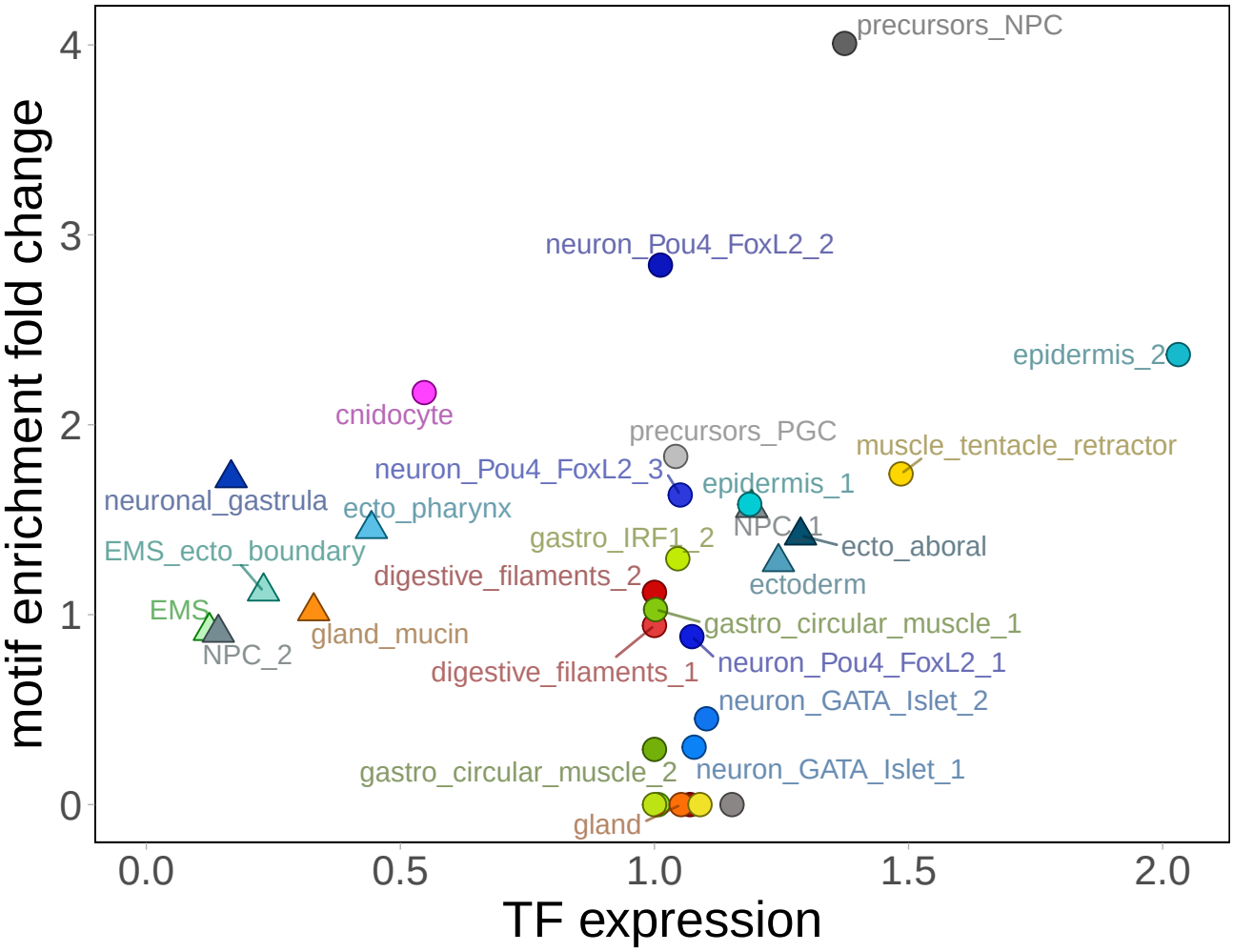
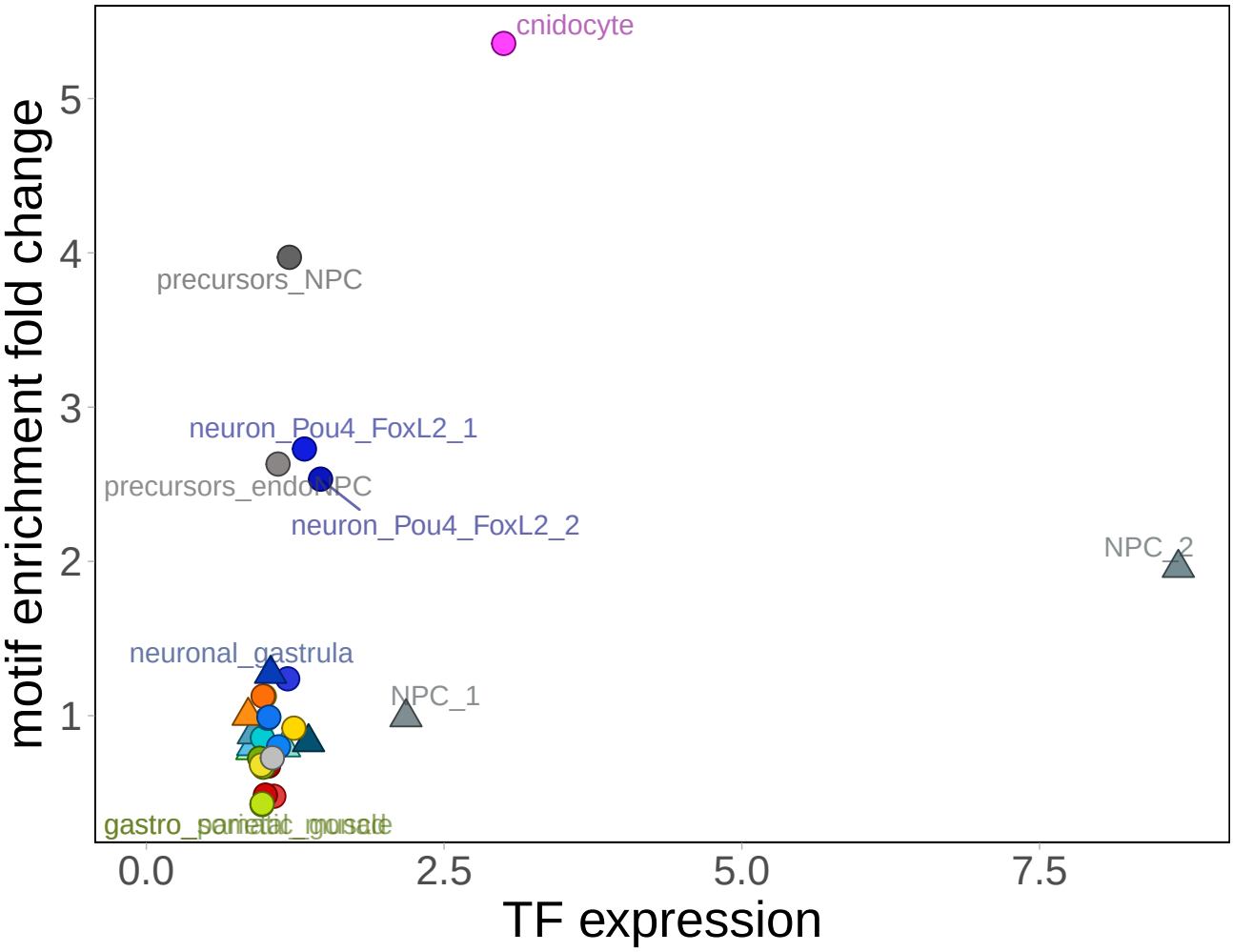
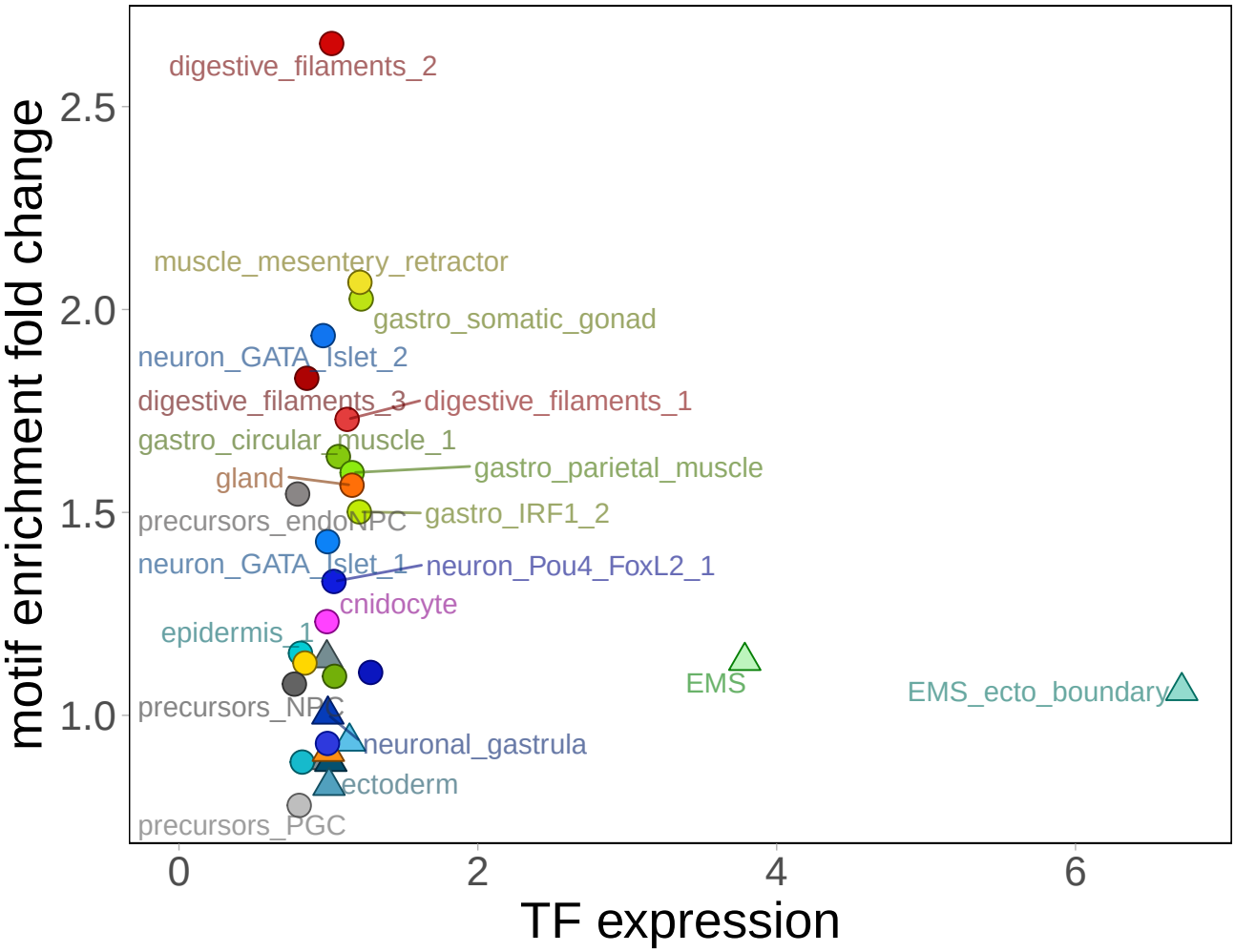
Nvec_NVE23841 (SoxB2/Sox3)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
motif: ARCH1153_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 24
gene expression correlation: 0.1537
gene score correlation: 0.6227



