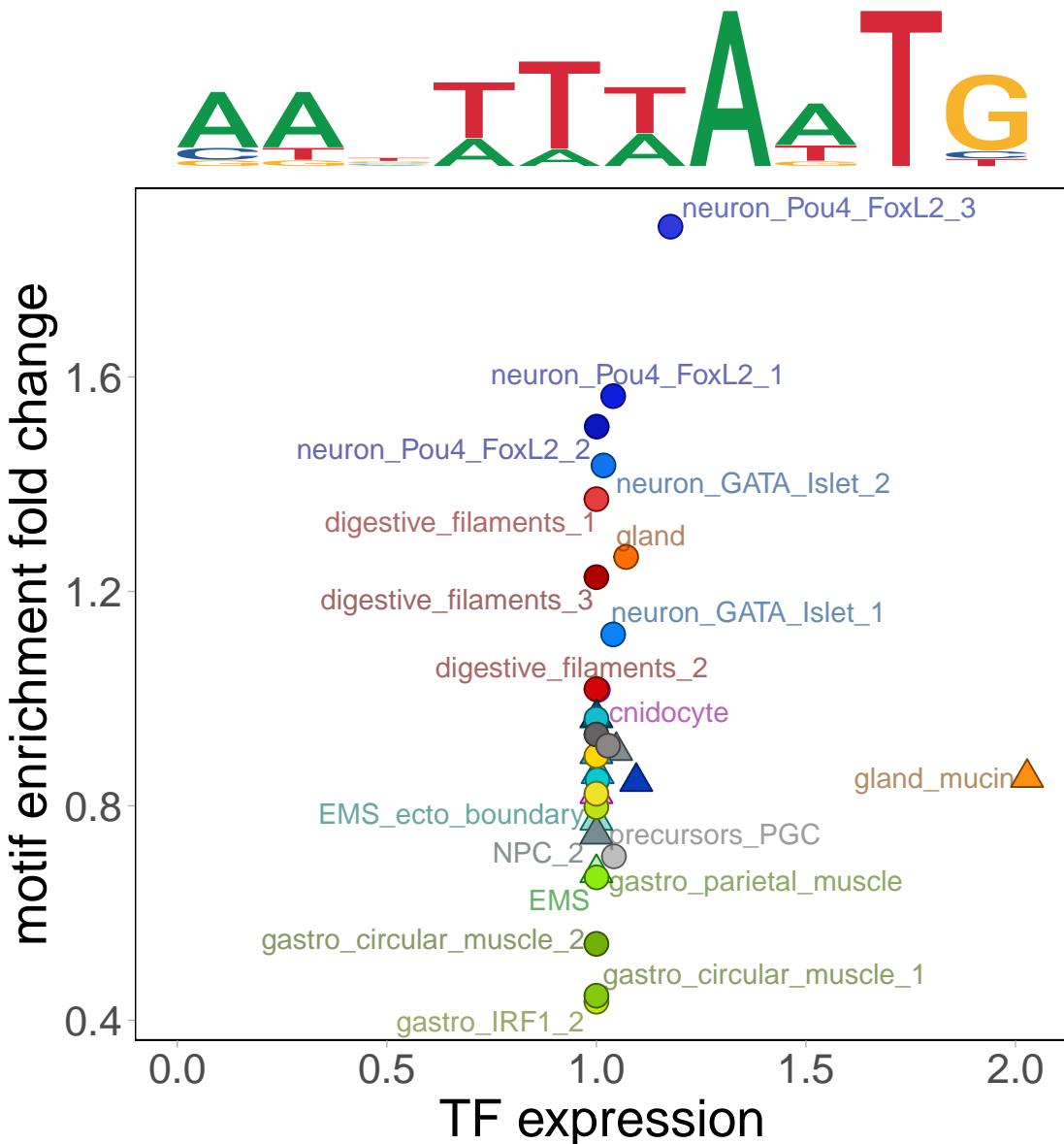
Nvec_vc1.1_XM_032366242.2
OG: bZIP.HG2.12:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH620_Atf4/Atf5
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 854
gene expression correlation: 0.1681
gene score correlation: -0.0525



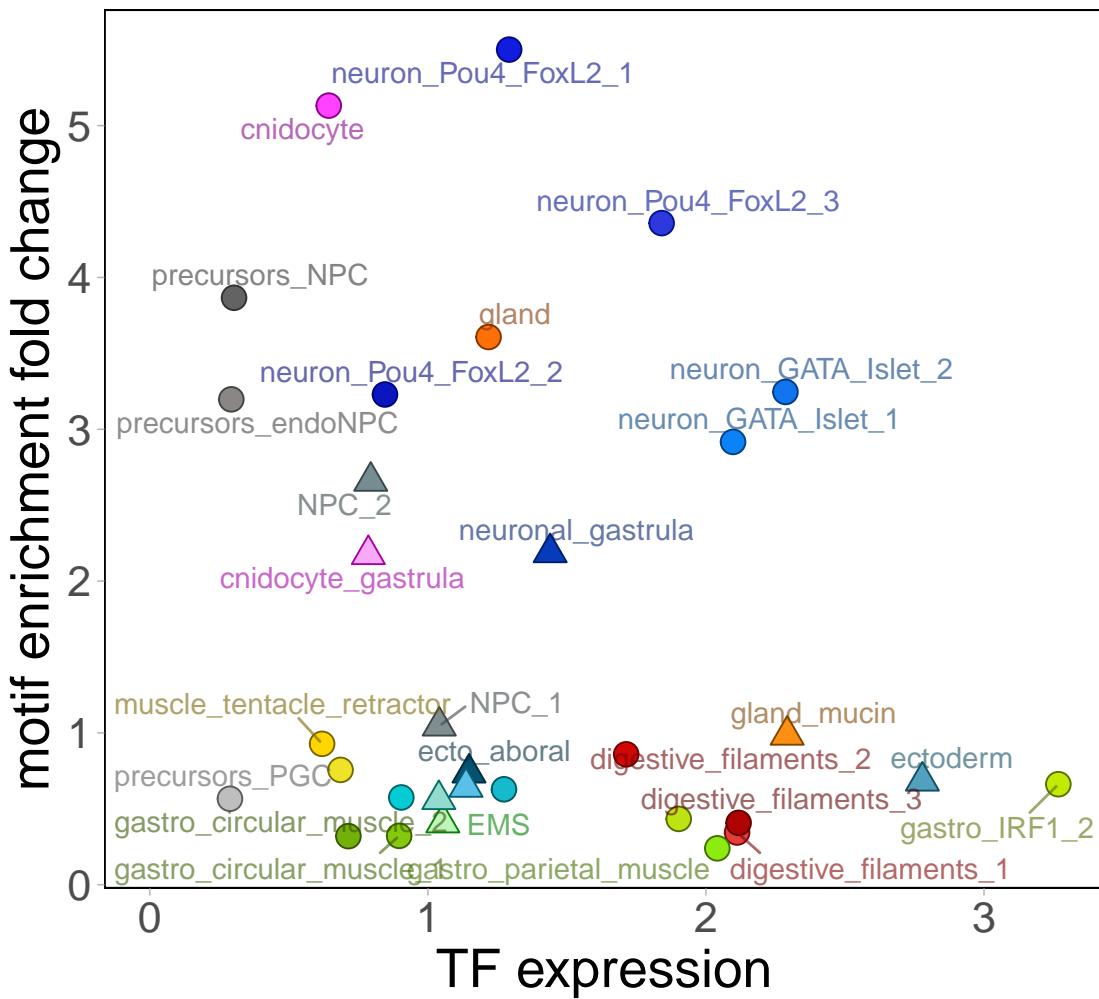
Nvec_vc1.1_XM_032366602.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: SAM_PNT/Ets
motif: ARCH584_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 223
gene expression correlation: 0.0568
gene score correlation: 0.3184



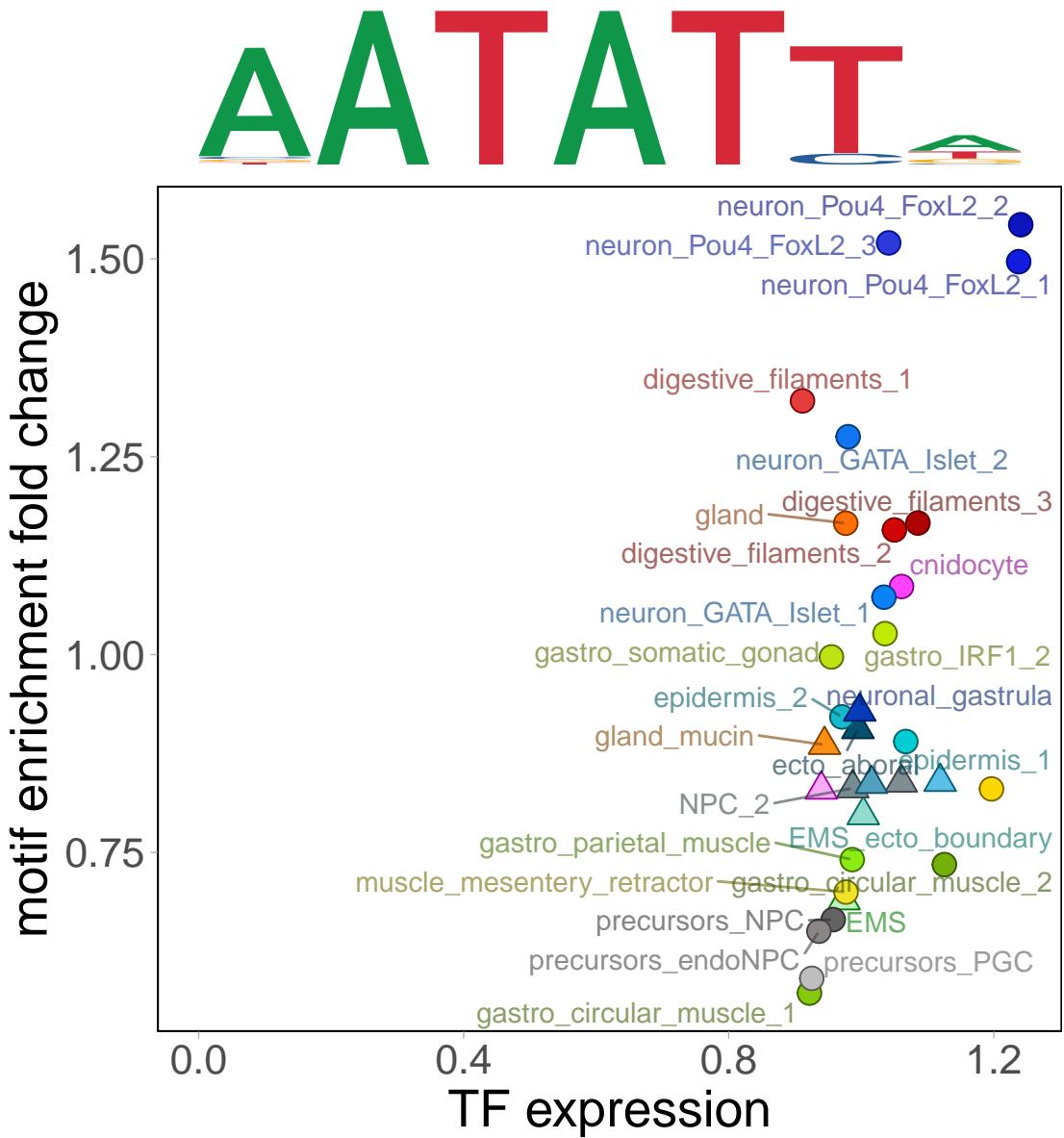
Nvec_vc1.1_XM_032366609.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 31
gene expression correlation: 0.0477
gene score correlation: 0.2969



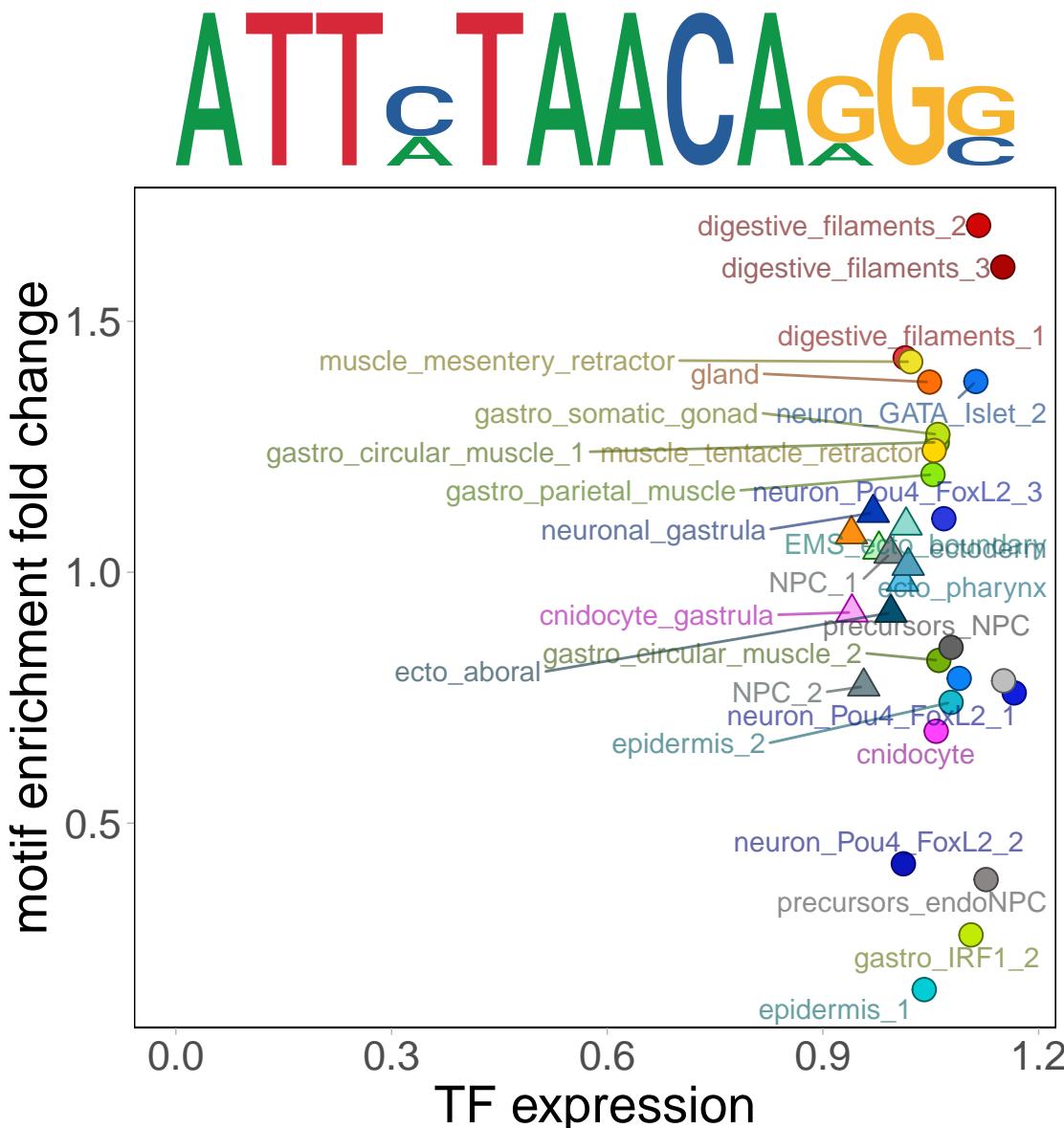
Nvec_vc1.1_XM_032366627.2
OG: zf-C2H2.HG1.44:EGR1/EGR2/EG
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH530_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 35
gene expression correlation: -0.1908
gene score correlation: 0.4260



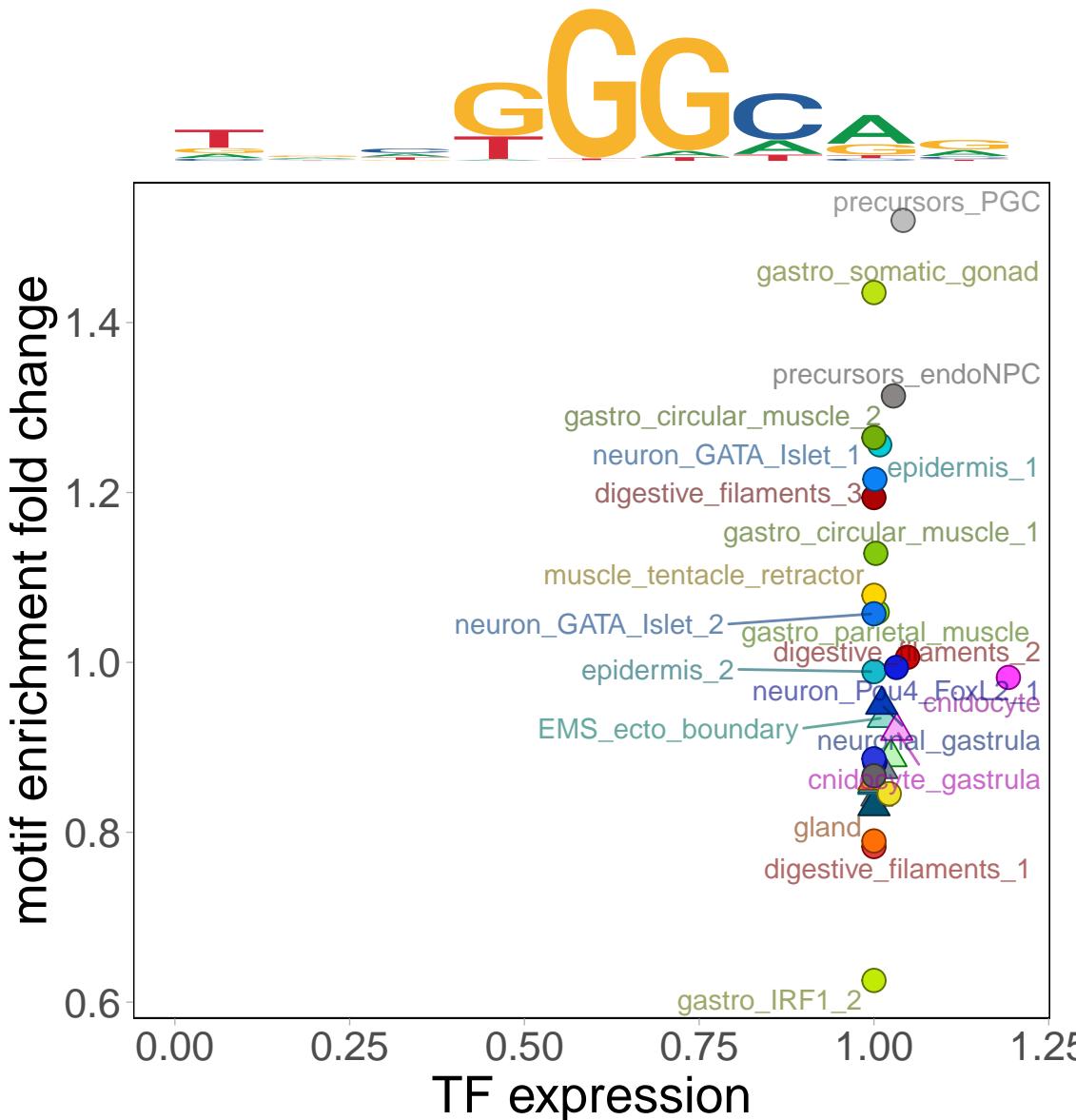
Nvec_vc1.1_XM_032366646.2
OG: ARID_BRIGHT.HG1.5:ARID5A/AR
PFAM: ARID
motif: ARCH1088_Arid5b/Arid5a
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: TRUE
rank: 59
gene expression correlation: 0.4674
gene score correlation: 0.3357



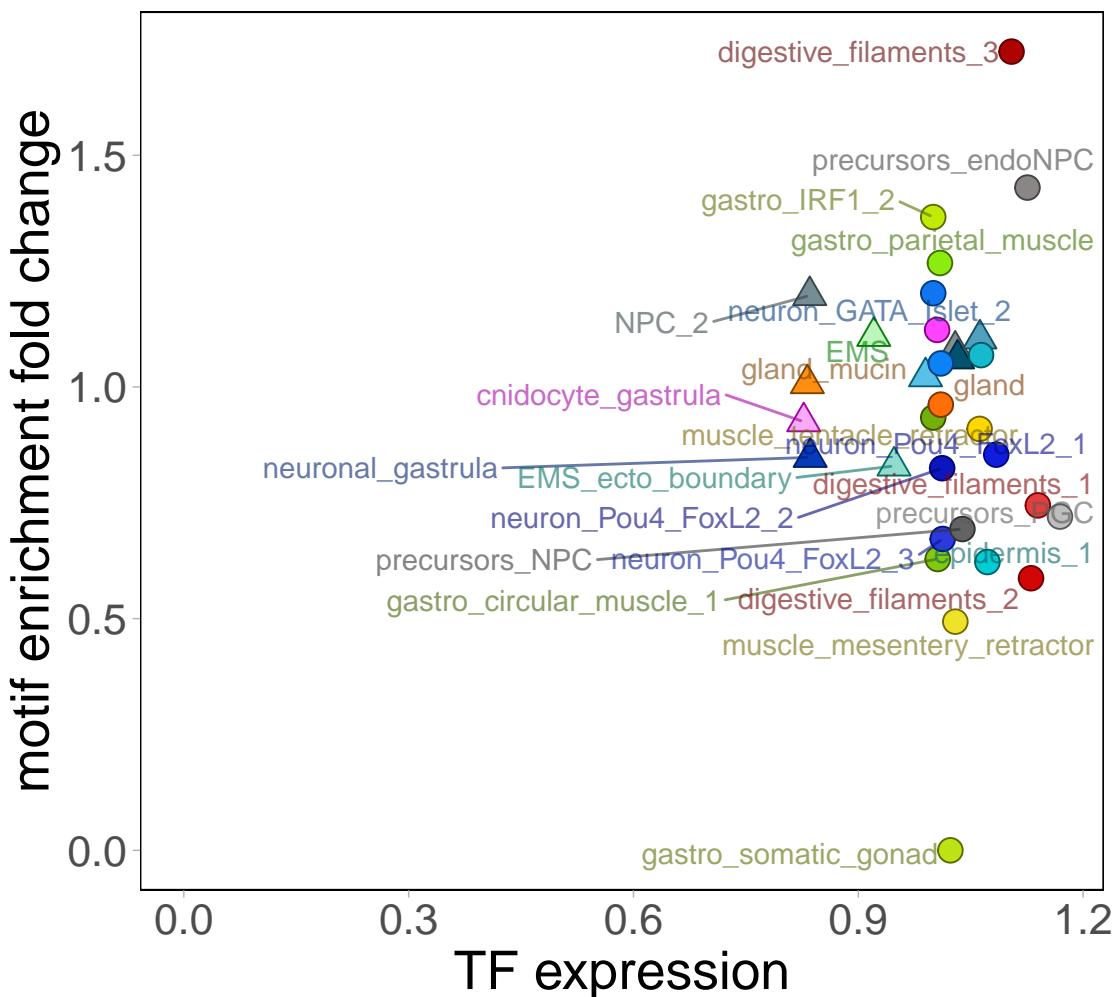
Nvec_vc1.1_XM_032366739.2
OG: HMGbox_Sox.HG1.65:HMG20B
PFAM: HMG_box
motif: ARCH1129_PB0174.1_Sox30_2
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 733
gene expression correlation: -0.0178
gene score correlation: -0.0391



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: 0.0816
gene score correlation: -0.0613

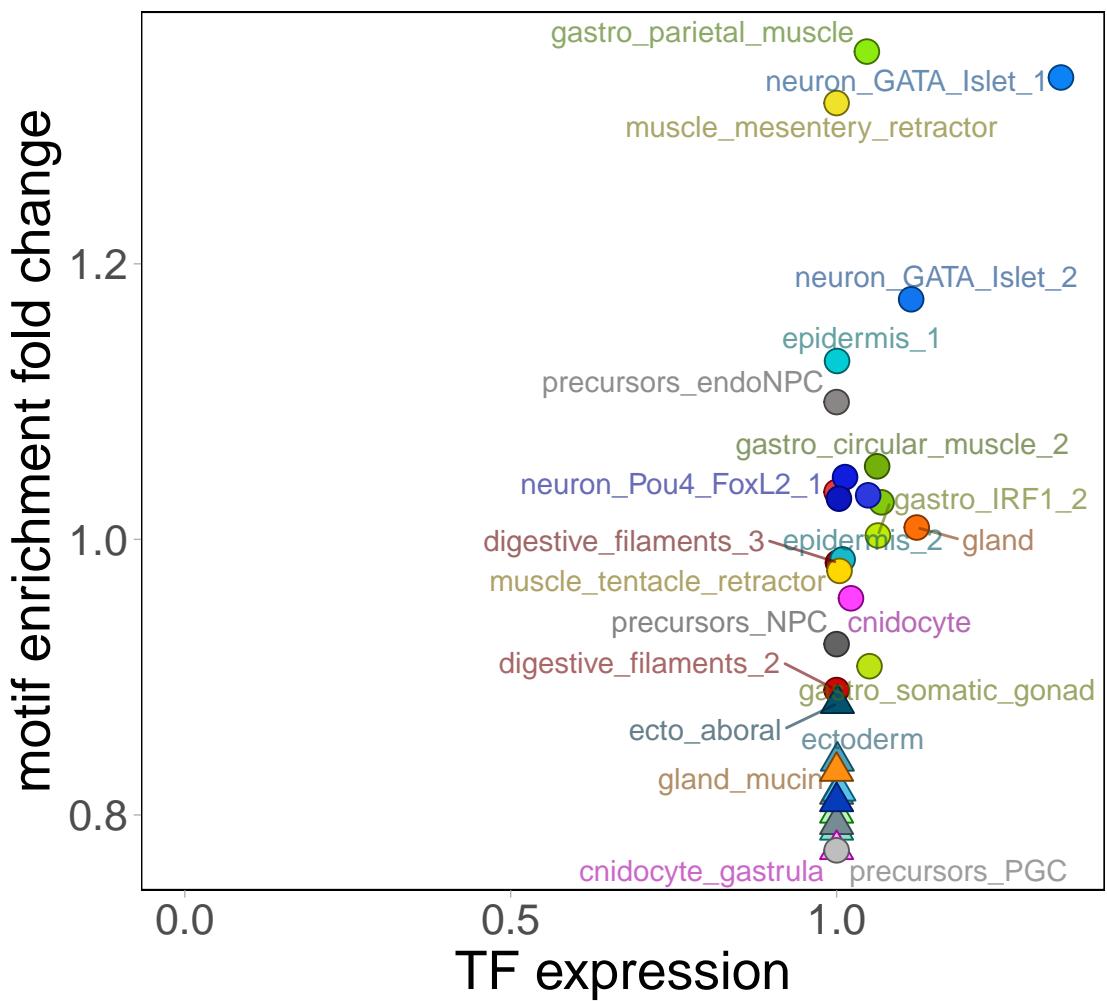


Nvec_vc1.1_XM_032366797.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA-binding
motif: ARCH193_MYB116
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 331
gene expression correlation: -0.0729
gene score correlation: -0.1368

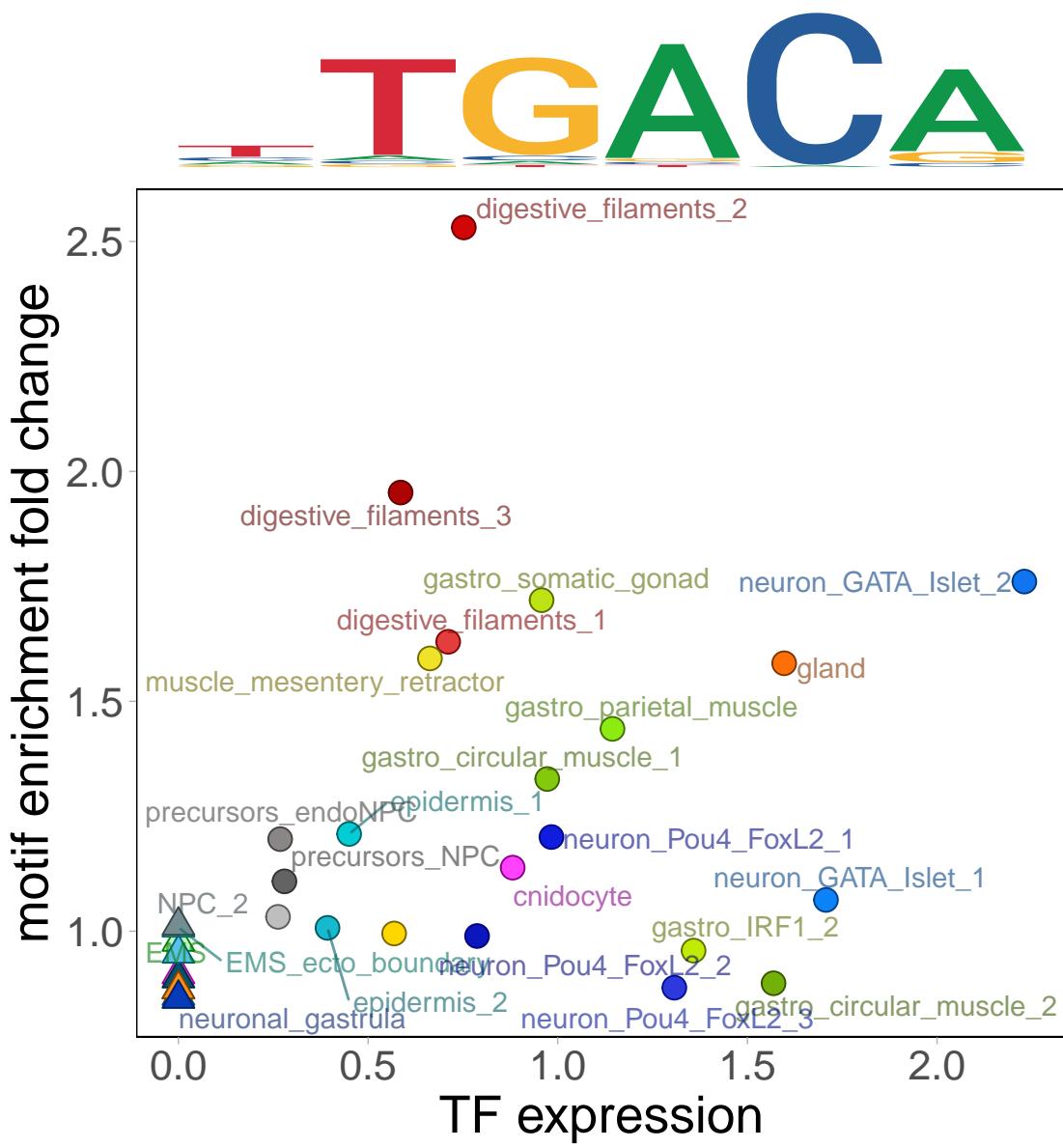


Nvec_vc1.1_XM_032366836.2
OG: Homeodomains.HG1.54:like:NOTO
PFAM: Homeodomain
motif: ARCH1552_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1301
gene expression correlation: 0.5345
gene score correlation: 0.0043

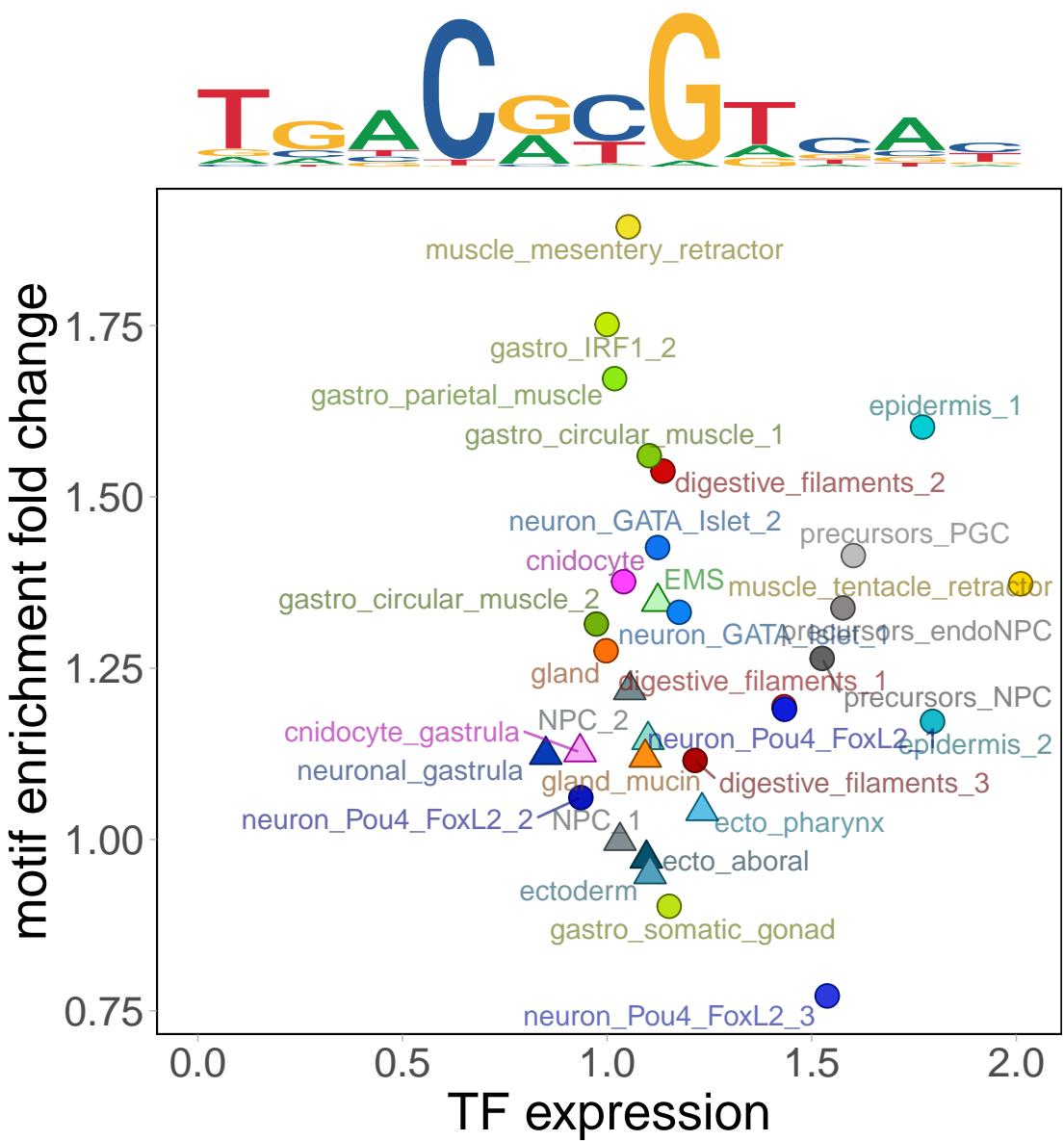
TGA 



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: 0.3774
gene score correlation: 0.7751



Nvec_vc1.1_XM_032367127.2
OG: bZIP.HG2.10:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH1566_Crem/Creb1/Atf1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.0154
gene score correlation: 0.2244



Nvec_vc1.1_XM_032367197.2

OG: zf-C2H2_HG18.0:7NF277

PEAM: $zf \text{ C2H2 } 2/zf \text{ C2H2 } 2$

motif: ARCH1311 Yy1

TF family: zf-C2H2

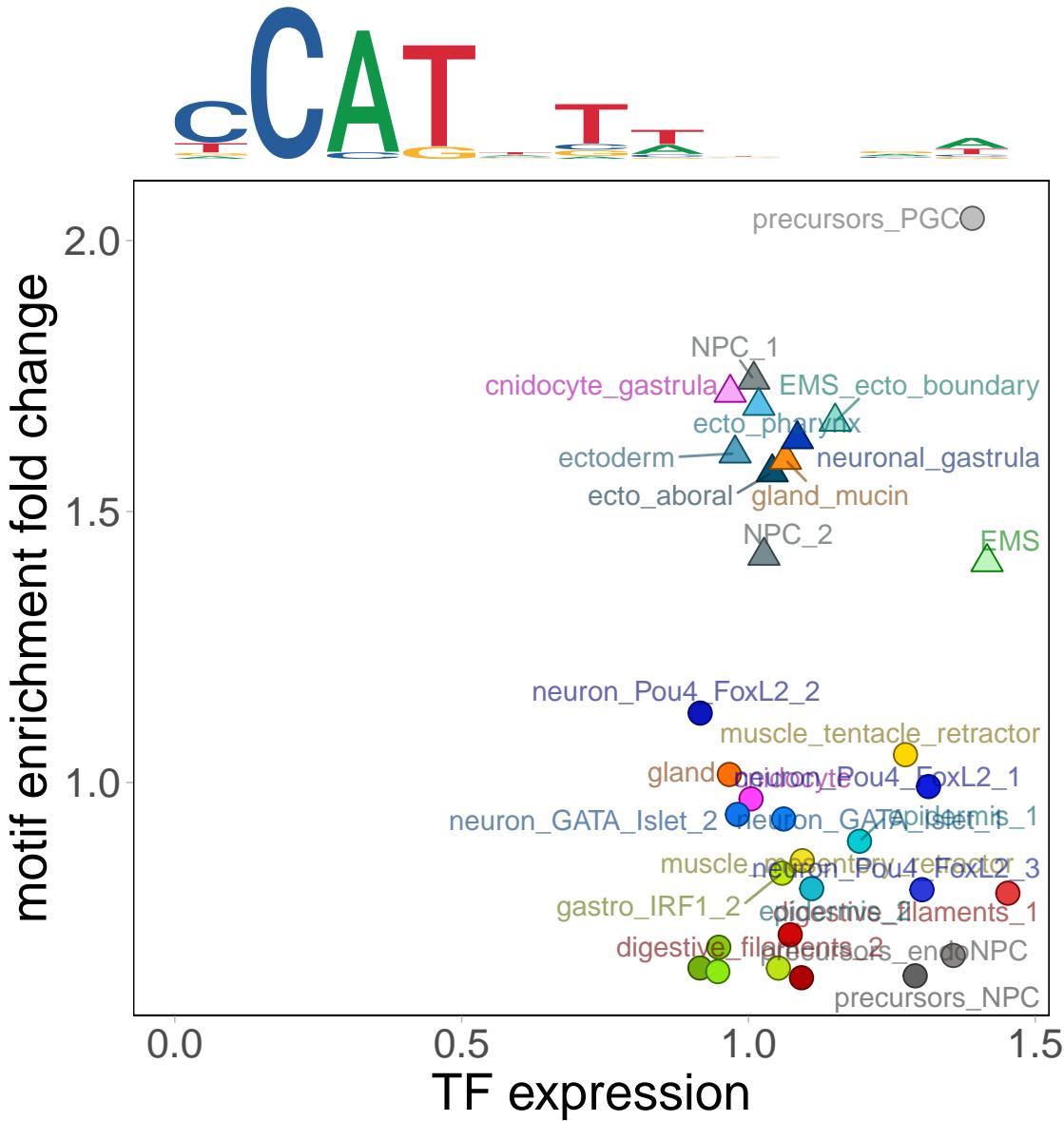
archetype family: zf-C2H2

CisBP assigned: FALSE

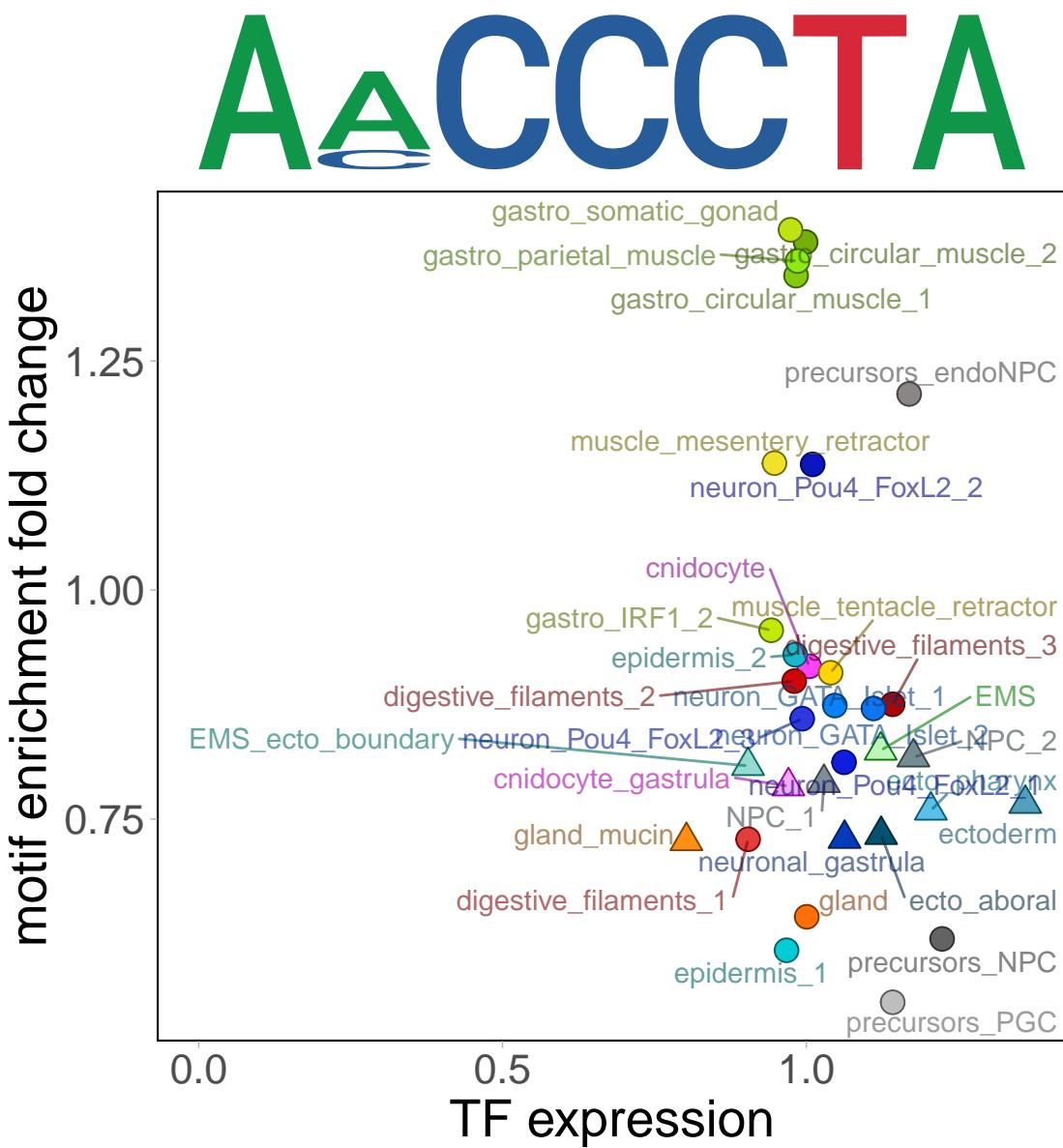
rank: 7

gene expression correlation: -0.0215

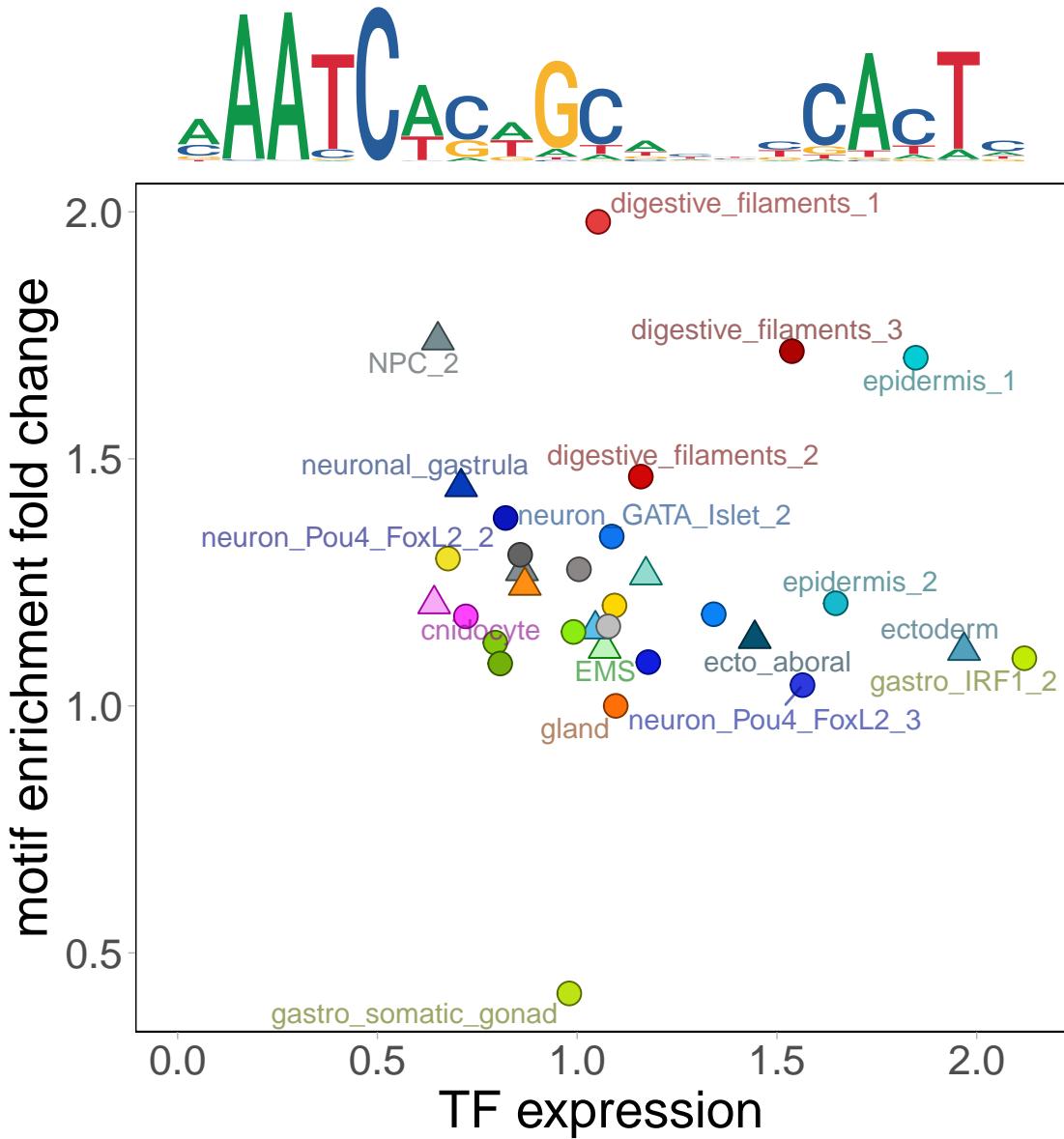
gene score correlation: -0.1521



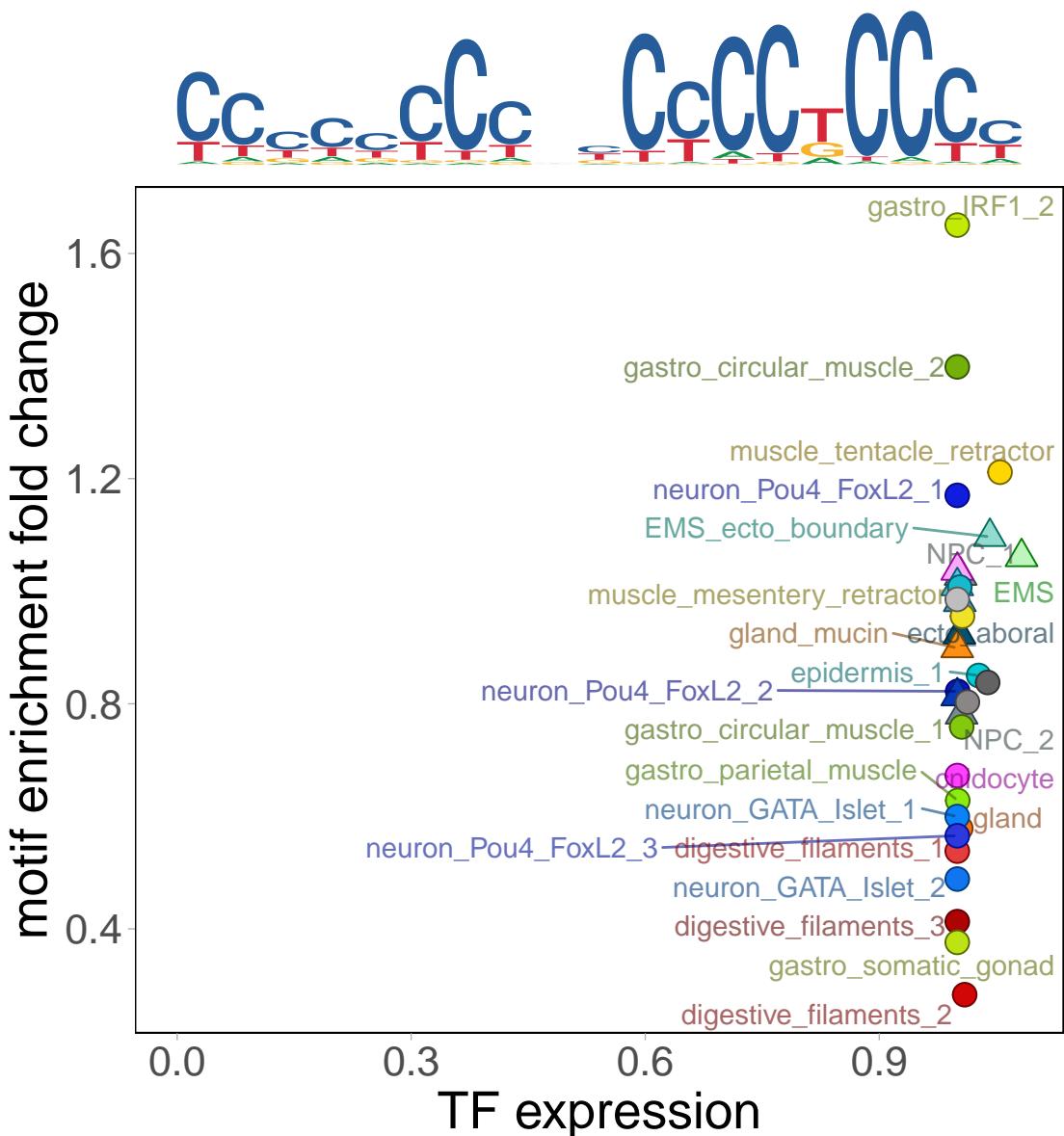
Nvec_vc1.1_XM_032367750.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCC
PFAM: Myb_DNA-binding
motif: ARCH1489_0610010K14Rik
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 1691
gene expression correlation: -0.2176
gene score correlation: -0.2883



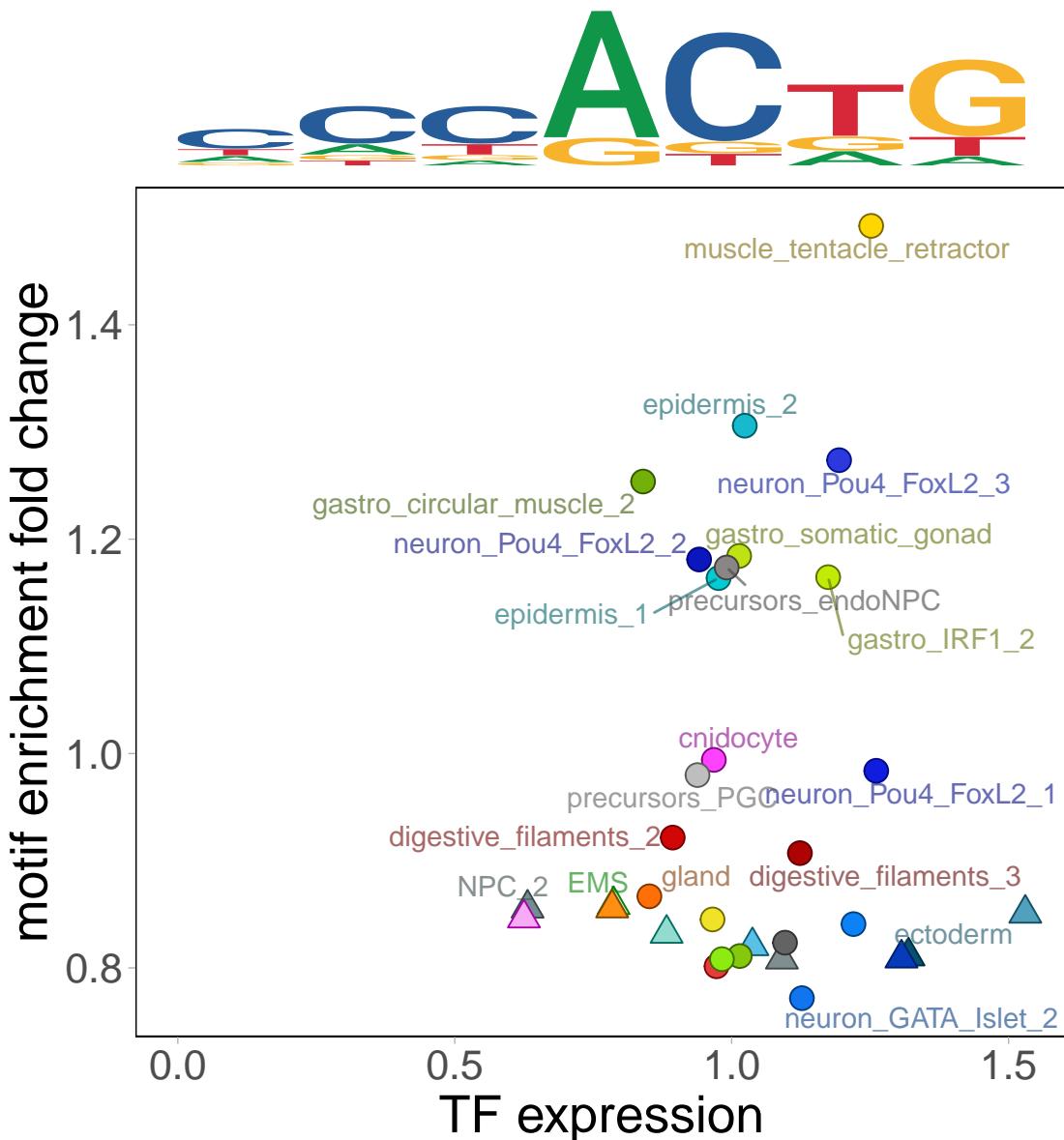
Nvec_vc1.1_XM_032367802.2
OG: zf-C2H2.HG2.9:like:KLF3/KLF5/KL
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: -0.0189
gene score correlation: 0.2570



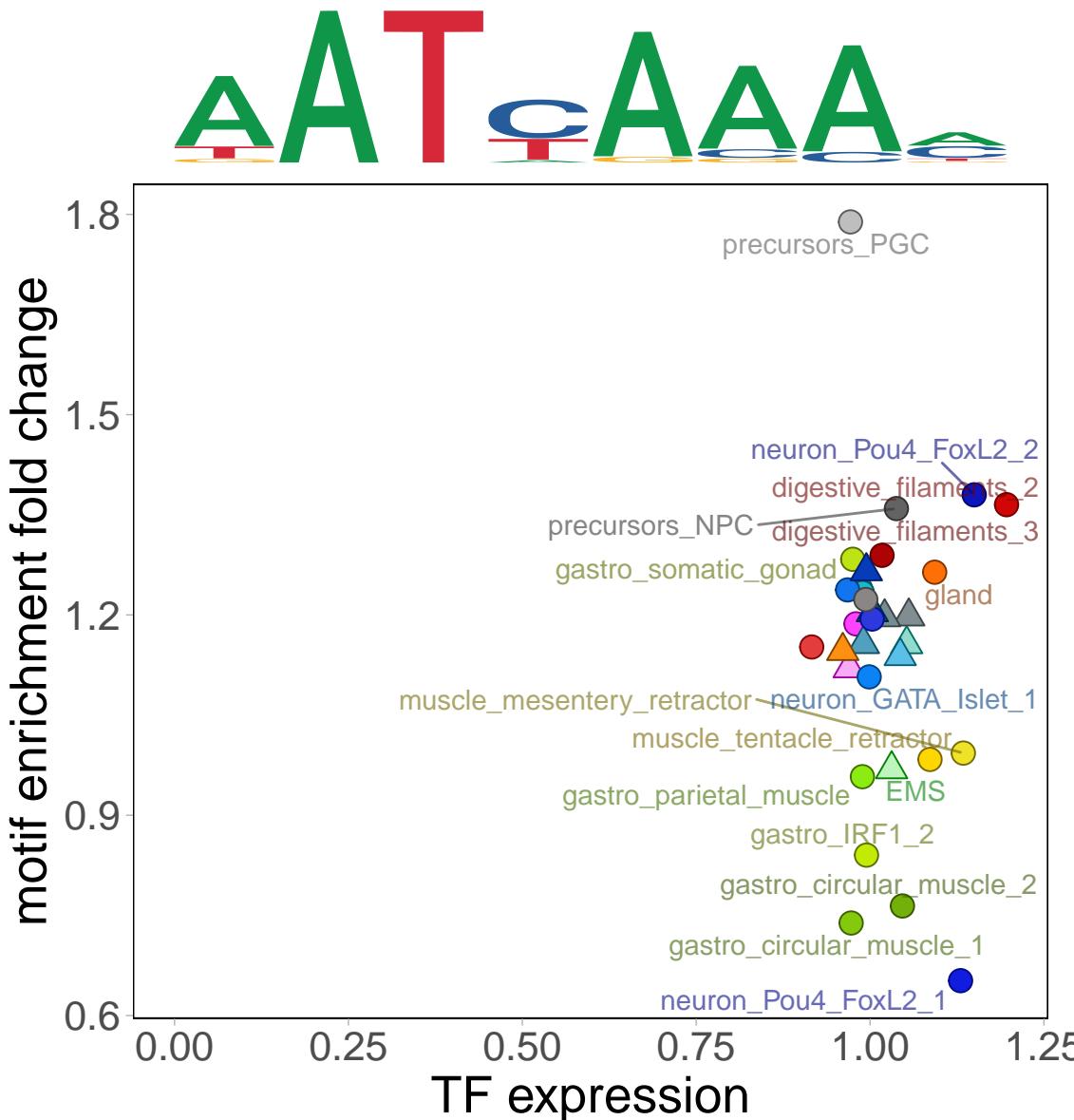
Nvec_vc1.1_XM_032368799.2
OG: zf-C2H2.HG1.130:ZBTB45
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH361_Klf15
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 255
gene expression correlation: 0.2339
gene score correlation: 0.1089



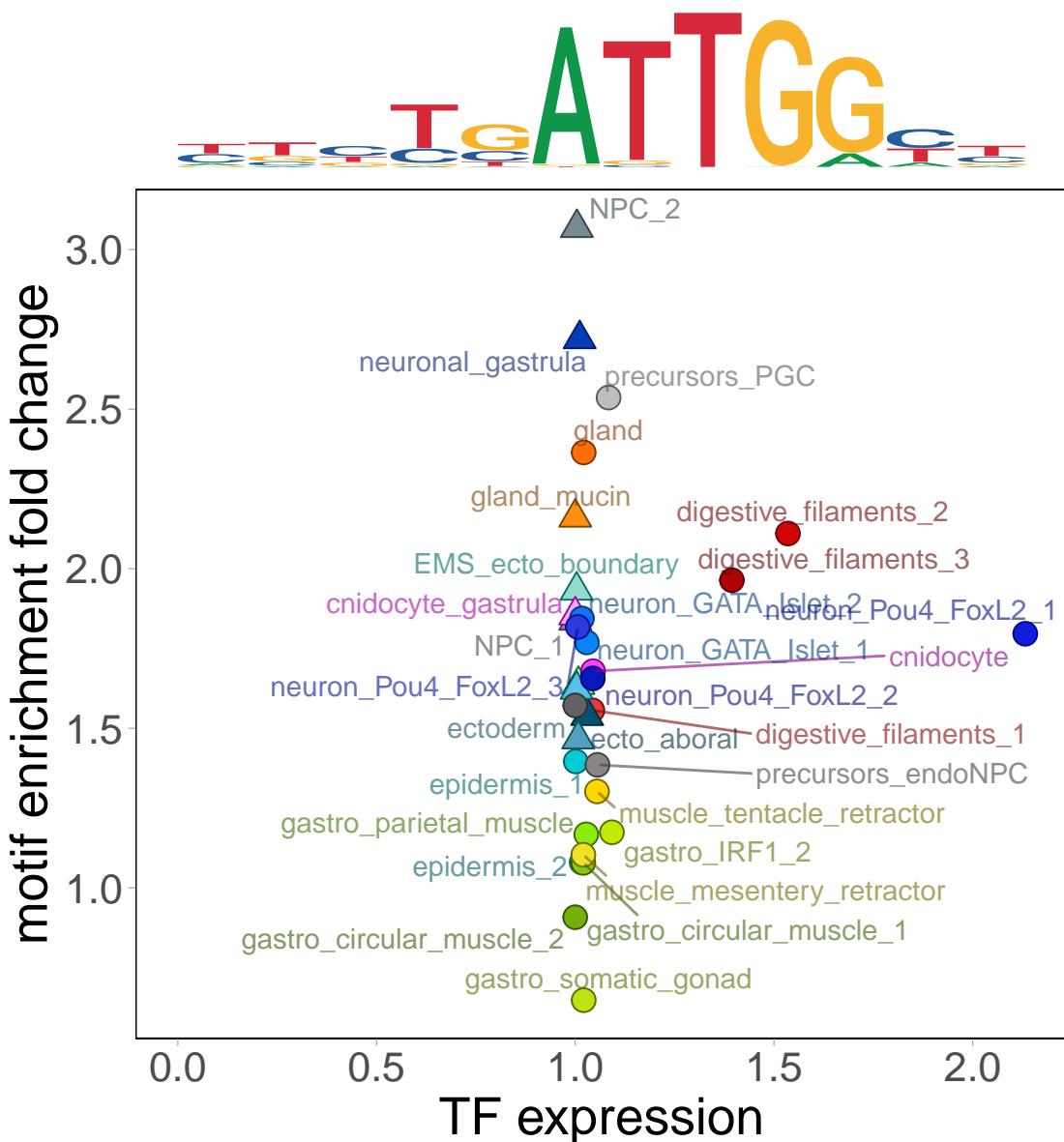
Nvec_vc1.1_XM_032369437.2
OG: zf-C2H2.HG2.20:KLF6/KLF7
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH407_Klf1/Klf4/Klf2_Klf5...
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 585
gene expression correlation: 0.0859
gene score correlation: 0.0920



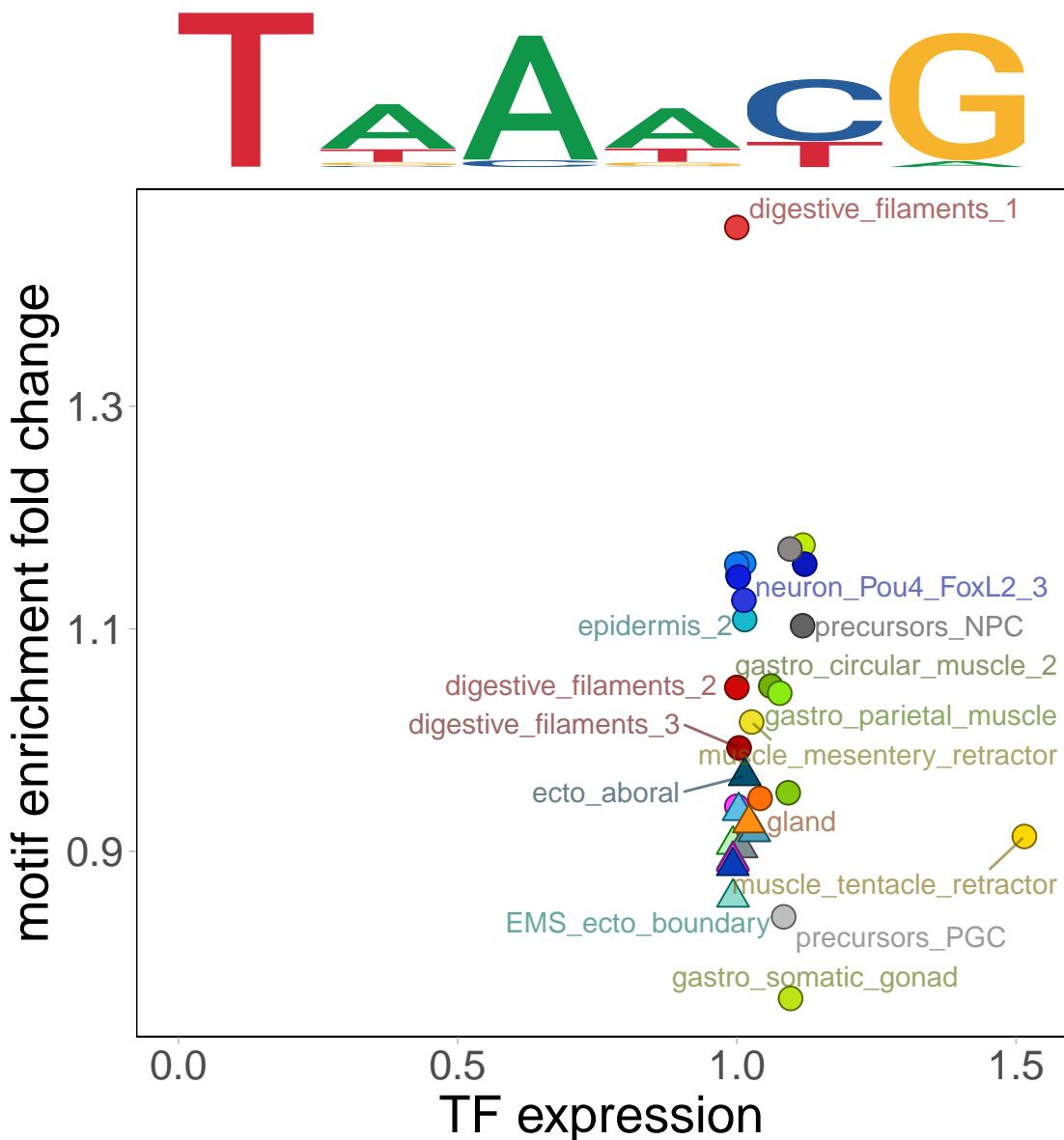
Nvec_vc1.1_XM_032369810.2
OG: ARID_BRIGHT.HG1.7:like:ARID1A
PFAM: ARID/BAF250_C
motif: ARCH64_Arid2_Arid3c/Arid3a/...
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: FALSE
rank: 10
gene expression correlation: -0.0823
gene score correlation: 0.5437



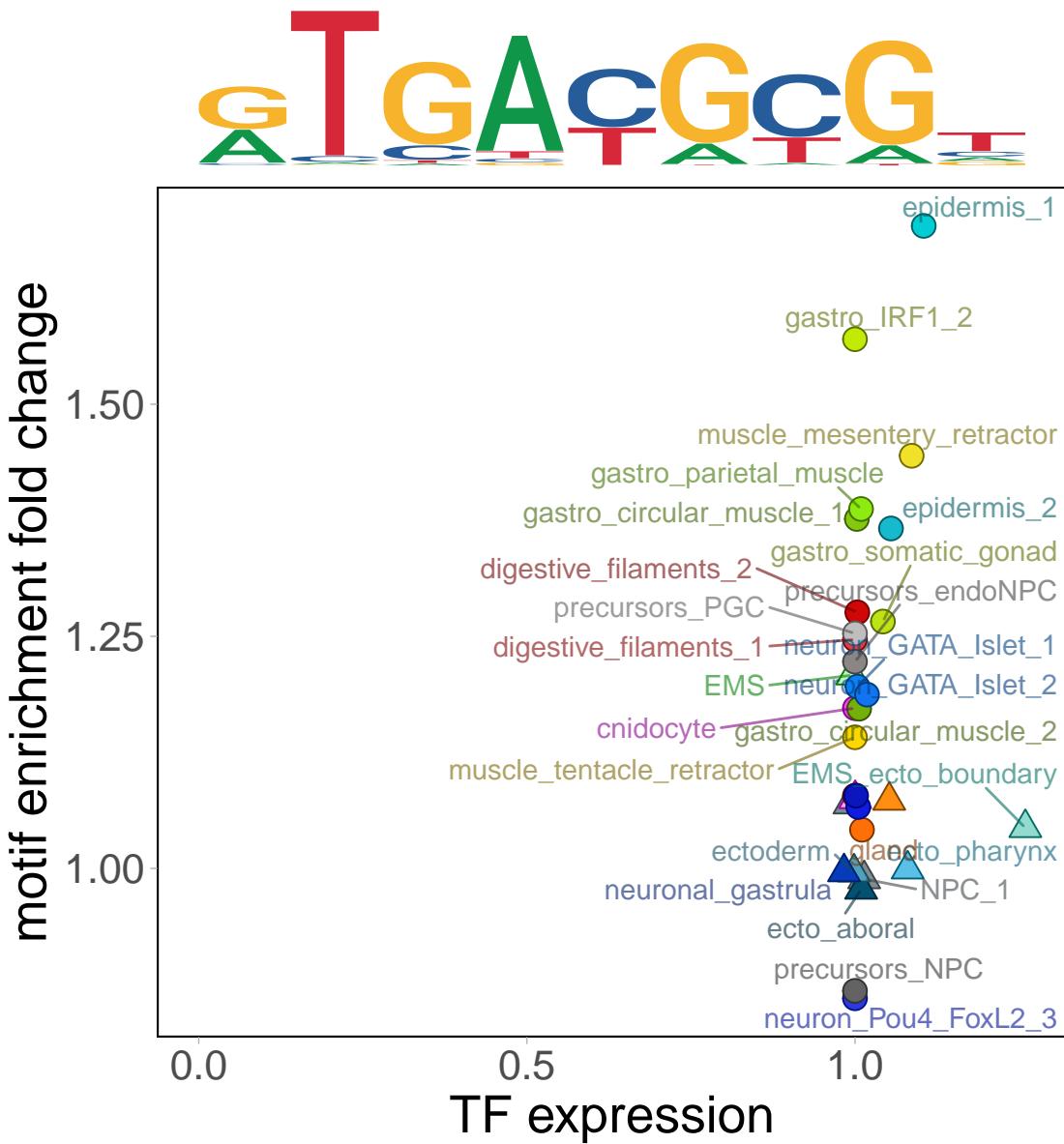
Nvec_vc1.1_XM_032370011.2
OG: Homeodomains.HG1.37:NKX6-1/N
PFAM: Homeodomain
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 57
gene expression correlation: 0.1163
gene score correlation: 0.1026



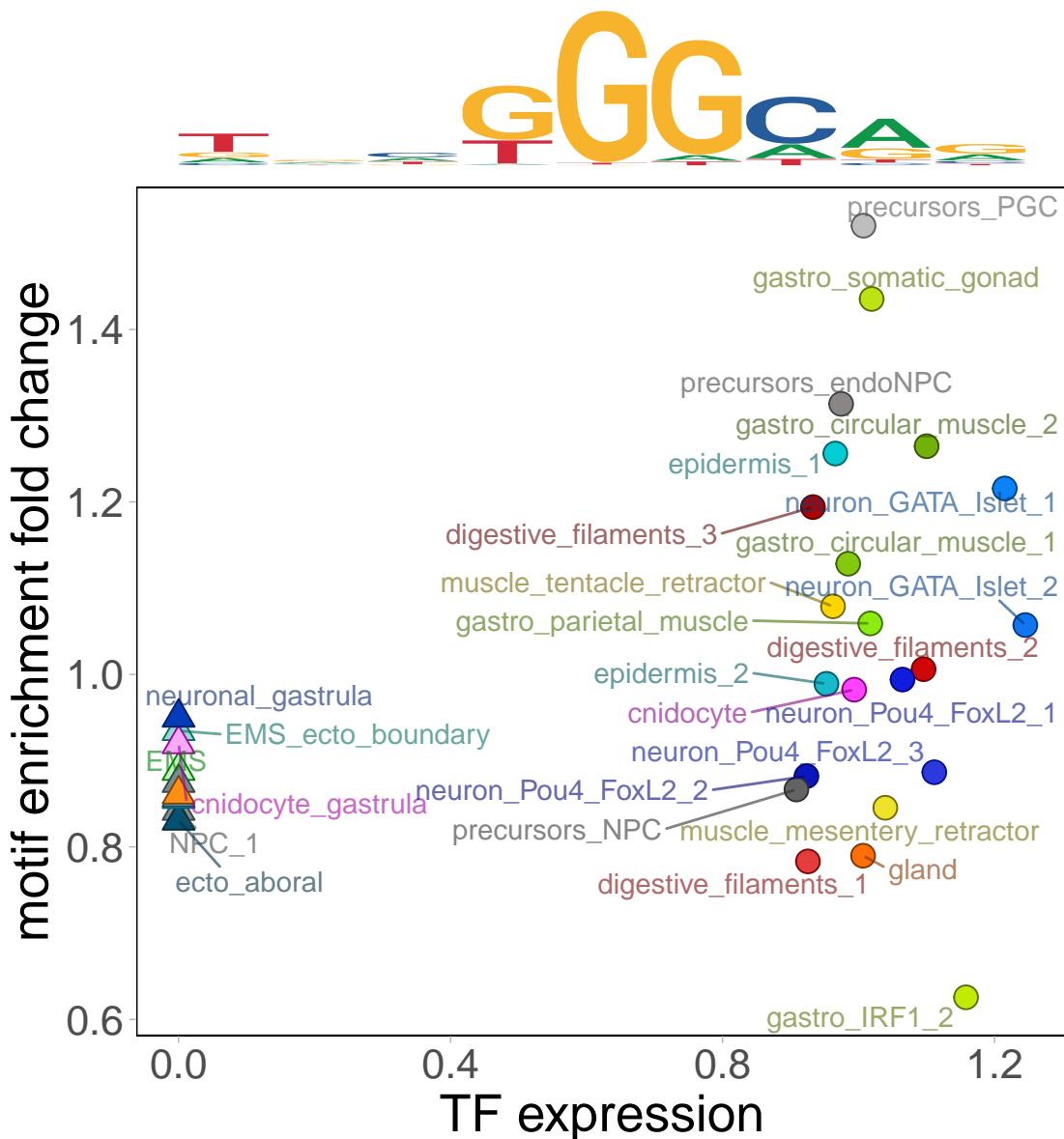
Nvec_vc1.1_XM_032370013.2
OG: Homeodomains.HG1.37:NKX6-1/N
PFAM: Homeodomain
motif: ARCH1338_Barx2/Barx1_DLx4/D.
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 120
gene expression correlation: -0.0772
gene score correlation: -0.0680



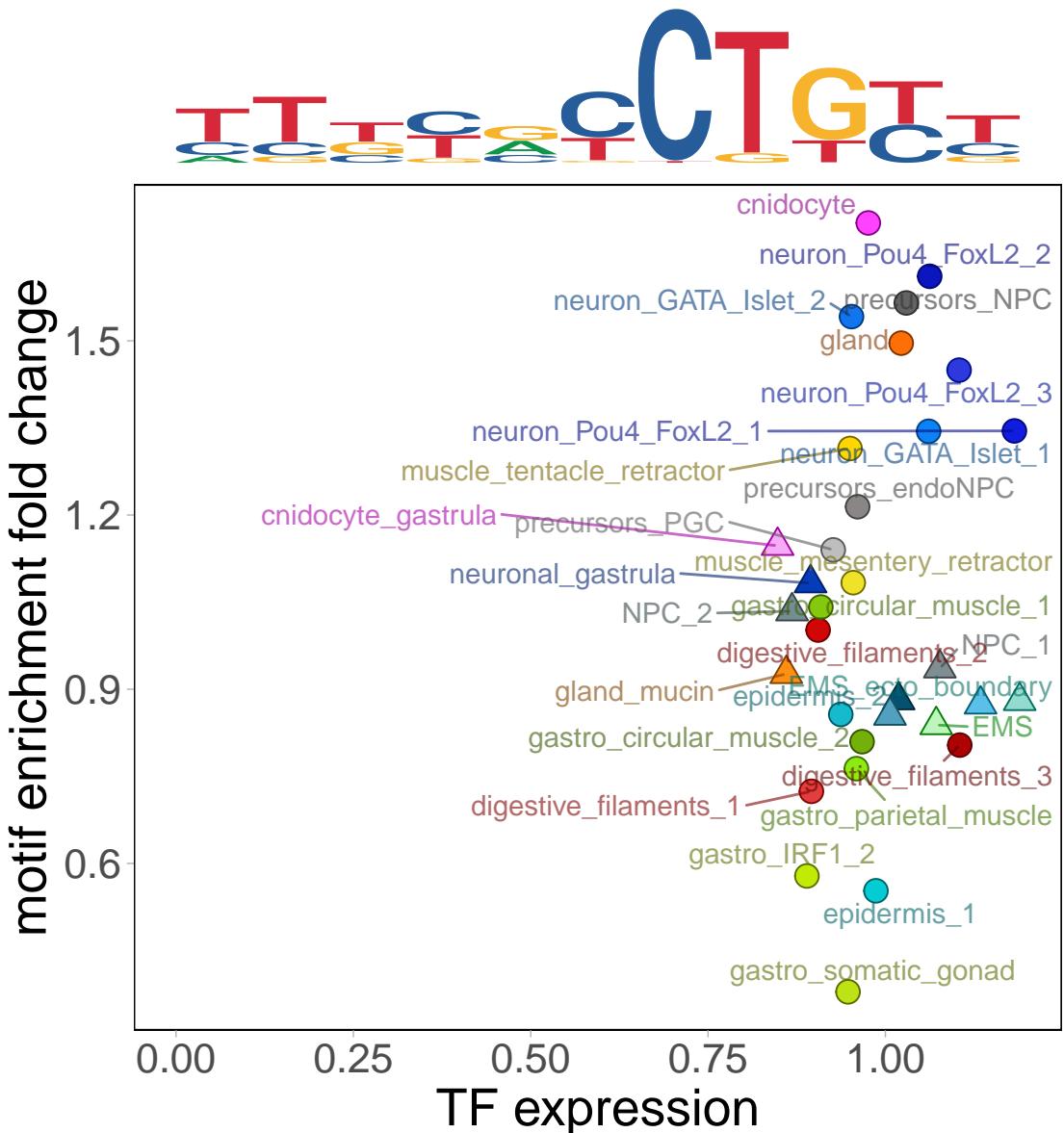
Nvec_vc1.1_XM_032370269.2
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB
PFAM: bZIP_Maf
motif: ARCH1583_Crem/Creb1/Atf1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 16
gene expression correlation: 0.1428
gene score correlation: 0.6976



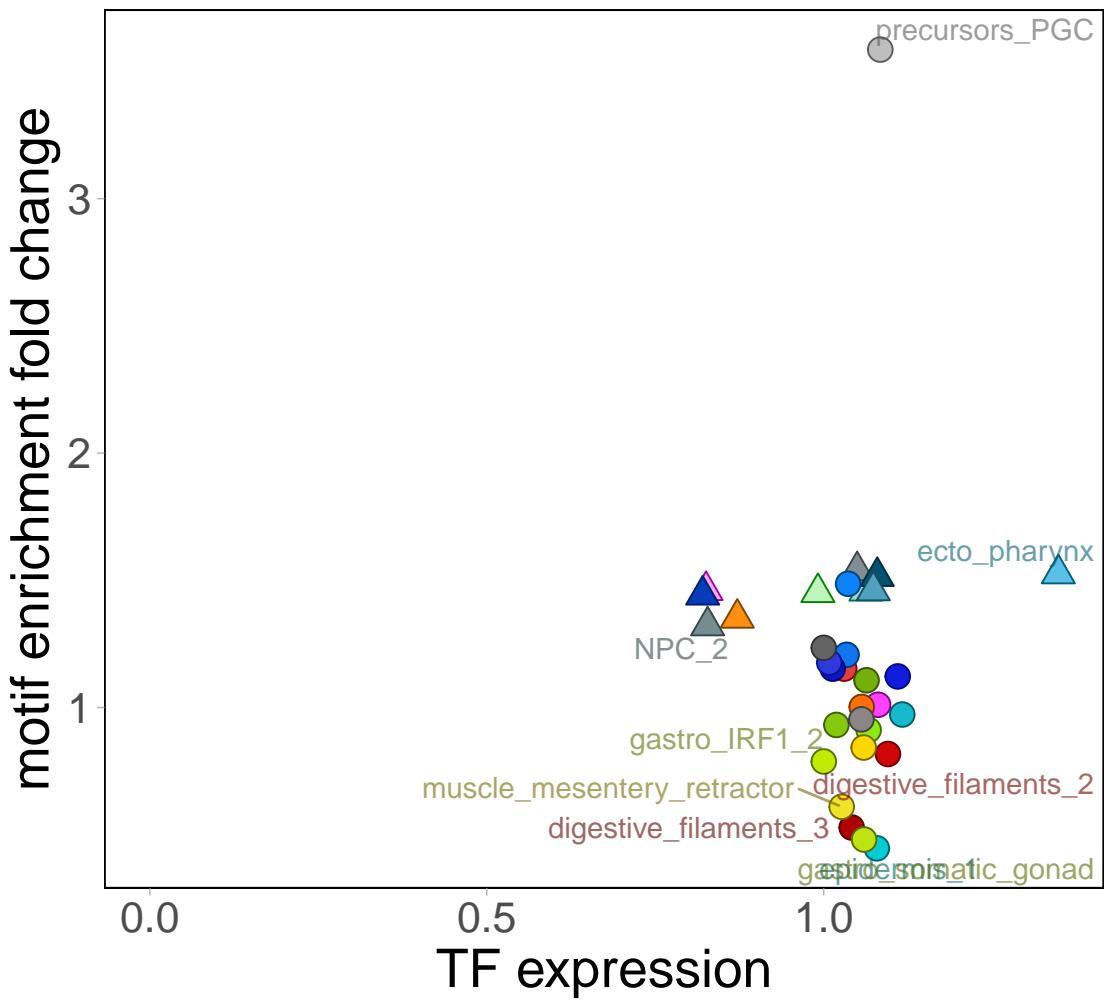
Nvec_vc1.1_XM_032370334.2
OG: THAP_finger.HG1.20:like:THAP11
PFAM: THAP
motif: ARCH525_M08176_2.00
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 351
gene expression correlation: 0.3935
gene score correlation: -0.0615



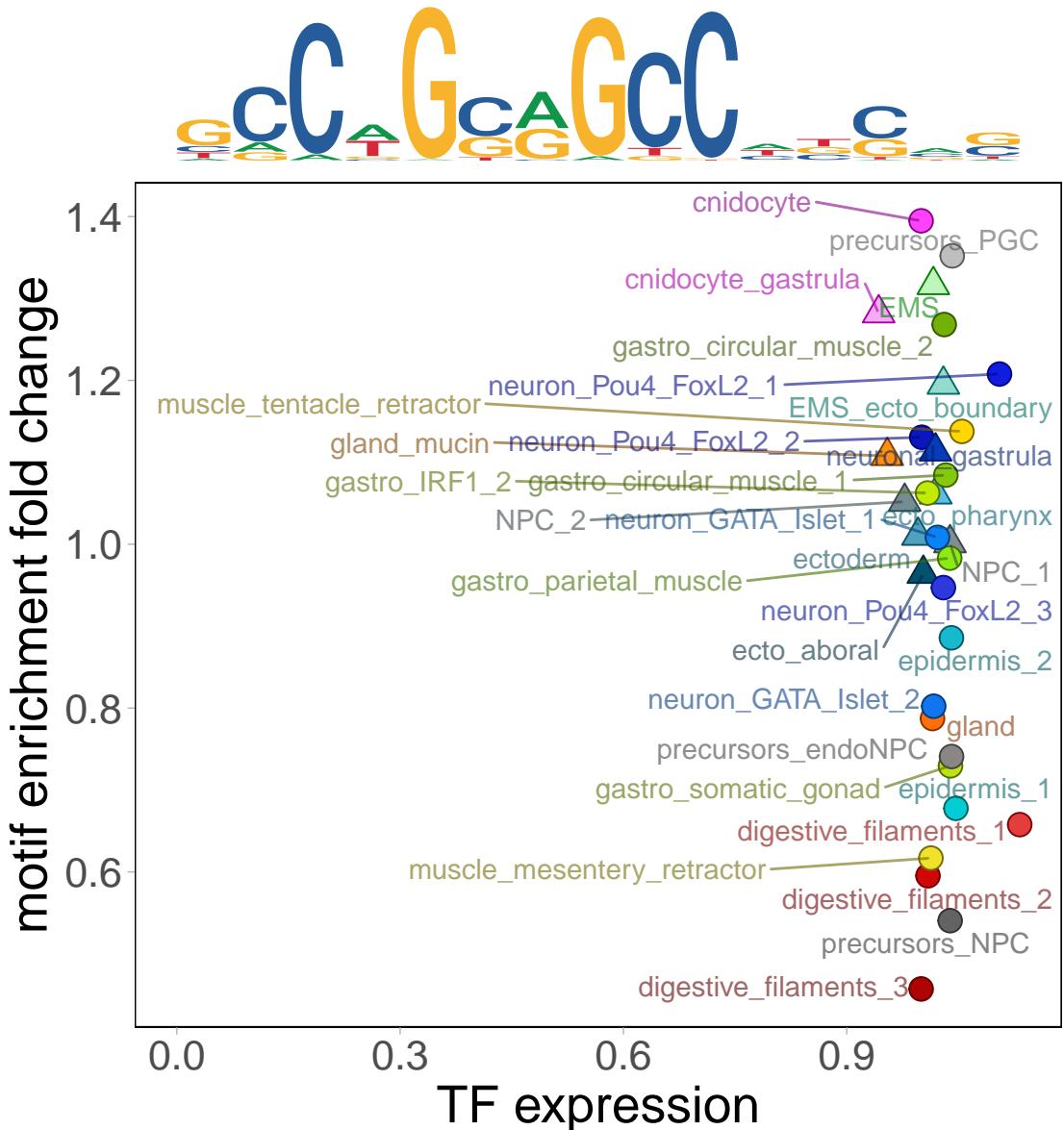
Nvec_vc1.1_XM_032370541.2
OG: SMAD_MH1.HG1.1:SMAD4
PFAM: MH1/MH2
motif: ARCH662_Smad4
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 45
gene expression correlation: 0.1757
gene score correlation: 0.5541



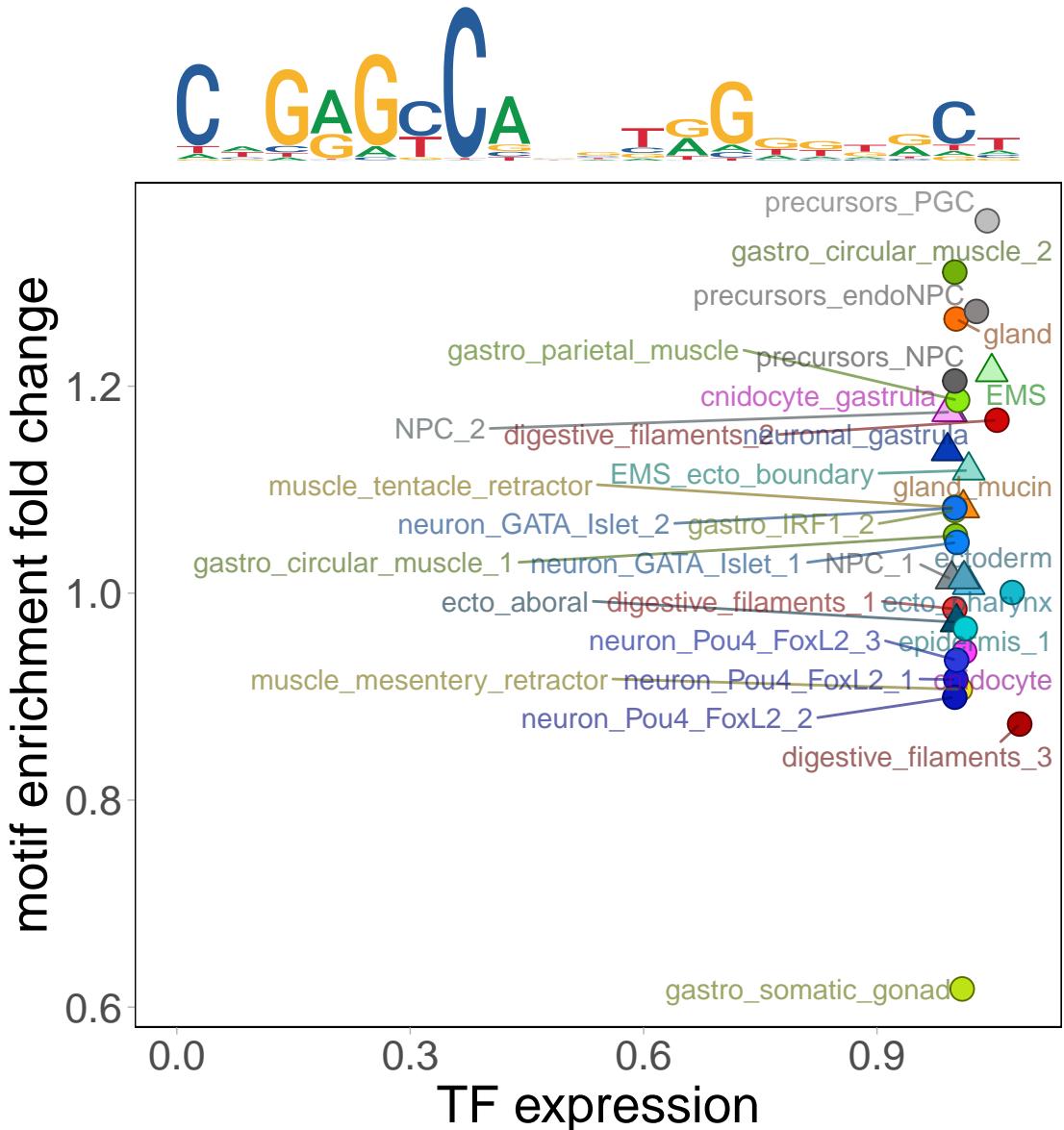
Nvec_vc1.1_XM_032370623.2
OG: E2F_TDP.HG1.0:E2F7/E2F8
PFAM: E2F_TDP/E2F_TDP
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 10
gene expression correlation: -0.0179
gene score correlation: 0.3409



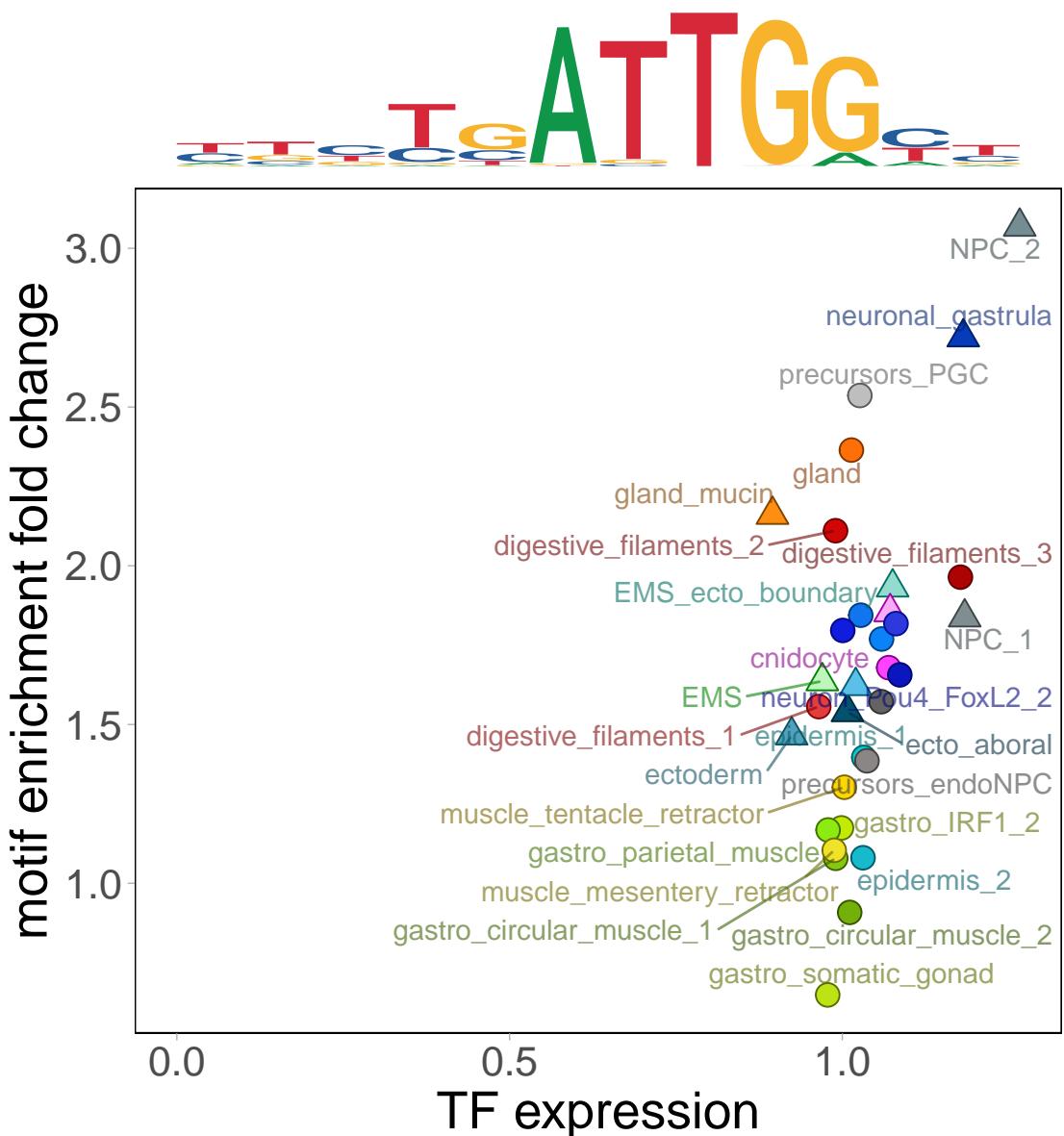
Nvec_vc1.1_XM_032371093.2
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH529_Rslcan18/Gm28557/Z
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 136
gene expression correlation: -0.1953
gene score correlation: -0.0688



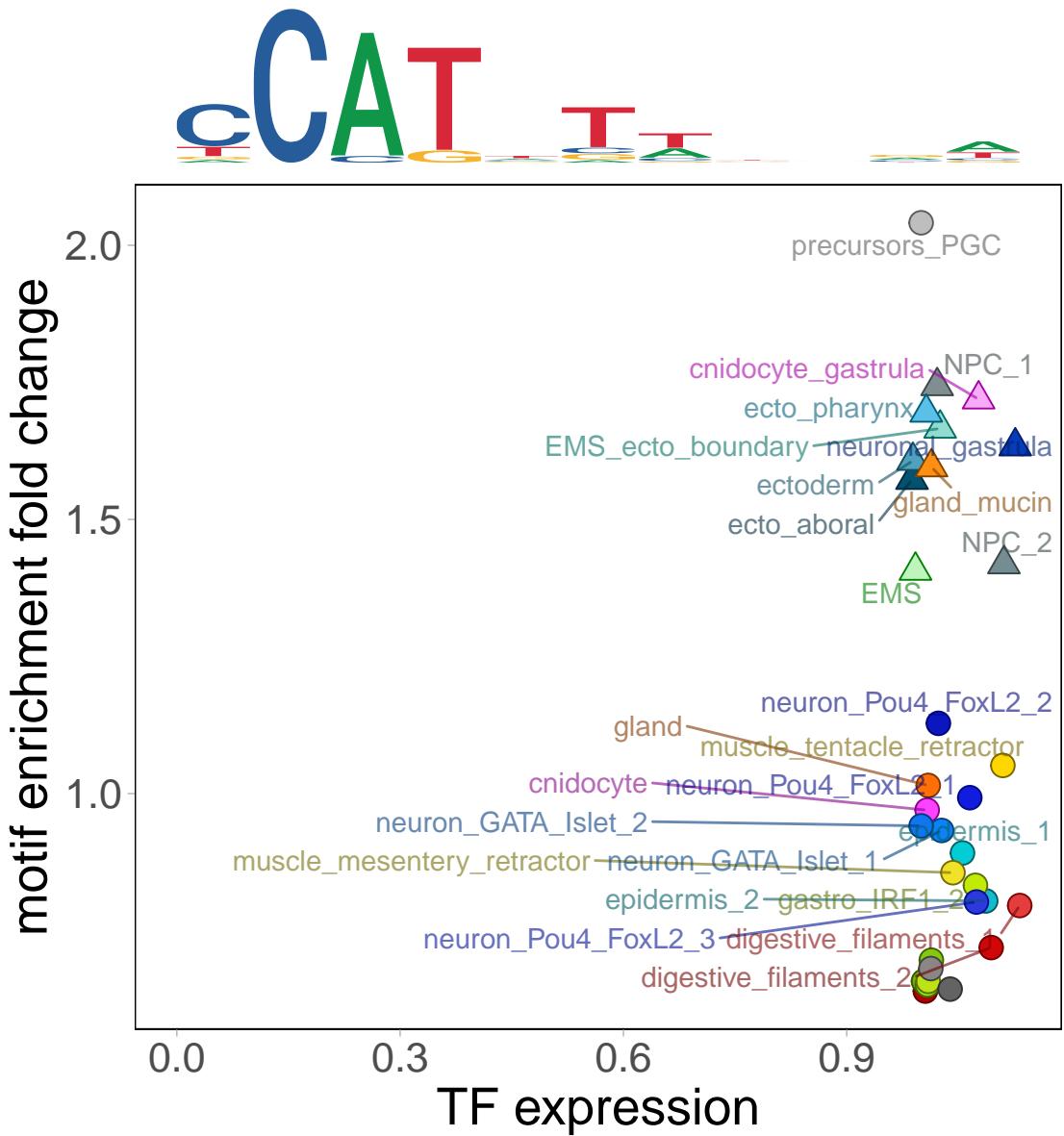
Nvec_vc1.1_XM_032371094.2
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH923_Zfp239//Zfp942/Zfp9...
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 1080
gene expression correlation: -0.0051
gene score correlation: 0.0908



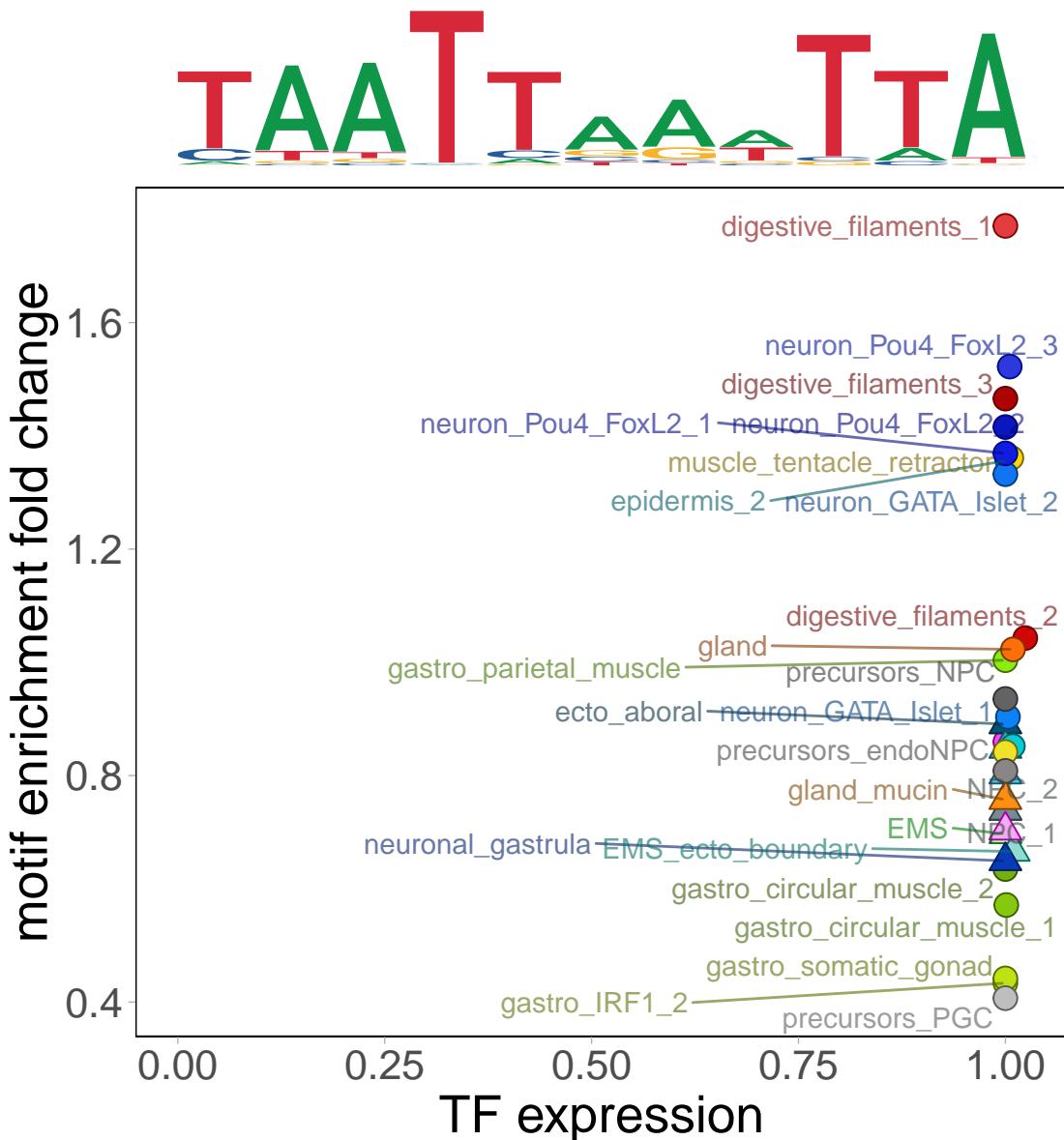
Nvec_vc1.1_XM_032371469.2
OG: Homeodomains.HG3.4:SATB1/SAT
PFAM: CSTF1_dimer/CUT
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 6
gene expression correlation: 0.5374
gene score correlation: 0.1241



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: -0.1028
gene score correlation: -0.0402

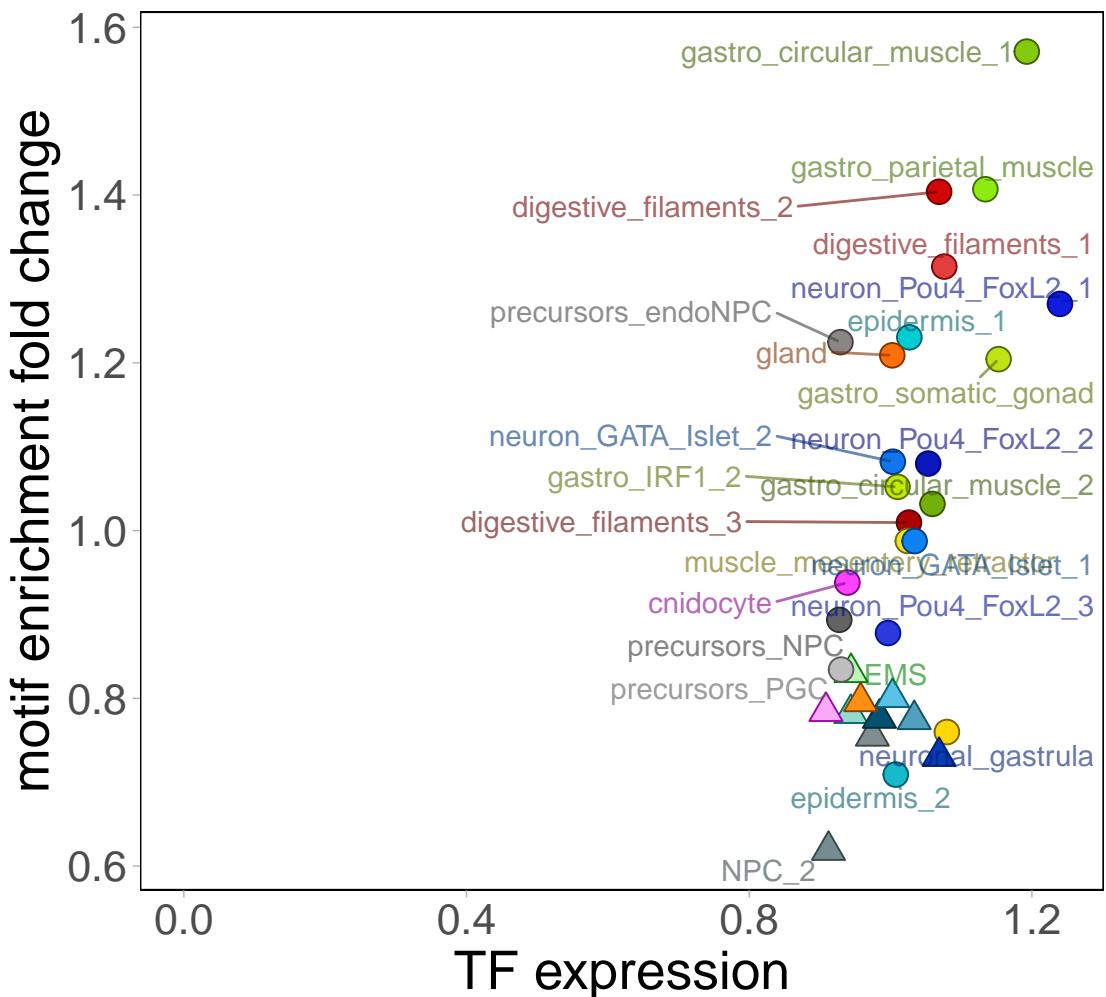


Nvec_vc1.1_XM_032371859.2
OG: Homeodomains.HG1.56:like:EN1/E
PFAM: Homeodomain
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 40
gene expression correlation: 0.1244
gene score correlation: 0.4046



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: 0.6386
gene score correlation: 0.2402

CAA_GTTG



Nvec_vc1.1_XM_032372114.2

OG: bZIP.HG1.8:ATF4/ATF5

PFAM: bZIP_1

motif: ARCH1605_Atf4/Atf5

TF family: bZIP

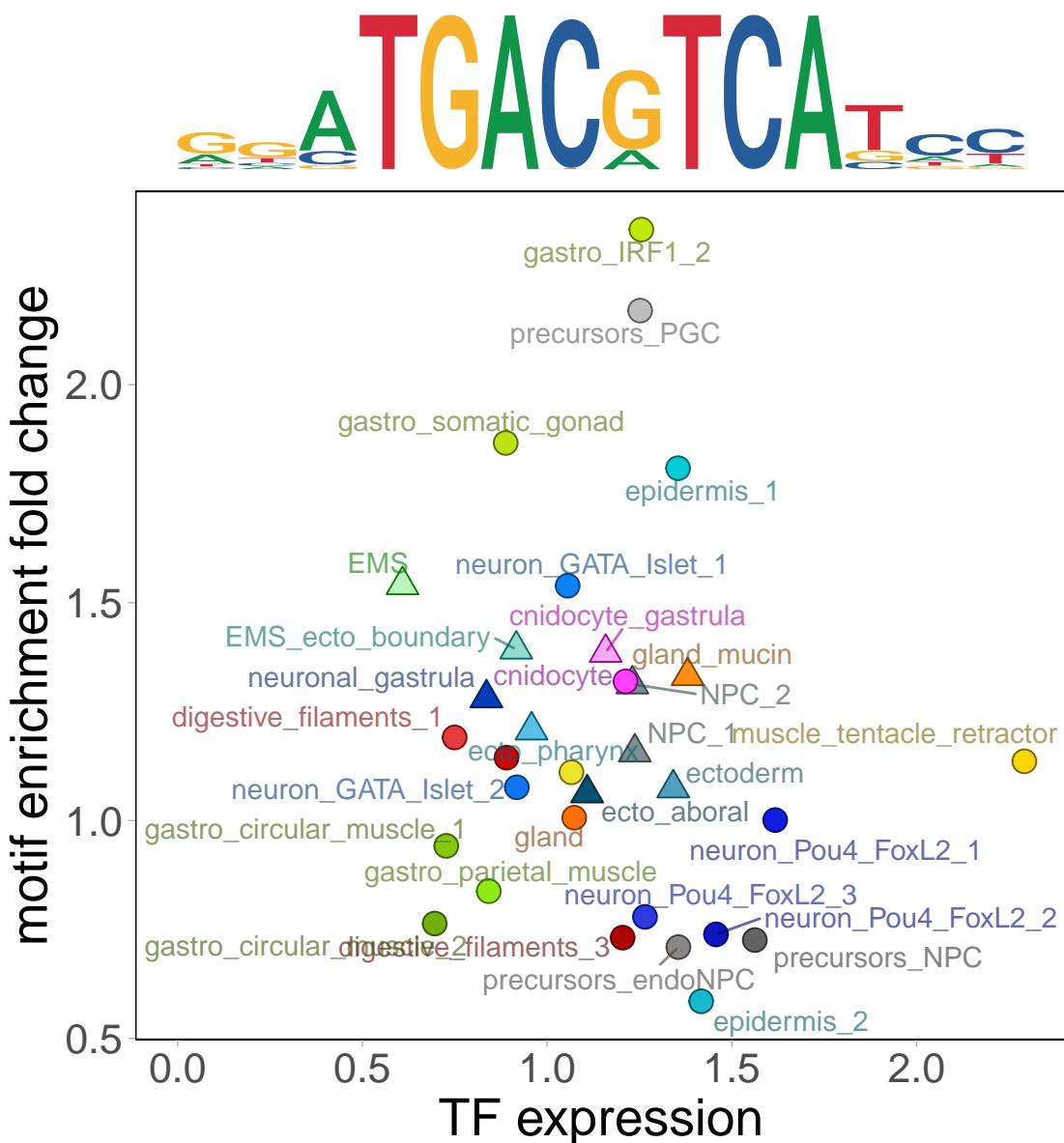
archetype family: bZIP

CisBP assigned: TRUE

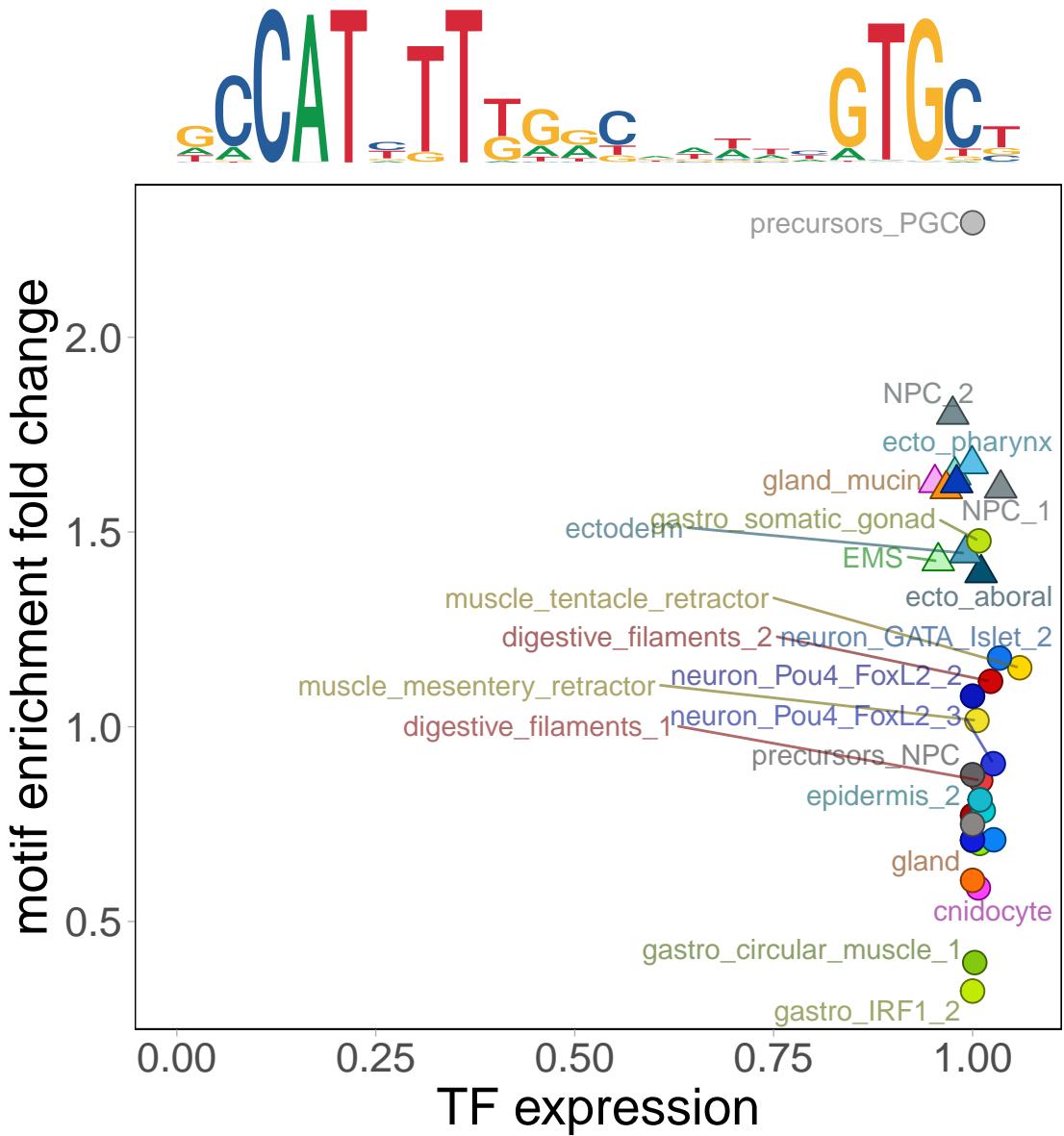
rank: 123

gene expression correlation: -0.1033

gene score correlation: -0.0302



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: -0.3246
gene score correlation: 0.2131



Nvec_vc1.1_XM_032372575.2

OG: Myb.HG2.2:NA

PFAM: MADF_DNA_bdg

motif: ARCH511_MYB88

TF family: Myb

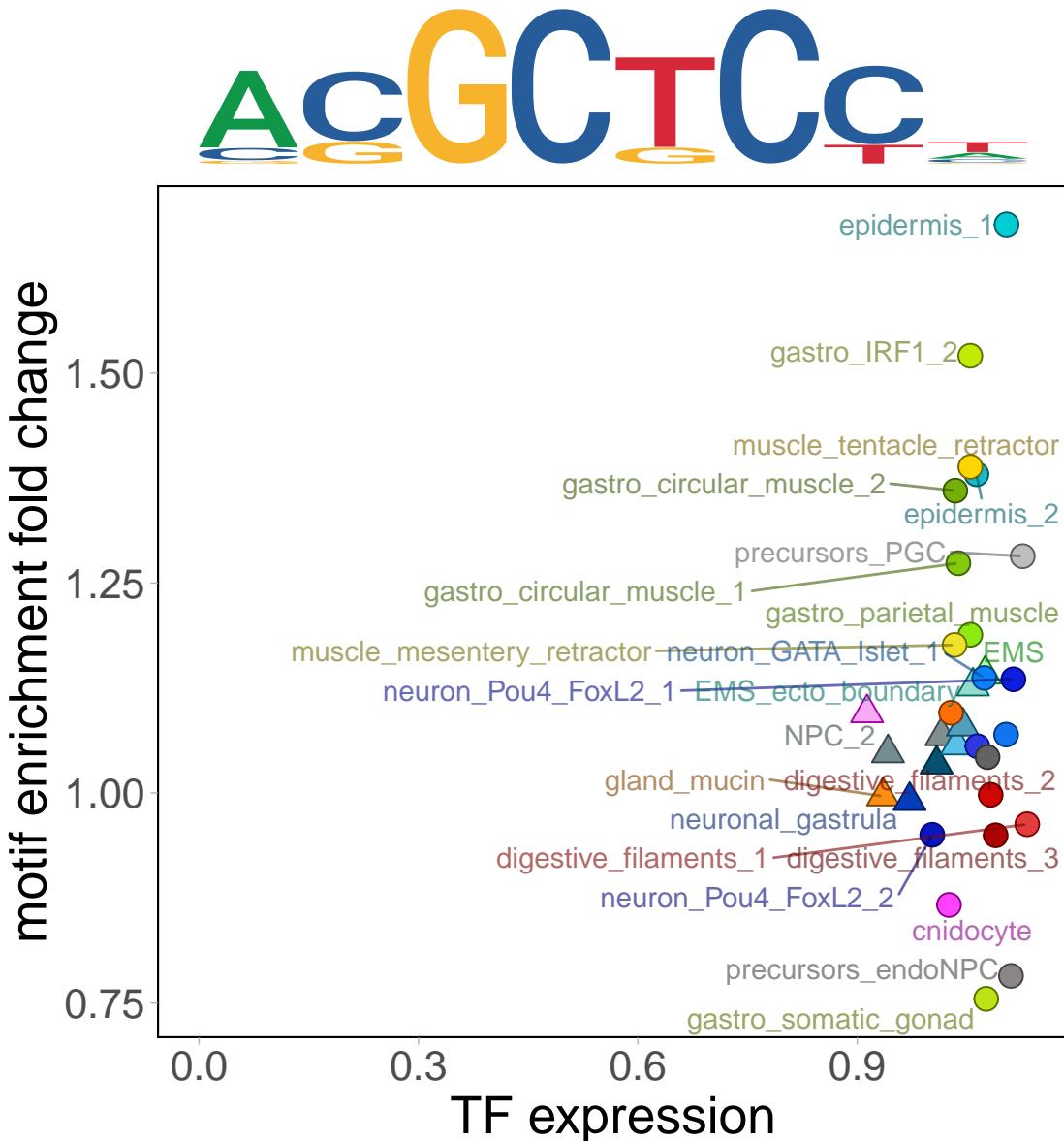
archetype family: Myb

CisBP assigned: FALSE

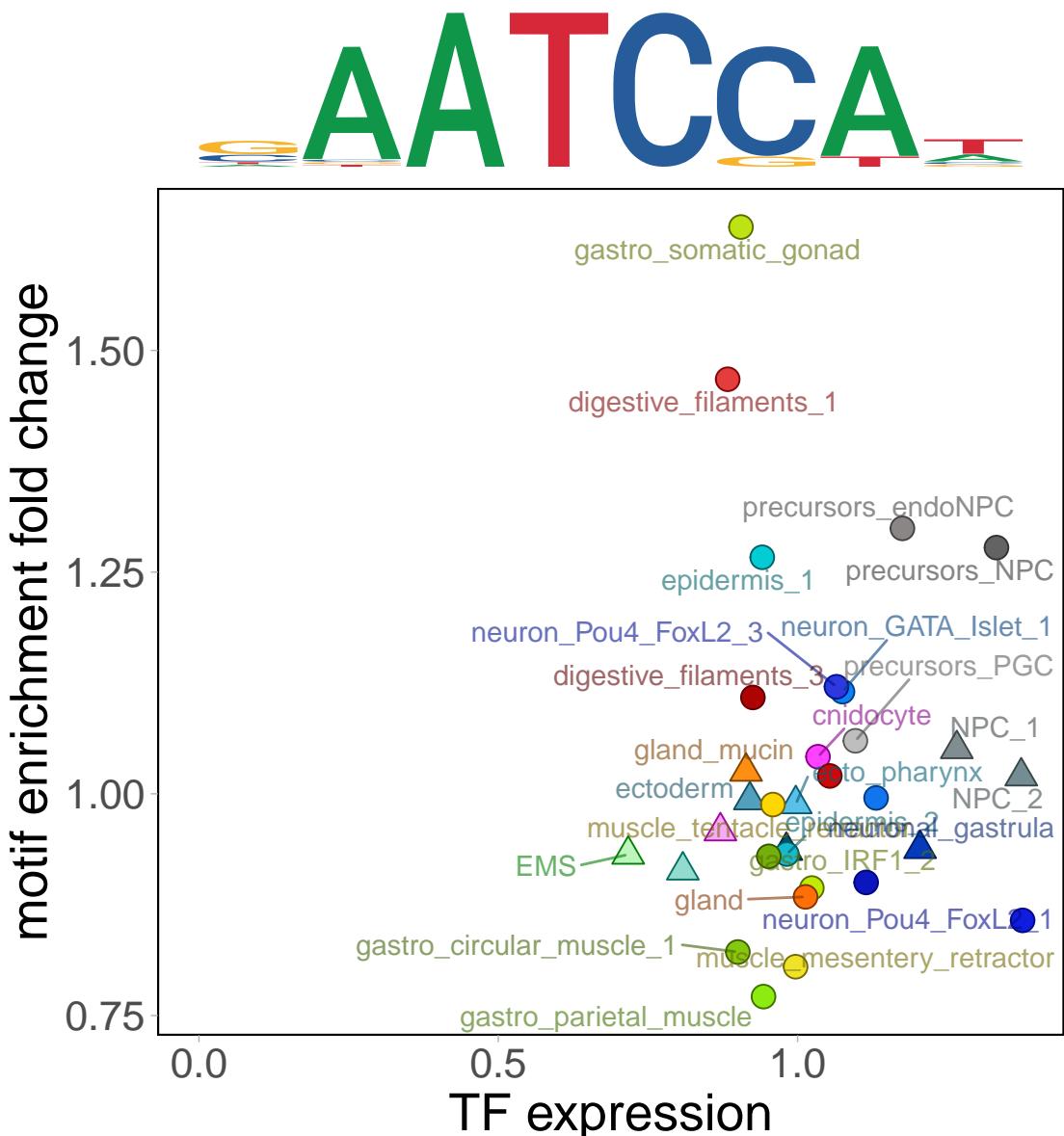
rank: 21

gene expression correlation: 0.1283

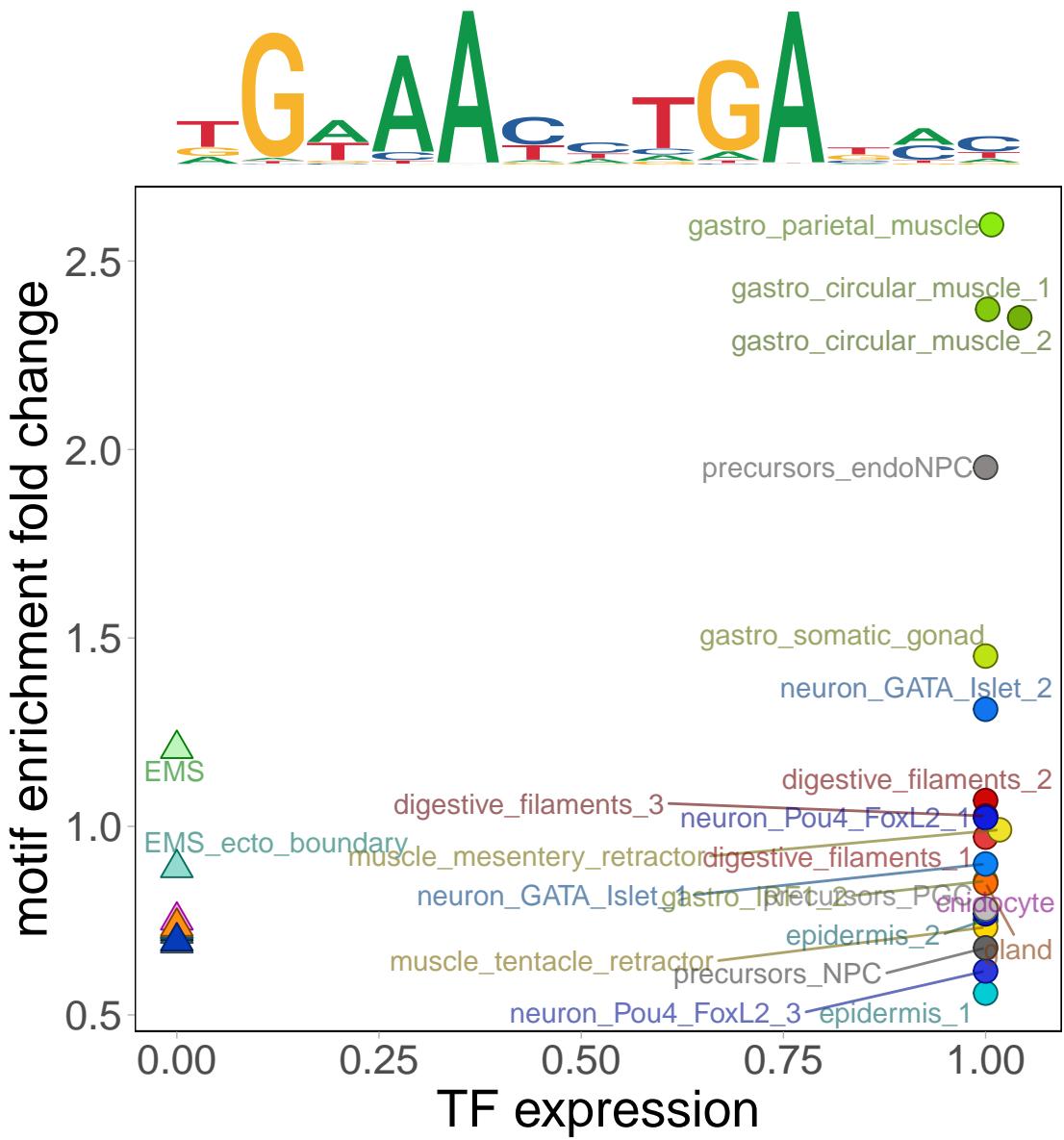
gene score correlation: 0.3736



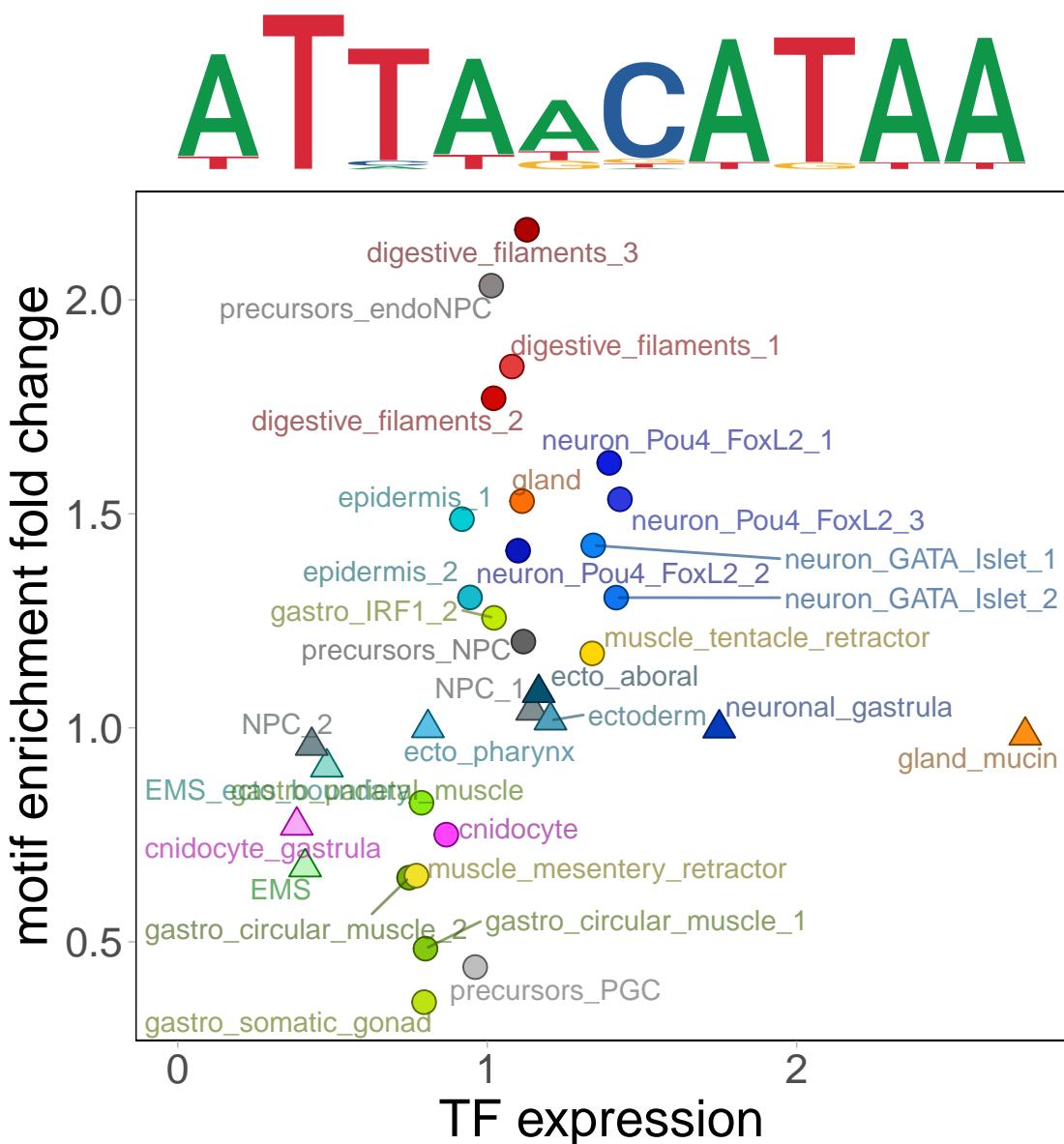
Nvec_vc1.1_XM_032372883.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCC
PFAM: ELM2/Myb_DNA-binding
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 791
gene expression correlation: 0.0207
gene score correlation: -0.0235



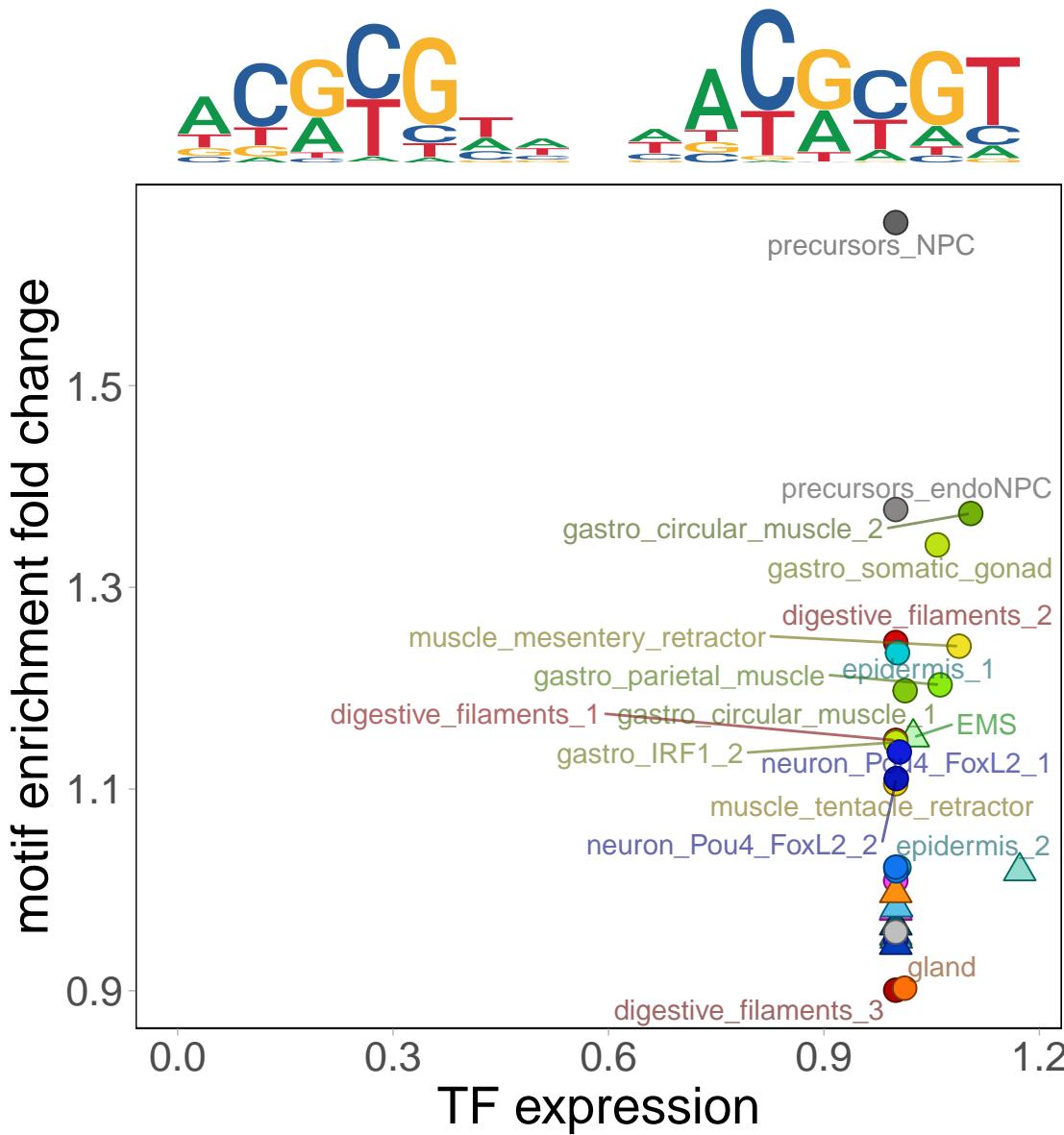
Nvec_vc1.1_XM_032372904.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.3348
gene score correlation: 0.7422



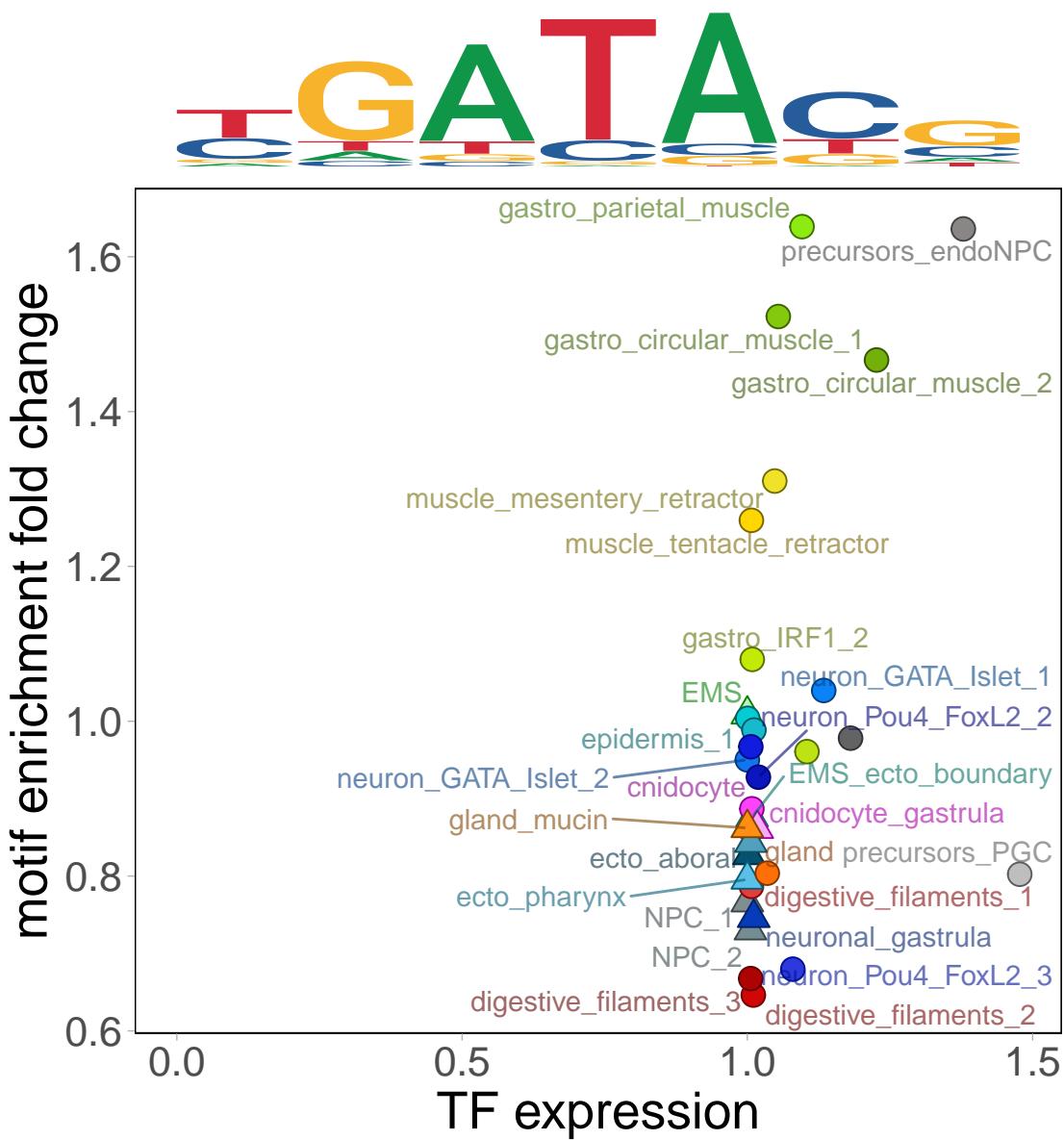
Nvec_vc1.1_XM_032373099.2
OG: Homeodomains.HG4.10:POU3F1/R
PFAM: Pou/Homeodomain
motif: ARCH1054_POU3F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.2856
gene score correlation: 0.6695



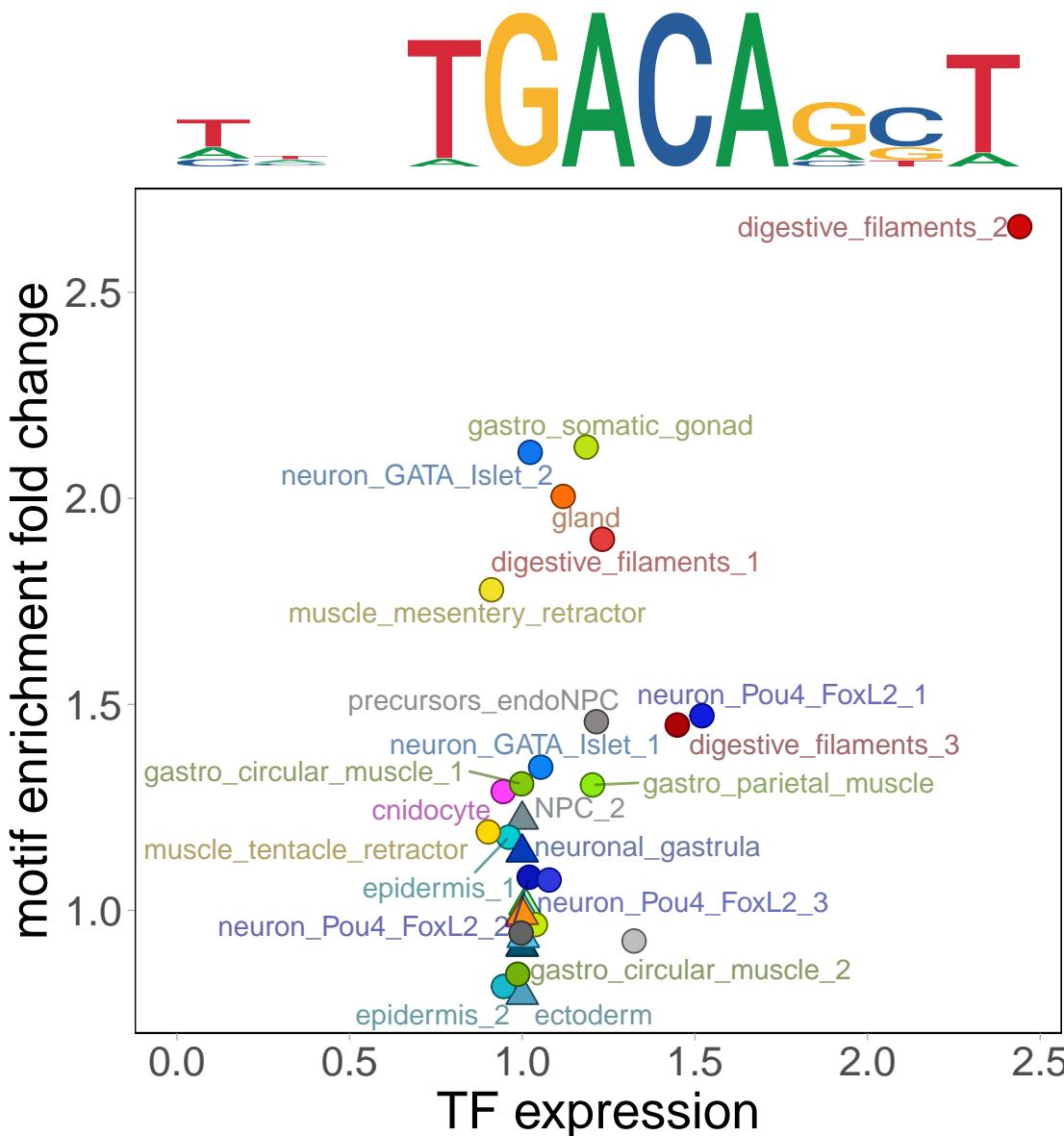
Nvec_vc1.1_XM_032373496.2
OG: Homeodomains.HG1.64:MEOX1/M
PFAM: Homeodomain
motif: ARCH782_Irx6
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.2258
gene score correlation: 0.4166



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: 0.3674
gene score correlation: 0.5992

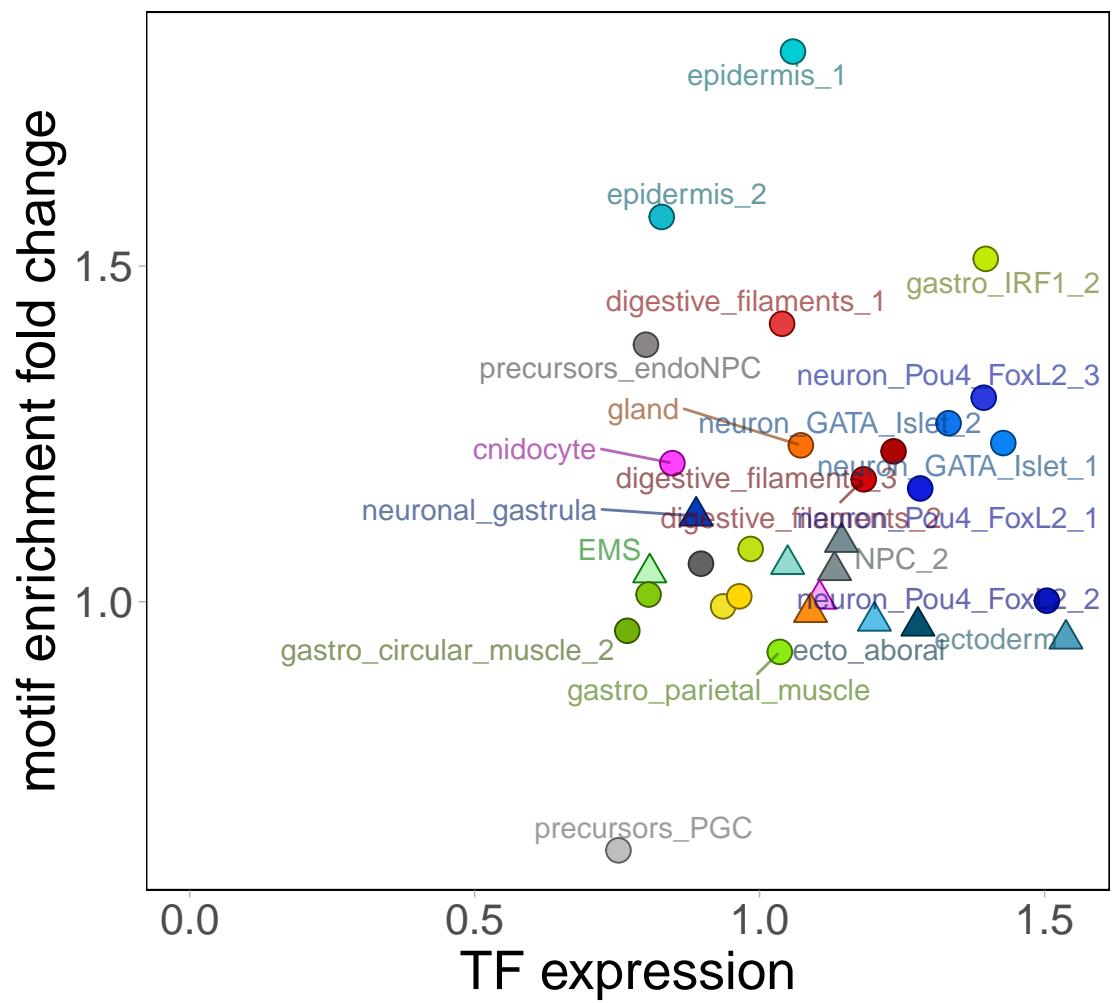


Nvec_vc1.1_XM_032373617.2
OG: Homeodomains.HG1.19:NKX2-1/N
PFAM: Homeodomain
motif: ARCH1504_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.6147
gene score correlation: 0.6706

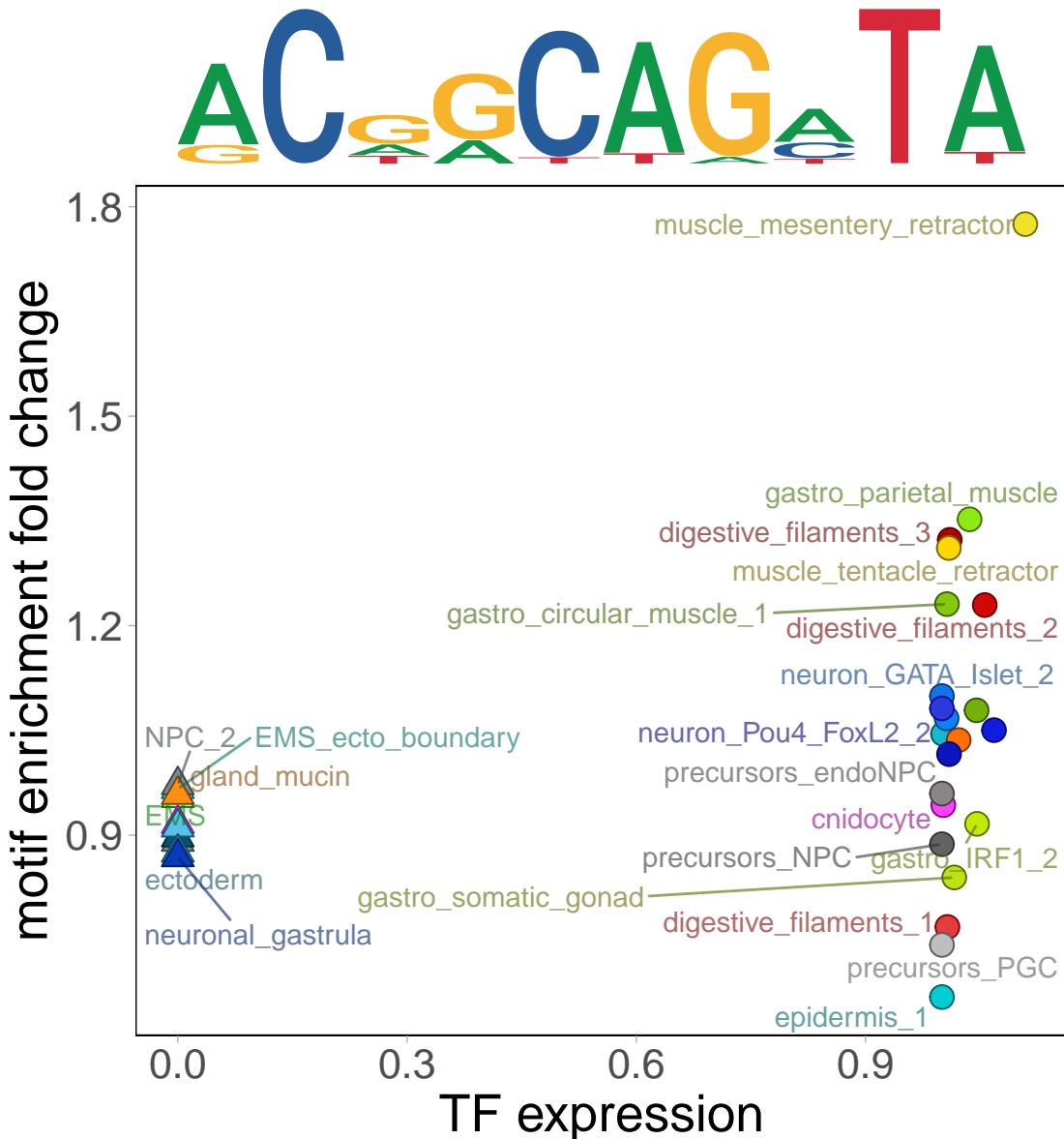


Nvec_vc1.1_XM_032373624.2
OG: bZIP.HG1.2:BACH1/BACH2/NFE2/
PFAM: bZIP_Maf
motif: ARCH1485_Atf3/Jdp2_Fos/Fosb.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.1142
gene score correlation: 0.1008

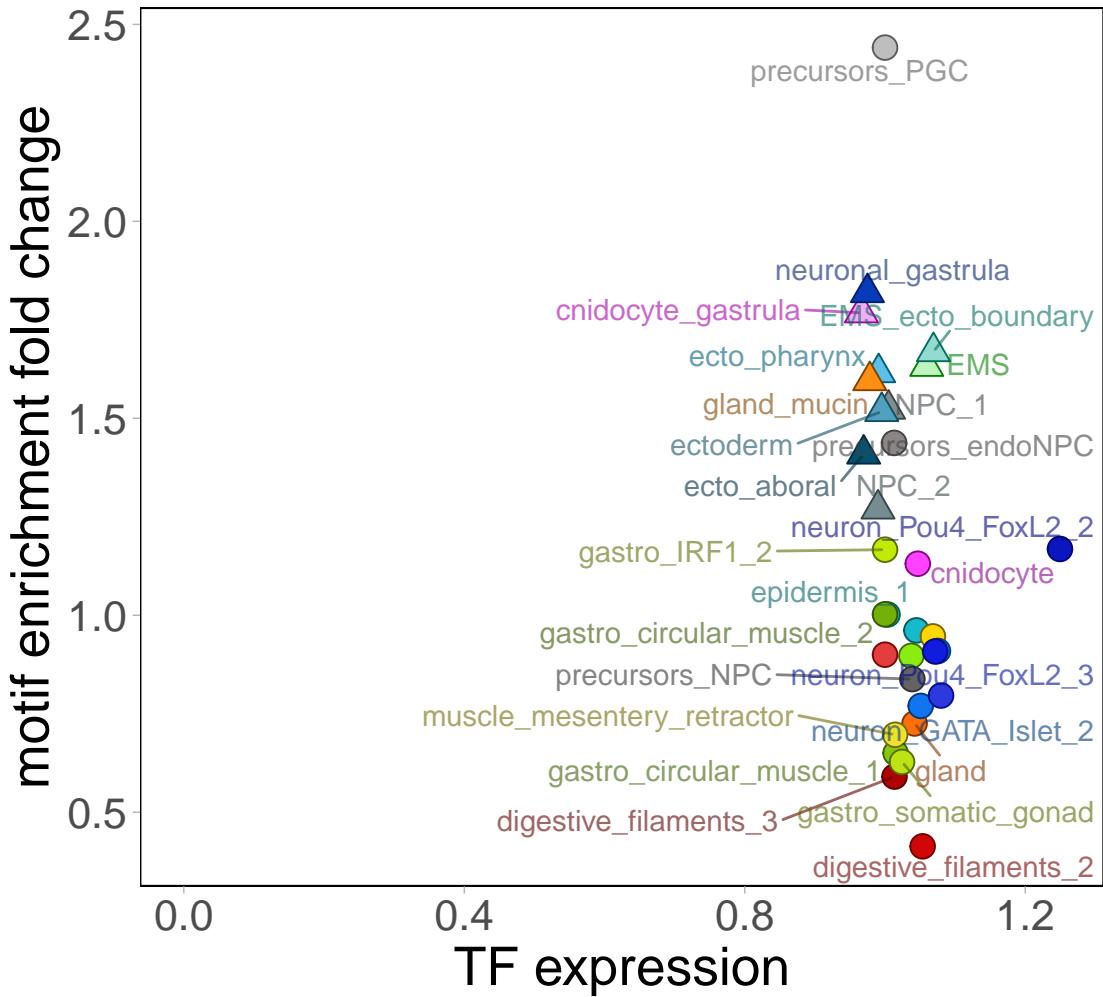
TGA  TCA 



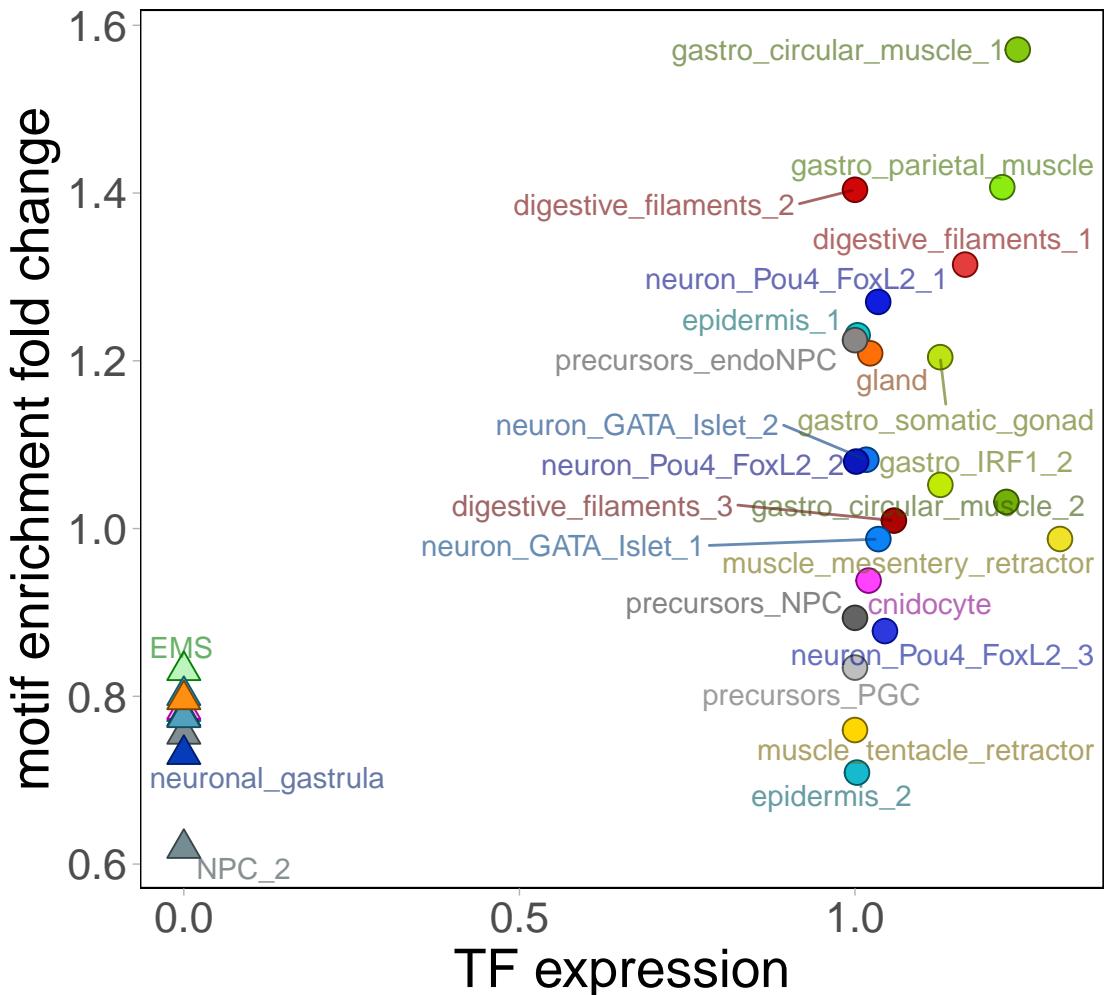
Nvec_vc1.1_XM_032373800.2
OG: zf-C2H2.HG1.38:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH866_ZNF317
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 198
gene expression correlation: 0.3450
gene score correlation: 0.2922



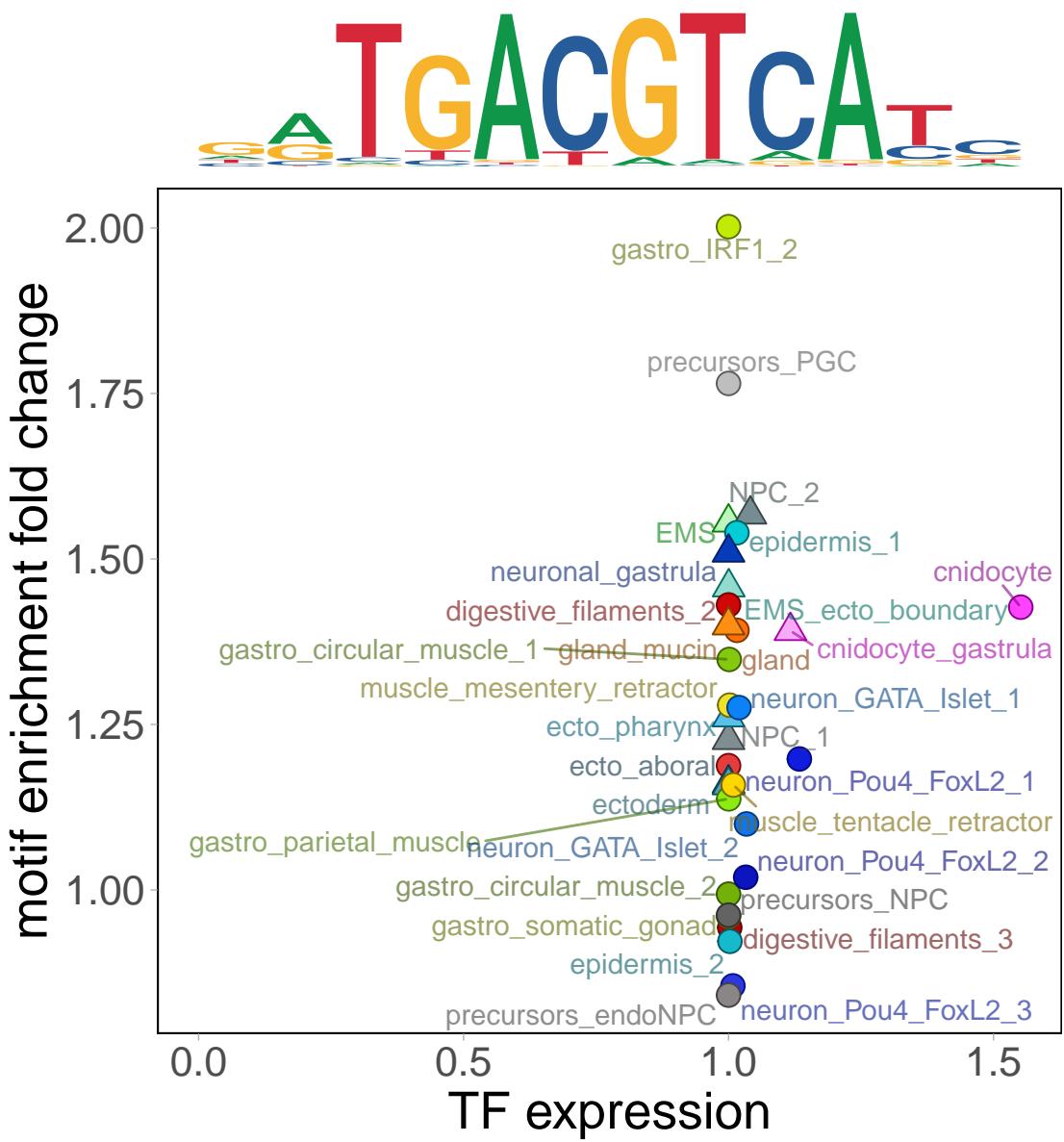
Nvec_vc1.1_XM_032373943.2
OG: zf-C2H2.HG130.1:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1400_ZNF143
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 8
gene expression correlation: -0.2850
gene score correlation: 0.5386



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: 0.6777
gene score correlation: 0.5015



Nvec_vc1.1_XM_032374029.2
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
motif: ARCH1610_Atf3/Jdp2_Atf7/Gm2.
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 117
gene expression correlation: 0.1162
gene score correlation: 0.1027



Nvec_vc1.1_XM_032374041.2

OG: Homeodomains.HG2.9:LHX6/LHX8

PFAM: LIM/LIM/Homeodomain

motif: ARCH86_Alx3/Alx4/Alx1_Barx2...

TF family: Homeodomains

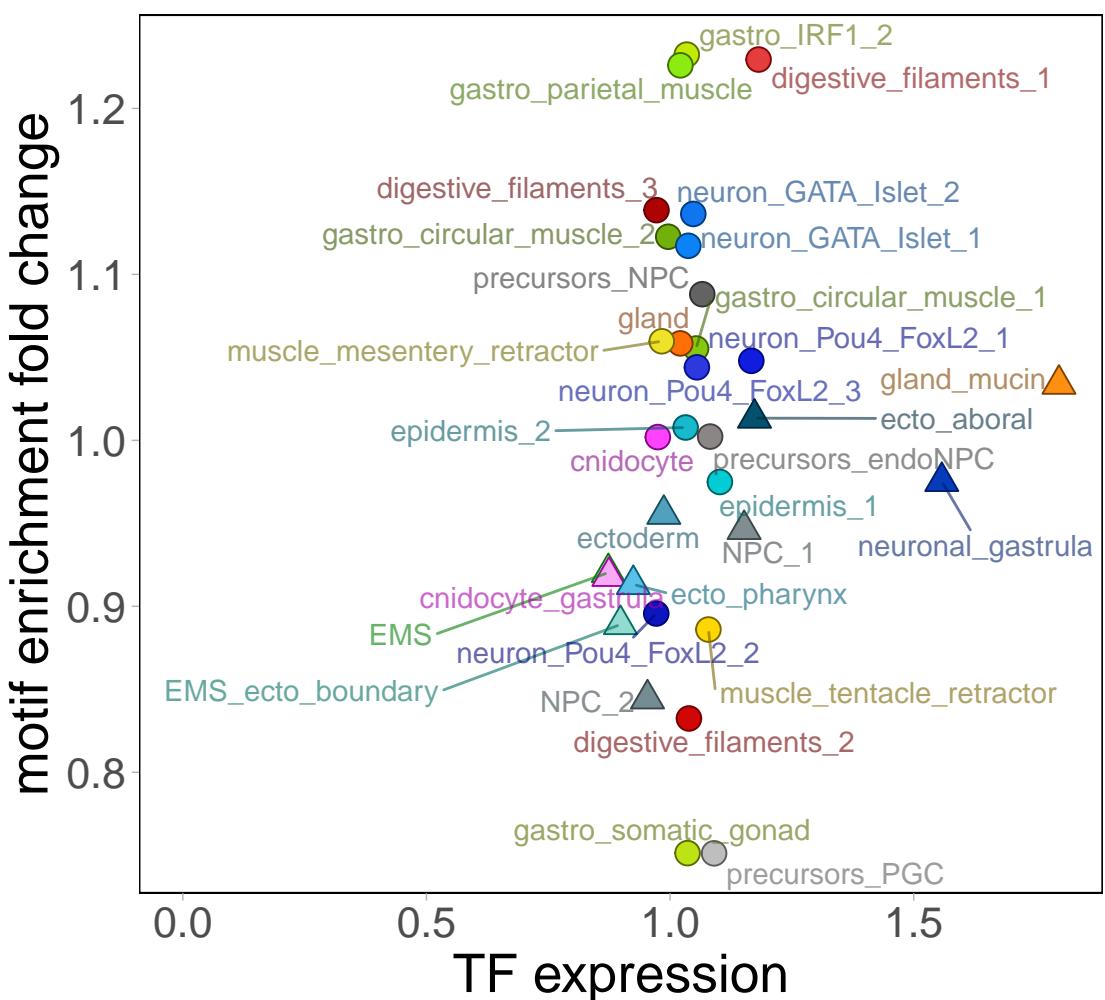
archetype family: Homeodomains

CisBP assigned: TRUE

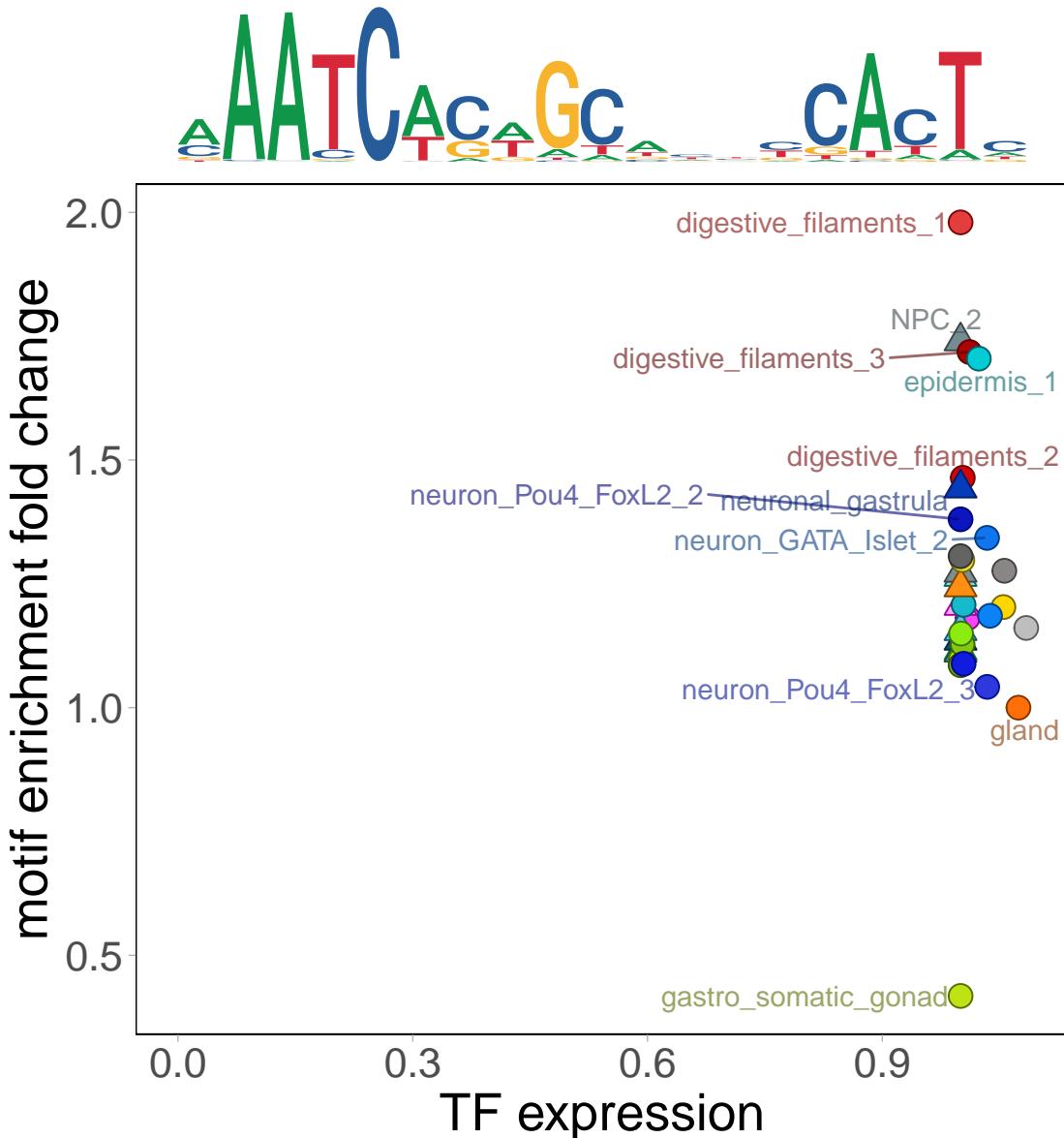
rank: 35

gene expression correlation: 0.1182

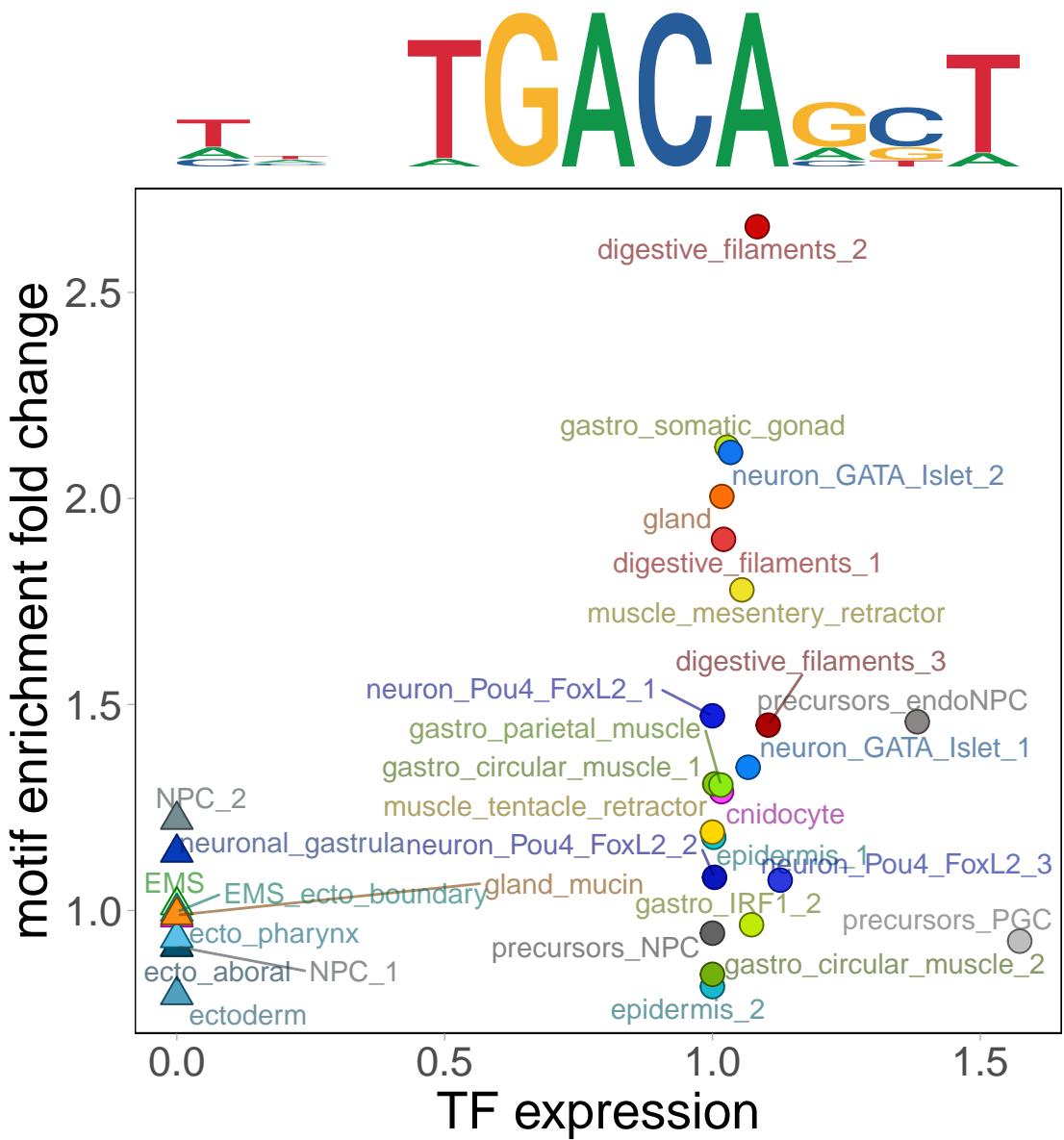
gene score correlation: 0.2462



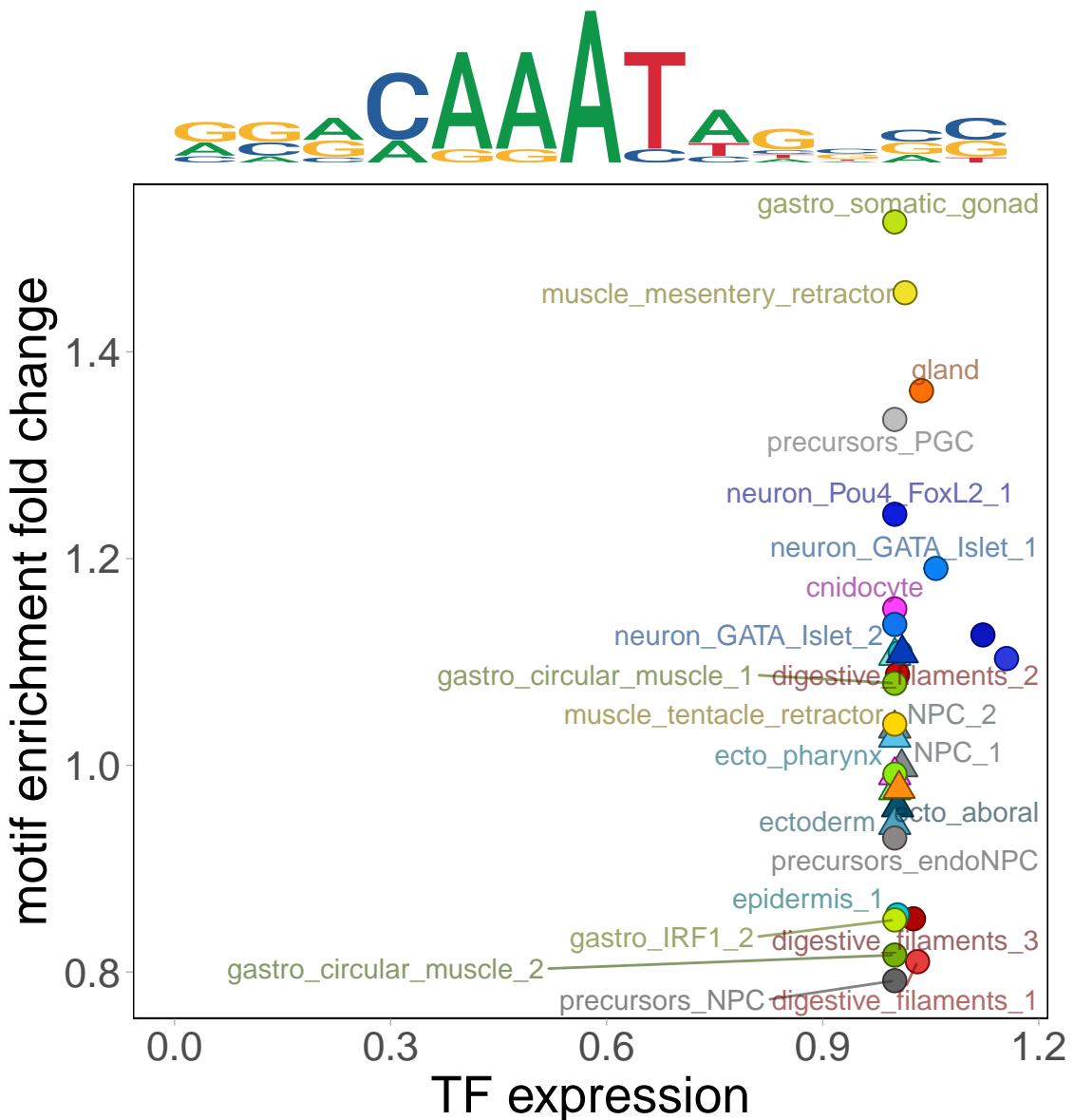
Nvec_vc1.1_XM_032374382.2
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/G
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 132
gene expression correlation: -0.1001
gene score correlation: 0.4024



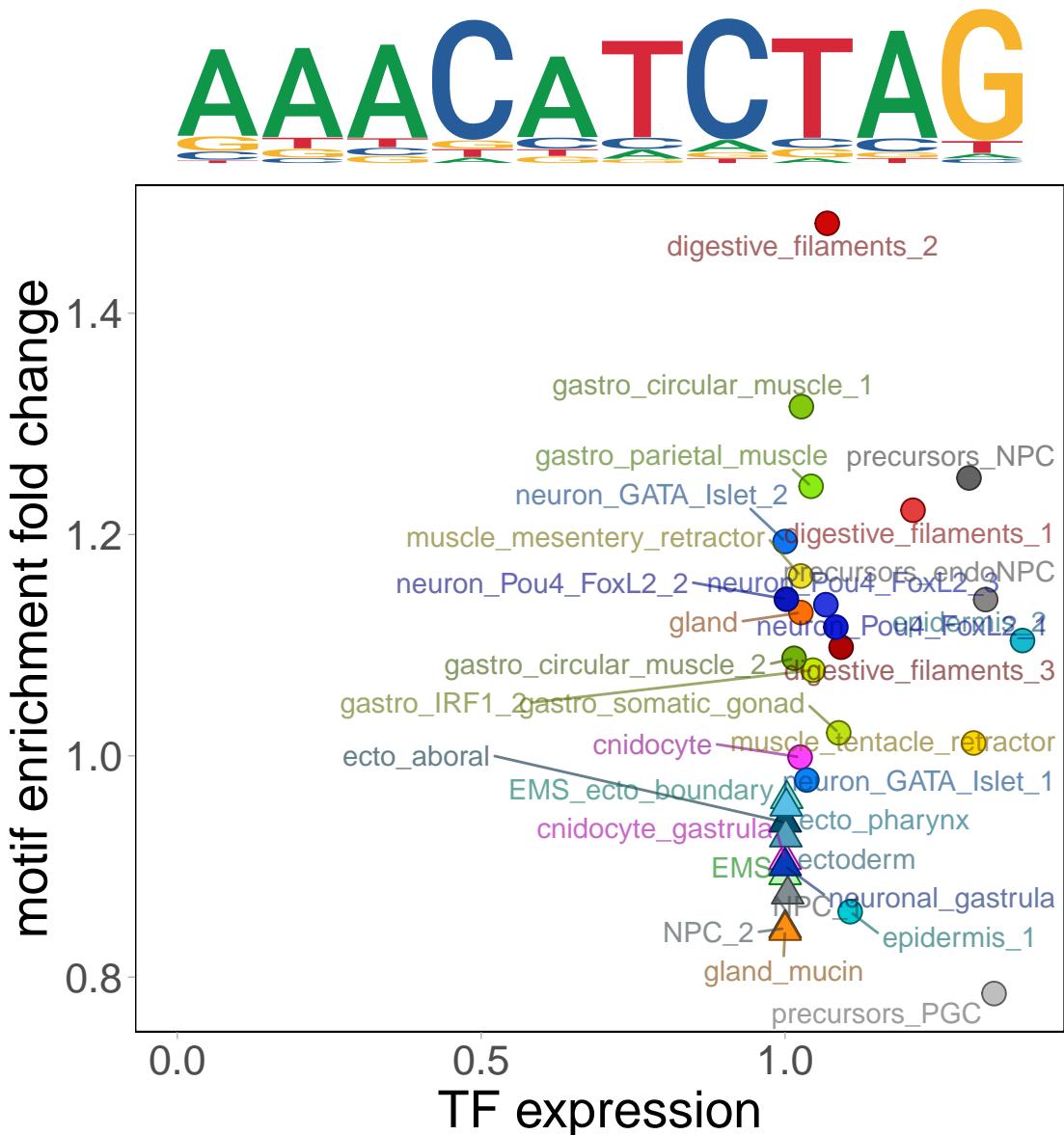
Nvec_vc1.1_XM_032374853.2
OG: Homeodomains.HG1.21:BARX1/B
PFAM: Homeodomain
motif: ARCH1504_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.4121
gene score correlation: 0.5697



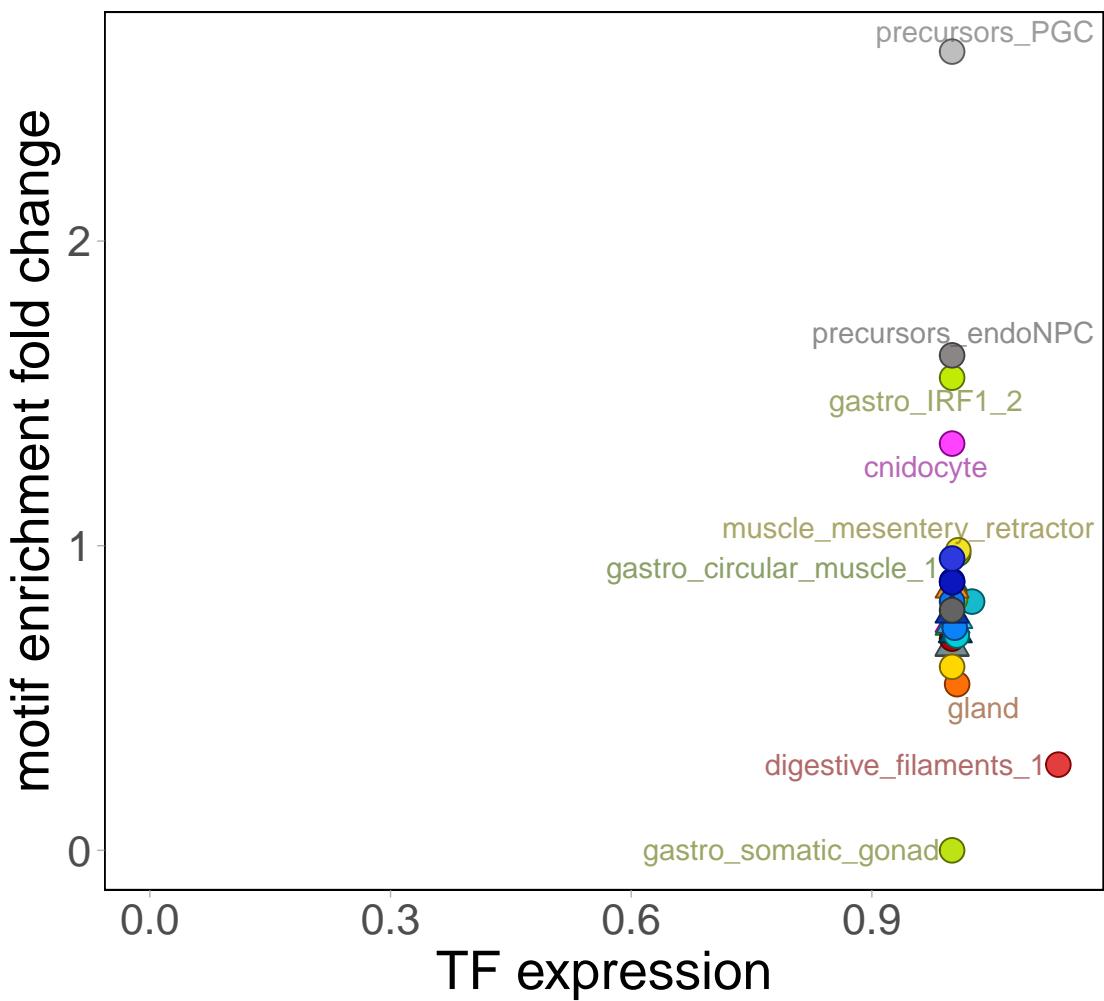
Nvec_vc1.1_XM_032374864.2
OG: Homeodomains.HG1.21:BARX1/B
PFAM: Homeodomain
motif: ARCH159_Barx2/Barx1_Emx1/E
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 12
gene expression correlation: 0.1212
gene score correlation: 0.2719



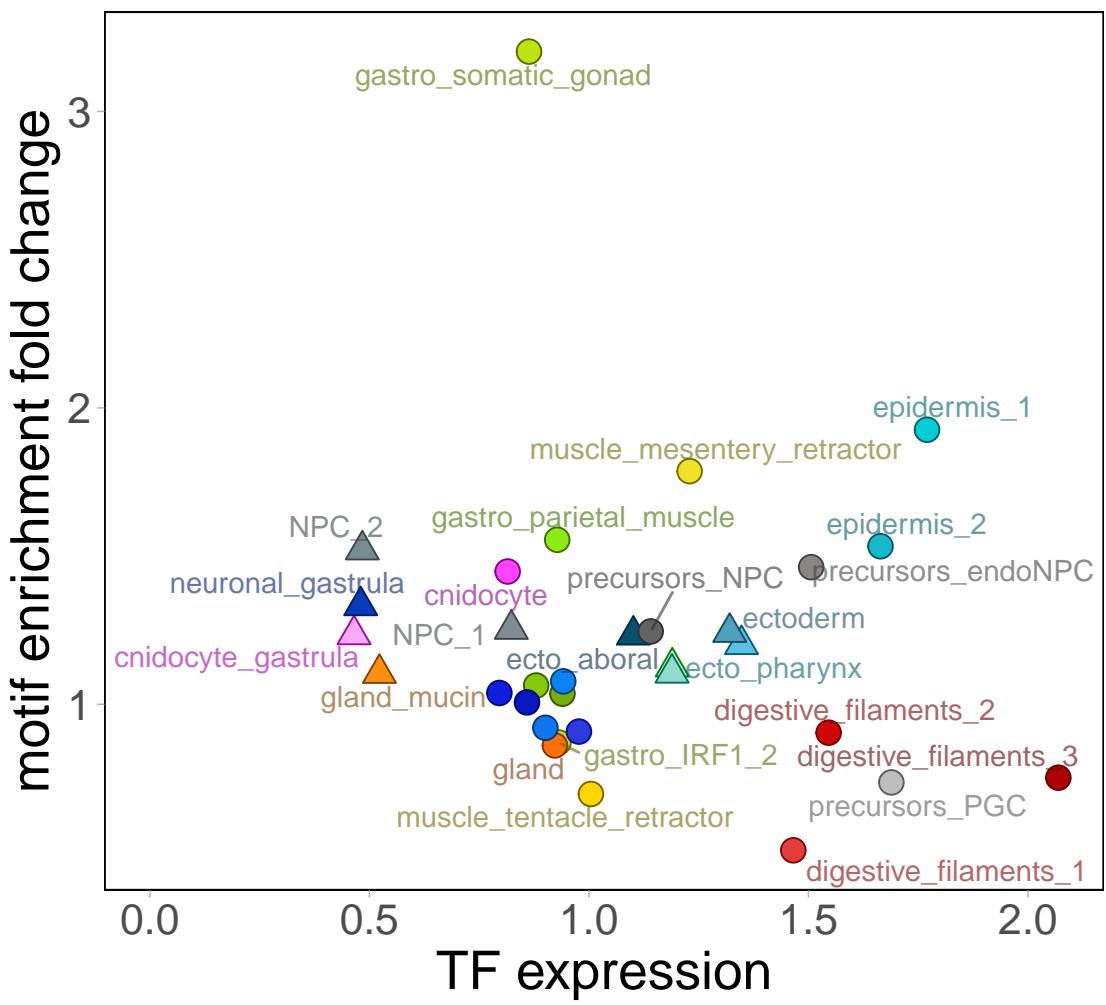
Nvec_vc1.1_XM_032374977.2
OG: HLH.HG1.56:TCF23/TCF24
PFAM: HLH
motif: ARCH1118_PL0012.1_hlh-2::hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 273
gene expression correlation: 0.1448
gene score correlation: 0.2873



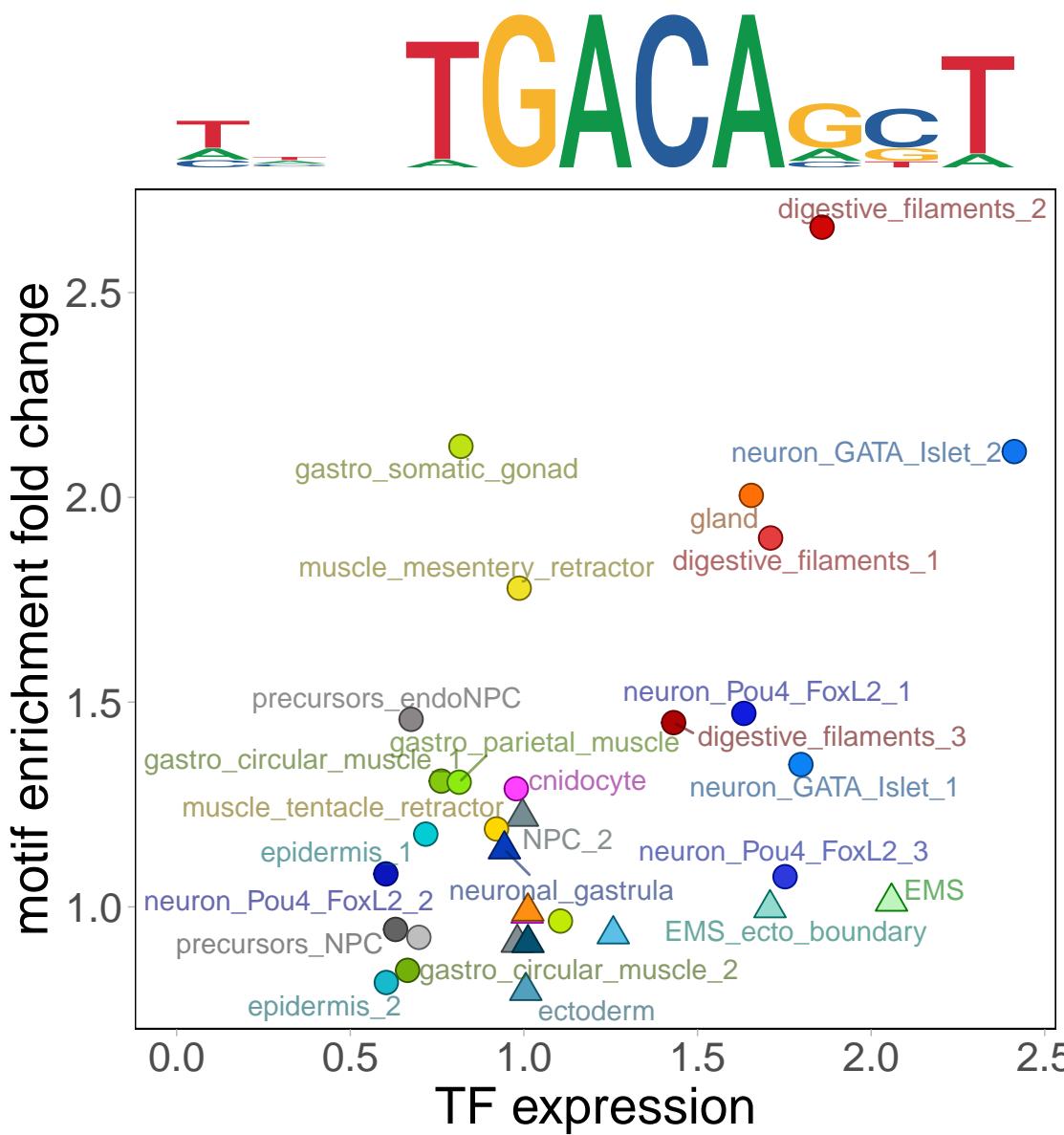
Nvec_vc1.1_XM_032375153.2
OG: Myb.HG3.1:HSPA14/MSANTD1/MS
PFAM: Myb_DNA-bind_4
motif: ARCH1379_MYB17
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 40
gene expression correlation: -0.2610
gene score correlation: 0.4608



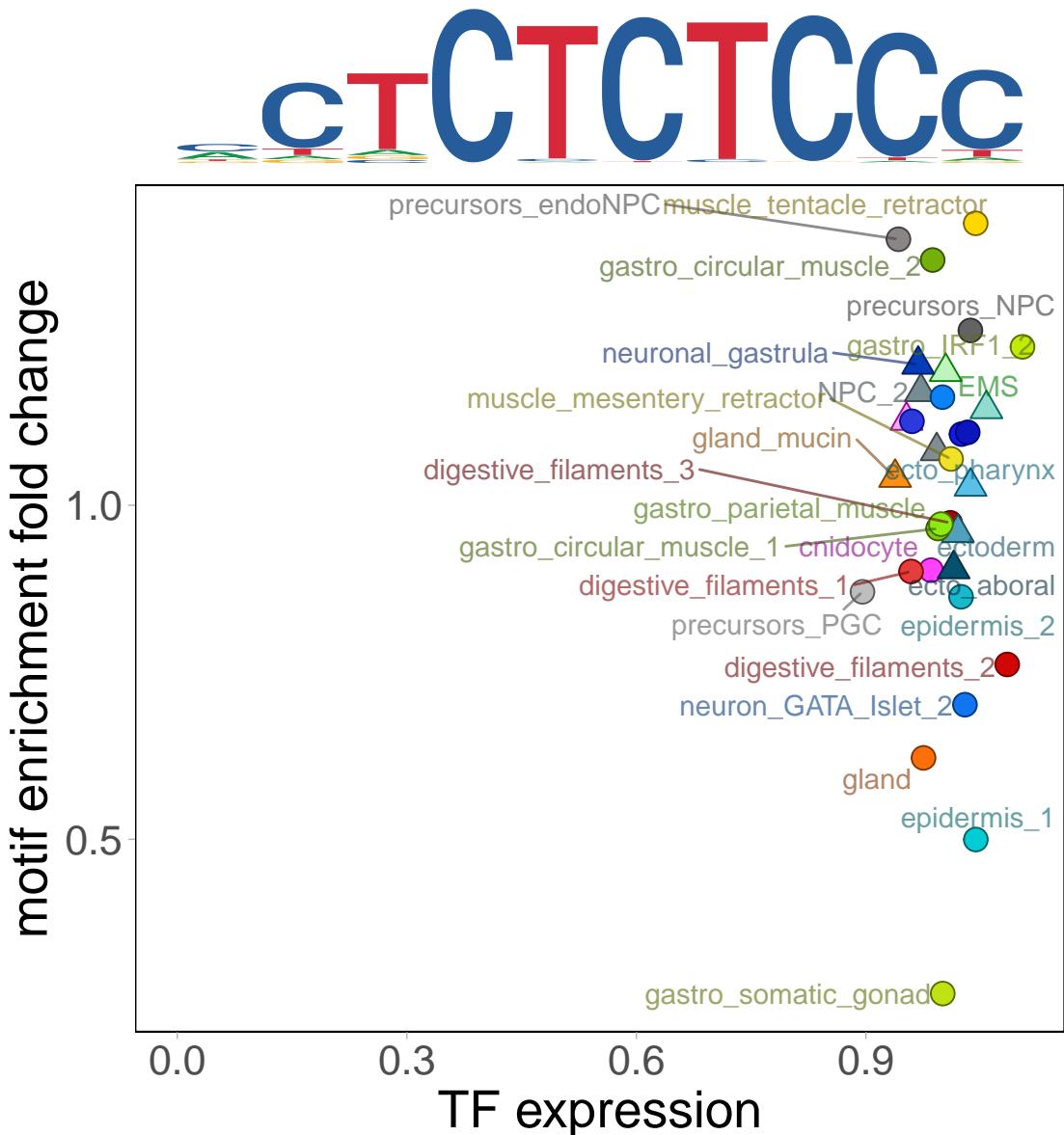
Nvec_vc1.1_XM_032375407.2
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: Myc_N/HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 462
gene expression correlation: -0.1146
gene score correlation: 0.1482



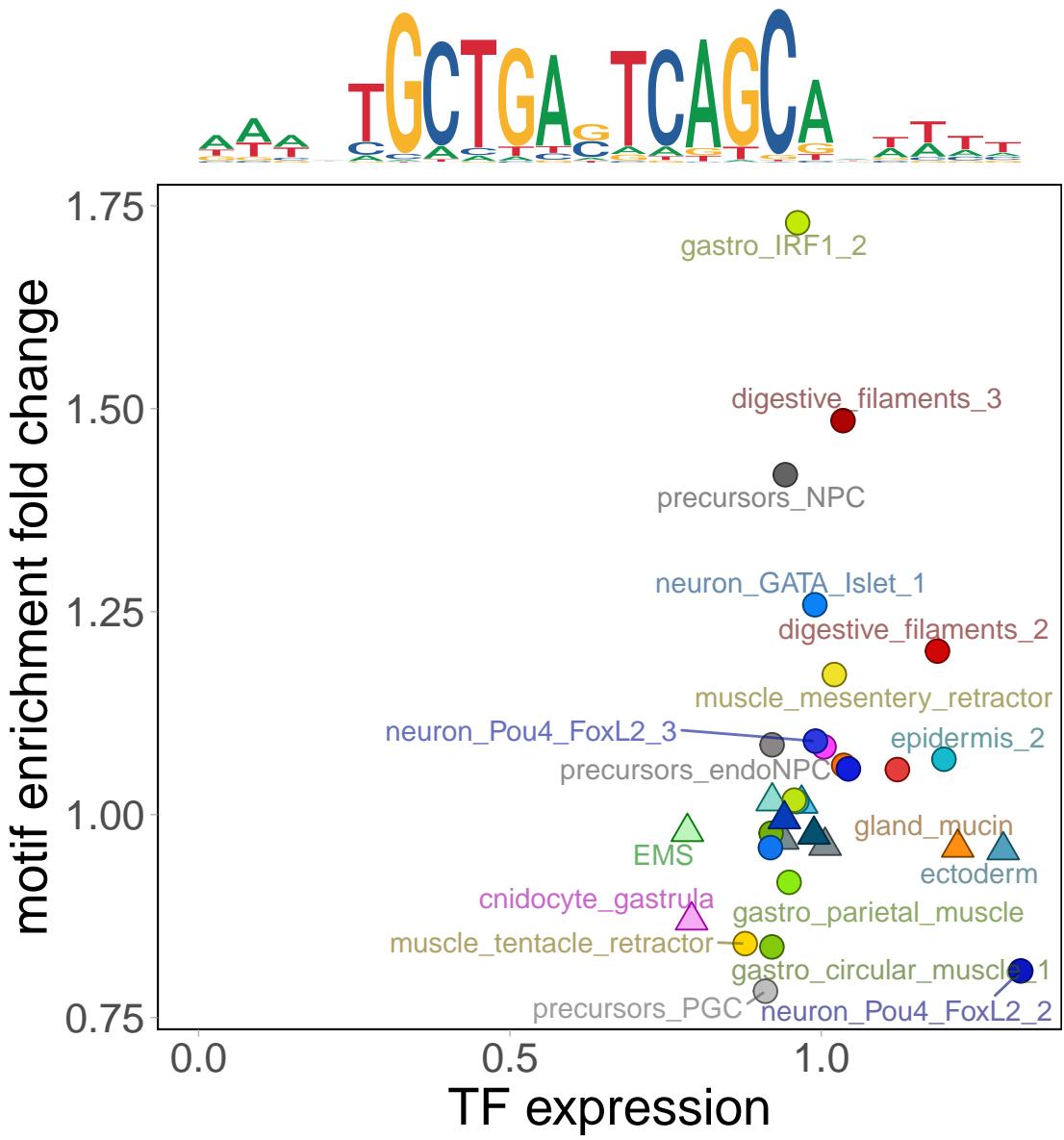
Nvec_vc1.1_XM_032376608.2
OG: Homeodomains.HG3.20:MEIS1/MEIS2
PFAM: Meis_PKNOX_N/Homeobox_KN
motif: ARCH1504_Meis3/Meis2/Meis1_1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4672
gene score correlation: 0.8328