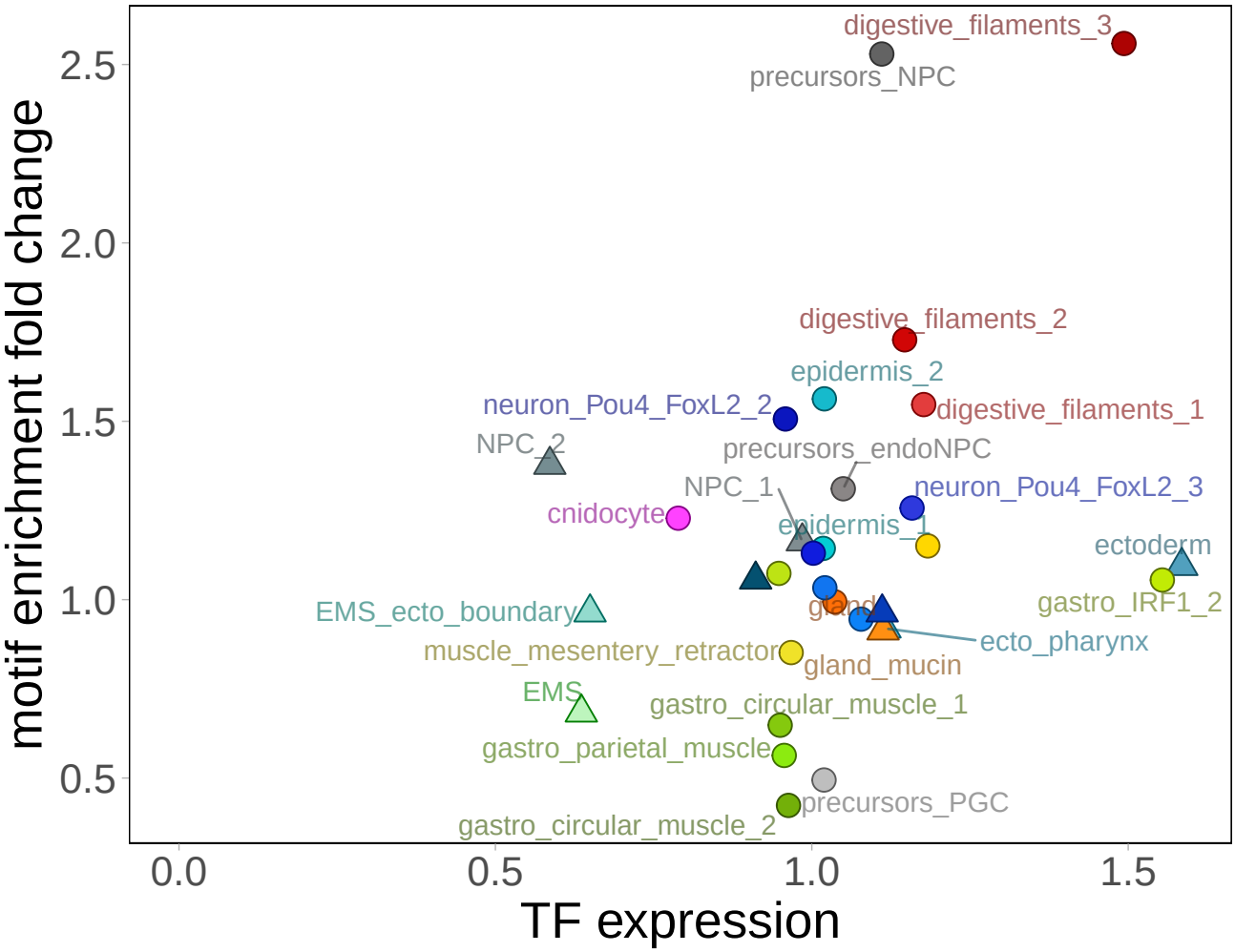
Nvec_v1g19278 (Klf13)
OG: zf−C2H2.HG2.12:KLF9/KLF13/KLF14/KLI
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3111
gene score correlation: 0.7398



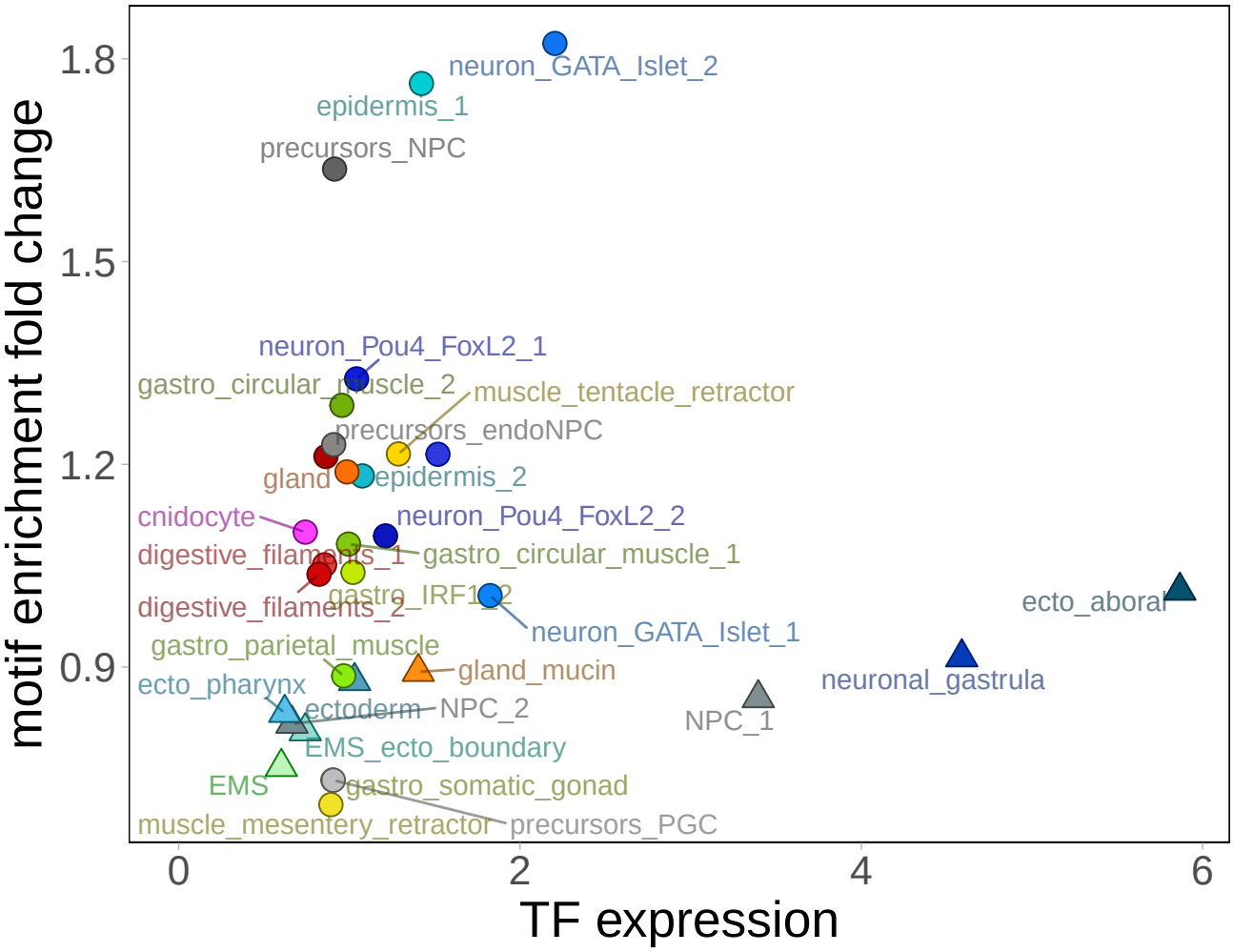
Nvec_vc1.1_XM_001623084.3 (Six4/5)
OG: Homeodomains.HG3.24:SIX4/SIX5
PFAM: SIX1_SD/Homeodomain
motif: ARCH1503_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: −0.0961
gene score correlation: 0.4301



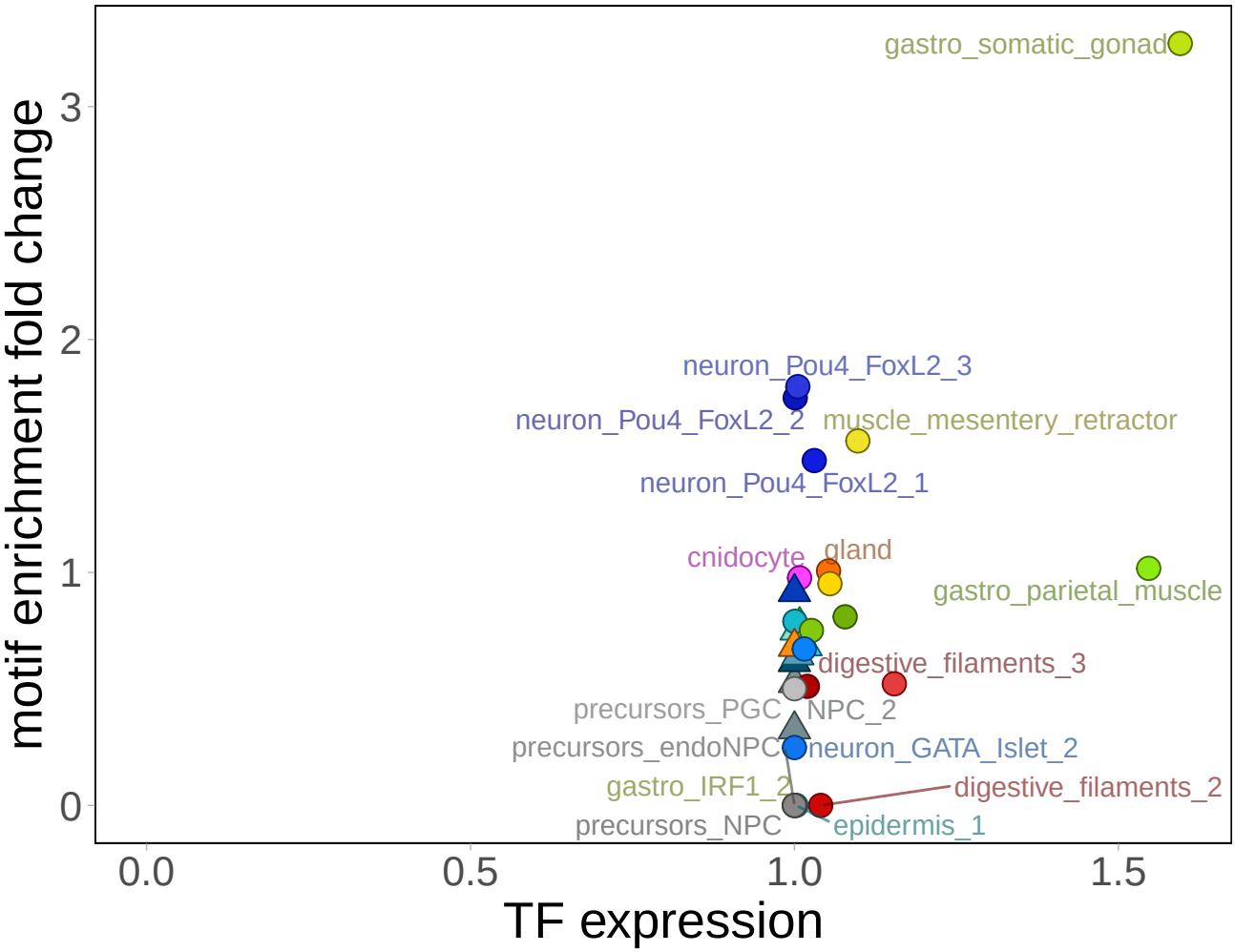
Nvec_vc1.1_XM_001624716.3 (NvSox1)
OG: HMGbox_Sox.HG1.35:SOX1/SOX2/SOX3
PFAM: HMG_box/SOXp
motif: ARCH67_Oct4:Sox17
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.3224
gene score correlation: 0.5852



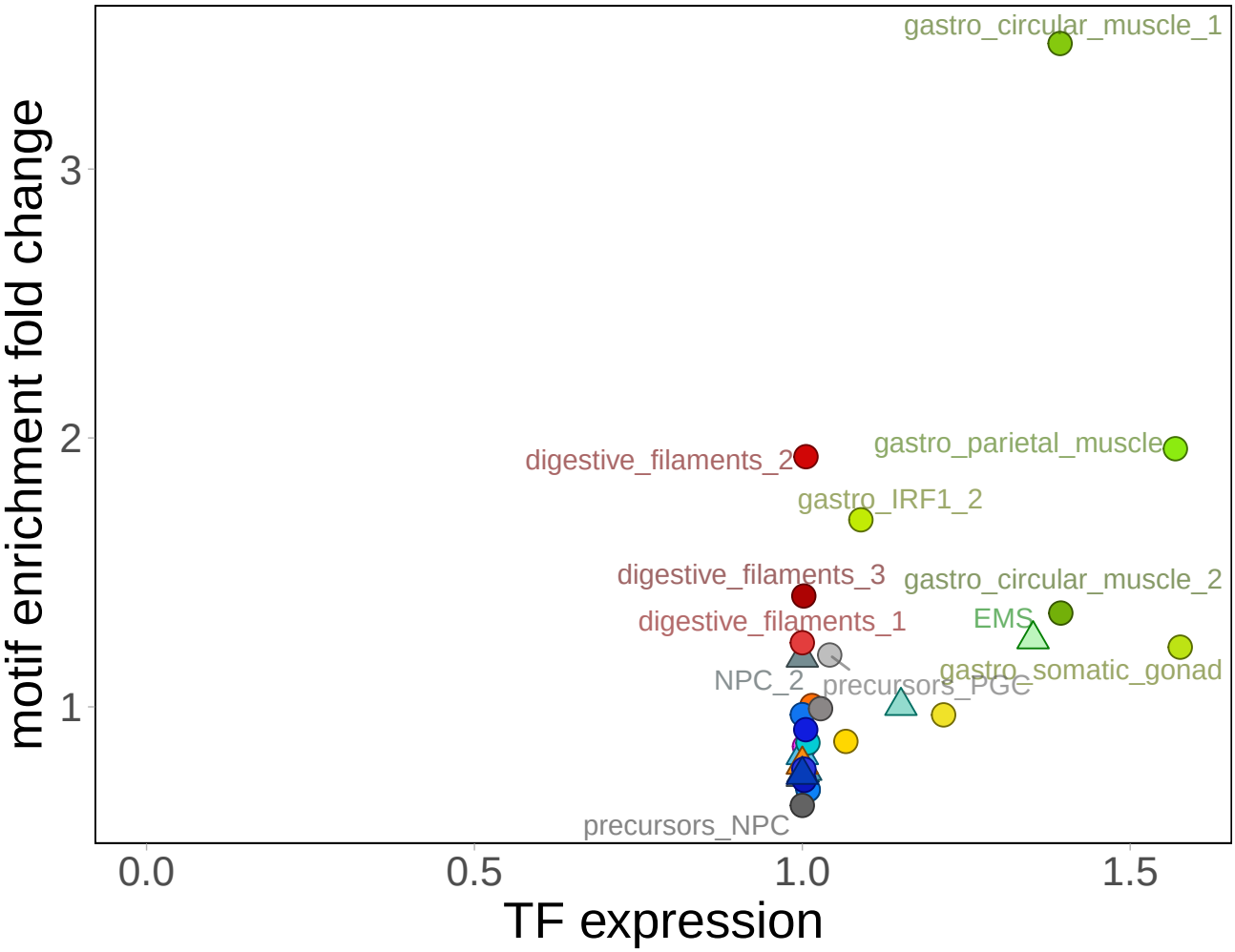
Nvec_vc1.1_XM_001625109.3 (Six3/6)
OG: Homeodomains.HG3.30:SIX3/SIX6
PFAM: SIX1_SD/Homeodomain
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.0194
gene score correlation: 0.4898



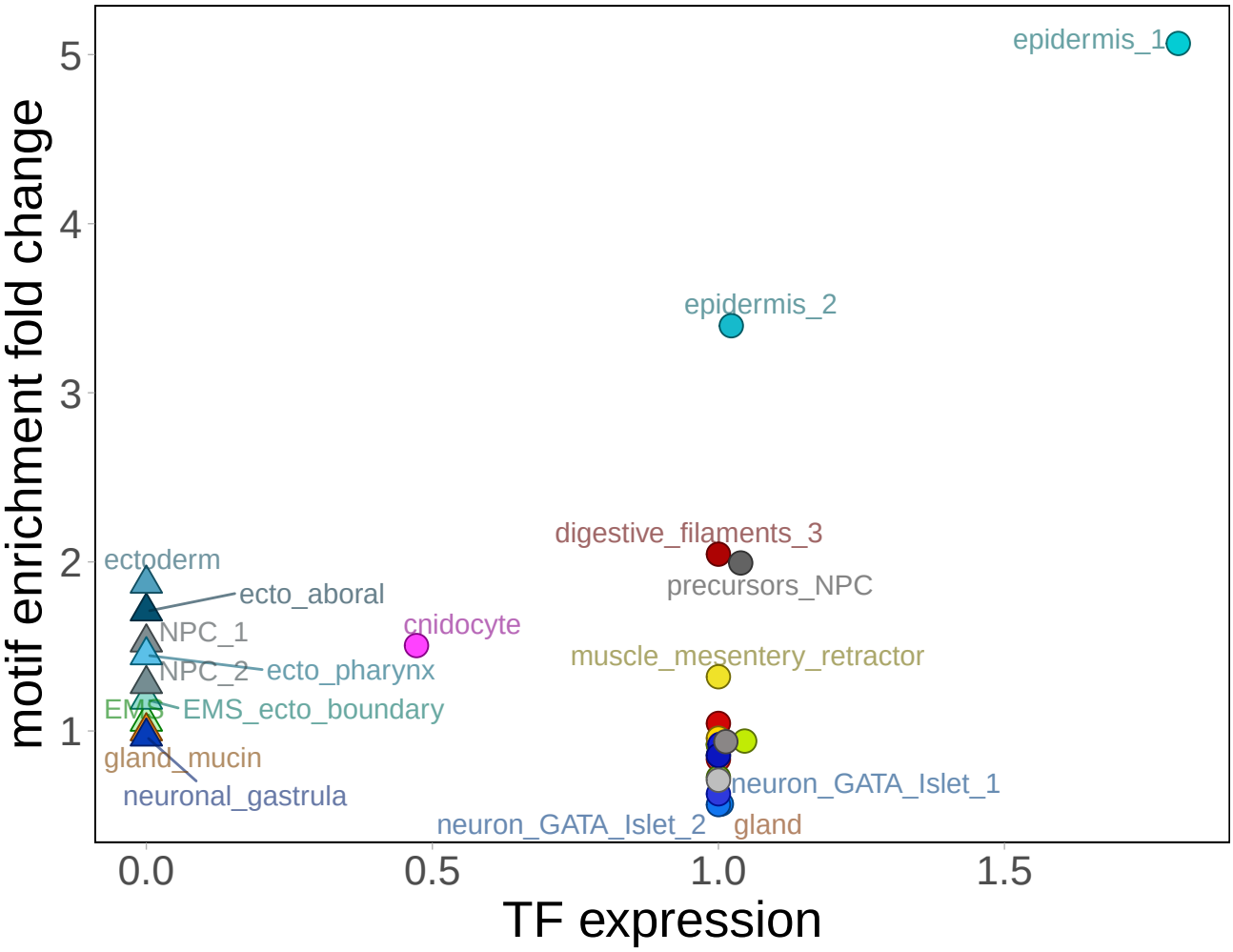
Nvec_vc1.1_XM_001625950.3 (FoxC)
OG: Forkhead.HG1.10:FOXC1/FOXC2
PFAM: Forkhead
motif: ARCH964_Foxc2/Foxc1_Foxg1/G...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 236
gene expression correlation: 0.5774
gene score correlation: 0.5281



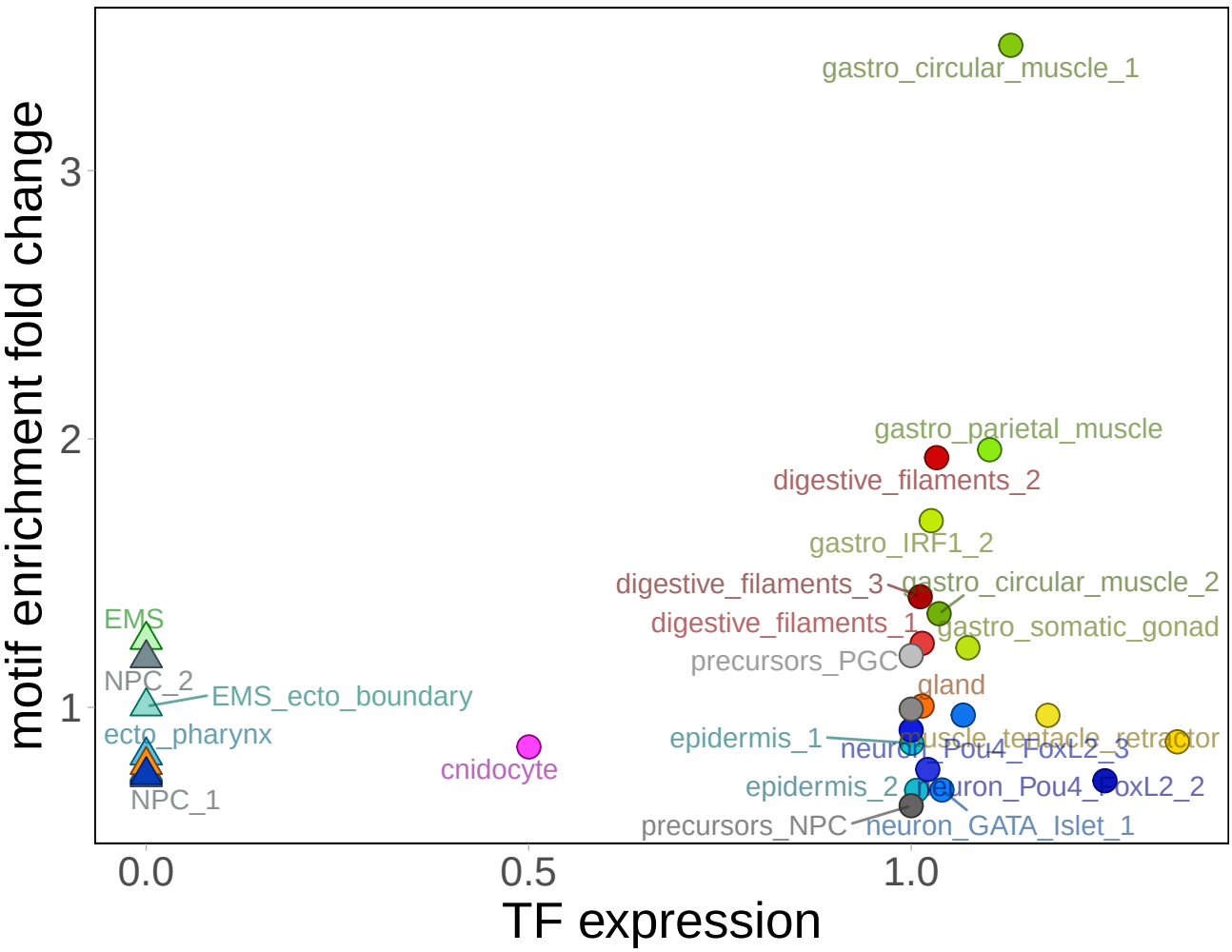
Nvec_vc1.1_XM_001627136.3 (Tbx1/10−2)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5505
gene score correlation: 0.7445