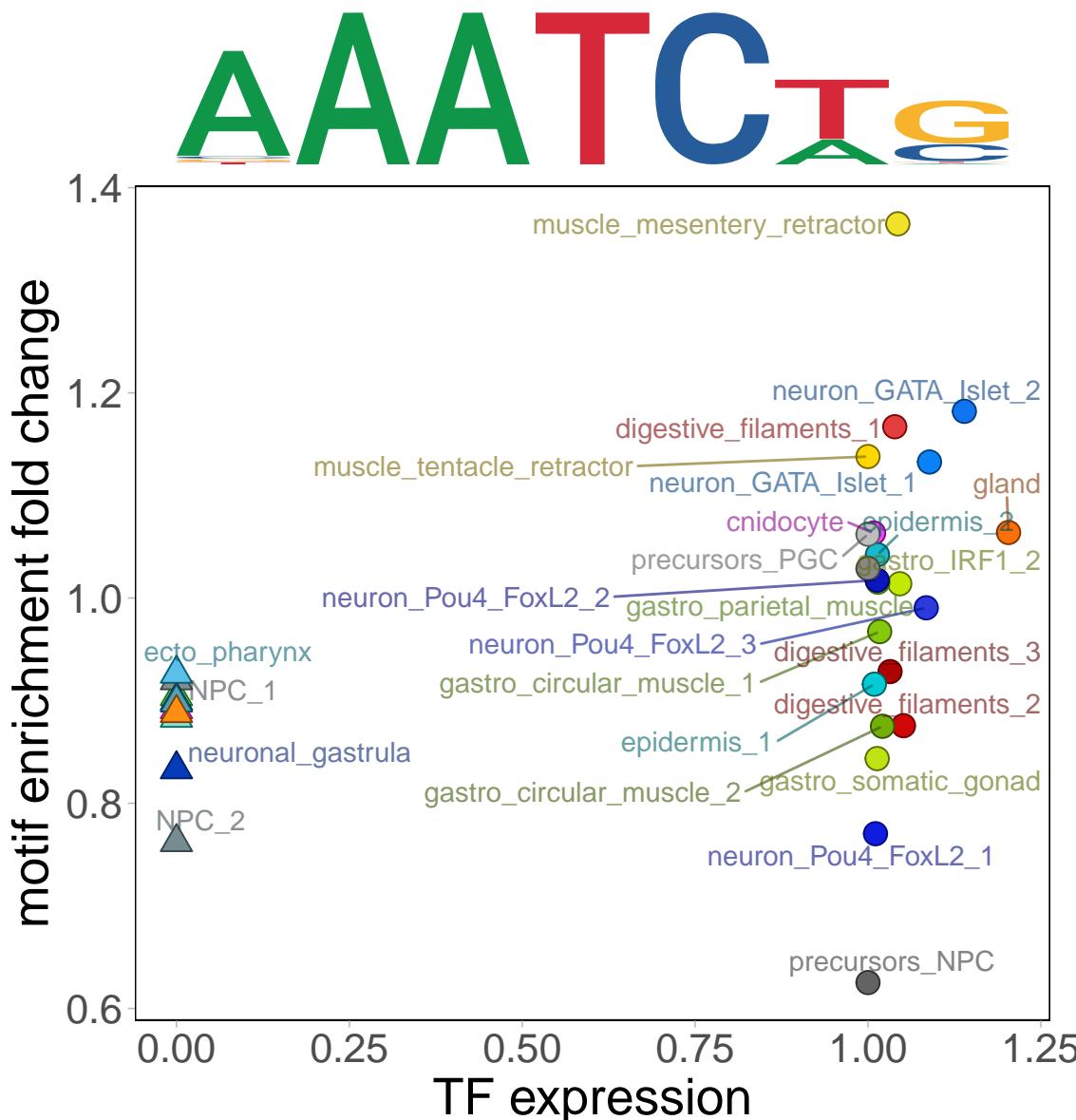
Nvec_vc1.1_XM_032376736.2
OG: zf-C2H2.HG3.23:like:HINFP/RREB
PFAM: zf-C2H2_6/zf-C2H2/zf-C2H2_6
motif: ARCH497_M03679_2.00
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 27
gene expression correlation: -0.0381
gene score correlation: -0.0691



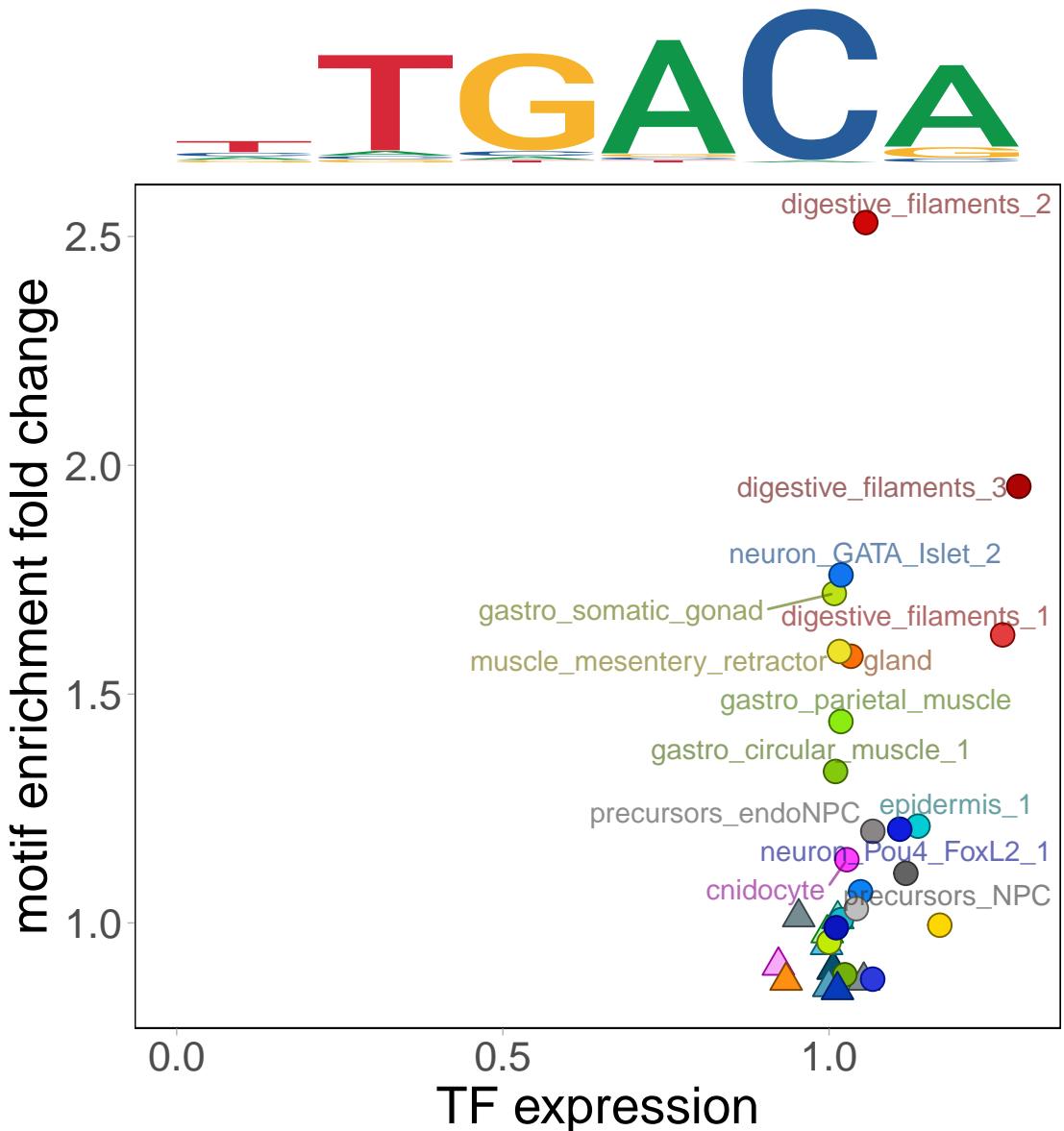
Nvec_vc1.1_XM_032376926.2
OG: bZIP.HG3.2:like:MAF/MAFA/MAFB
PFAM: bZIP_Maf
motif: ARCH1281_Cic_Hbp1_Sox13/SO
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 819
gene expression correlation: 0.0367
gene score correlation: 0.0667



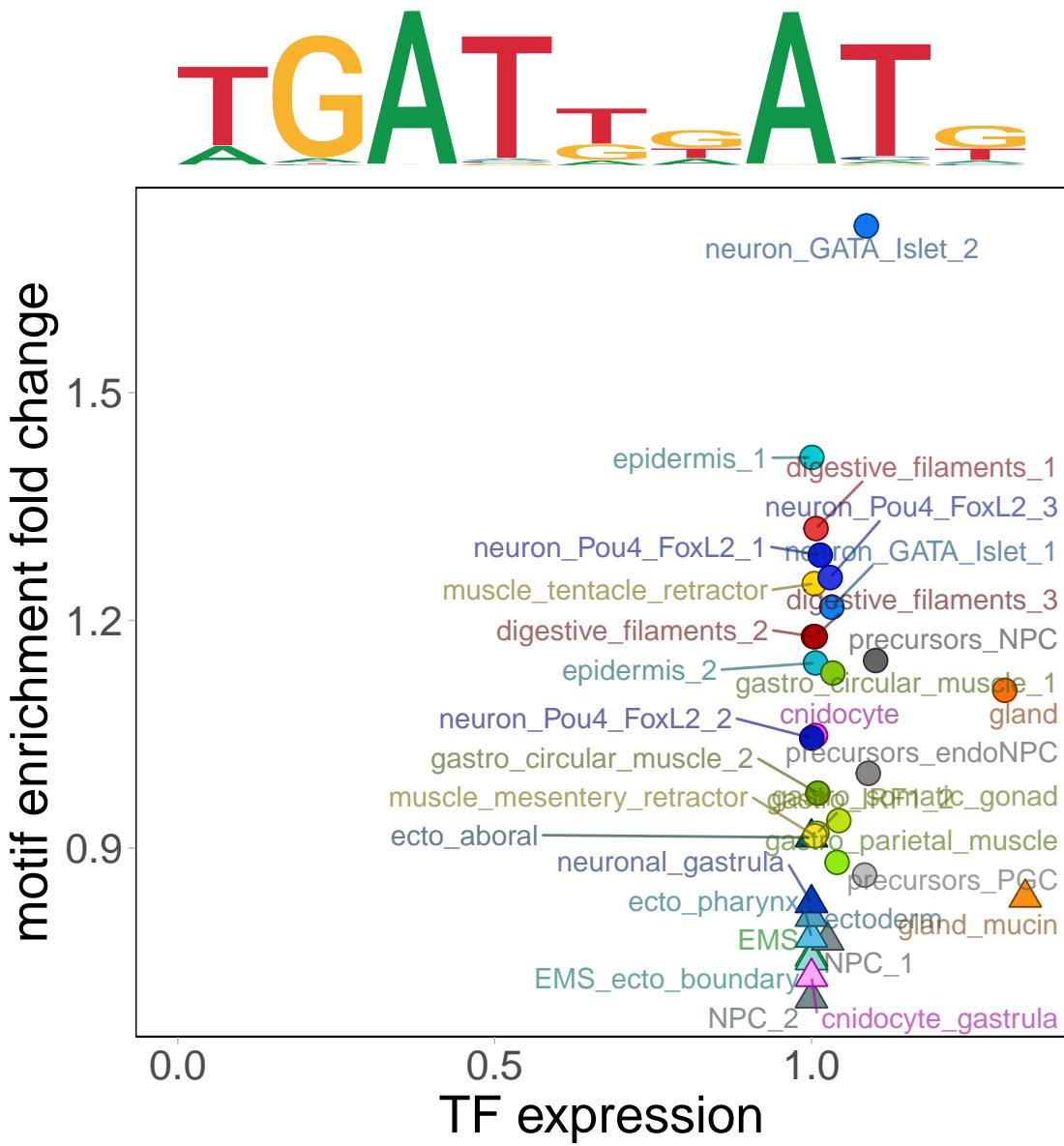
Nvec_vc1.1_XM_032376930.1
OG: zf-C2H2.HG130.0:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 170
gene expression correlation: 0.4287
gene score correlation: 0.1512



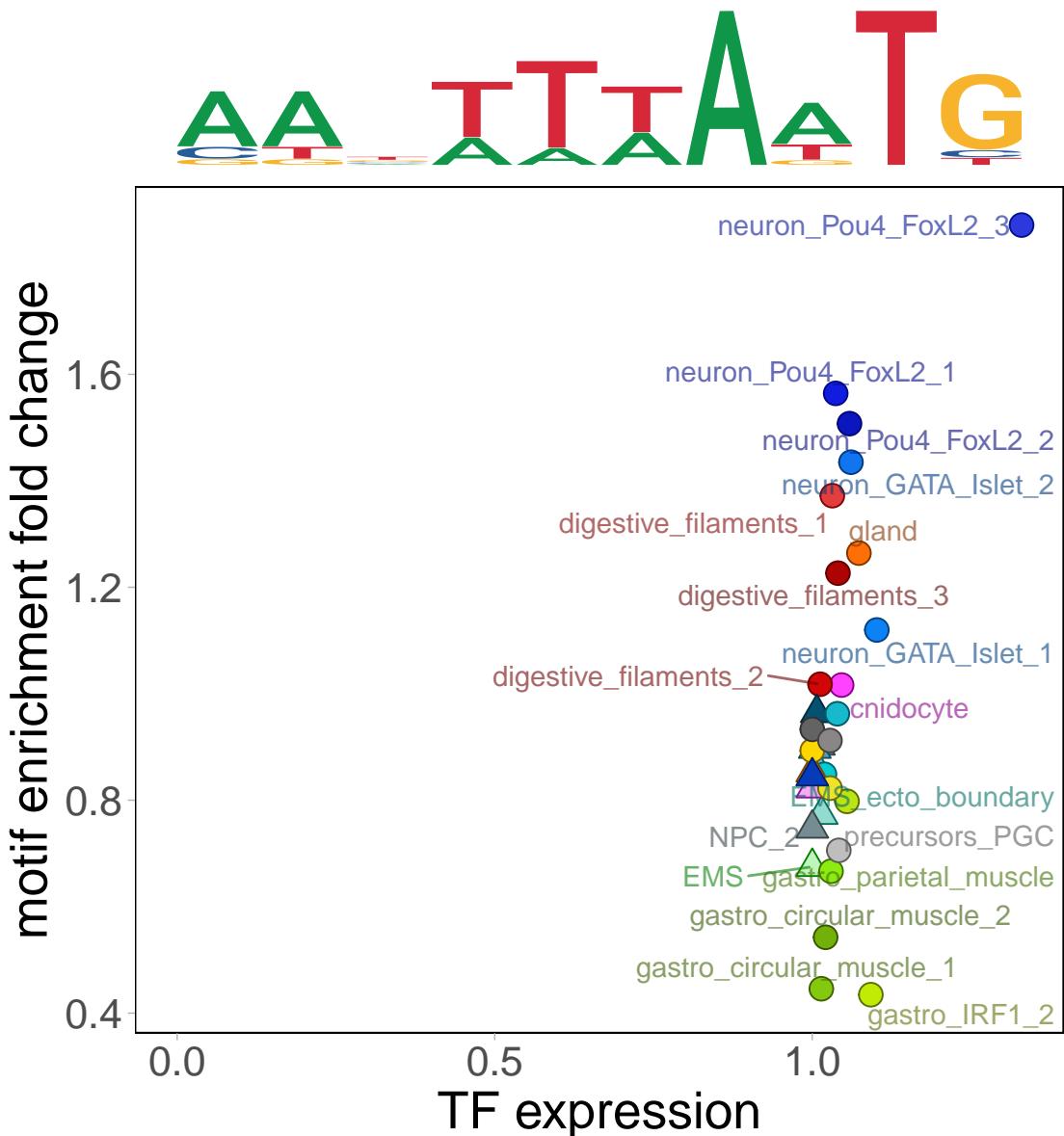
Nvec_vc1.1_XM_032376939.2
OG: Homeodomains.HG2.15:LEUTX
PFAM: CUT/Homeodomain/Homeodom
motif: ARCH1546_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3920
gene score correlation: 0.5550



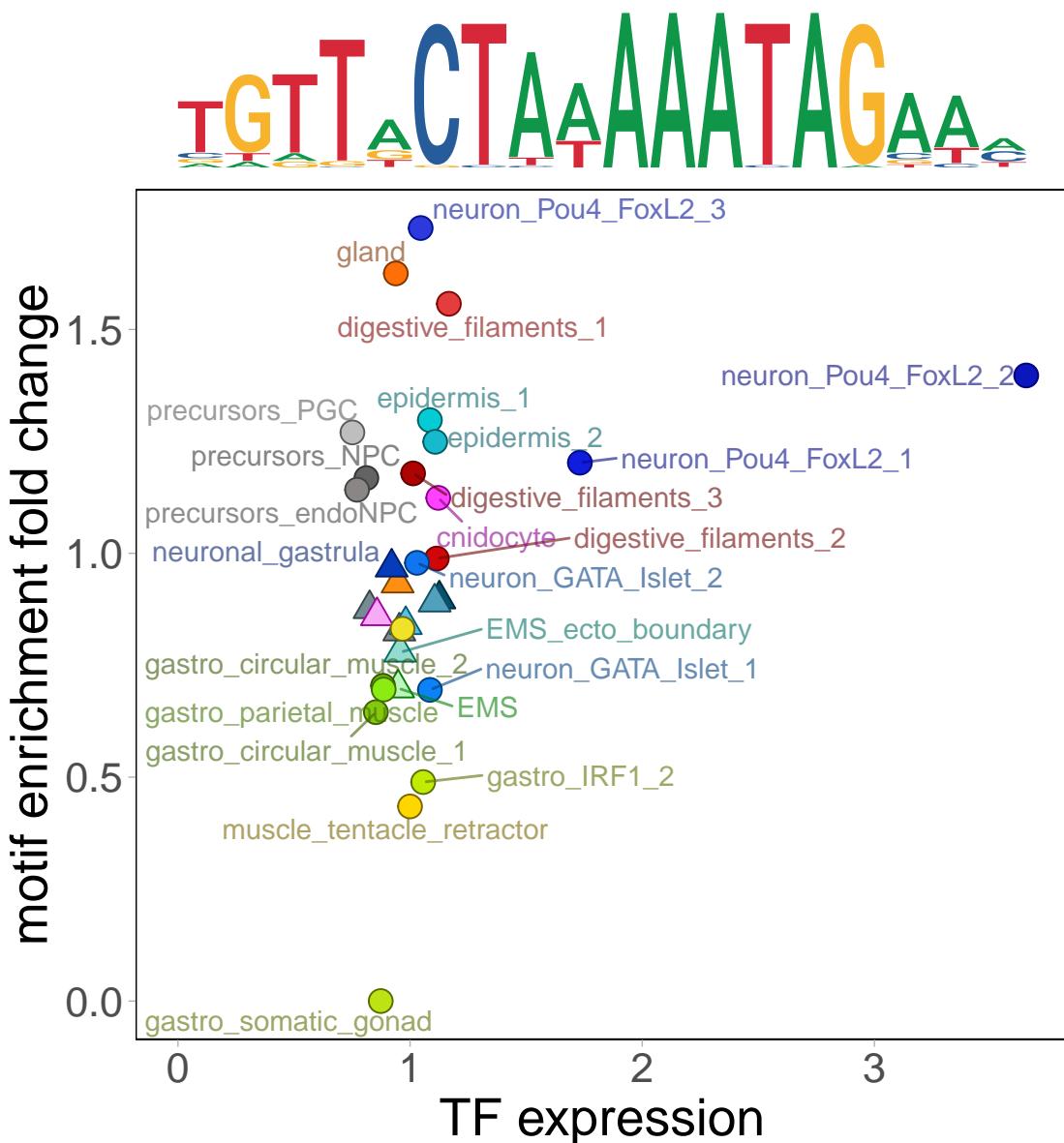
Nvec_vc1.1_XM_032377135.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 148
gene expression correlation: 0.0432
gene score correlation: 0.0872



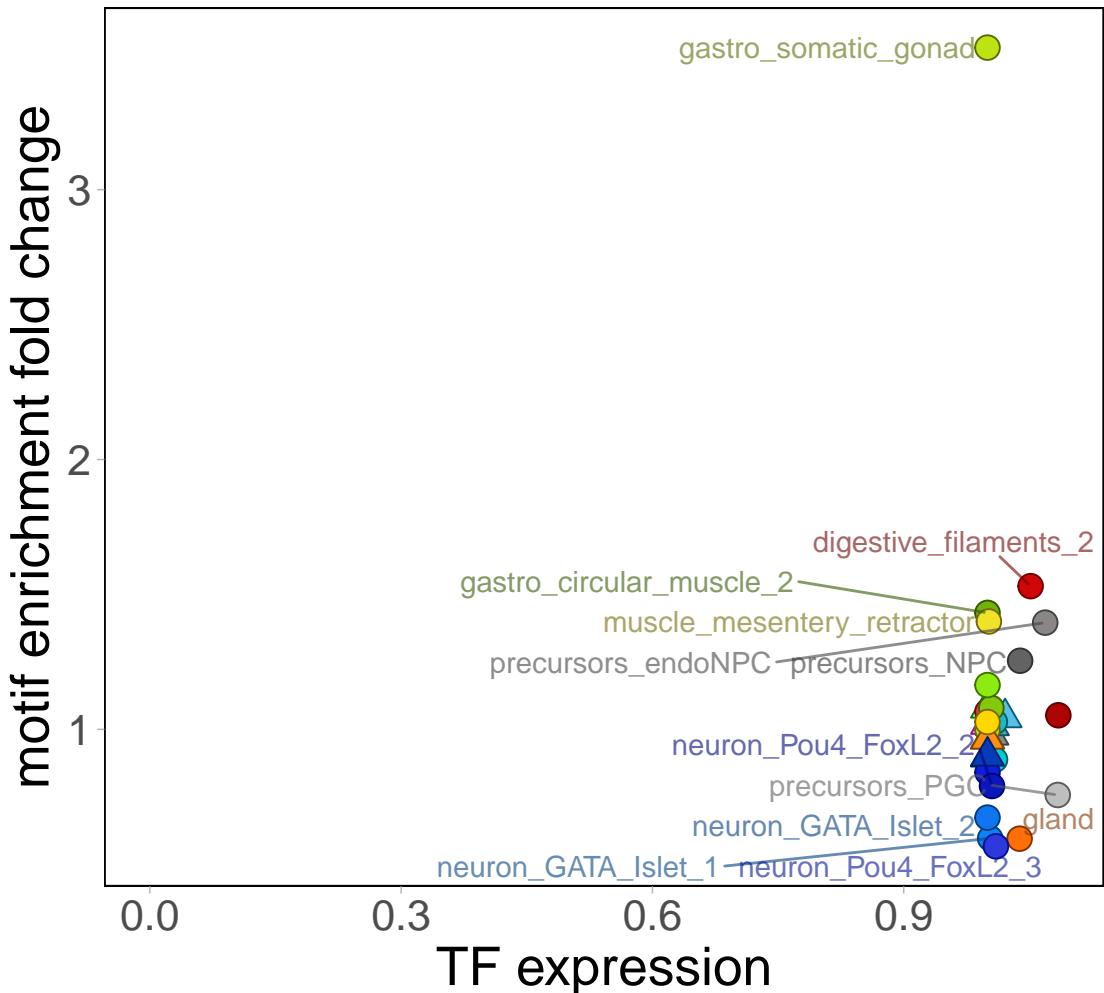
Nvec_vc1.1_XM_032377390.2
OG: Homeodomains.HG1.42:VAX1/VAX2
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 7
gene expression correlation: 0.5793
gene score correlation: 0.5258



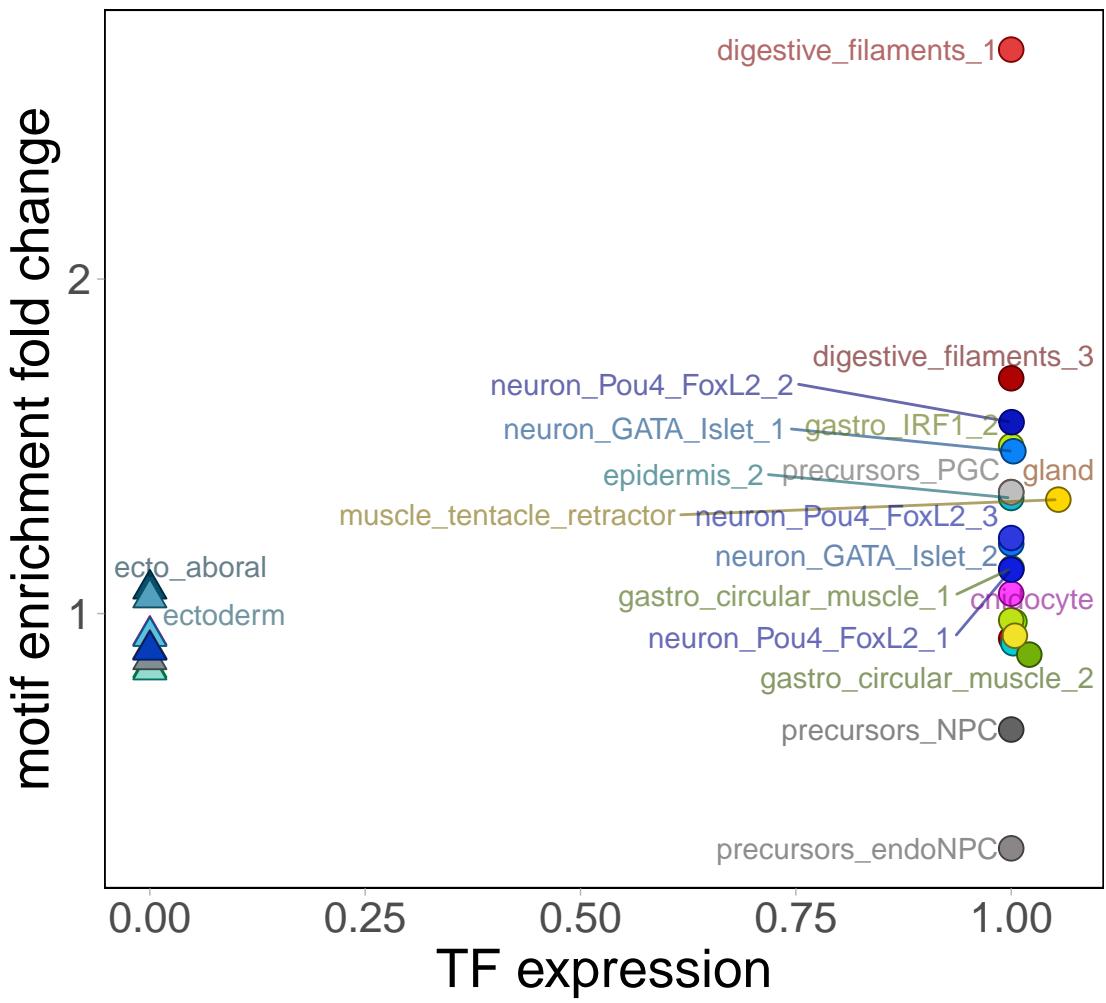
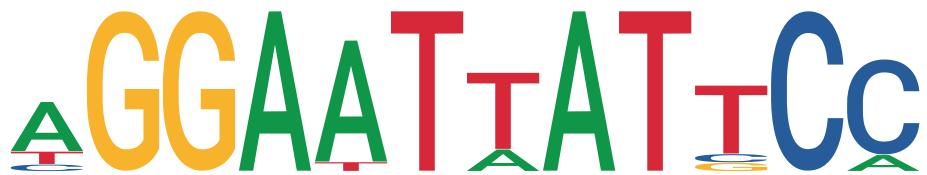
Nvec_vc1.1_XM_032377792.2
OG: MADS-box_SRF.HG1.2:BORCS8-
PFAM: SRF-TF/HJURP_C
motif: ARCH1333_Mef2c/Mef2b/Mef2a/
TF family: MADS-box_SRF
archetype family: MADS-box_SRF
CisBP assigned: TRUE
rank: 18
gene expression correlation: 0.2818
gene score correlation: 0.2714



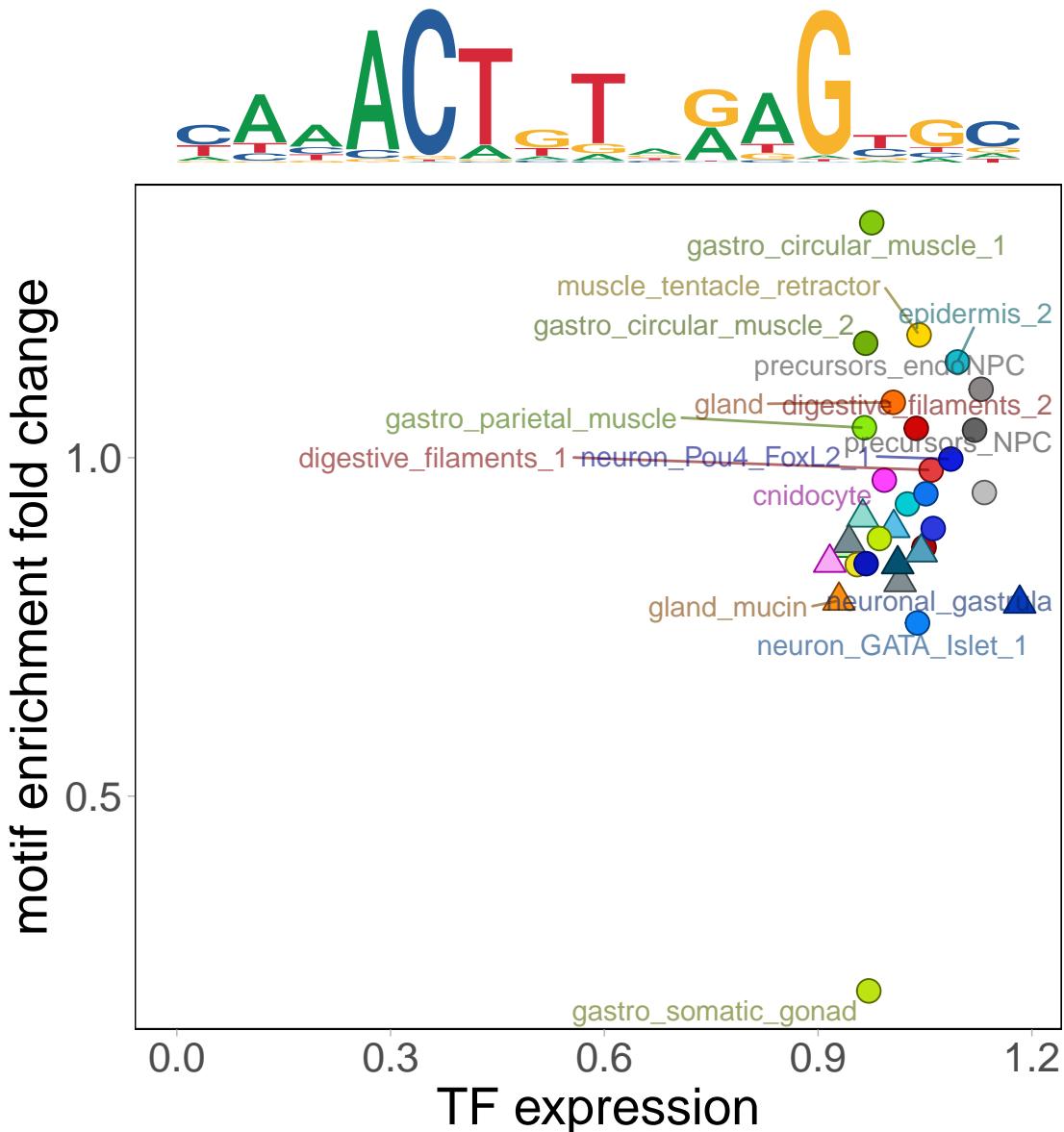
Nvec_vc1.1_XM_032377883.2
OG: P53.HG1.6:like:TP53/TP63/TP73
PFAM: P53
motif: ARCH910_p53
TF family: P53
archetype family: P53
CisBP assigned: FALSE
rank: 950
gene expression correlation: -0.0244
gene score correlation: 0.0644



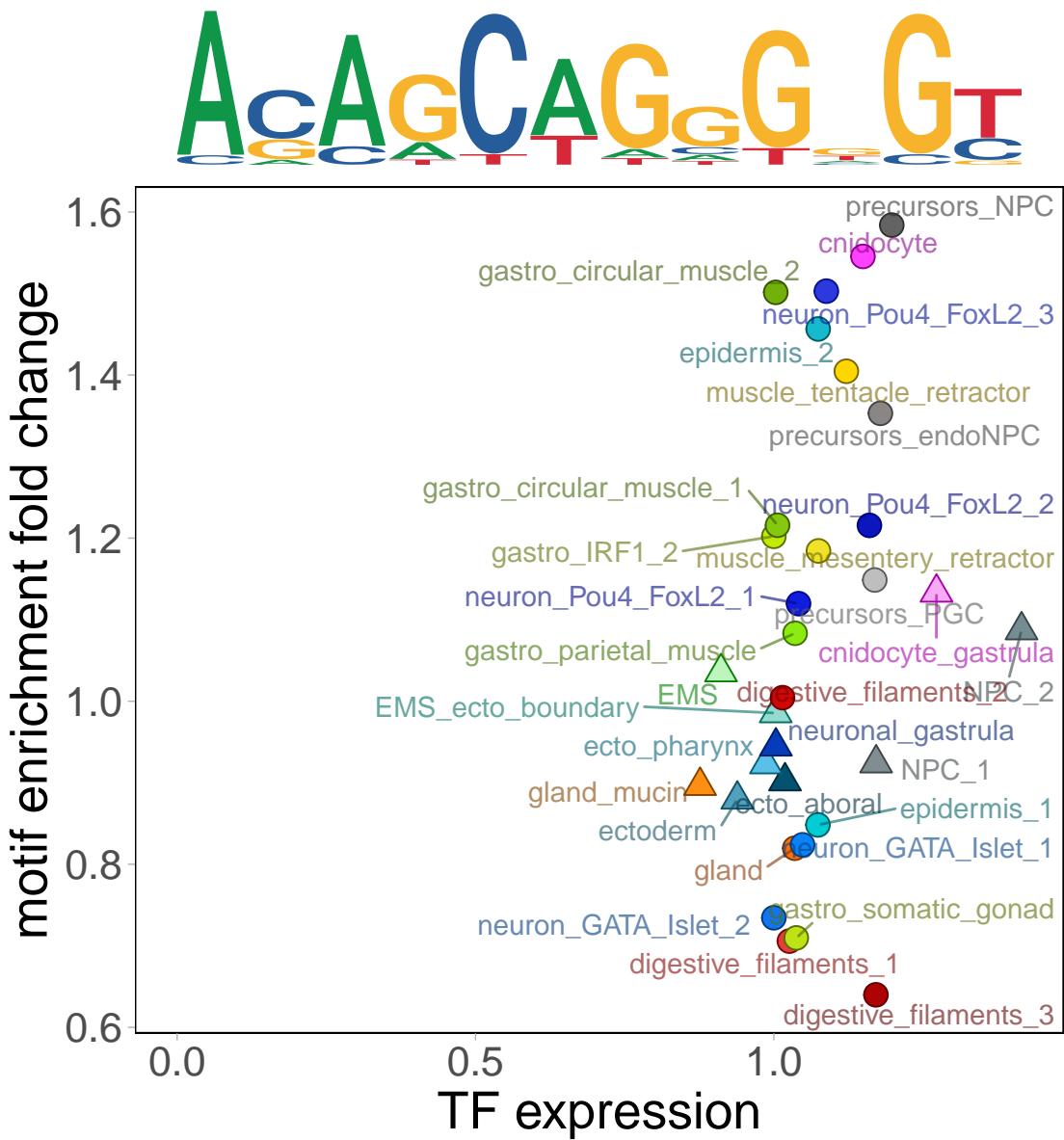
Nvec_vc1.1_XM_032378000.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH1055_MF0010.1_Homeob
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 574
gene expression correlation: 0.3398
gene score correlation: -0.2267



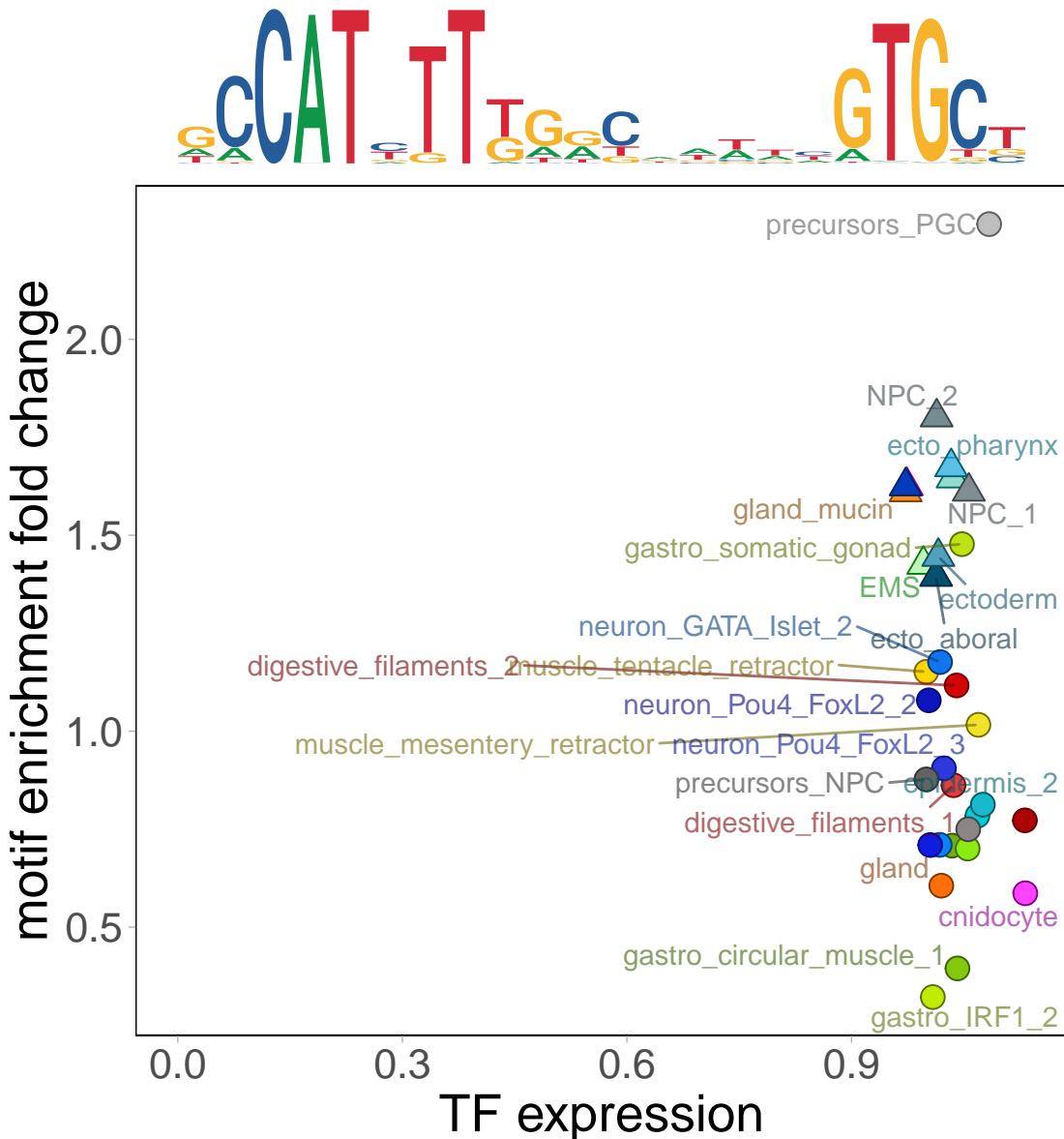
Nvec_vc1.1_XM_032378255.2
OG: zf-C2H2.HG105.0:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1370_M05856_2.00
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 868
gene expression correlation: 0.1847
gene score correlation: 0.1277



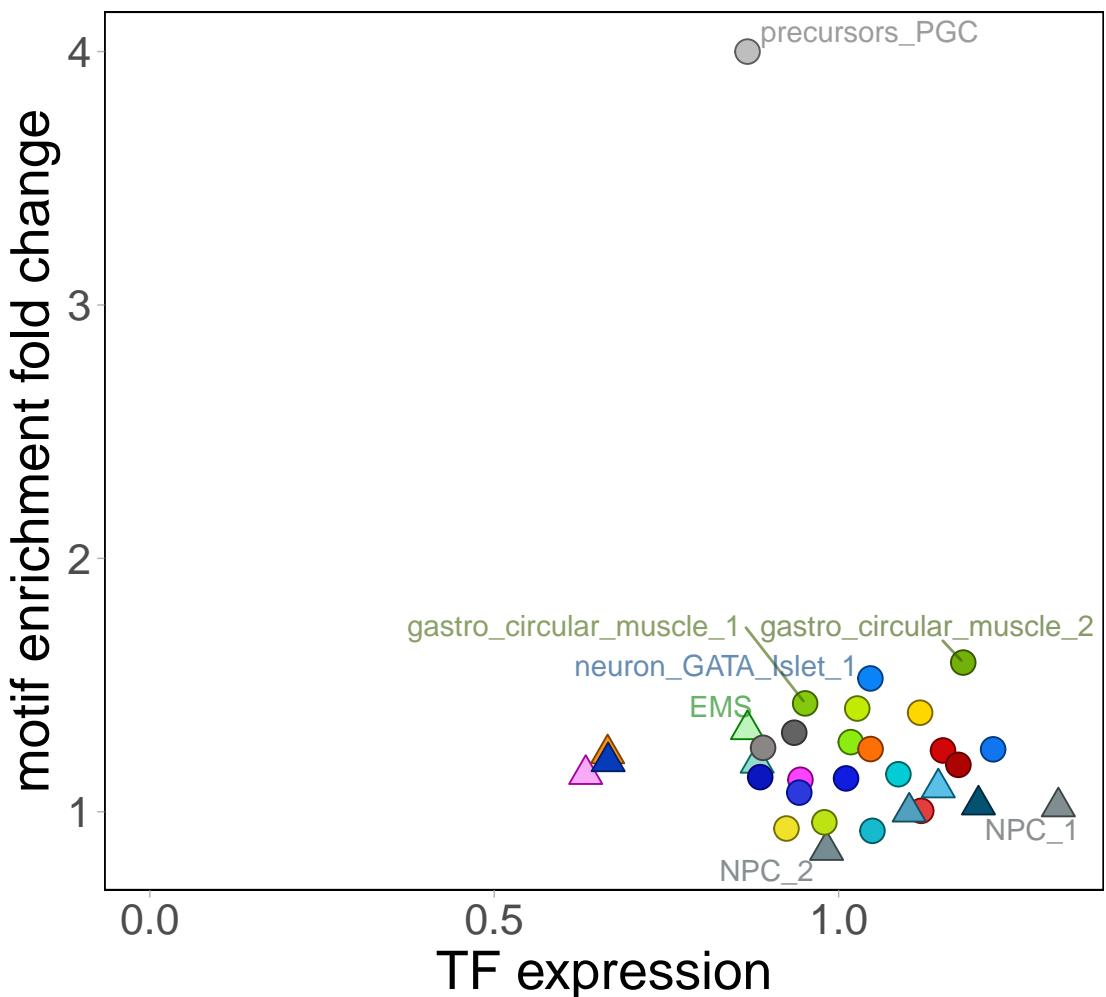
Nvec_vc1.1_XM_032378312.2
OG: zf-C2H2.HG119.1:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1600_ZIC1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 17
gene expression correlation: 0.2920
gene score correlation: 0.5050



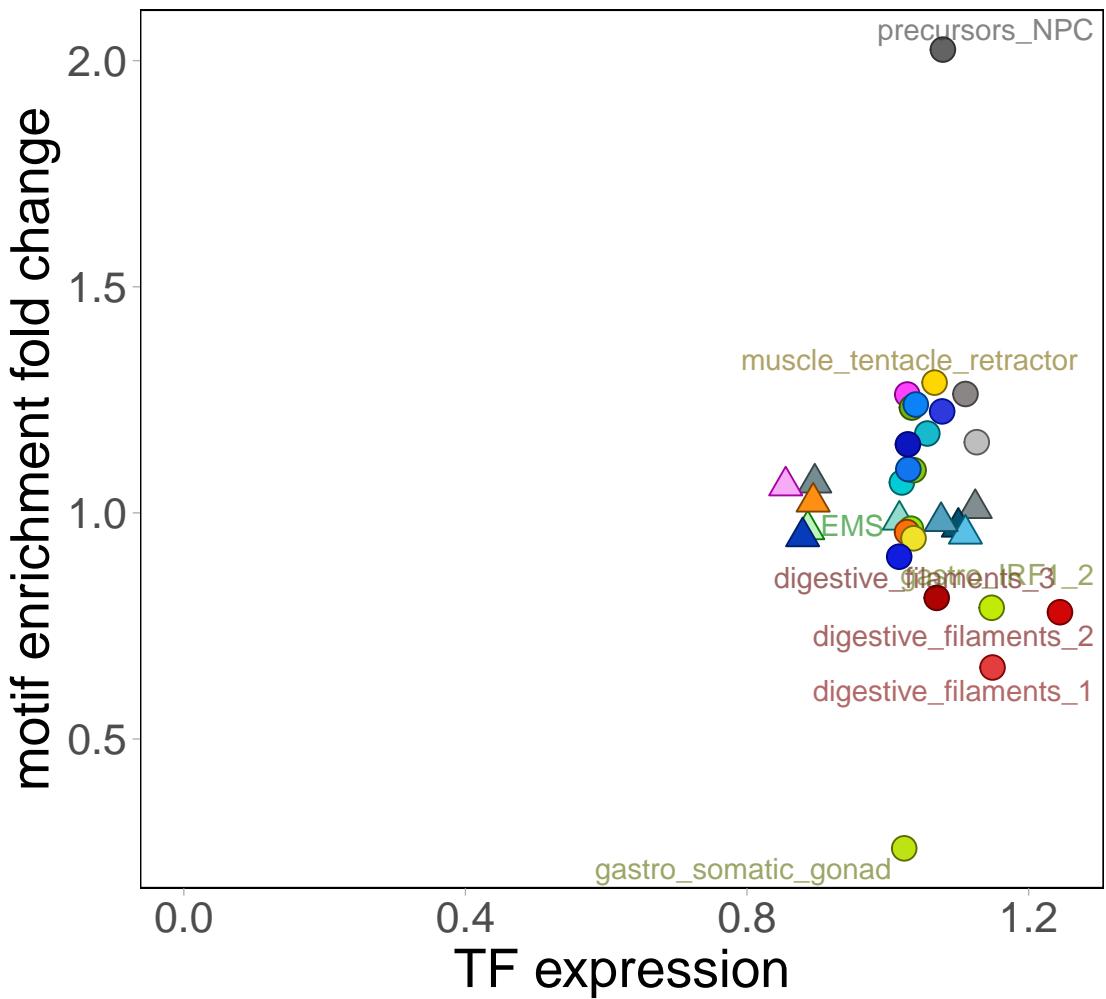
Nvec_vc1.1_XM_032378323.2
OG: zf-C2H2.HG9.0:PLAGL1/PLAGL2/
PFAM: zf-C2H2/zf-C2H2
motif: ARCH1255_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 3
gene expression correlation: -0.2395
gene score correlation: 0.1734



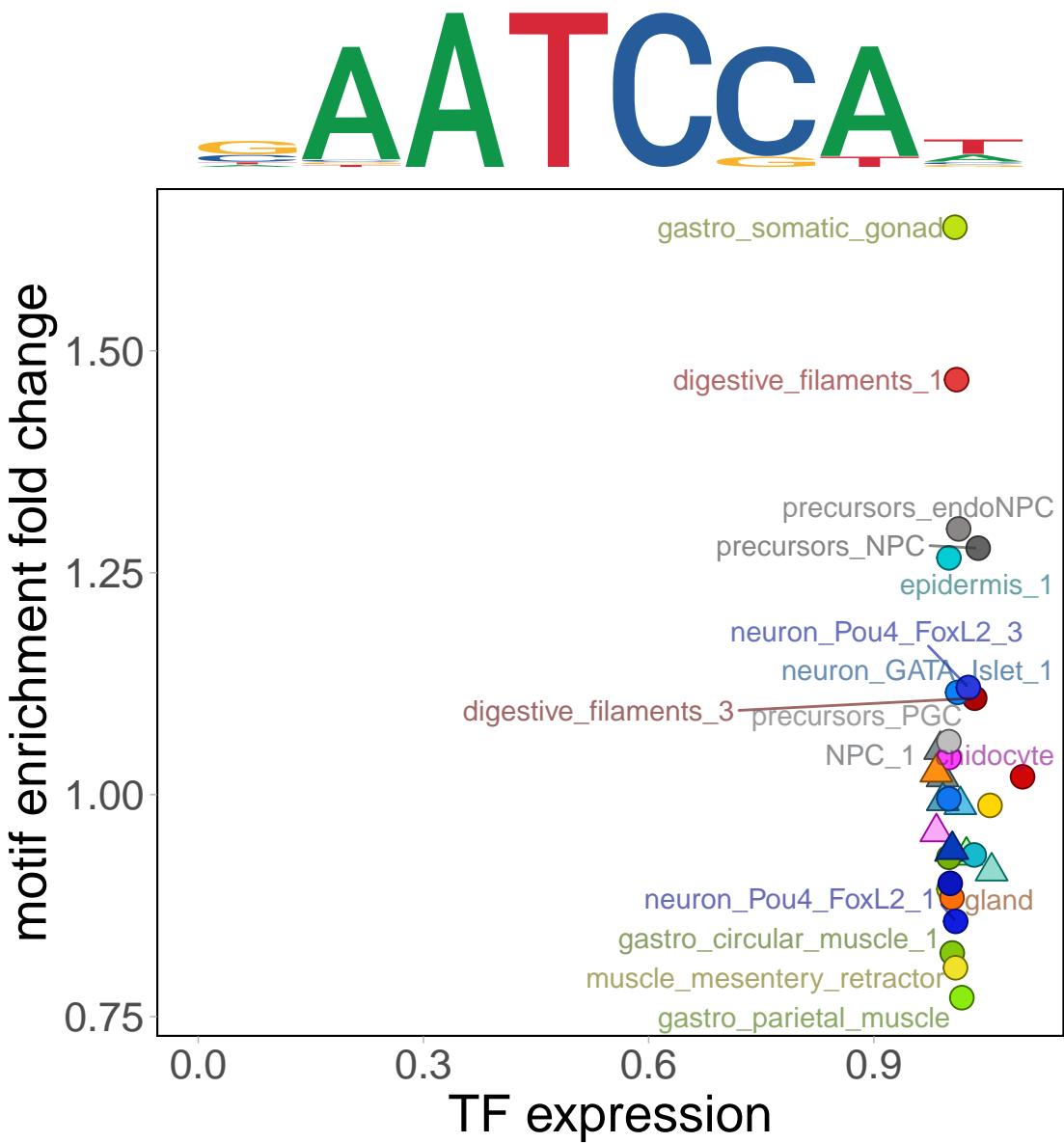
Nvec_vc1.1_XM_032378402.2
OG: E2F_TDP.HG1.1:TFDP1/TFDP2/T
PFAM: E2F_TDP/DP
motif: ARCH367_/E2f4_E2f6_E2f8/E2f..
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 342
gene expression correlation: -0.1486
gene score correlation: 0.1383



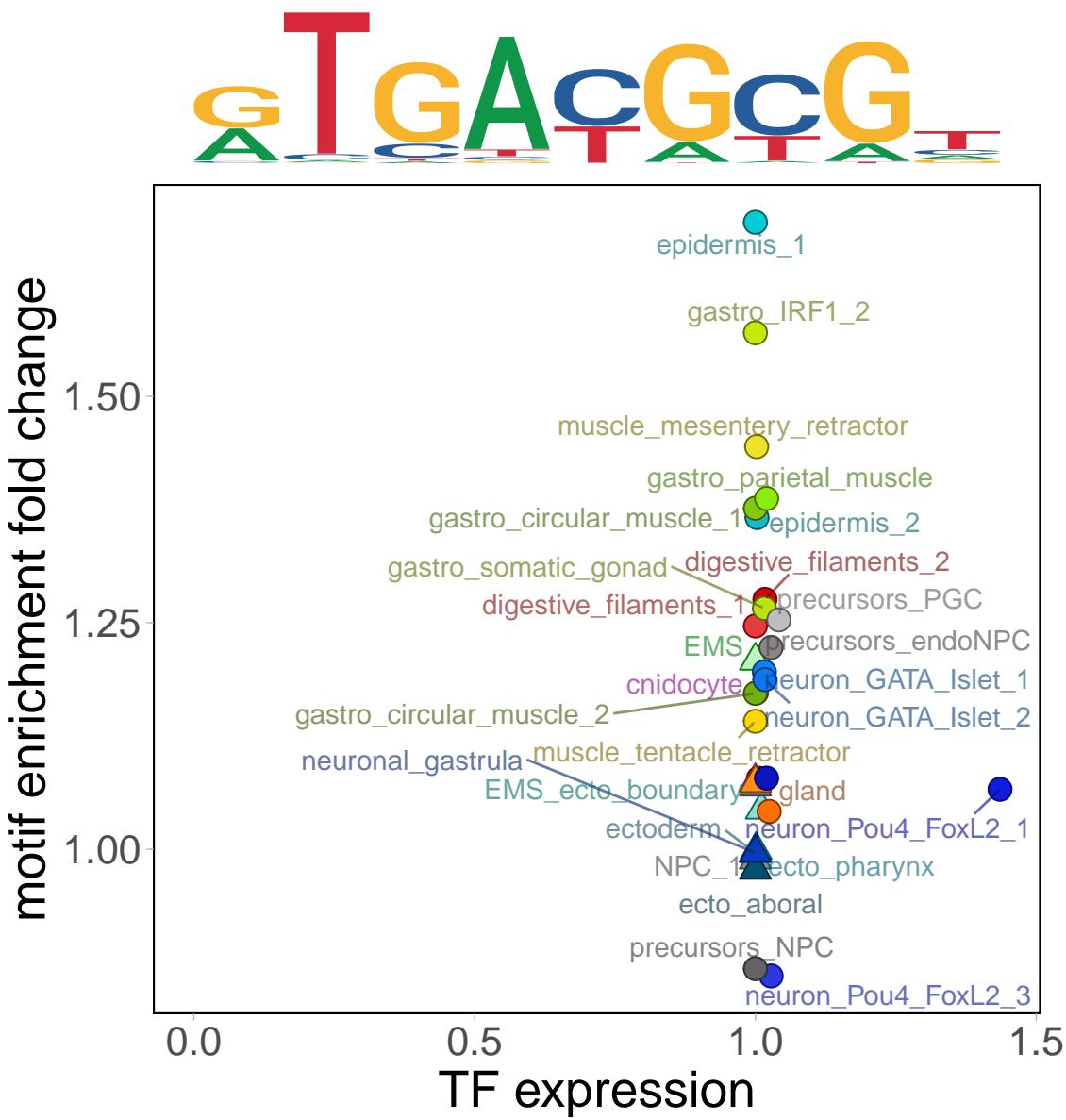
Nvec_vc1.1_XM_032378403.2
OG: zf-C2H2.HG1.209:like:AC008758.1
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH827_Vezf1/Maz
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 577
gene expression correlation: -0.0410
gene score correlation: 0.5550



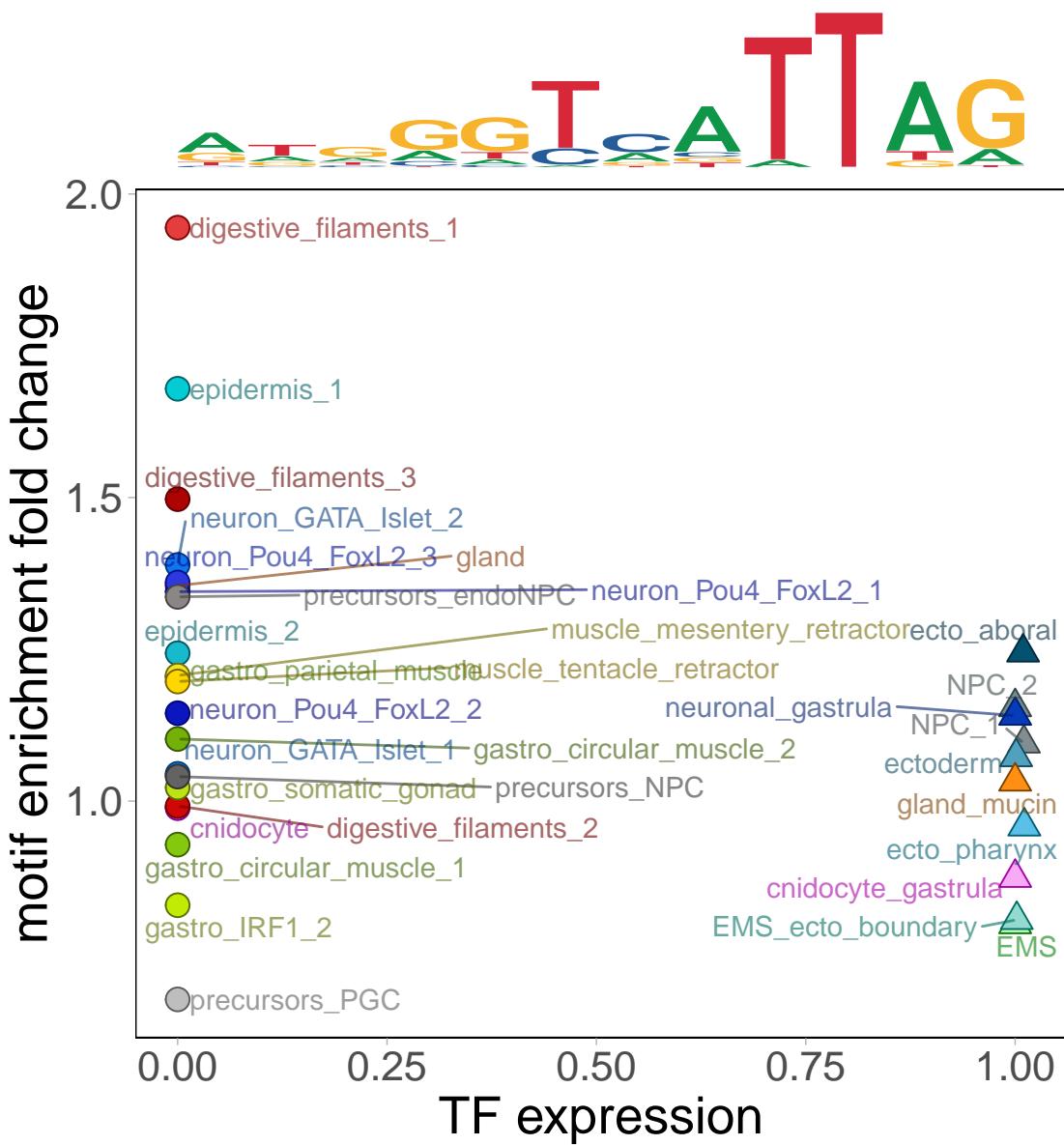
Nvec_vc1.1_XM_032378442.2
OG: Myb.HG3.0:like:HSPA14/MSANTD1
PFAM: Myb_DNA-bind_4
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 563
gene expression correlation: 0.0258
gene score correlation: 0.3359



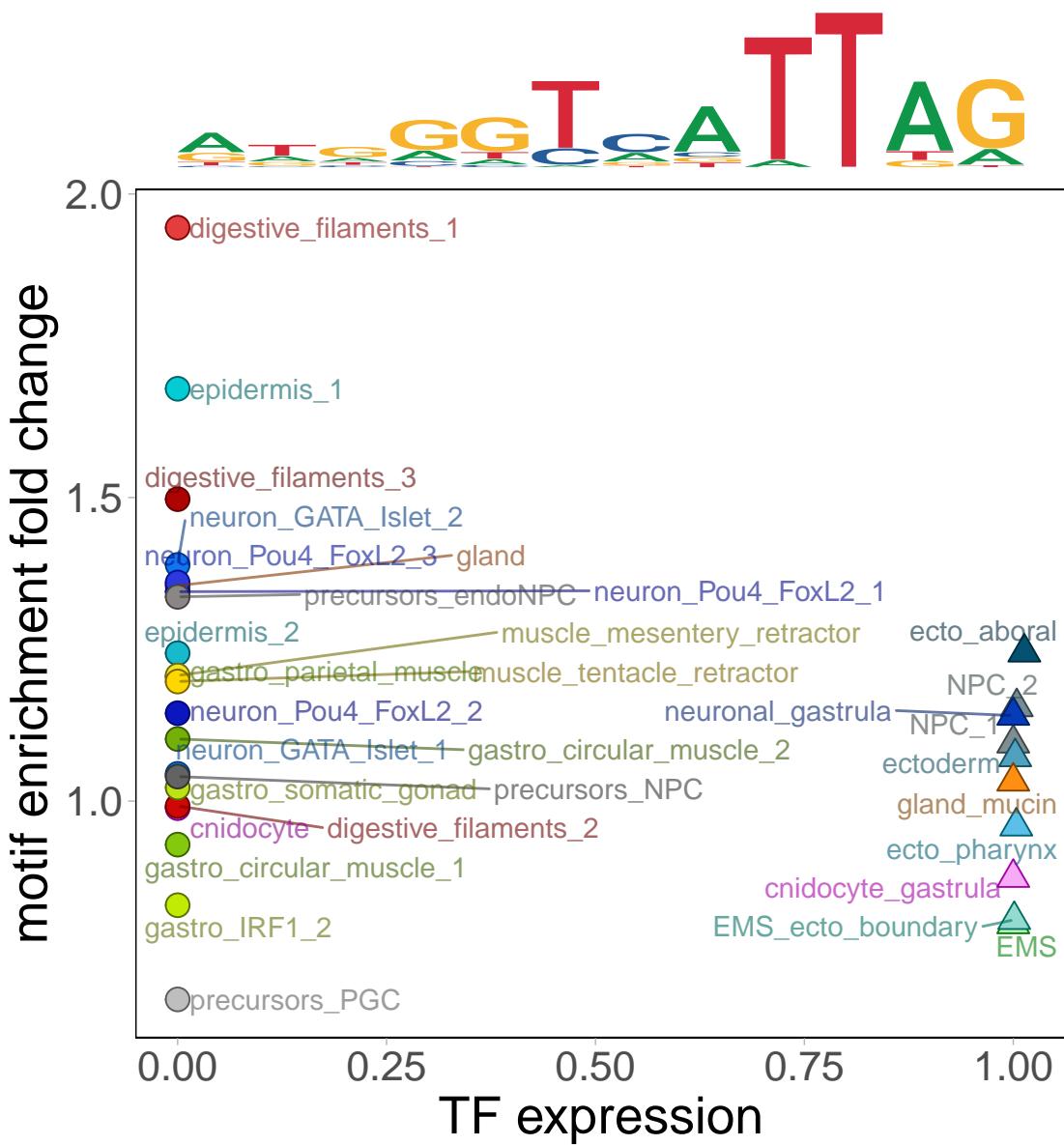
Nvec_vc1.1_XM_032378649.2
OG: bZIP.HG1.10:like:ATF3/FOS/FOSB
PFAM: bZIP_1
motif: ARCH1583_Crem/Creb1/Atf1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 111
gene expression correlation: -0.1011
gene score correlation: 0.4548



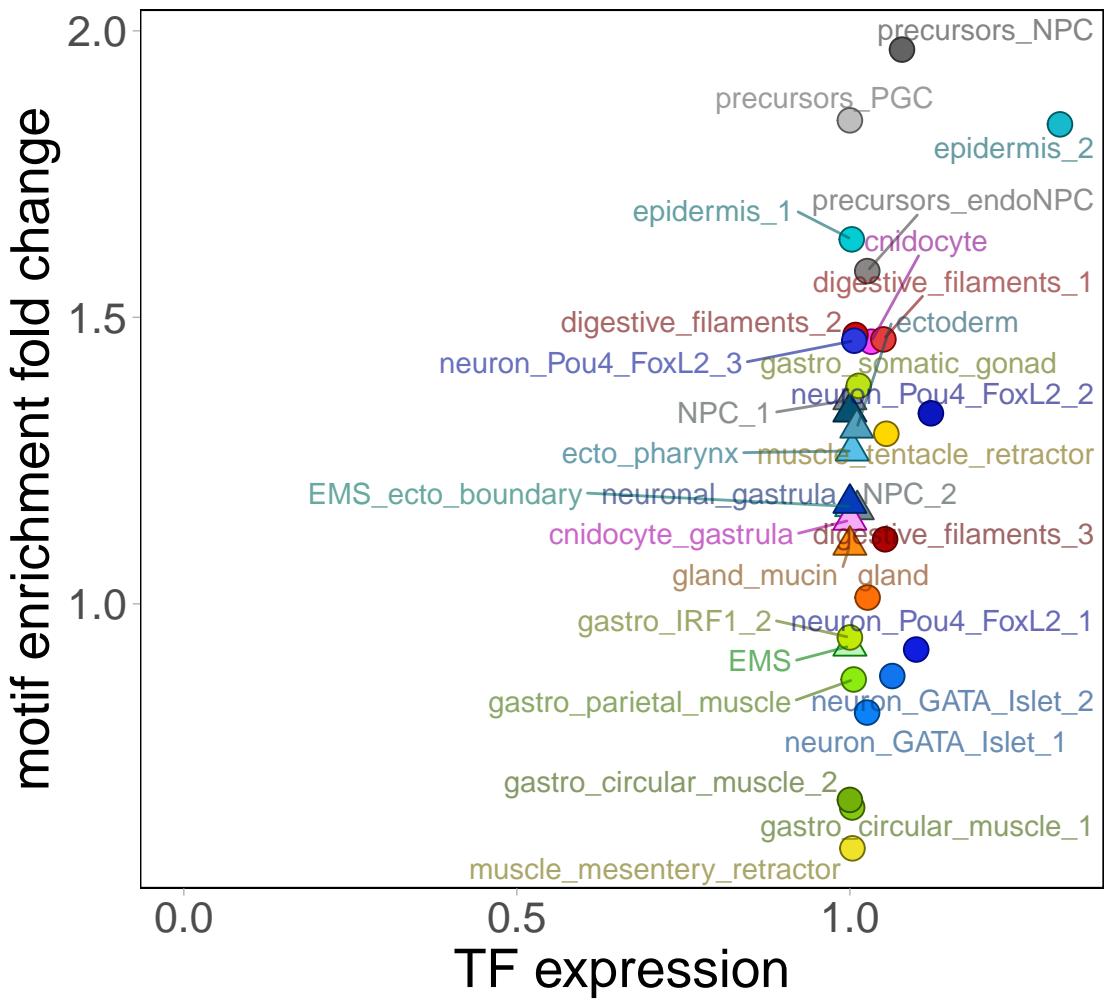
Nvec_vc1.1_XM_032378769.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 57
gene expression correlation: -0.3376
gene score correlation: -0.3389



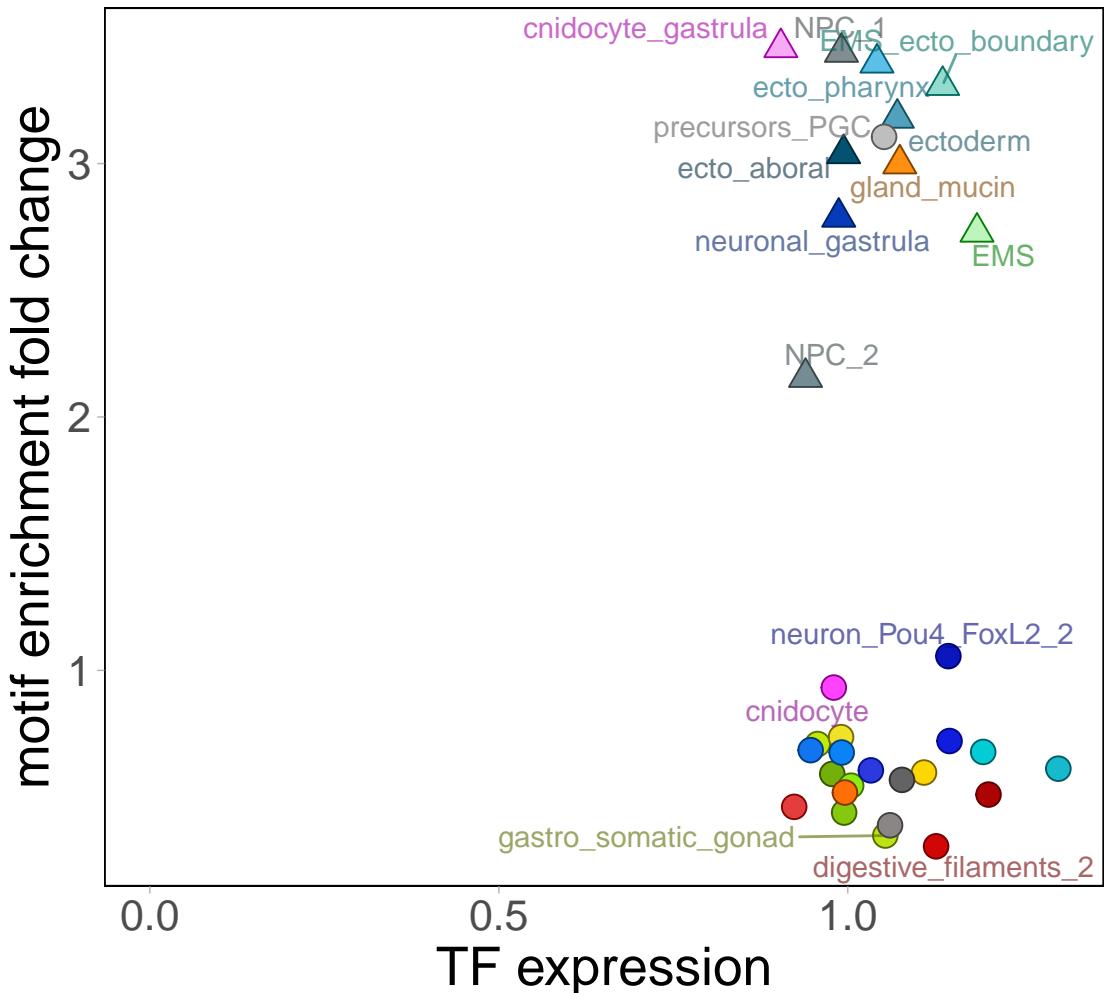
Nvec_vc1.1_XM_032378779.2
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 58
gene expression correlation: -0.3373
gene score correlation: -0.3456



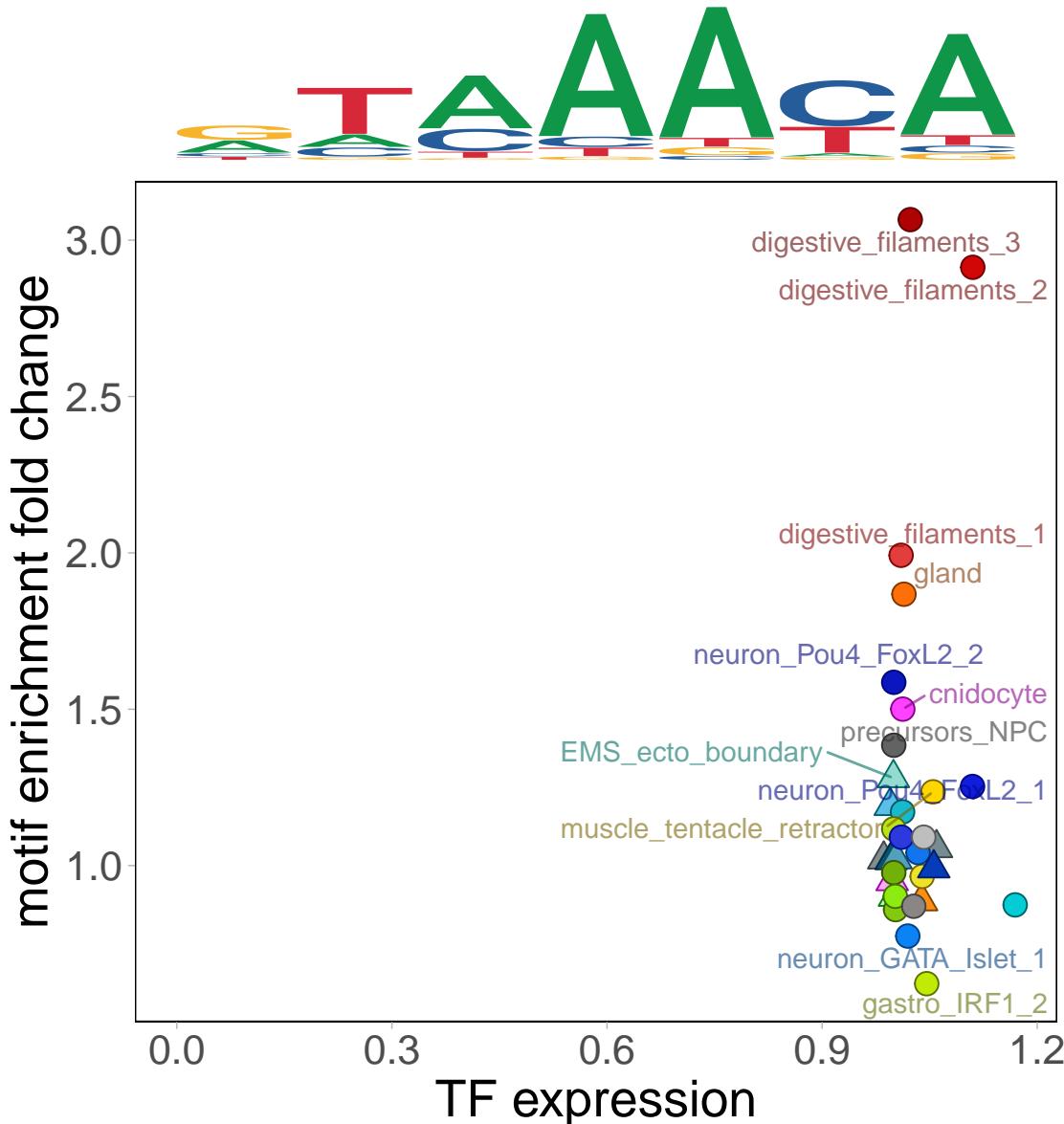
Nvec_vc1.1_XM_032378839.2
OG: Forkhead.HG1.14:like:FOXN1/FOX
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.3448
gene score correlation: 0.5557



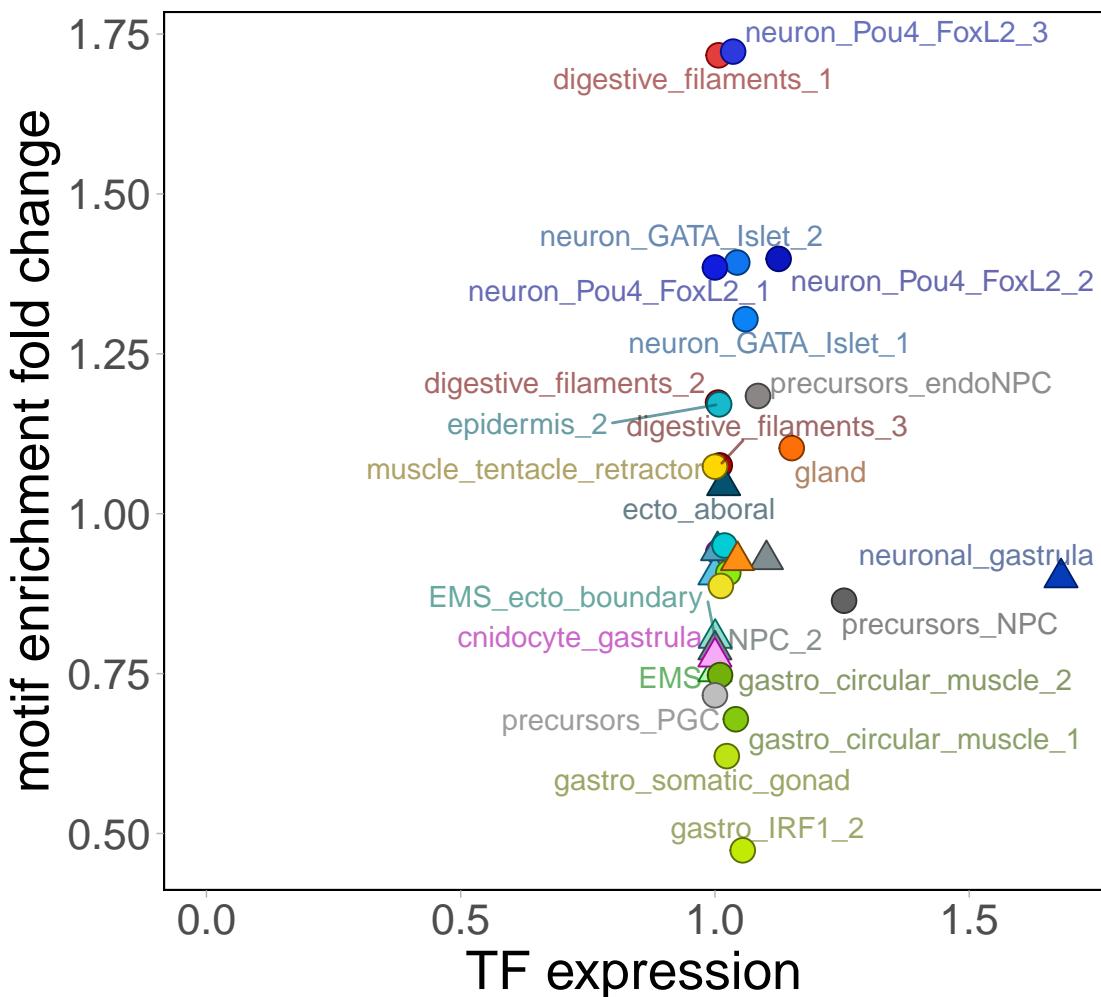
Nvec_vc1.1_XM_032378941.2
OG: zf-C2H2.HG117.0:ZNF800
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1253_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 10
gene expression correlation: -0.1136
gene score correlation: 0.0692



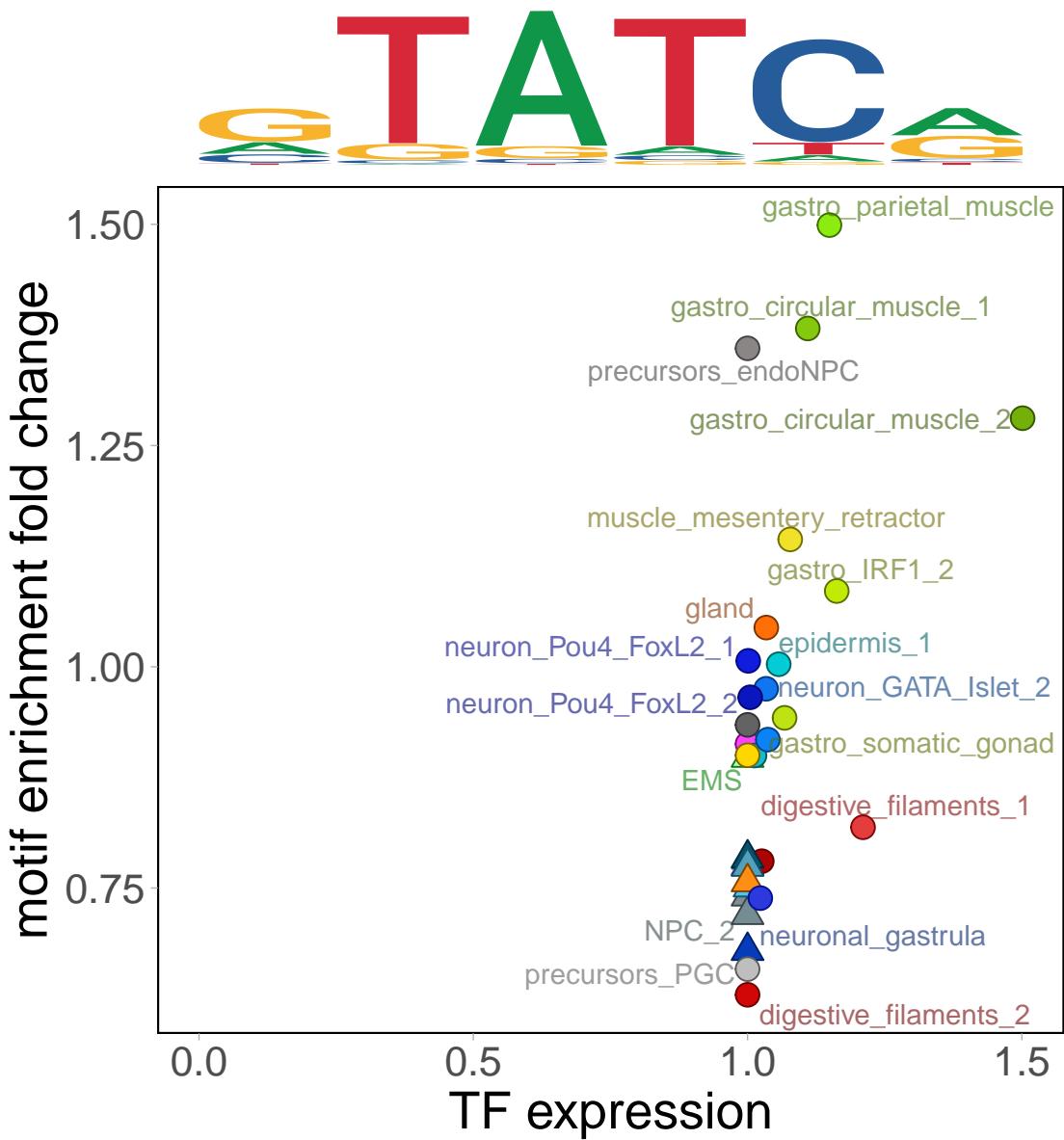
Nvec_vc1.1_XM_032379152.2
OG: Forkhead.HG1.13:like:FOXN1/FOX
PFAM: Forkhead
motif: ARCH971_Foxc2/Foxc1_Foxd2/F.
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 62
gene expression correlation: 0.1194
gene score correlation: 0.2768



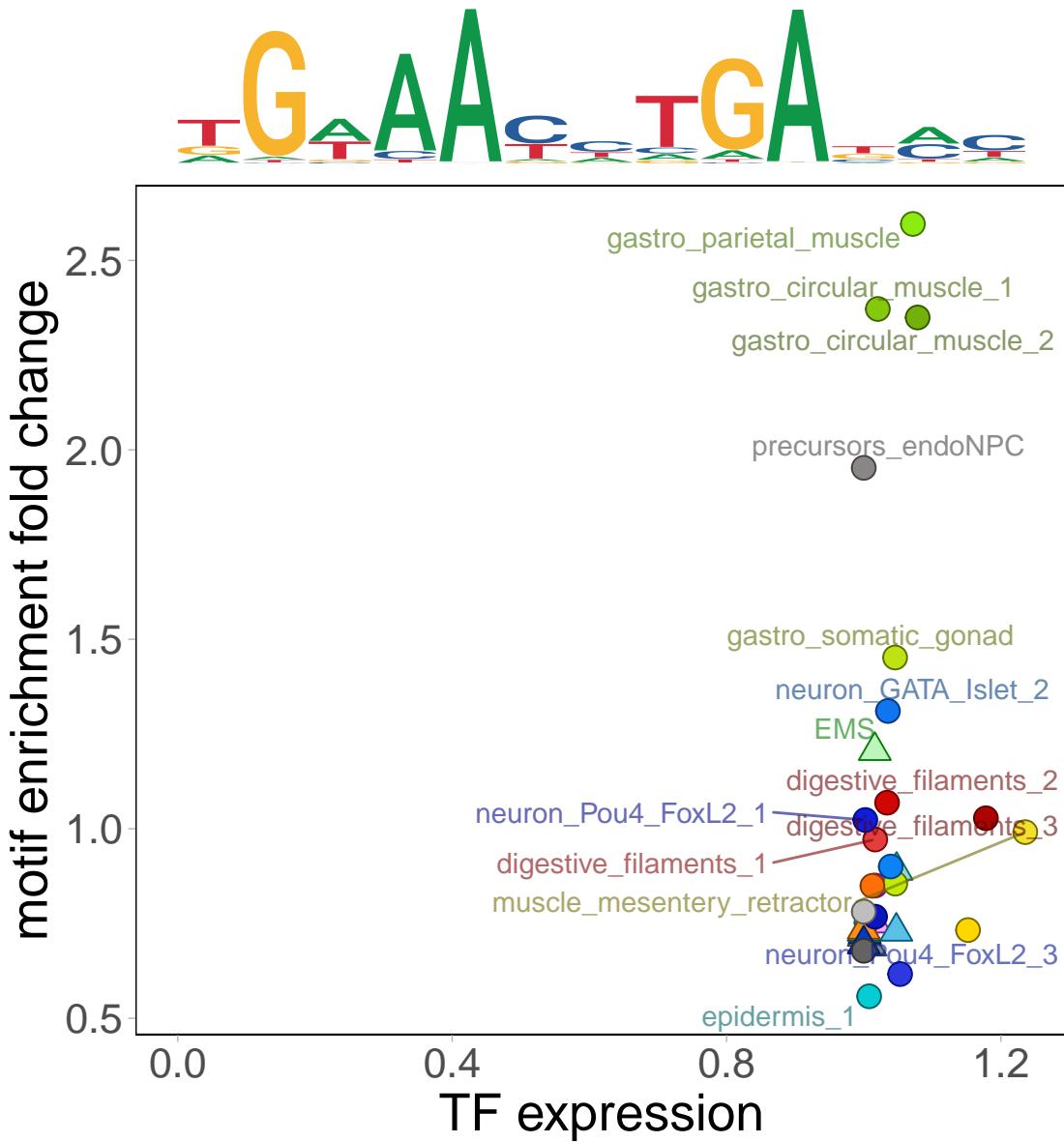
Nvec_vc1.1_XM_032379347.2
OG: Homeodomains.HG2.29:PAX4/PAX
PFAM: PAX/Homeodomain
motif: ARCH63_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: TRUE
rank: 432
gene expression correlation: -0.0306
gene score correlation: 0.1651



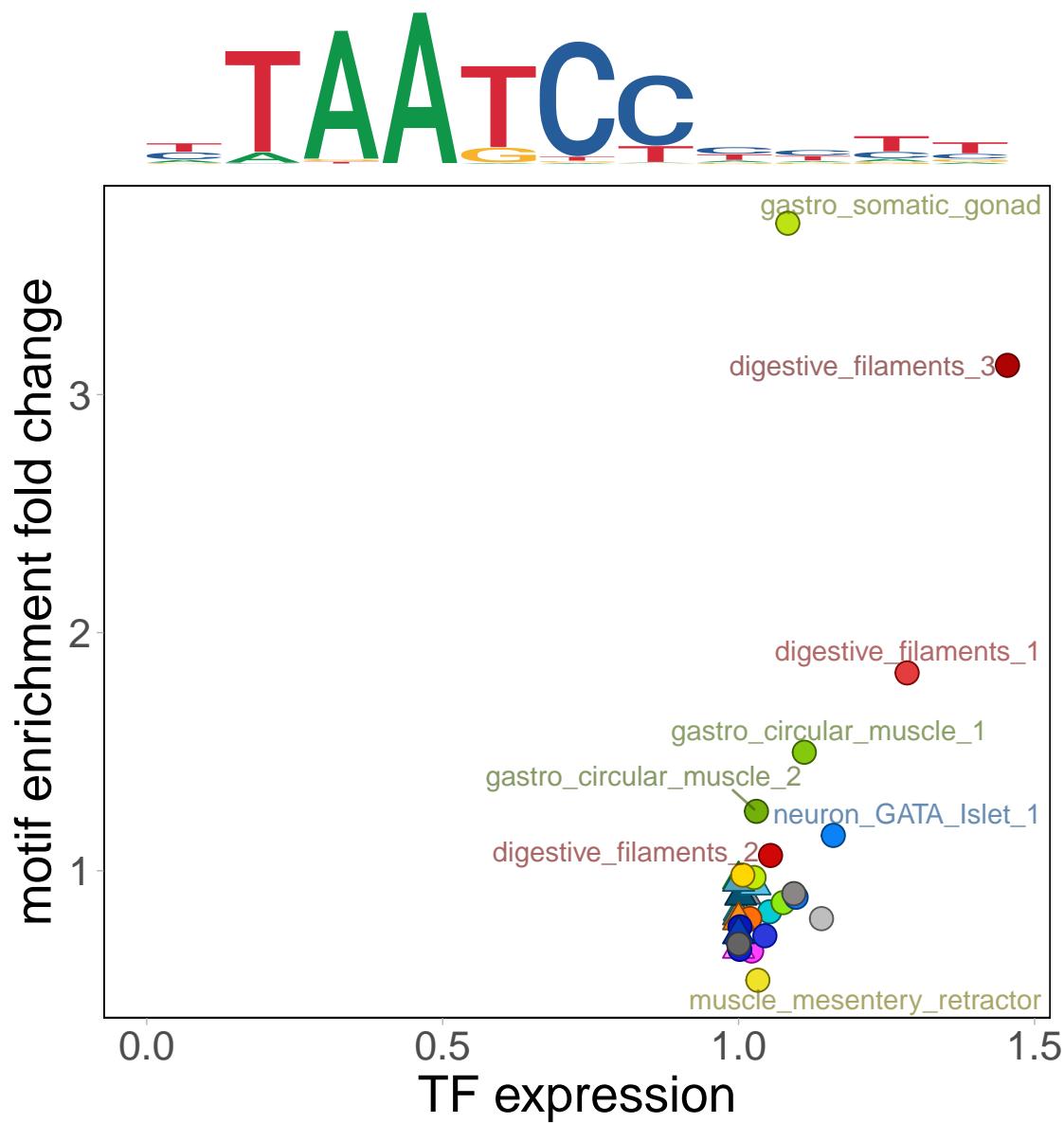
Nvec_vc1.1_XM_032379348.2
OG: Homeodomains.HG2.72:like:DMB
PFAM: Homeodomain
motif: ARCH636_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 26
gene expression correlation: 0.5095
gene score correlation: 0.3626



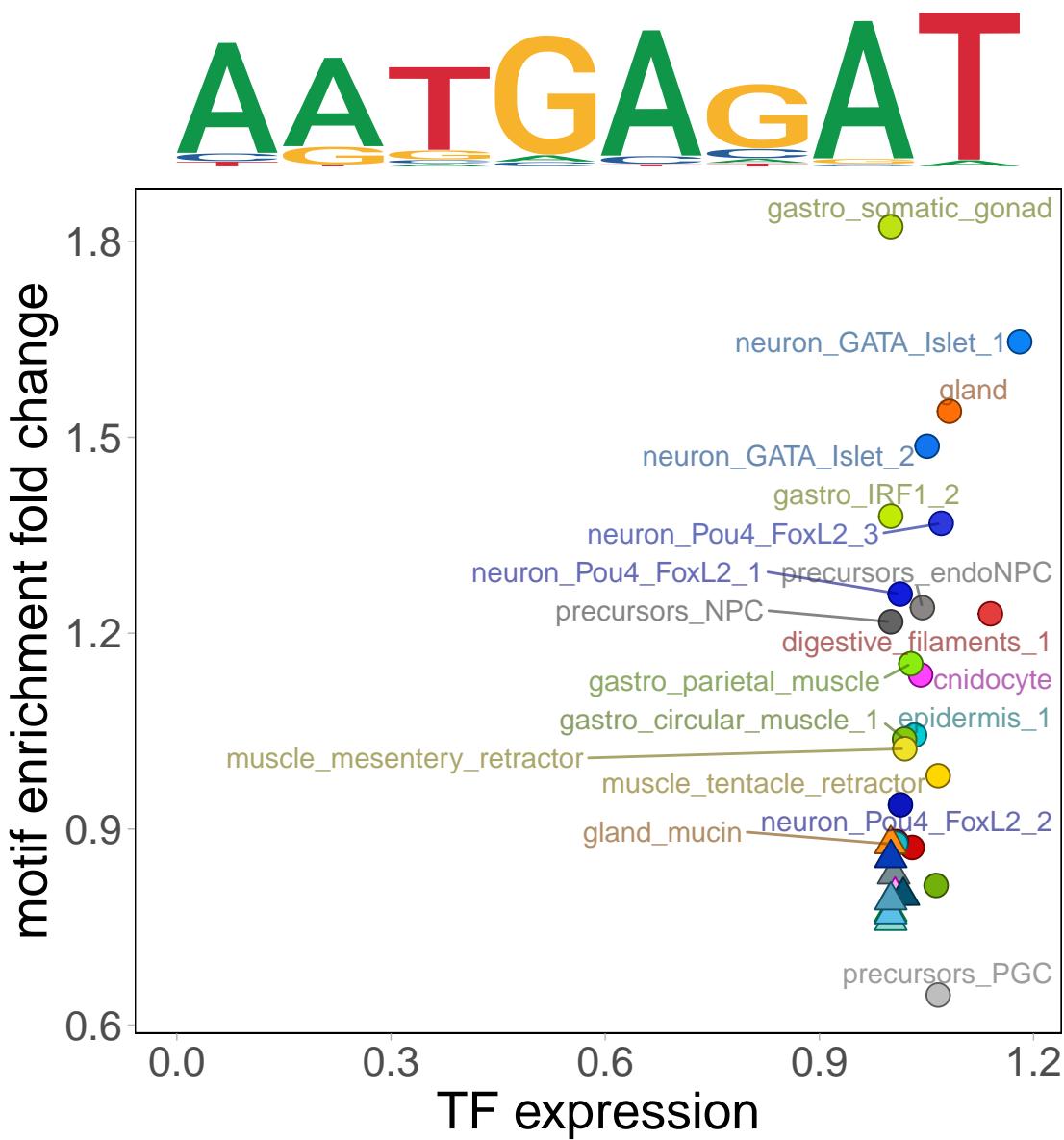
Nvec_vc1.1_XM_032379398.2
OG: Homeodomains.HG2.75:DMBX1
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 37
gene expression correlation: 0.1414
gene score correlation: 0.3225



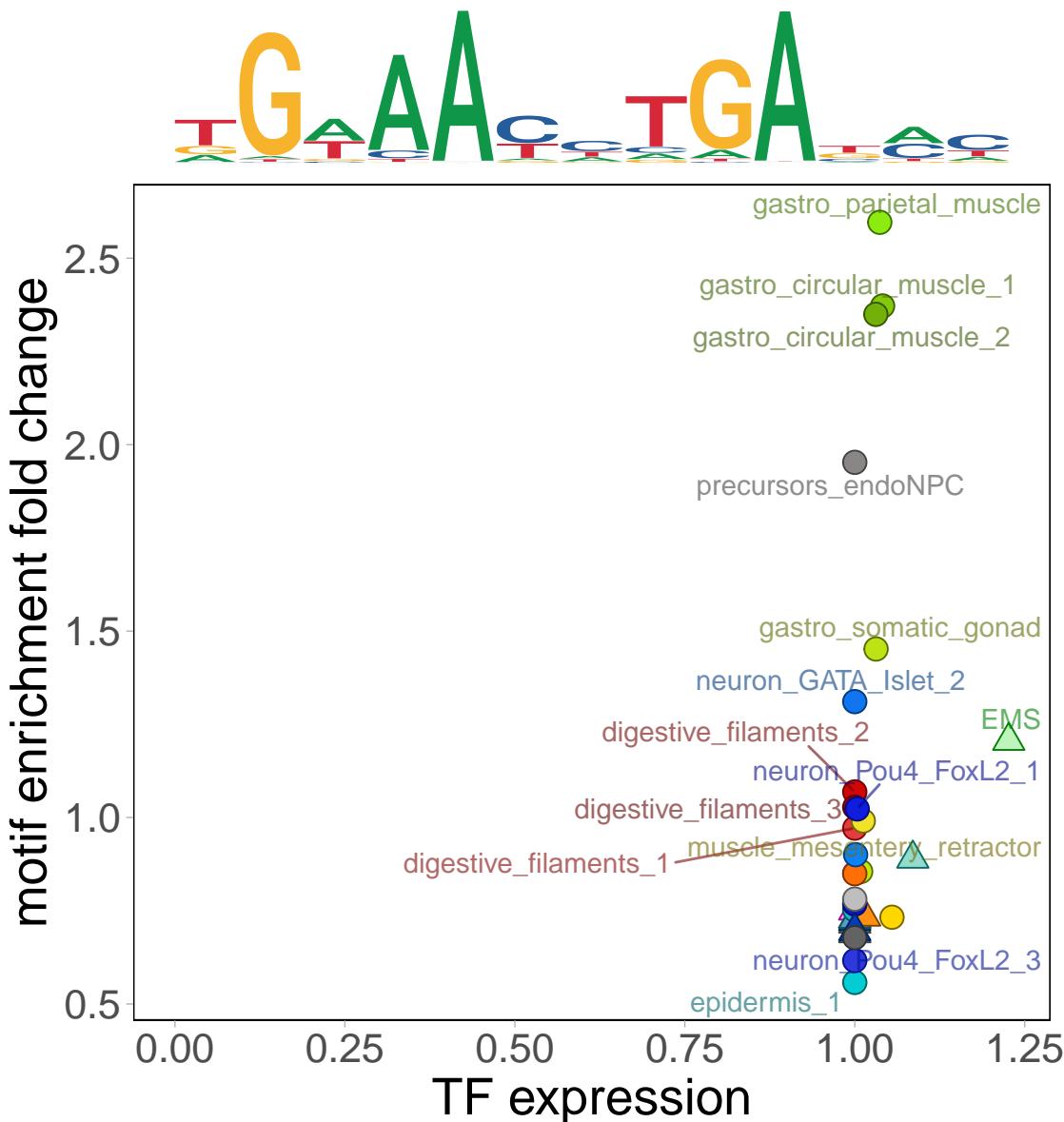
Nvec_vc1.1_XM_032379400.2
OG: Homeodomains.HG2.76:like:DMBX
PFAM: Homeodomain
motif: ARCH1440_Dmbx1_Gsc2/Gsc//C
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.6494
gene score correlation: 0.4108