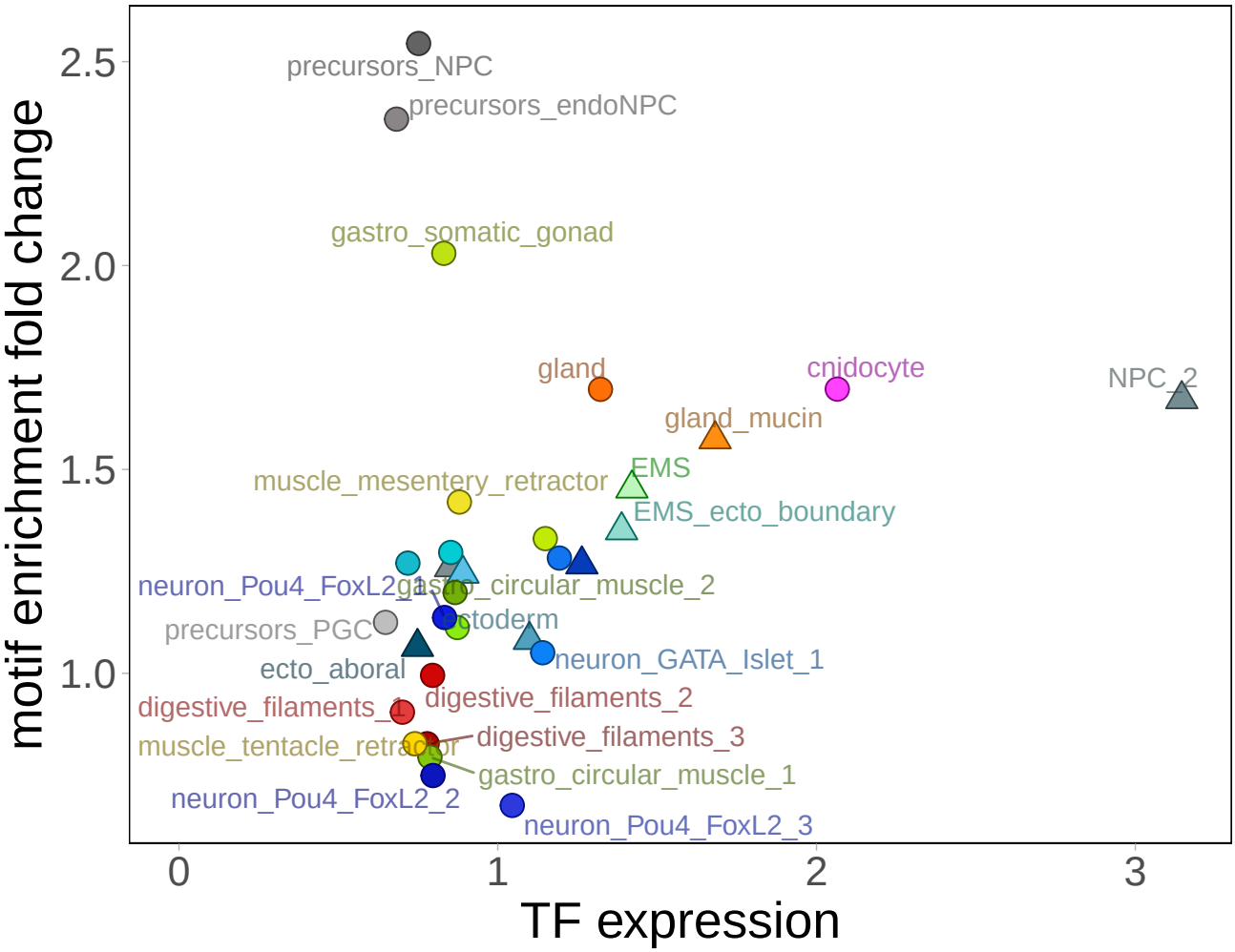
Nvec_vc1.1_XM_001628635.3 (PAX3/7)
OG: Homeodomains.HG2.28:PAX3/PAX7
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1929
gene score correlation: 0.7918



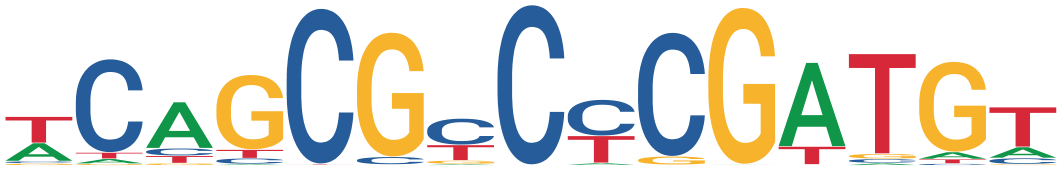
Nvec_vc1.1_XM_001629218.3 (TBX20)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 4
gene expression correlation: 0.2774
gene score correlation: 0.7362

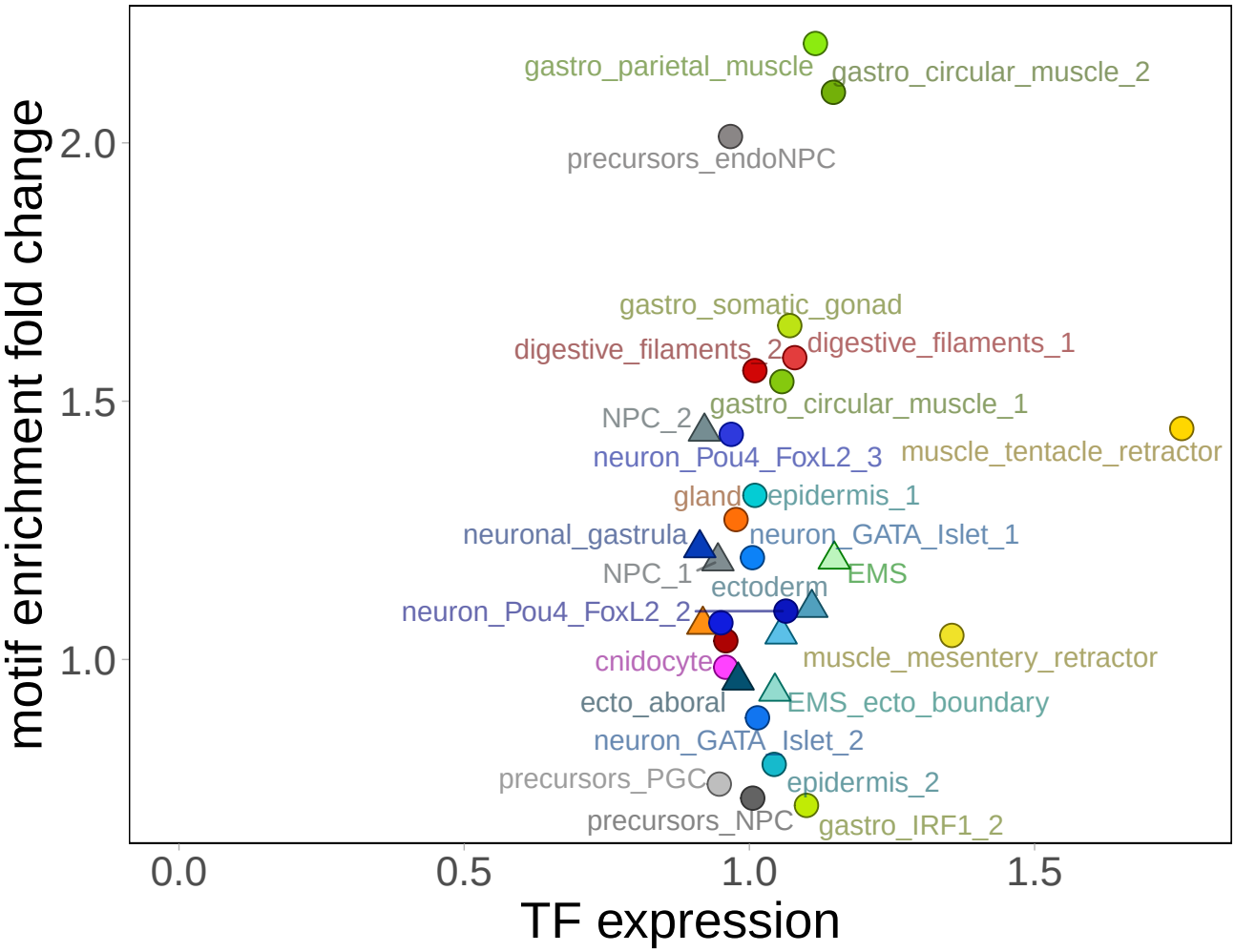


Nvec_vc1.1_XM_001629694.3 (XBP1)
OG: bZIP.HG1.16:XBP1
PFAM: bZIP_1
motif: ARCH949_bZIP48
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 19
gene expression correlation: 0.2401
gene score correlation: 0.2296

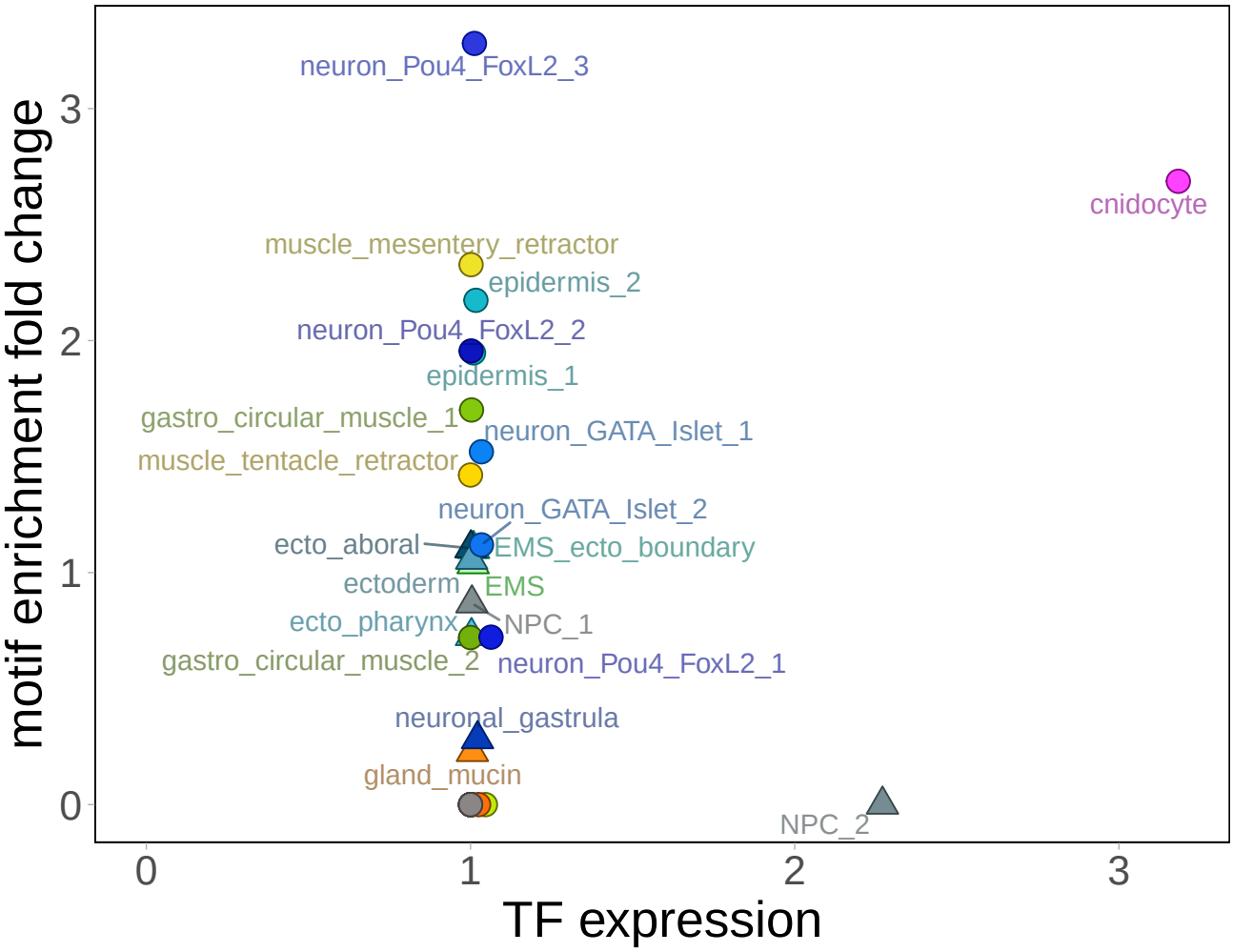


Nvec_vc1.1_XM_001629987.3 (NvSoxE1)
OG: HMGbox_Sox.HG1.42:SOX8/SOX9/SOX1
PFAM: Sox_N/HMG_box
motif: ARCH924_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 200
gene expression correlation: 0.1581
gene score correlation: 0.3485

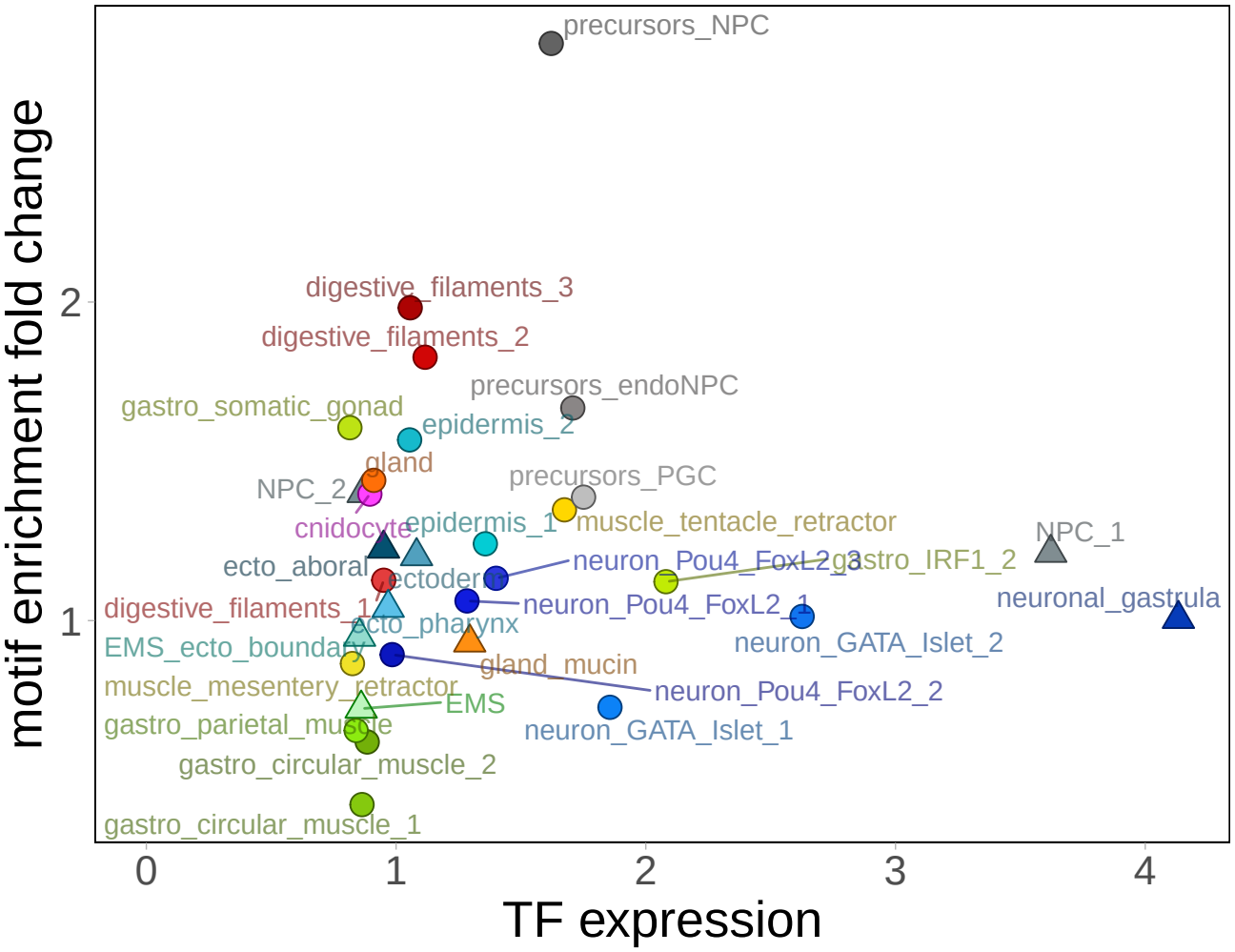




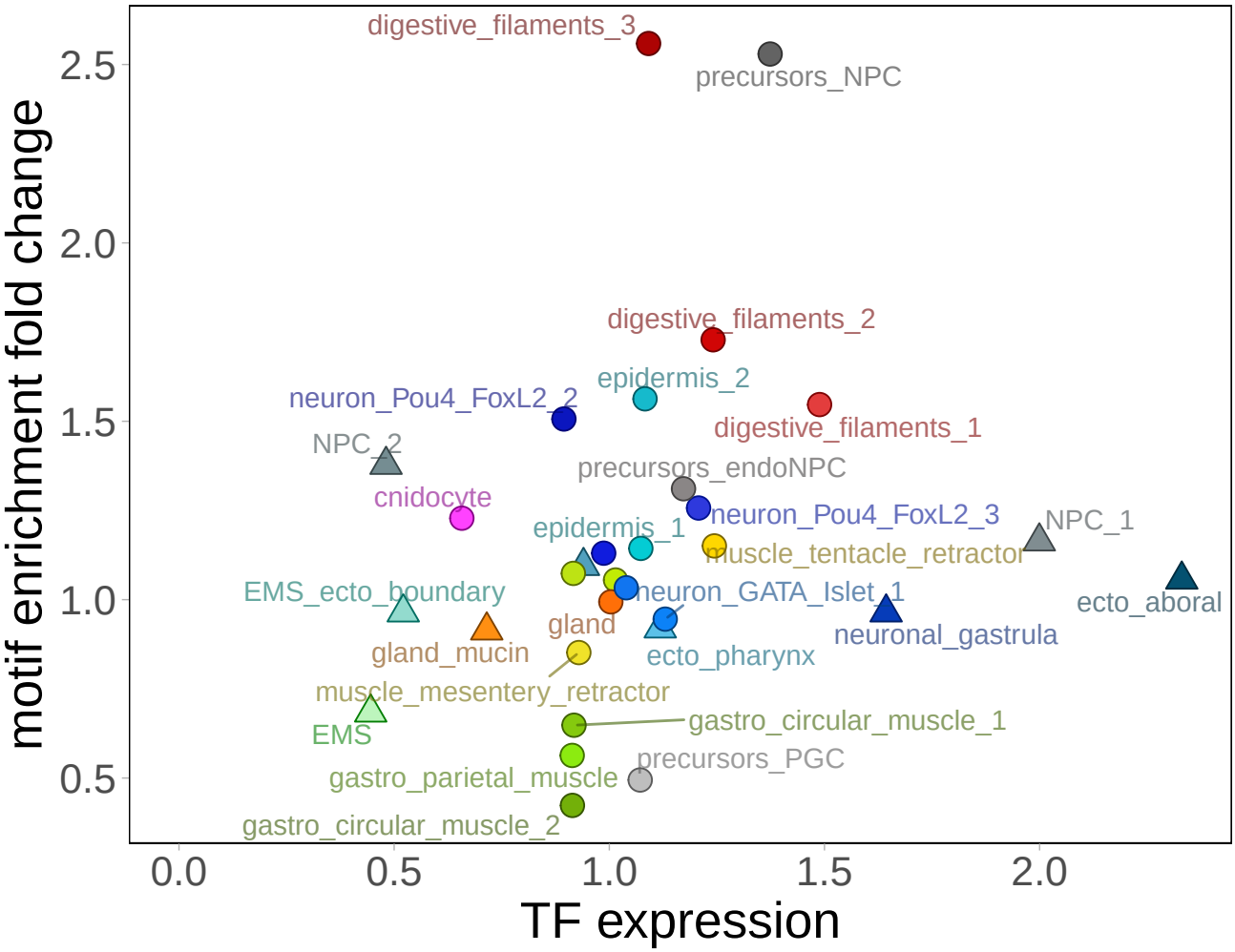
Nvec_vc1.1_XM_001631763.3 (PaxA)
OG: Homeodomains.HG2.49:like:PAX1/PAX9
PFAM: PAX
motif: ARCH1423_M11209_2.00
TF family: Pax
archetype family: Pax
CisBP assigned: TRUE
rank: 252
gene expression correlation: 0.2212
gene score correlation: 0.1905