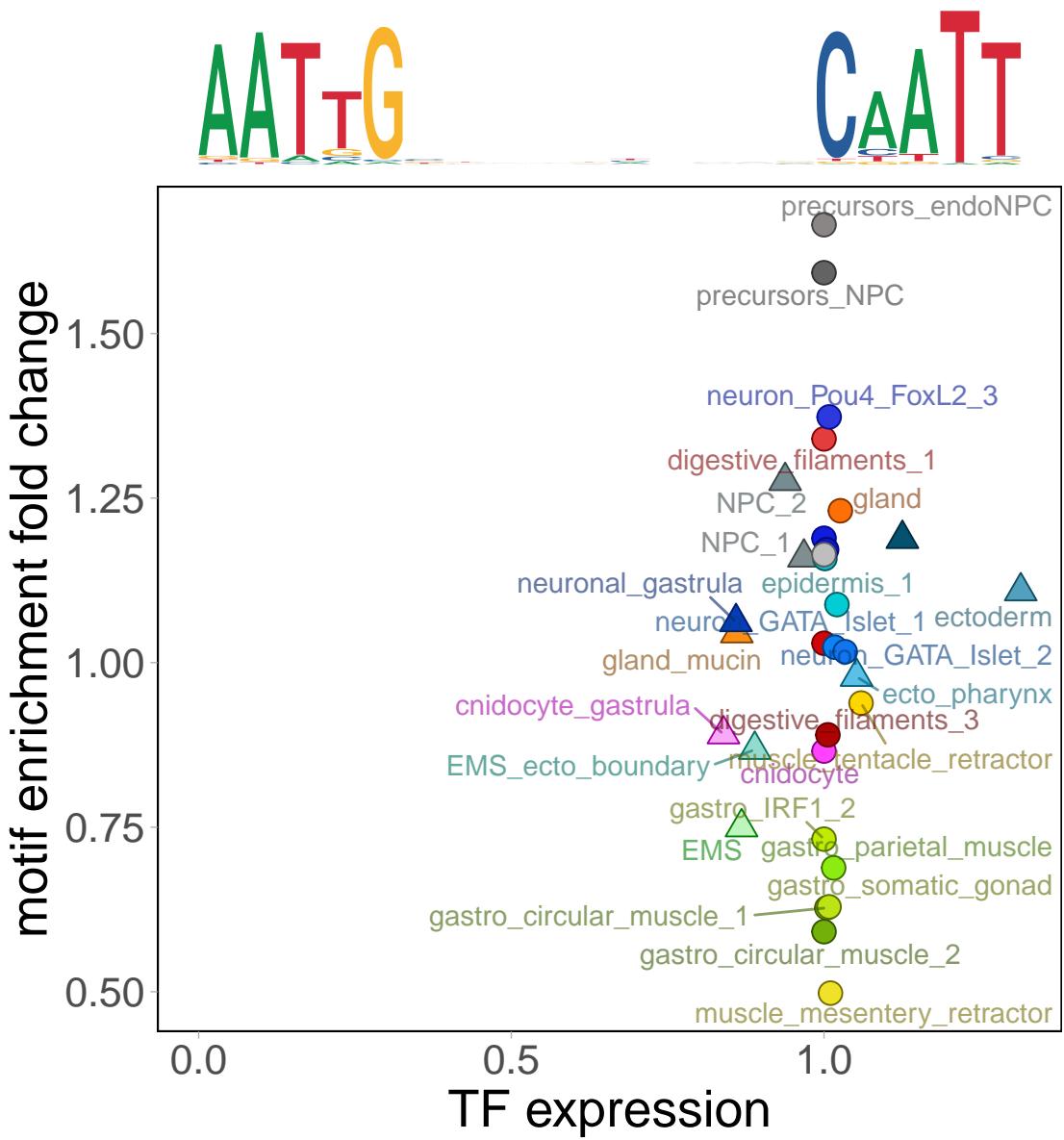
Nvec_vc1.1_XM_032379457.2
OG: Homeodomains.HG4.2:POU1F1
PFAM: Pou/Homeodomain
motif: ARCH950_POU6F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 22
gene expression correlation: 0.4357
gene score correlation: 0.2242



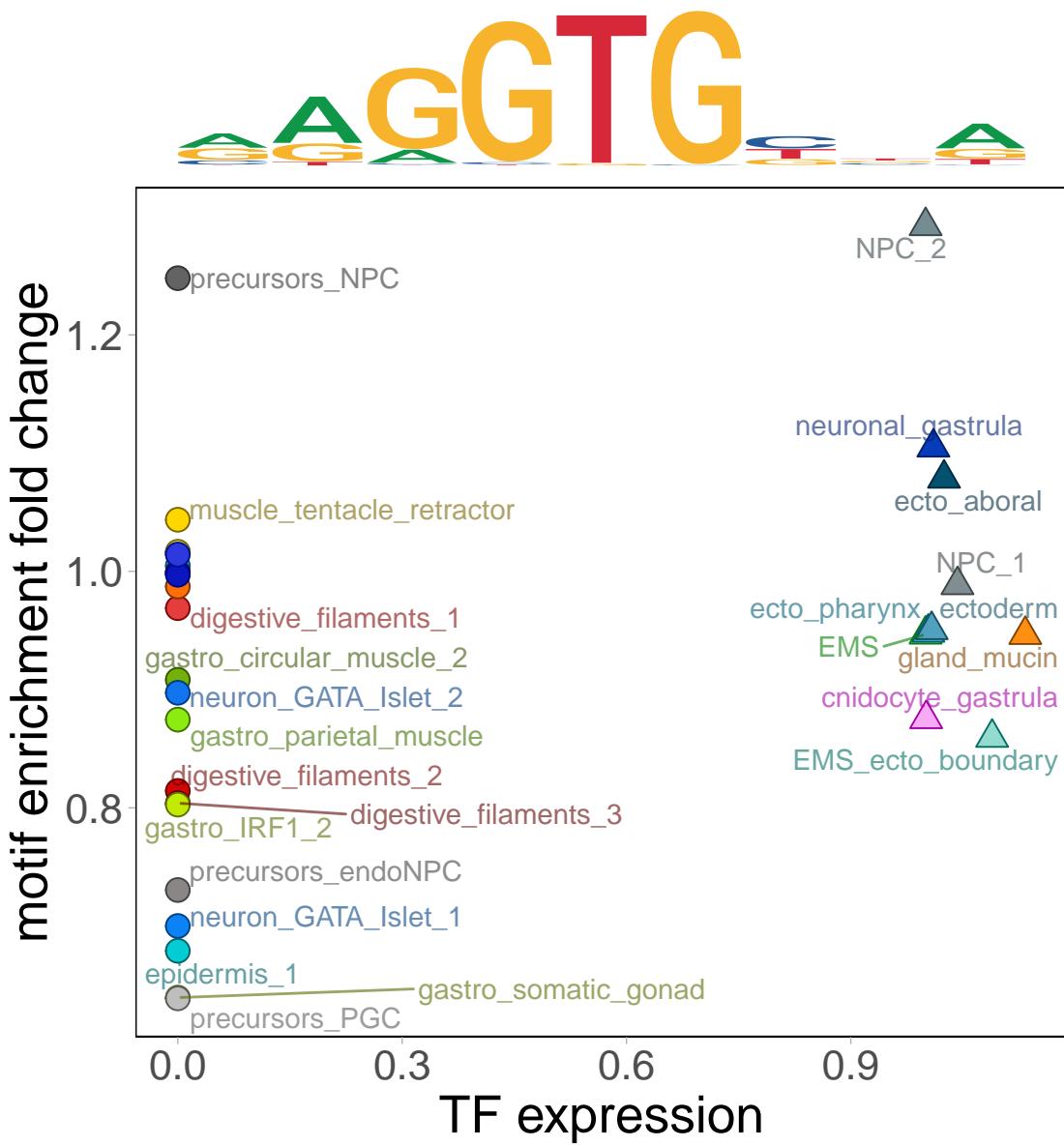
Nvec_vc1.1_XM_032379723.2
OG: Homeodomains.HG2.66:ALX1/ALX
PFAM: Homeodomain/OAR
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.2319
gene score correlation: 0.6289



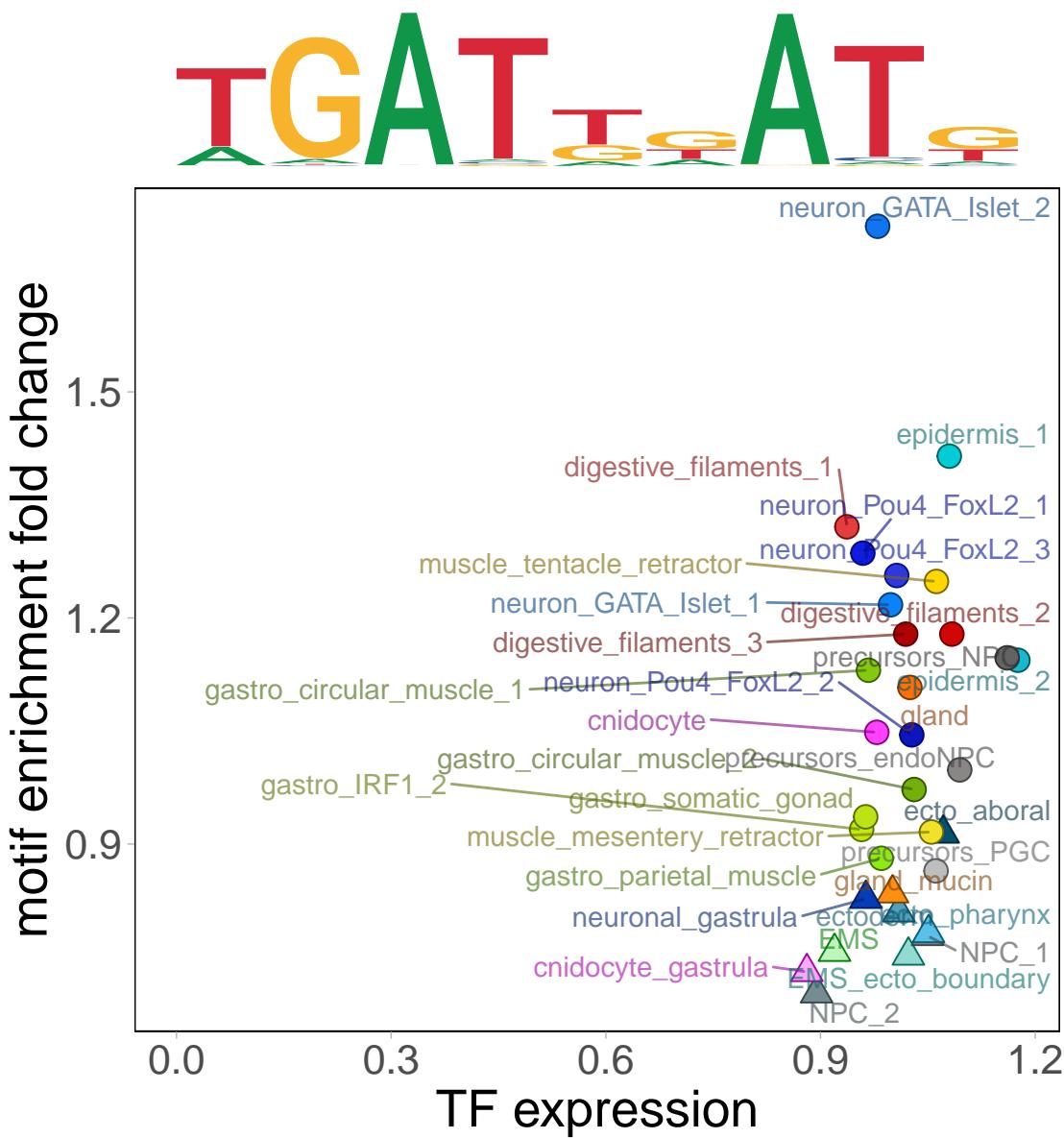
Nvec_vc1.1_XM_032380001.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH294_Emx1/Emx2_Hmx1/Hr
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1669
gene expression correlation: 0.1106
gene score correlation: -0.2068



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: 0.2979
gene score correlation: 0.2731



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: 0.2136
gene score correlation: 0.4072



Nvec_vc1.1_XM_032380334.2

OG: RFX.HG1.6:like:RFX6

PFAM: RFX_DNA_binding

motif: ARCH864_/Rfx5

TF family: RFX

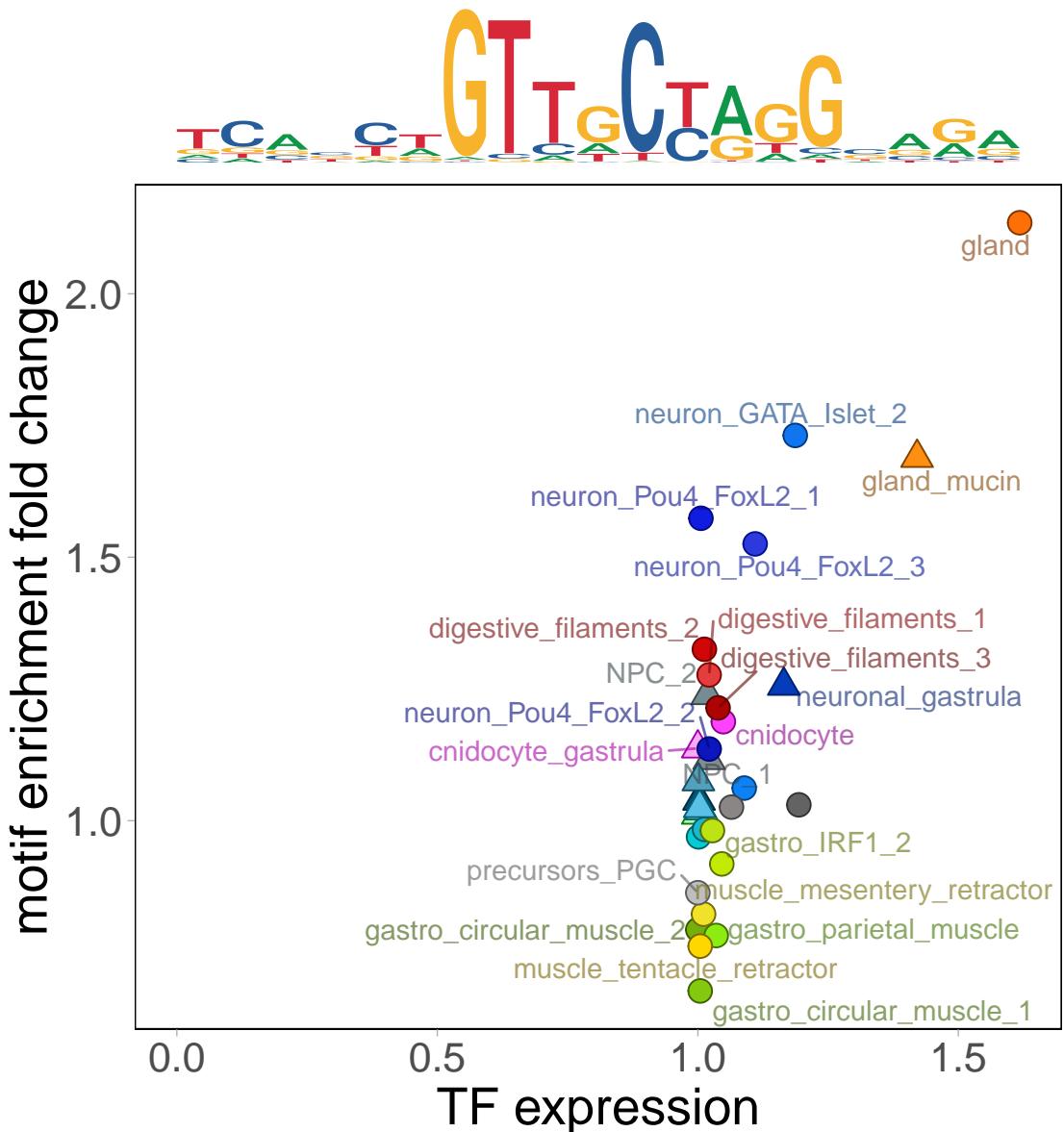
archetype family: RFX

CisBP assigned: FALSE

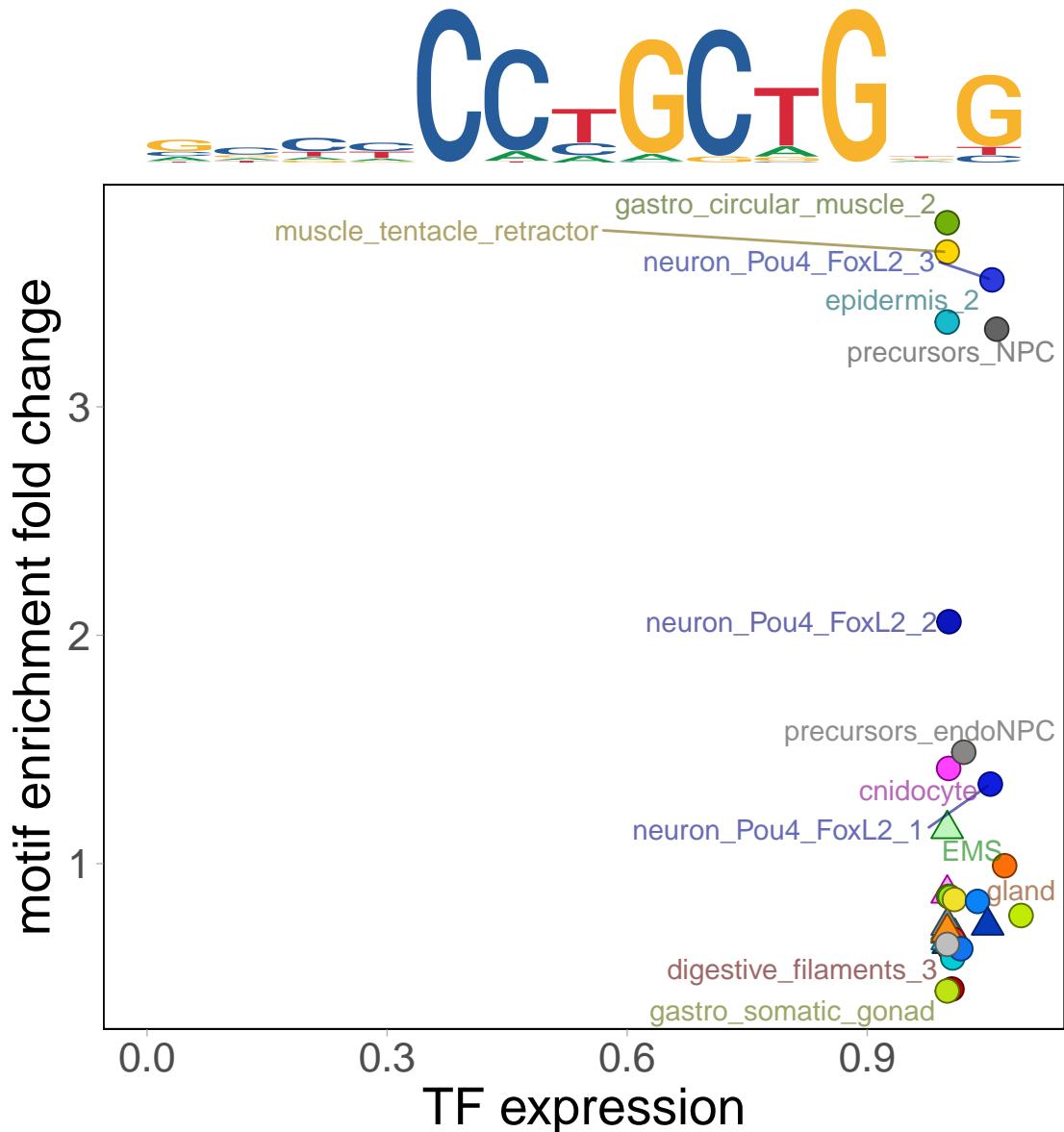
rank: 2

gene expression correlation: 0.7484

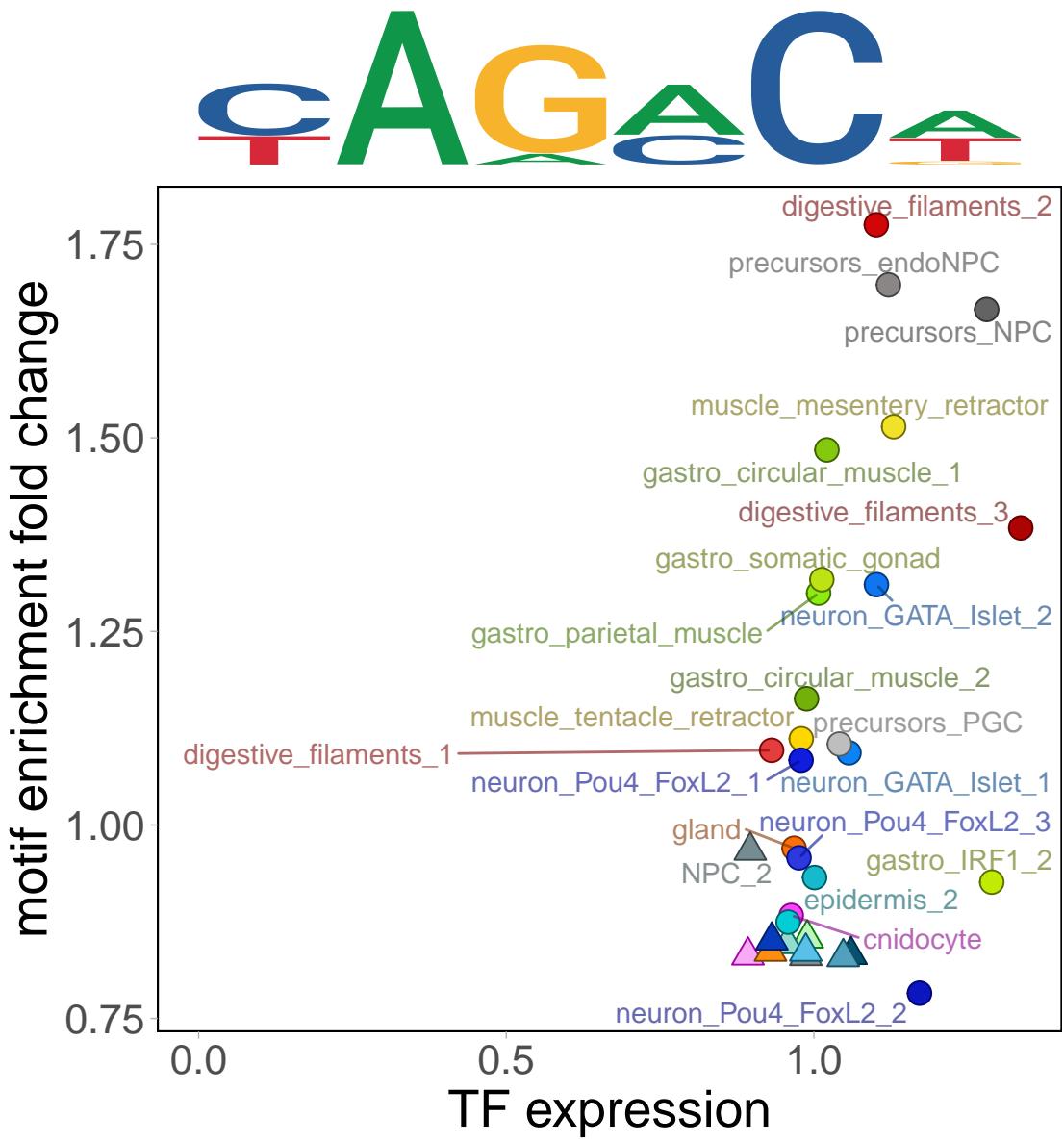
gene score correlation: 0.6525



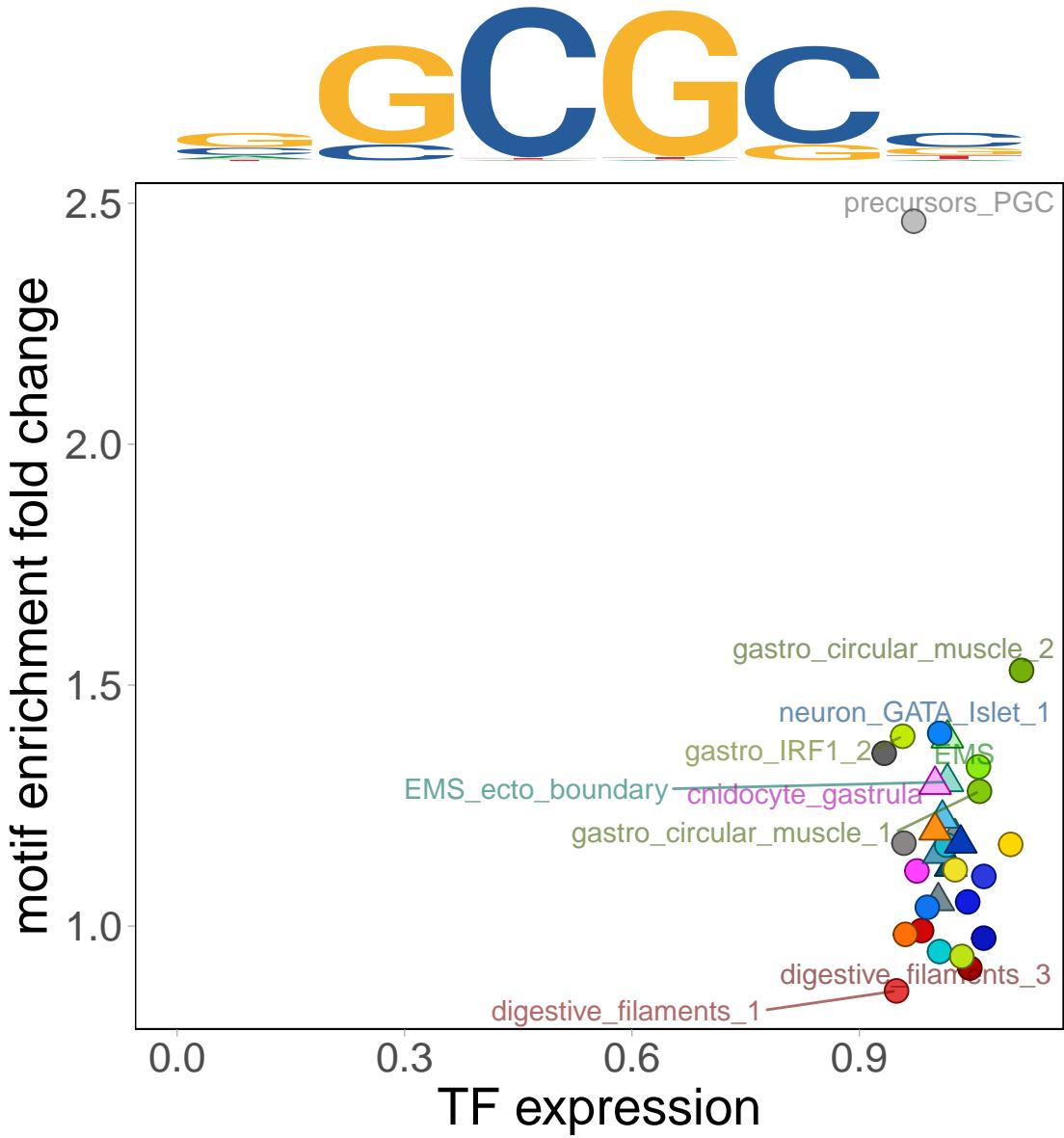
Nvec_vc1.1_XM_032380417.2
OG: zf-C2H2.HG2.2:like:MTF1/ZNF76/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH496_Zic3
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 18
gene expression correlation: 0.1374
gene score correlation: 0.1446



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: 0.4870
gene score correlation: 0.3613



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: -0.0676
gene score correlation: 0.2686



Nvec_vc1.1_XM_032380975.2

OG: Ets.HG1.5:ERF/ERFL/ERG/ETV3/B

PFAM: SAM PNT/Ets

motif: ARCH584_Elf3/Ehf/Elf5_Erg/F...

TF family: Ets

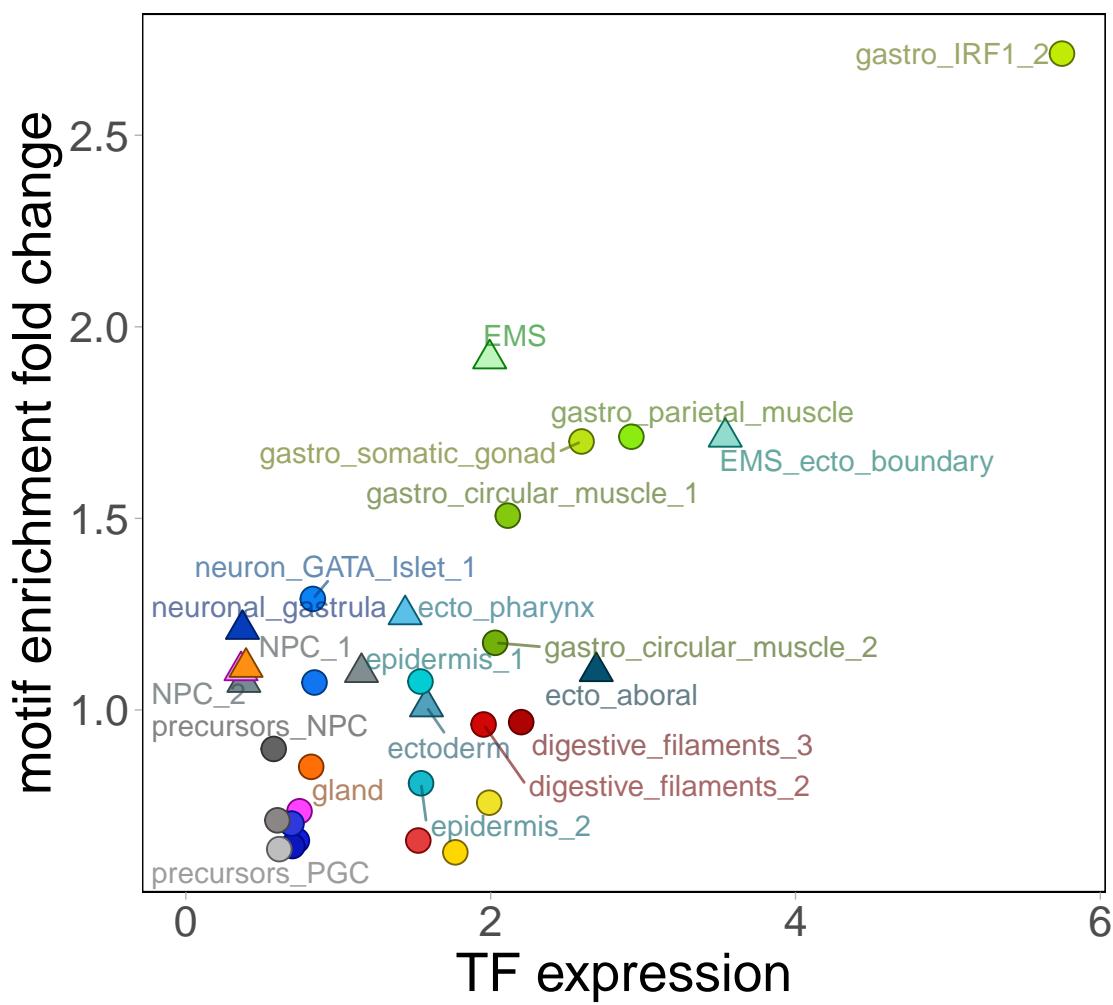
archetype family: Ets

CisBP assigned: TRUE

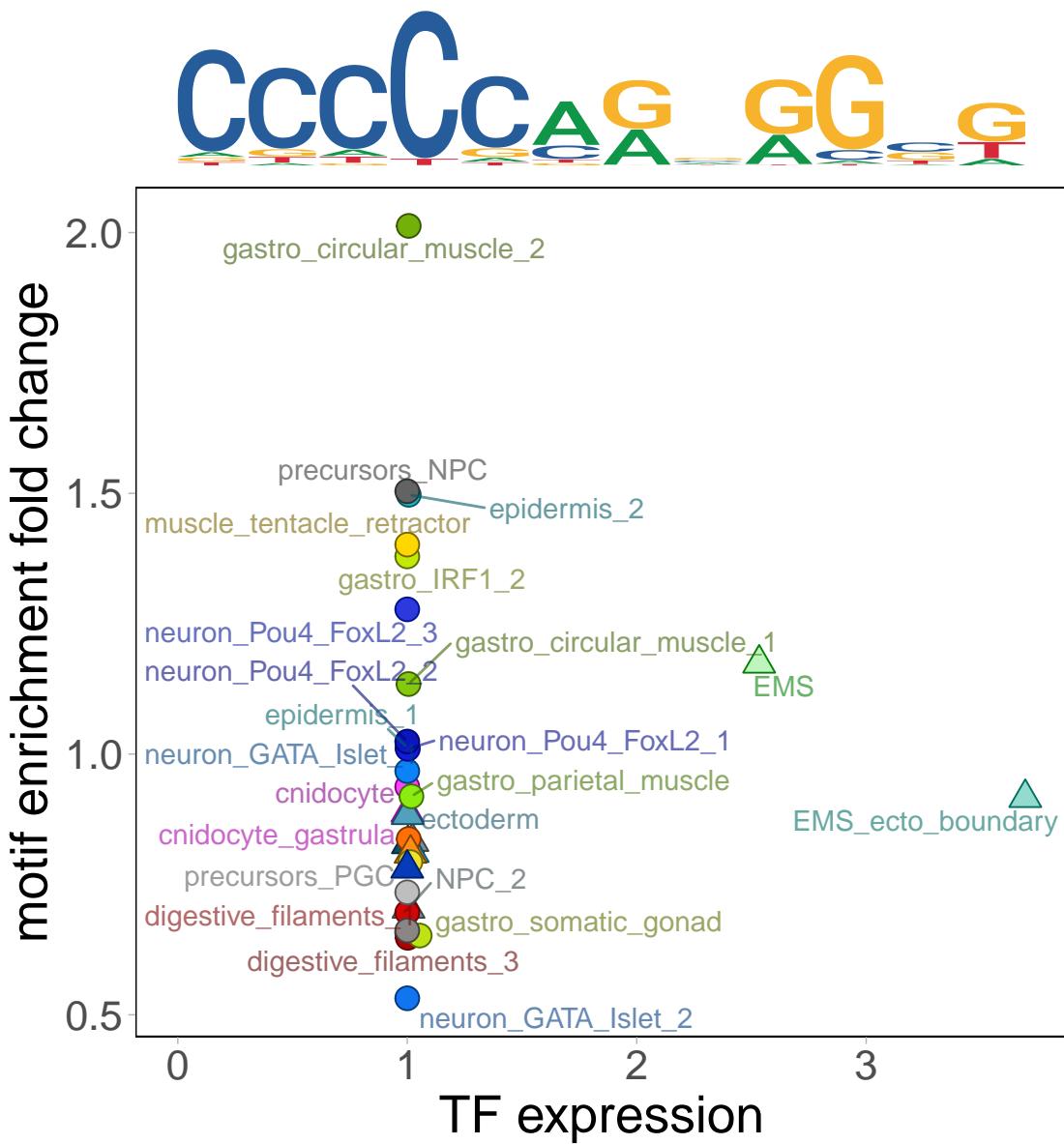
rank: 162

gene expression correlation: 0.7475

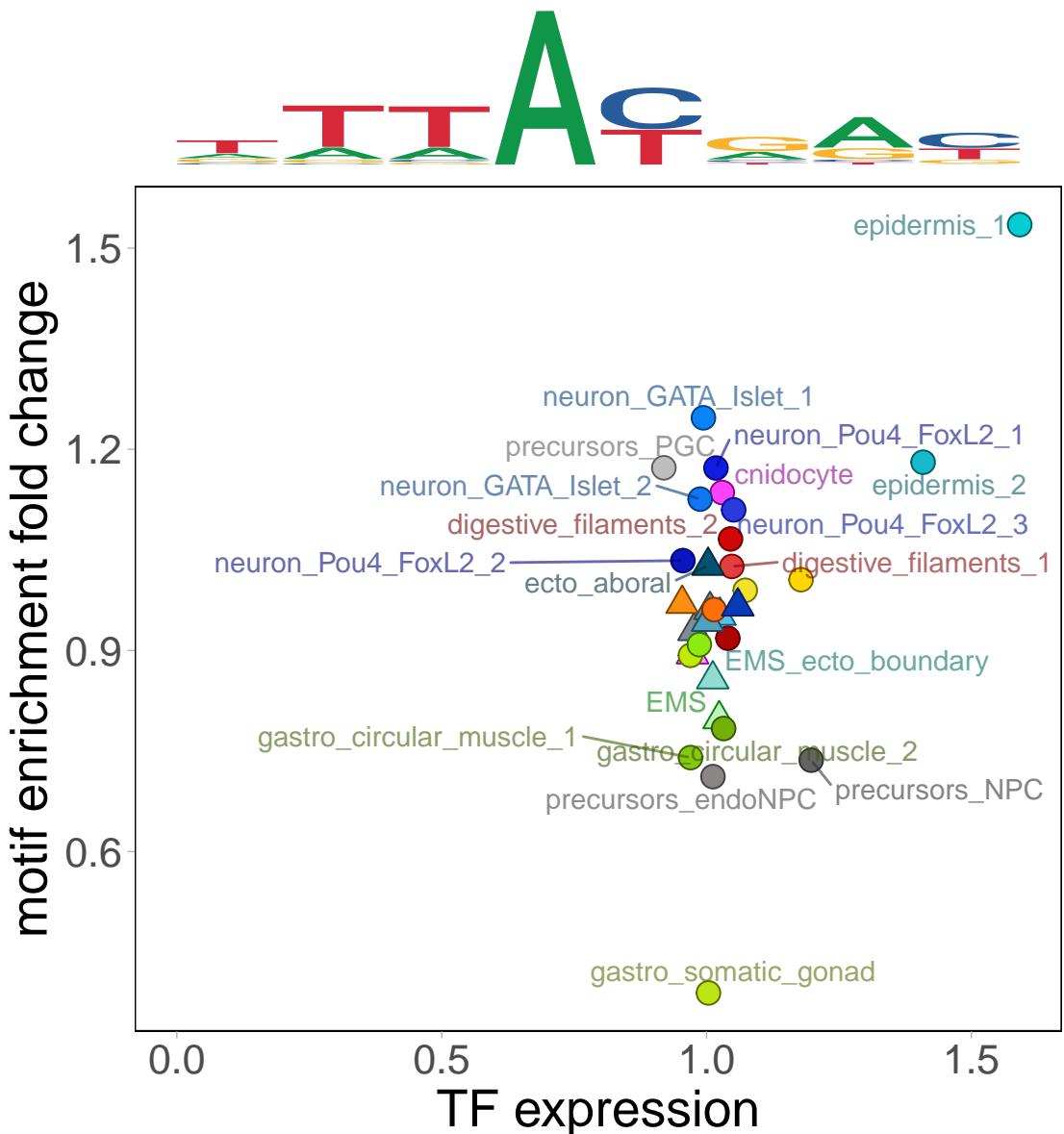
gene score correlation: 0.4405



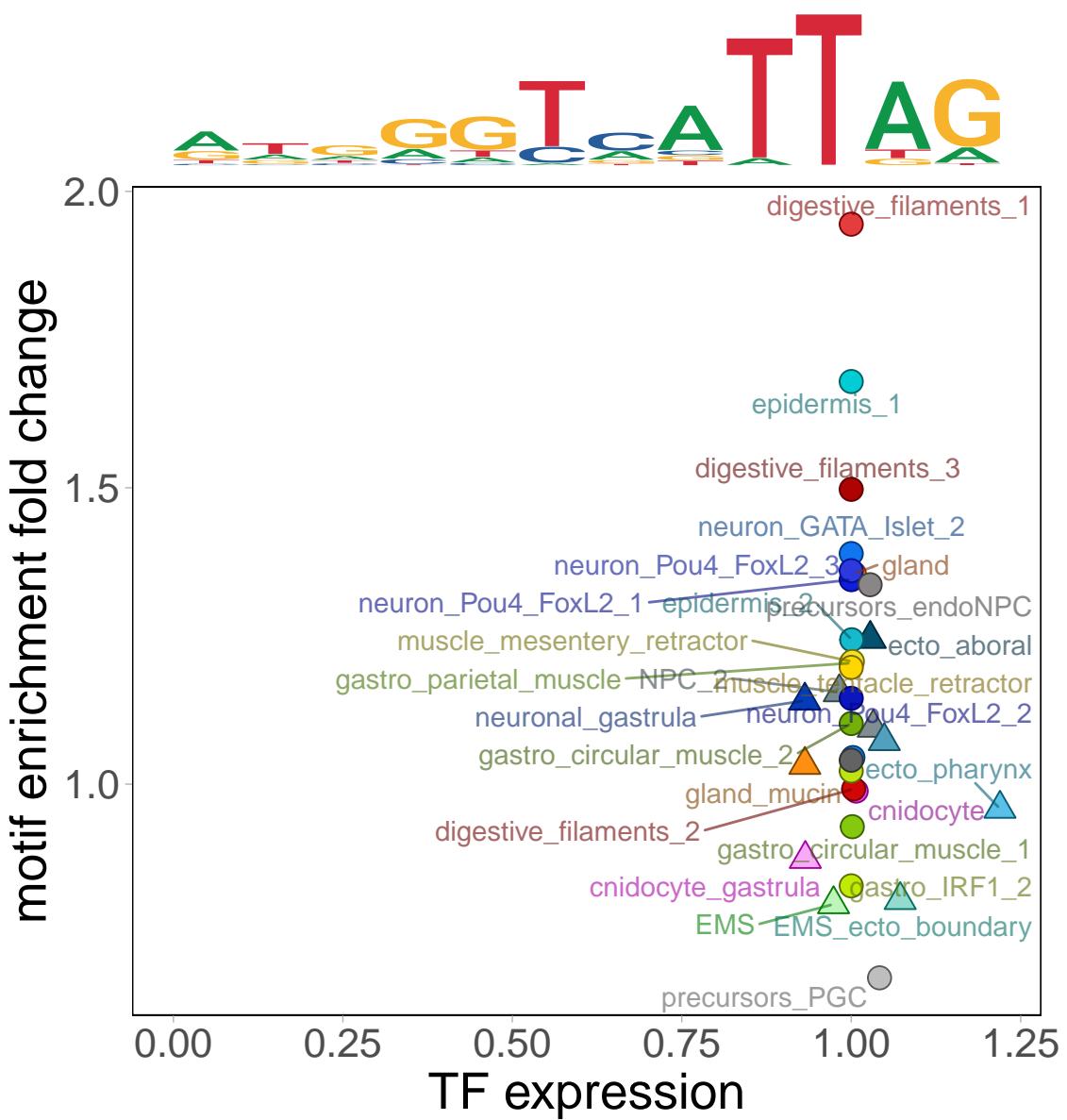
Nvec_vc1.1_XM_032381020.2
OG: zf-C2H2.HG4.7:like:ZIC1/ZIC2/ZIC
PFAM: zf_ZIC/zf-C2H2/zf-C2H2
motif: ARCH386_PB0102.1_Zic2_1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 104
gene expression correlation: 0.0305
gene score correlation: 0.3261



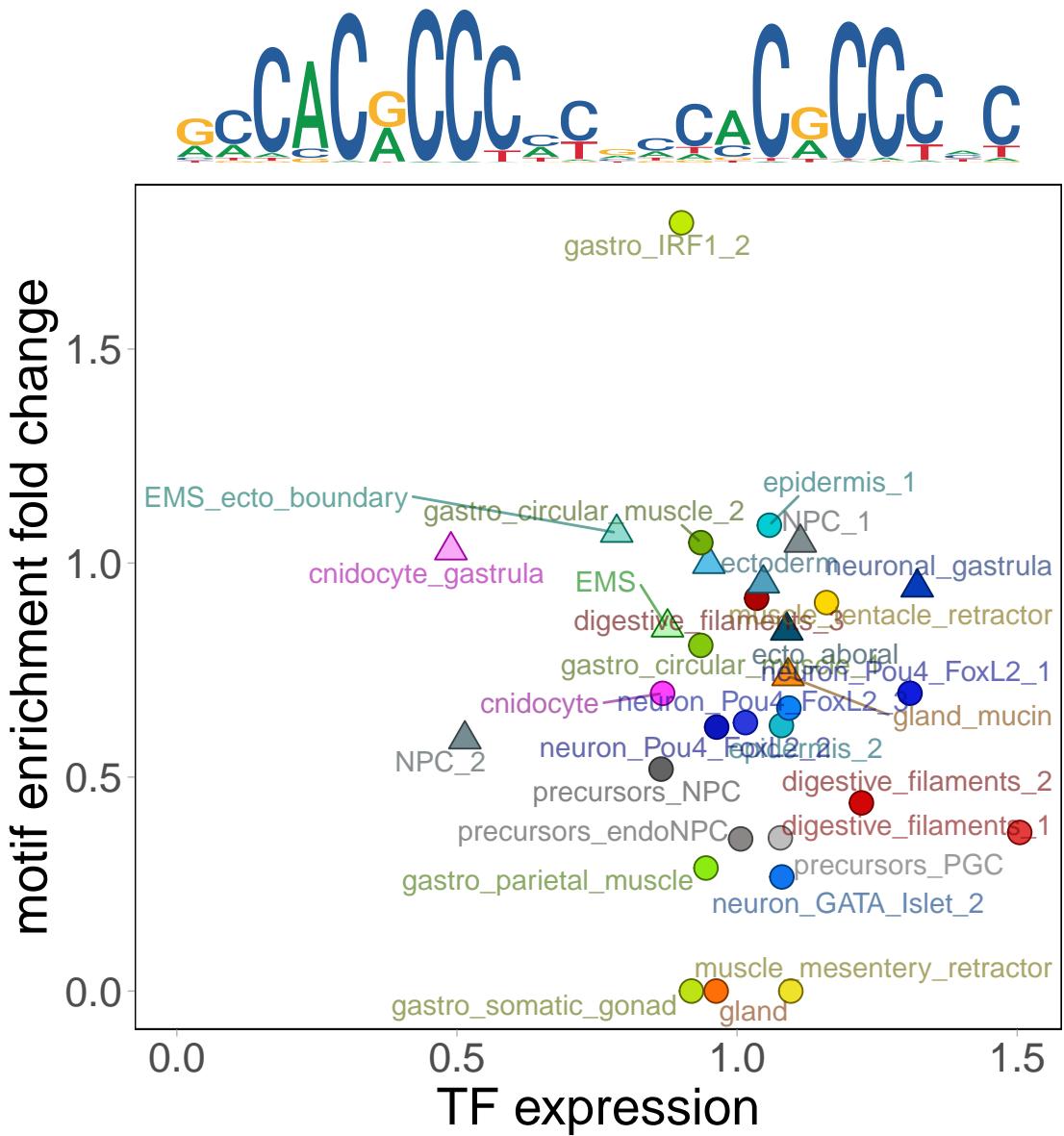
Nvec_vc1.1_XM_032381059.2
OG: Homeodomains.HG3.2:CERS2/CE
PFAM: Homeodomain/TRAM_LAG1_CL
motif: ARCH1315_M05248_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.4532
gene score correlation: 0.3597



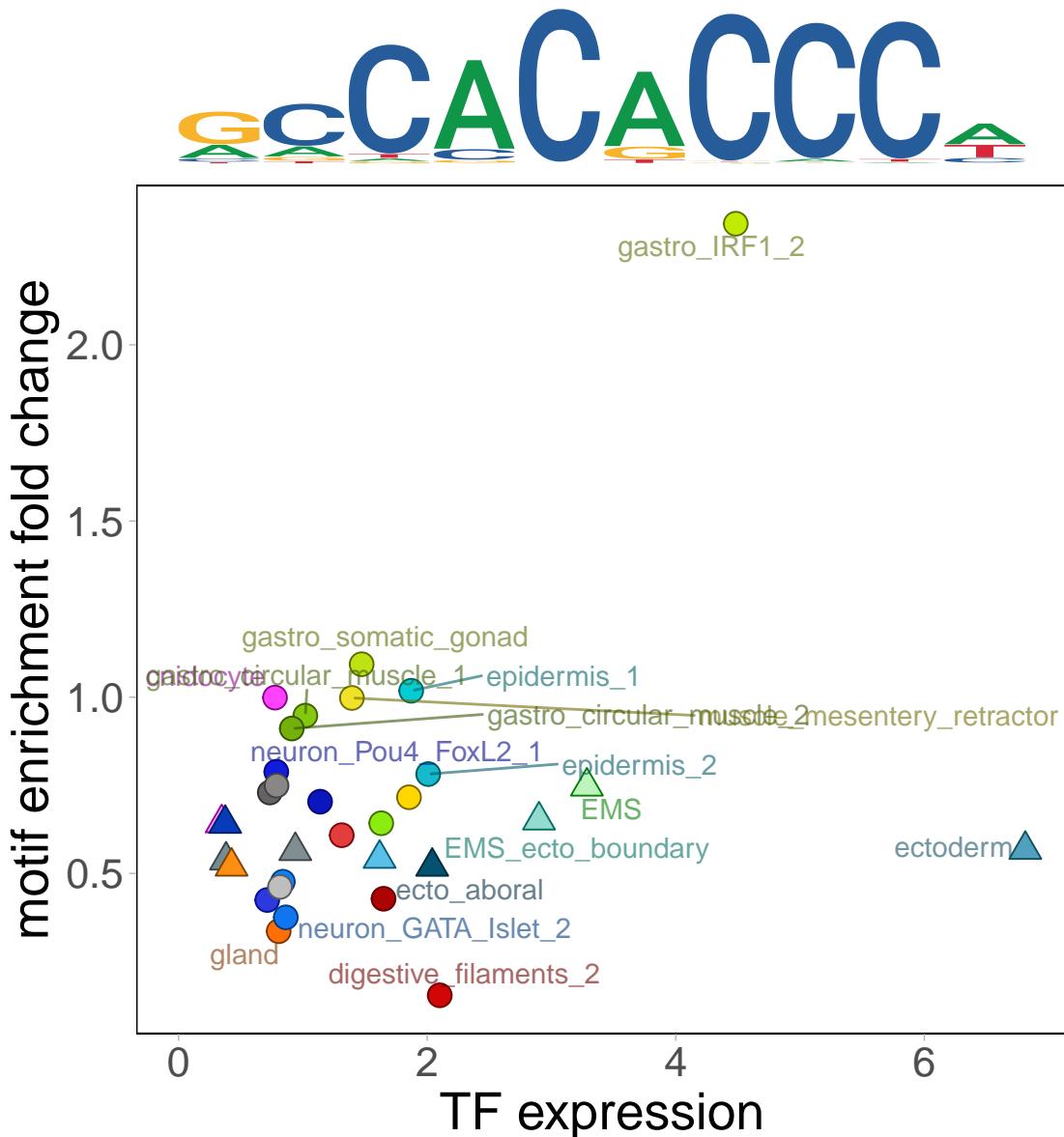
Nvec_vc1.1_XM_032381099.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 65
gene expression correlation: -0.1231
gene score correlation: -0.3471



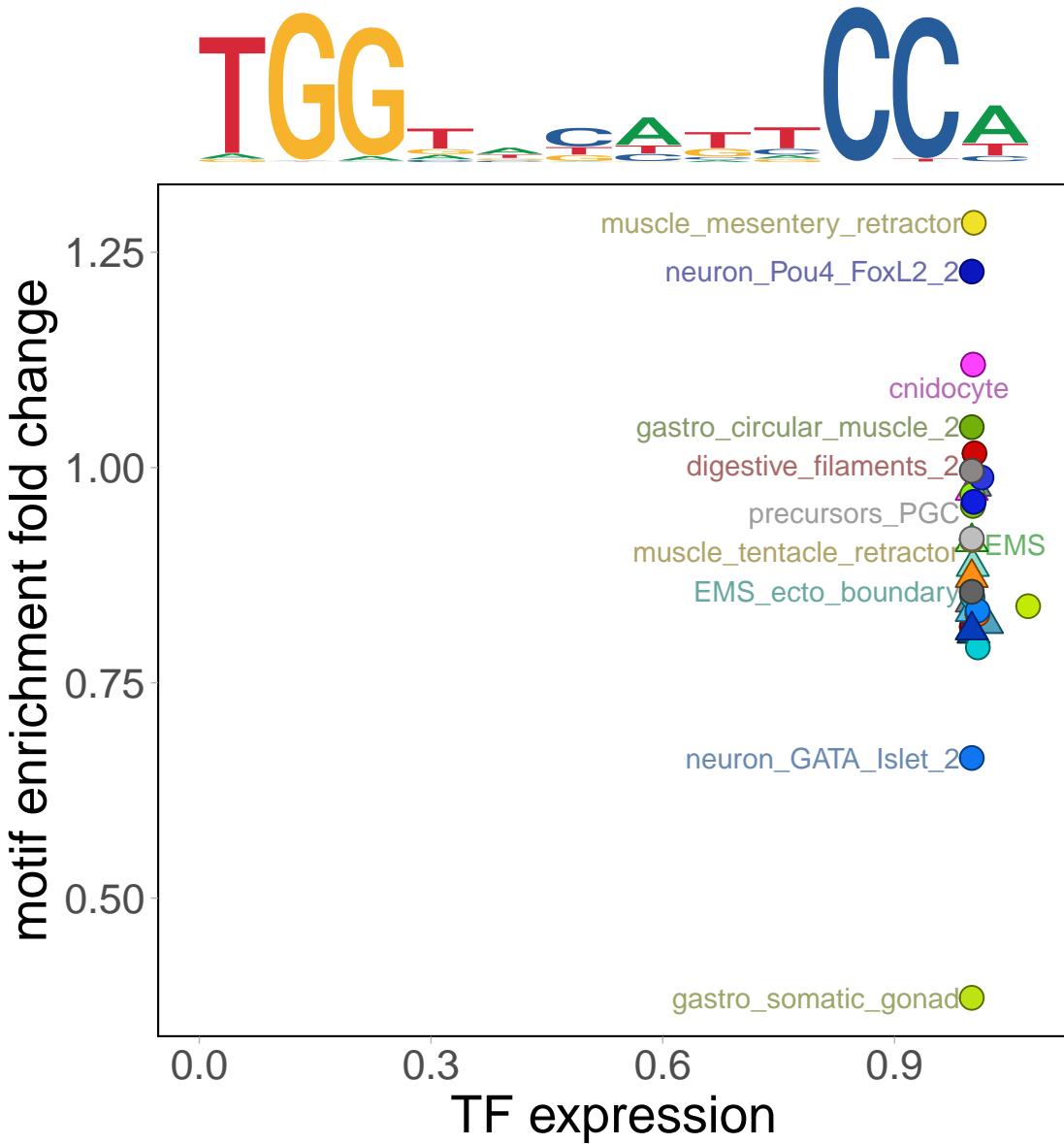
Nvec_vc1.1_XM_032381562.2
OG: zf-C2H2.HG2.18:like:KLF5/KLF6/K
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH347_Klf1/Klf4/Klf2_Klf1...
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 411
gene expression correlation: -0.1649
gene score correlation: 0.2248



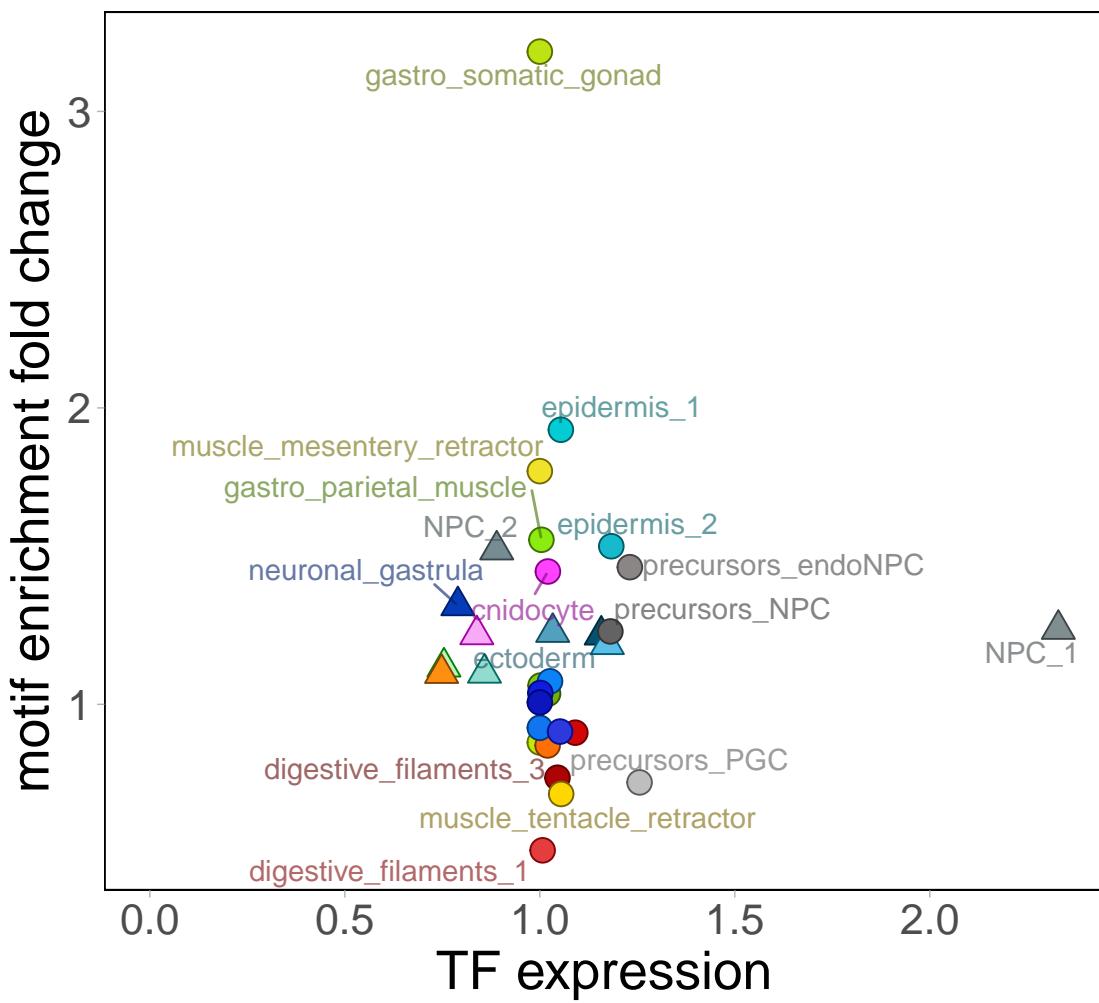
Nvec_vc1.1_XM_032381586.2
OG: zf-C2H2.HG2.21:KLF5
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH346_Klf1/Klf4/Klf2_Klf1...
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 448
gene expression correlation: 0.3204
gene score correlation: 0.2087



Nvec_vc1.1_XM_032381617.2
OG: Doublesex_DM.HG1.18:like:DMRT
PFAM: DM
motif: ARCH626_PRDM10
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: FALSE
rank: 475
gene expression correlation: -0.0737
gene score correlation: -0.1155



Nvec_vc1.1_XM_032381869.2
OG: HLH.HG1.64:like:ASCL1/ASCL2/A
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 31
gene expression correlation: -0.0039
gene score correlation: 0.1909



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

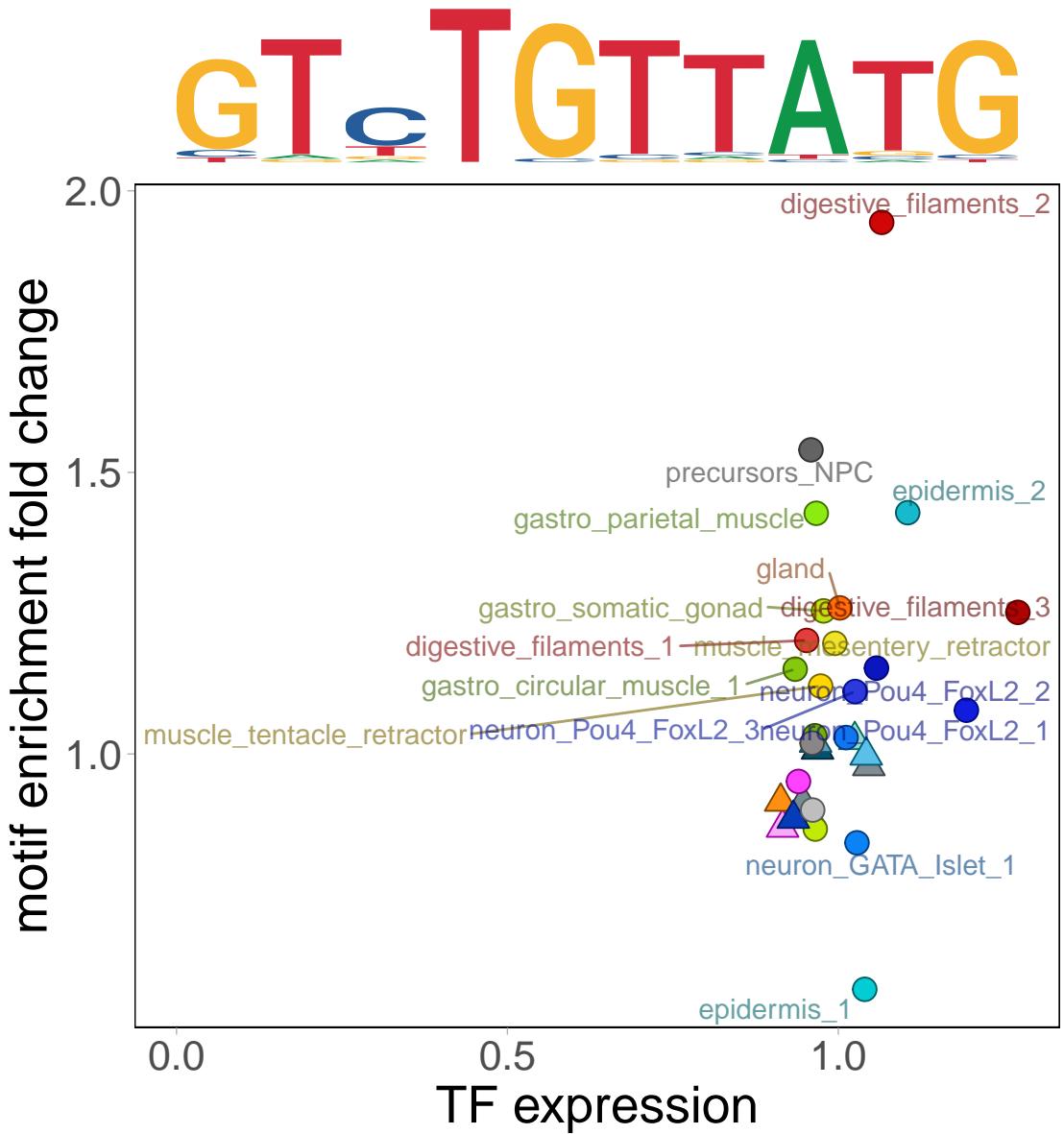
archetype family: Myb

CisBP assigned: FALSE

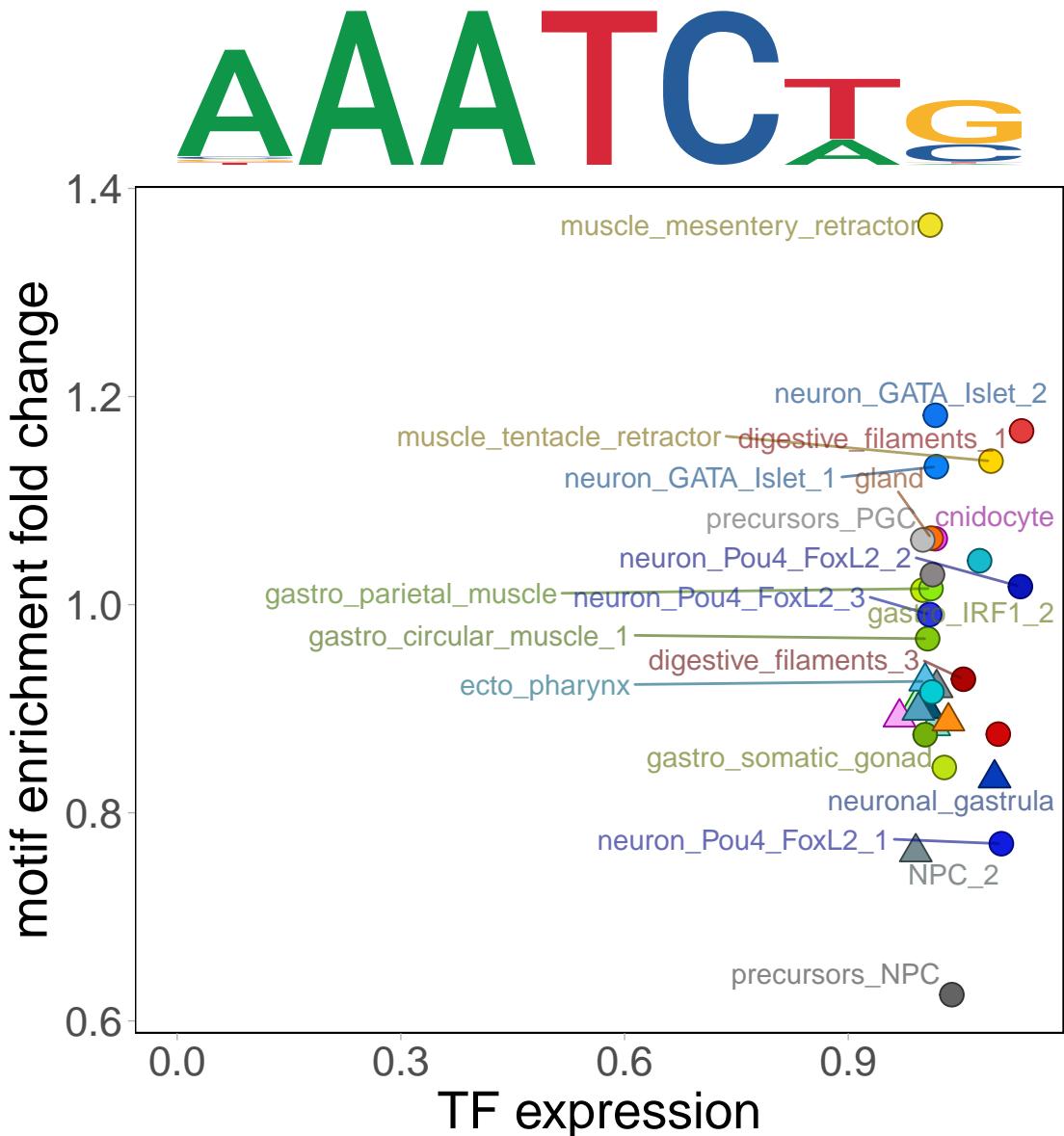
rank: 208

gene expression correlation: 0.2578

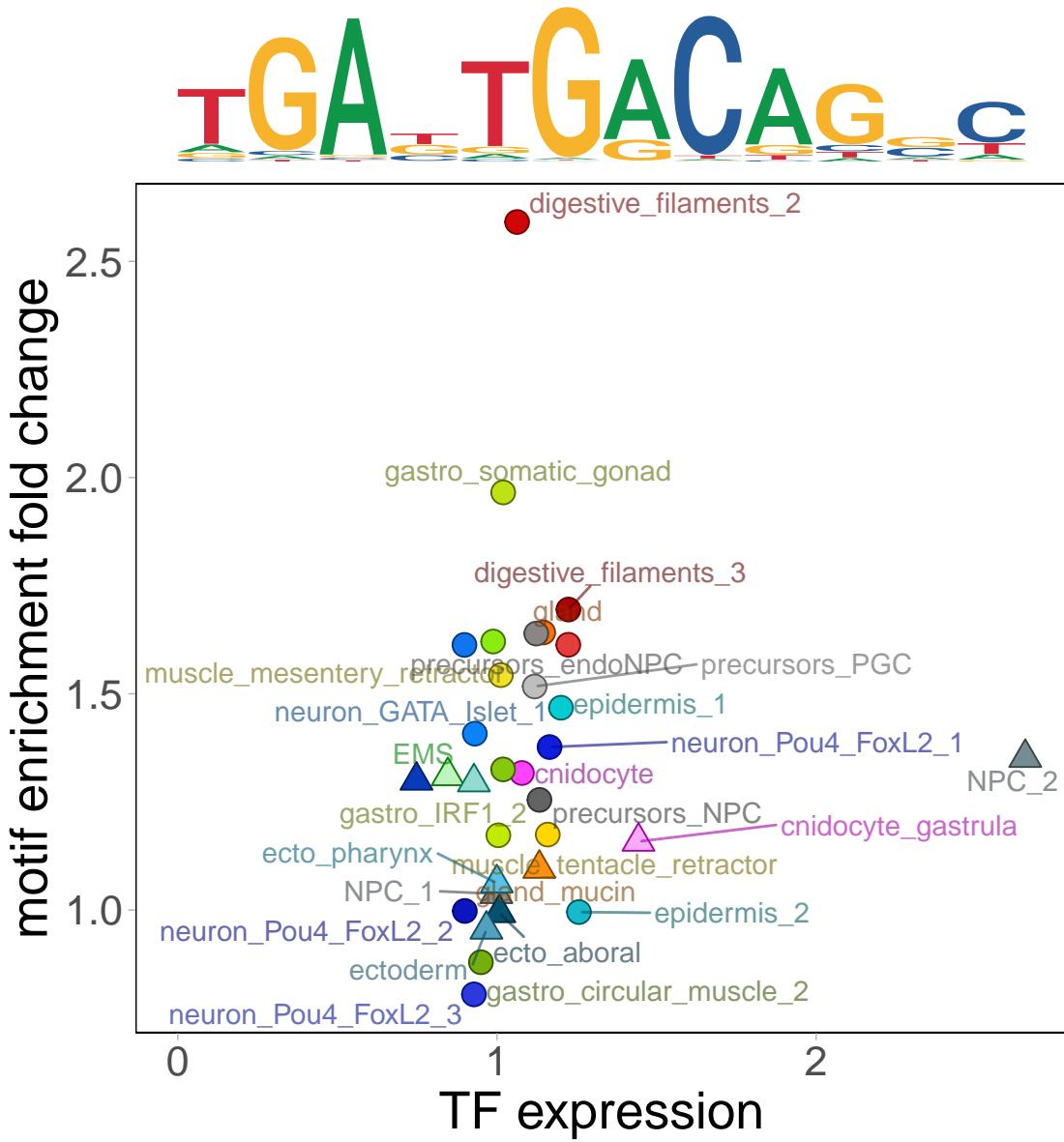
gene score correlation: 0.0601



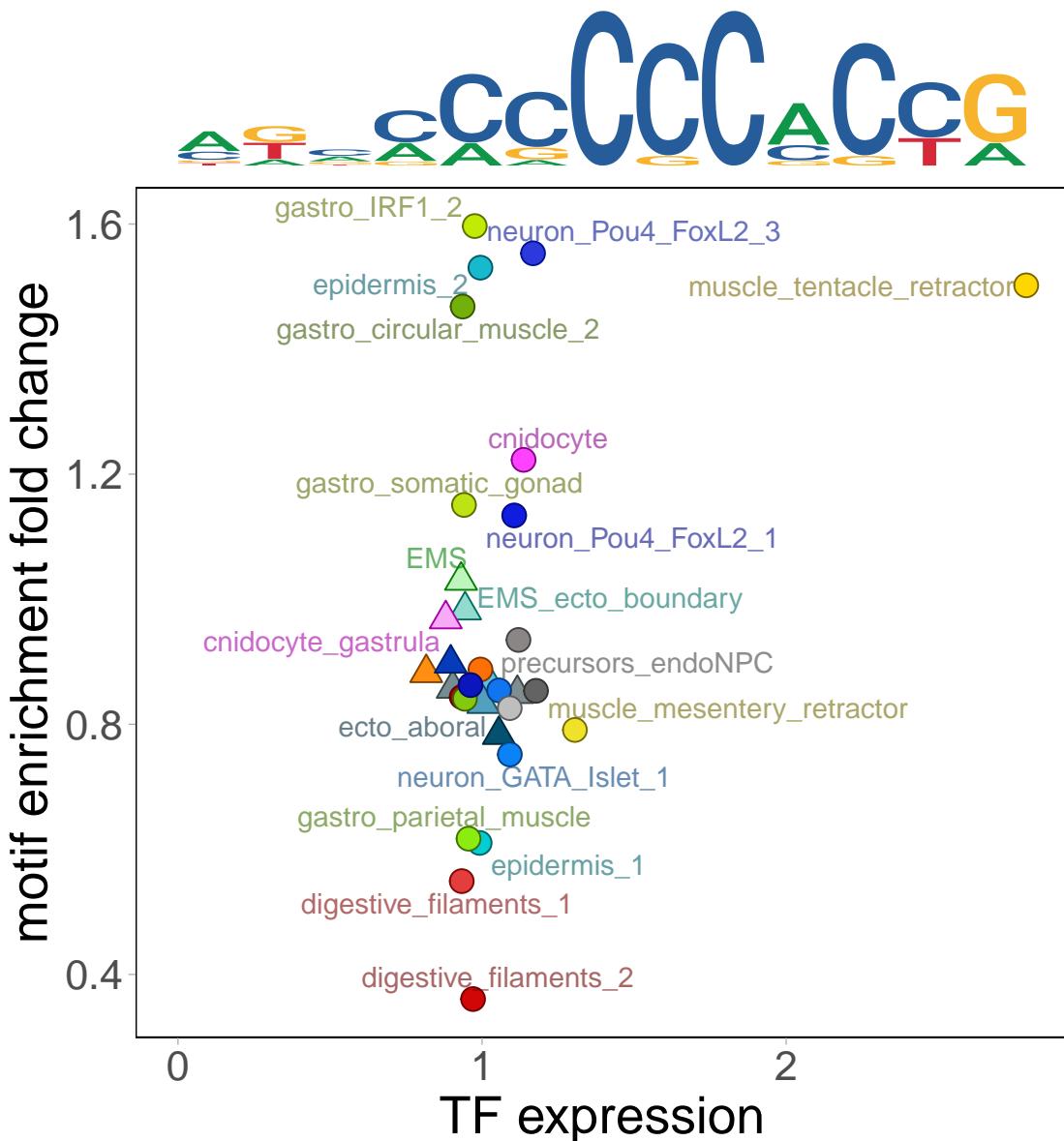
Nvec_vc1.1_XM_032382208.2
OG: zf-C2H2.HG94.0:NA
PFAM: zf-C2H2/zf-C2H2_4/zf-C2H2/zf-C2H2_3
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.0421
gene score correlation: 0.4140



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: 0.0589
gene score correlation: 0.1453



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: 0.3358
gene score correlation: 0.5820



Nvec_vc1.1_XM_032382466.2

OG: bZIP.HG2.5:CEBPA/CEBPB/CEBP

PFAM: bZIP 2

motif: ARCH1605 Atf4/Atf5

TF family: bZIP

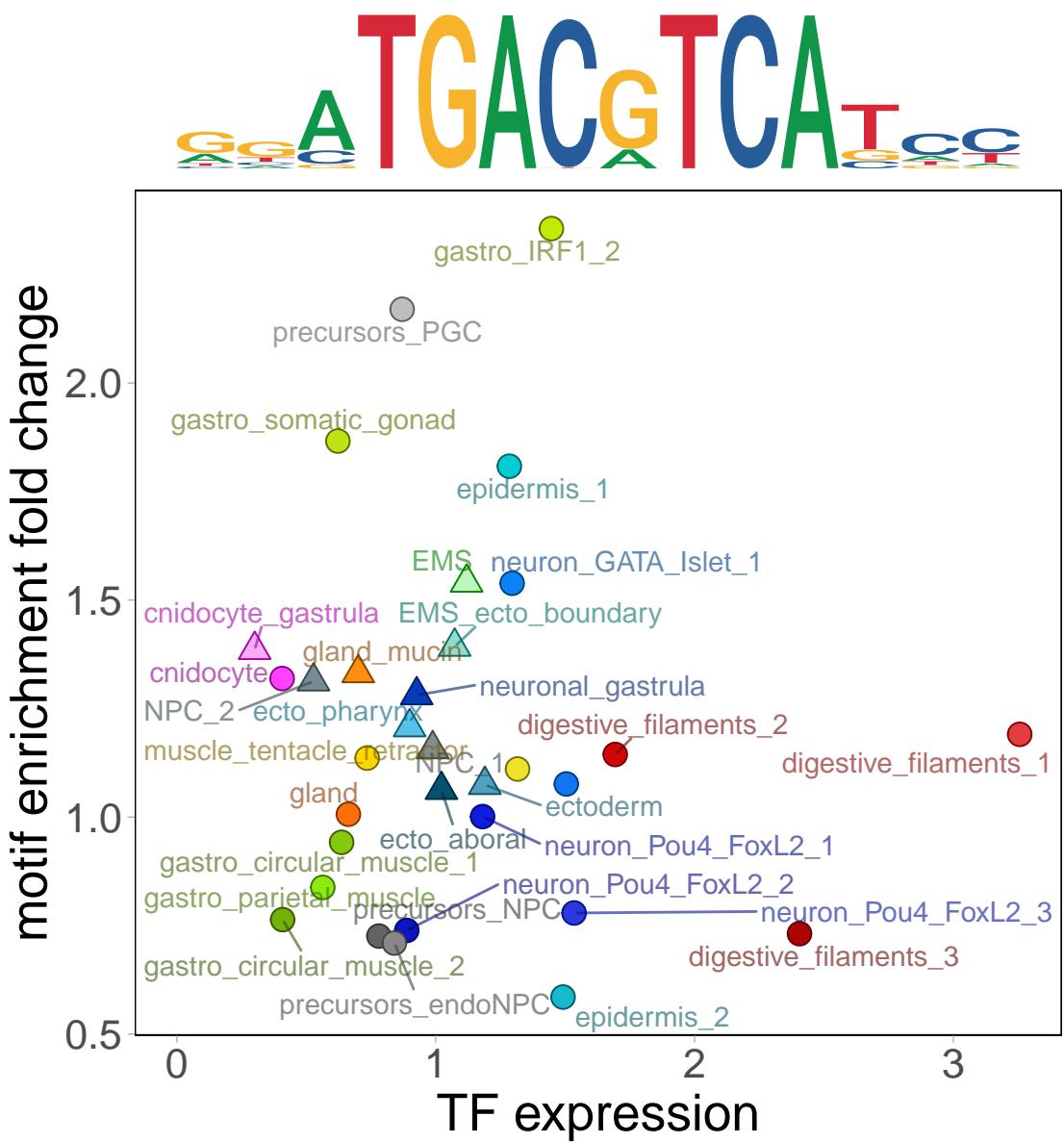
archetype family: bZIP

CisBP assigned: FALSE

rank: 1

gene expression correlation: -0.0514

gene score correlation: 0.4931



Nvec_vc1.1_XM_032382712.2

OG: RFX.HG1.1:RFX5/RFX7

PFAM: RFX5_N/RFX_DNA_binding

motif: ARCH653_/Rfx5

TF family: RFX

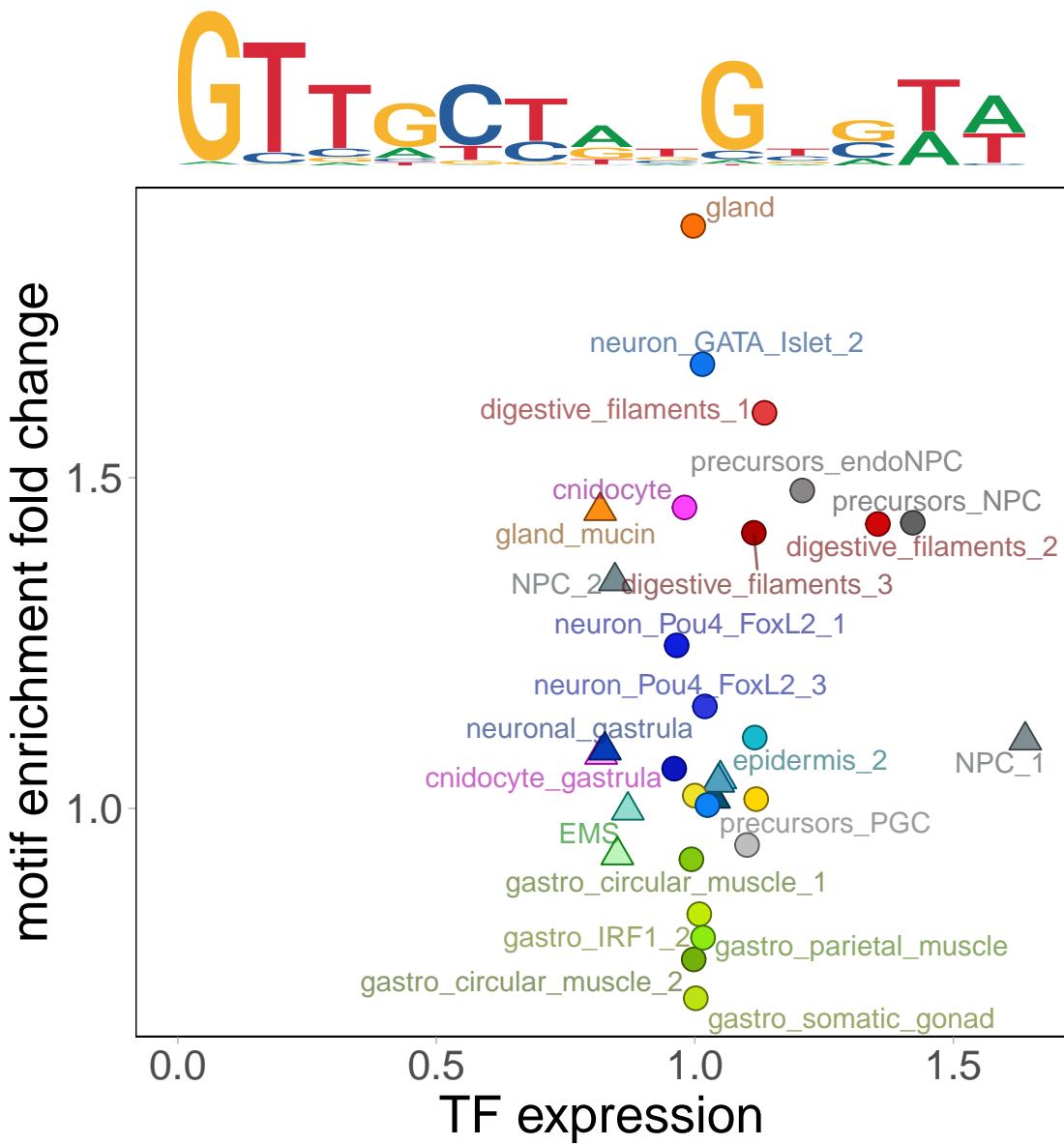
archetype family: RFX

CisBP assigned: TRUE

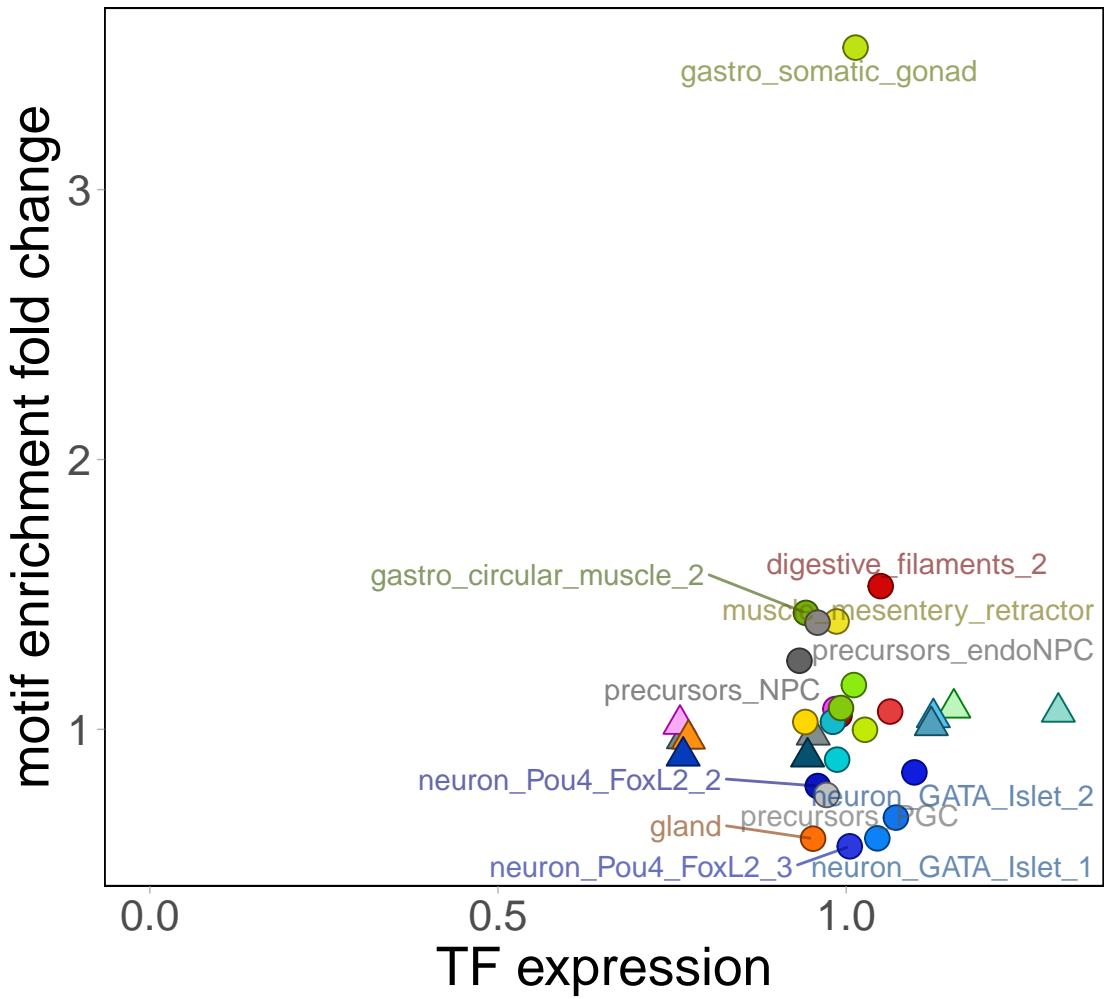
rank: 303

gene expression correlation: 0.1700

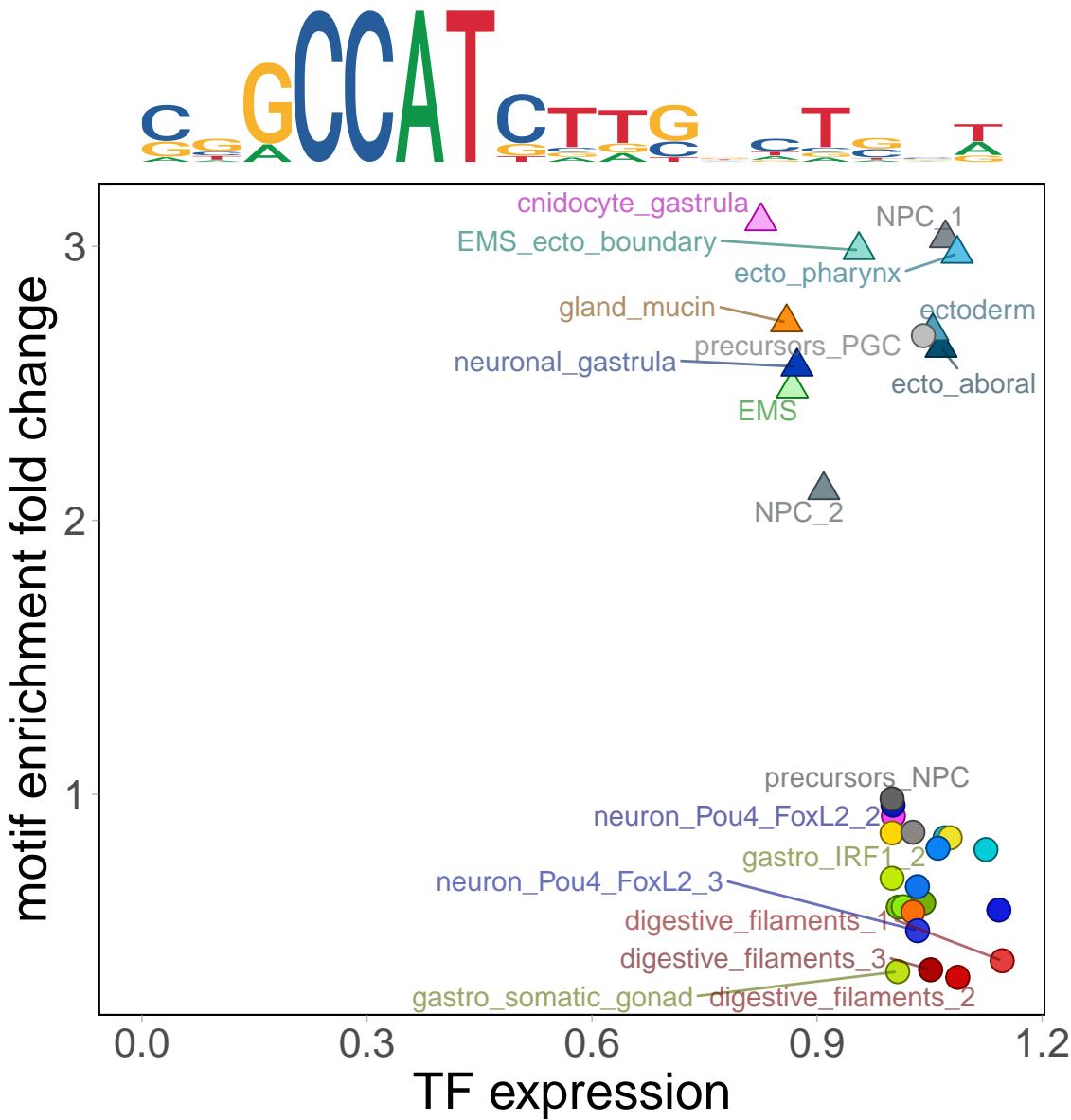
gene score correlation: 0.2842



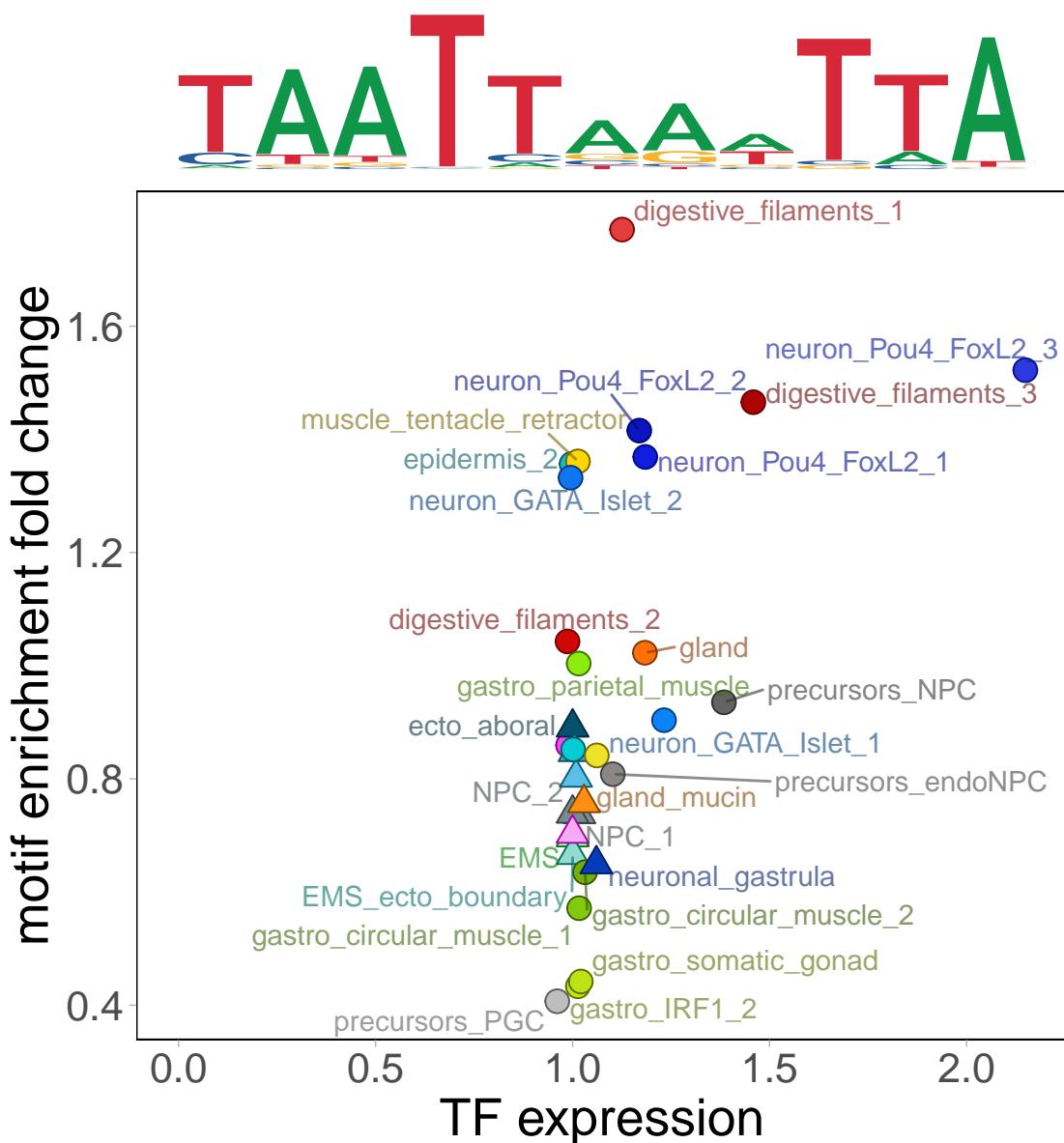
Nvec_vc1.1_XM_032382719.2
OG: P53.HG1.5:like:TP53/TP63/TP73
PFAM: P53/P53_tetramer
motif: ARCH910_p53
TF family: P53
archetype family: P53
CisBP assigned: FALSE
rank: 236
gene expression correlation: 0.0477
gene score correlation: 0.1353



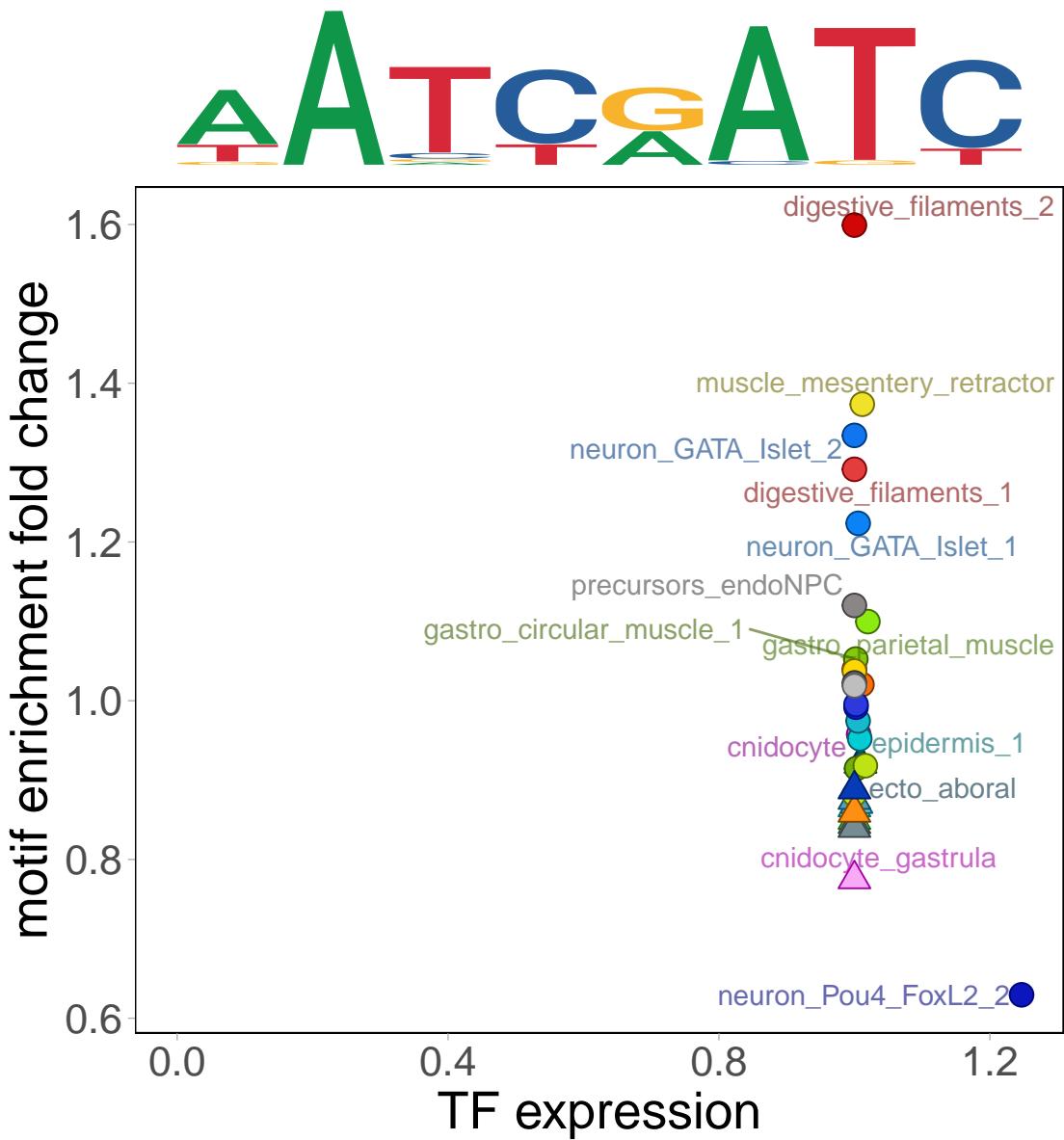
Nvec_vc1.1_XM_032383547.2
OG: zf-C2H2.HG1.10:like:AC008758.1/
PFAM: zf-C2H2/zf-H2C2_2/zf-C2H2/zf-
motif: ARCH523_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: -0.4806
gene score correlation: -0.1804