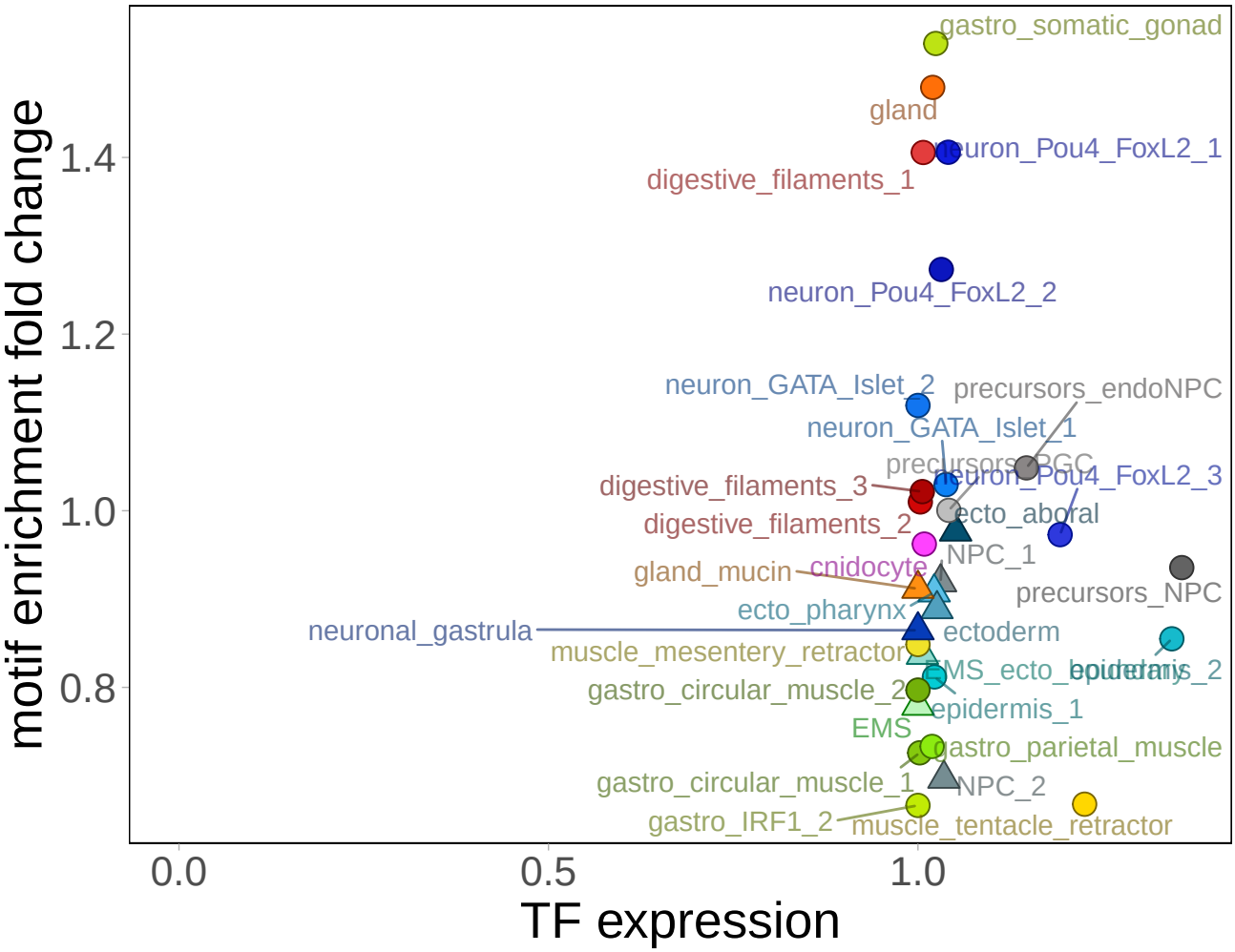
Nvec_vc1.1_XM_001632568.3 (NvSoxB2a)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
motif: ARCH1174_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 2
gene expression correlation: 0.0308
gene score correlation: 0.7256



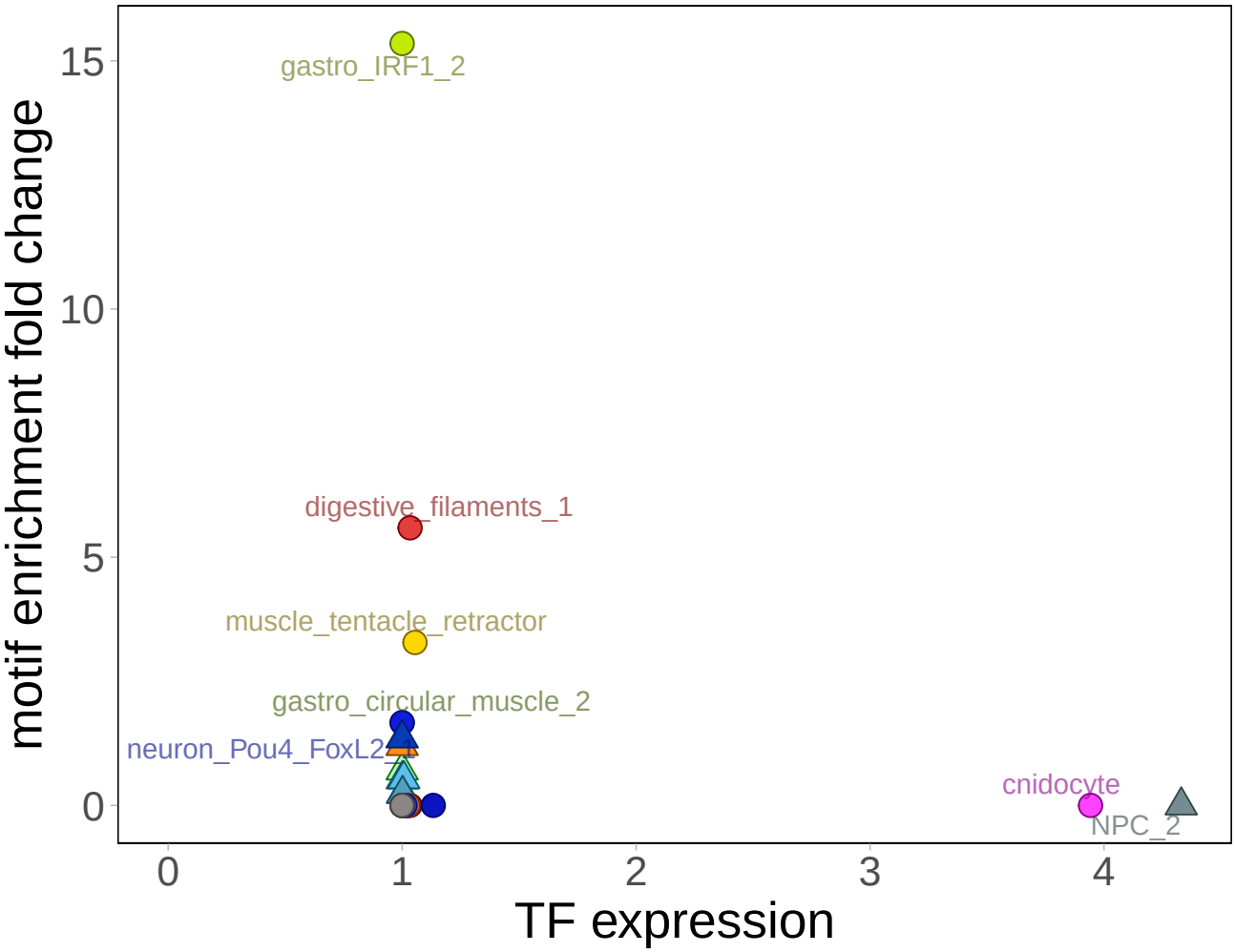
Nvec_vc1.1_XM_001632947.3 (NvSoxB1)
OG: HMGbox_Sox.HG1.35:SOX1/SOX2/SOX3
PFAM: HMG_box/SOXp
motif: ARCH67_Oct4:Sox17
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.1978
gene score correlation: 0.7447



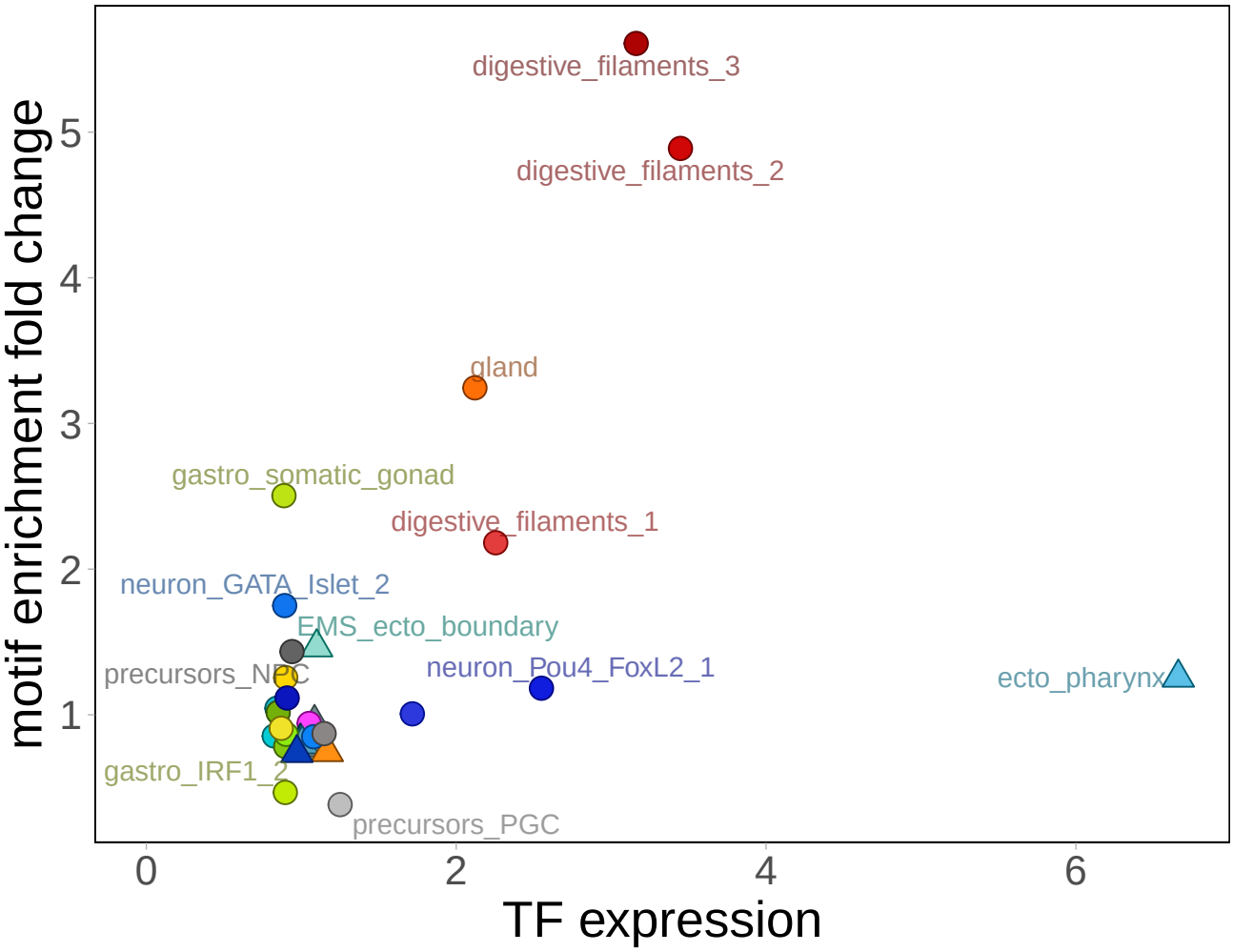
Nvec_vc1.1_XM_001634202.3 (Anthox6/Ax6)
OG: Homeodomains.HG1.58:HOXA1/HOXB1/H
PFAM: Homeodomain
motif: ARCH33_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 136
gene expression correlation: −0.1107
gene score correlation: −0.0594



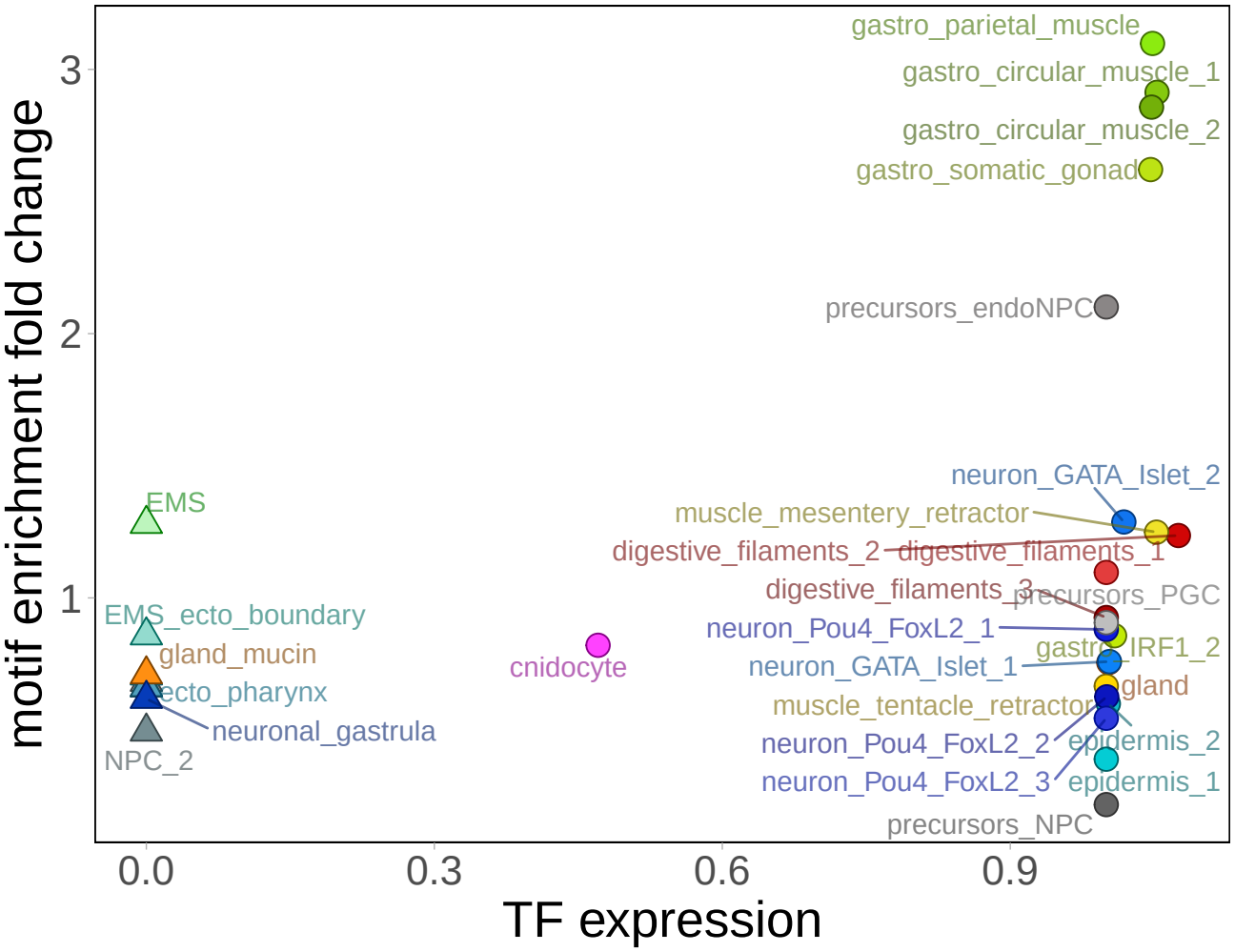
Nvec_vc1.1_XM_001634328.3 (NR12)
OG: zf−C4_Nuclear_receptors.HG1.24:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH1603_Nr2f1/Nr2f2/Nr2f6
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 488
gene expression correlation: −0.0977
gene score correlation: −0.1420



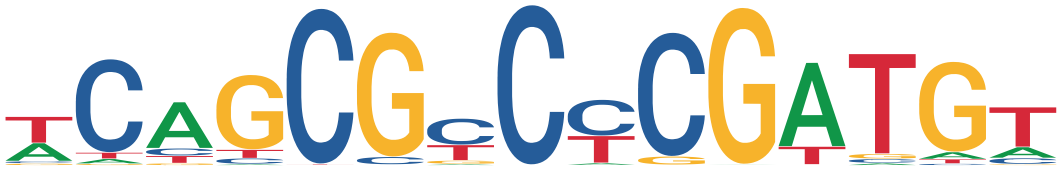
Nvec_vc1.1_XM_001634505.3 (FoxA)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead_N/Forkhead/HNF_C
motif: ARCH1291_Fox:Ebox
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4514
gene score correlation: 0.9218

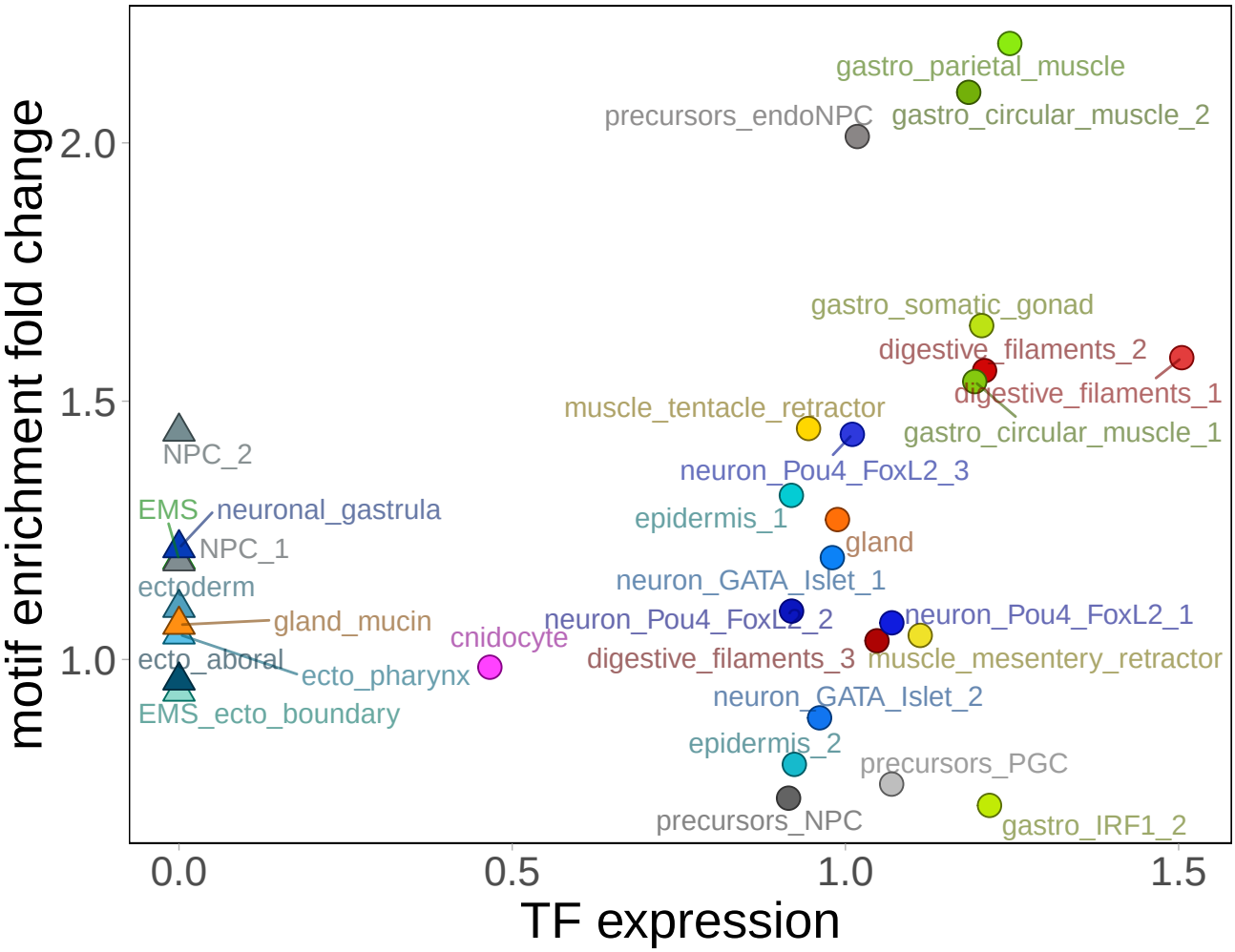


Nvec_vc1.1_XM_001634715.3 (Lbx)
OG: Homeodomains.HG1.29:LBX1/LBX2
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3420
gene score correlation: 0.5713

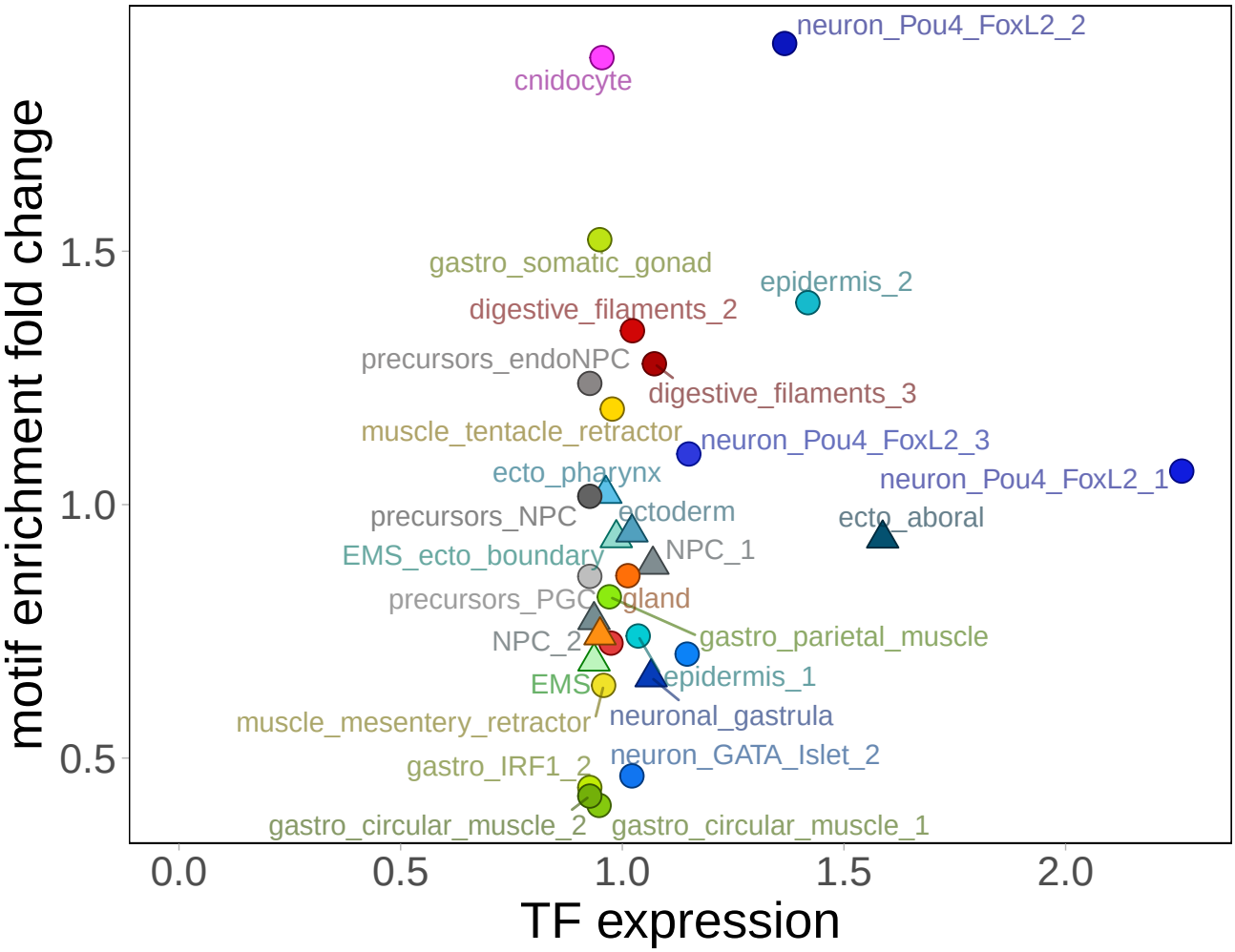


Nvec_vc1.1_XM_001636155.3 (NvSoxF1)
OG: HMGbox_Sox.HG1.16:like:PINX1/SOX7/S
PFAM: HMG_box
motif: ARCH924_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 377
gene expression correlation: 0.3179
gene score correlation: 0.4627