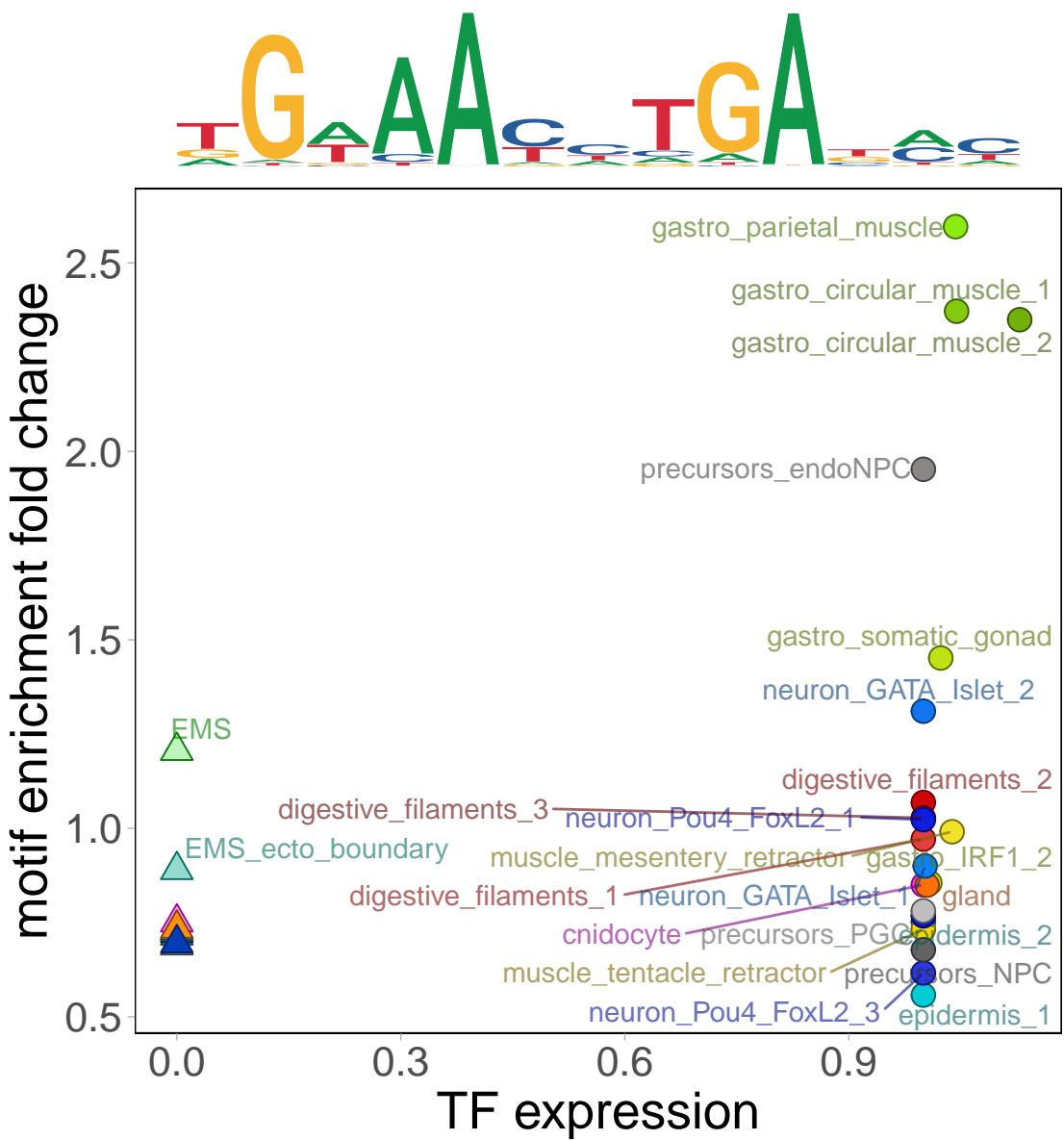
Nvec_vc1.1_XM_032383560.2
OG: Homeodomains.HG2.69:OTP
PFAM: Homeodomain/OAR
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4783
gene score correlation: 0.5638



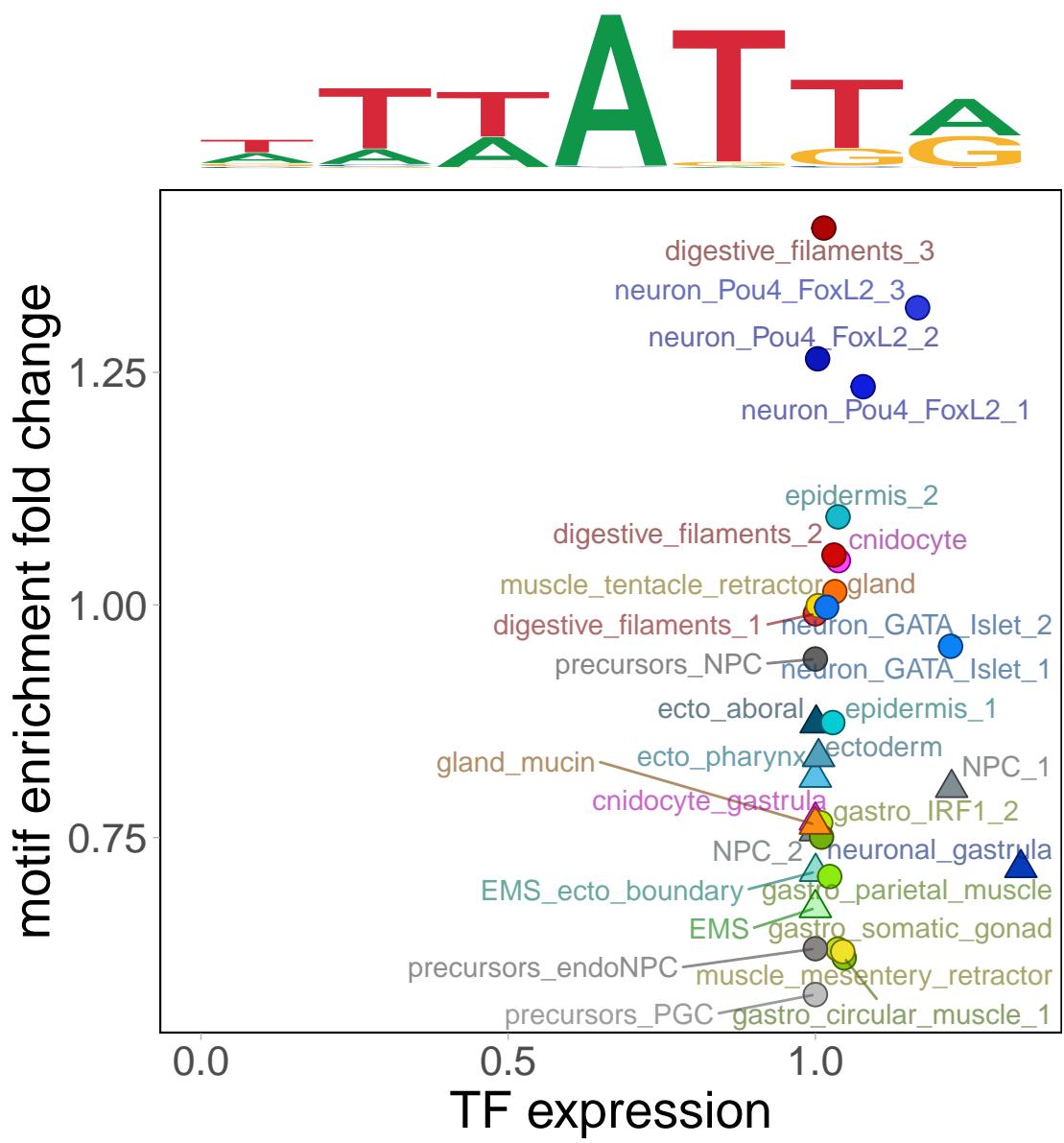
Nvec_vc1.1_XM_032383663.2
OG: Homeodomains.HG1.27:like:AC004
PFAM: Homeodomain
motif: ARCH70_M02142_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1098
gene expression correlation: -0.3369
gene score correlation: 0.1910



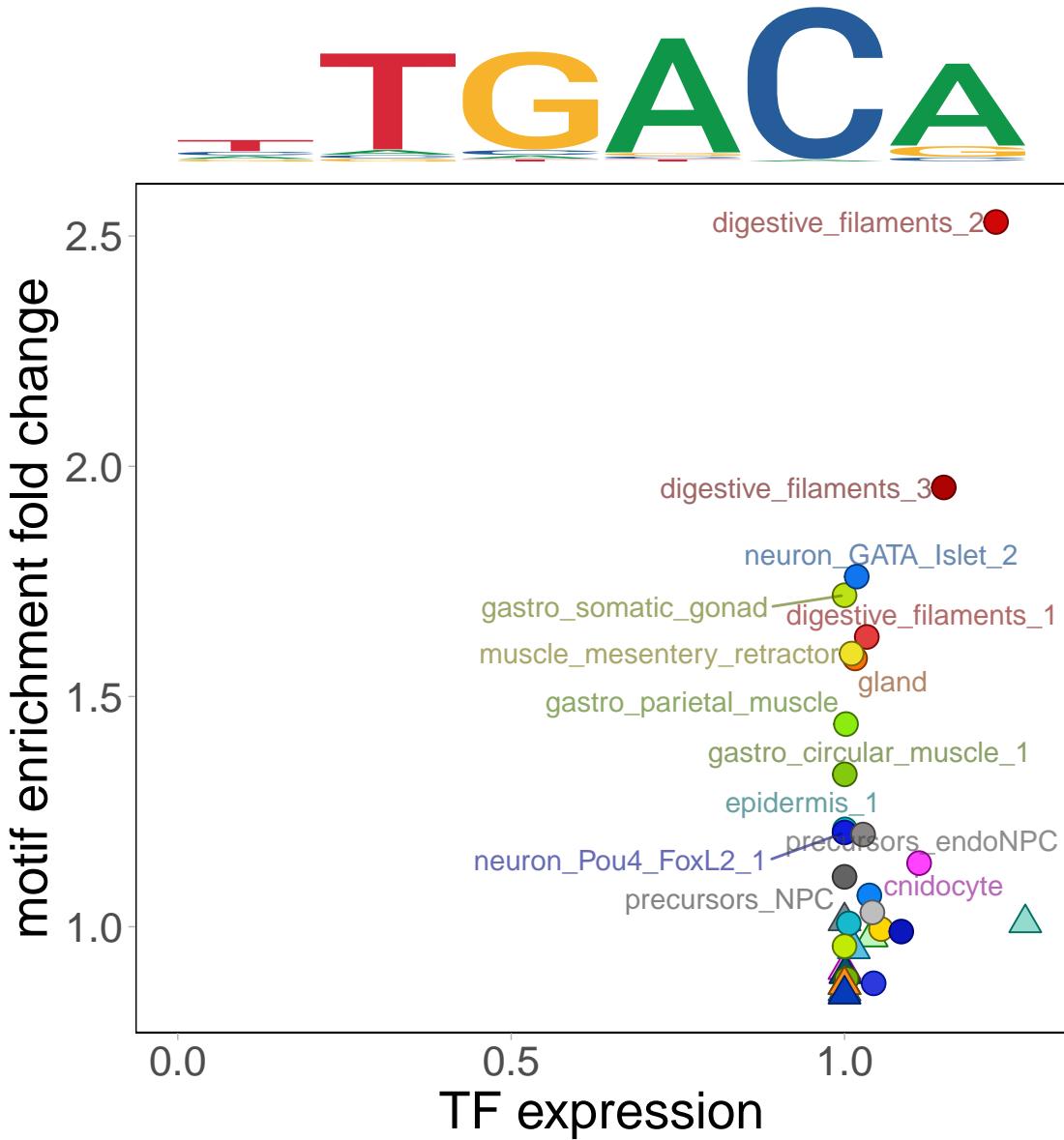
Nvec_vc1.1_XM_032383677.2
OG: Homeodomains.HG1.70:HOXA2/HG1.70
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3602
gene score correlation: 0.8483



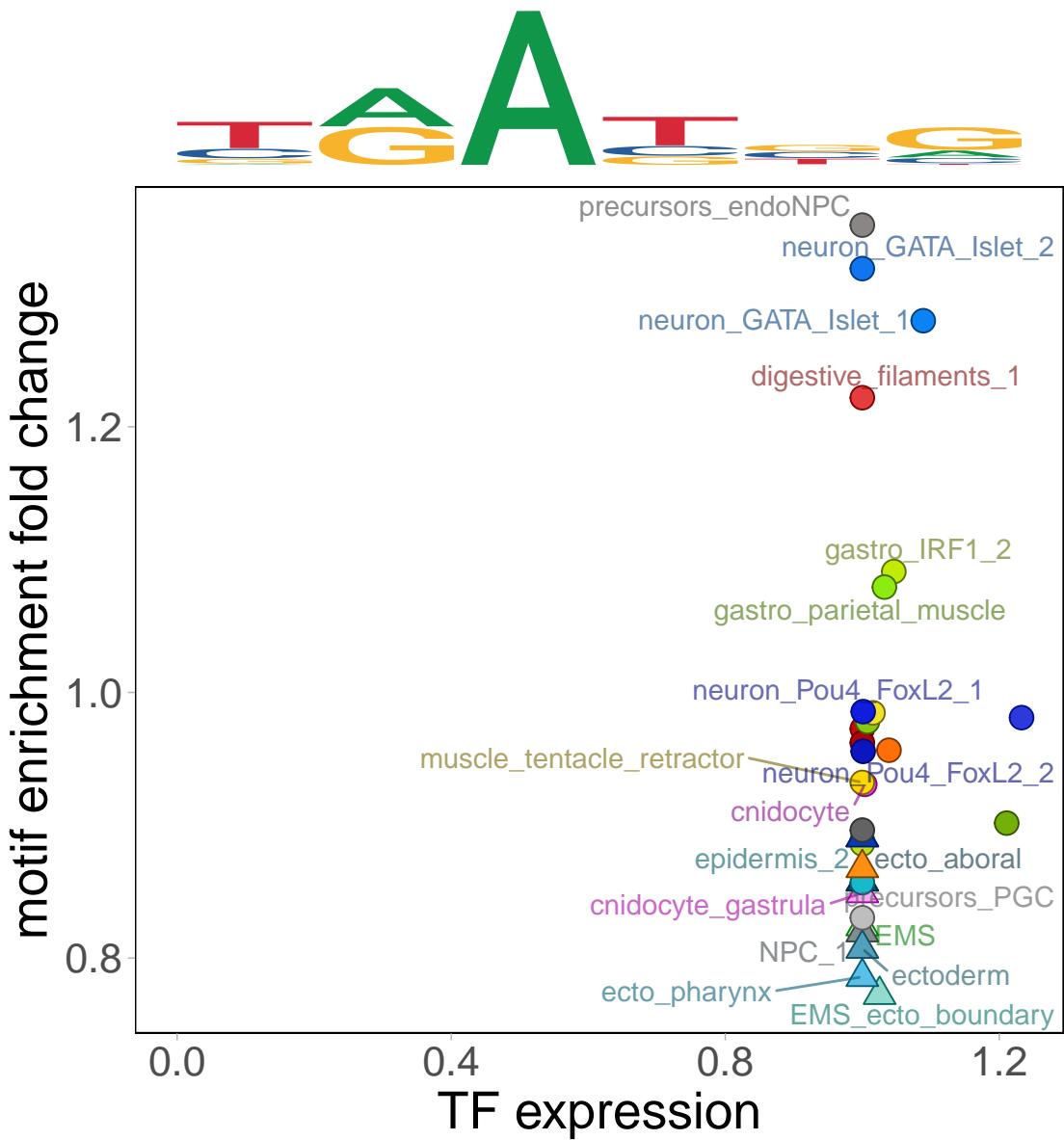
Nvec_vc1.1_XM_032383681.2
OG: Homeodomains.HG1.51:like:AC004
PFAM: Homeodomain
motif: ARCH243_Alx3/AIx4/AIx1_HIx_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 29
gene expression correlation: 0.0723
gene score correlation: 0.3995



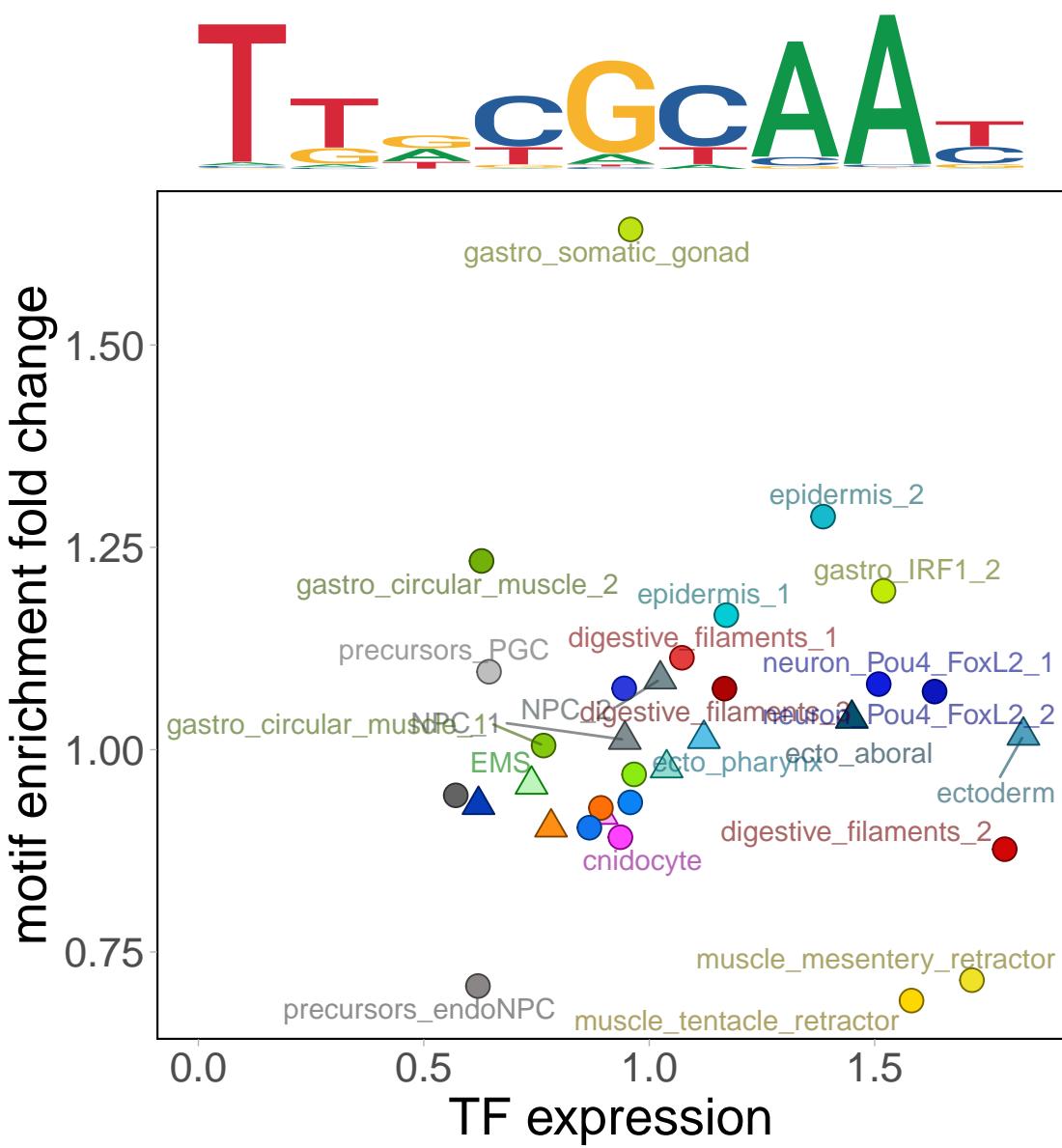
Nvec_vc1.1_XM_032383693.2
OG: Homeodomains.HG1.53:MNX1
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 50
gene expression correlation: 0.4000
gene score correlation: 0.6786



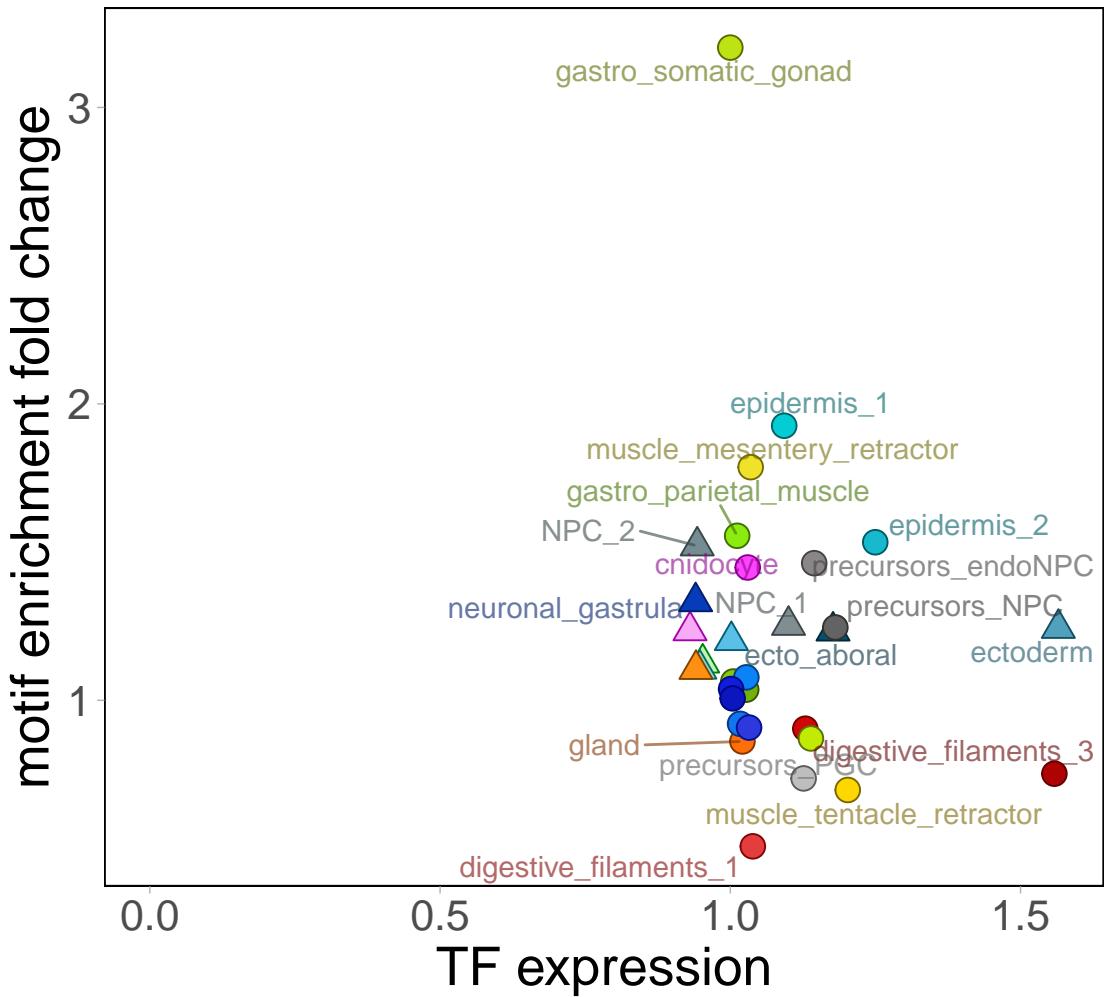
Nvec_vc1.1_XM_032383695.2
OG: Homeodomains.HG1.52:EVX1/EVX2
PFAM: Homeodomain
motif: ARCH181_Barx2/Barx1_DLx4/Dlx5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 71
gene expression correlation: 0.1112
gene score correlation: 0.1904



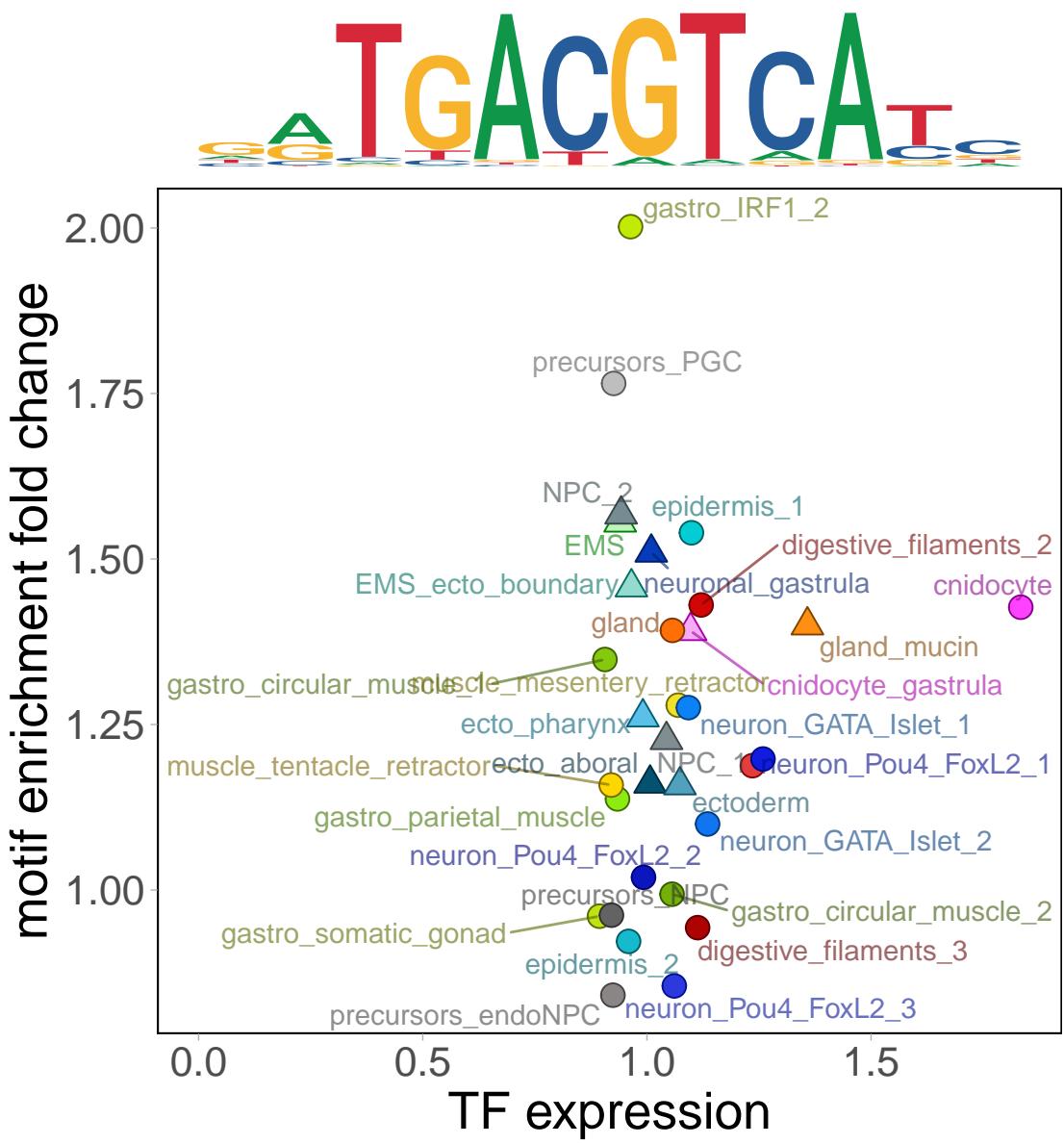
Nvec_vc1.1_XM_032383717.2
OG: bZIP.HG2.0:like:CEBPA/CEBPB/C
PFAM: bZIP_2
motif: ARCH640_Cebpd/Cebpe/Cebpa/
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 555
gene expression correlation: -0.0283
gene score correlation: 0.1452



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: -0.1516
gene score correlation: -0.0679

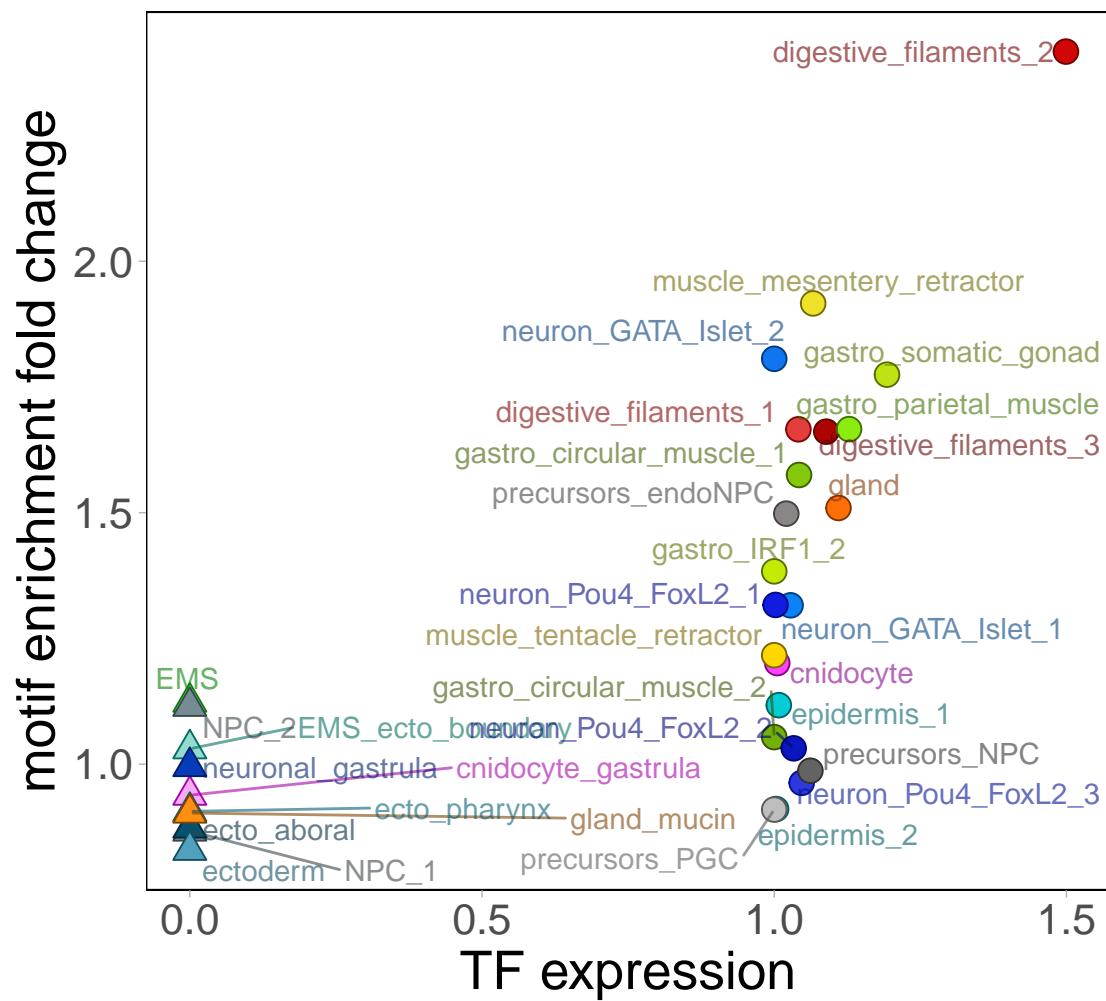


Nvec_vc1.1_XM_032383907.2
OG: bZIP.HG1.4:ATF2/ATF7/ATF7-NPF
PFAM: bZIP_1
motif: ARCH1610_Atf3/Jdp2_Atf7/Gm2.
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 146
gene expression correlation: 0.0815
gene score correlation: -0.0657

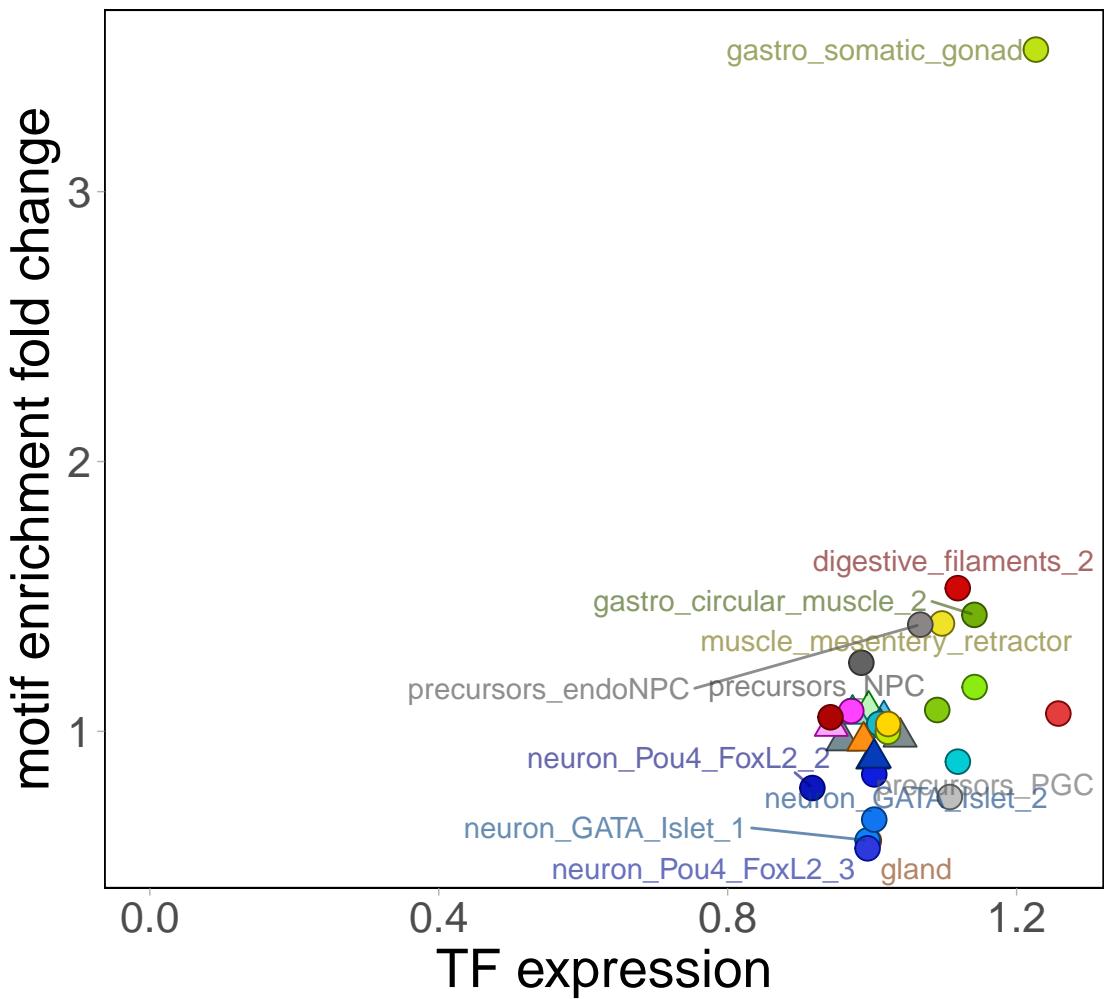


Nvec_vc1.1_XM_032383925.2
OG: Homeodomains.HG1.21:BARX1/B
PFAM: Homeodomain
motif: ARCH1545_Meis3/Meis2/Meis1_
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.6413
gene score correlation: 0.5849

TGACA



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: 0.5508
gene score correlation: 0.5740



Nvec_vc1.1_XM_032384063.2

OG: HLH.HG1.53:HES5/HES7

PFAM: HLH

motif: ARCH1533_BHLH112

TF family: HLH

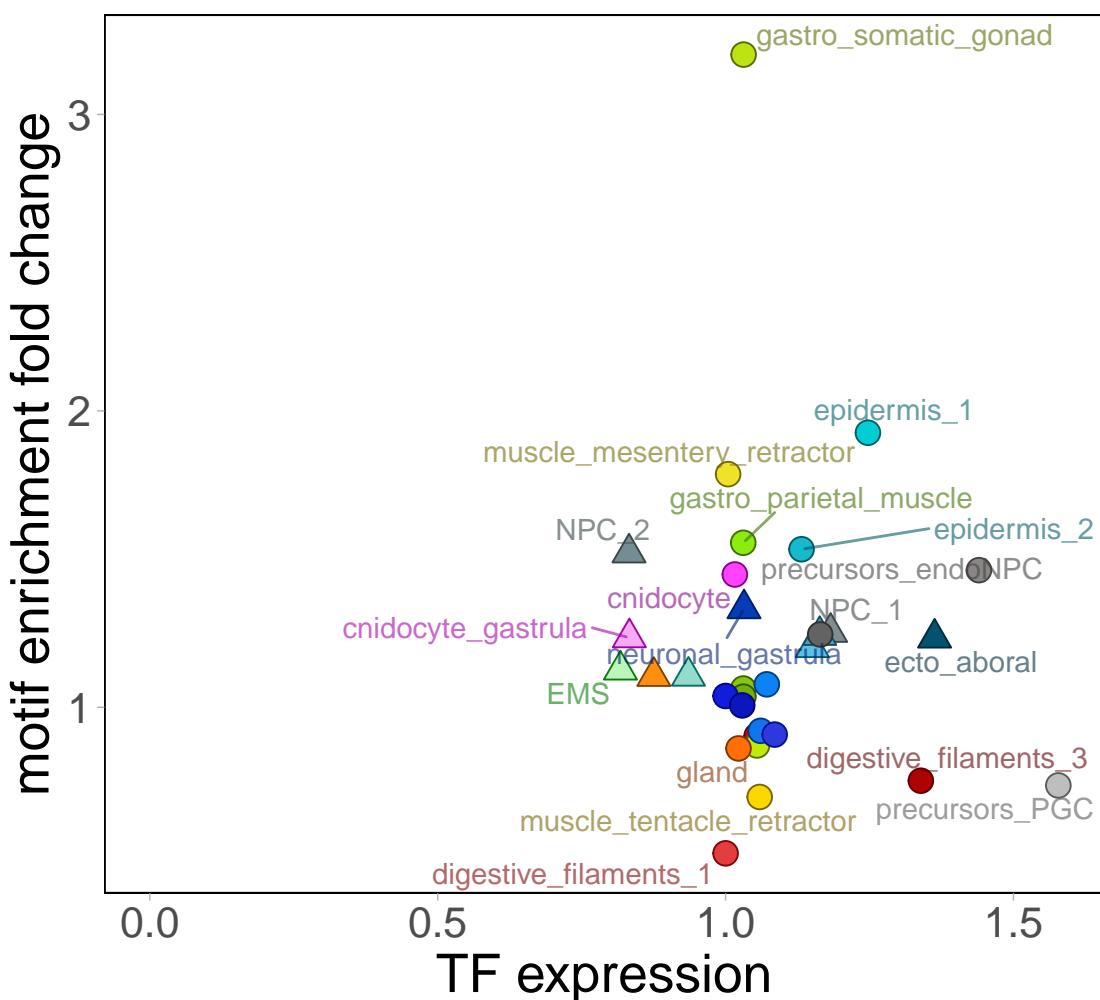
archetype family: HLH

CisBP assigned: FALSE

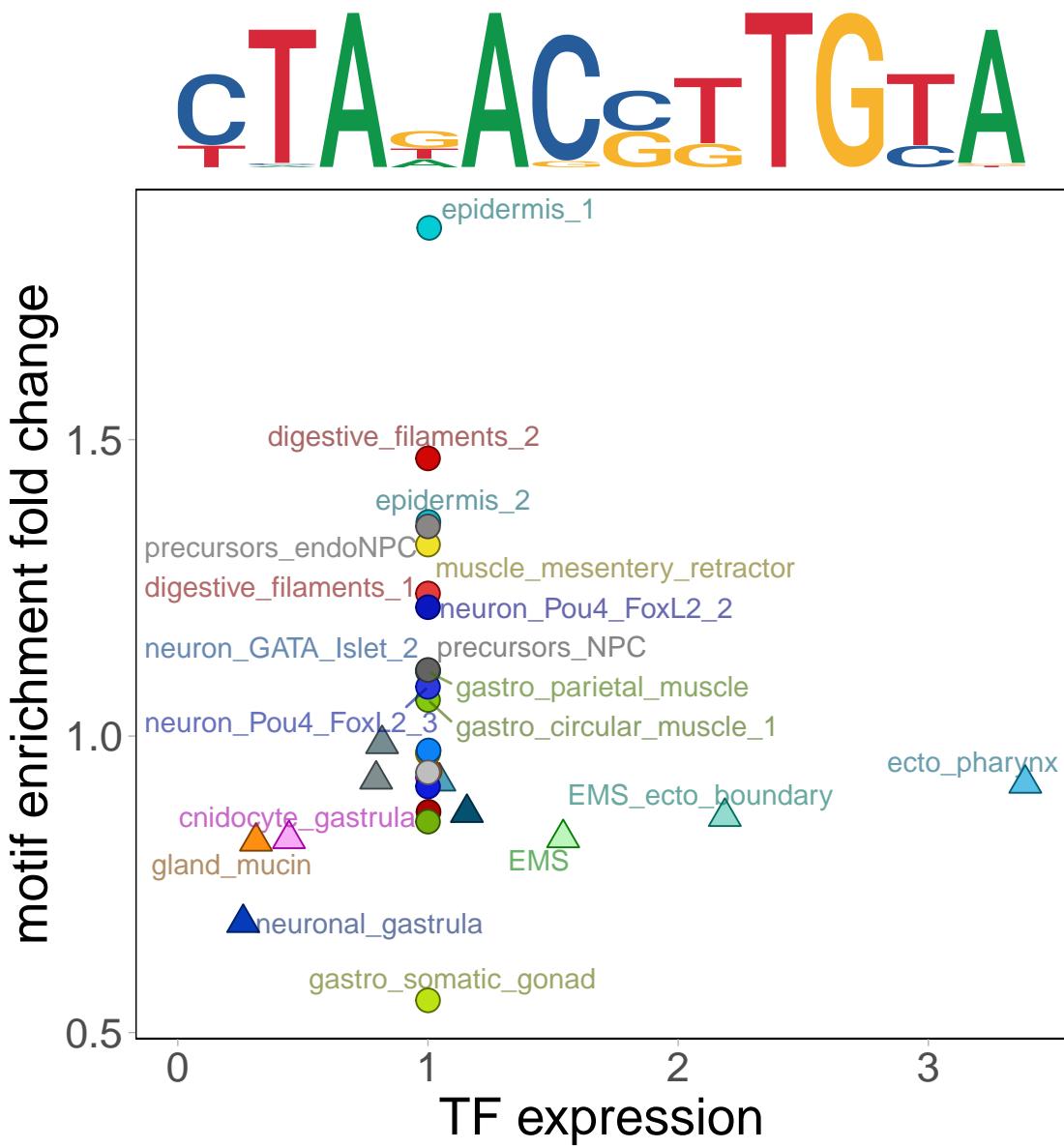
rank: 27

gene expression correlation: -0.0661

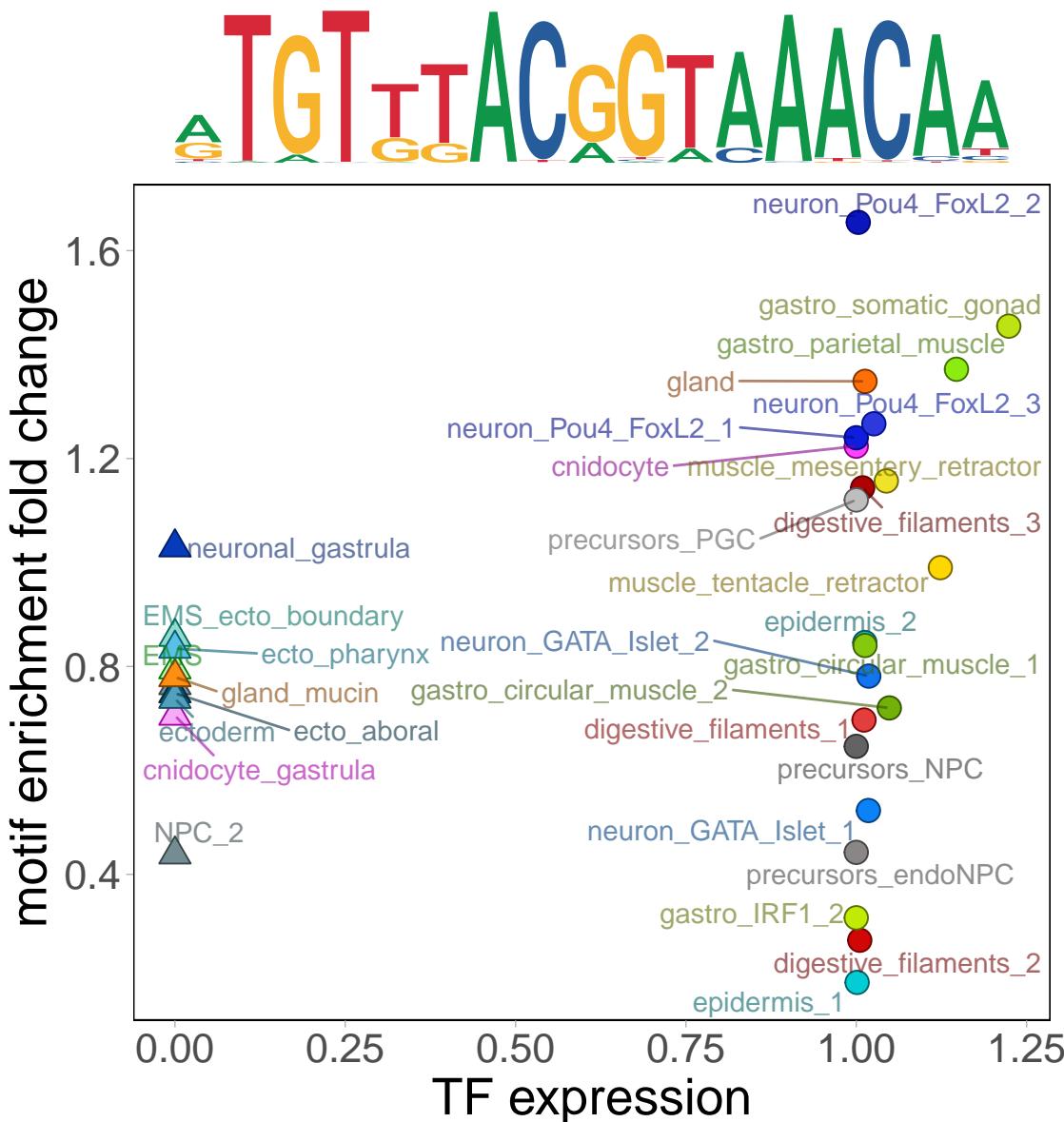
gene score correlation: 0.2004



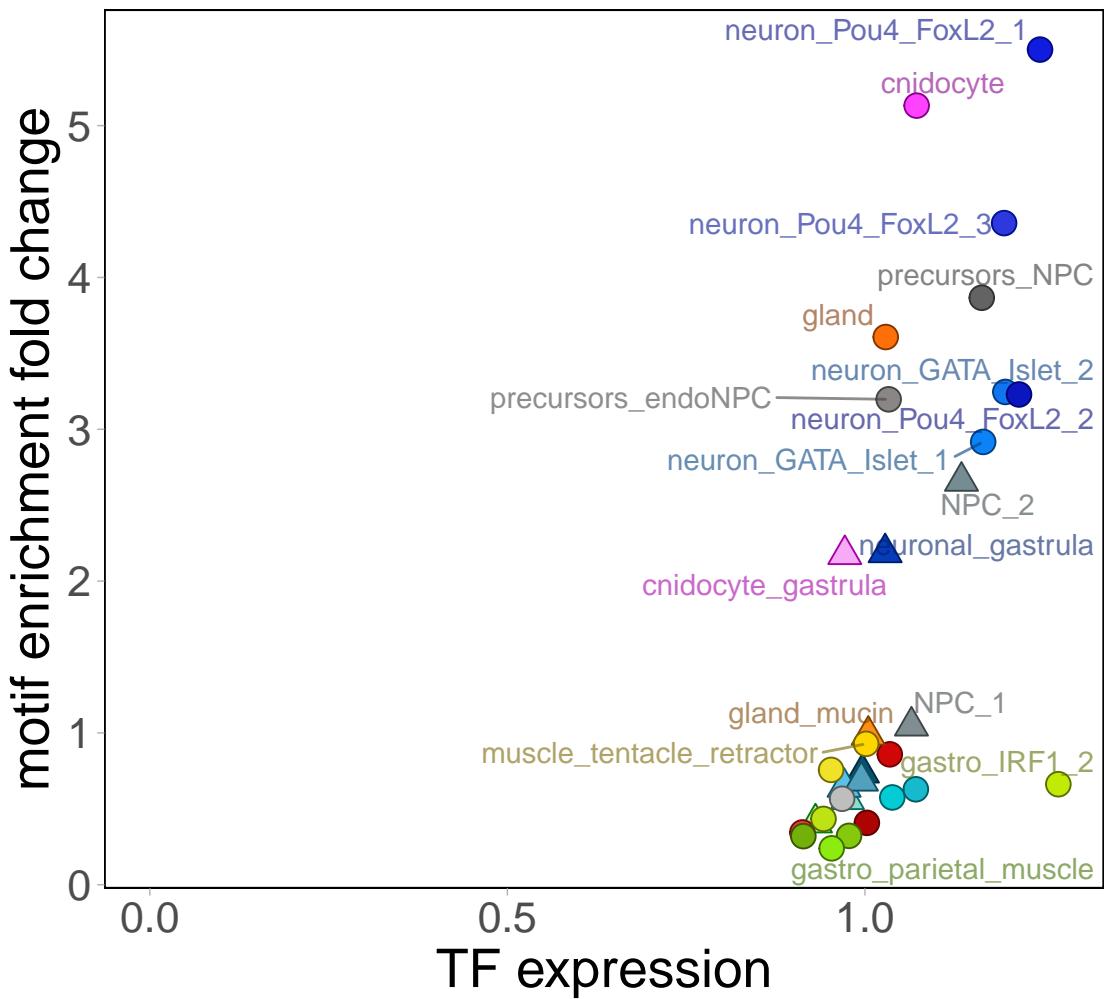
Nvec_vc1.1_XM_032384091.2
OG: Doublesex_DM.HG1.14:like:DMRT
PFAM: DM/DMA
motif: ARCH661_Dmrt1
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: FALSE
rank: 46
gene expression correlation: -0.0121
gene score correlation: 0.2598



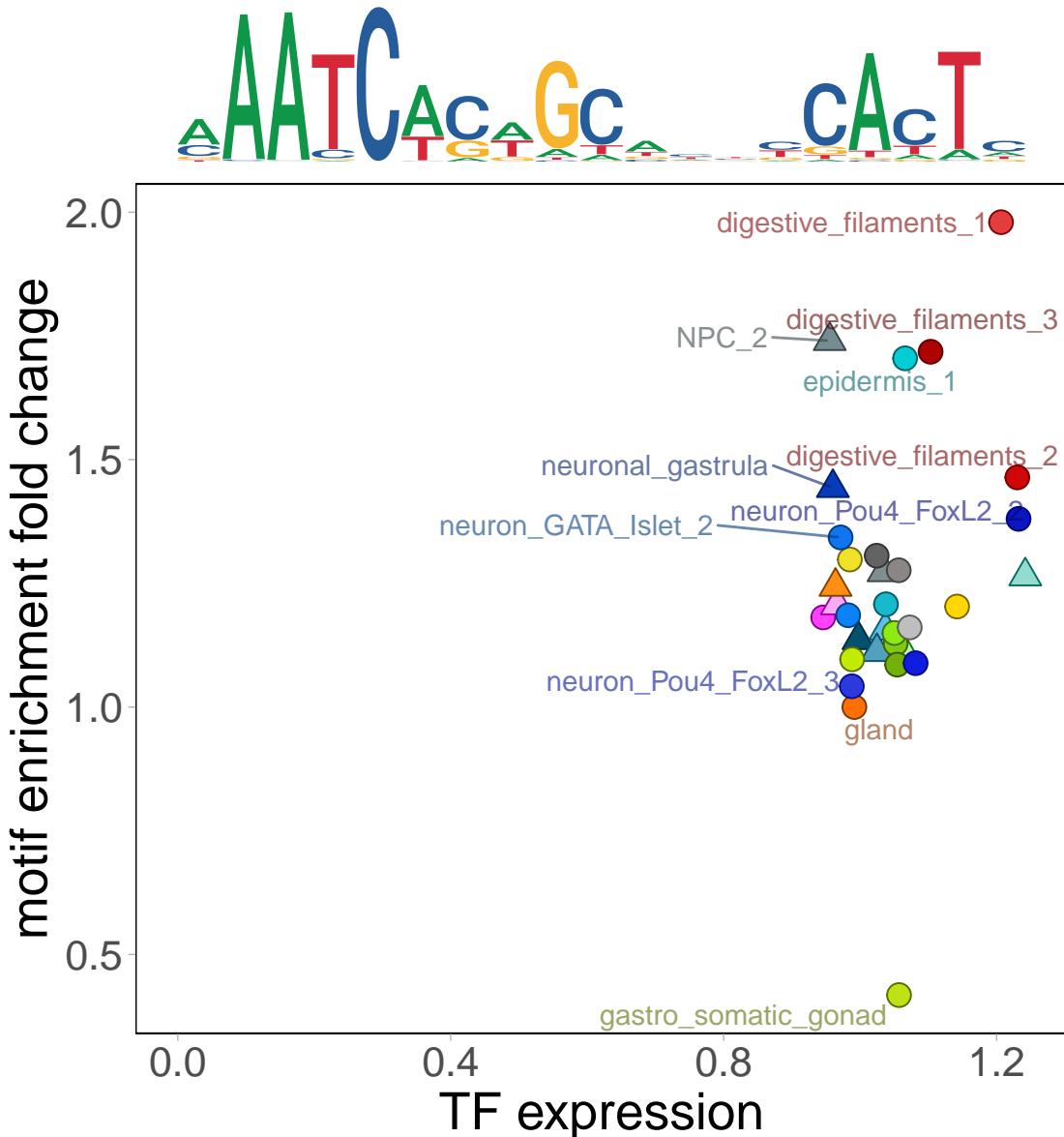
Nvec_vc1.1_XM_032384126.2
OG: Forkhead.HG1.17:like:FOXI1/FOXI2
PFAM: Forkhead
motif: ARCH964_Foxc2/Foxc1_Foxg1/GATA
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.2359
gene score correlation: 0.4382



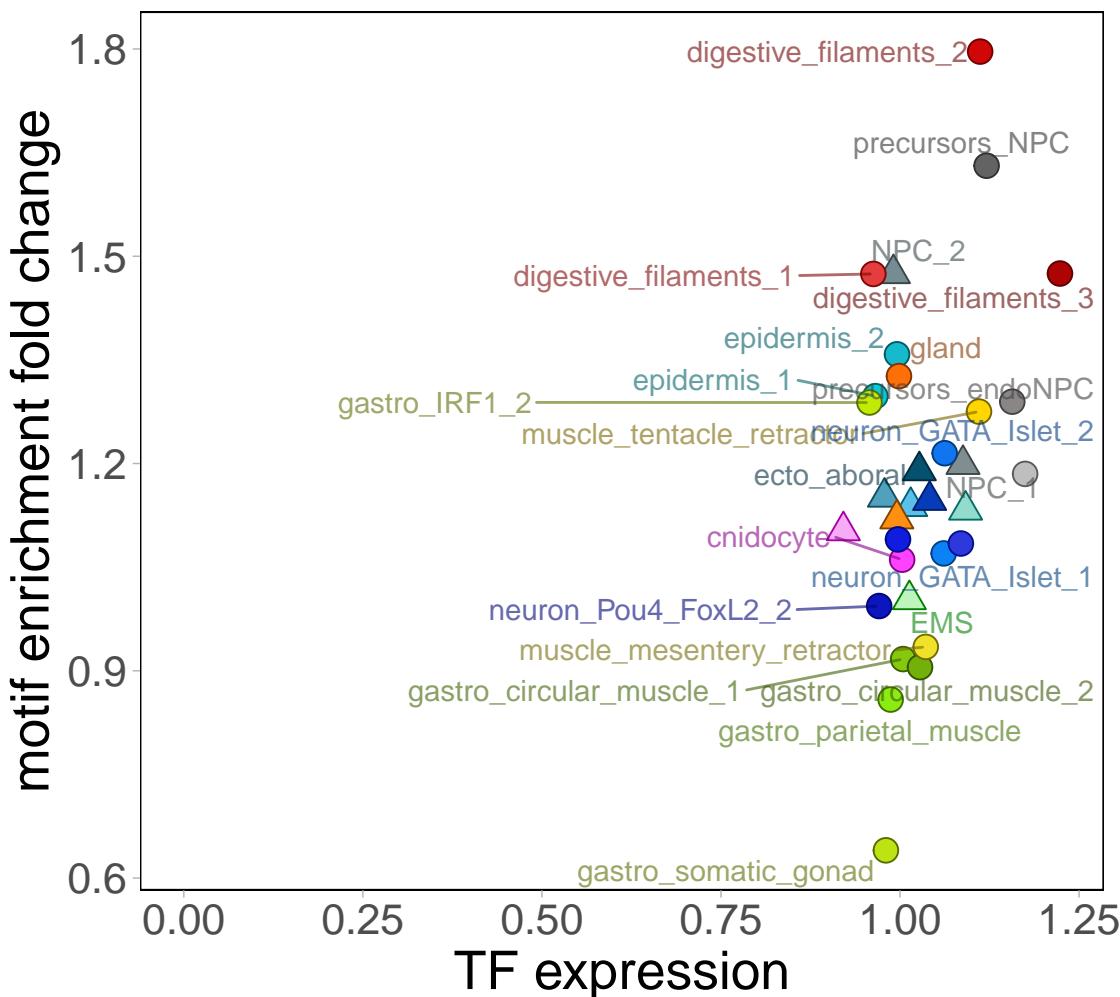
Nvec_vc1.1_XM_032384134.2
OG: zf-C2H2.HG3.3:ZNF641
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH530_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.6706
gene score correlation: 0.3807



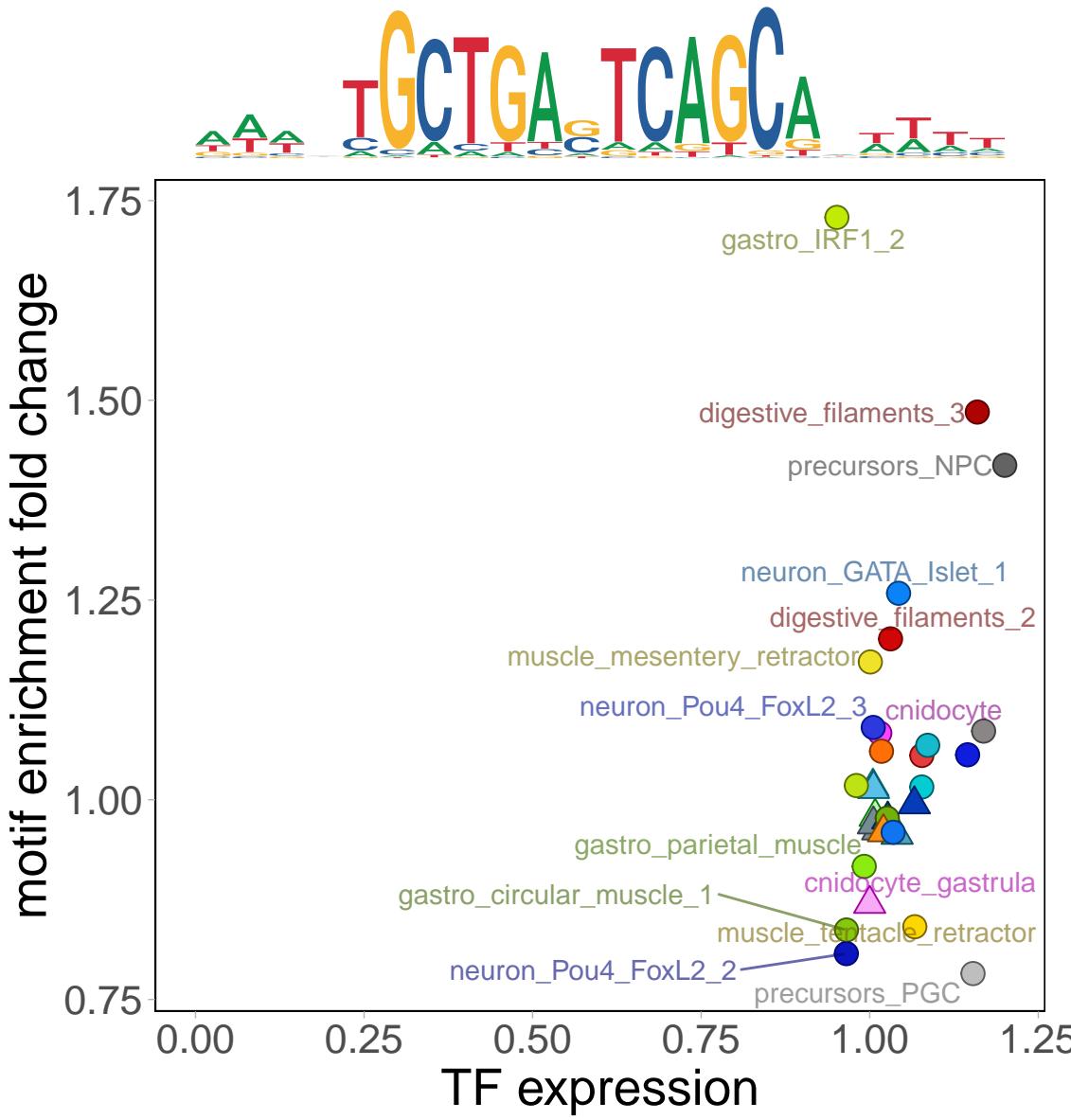
Nvec_vc1.1_XM_032384172.2
OG: zf-C2H2.HG1.40:GZF1/ZBTB24
PFAM: zf-C2H2_6/zf-C2H2/zf-C2H2/zf-C2H2_1
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 106
gene expression correlation: 0.2573
gene score correlation: 0.0520



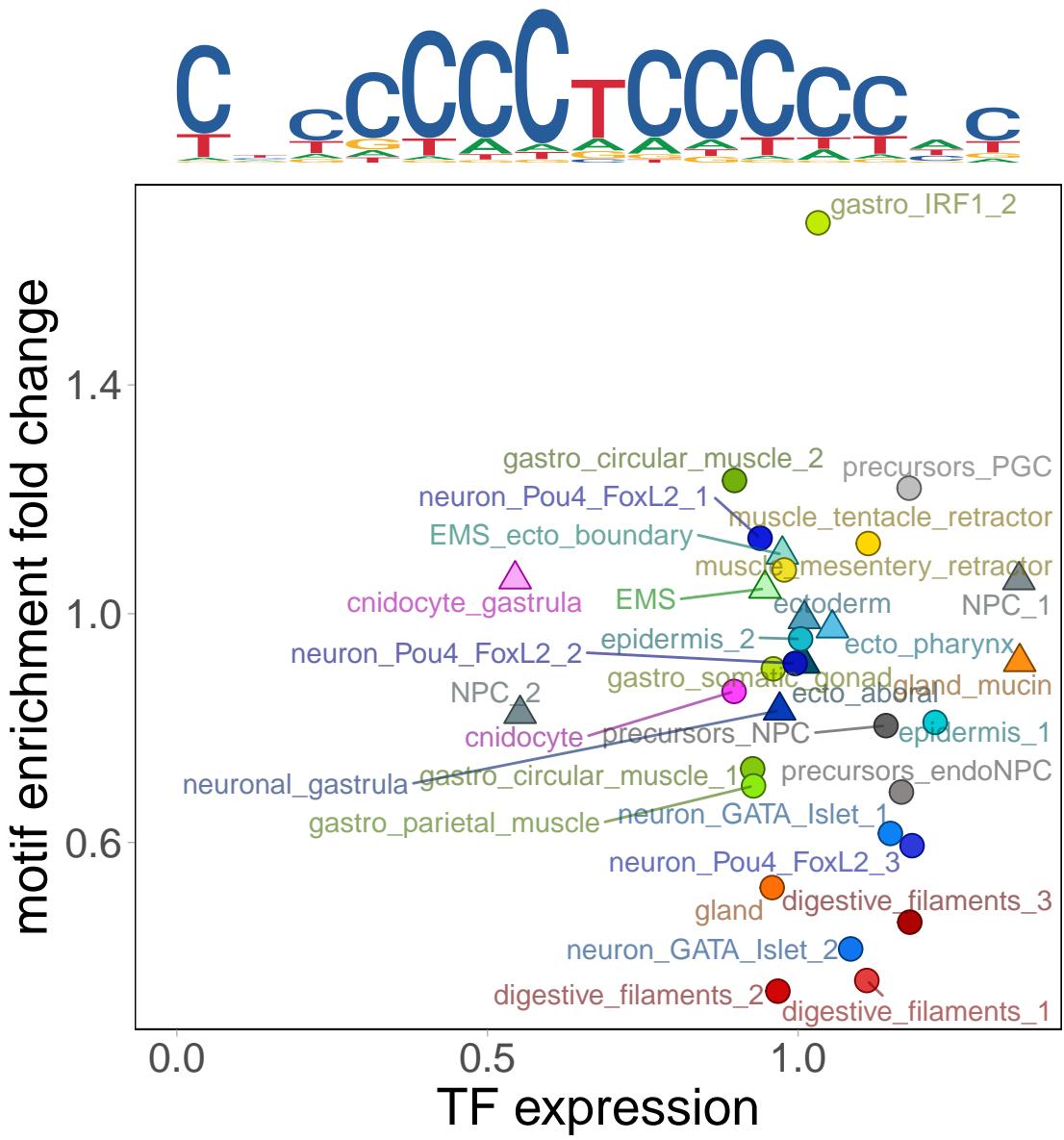
Nvec_vc1.1_XM_032384228.2
OG: HMGbox_Sox.HG1.26:like:SOX8/S
PFAM: HMG_box
motif: ARCH1414_SOX14
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.3630
gene score correlation: 0.6689



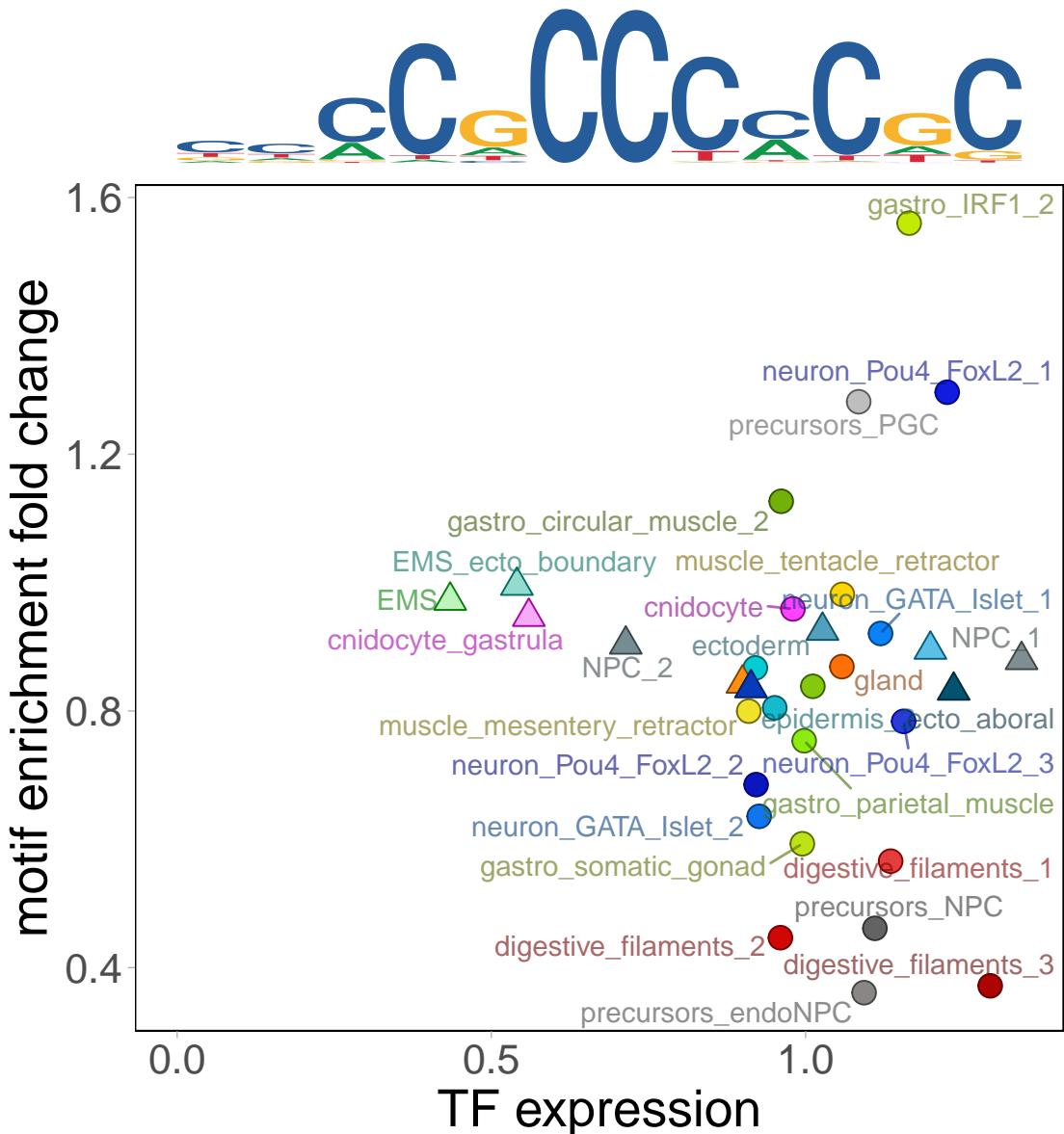
Nvec_vc1.1_XM_032384300.2
OG: bZIP.HG3.0:MAFF/MAFG/MAFK
PFAM: bZIP_Maf
motif: ARCH1281_Cic_Hbp1_Sox13/SO
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 485
gene expression correlation: 0.1926
gene score correlation: 0.4411



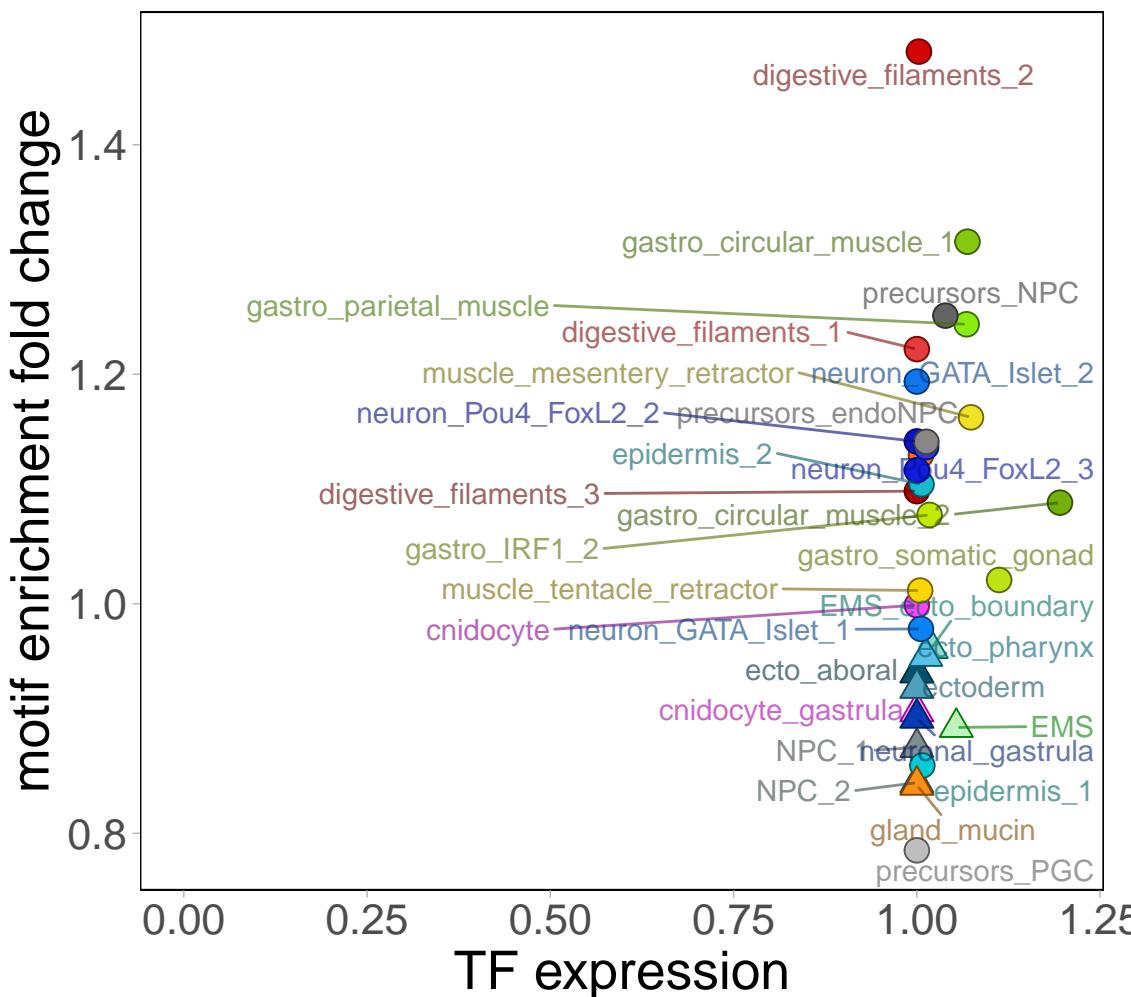
Nvec_vc1.1_XM_032384447.2
OG: zf-C2H2.HG2.14:SP1/SP2/SP3/SP4
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH357_Egr3/Egr1_Sp6/Sp5_Sp1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 387
gene expression correlation: -0.1204
gene score correlation: -0.1350



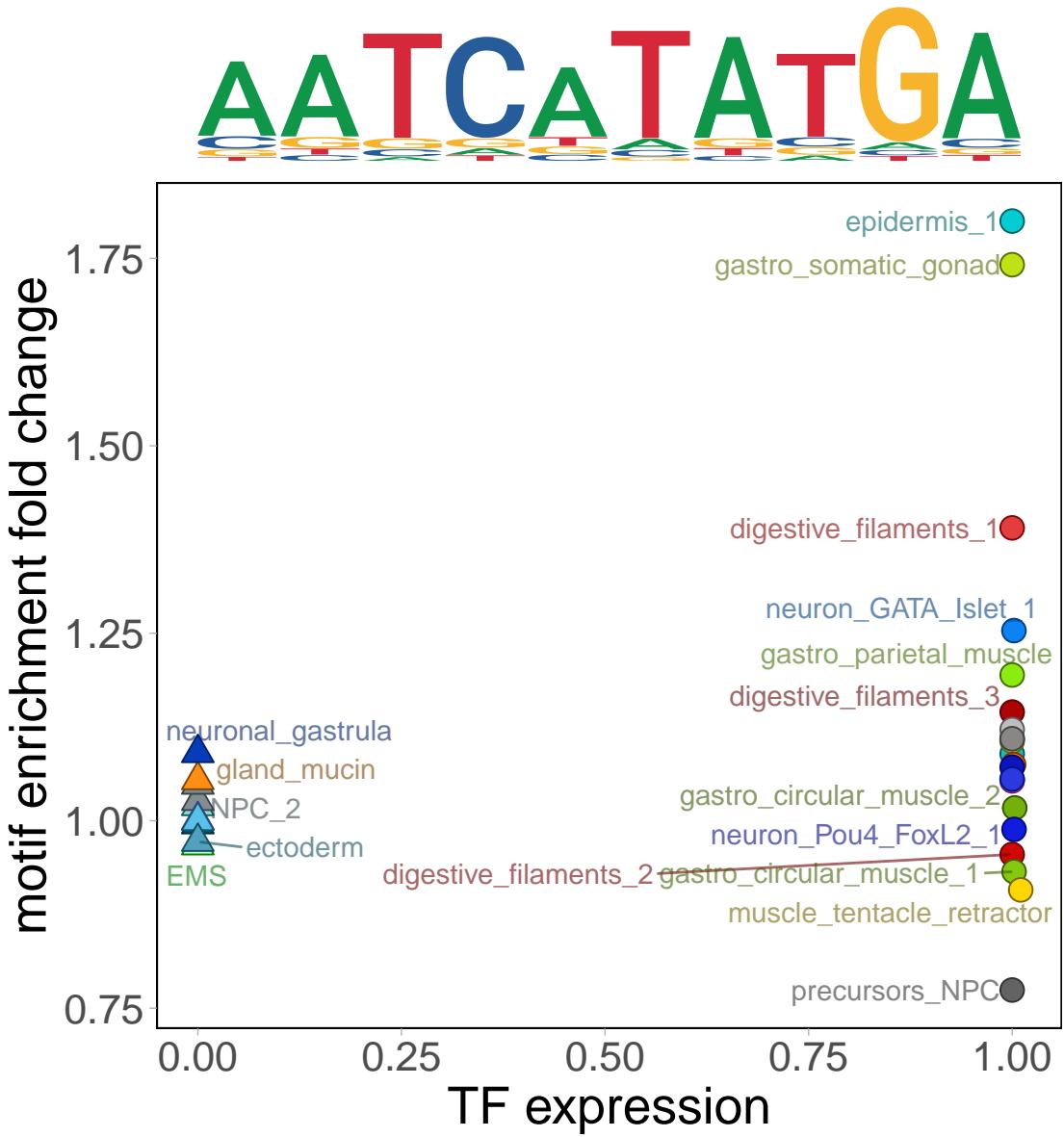
Nvec_vc1.1_XM_032384450.2
OG: zf-C2H2.HG2.14:SP1/SP2/SP3/SP4
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH5_Egr3/Egr1_Klf5_Klf7_S..
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 636
gene expression correlation: -0.0861
gene score correlation: -0.4049



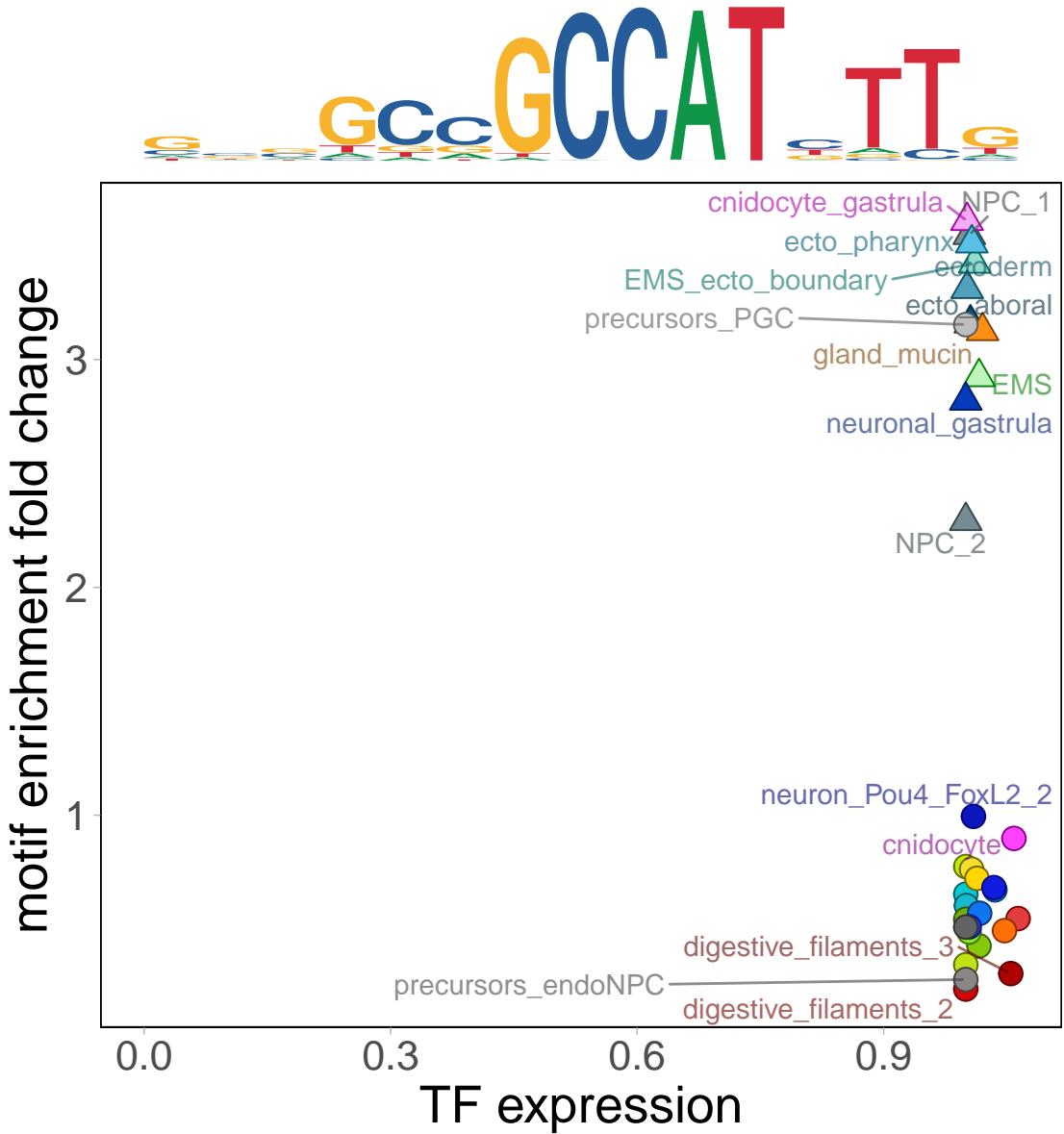
Nvec_vc1.1_XM_032384474.2
OG: HLH.HG1.85:SCX/TCF15
PFAM: HLH
motif: ARCH1118_PL0012.1_hlh-2::hlh
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 388
gene expression correlation: 0.2077
gene score correlation: 0.0432



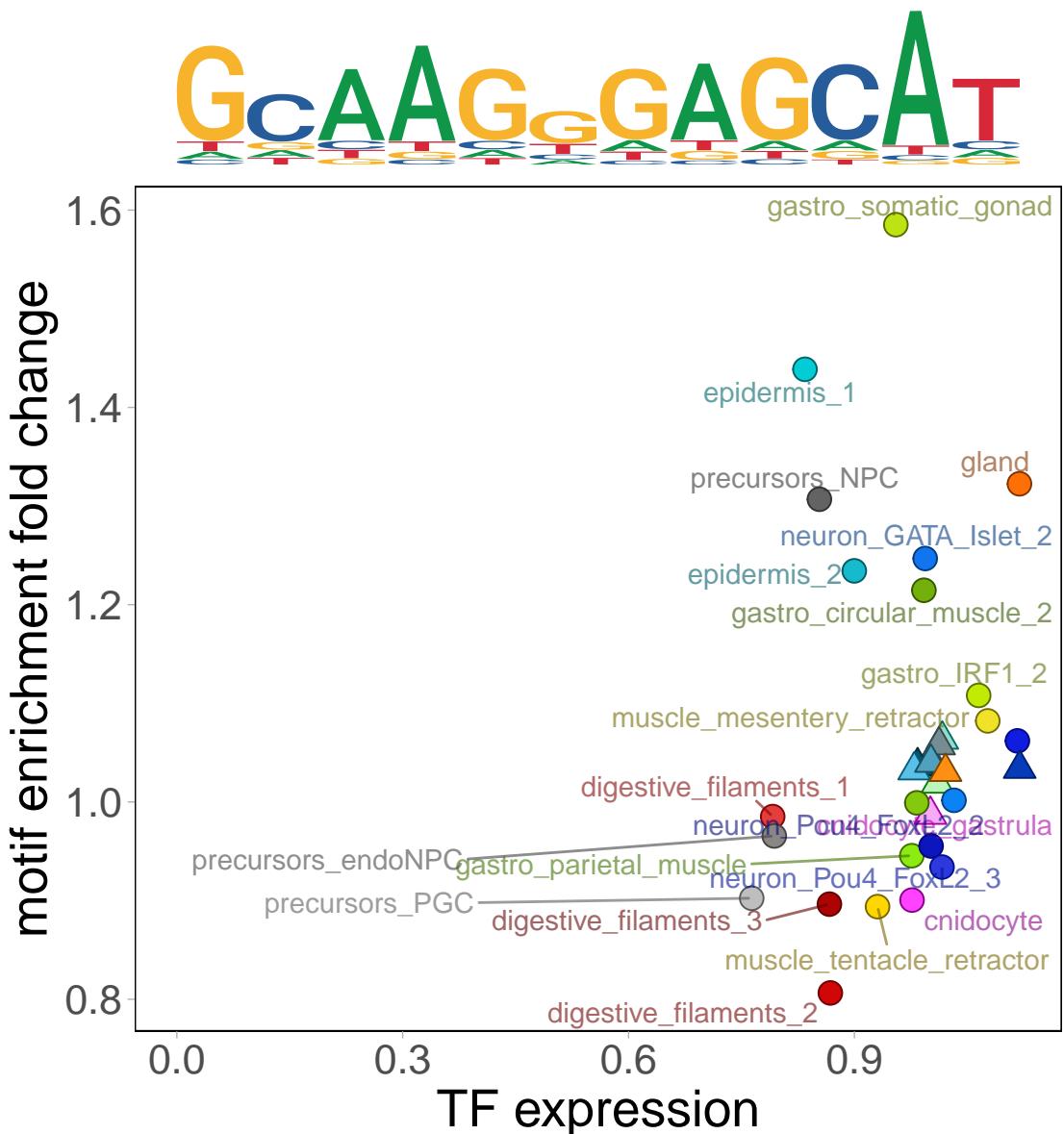
Nvec_vc1.1_XM_032384492.2
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 488
gene expression correlation: 0.2645
gene score correlation: 0.1017



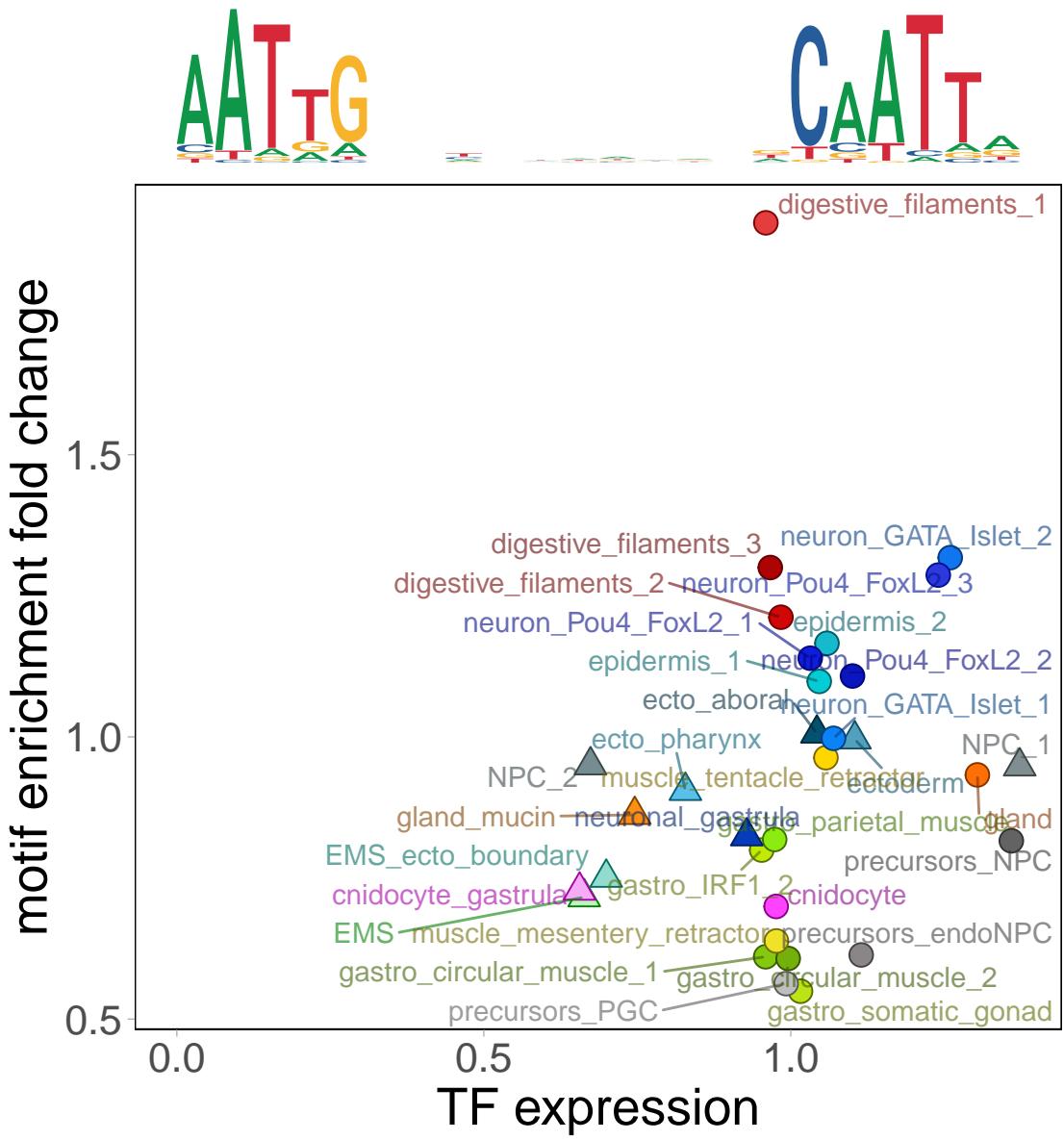
Nvec_vc1.1_XM_032384768.2
OG: zf-C2H2.HG3.0:like:AC002310.4/B
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH419_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 7
gene expression correlation: -0.2628
gene score correlation: 0.1639



Nvec_vc1.1_XM_032384912.2
OG: zf-C2H2.HG1.78:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH596_Znf263
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 27
gene expression correlation: 0.0805
gene score correlation: 0.1459



Nvec_vc1.1_XM_032384949.2
OG: Homeodomains.HG2.8:LHX2/LHX9
PFAM: LIM/LIM/Homeodomain
motif: ARCH302_Emx1/Emx2_Hmx1/Hm
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2266
gene score correlation: 0.4645



Nvec_vc1.1_XM_032385045.2

OG: Homeodomains.HG1.21:BARX1/B/

PFAM: Homeodomain

motif: ARCH1055 MF0010.1 Homeobox

TF family: Homeodomains

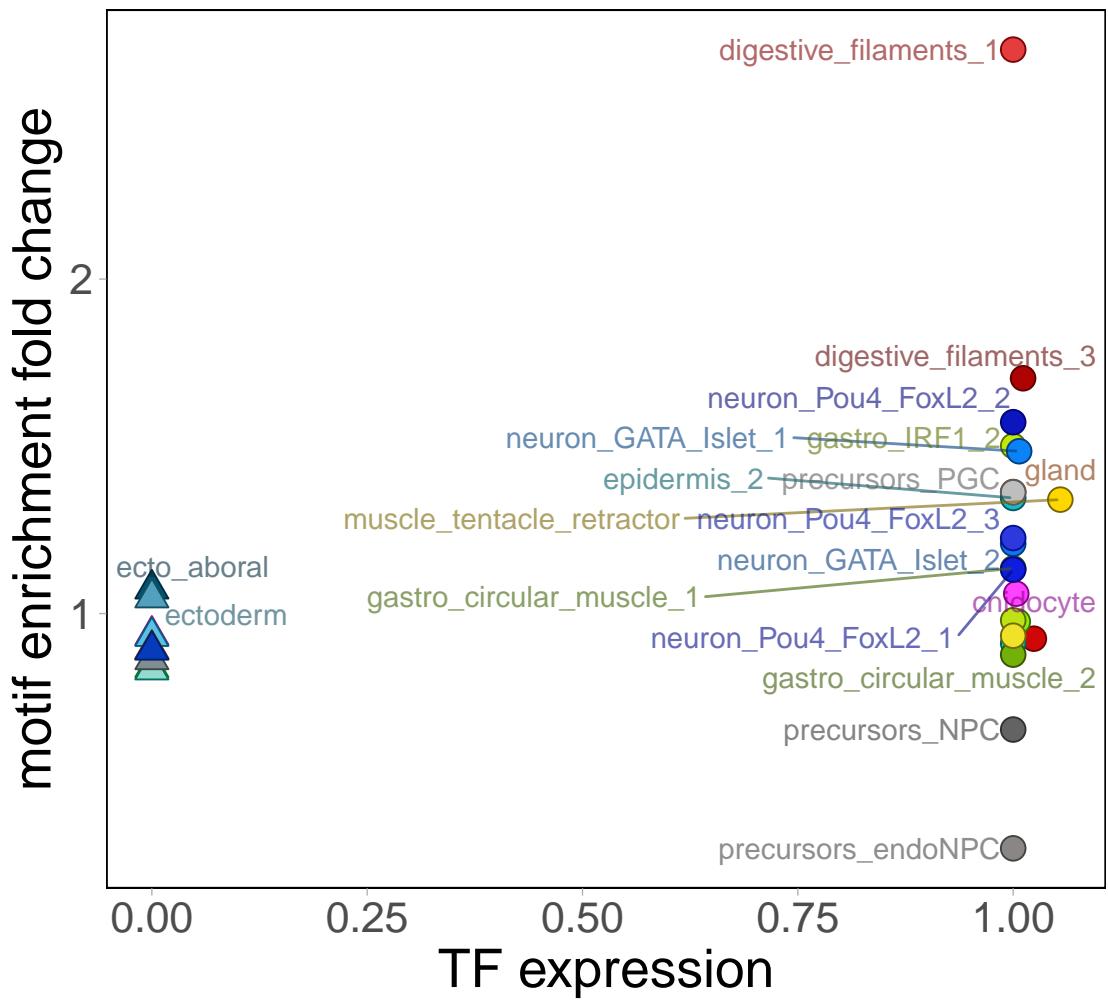
archetype family: Homeodomains

CisBP assigned: FALSE

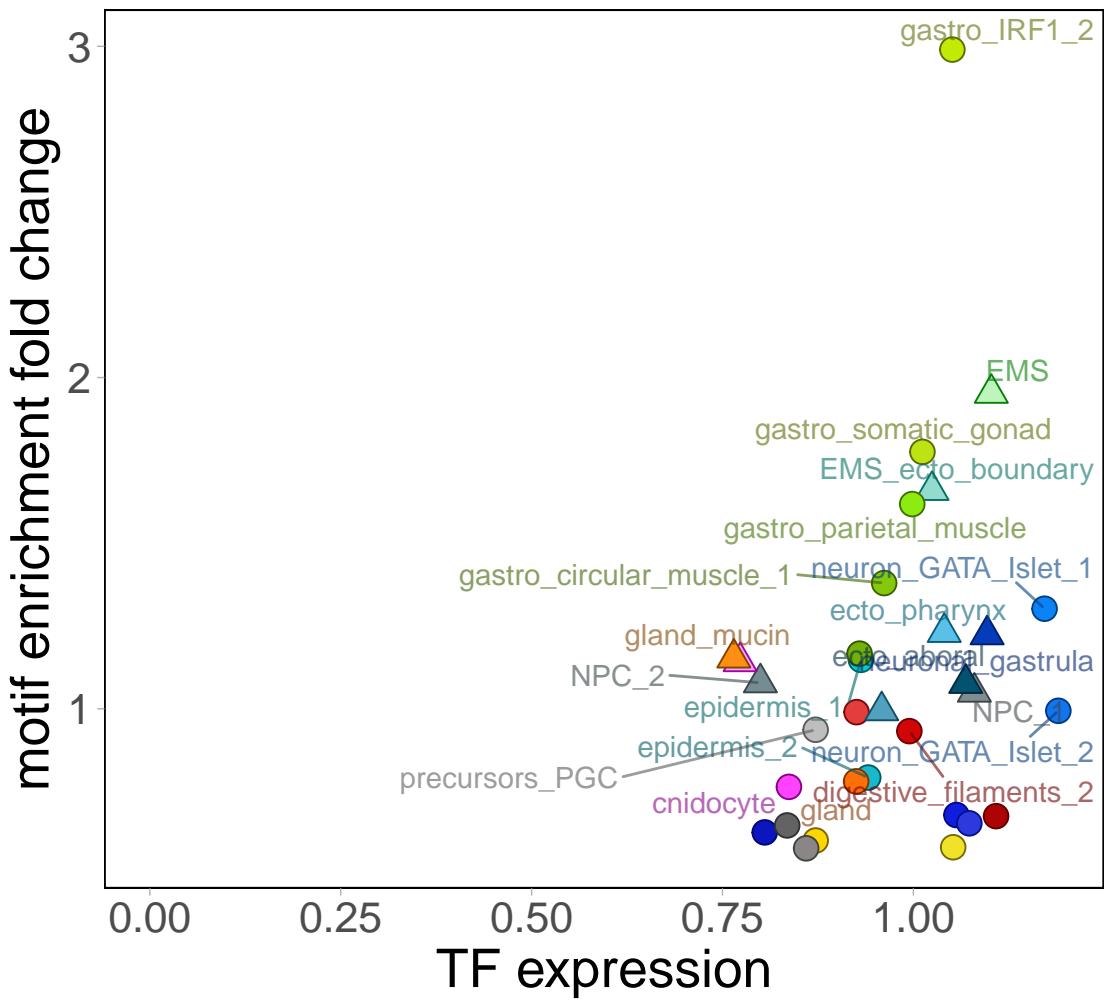
rank: 601

gene expression correlation: 0.3411

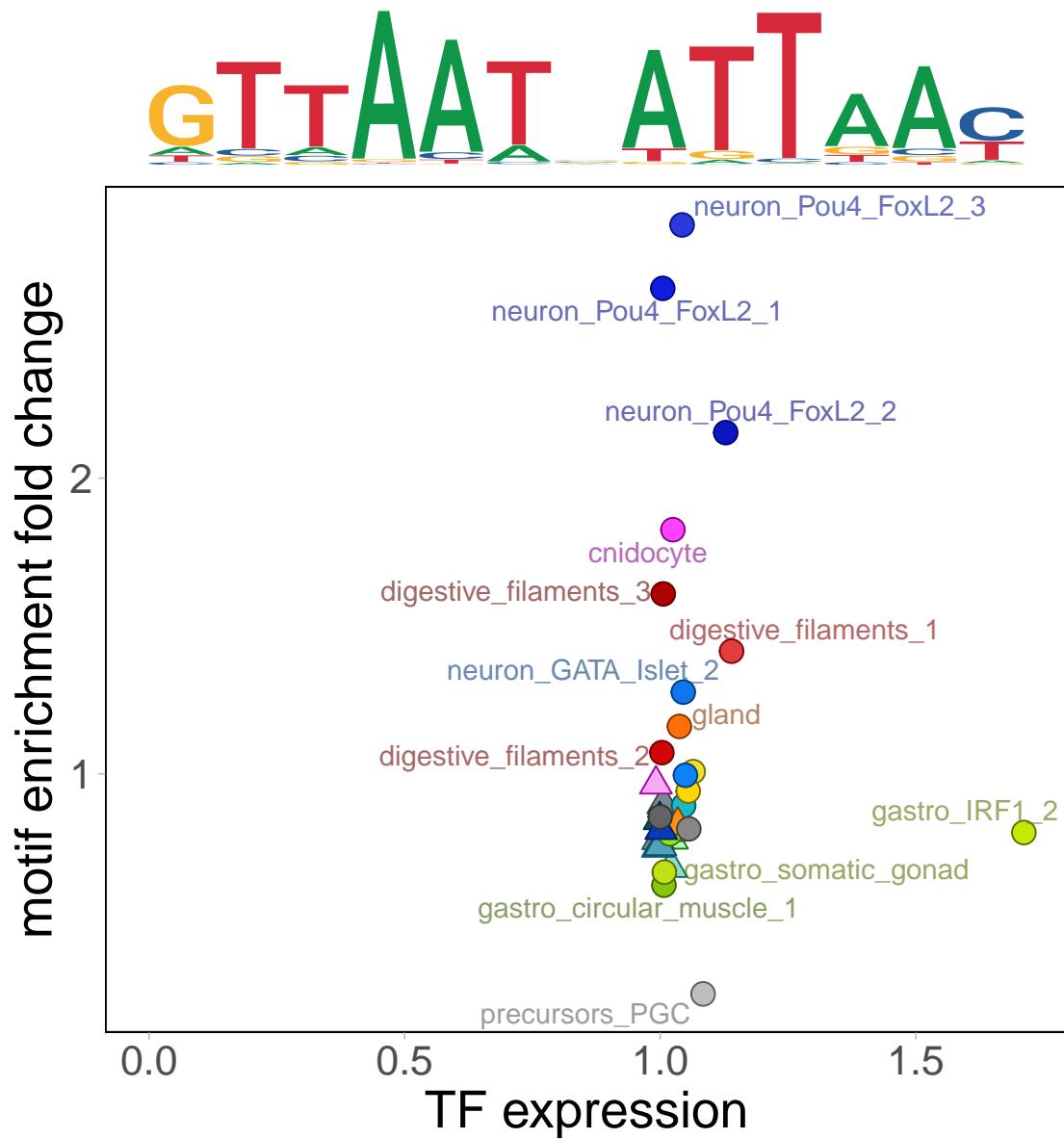
gene score correlation: 0.1843



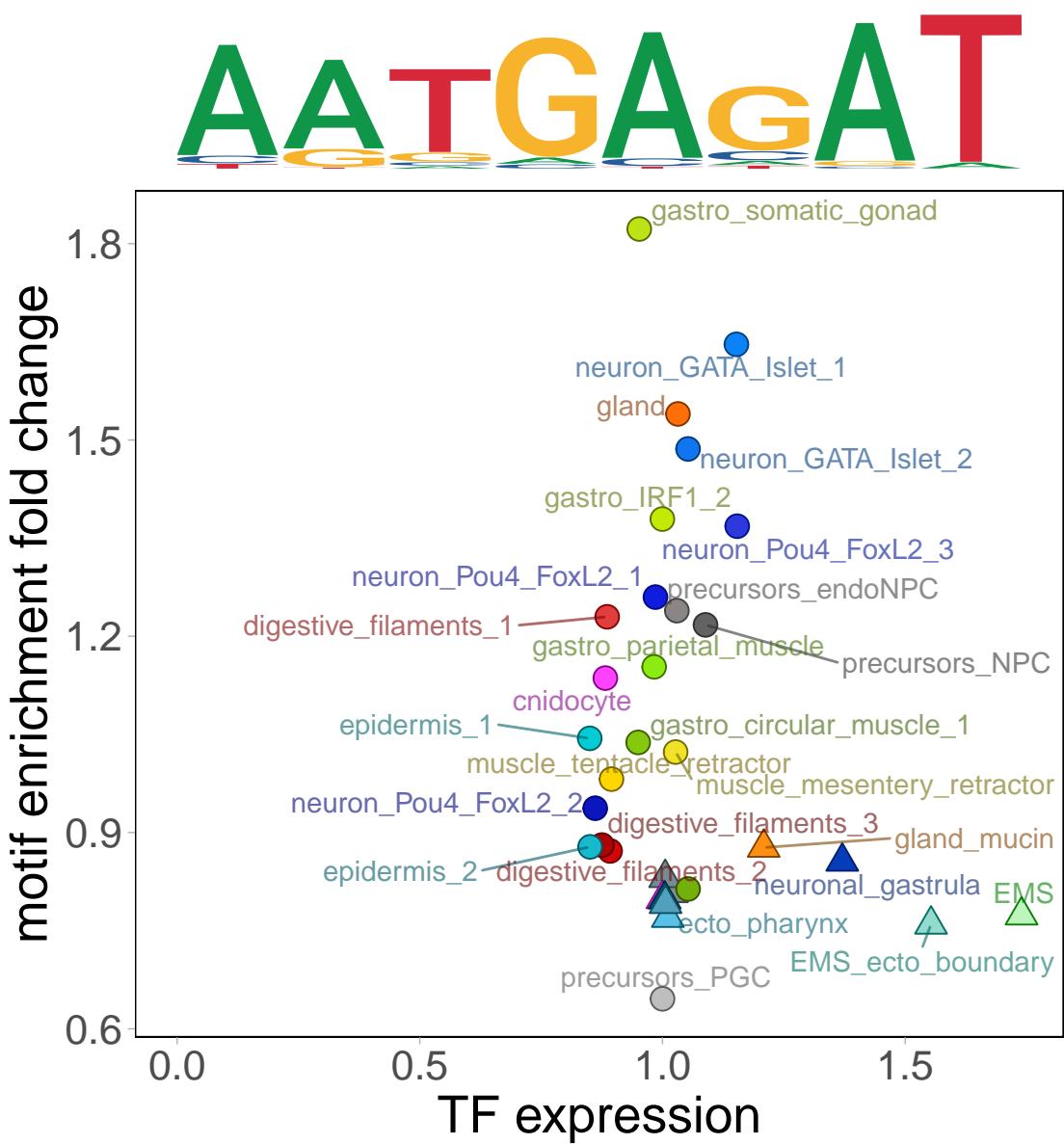
Nvec_vc1.1_XM_032385089.2
OG: Ets.HG1.7:GABPA
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 47
gene expression correlation: 0.2786
gene score correlation: 0.5131



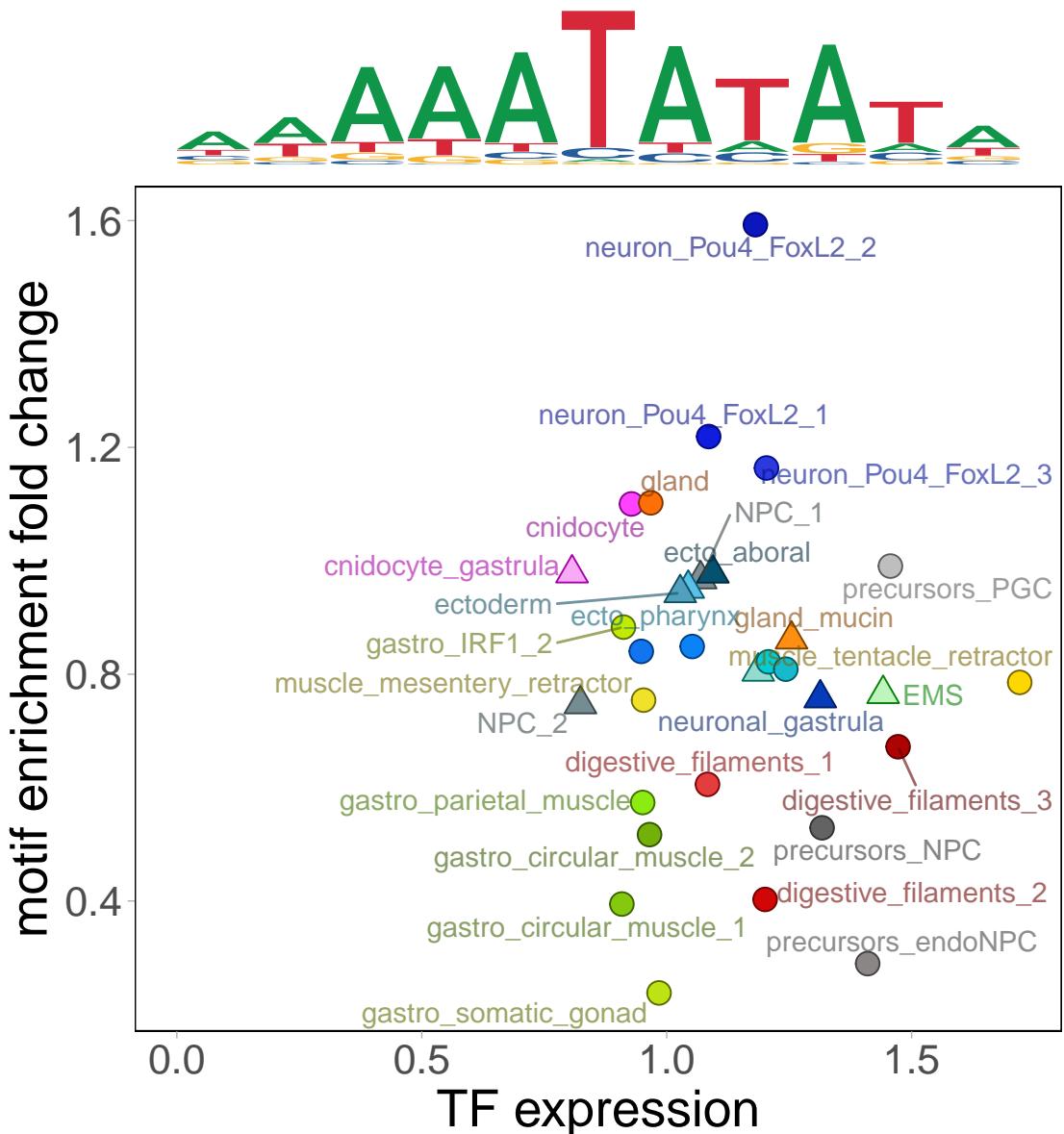
Nvec_vc1.1_XM_032385169.2
OG: Homeodomains.HG1.71:like:NOTO
PFAM: Homeodomain
motif: ARCH103_Hnf1a/Hnf1b
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 34
gene expression correlation: -0.0221
gene score correlation: 0.0915



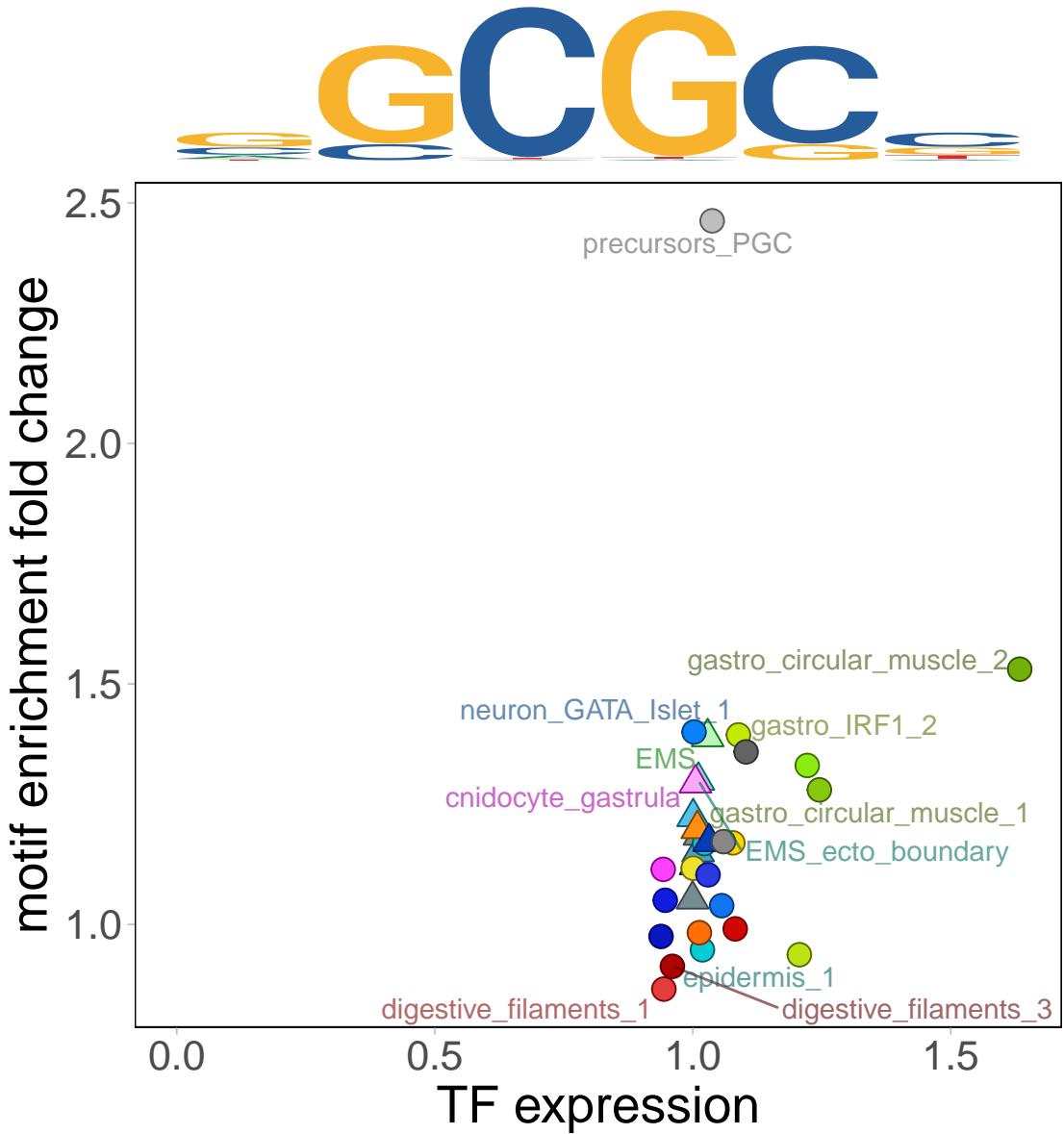
Nvec_vc1.1_XM_032385556.2
OG: Homeodomains.HG4.9:like:POU3F
PFAM: Pou/Homeodomain
motif: ARCH950_POU6F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 63
gene expression correlation: -0.1600
gene score correlation: 0.5625



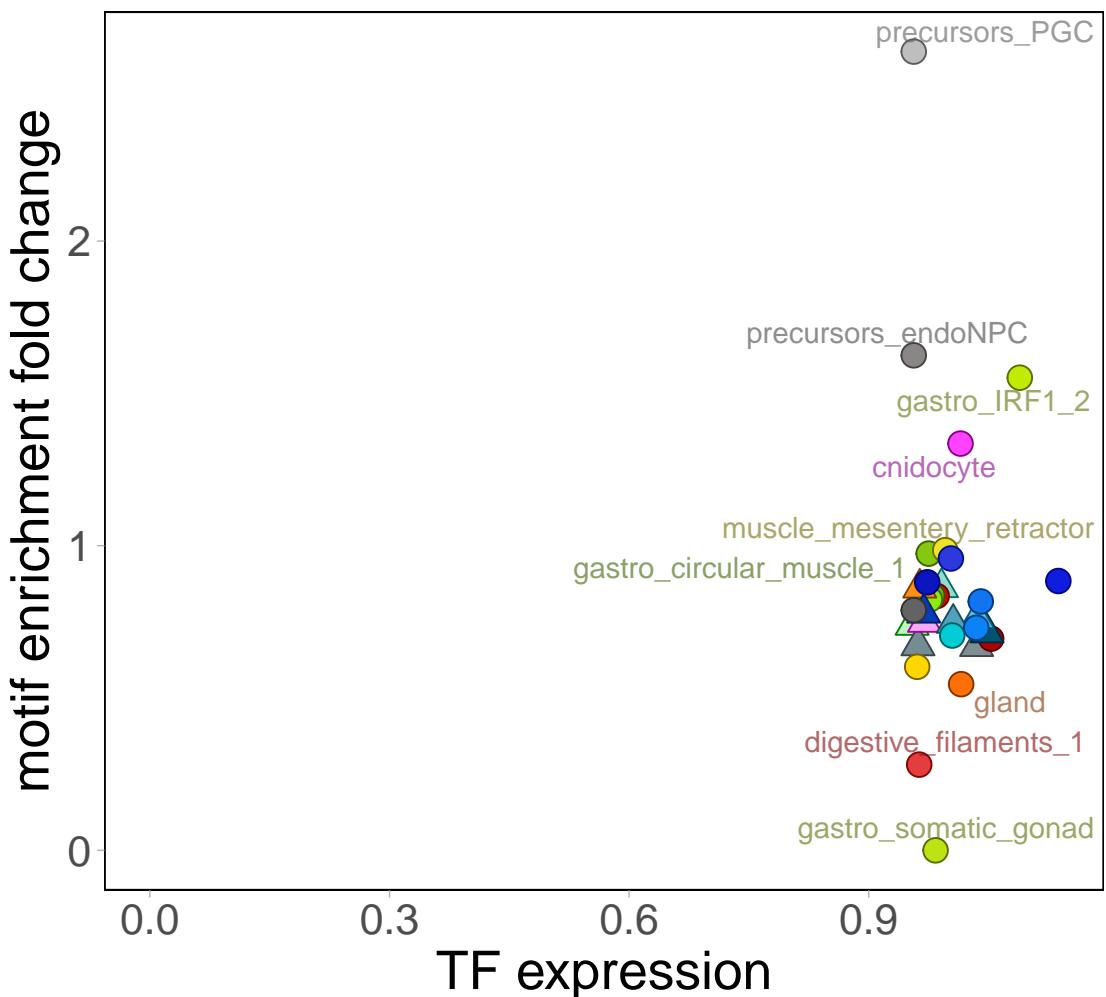
Nvec_vc1.1_XM_032385577.2
OG: Homeodomains.HG3.2:CERS2/CE
PFAM: Homeodomain/TRAM_LAG1_CL
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 47
gene expression correlation: -0.0645
gene score correlation: 0.1762



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: 0.2719
gene score correlation: 0.3178



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: -0.0165
gene score correlation: 0.5464



Nvec_vc1.1_XM_032386464.2

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

PFAM: HLH

motif: ARCH1373_bHLH130

TF family: HLH

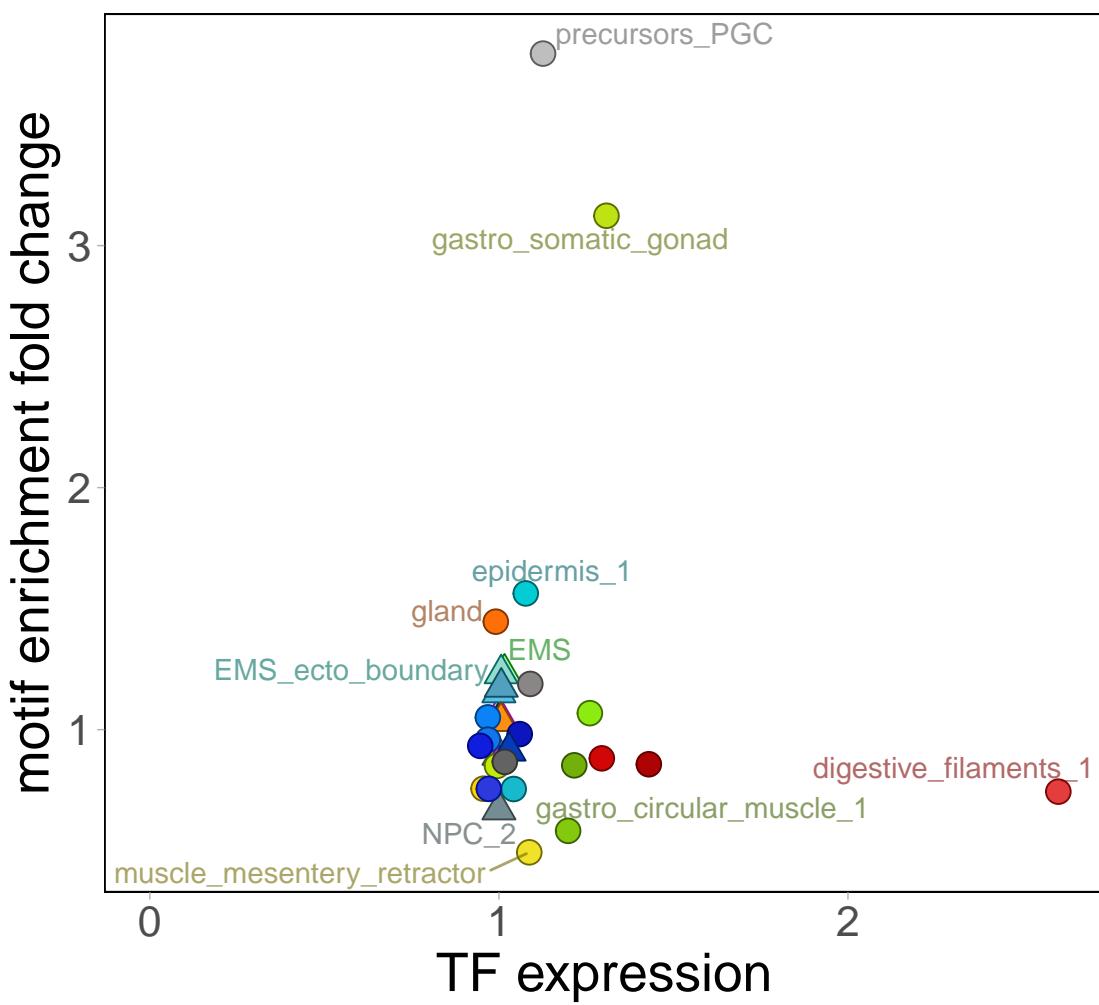
archetype family: HLH

CisBP assigned: FALSE

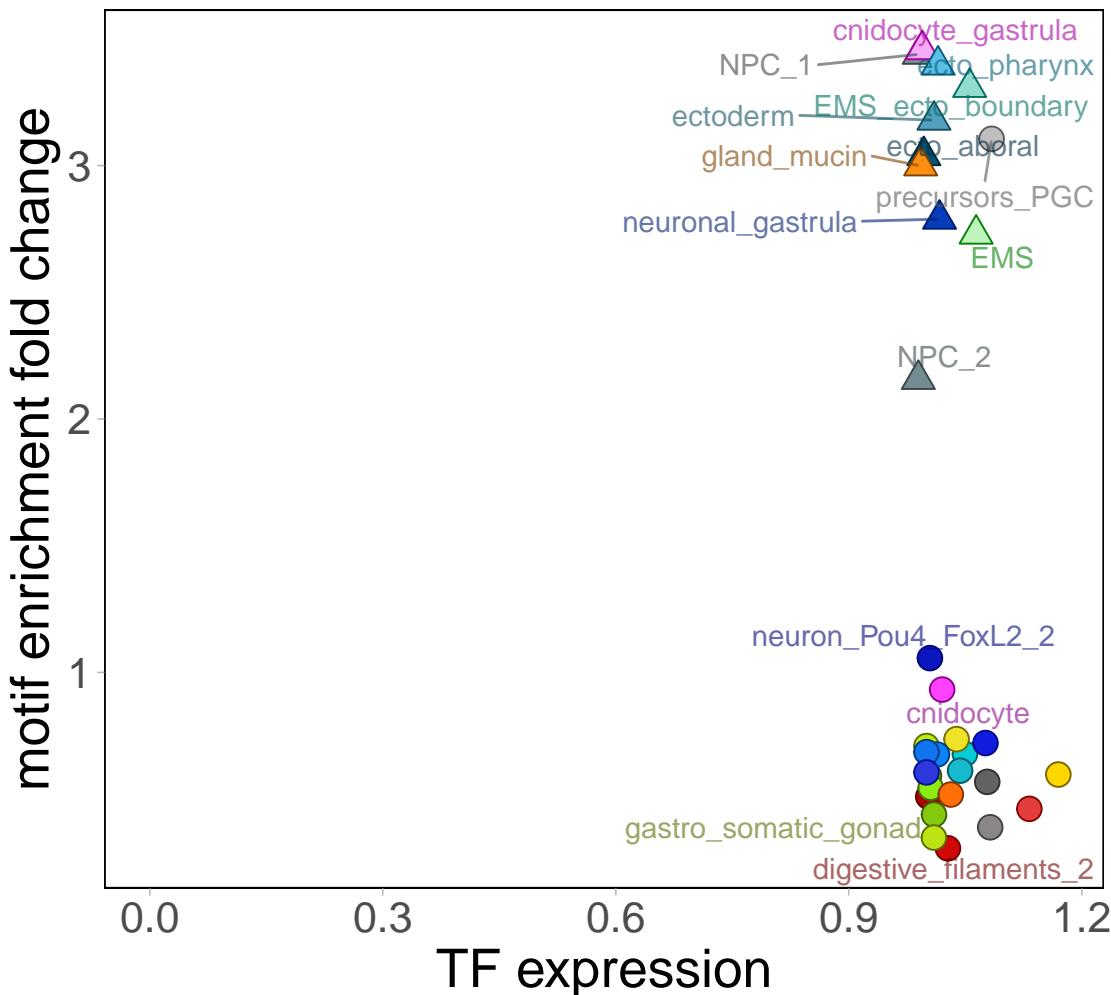
rank: 257

gene expression correlation: -0.0017

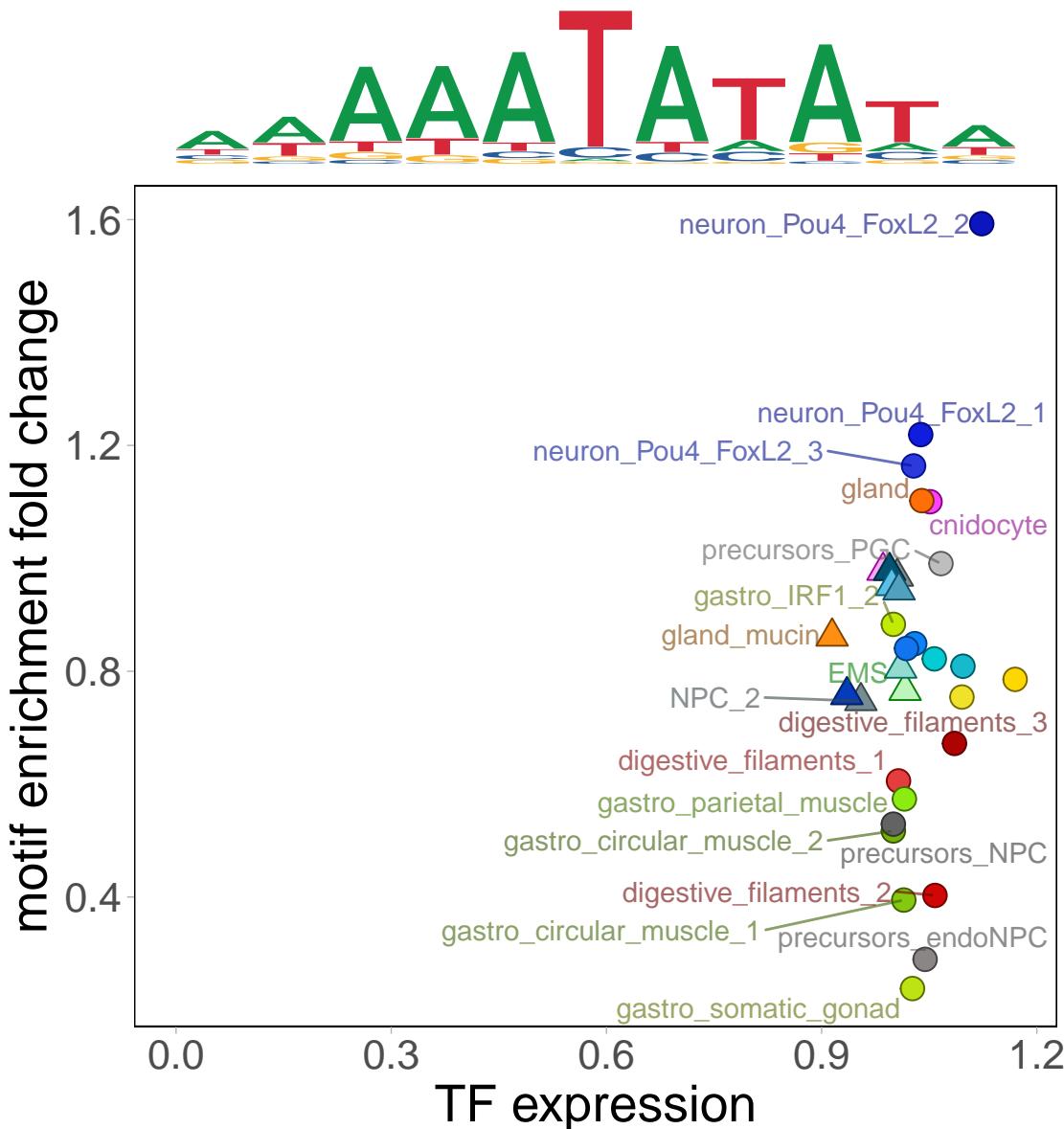
gene score correlation: 0.0342



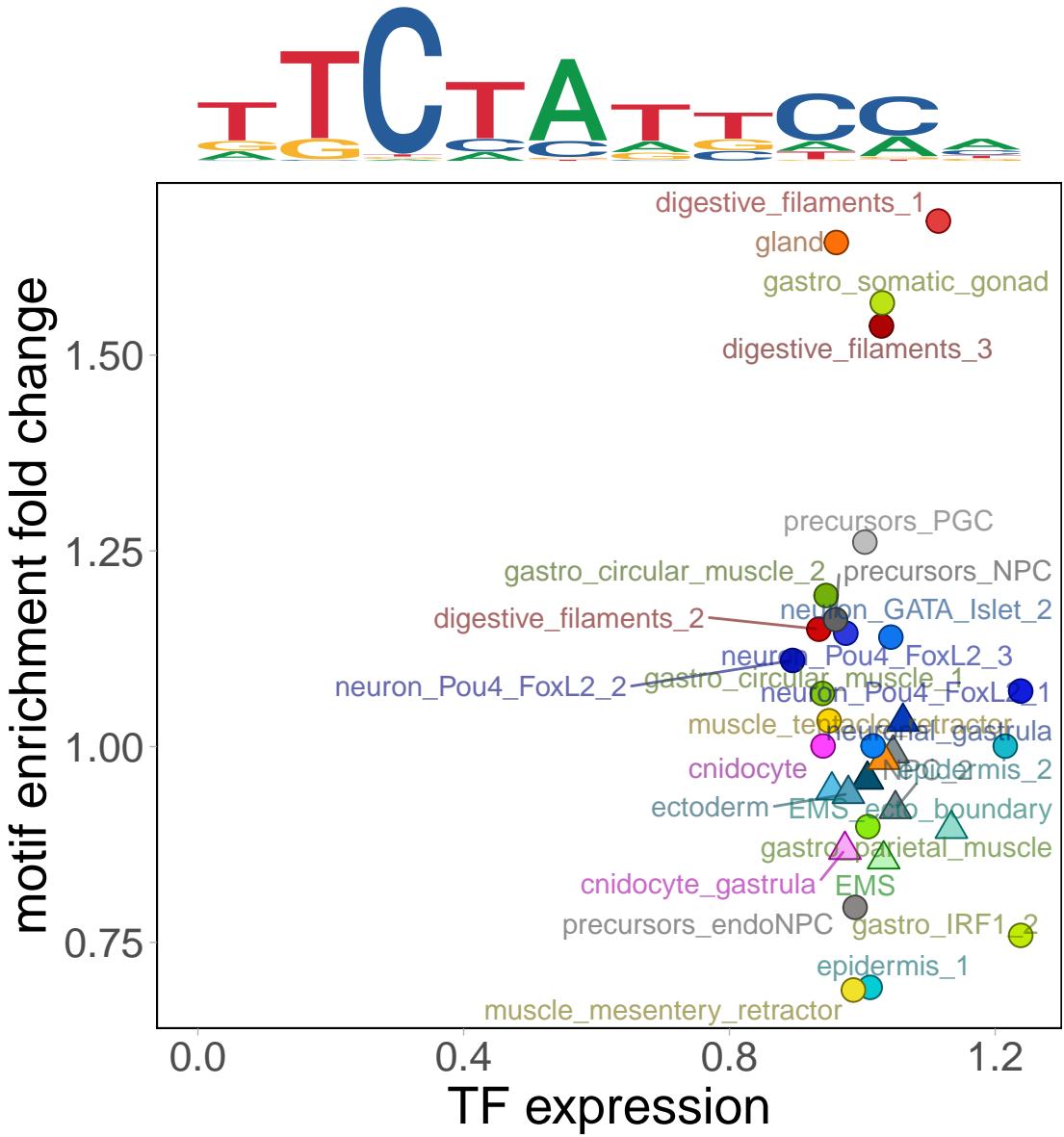
Nvec_vc1.1_XM_032386968.2
OG: zf-C2H2.HG1.116:like:AC008758.1
PFAM: zf-C2H2/zf-C2H2_4
motif: ARCH1253_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: -0.2244
gene score correlation: 0.0591



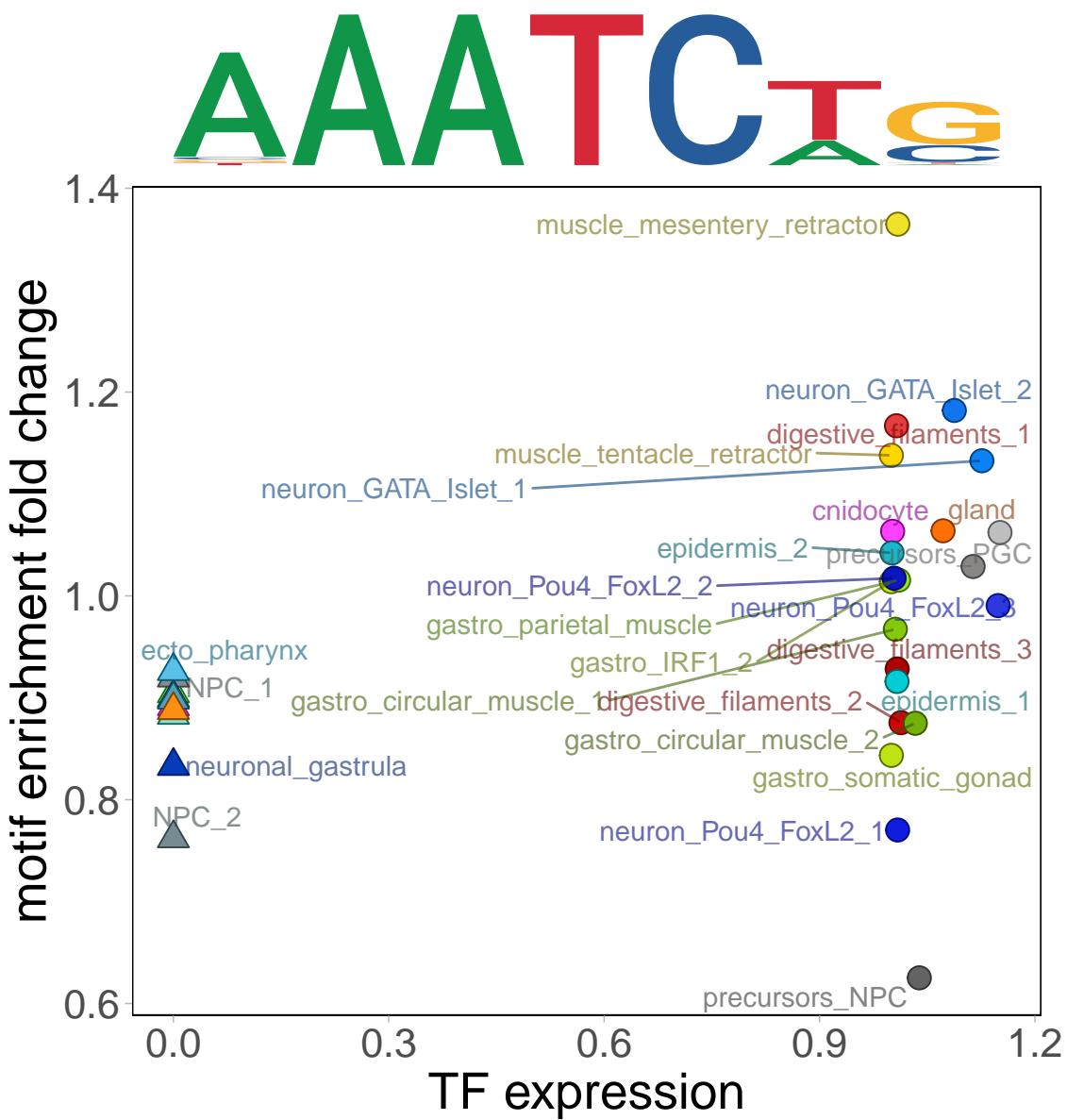
Nvec_vc1.1_XM_032386992.2
OG: Homeodomains.HG3.13:ONECUT1
PFAM: CUT/Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.1534
gene score correlation: 0.1959



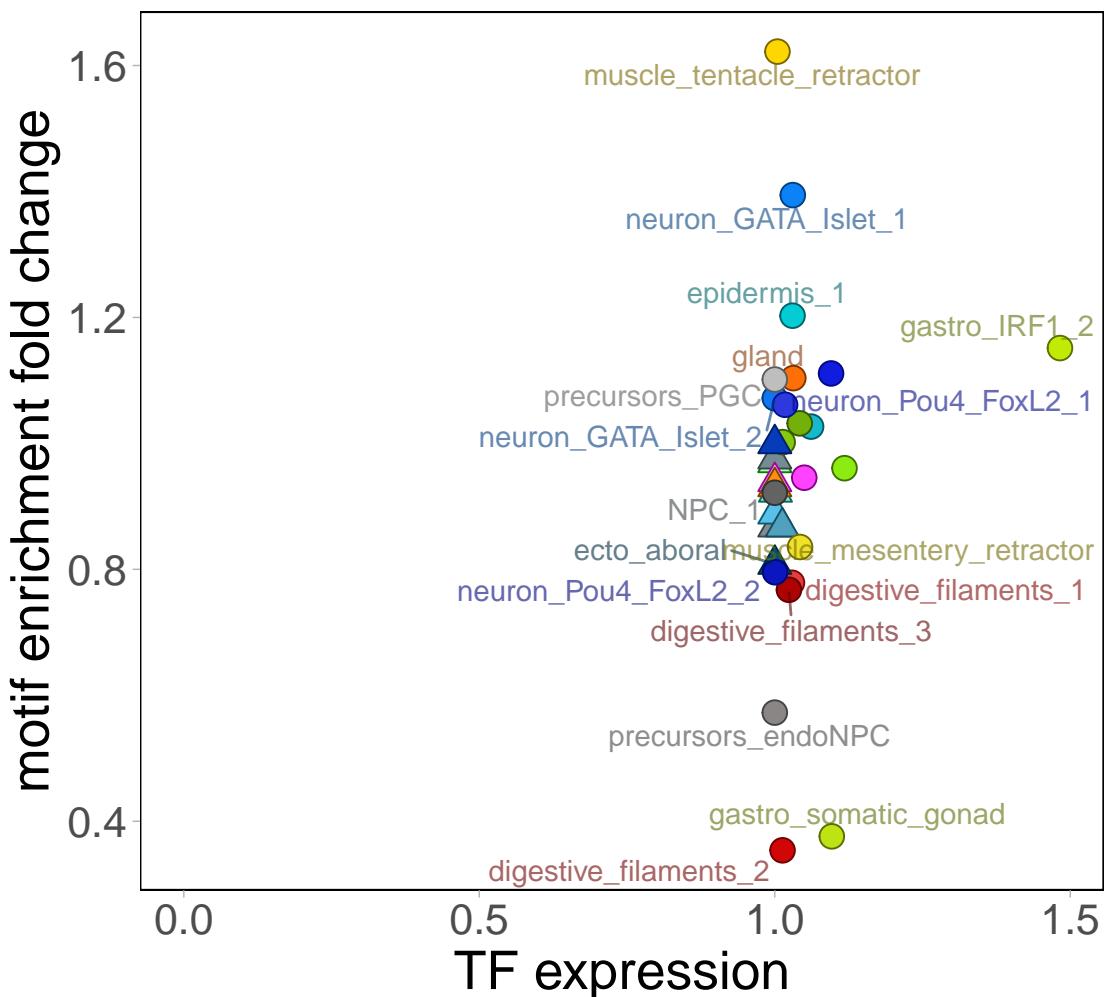
Nvec_vc1.1_XM_032387218.2
OG: zf-C2H2.HG57.1:like:ZBTB48
PFAM: zf-C2H2_6/zf-C2H2_6/zf-met/z
motif: ARCH627_ZNF189
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 56
gene expression correlation: -0.0796
gene score correlation: 0.1987



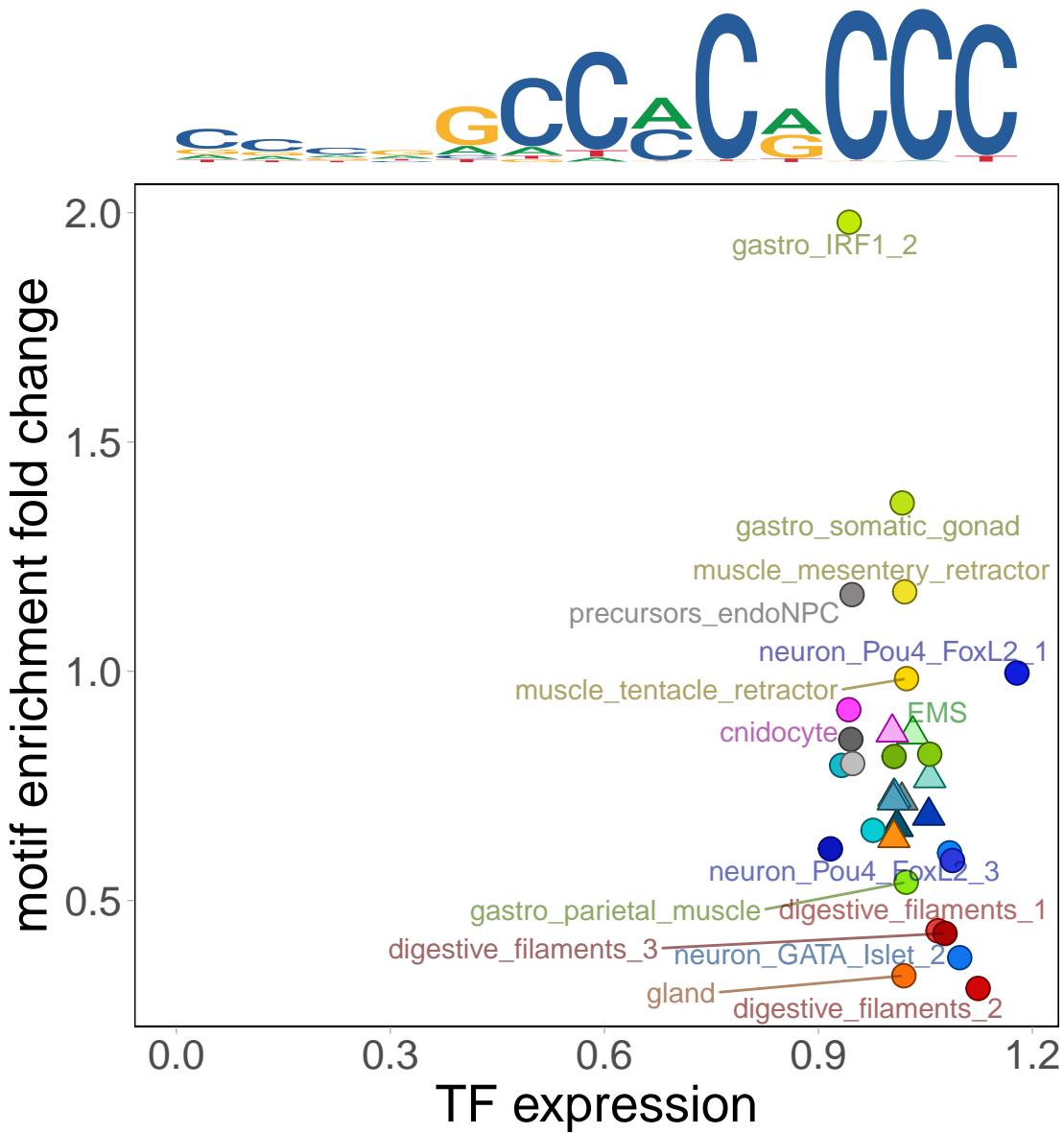
Nvec_vc1.1_XM_032387281.2
OG: zf-C2H2.HG15.1:OVOL1/OVOL2/C
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 460
gene expression correlation: 0.4162
gene score correlation: 0.0798



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: 0.1161
gene score correlation: 0.1904



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: -0.3707
gene score correlation: 0.4882



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

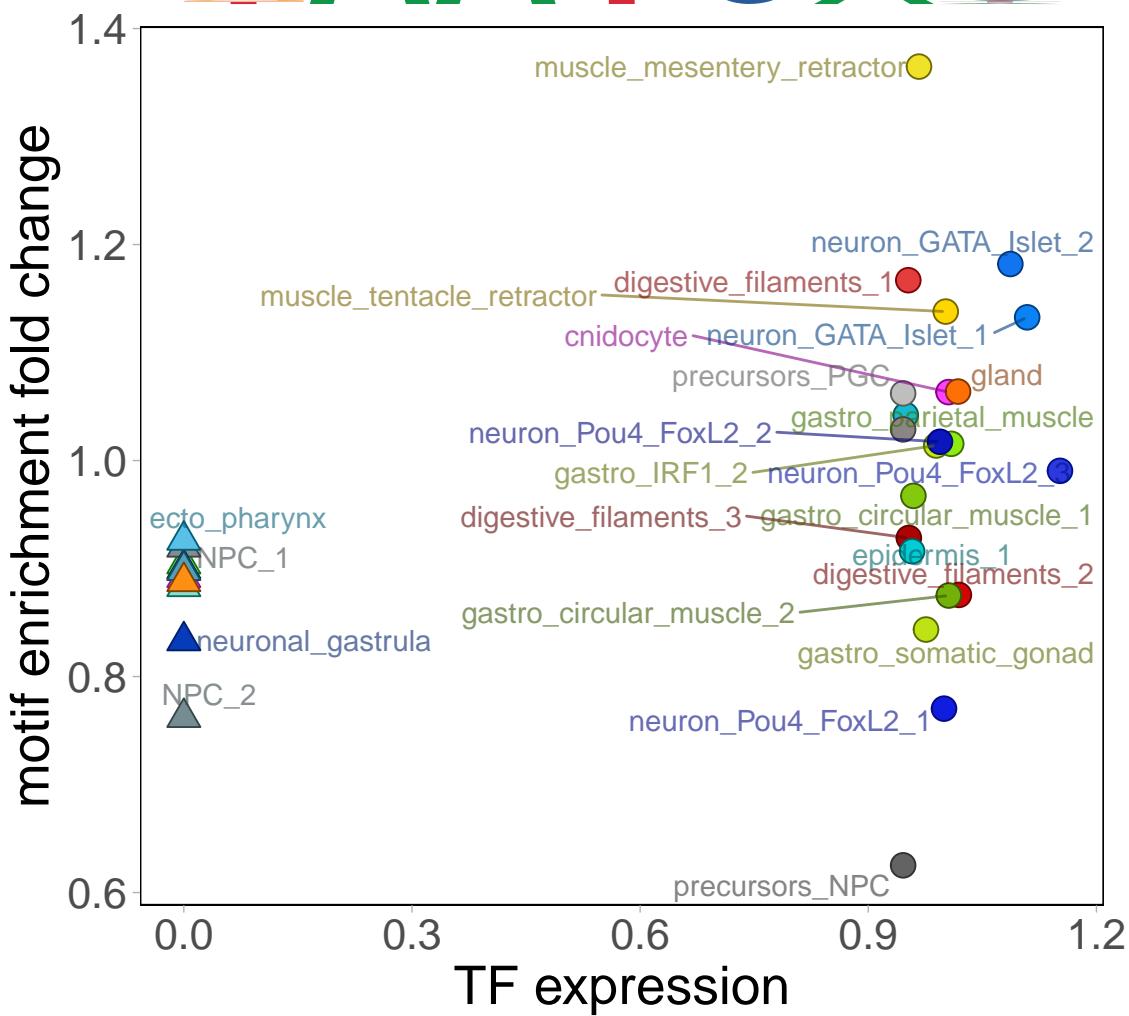
archetype family: zf-C2H2

CisBP assigned: FALSE

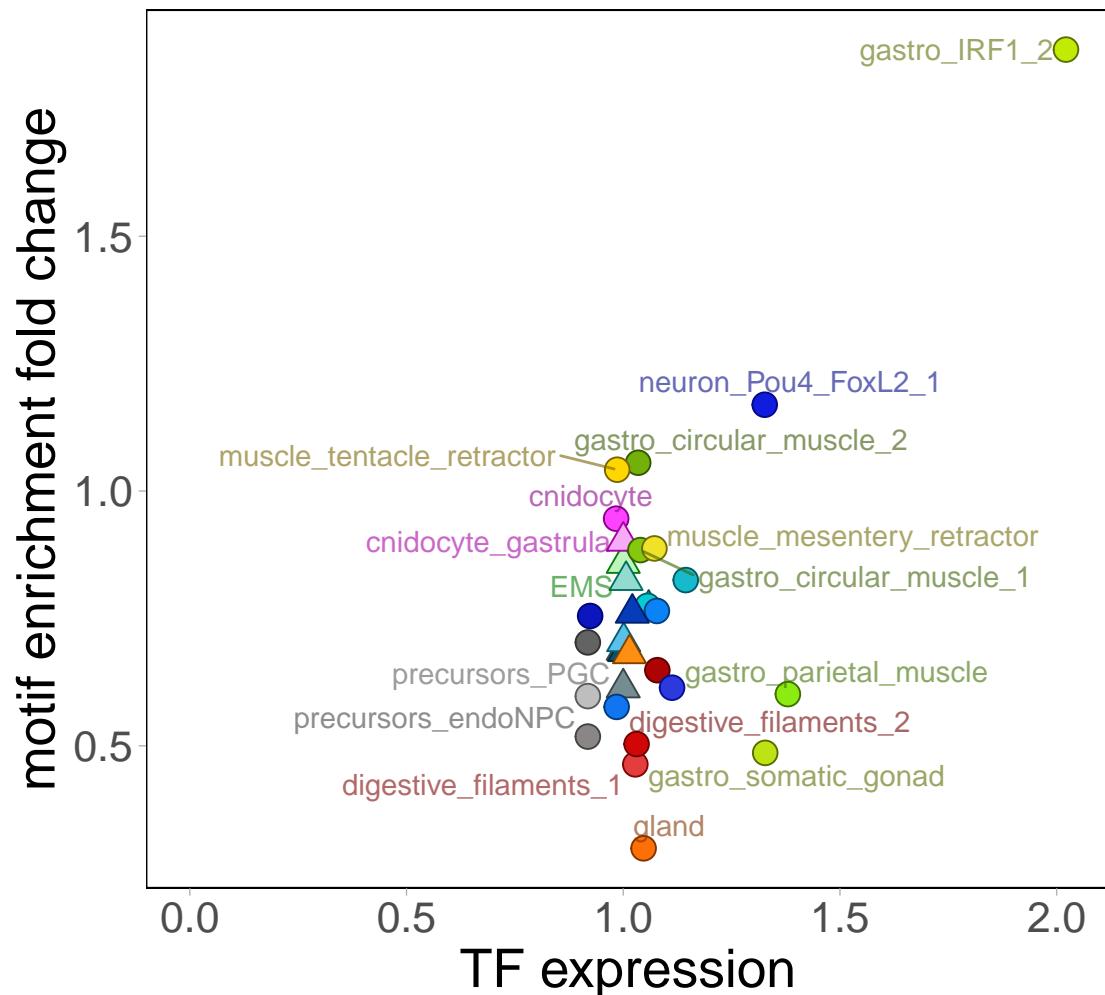
rank: 684

gene expression correlation: 0.4194

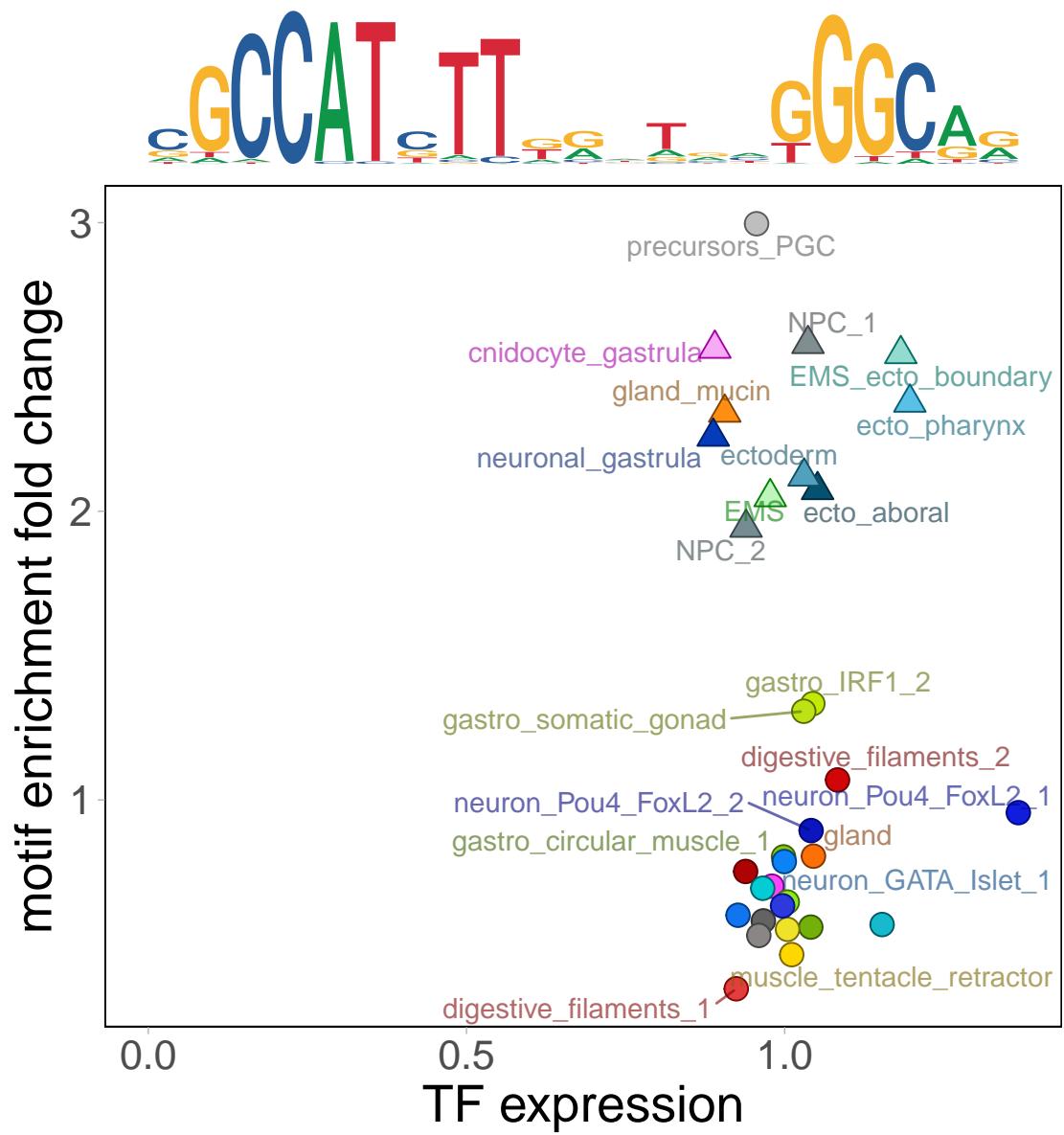
gene score correlation: 0.0525



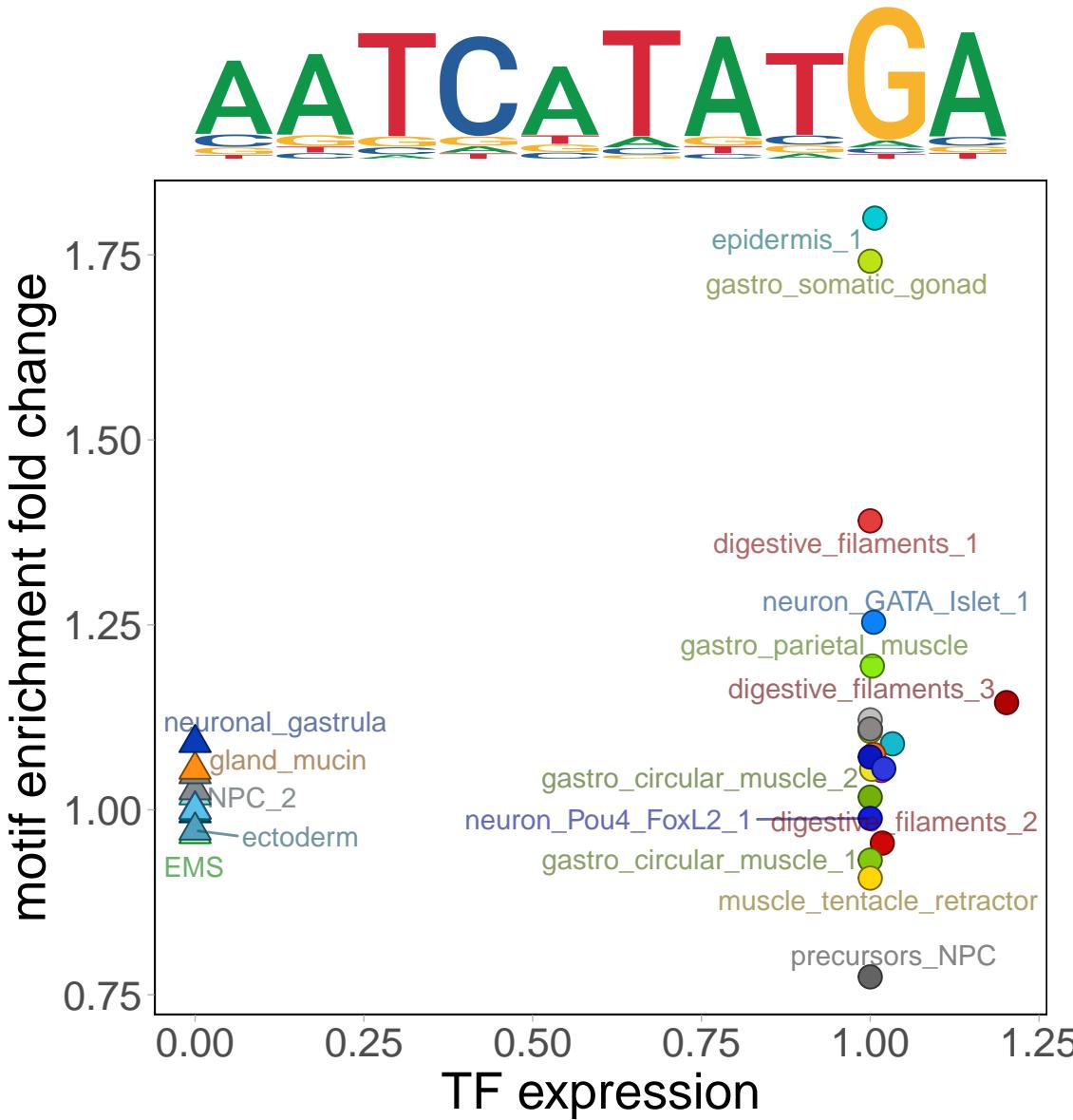
Nvec_vc1.1_XM_048720219.1
OG: zf-C2H2.HG1.36:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2
motif: ARCH341_Klf11_Klf15_Sp6/Sp5.
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 111
gene expression correlation: 0.6381
gene score correlation: 0.2067



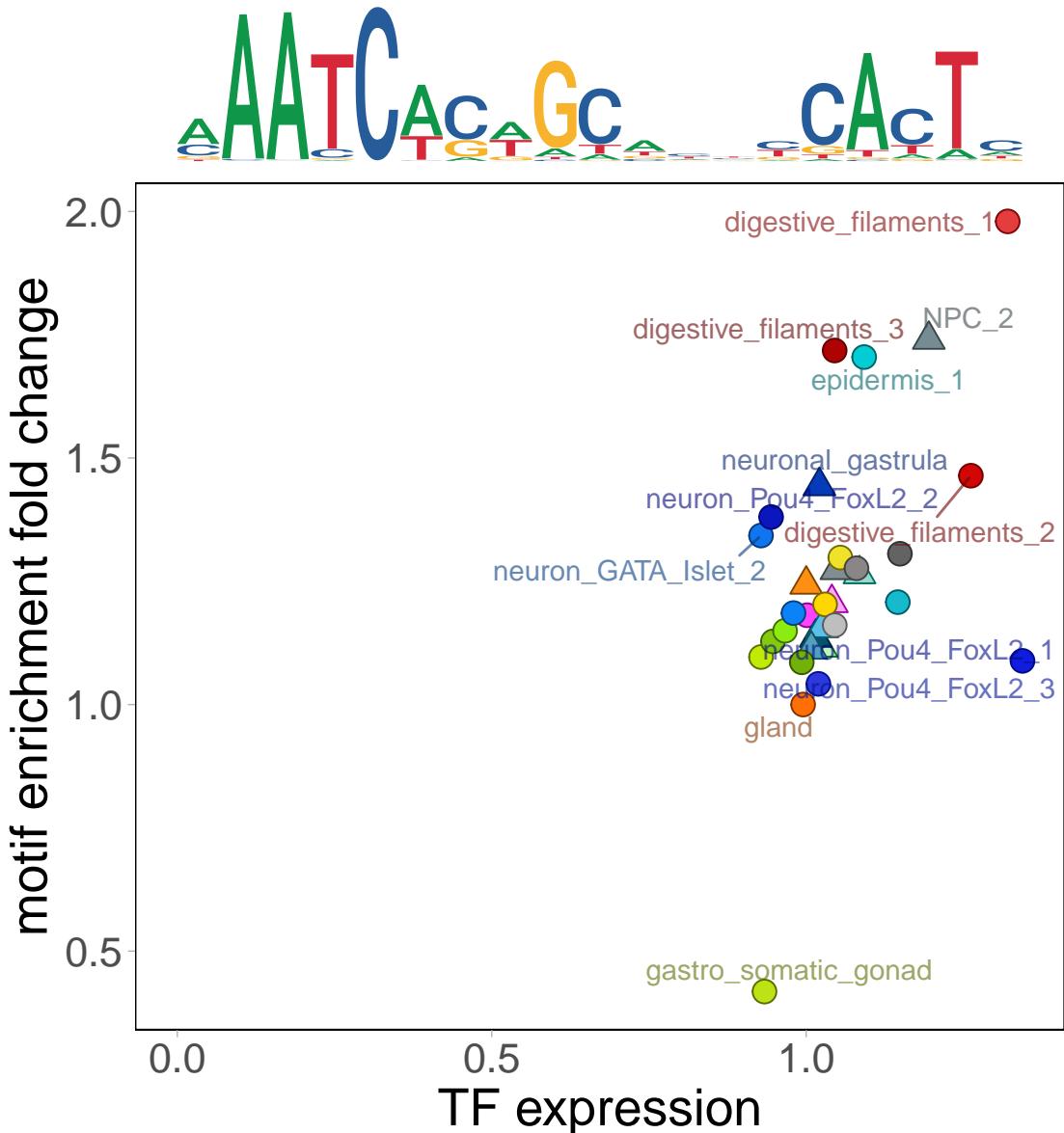
Nvec_vc1.1_XM_048720635.1
OG: THAP_finger.HG1.0:AC073612.1/T
PFAM: THAP
motif: ARCH1254_M08020_2.00
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 297
gene expression correlation: -0.0052
gene score correlation: -0.1651



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: 0.2647
gene score correlation: 0.0449



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: 0.5036
gene score correlation: 0.2451



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

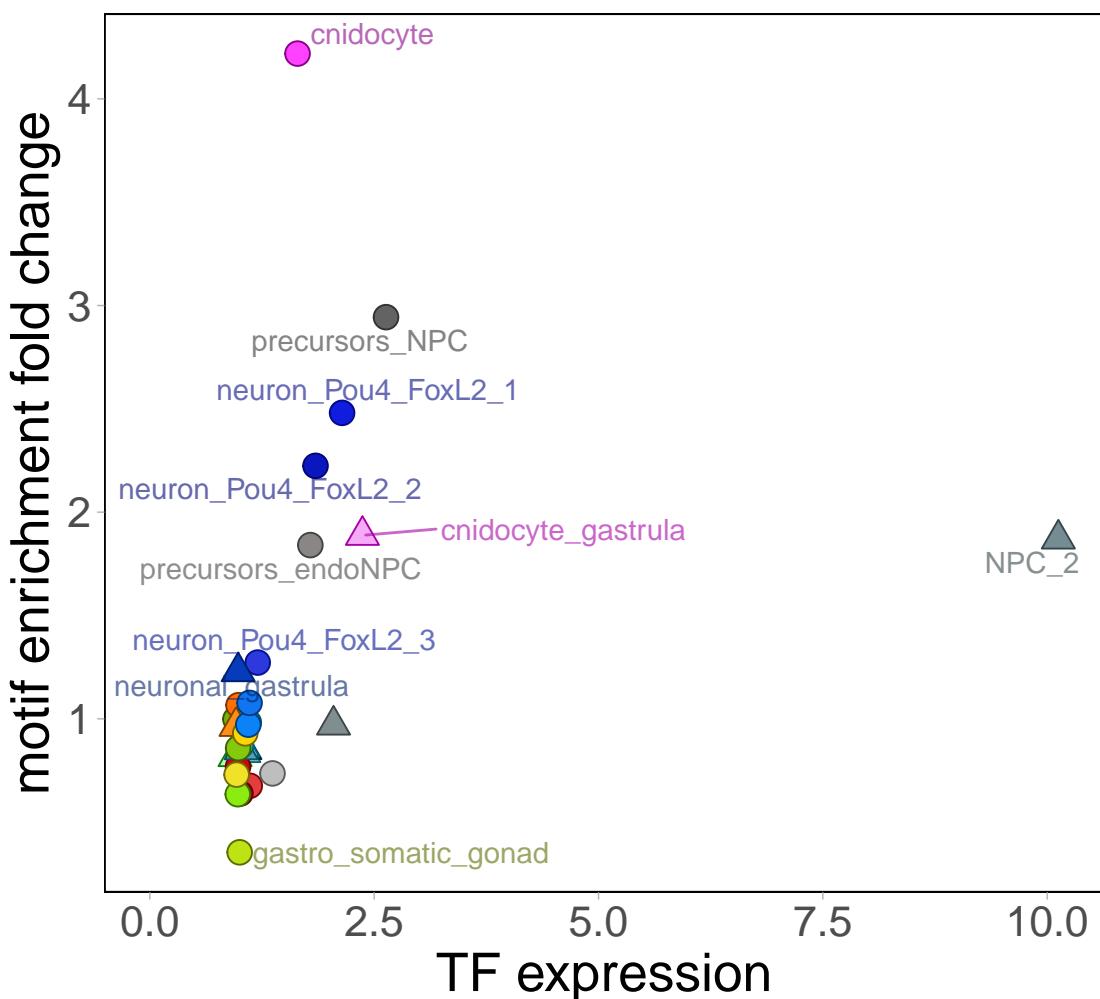
archetype family: zf-C2H2

CisBP assigned: FALSE

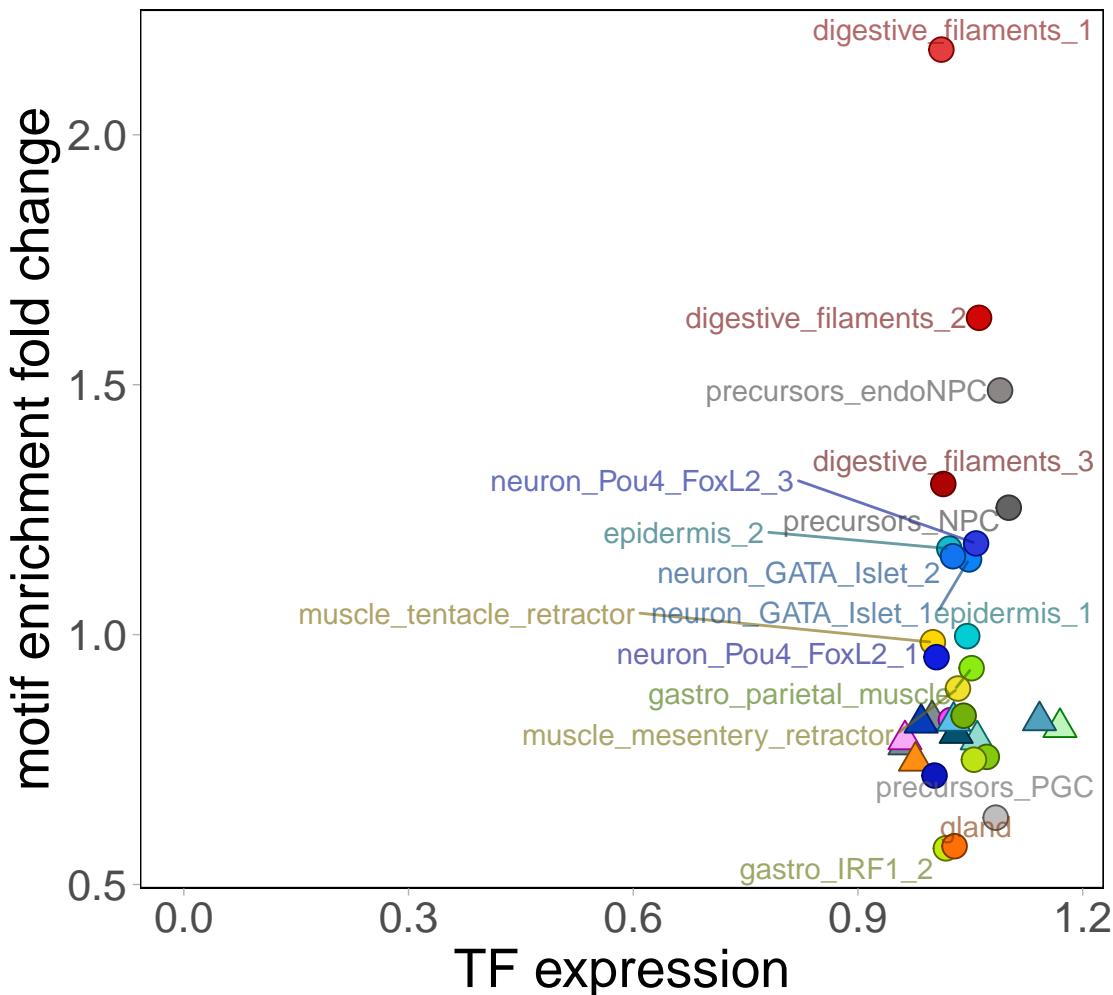
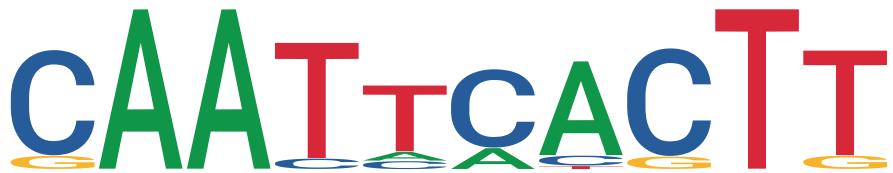
rank: 1

gene expression correlation: 0.3375

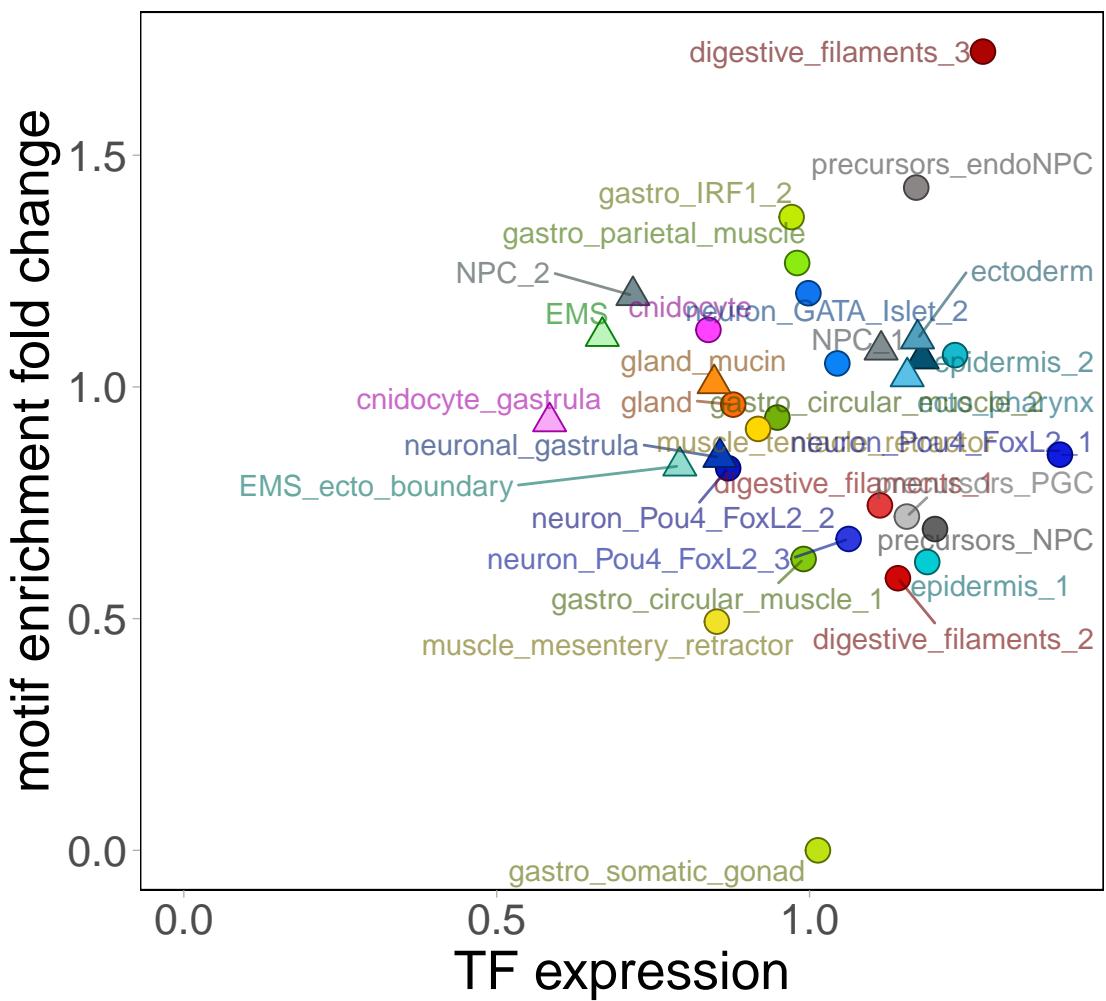
gene score correlation: 0.8308



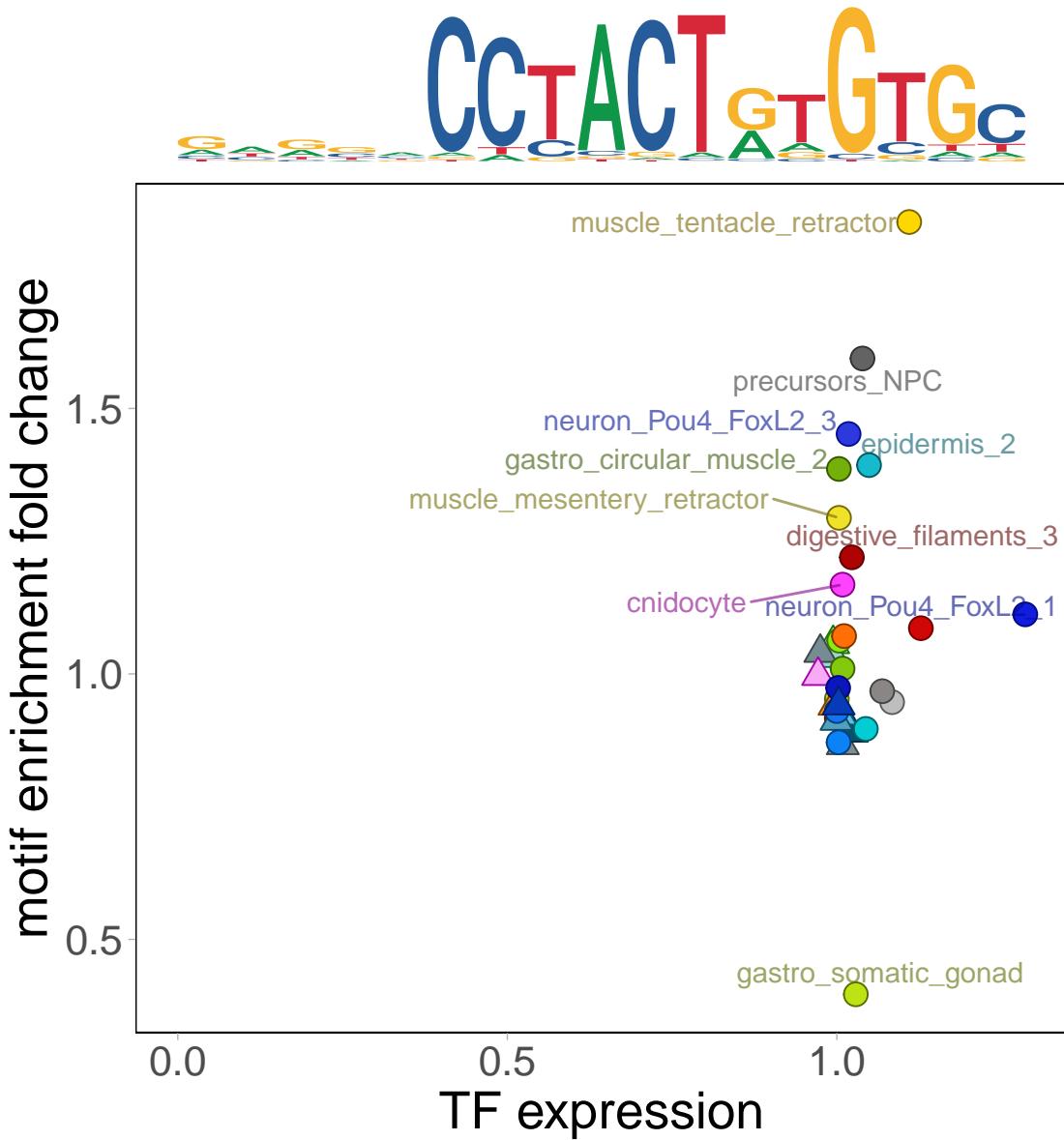
Nvec_vc1.1_XM_048721452.1
OG: HMGbox_Sox.HG1.62:like:NSD2
PFAM: WD40/WD40/Mcl1_mid/HMG_box
motif: ARCH128_PB0068.1_Sox1_1
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 302
gene expression correlation: 0.0747
gene score correlation: -0.0647



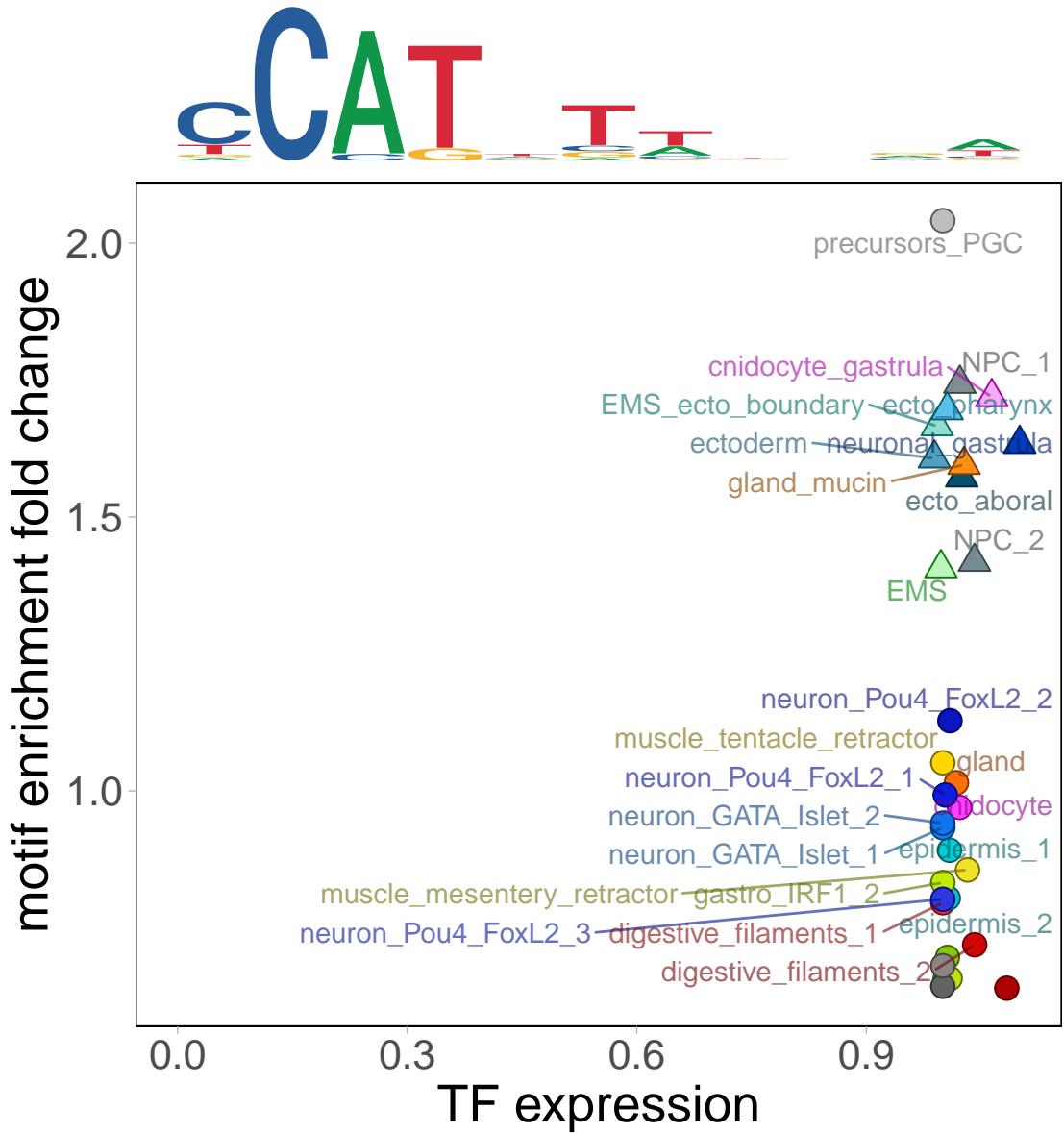
Nvec_vc1.1_XM_048721609.1
OG: Myb.HG3.0:like:HSPA14/MSANTD
PFAM: Myb_DNA-bind_4
motif: ARCH193_MYB116
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.0404
gene score correlation: 0.0680



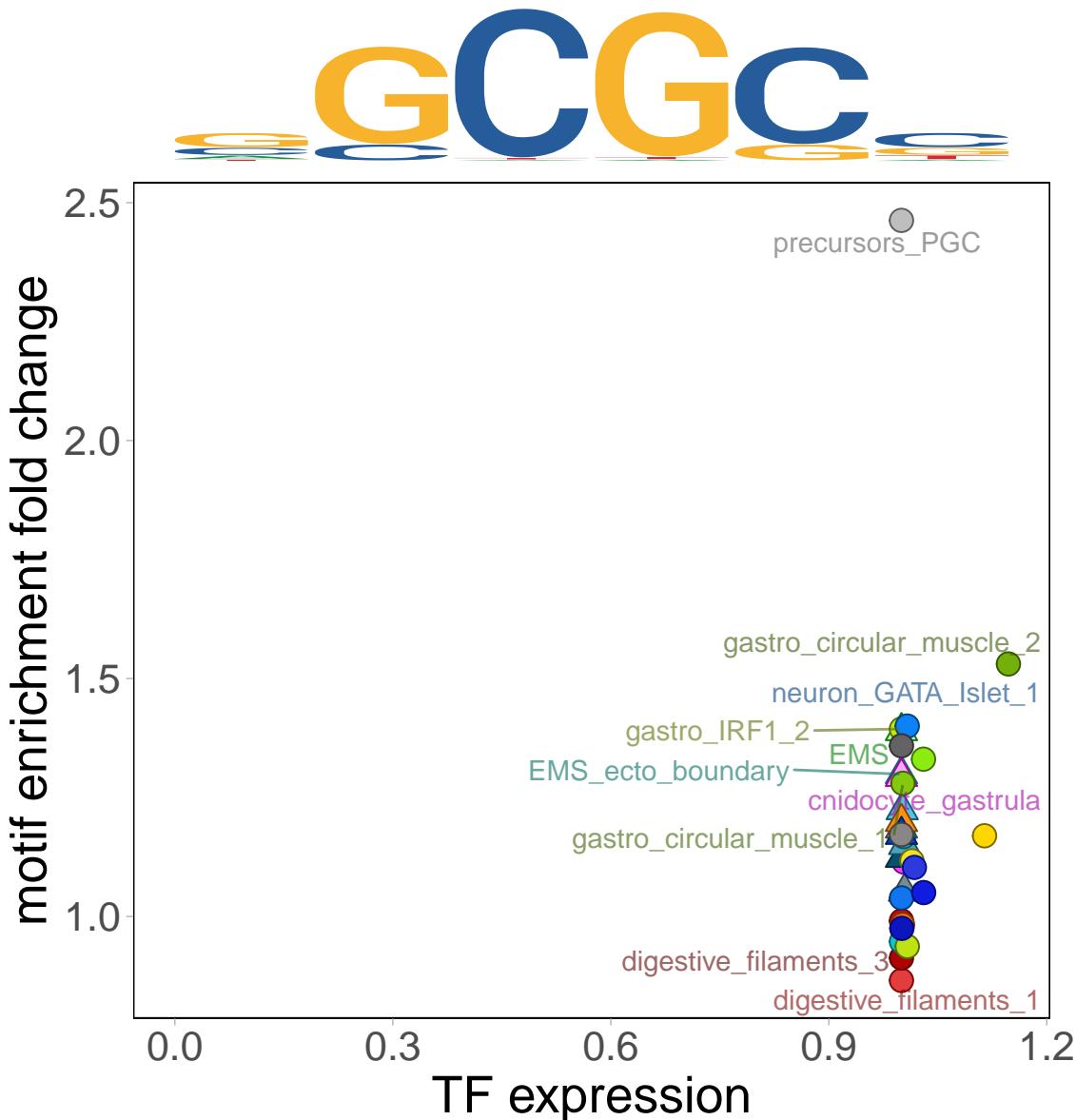
Nvec_vc1.1_XM_048721905.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1369_Zfp7/Gm21060
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 923
gene expression correlation: 0.2160
gene score correlation: -0.1218



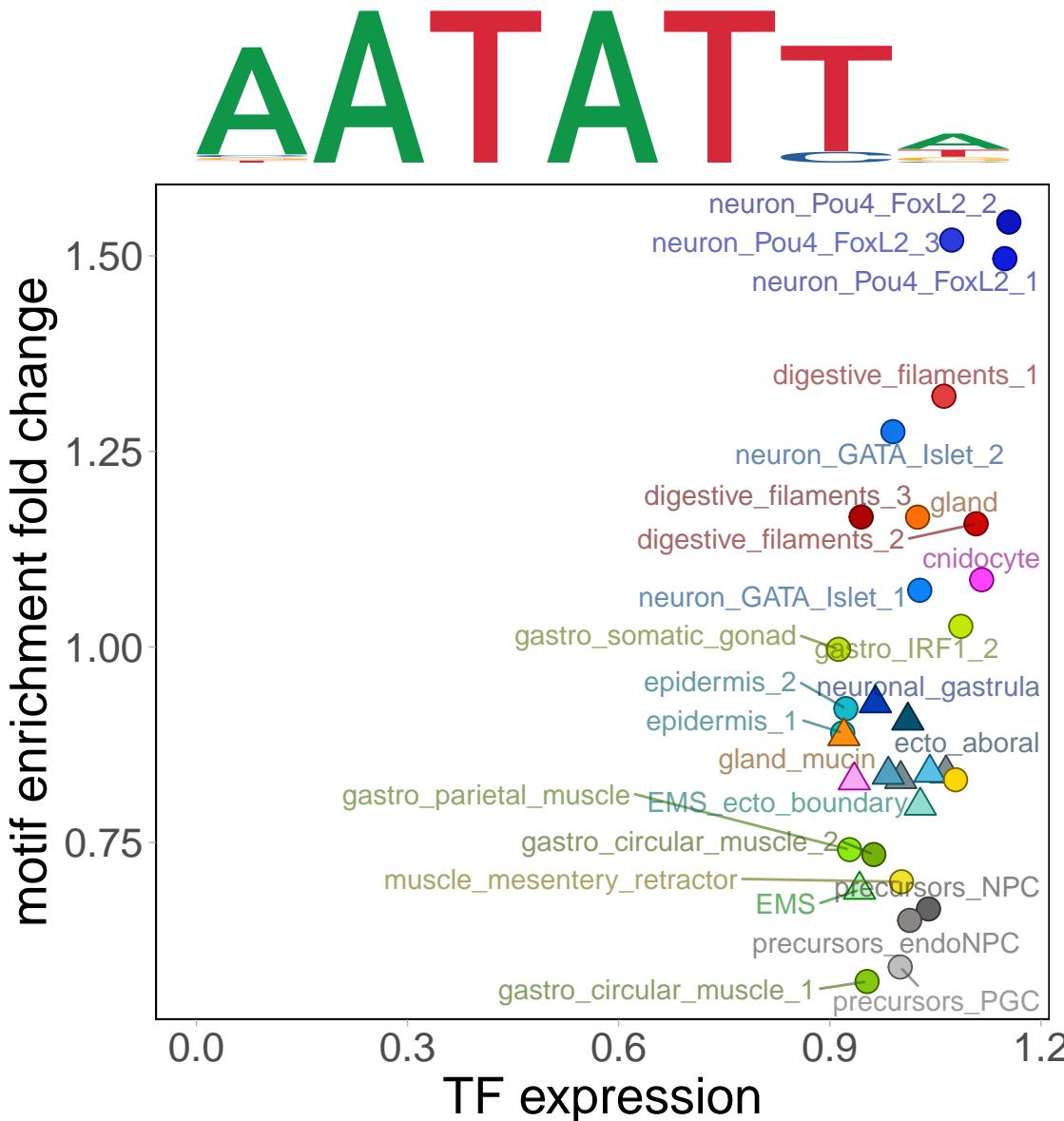
Nvec_vc1.1_XM_048721909.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1311_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 17
gene expression correlation: 0.1616
gene score correlation: 0.0522



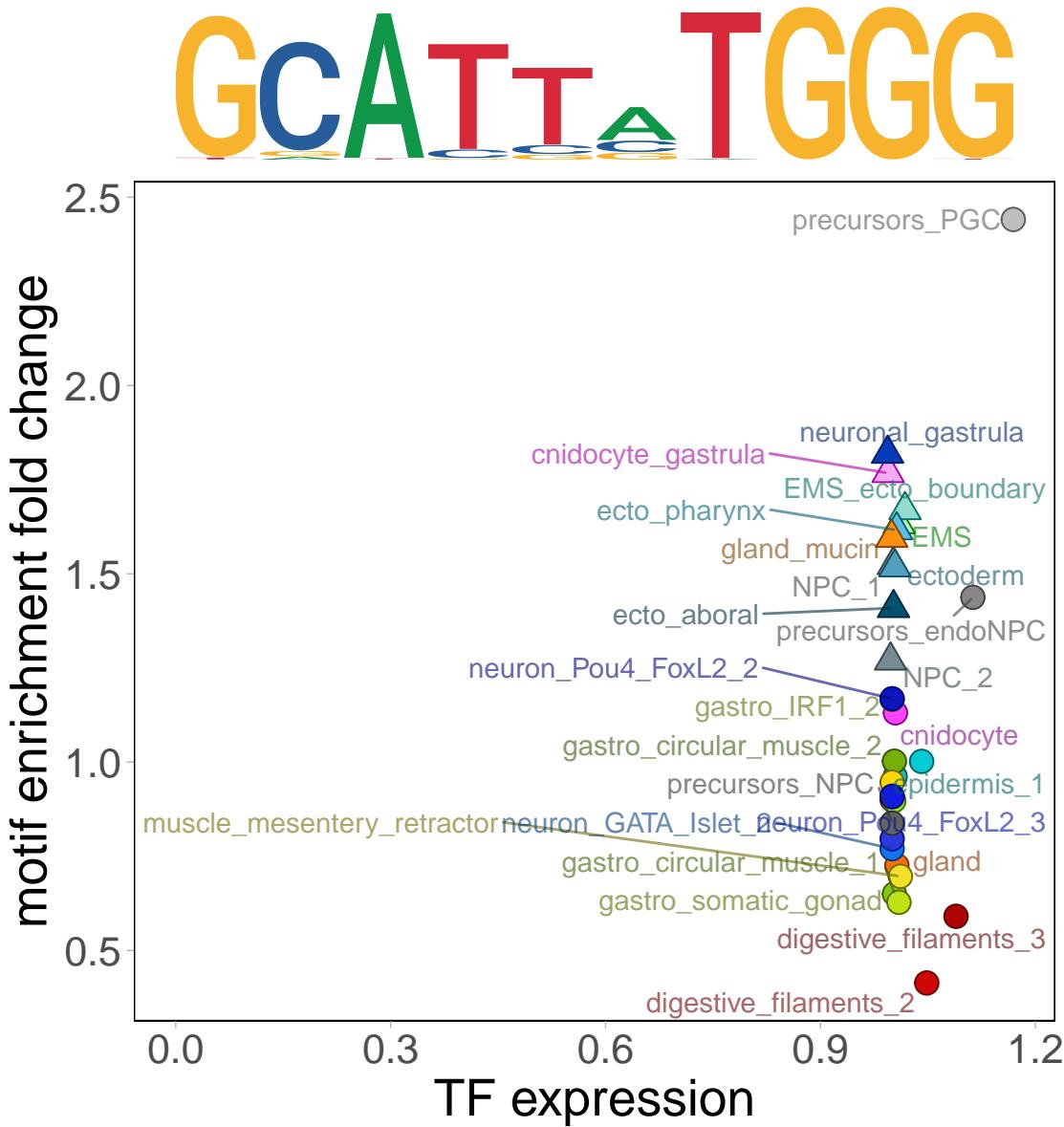
Nvec_vc1.1_XM_048722428.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP/E2F_CC-MB
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 288
gene expression correlation: 0.1407
gene score correlation: 0.0963



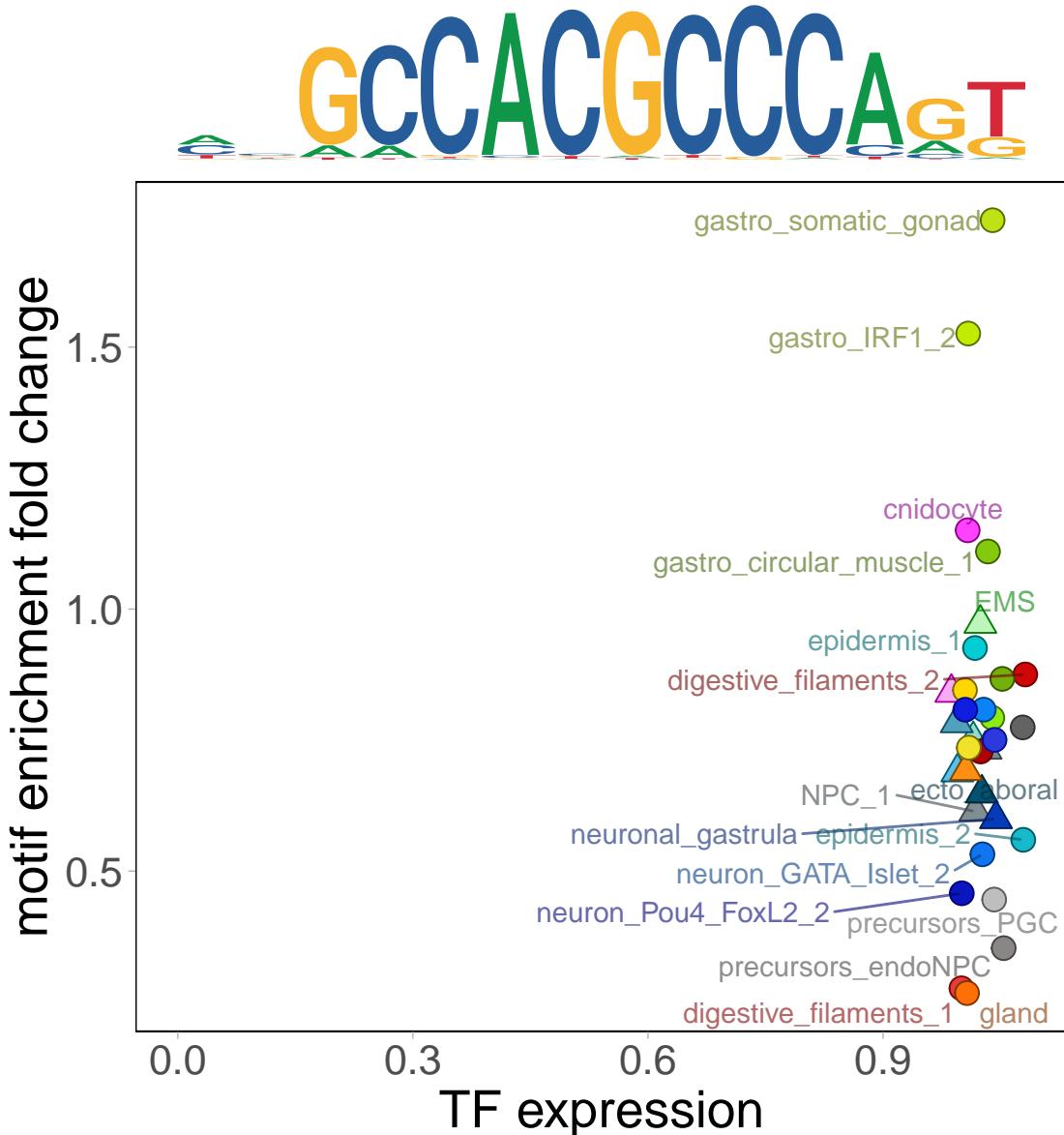
Nvec_vc1.1_XM_048722594.1
OG: ARID_BRIGHT.HG1.3:ARID2
PFAM: ARID/RFX_DNA_binding
motif: ARCH1088_Arid5b/Arid5a
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: FALSE
rank: 272
gene expression correlation: 0.5415
gene score correlation: -0.0024



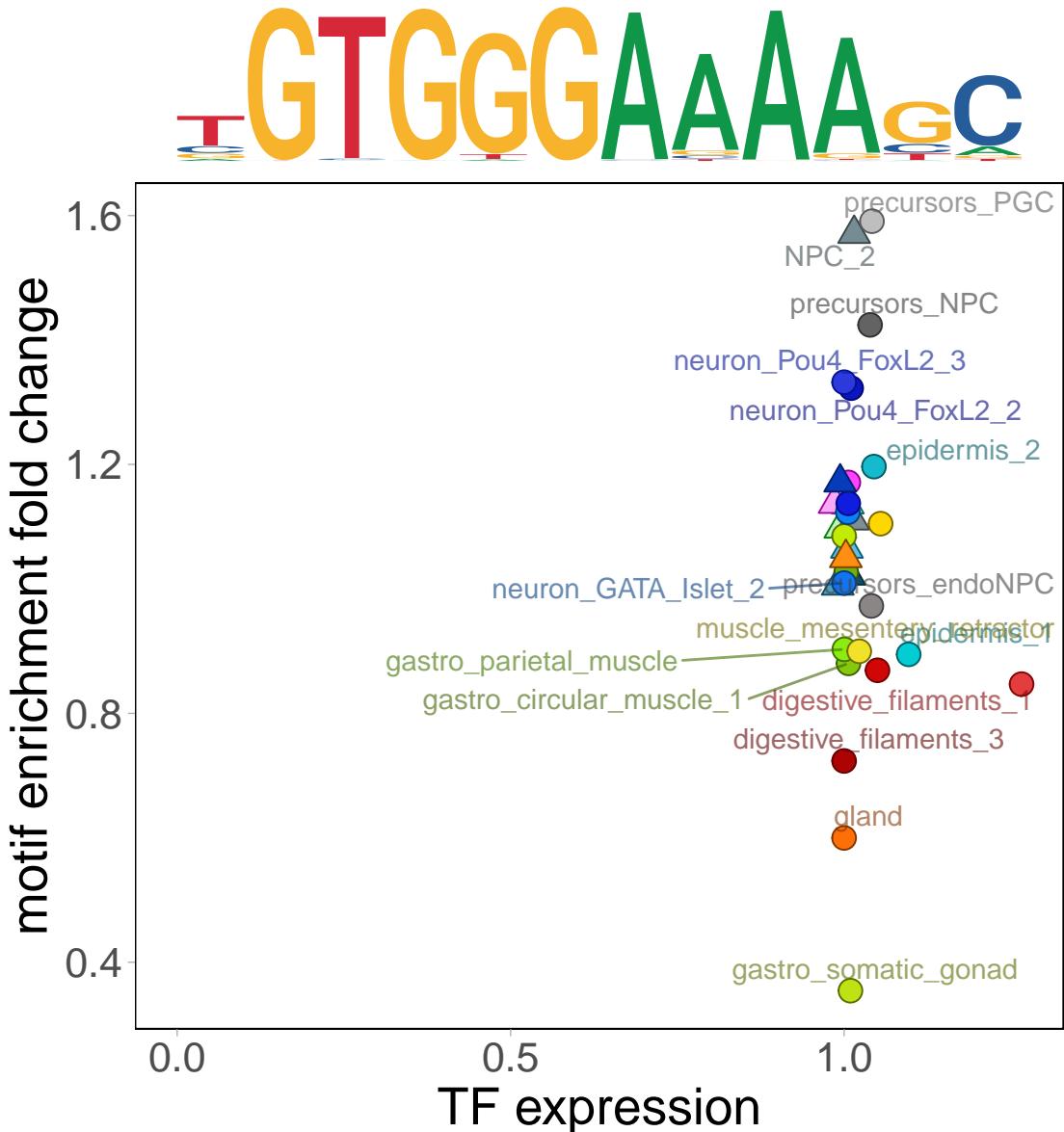
Nvec_vc1.1_XM_048722680.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1400_ZNF143
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.2871
gene score correlation: 0.2954



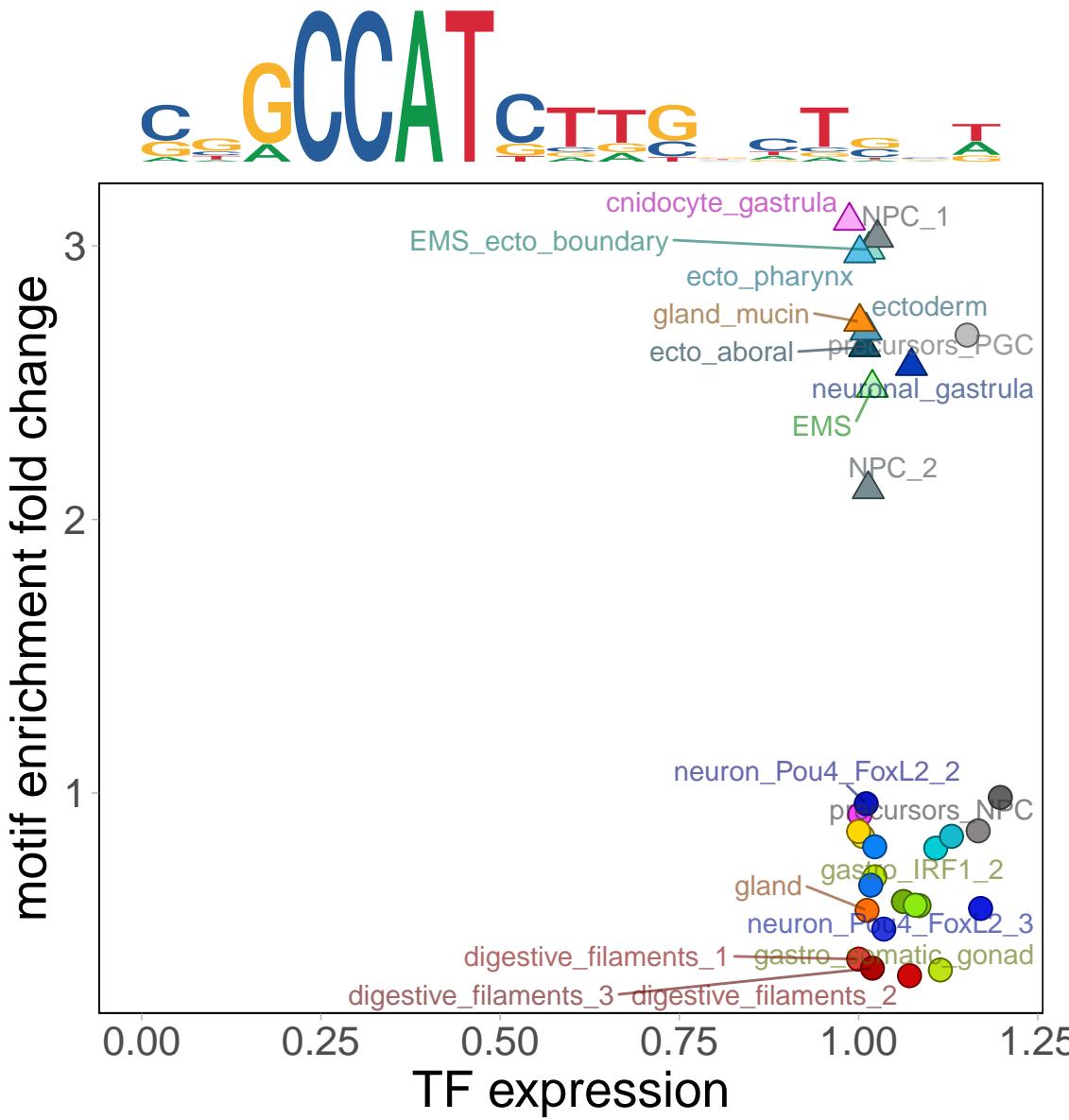
Nvec_vc1.1_XM_048722751.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH405_Sp6/Sp5_Sp7/Sp8/Sp
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 13
gene expression correlation: 0.0113
gene score correlation: -0.0780



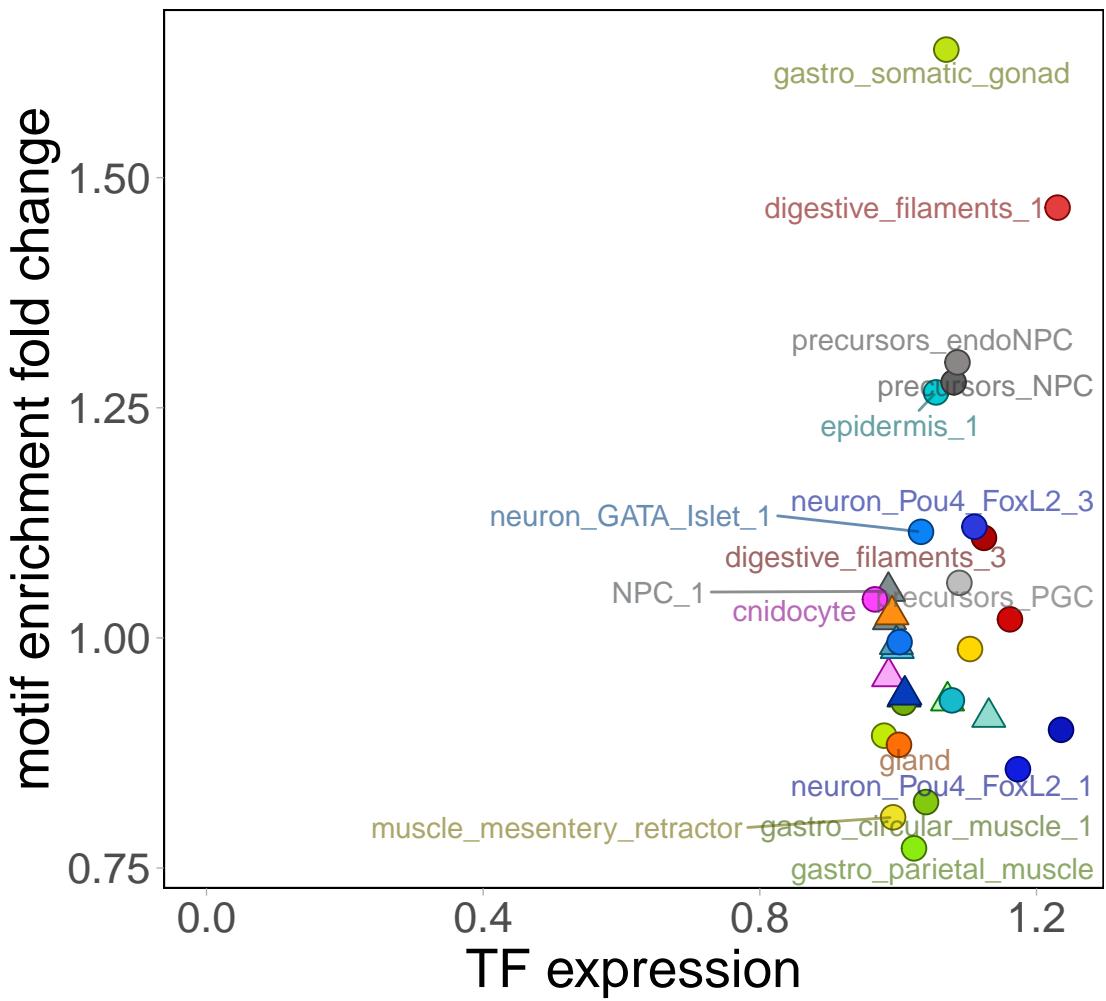
Nvec_vc1.1_XM_048722754.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2_11/zf-C2H2/
motif: ARCH828_Zfp1000//Zfp758/Zfp...
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 167
gene expression correlation: -0.1012
gene score correlation: 0.2681



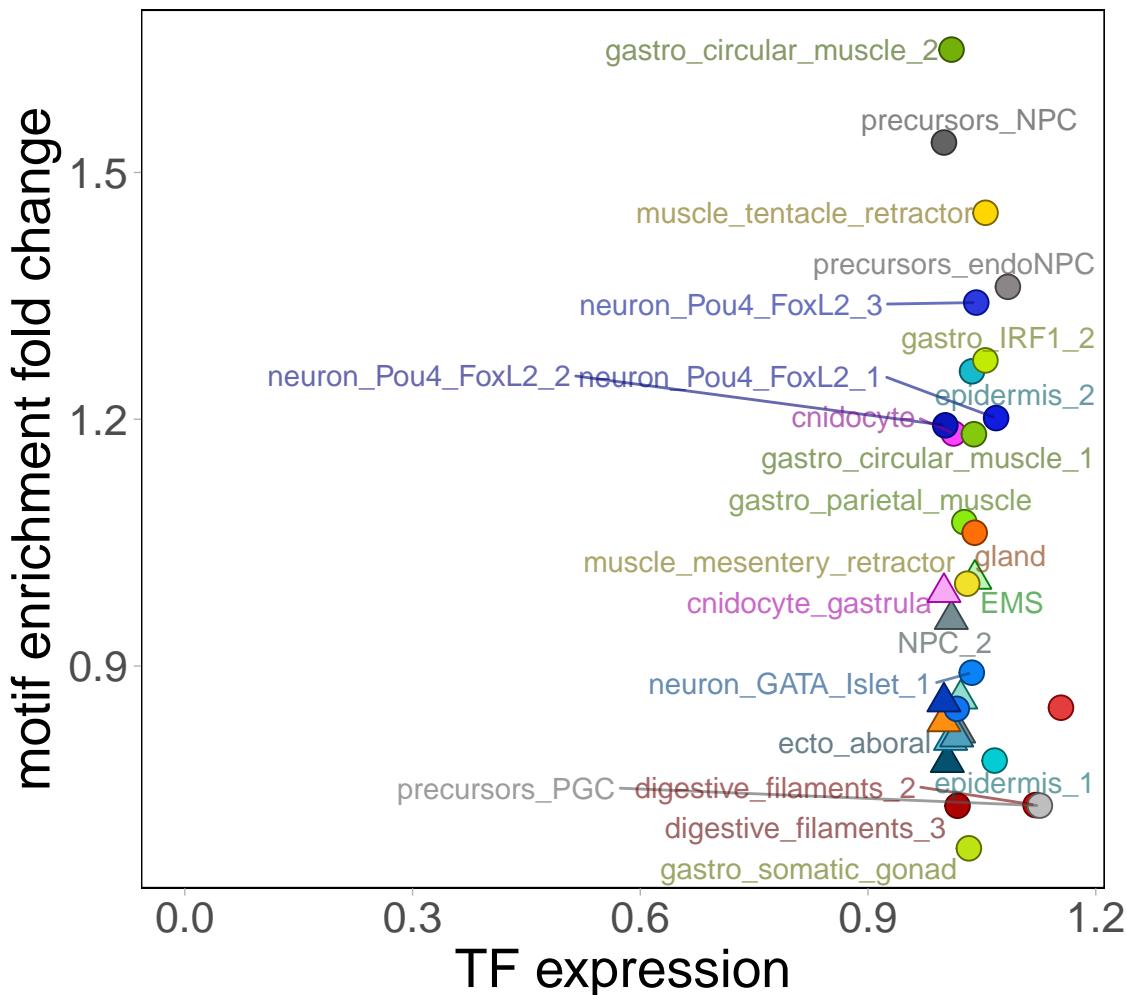
Nvec_vc1.1_XM_048722777.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH523_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: -0.2772
gene score correlation: 0.0792



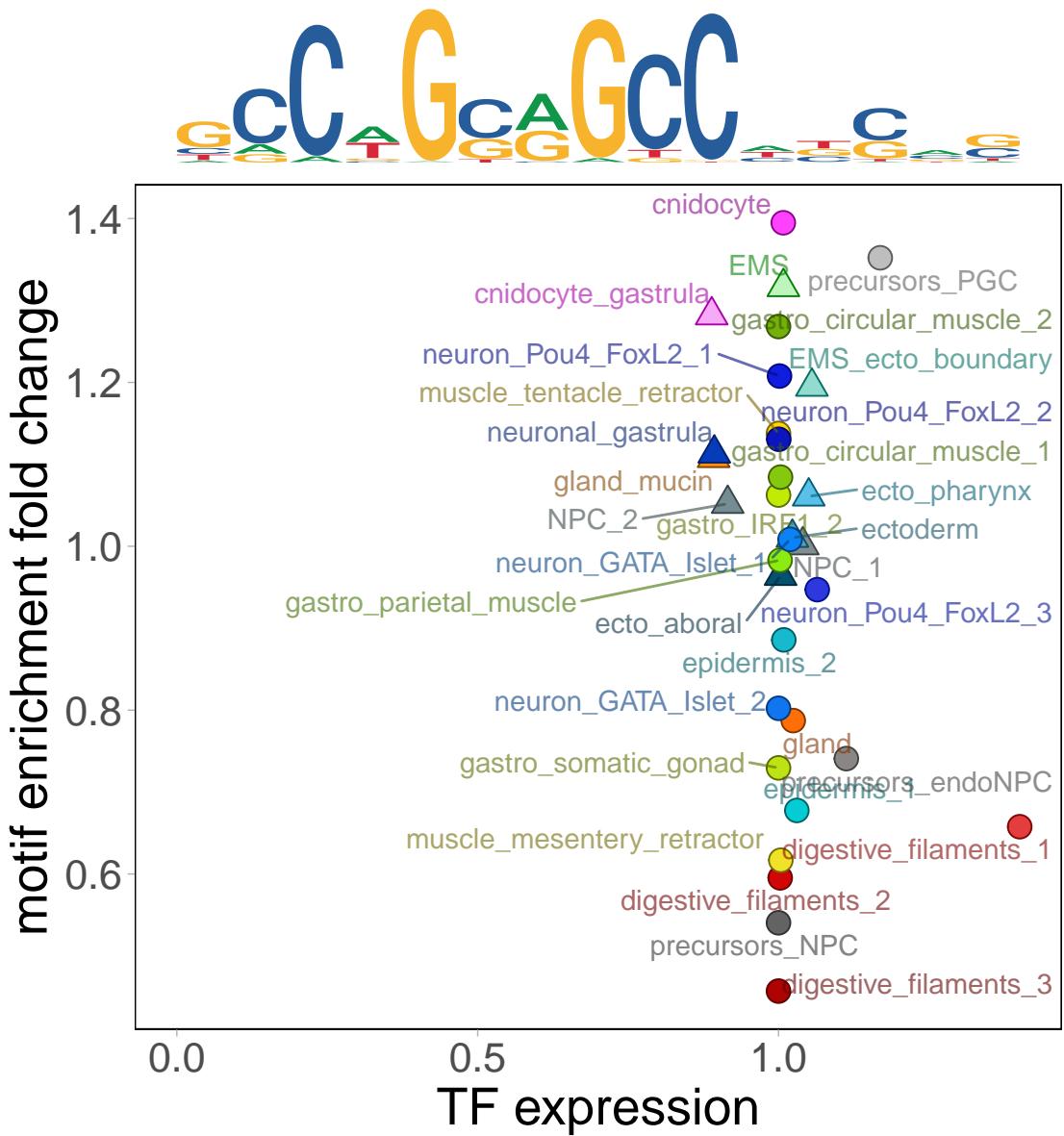
Nvec_vc1.1_XM_048722810.1
OG: Myb.HG1.5:like:DNAJC1/DNAJC2
PFAM: Myb_DNA-bind_4
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 76
gene expression correlation: 0.2752
gene score correlation: 0.1926



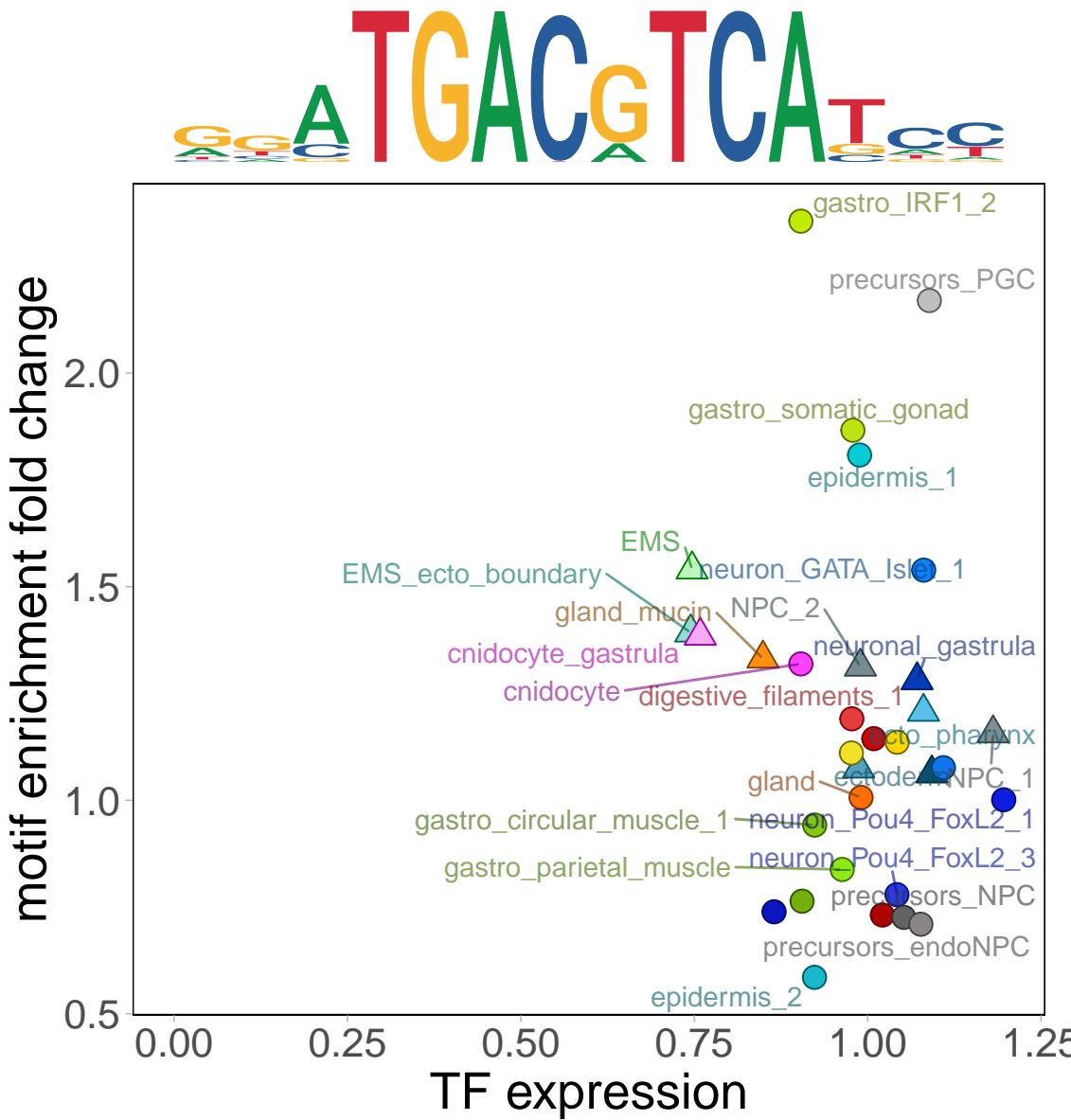
Nvec_vc1.1_XM_048723038.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2/zf-C2H2/zf-C2H2_11/
motif: ARCH702_Zic1::Zic2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 9
gene expression correlation: -0.1207
gene score correlation: 0.4263



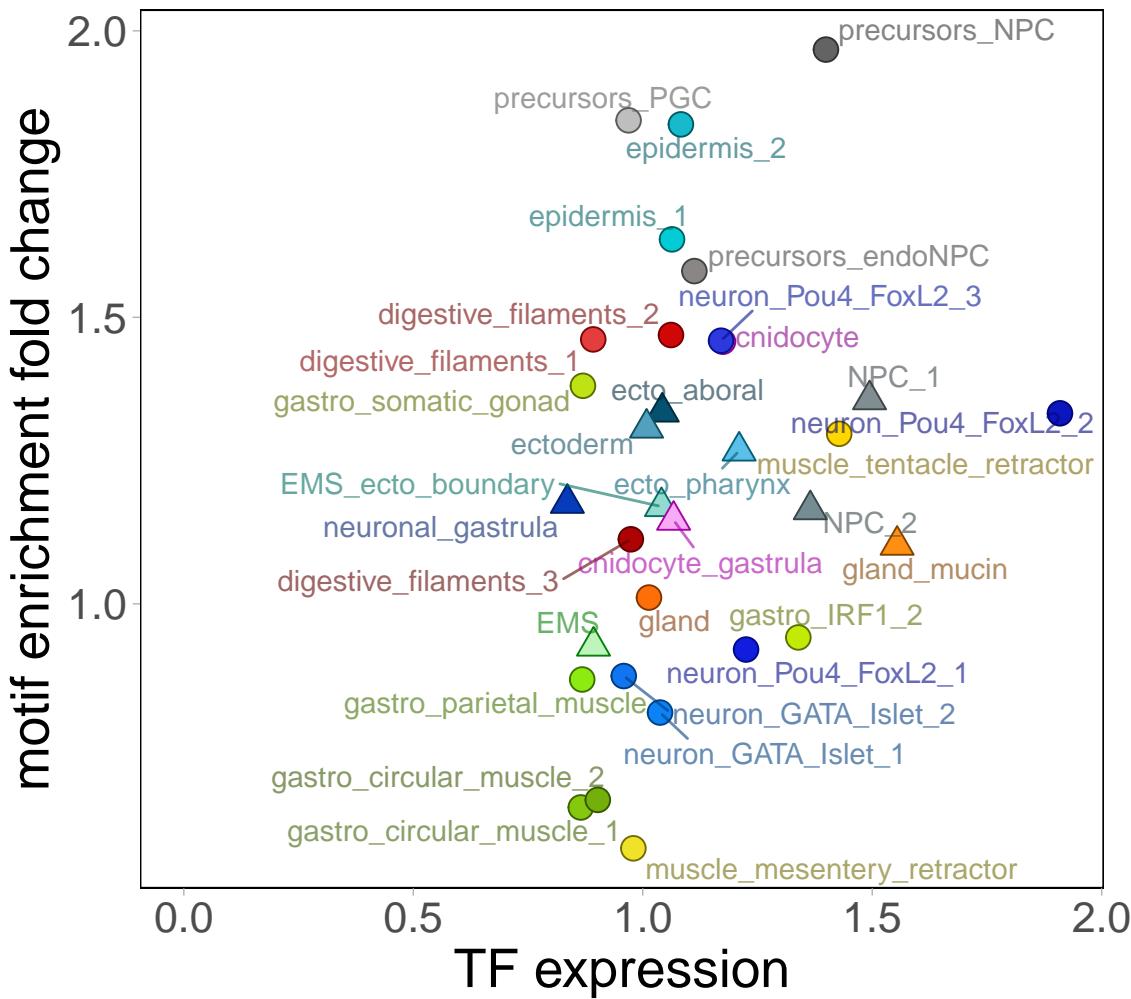
Nvec_vc1.1_XM_048723109.1
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/Z
PFAM: zf-C2H2_11/zf-C2H2/zf-C2H2/
motif: ARCH529_Rslcan18/Gm28557/Z
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 935
gene expression correlation: -0.2188
gene score correlation: -0.3287



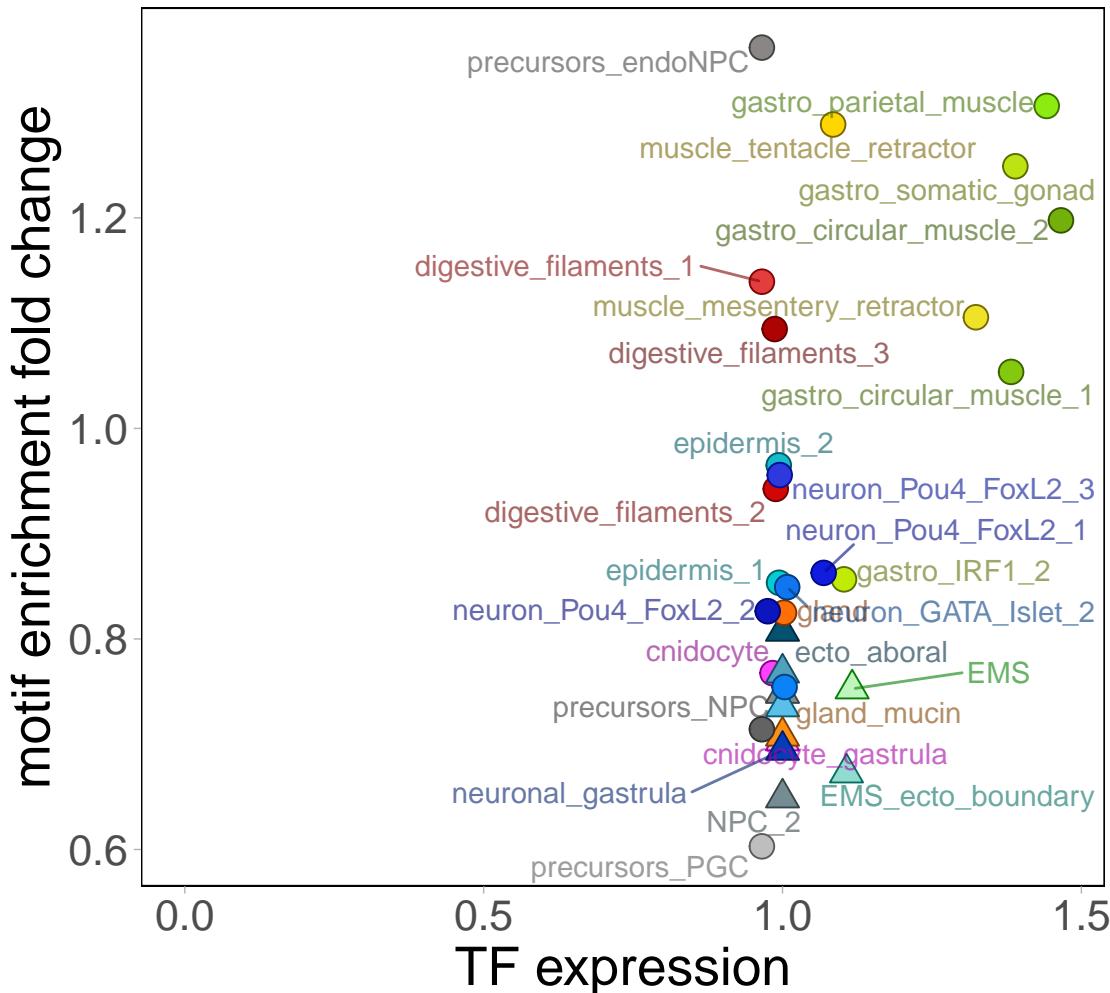
Nvec_vc1.1_XM_048723364.1
OG: bZIP.HG2.0:like:CEBPA/CEBPB/C
PFAM: bZIP_2
motif: ARCH1605_Atf4/Atf5
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 34
gene expression correlation: -0.1394
gene score correlation: 0.3708



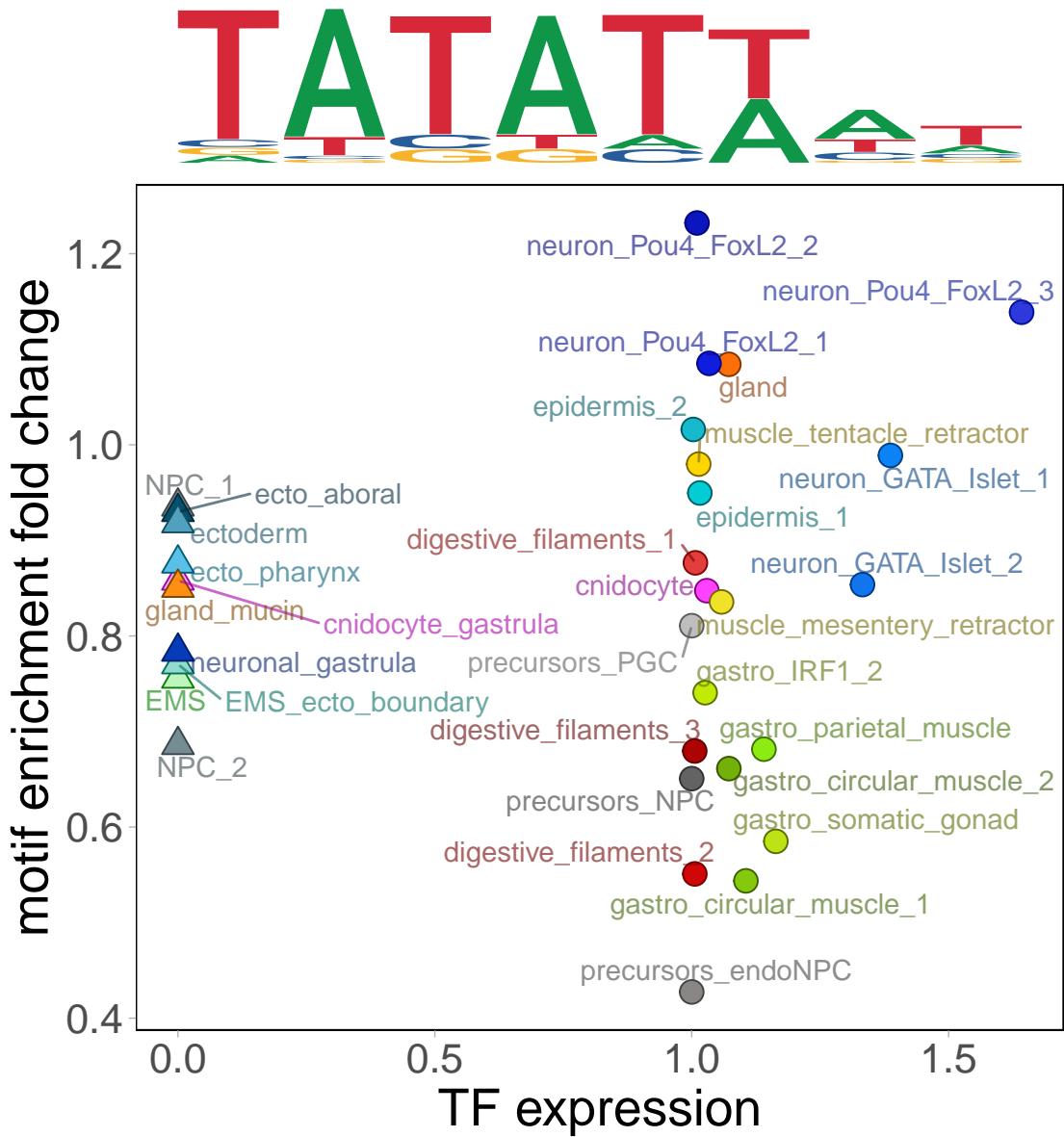
Nvec_vc1.1_XM_048723945.1
OG: Forkhead.HG1.16:FOXN2/FOXN3
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2429
gene score correlation: 0.5413



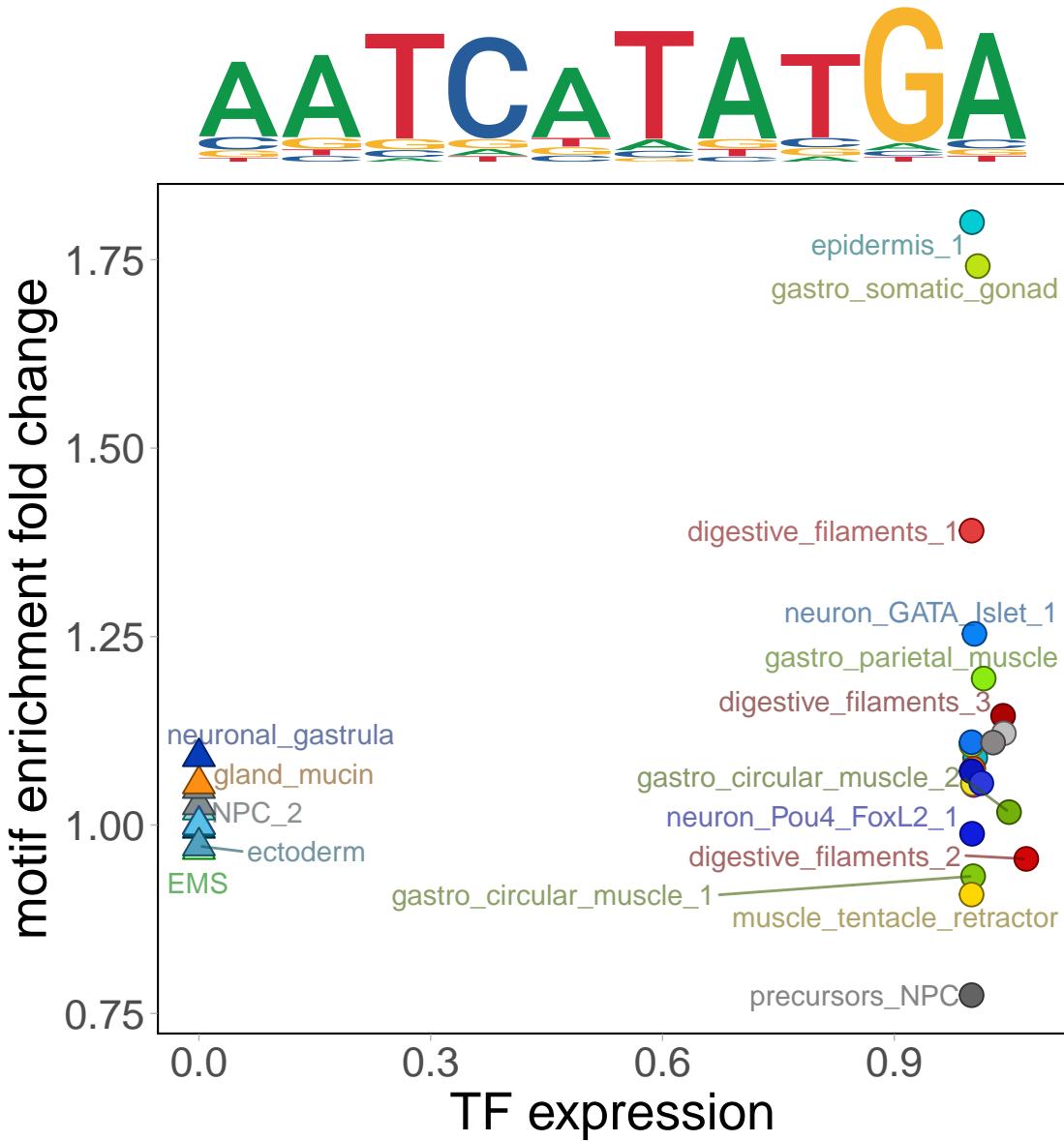
Nvec_vc1.1_XM_048724012.1
OG: zf-C2H2.HG4.10:GLI1/GLI2/GLI3
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1043_ZNF652
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 186
gene expression correlation: 0.5539
gene score correlation: 0.4793



Nvec_vc1.1_XM_048724319.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/FoxA
PFAM: Forkhead
motif: ARCH1095_Foxa3/Foxa1/Foxa2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 534
gene expression correlation: 0.0457
gene score correlation: -0.0659



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: 0.2607
gene score correlation: -0.1438



Nvec_vc1.1_XM_048724605.1

OG: Myb.HG6.0:BDP1

PFAM: Myb_DNA-bind_7

motif: ARCH1526_Mybl2/Myb/Mybl1

TF family: Myb

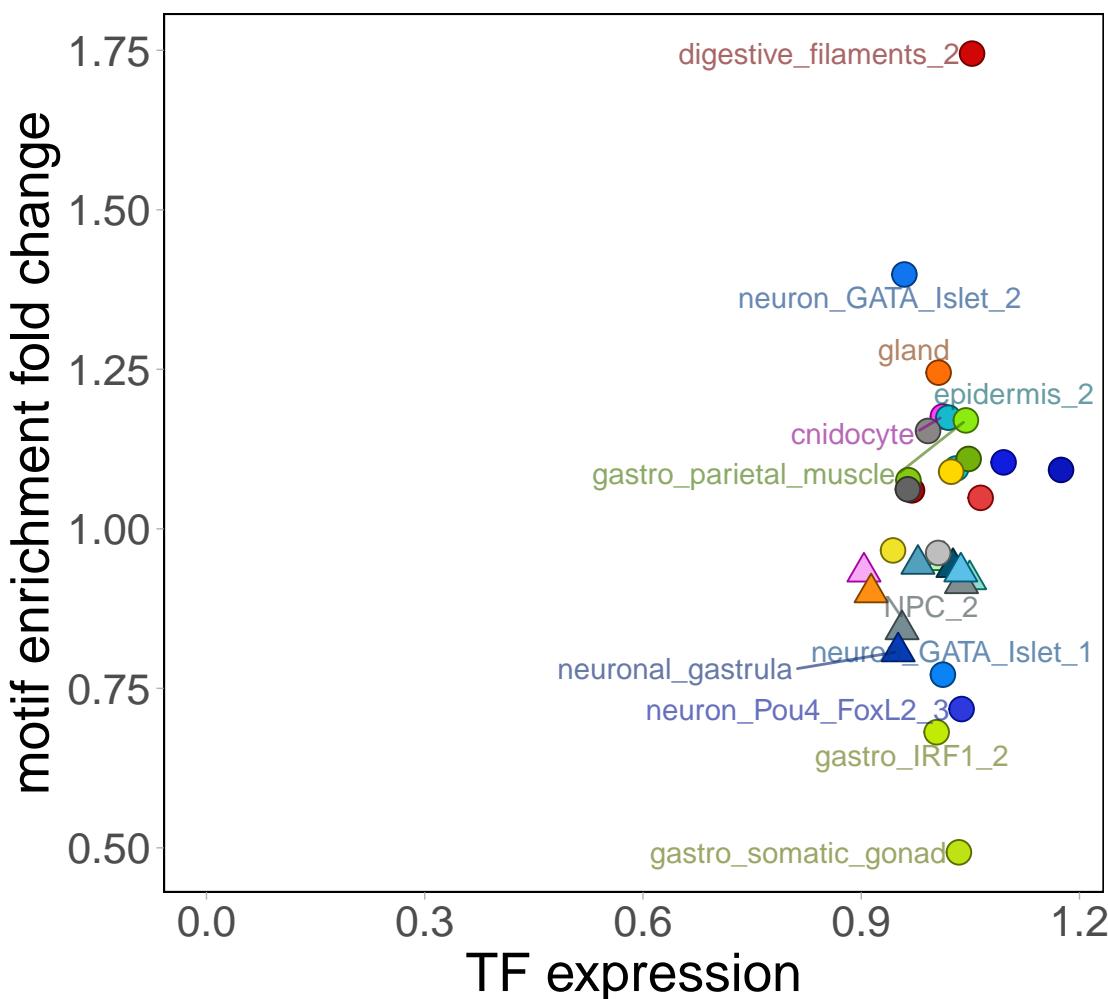
archetype family: Myb

CisBP assigned: FALSE

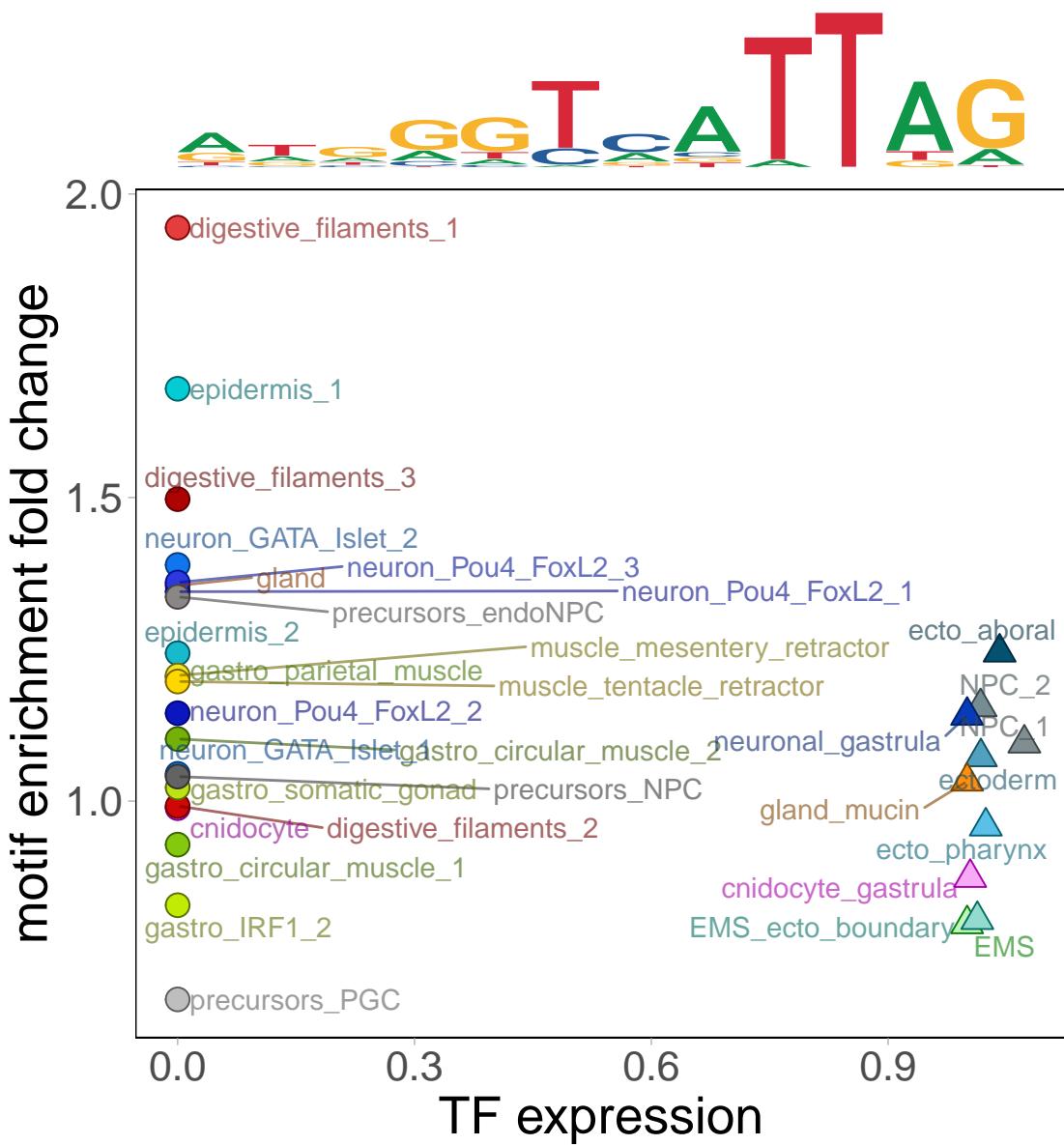
rank: 29

gene expression correlation: 0.1480

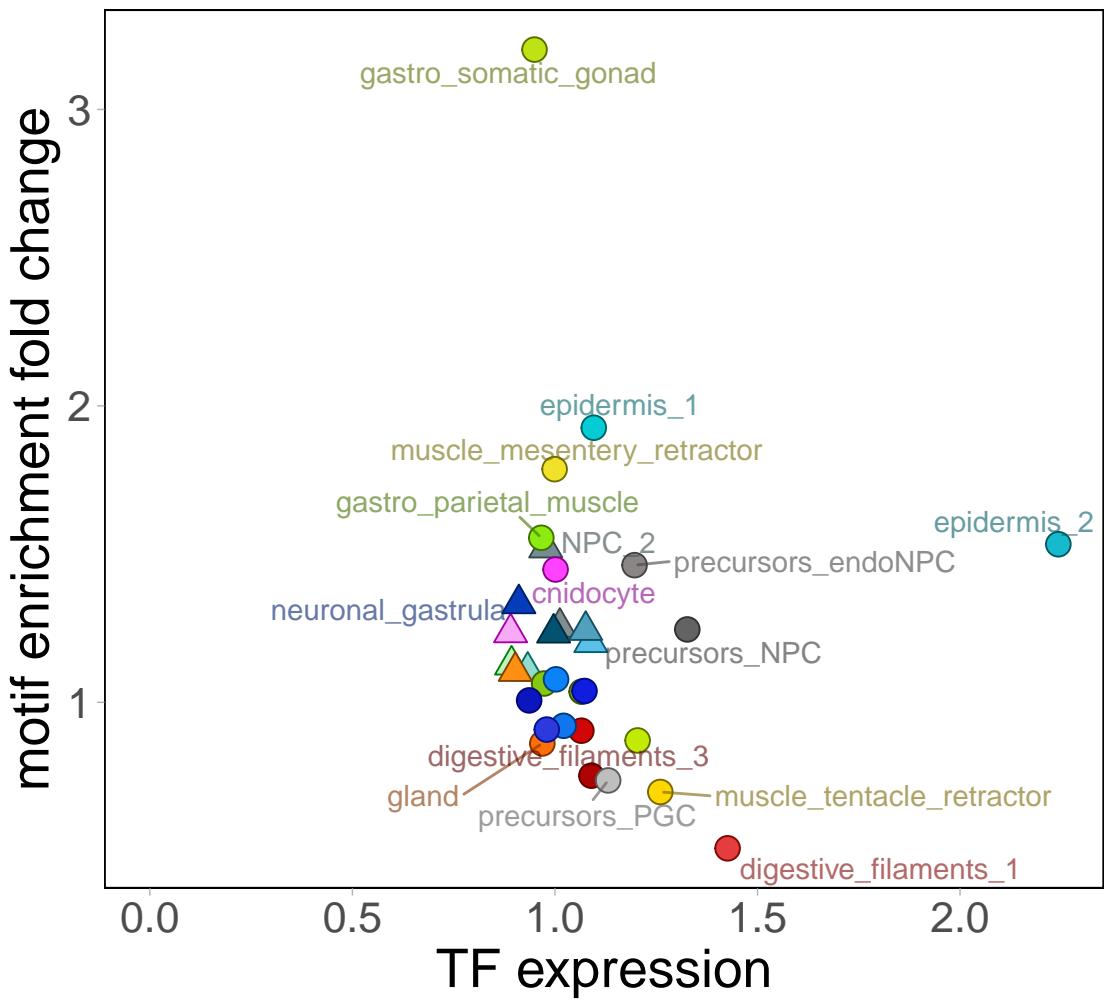
gene score correlation: 0.1571



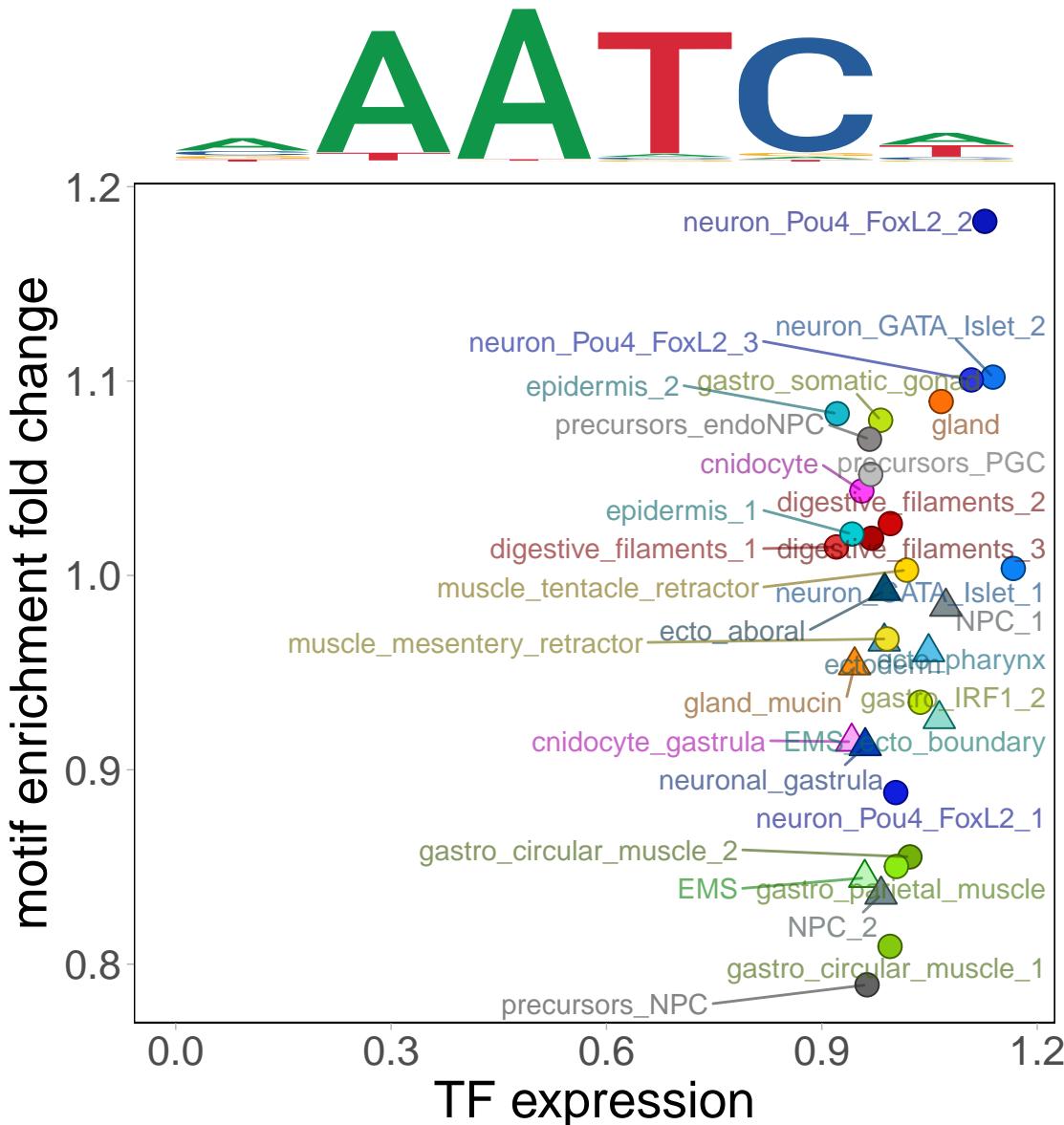
Nvec_vc1.1_XM_048724756.1
OG: Homeodomains.HG1.23:like:HHEX
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 76
gene expression correlation: -0.3345
gene score correlation: -0.2852



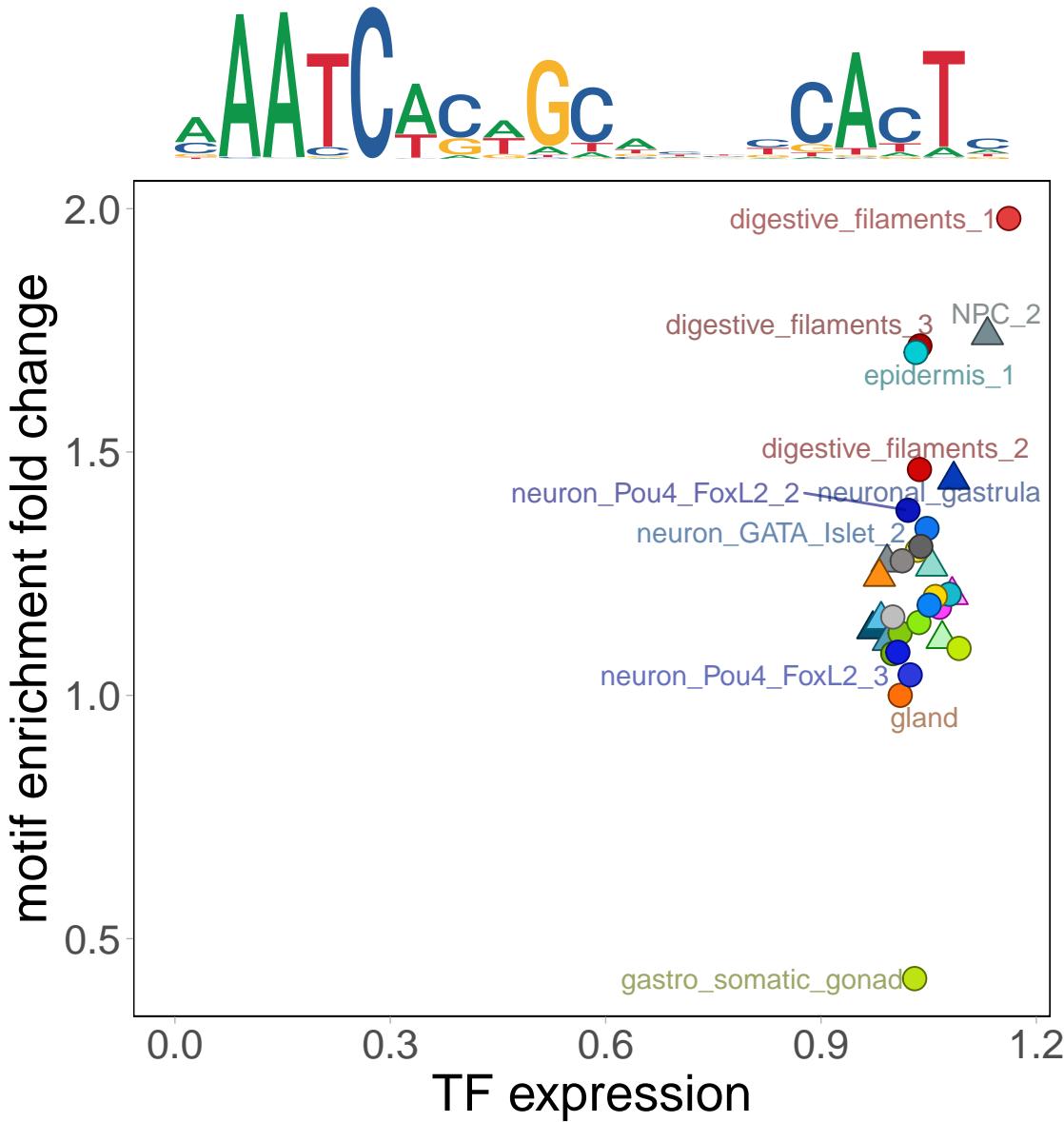
Nvec_vc1.1_XM_048724796.1
OG: HLH.HG1.107:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 60
gene expression correlation: -0.0571
gene score correlation: 0.0824



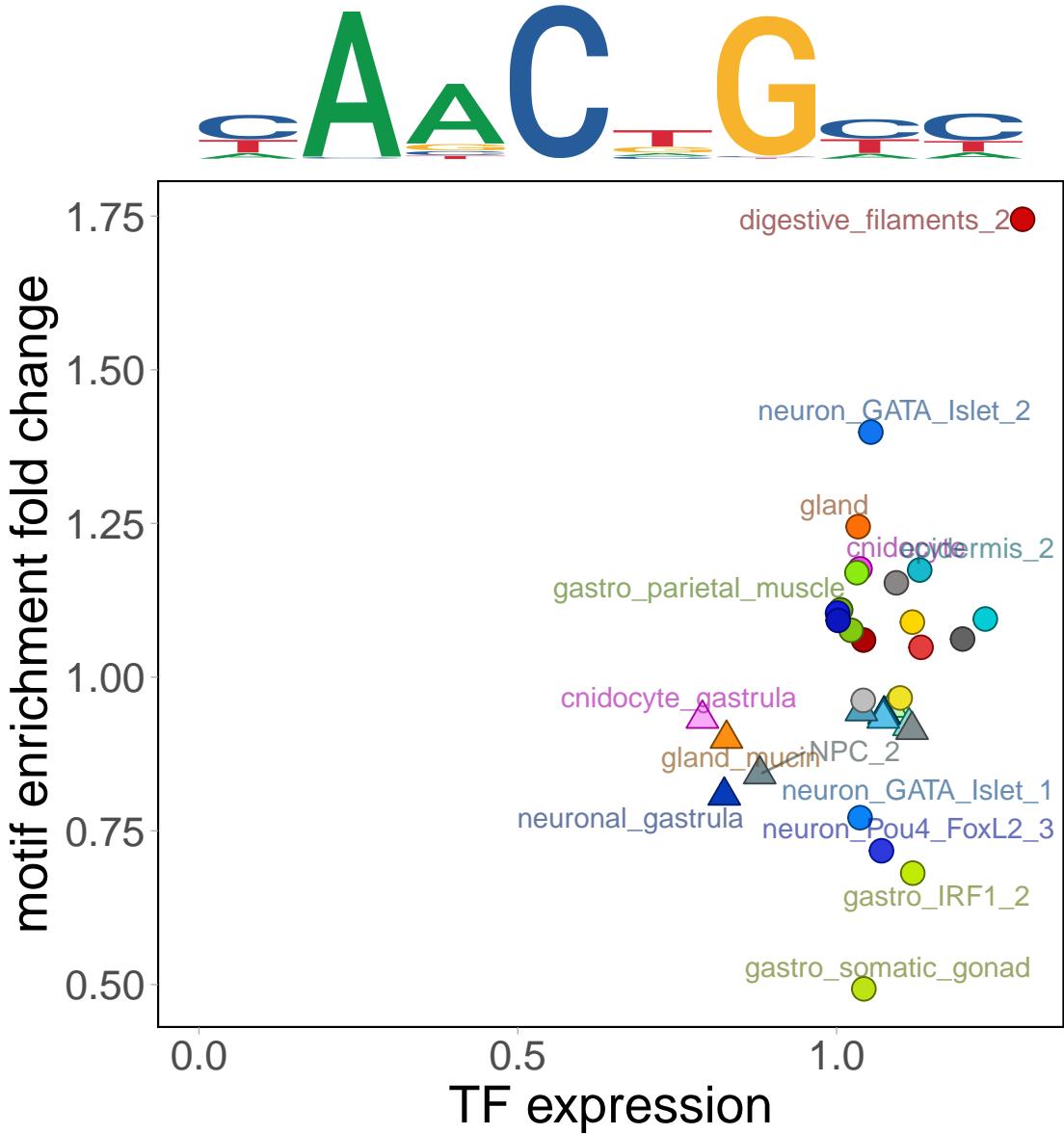
Nvec_vc1.1_XM_048725325.1
OG: zf-C2H2.HG1.1:like:AC008758.1/A
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1200_Zfp760/Zfp770
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 21
gene expression correlation: 0.3042
gene score correlation: 0.3717



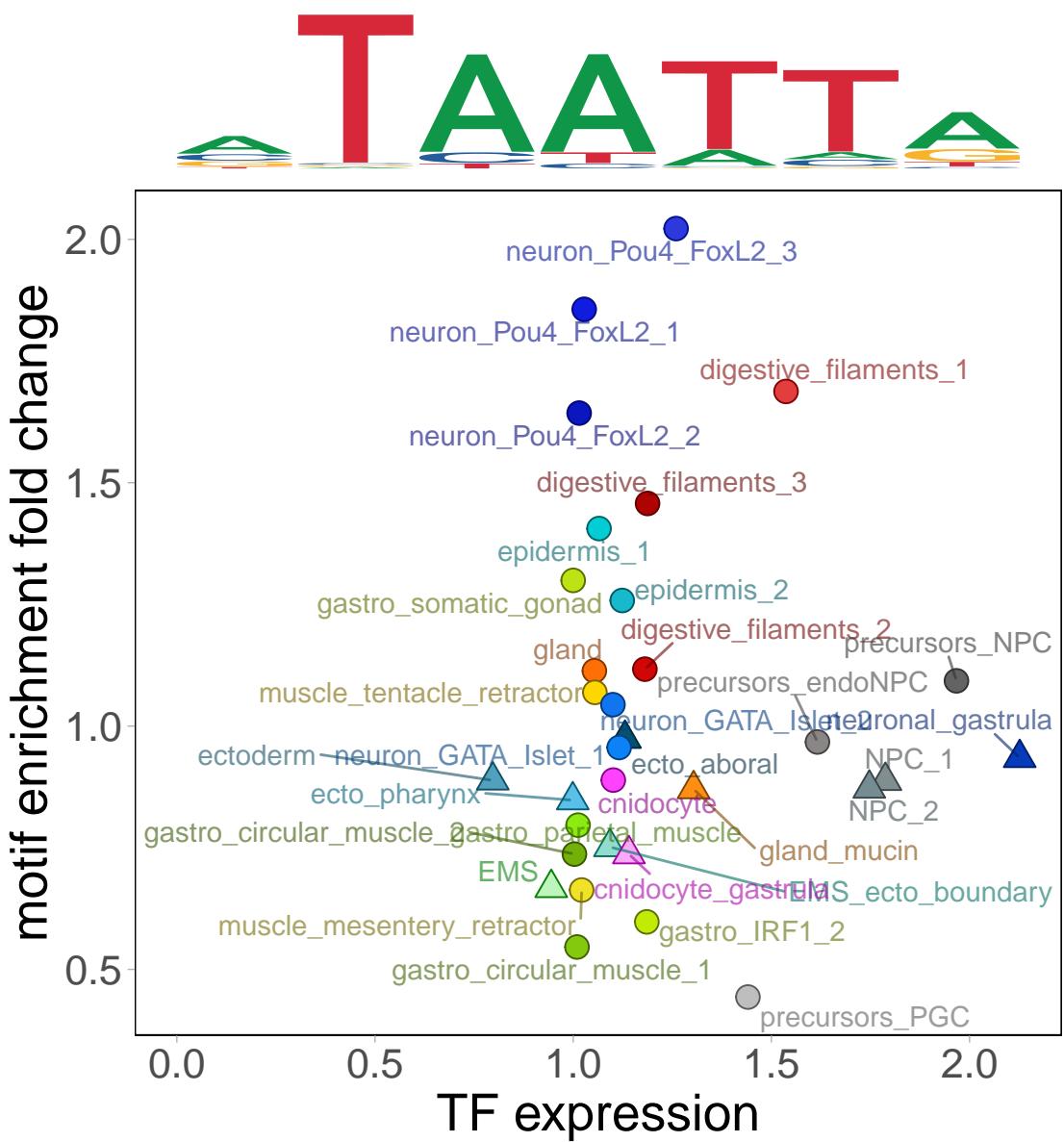
Nvec_vc1.1_XM_048725461.1
OG: zf-C2H2.HG1.72:like:AC008758.1/
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.4796
gene score correlation: 0.3192



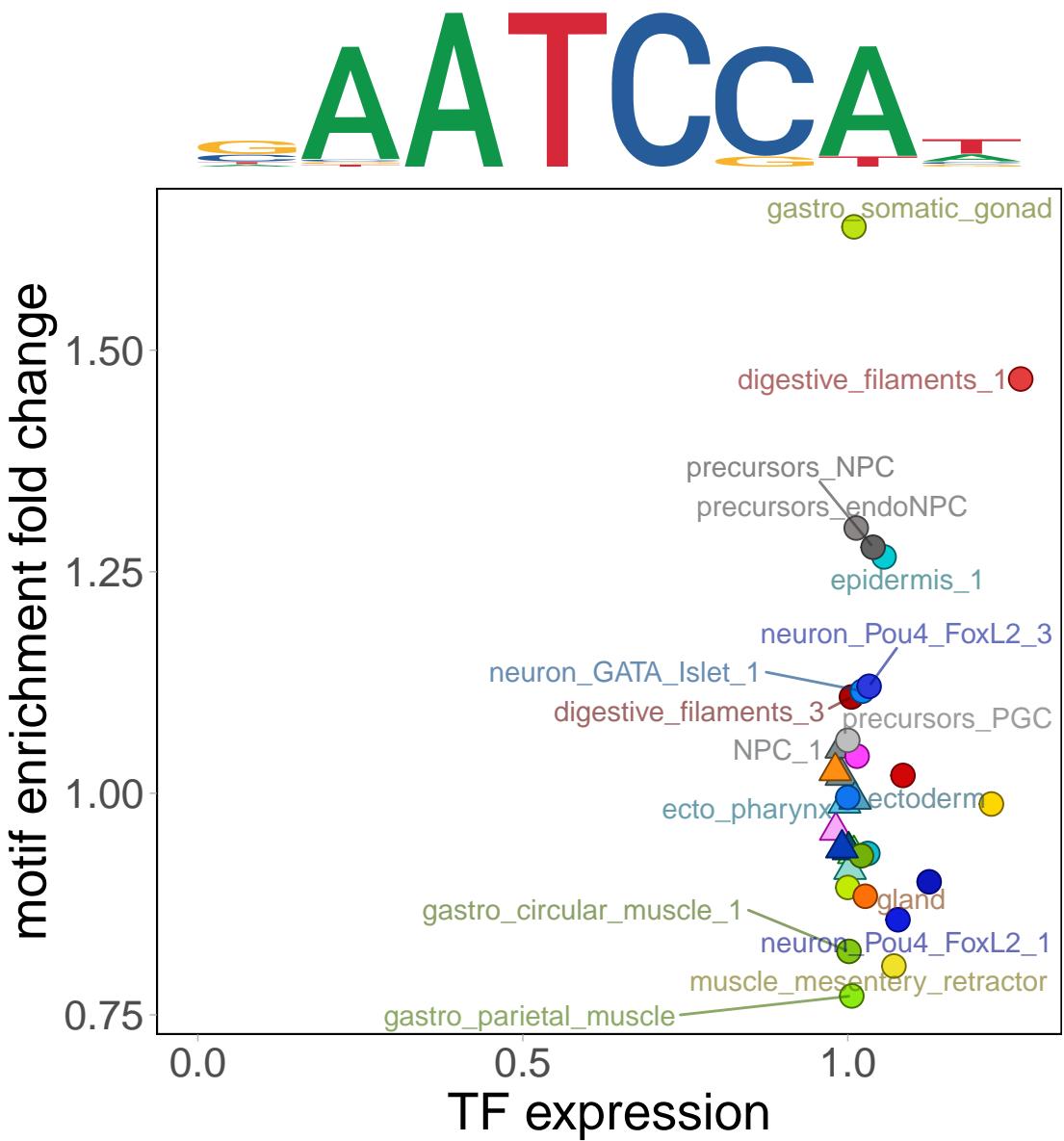
Nvec_vc1.1_XM_048725593.1
OG: Myb.HG1.3:MYB/MYBL1/MYBL2
PFAM: Myb_DNA-binding/Myb_DNA-b
motif: ARCH1526_Mybl2/Myb/Mybl1
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 607
gene expression correlation: 0.3826
gene score correlation: 0.1849



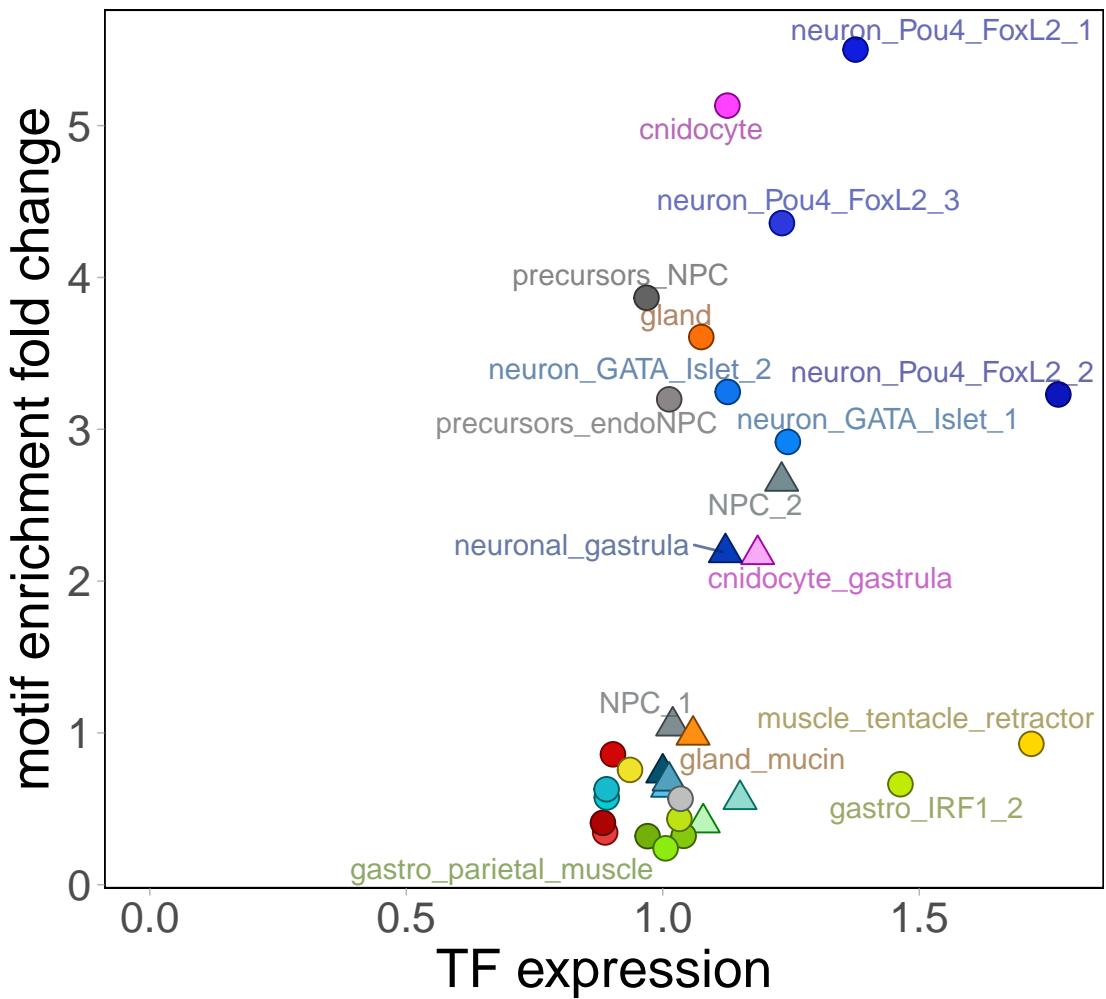
Nvec_vc1.1_XM_048725765.1
OG: Homeodomains.HG2.21:like:LEUT
PFAM: CUTL/Homeodomain
motif: ARCH37_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.0006
gene score correlation: 0.5464



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: 0.2363
gene score correlation: 0.4002



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: 0.3639
gene score correlation: 0.5528



Nvec_vc1.1_XM_048726224.1

OG: Myb.HG1.22:TADA2A

PFAM: Myb_DNA-binding

motif: ARCH1379_MYB17

TF family: Myb

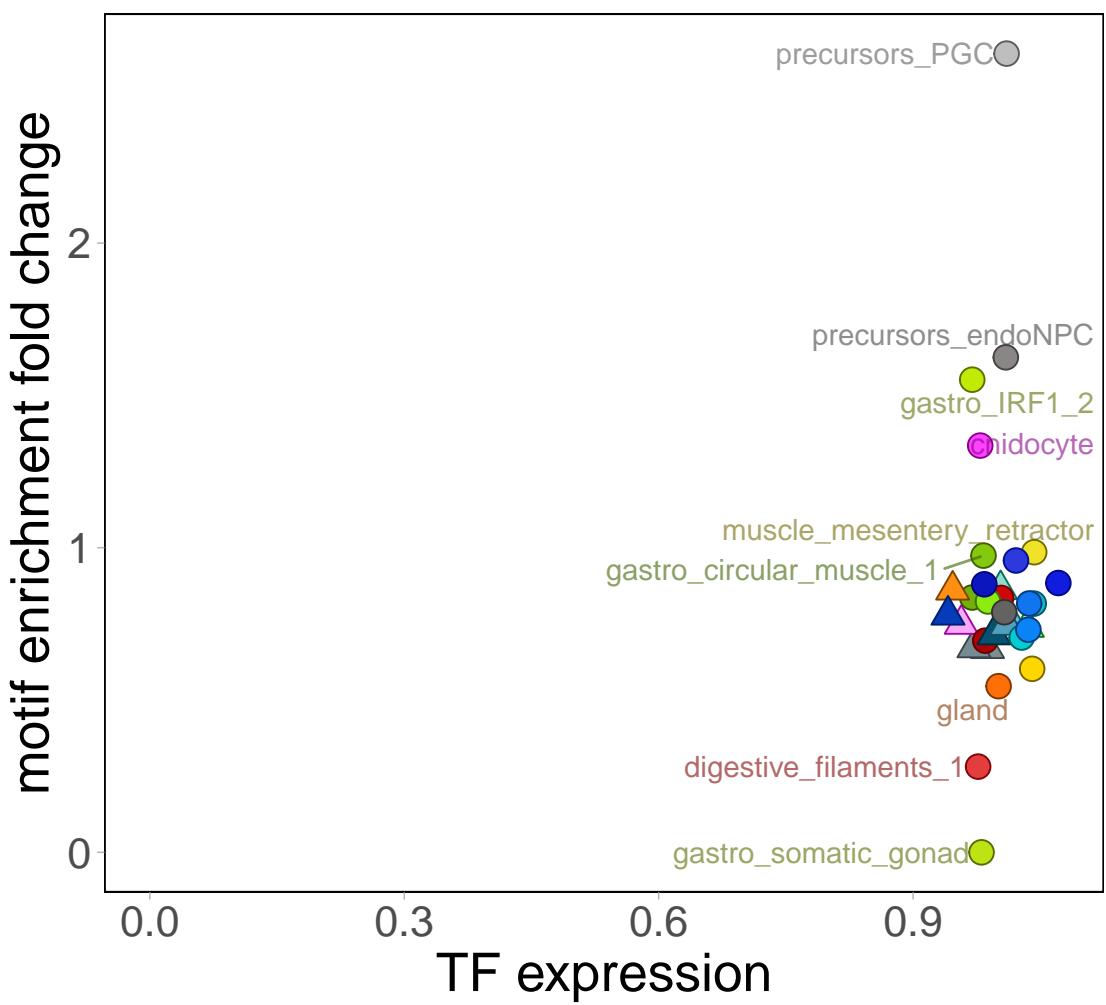
archetype family: Myb

CisBP assigned: FALSE

rank: 88

gene expression correlation: 0.0530

gene score correlation: 0.7233



Nvec_vc1.1_XM_048726881.1

OG: zf-C2H2.HG1.3:ZBTB3

PFAM: zf-C2H2

motif: ARCH1200_Zfp760/Zfp770

TF family: zf-C2H2

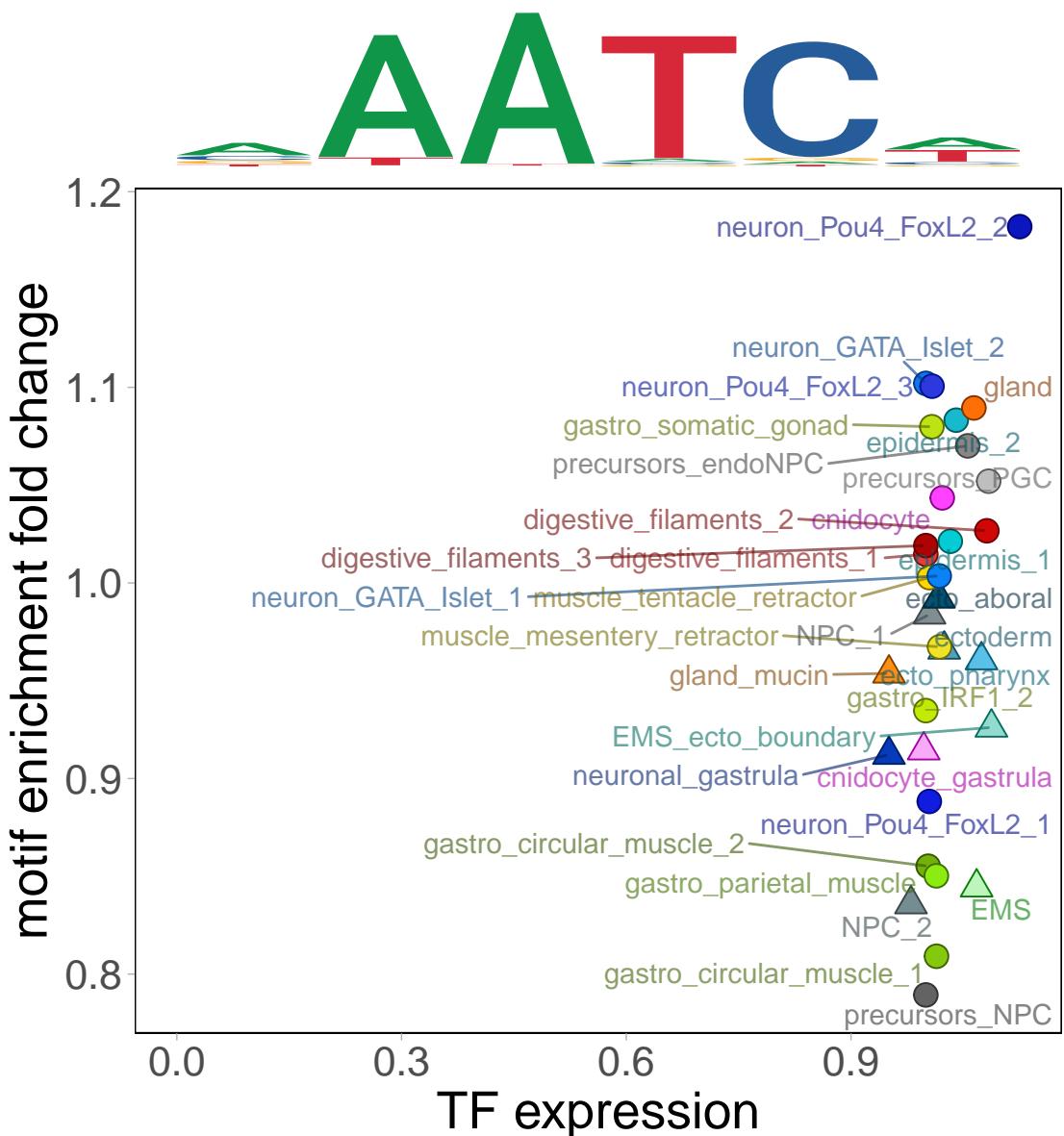
archetype family: zf-C2H2

CisBP assigned: TRUE

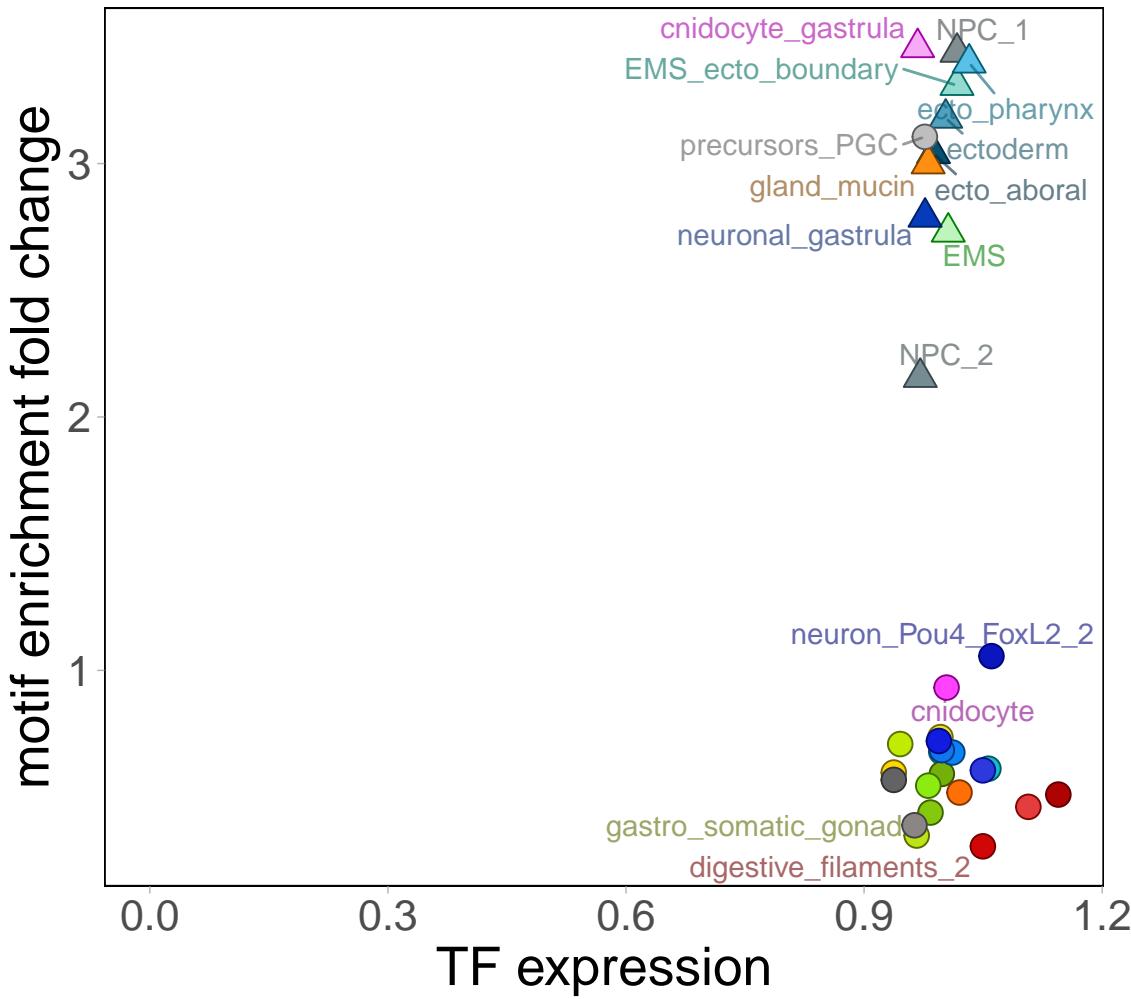
rank: 858

gene expression correlation: 0.3889

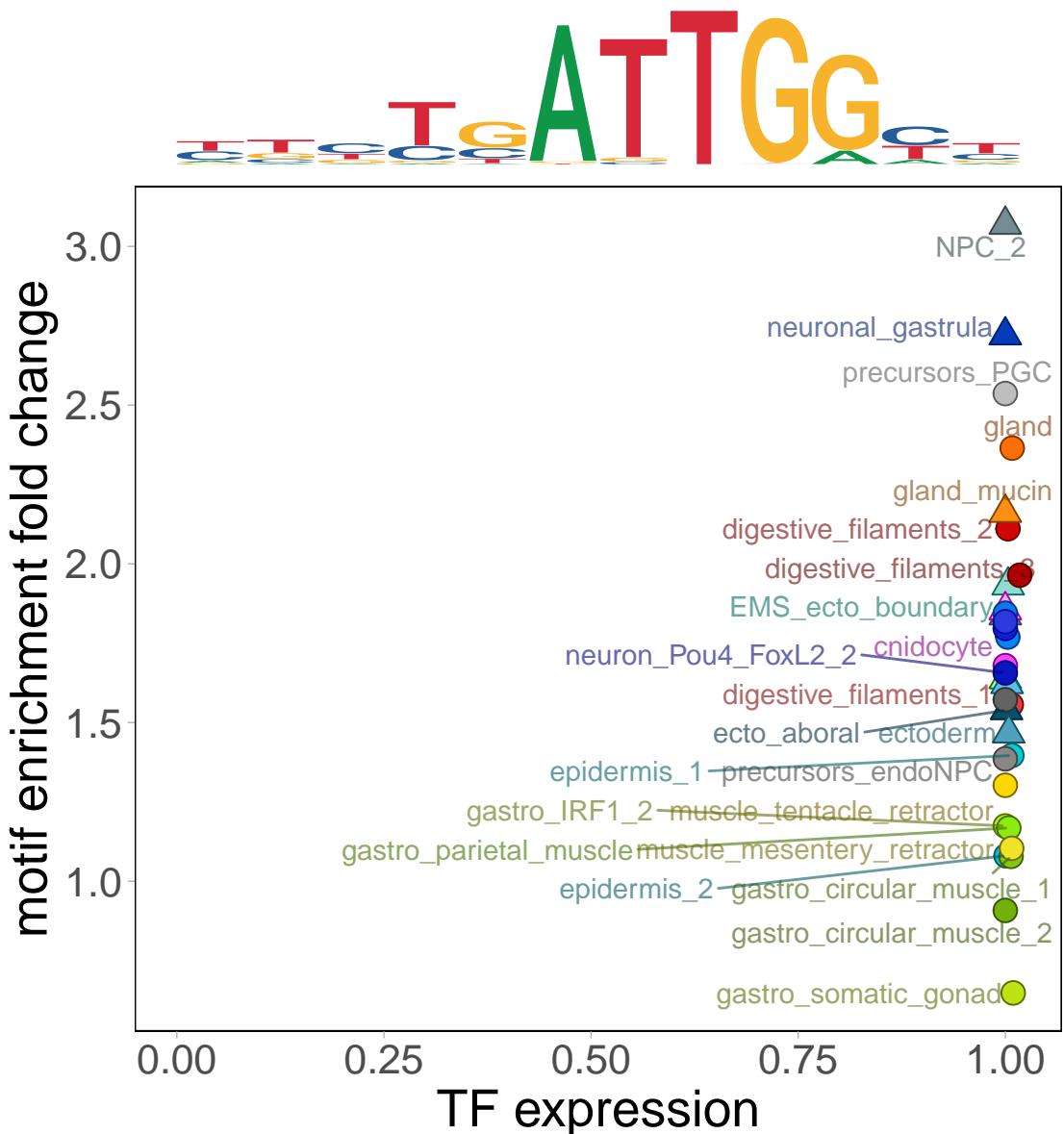
gene score correlation: 0.0419



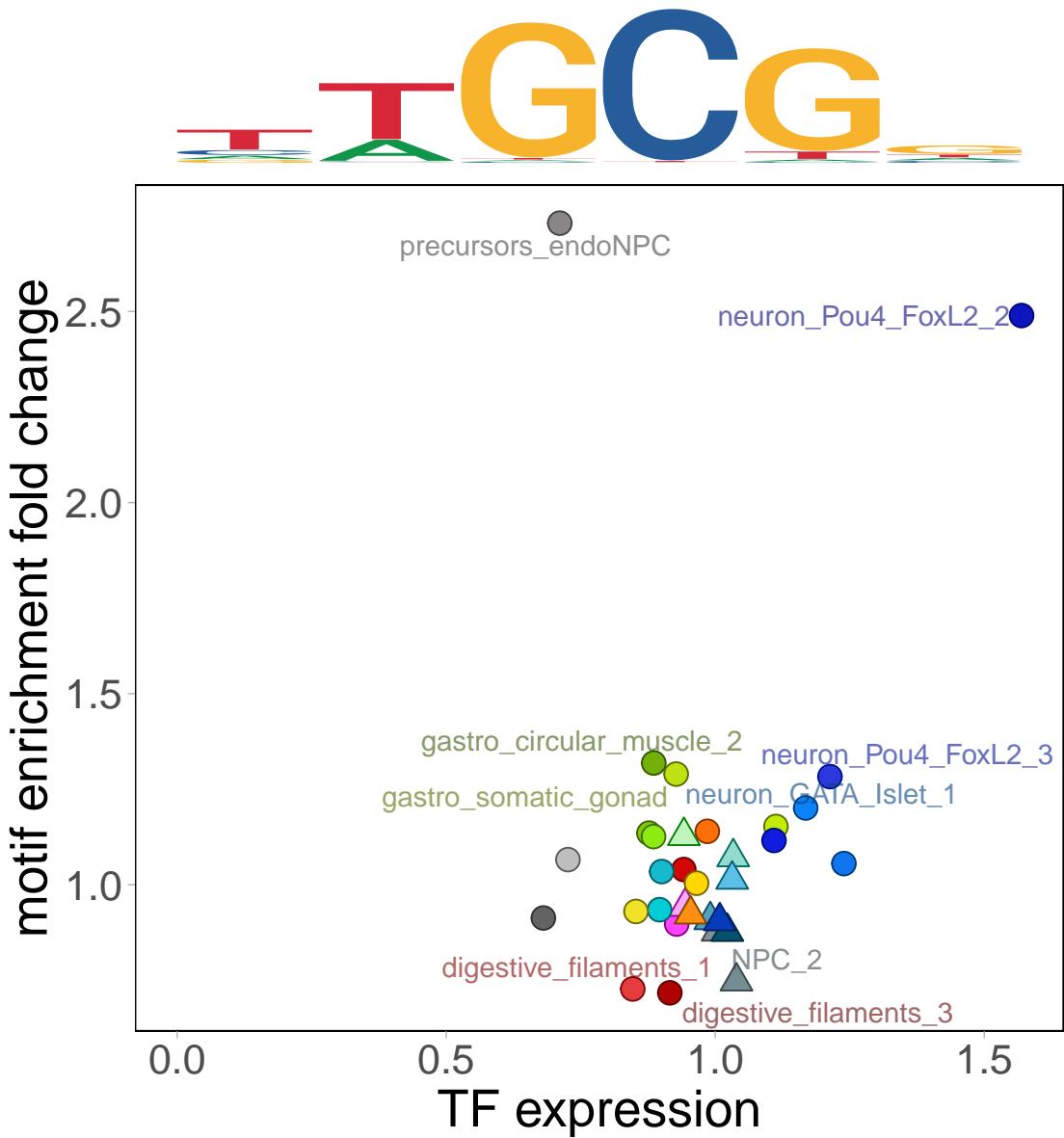
Nvec_vc1.1_XM_048726885.1
OG: zf-C2H2.HG1.3:ZBTB3
PFAM: zf-C2H2_6/zf-C2H2_6/zf-C2H2
motif: ARCH1253_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: -0.1379
gene score correlation: 0.0012



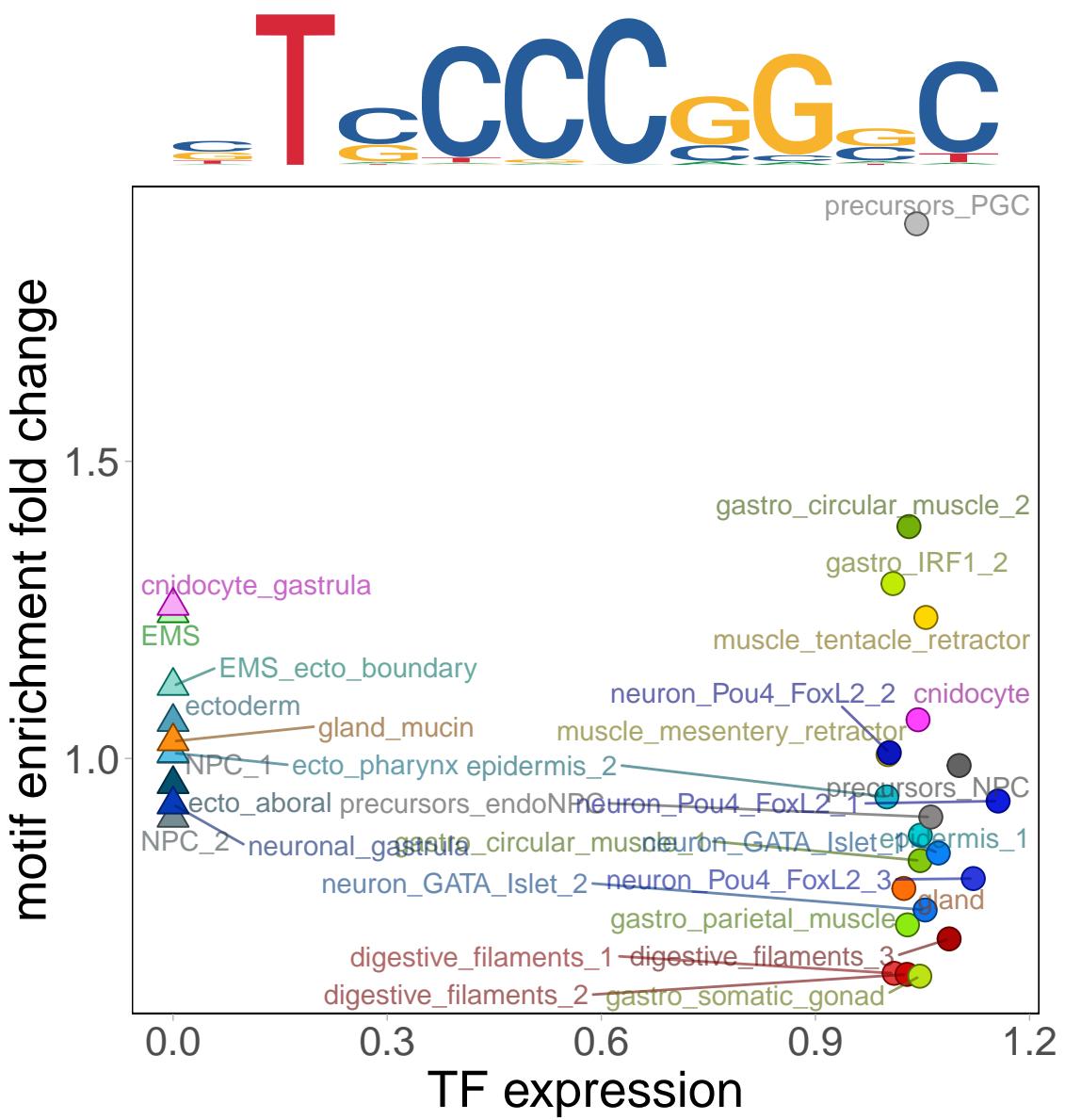
Nvec_vc1.1_XM_048727075.1
OG: Homeodomains.HG2.12:ESX1
PFAM: Homeodomain
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 6
gene expression correlation: -0.1846
gene score correlation: 0.1125



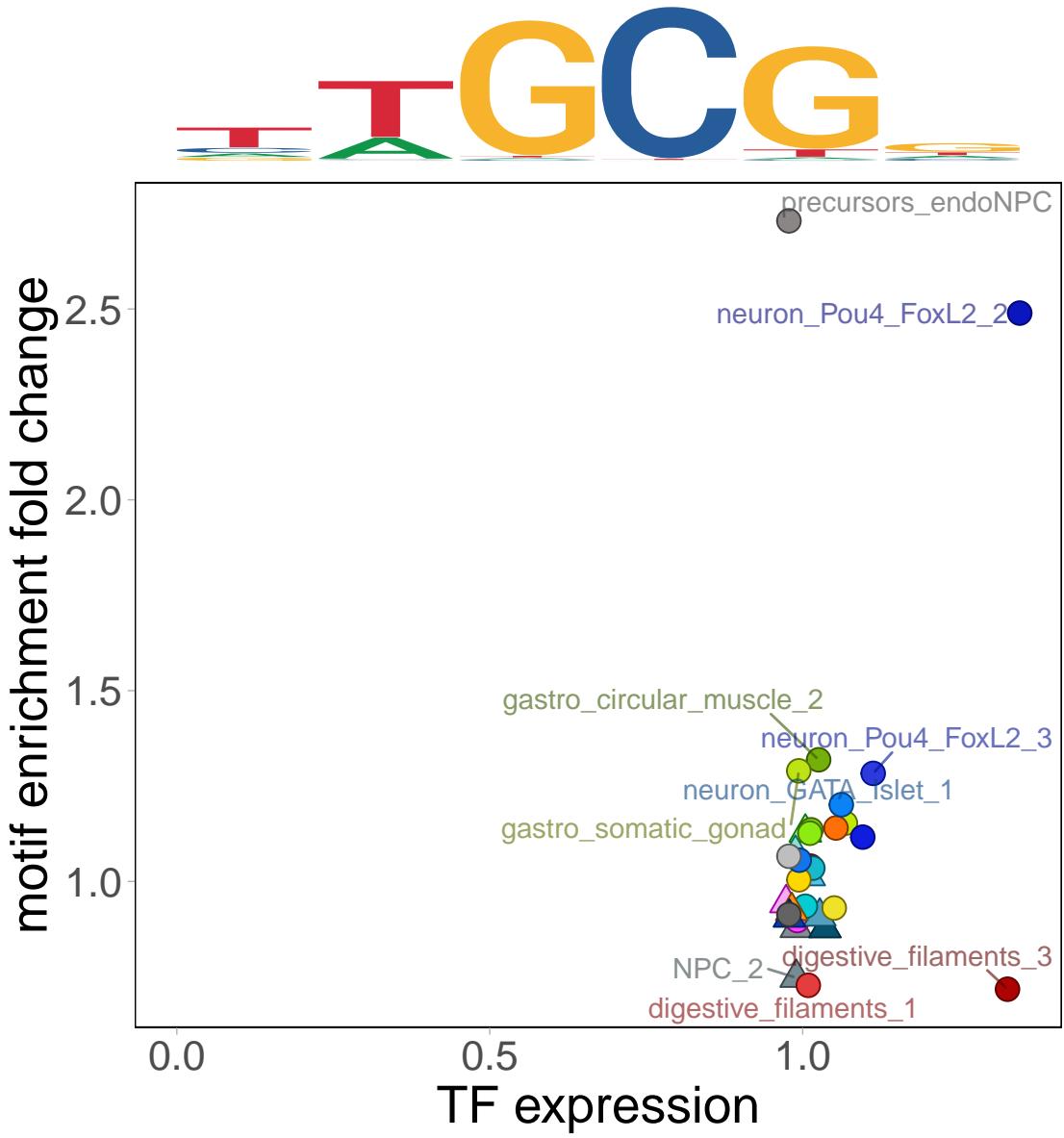
Nvec_vc1.1_XM_048727123.1
OG: Myb.HG1.9:NCOR1/NCOR2
PFAM: GPS2_interact/Myb_DNA-bindin
motif: ARCH646_Msantd4/Mypop_Terf2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 899
gene expression correlation: 0.2546
gene score correlation: 0.0514



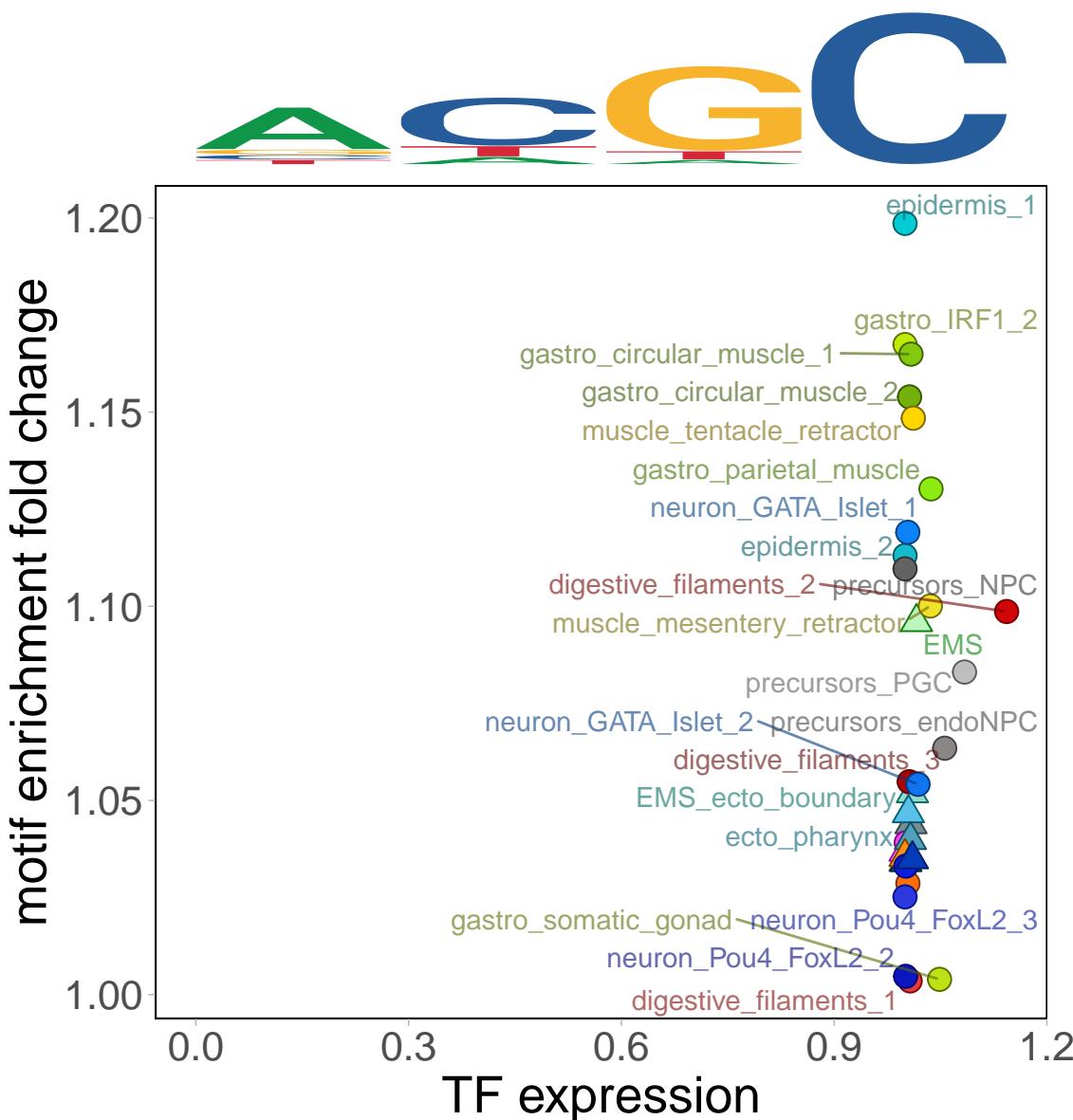
Nvec_vc1.1_XM_048727543.1
OG: Homeodomains.HG2.17:like:RHOX
PFAM: PAX/Homeodomain
motif: ARCH8_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 67
gene expression correlation: -0.1954
gene score correlation: 0.1361



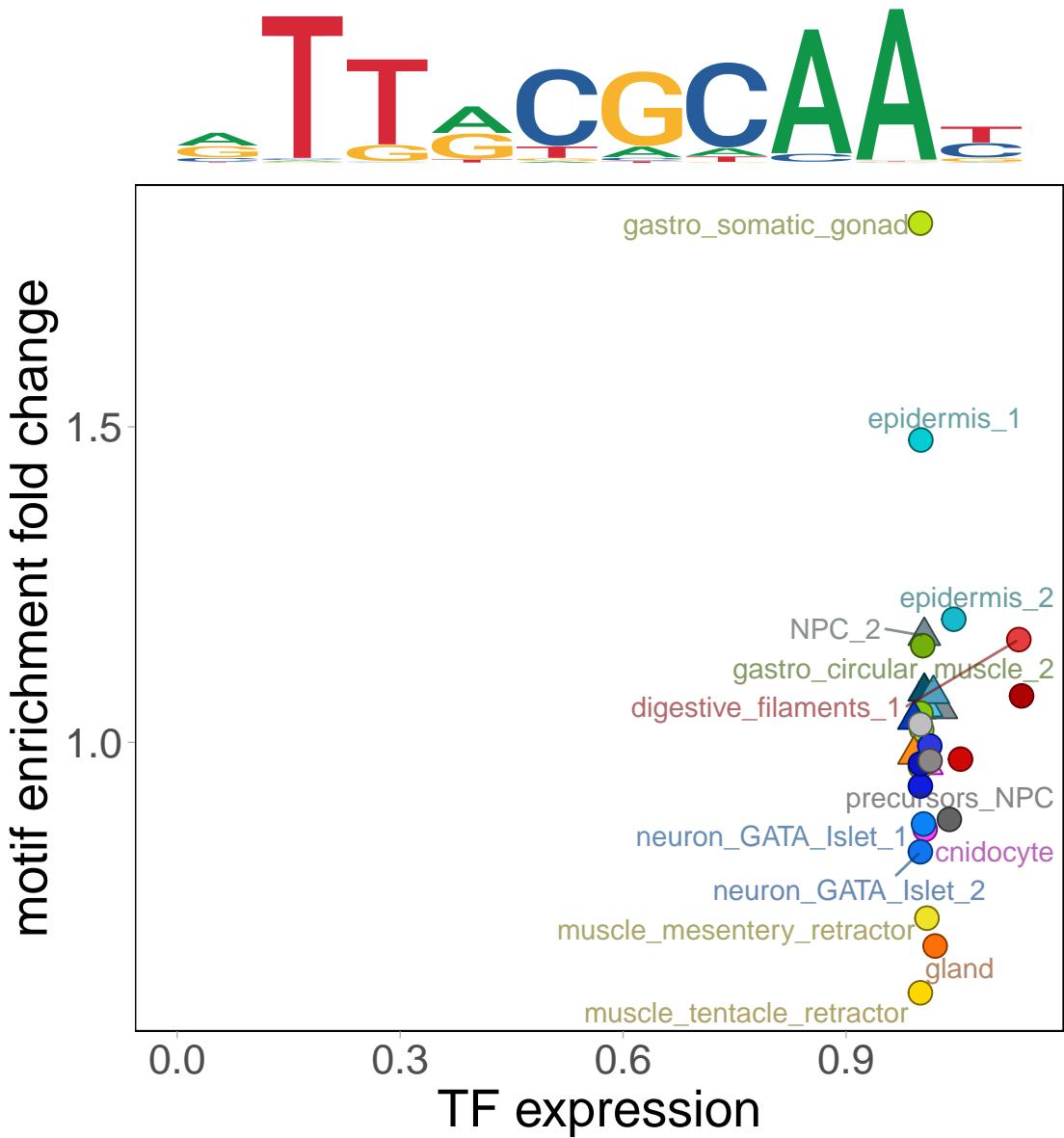
Nvec_vc1.1_XM_048727600.1
OG: Myb.HG2.3:NA
PFAM: MADF_DNA_bdg
motif: ARCH646_Msantd4/Mypop_Terf2
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 23
gene expression correlation: 0.2997
gene score correlation: 0.1528



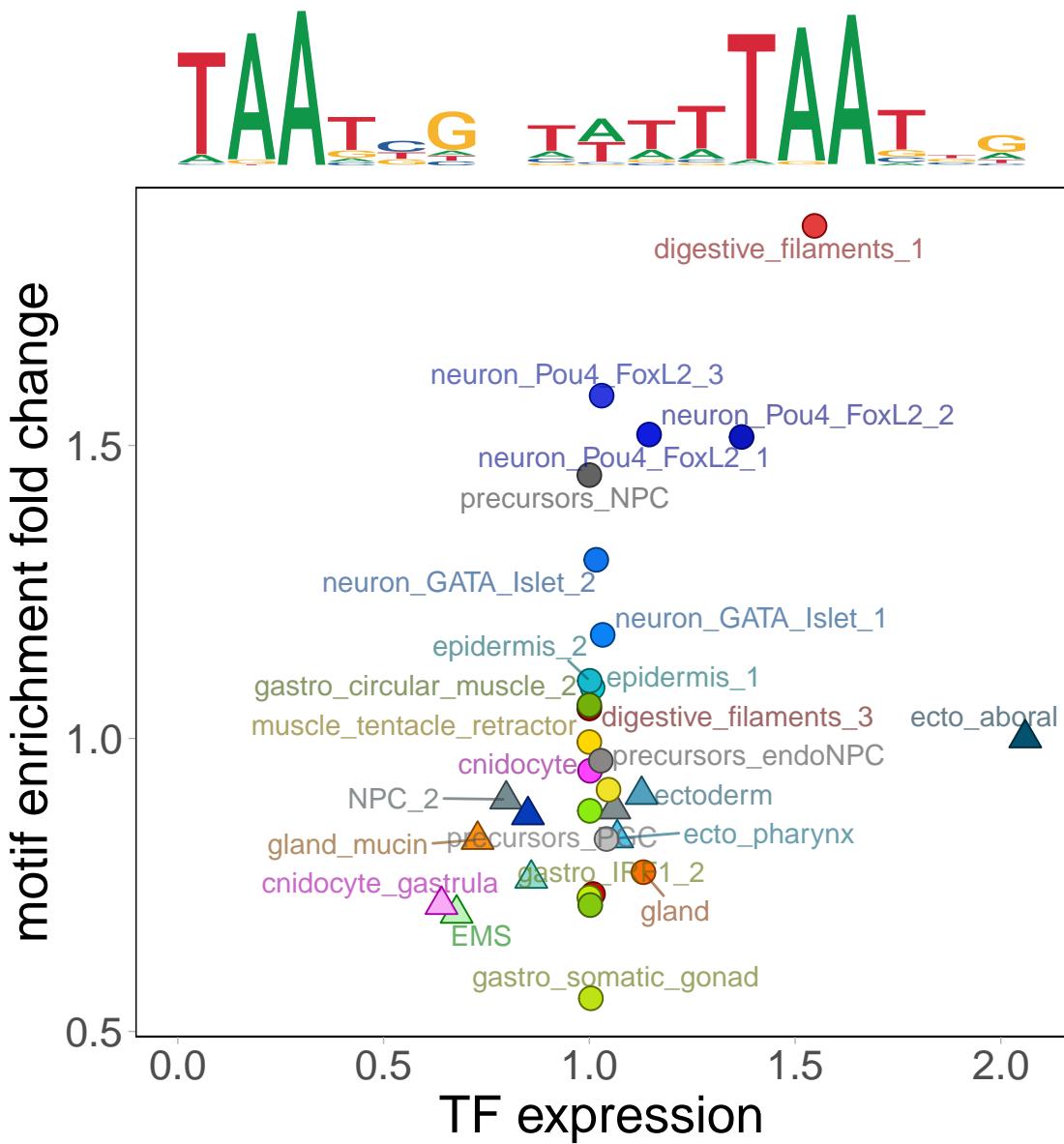
Nvec_vc1.1_XM_048728051.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/F
PFAM: Forkhead
motif: ARCH895_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 200
gene expression correlation: 0.0717
gene score correlation: 0.2858



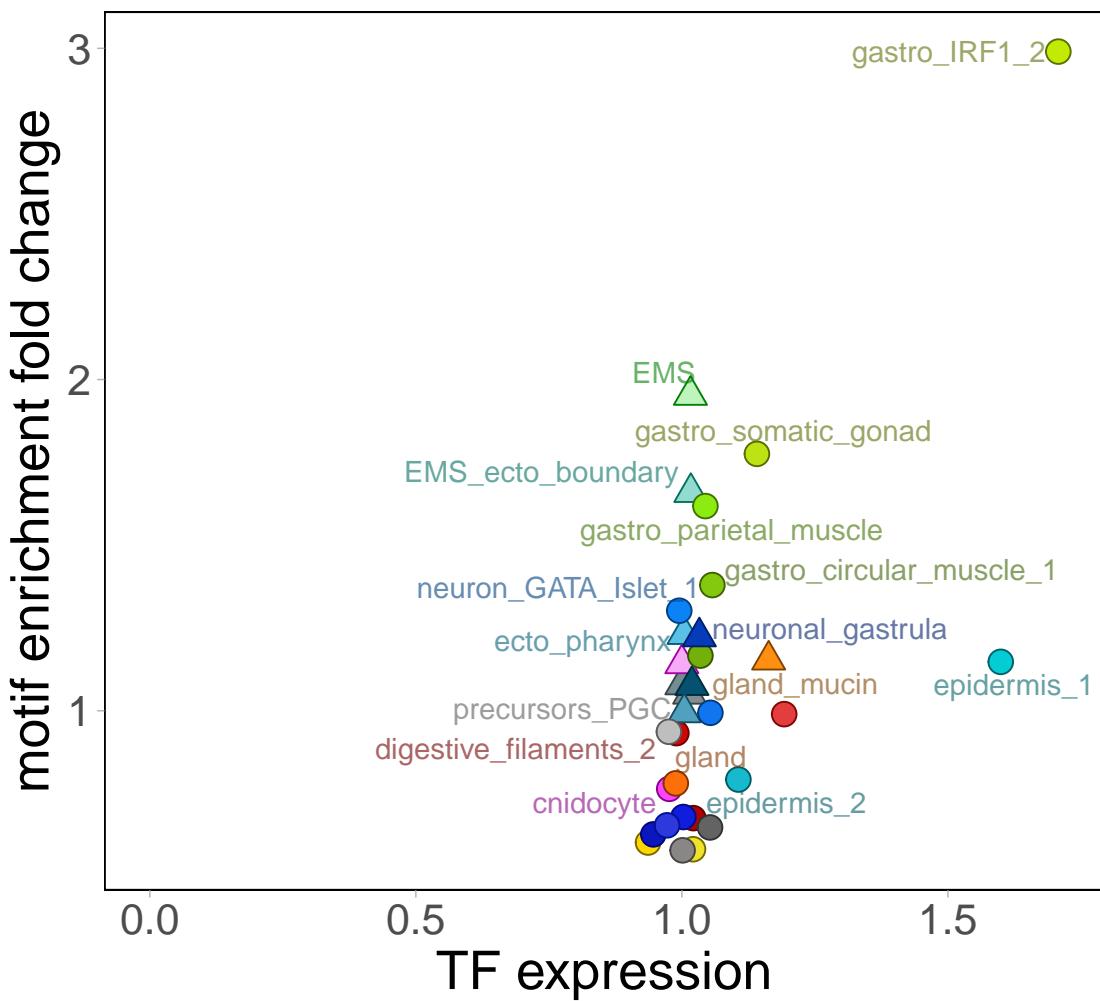
Nvec_vc1.1_XM_048728399.1
OG: bZIP.HG2.5:CEBPA/CEBPB/CEBP
PFAM: bZIP_2
motif: ARCH1224_Cebpd/Cebpe/Cebpa
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 780
gene expression correlation: 0.0706
gene score correlation: -0.0742



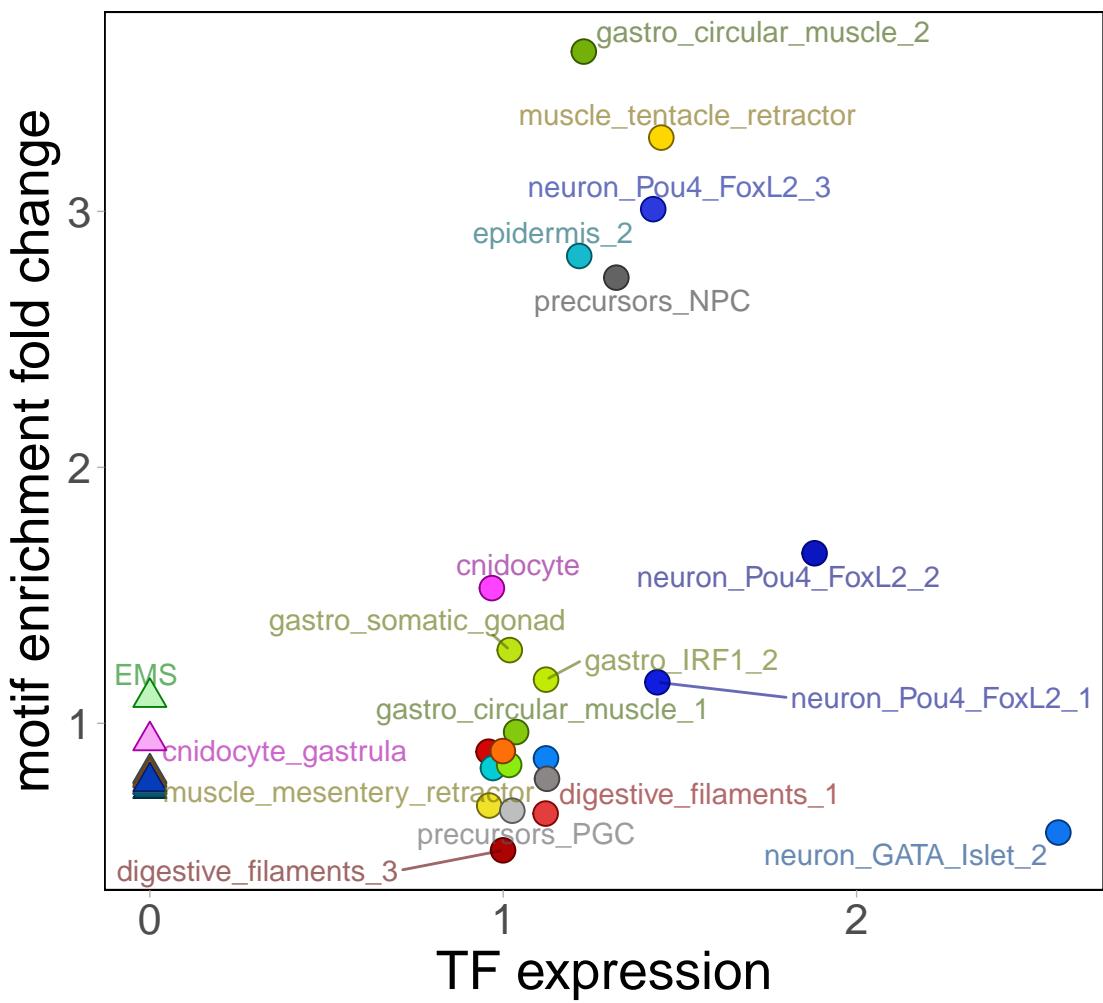
Nvec_vc1.1_XM_048728853.1
OG: Homeodomains.HG1.24:like:HHEX
PFAM: Homeodomain
motif: ARCH304_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 26
gene expression correlation: 0.4261
gene score correlation: 0.4599



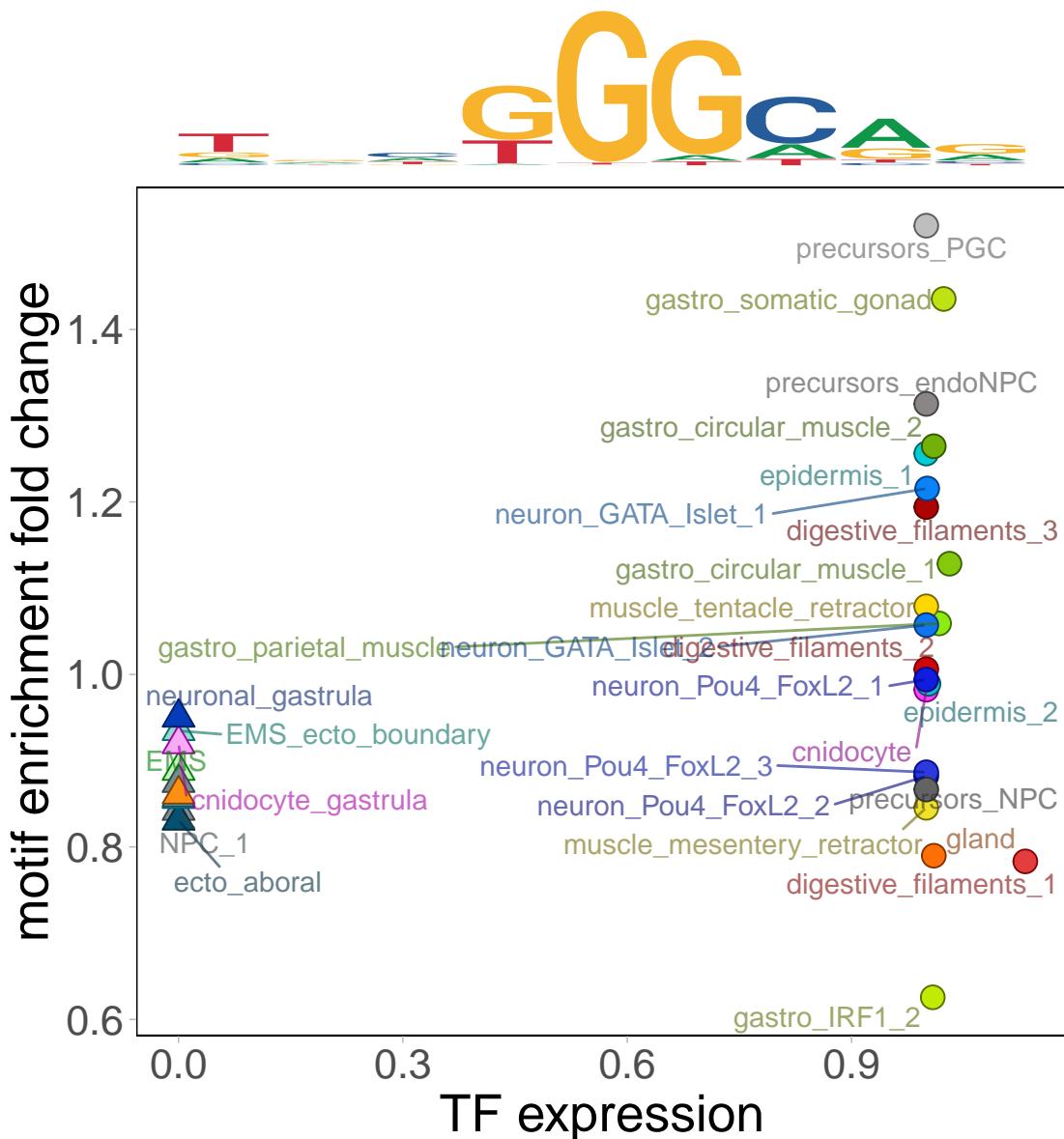
Nvec_vc1.1_XM_048729186.1
OG: Ets.HG1.9:AC020909.1/SPI1/SPIB
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.5973
gene score correlation: 0.6384



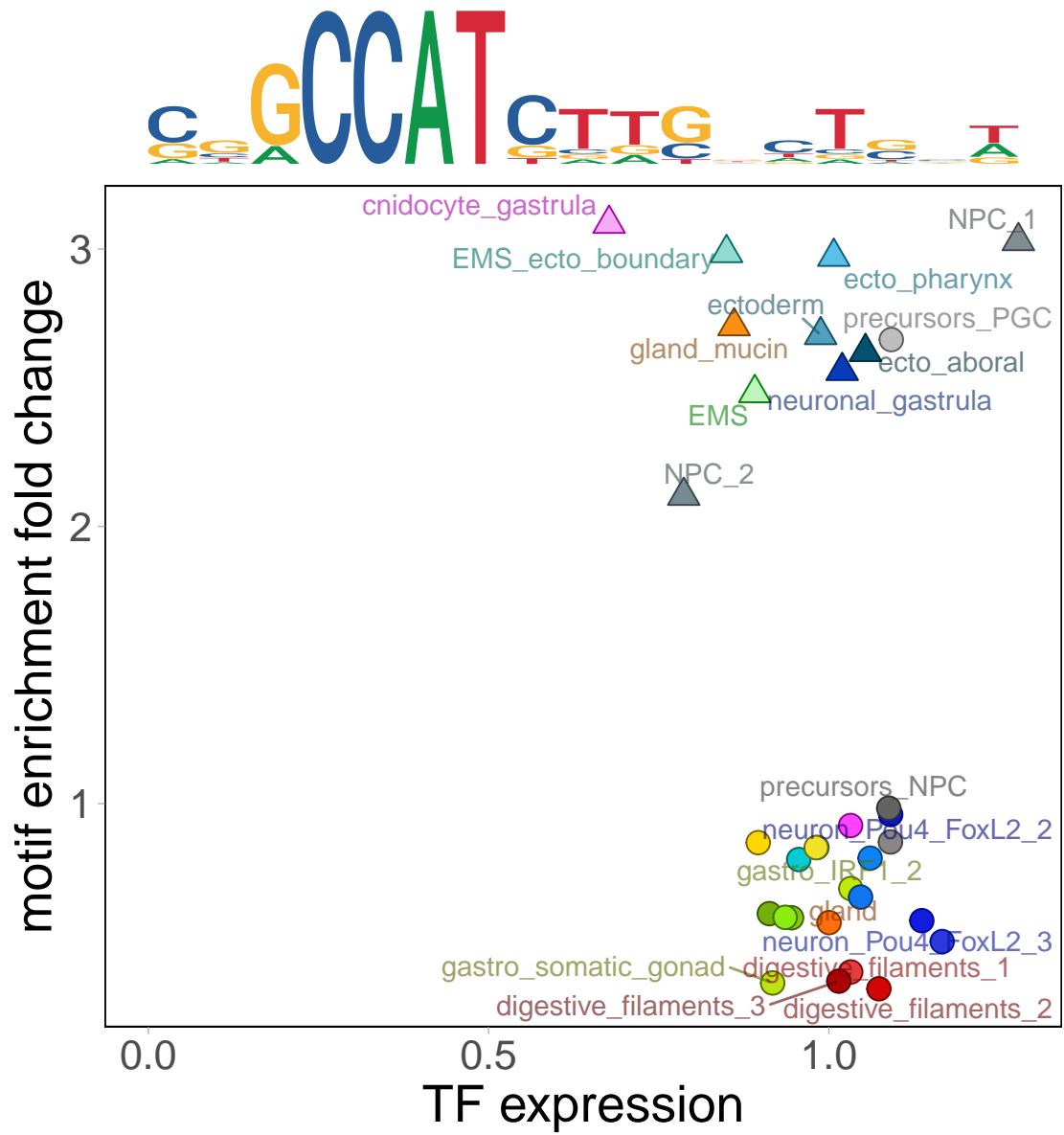
Nvec_vc1.1_XM_048729481.1
OG: zf-C2H2.HG4.3:like:ZIC1/ZIC2/ZIC
PFAM: zf_ZIC/zf-C2H2/zf-C2H2
motif: ARCH922_Zic
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3607
gene score correlation: 0.9628



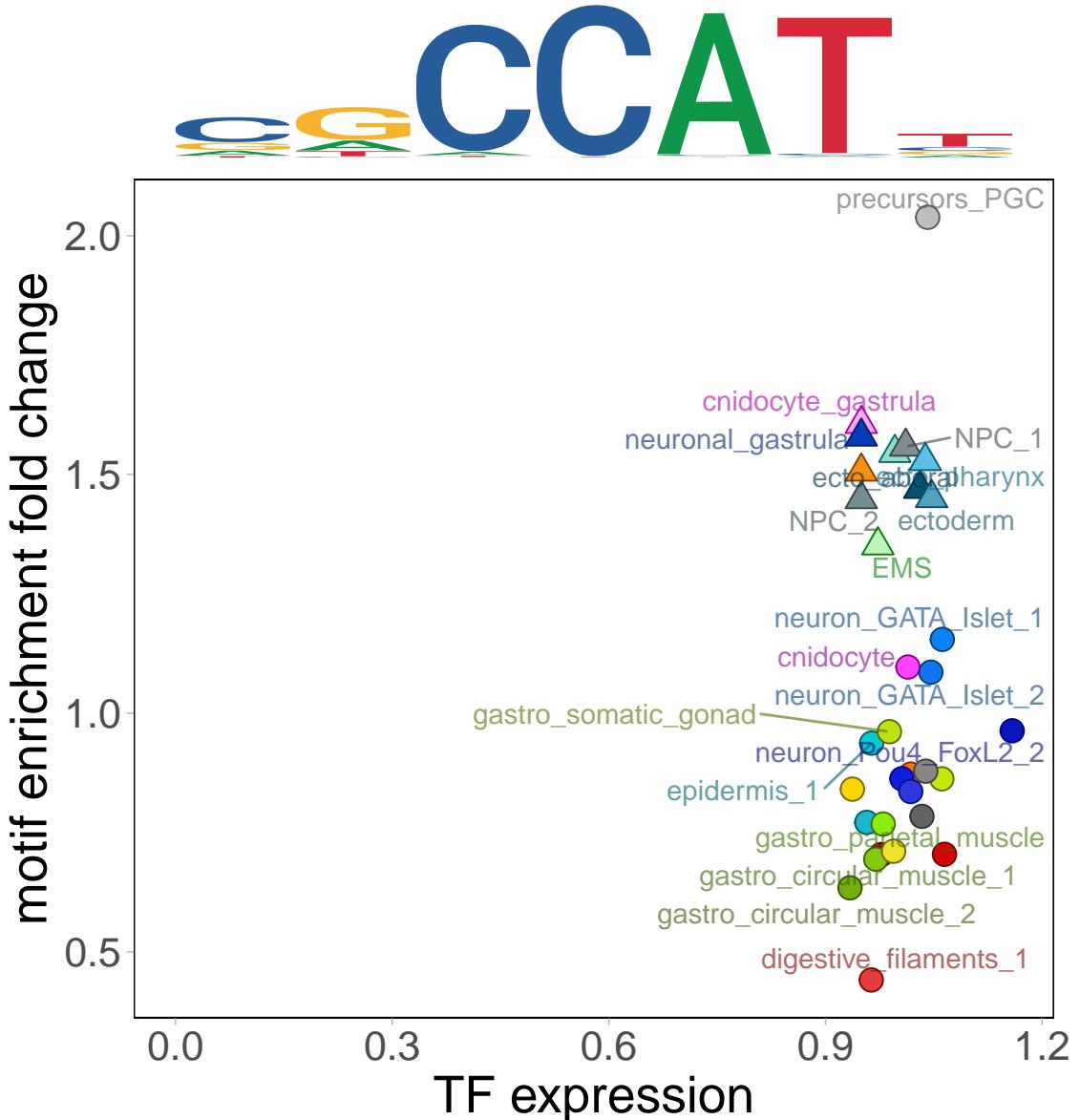
Nvec_vc1.1_XM_048729727.1
OG: THAP_finger.HG1.0:AC073612.1/T
PFAM: THAP
motif: ARCH525_M08176_2.00
TF family: THAP_finger
archetype family: THAP_finger
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.3910
gene score correlation: -0.0298



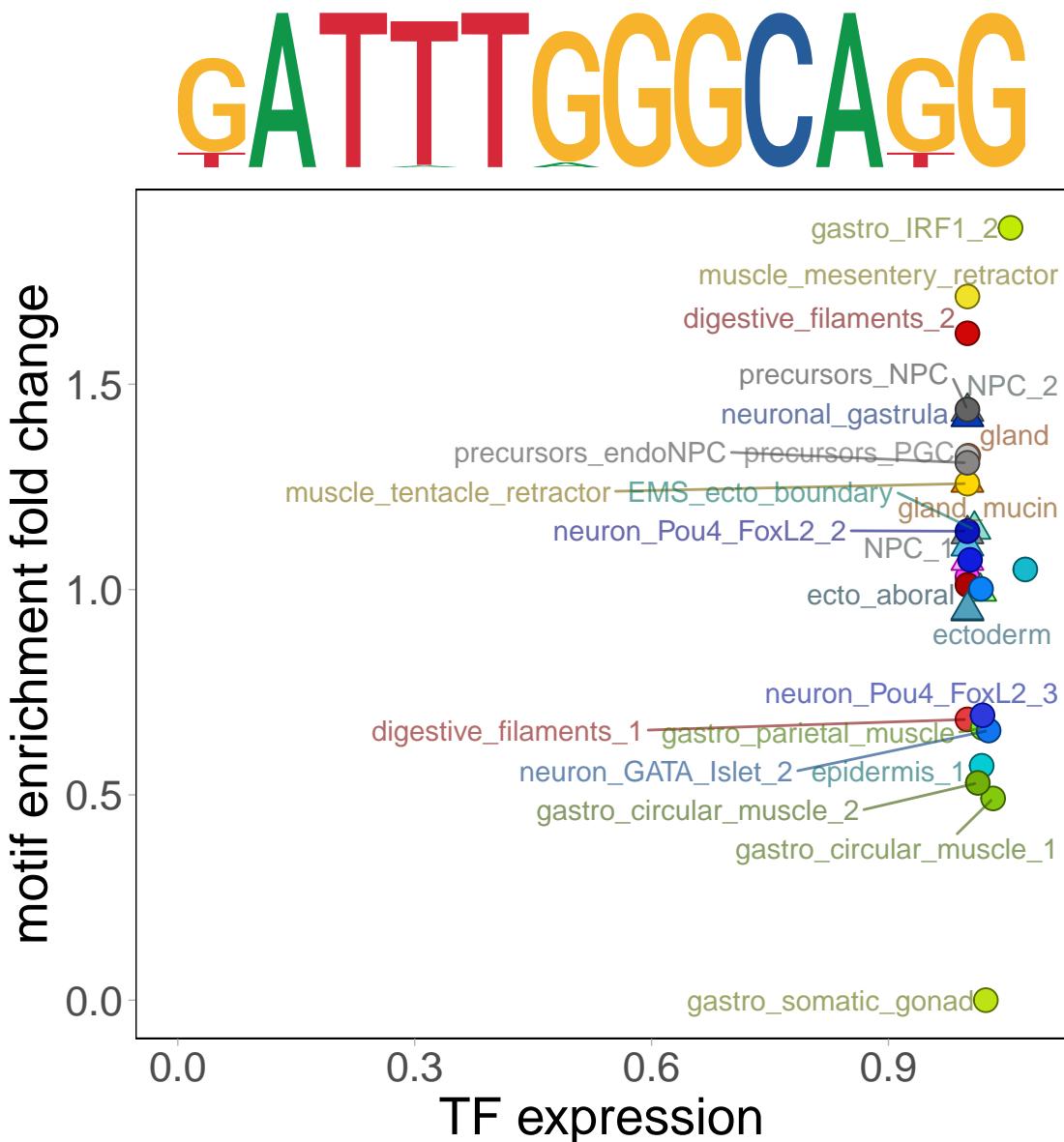
Nvec_vc1.1_XM_048729815.1
OG: zf-C2H2.HG3.36:YY1/YY2/ZFP42
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH523_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: TRUE
rank: 1
gene expression correlation: -0.2341
gene score correlation: 0.1959



Nvec_vc1.1_XM_048730021.1
OG: zf-C2H2.HG2.4:MTF1/ZNF76/ZNF
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C
motif: ARCH1260_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.0483
gene score correlation: 0.1353



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: -0.1989
gene score correlation: 0.0027



Nvec_vc1.1_XM_048730169.1

OG: Myb.HG1.11:MIS18BP1

PFAM: SANTA/Myb_DNA-binding

motif: ARCH193_MYB116

TF family: Myb

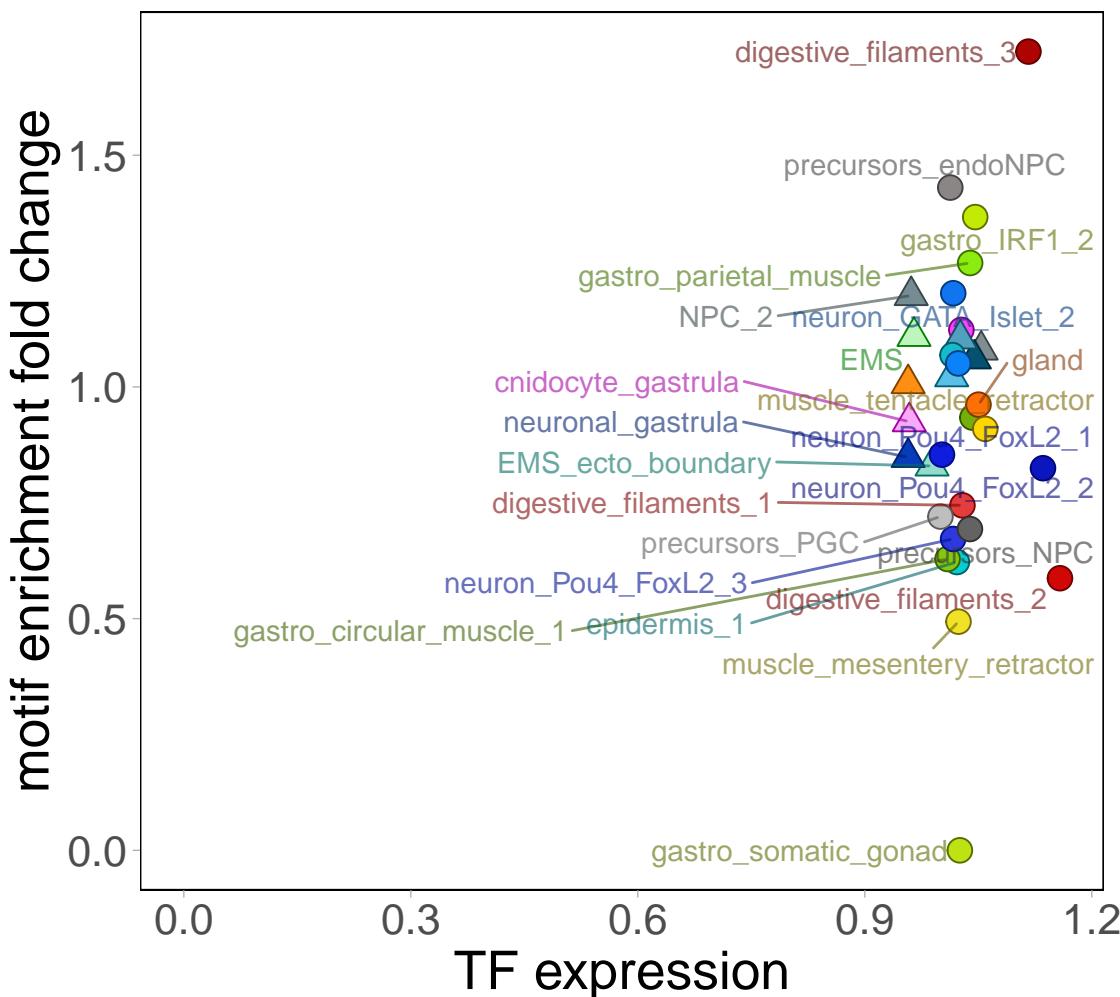
archetype family: Myb

CisBP assigned: FALSE

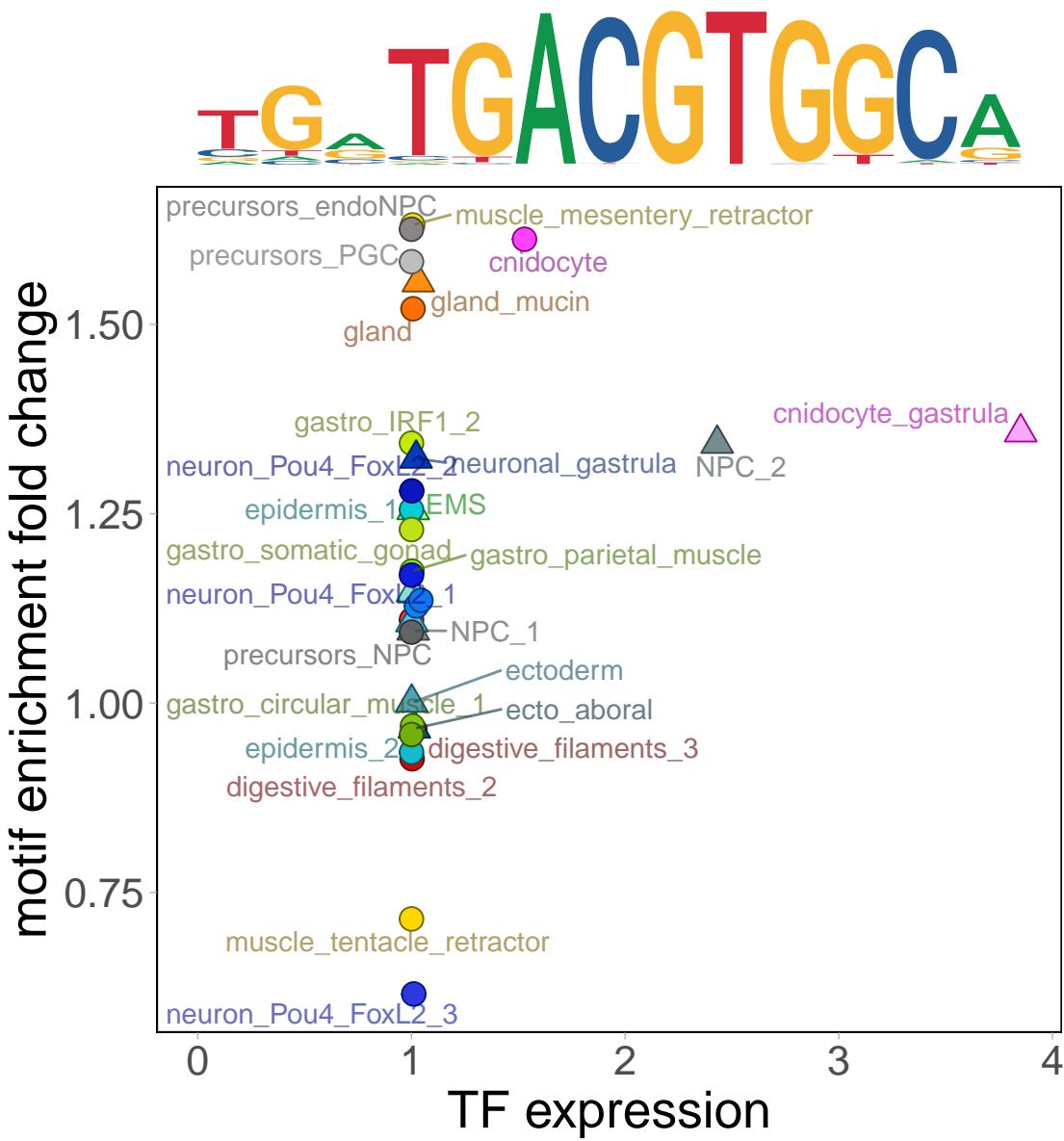
rank: 387

gene expression correlation: 0.0291

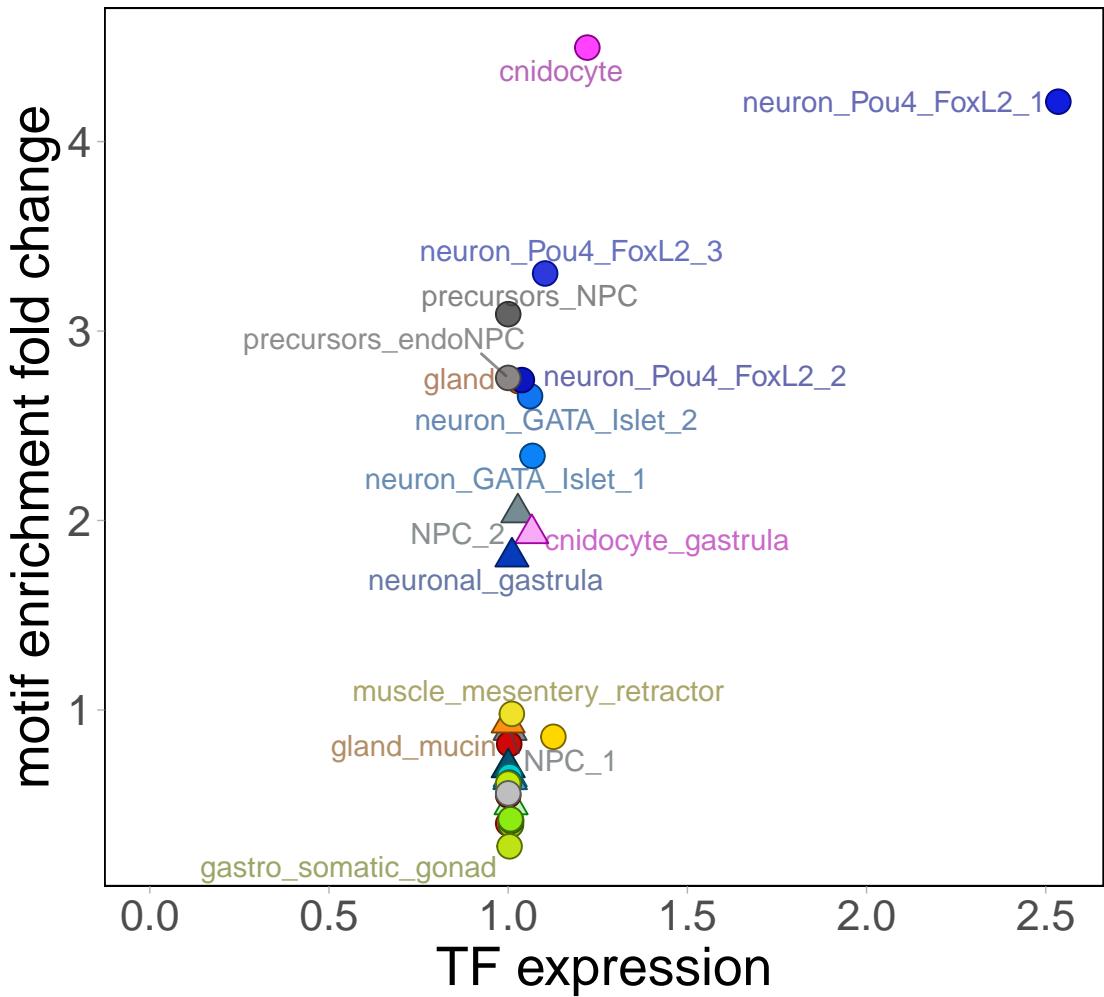
gene score correlation: -0.0580



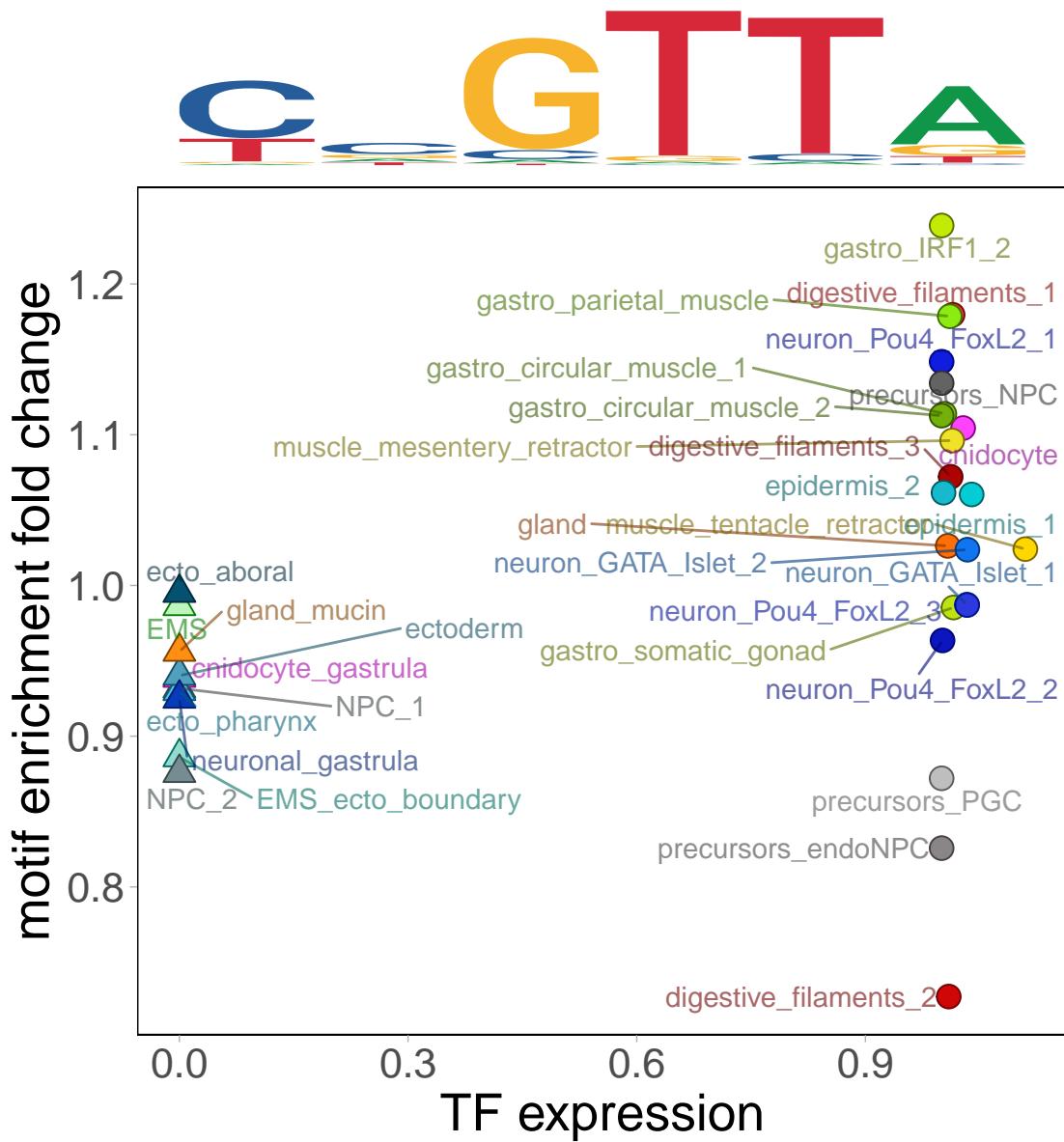
Nvec_vc1.1_XM_048730283.1
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH947_Creb3I2/Creb3I1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.2054
gene score correlation: 0.3474



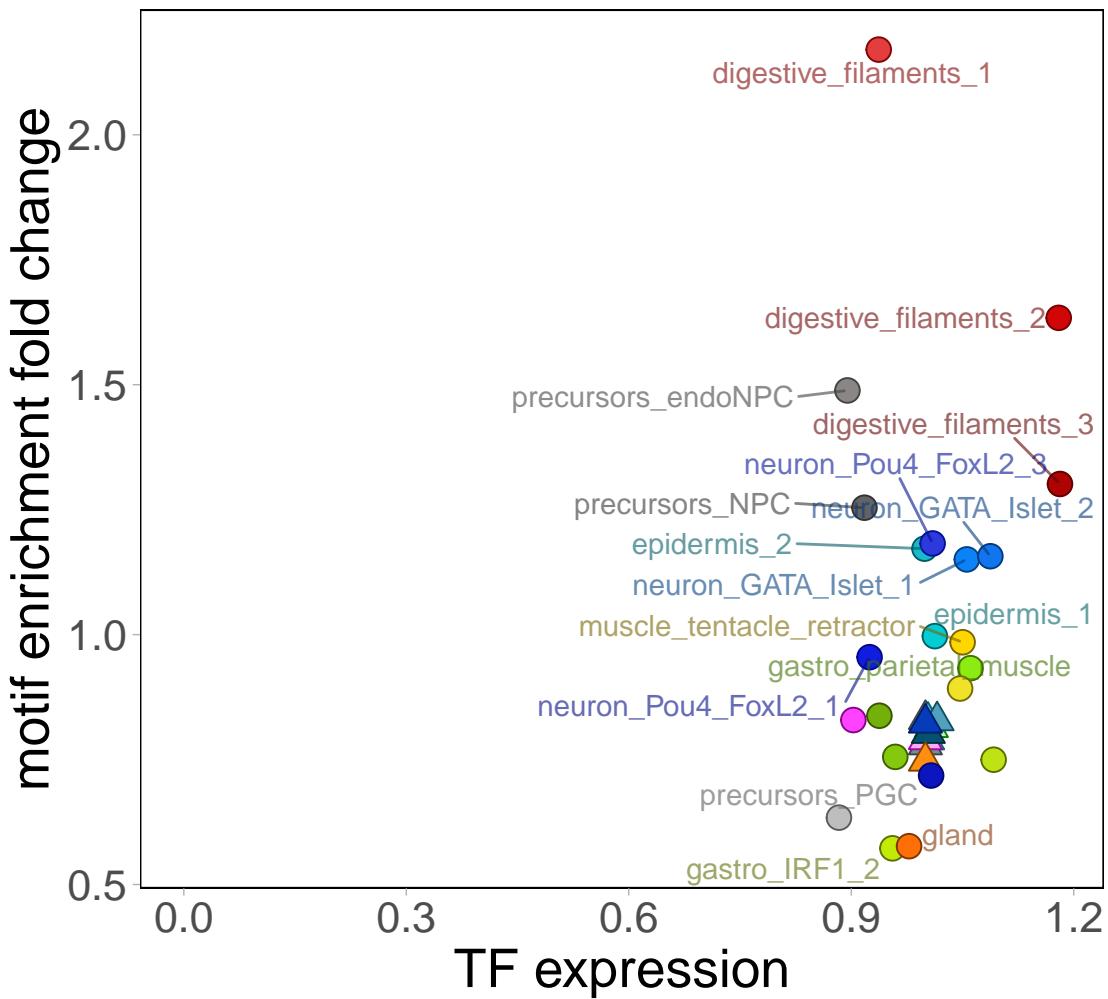
Nvec_vc1.1_XM_048731064.1
OG: zf-C2H2.HG87.0:NA
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH470_Snai2
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.5141
gene score correlation: 0.4654



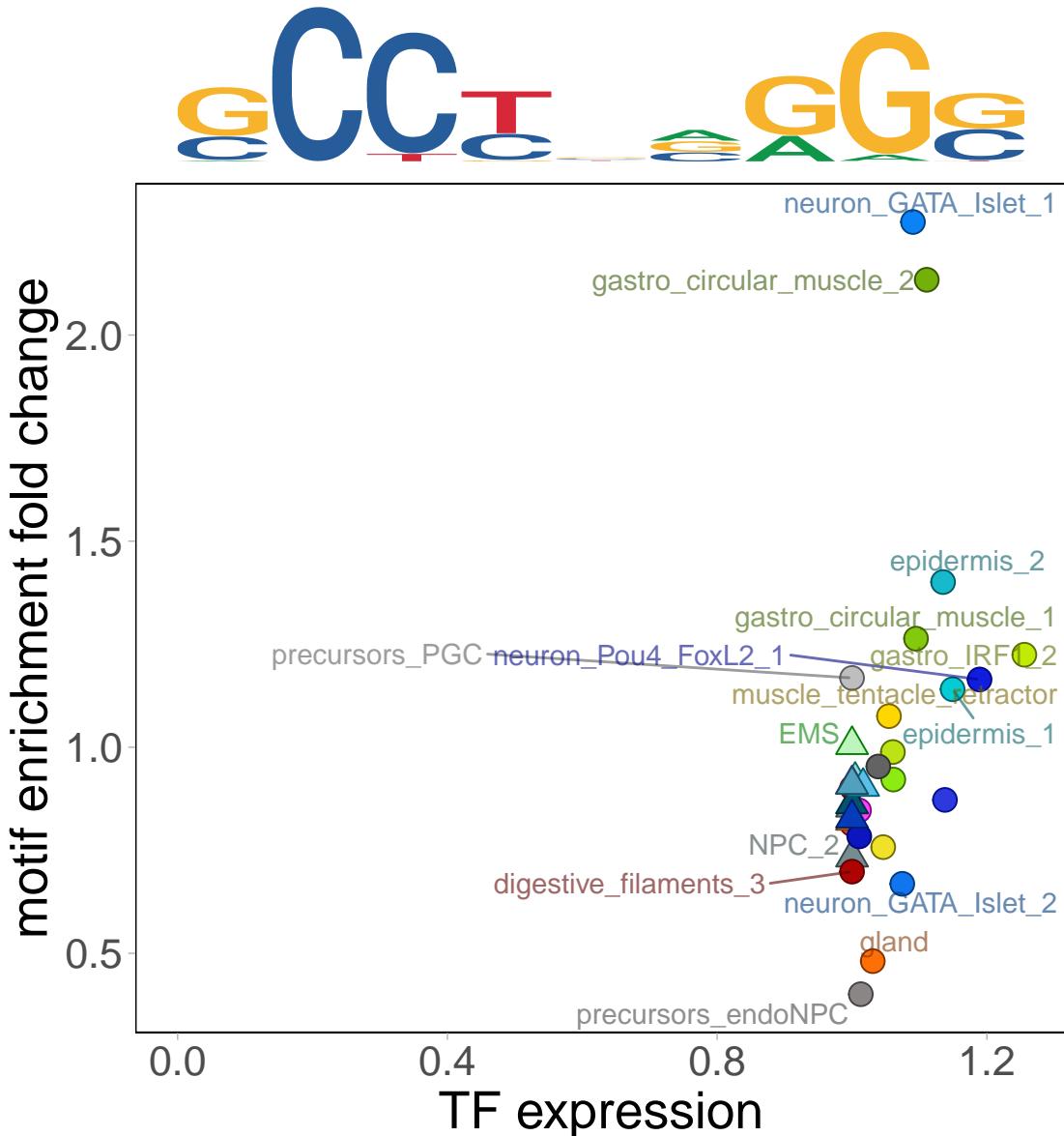
Nvec_vc1.1_XM_048731081.1
OG: Myb.HG1.21:like:MIER1/MIER2/MI
PFAM: Myb_DNA-binding
motif: ARCH1387_MYB105
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 189
gene expression correlation: 0.4377
gene score correlation: -0.4363



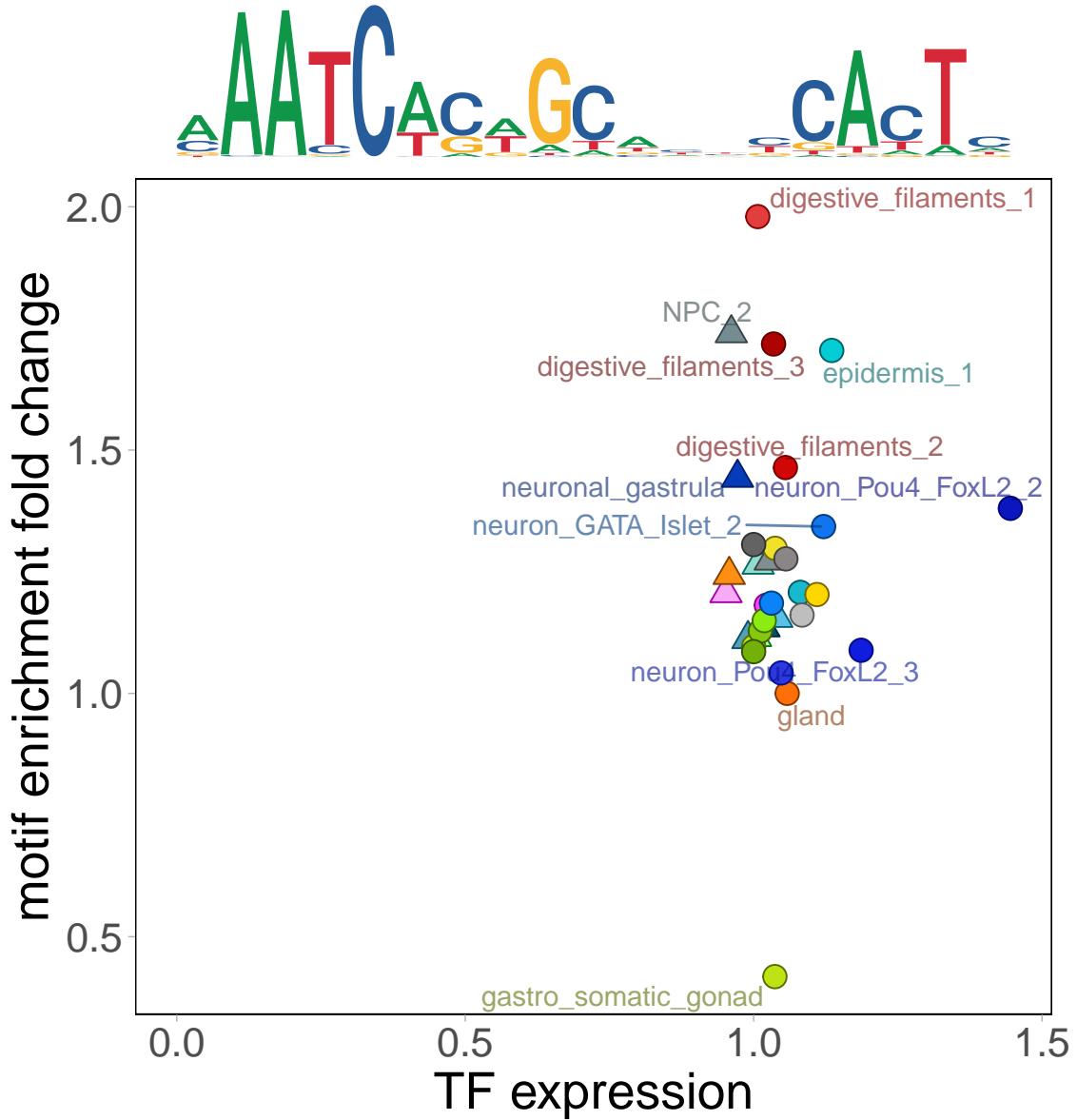
Nvec_vc1.1_XM_048731196.1
OG: HMGbox_Sox.HG1.4:like:HBP1
PFAM: HLH/HMG_box/zf-CW
motif: ARCH128_PB0068.1_Sox1_1
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 493
gene expression correlation: 0.1663
gene score correlation: -0.0738



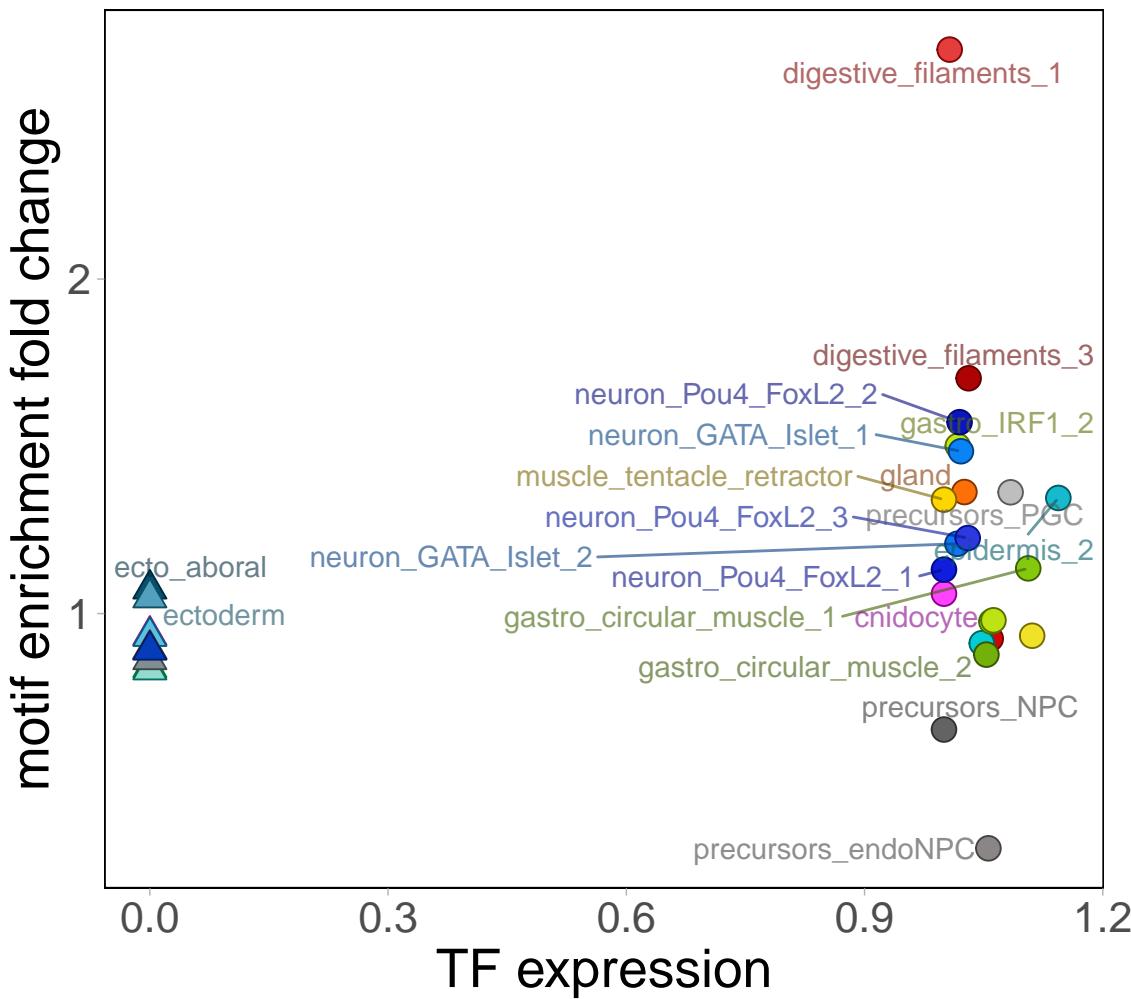
Nvec_vc1.1_XM_048731339.1
OG: AP-2.HG1.3:like:TFAP2A/TFAP2B
PFAM: TF_AP-2
motif: ARCH387_TFAP2E
TF family: AP2
archetype family: AP2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.4643
gene score correlation: 0.7483



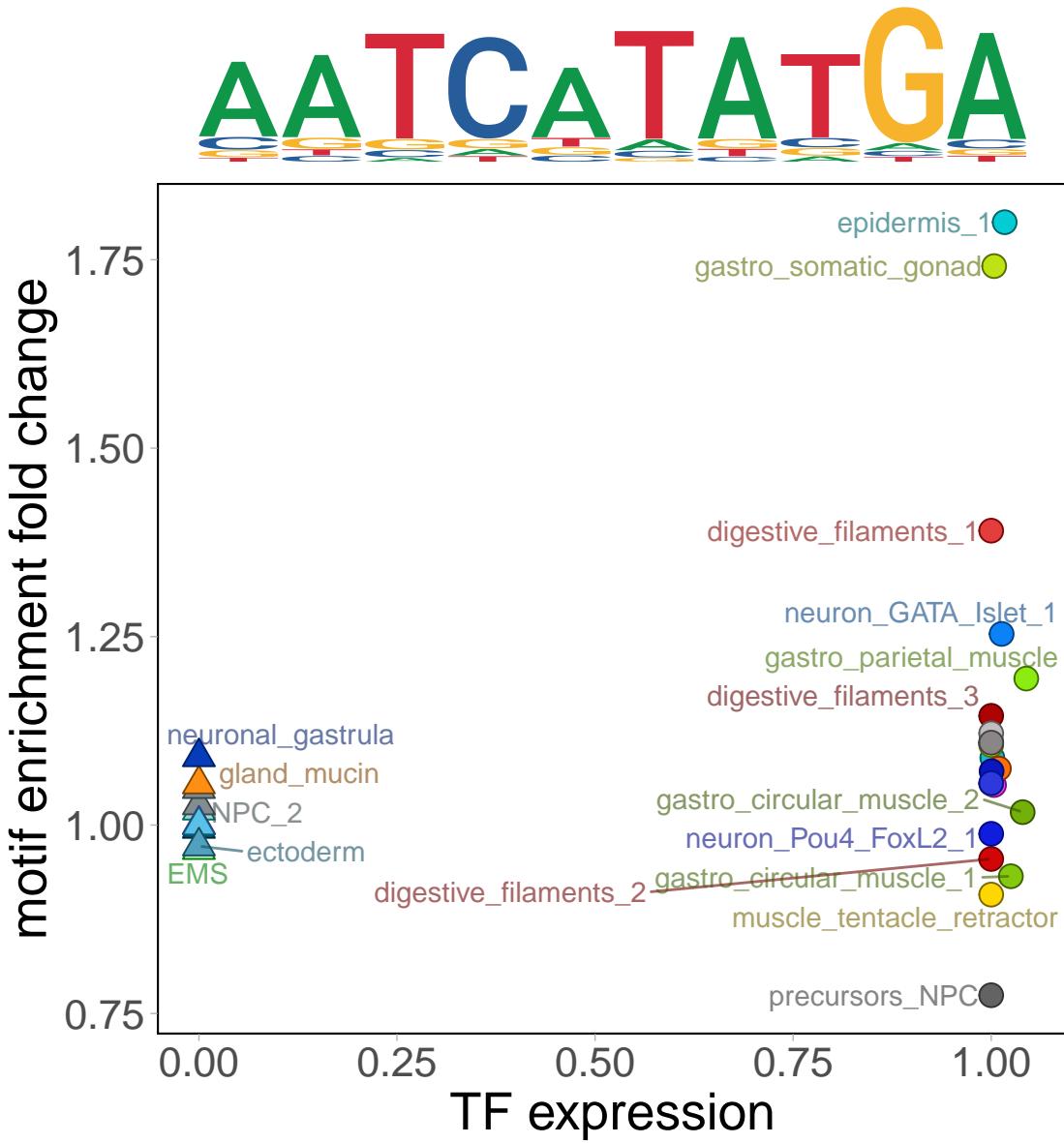
Nvec_vc1.1_XM_048731647.1
OG: zf-C2H2.HG36.2:ZNF425
PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.0374
gene score correlation: 0.0940



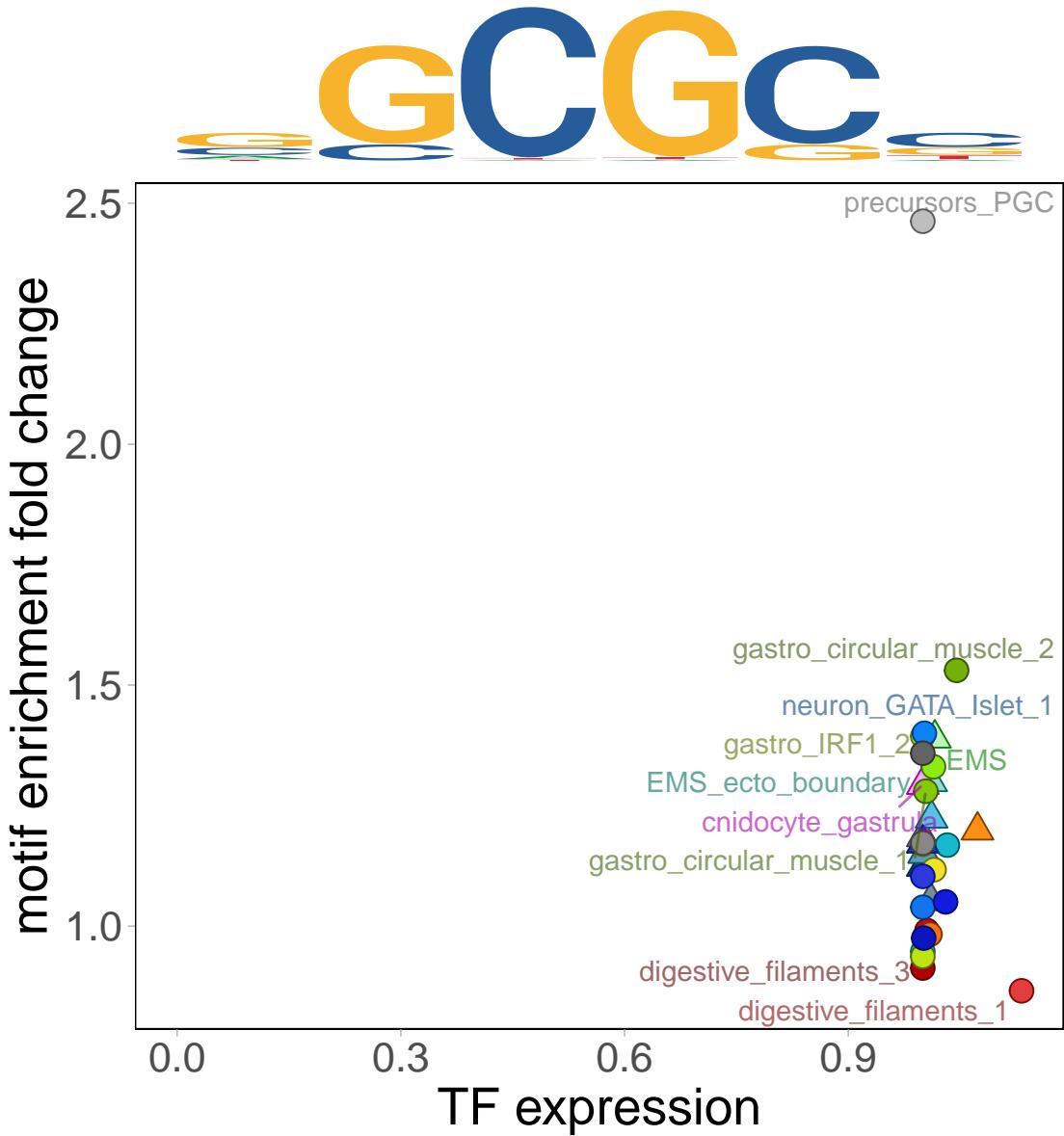
Nvec_vc1.1_XM_048731755.1
OG: Homeodomains.HG1.5:like:AC0040
PFAM: Homeodomain
motif: ARCH1055_MF0010.1_Homeobd
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 720
gene expression correlation: 0.3252
gene score correlation: -0.2618



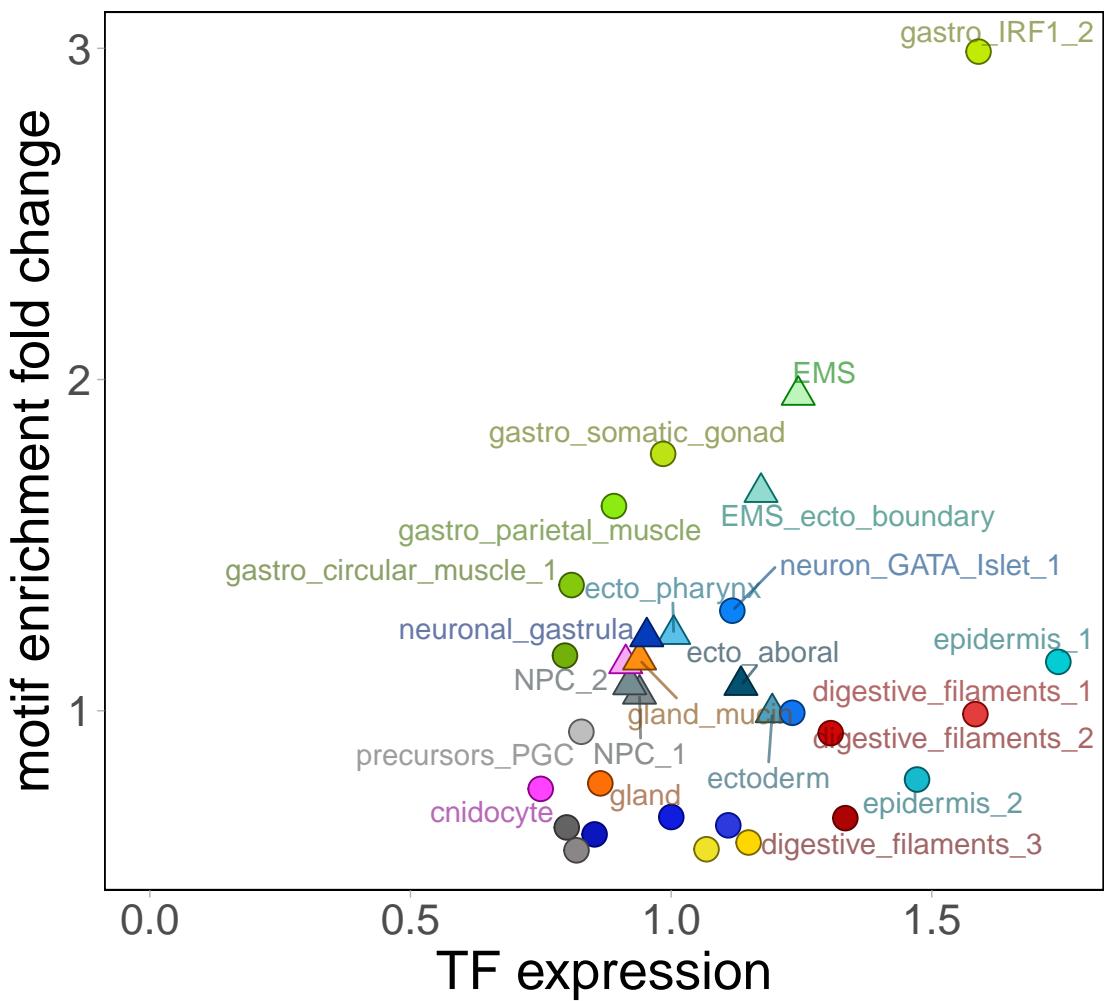
Nvec_vc1.1_XM_048731942.1
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 758
gene expression correlation: 0.2679
gene score correlation: 0.1612



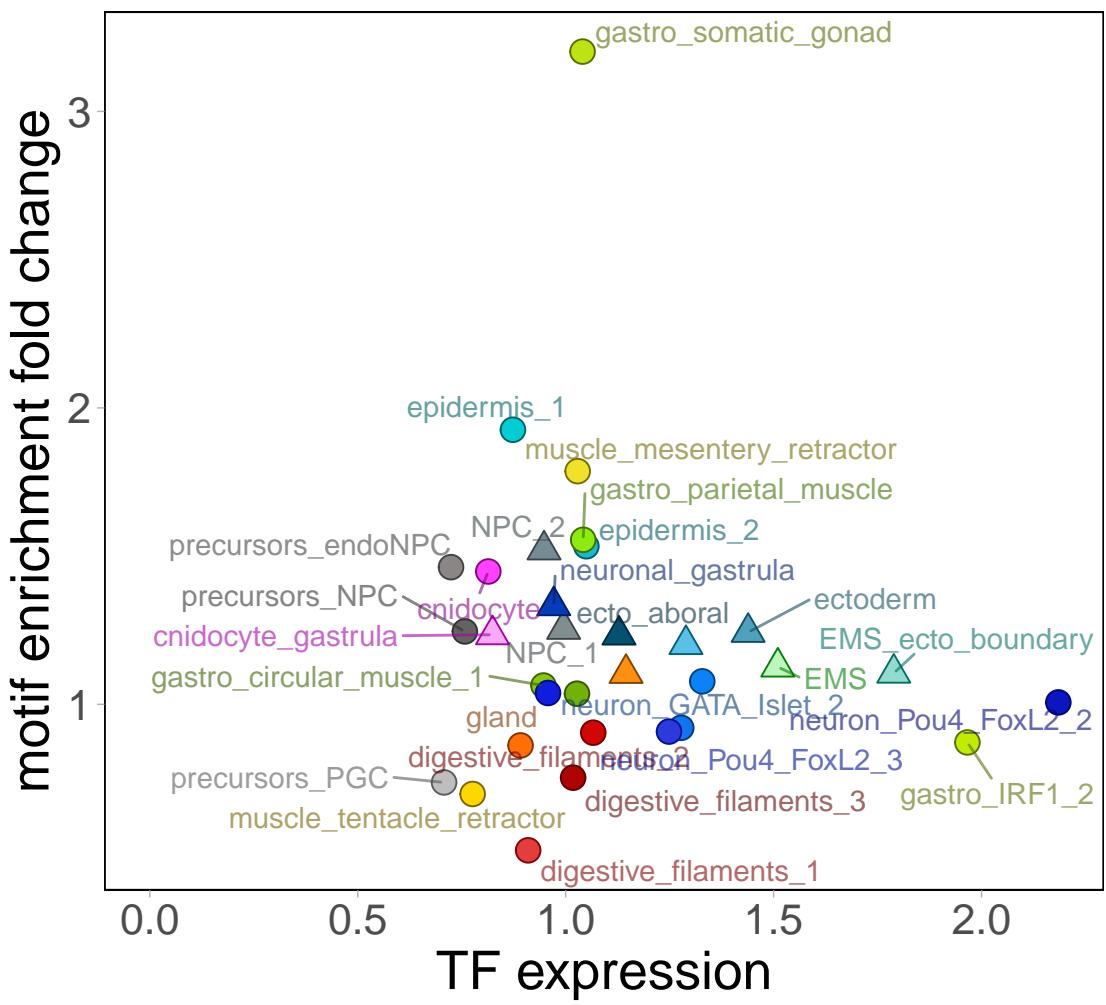
Nvec_vc1.1_XM_048732398.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 360
gene expression correlation: -0.1477
gene score correlation: 0.2917



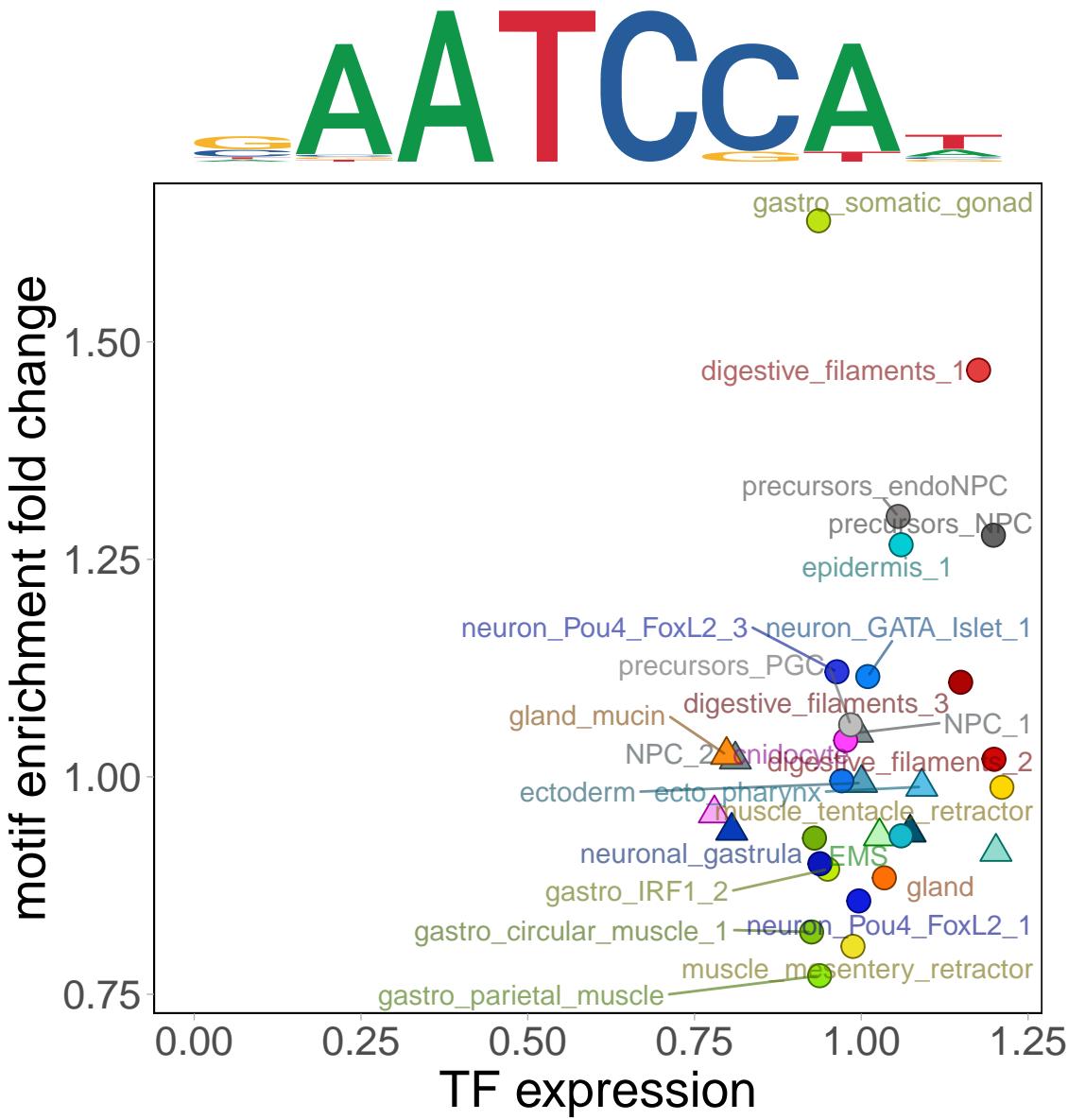
Nvec_vc1.1_XM_048732532.1
OG: Ets.HG1.8:ETS1/ETS2
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 214
gene expression correlation: 0.2879
gene score correlation: 0.3300



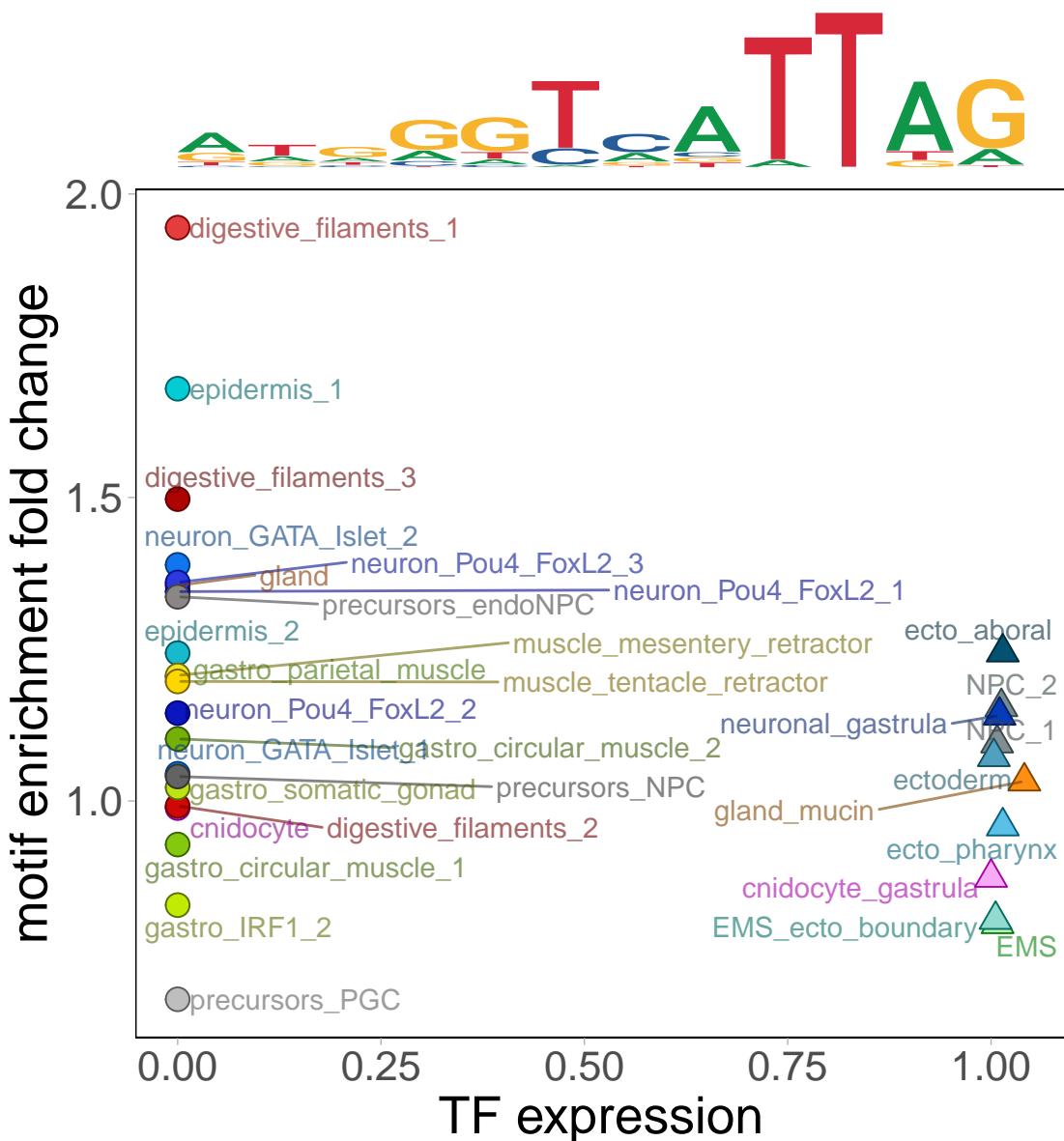
Nvec_vc1.1_XM_048733302.1
OG: HLH.HG1.33:MITF/TFE3/TFEB/TF
PFAM: MITF_TFEB_C_3_N/HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 70
gene expression correlation: -0.1327
gene score correlation: 0.2746



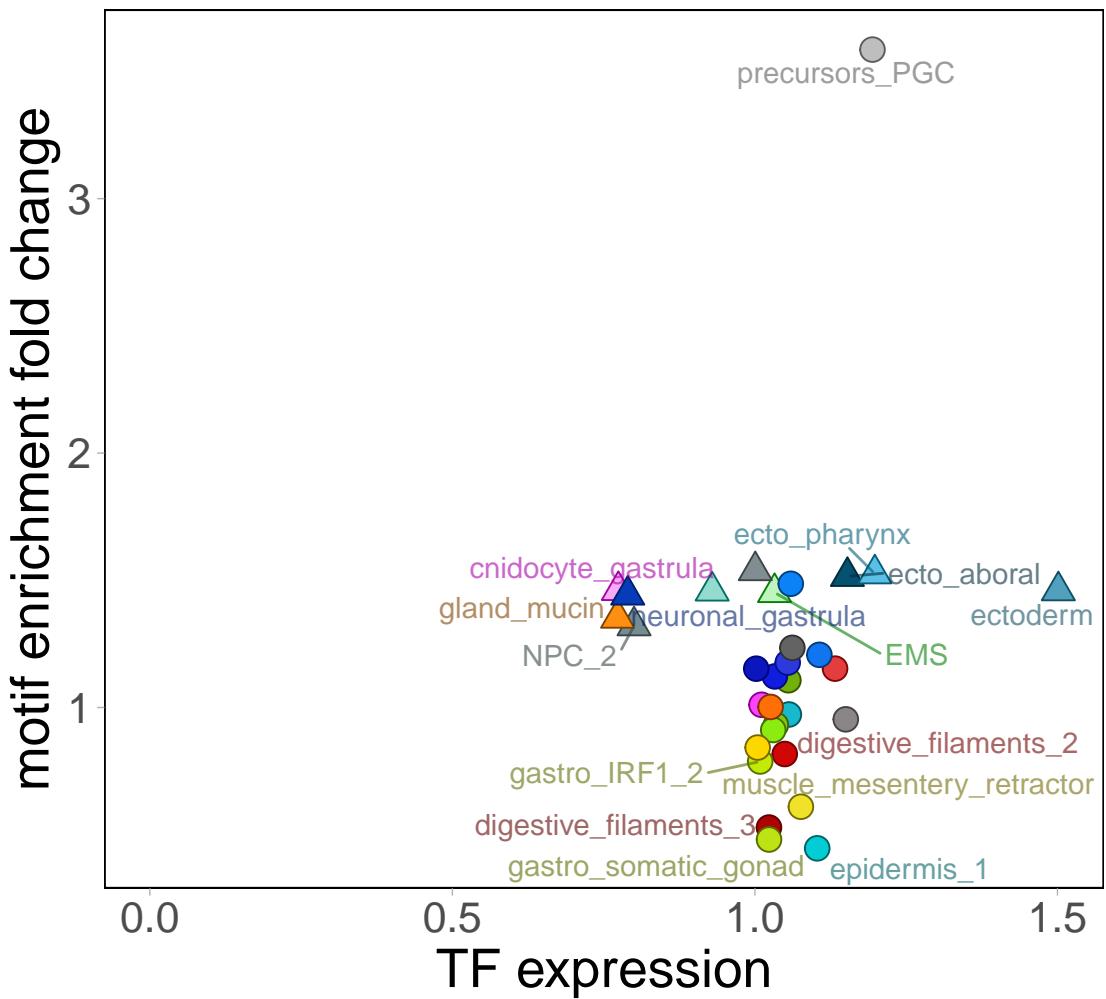
Nvec_vc1.1_XM_048733498.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1
PFAM: Myb_DNA-bind_4/Myb_DNA-bind_4
motif: ARCH153_Msantd2_Rcor1/Rcor2
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 633
gene expression correlation: 0.2337
gene score correlation: 0.2117



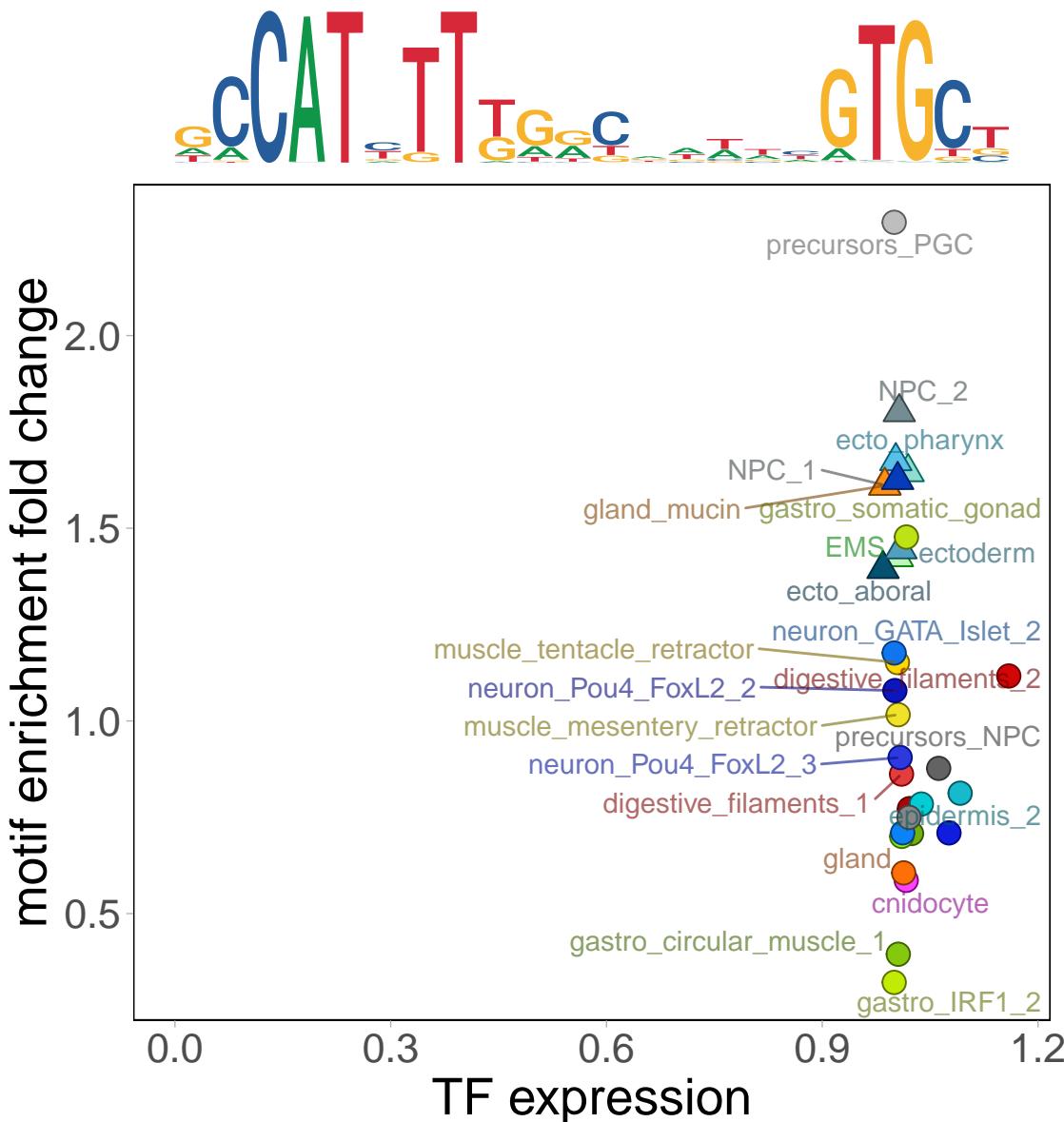
Nvec_vc1.1_XM_048733551.1
OG: Homeodomains.HG1.5:like:AC0040
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1262
gene expression correlation: -0.3371
gene score correlation: 0.0115



Nvec_vc1.1_XM_048734435.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3
PFAM: E2F_TDP/E2F_CC-MB
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 16
gene expression correlation: 0.1264
gene score correlation: 0.3193



Nvec_vc1.1_XM_048734482.1
OG: zf-C2H2.HG1.142:like:AC008758.1
PFAM: zf-C2H2/zf-C2H2_6/zf-C2H2/zf-
motif: ARCH1255_Yy1
TF family: zf-C2H2
archetype family: zf-C2H2
CisBP assigned: FALSE
rank: 21
gene expression correlation: -0.2658
gene score correlation: -0.0184



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: -0.1268
gene score correlation: 0.4219