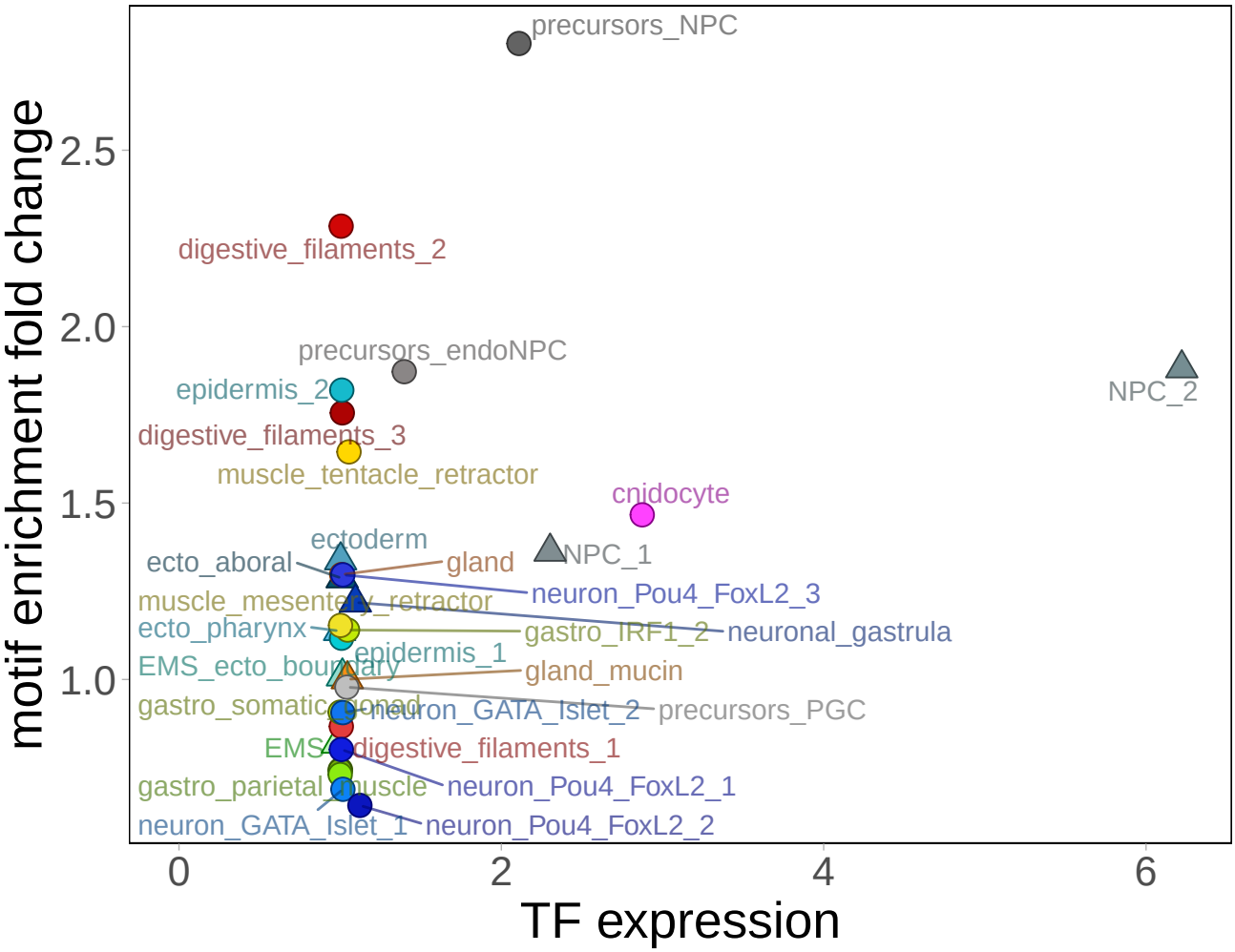




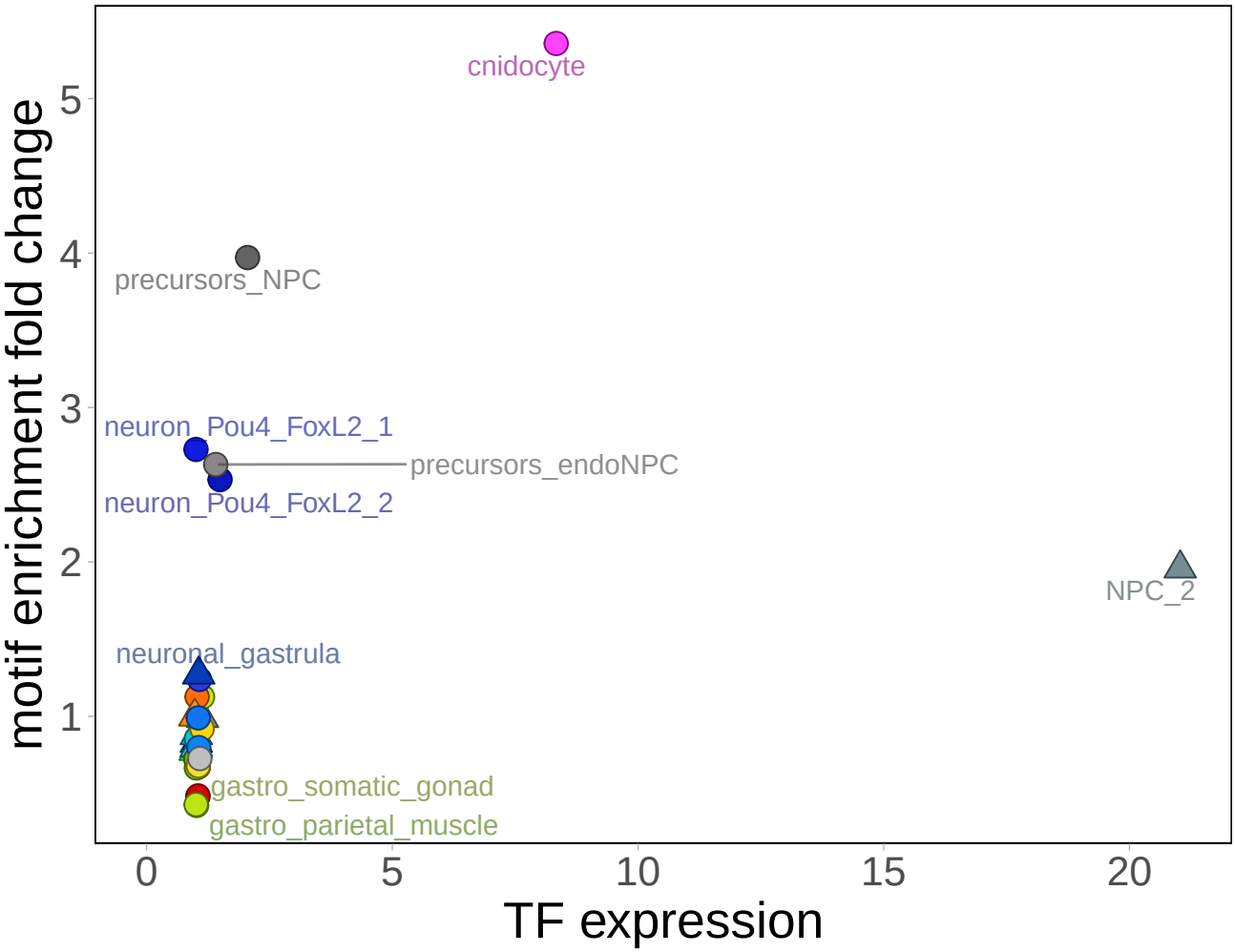
Nvec_vc1.1_XM_001636889.3 (FoxJ1)
OG: Forkhead.HG1.24:FOXJ1
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2297
gene score correlation: 0.4442



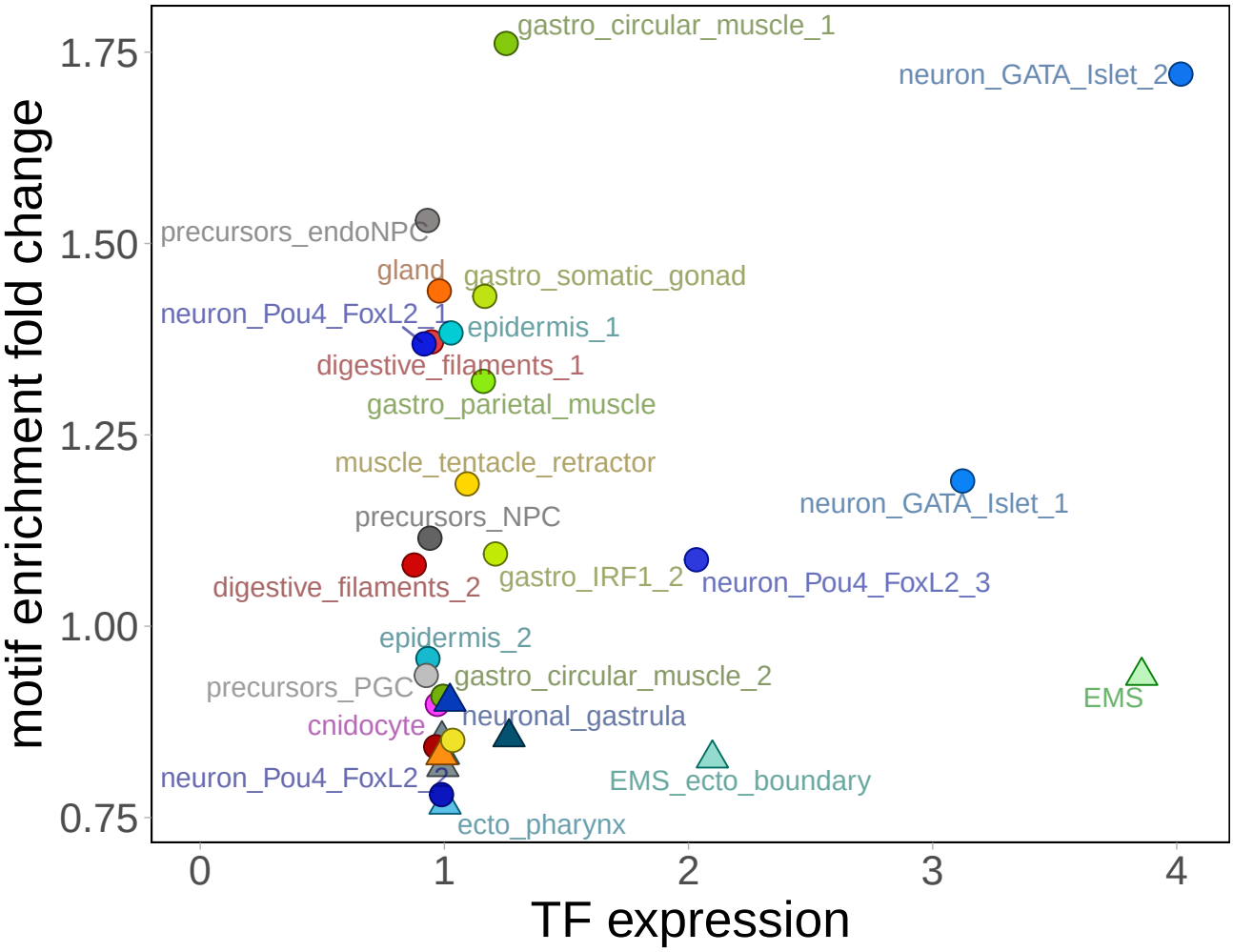
Nvec_vc1.1_XM_001639701.3 (NvSox2)
OG: HMGbox_Sox.HG1.14:like:SOX1/SOX2/S
PFAM: HMG_box
motif: ARCH1170_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 69
gene expression correlation: 0.3795
gene score correlation: 0.5821



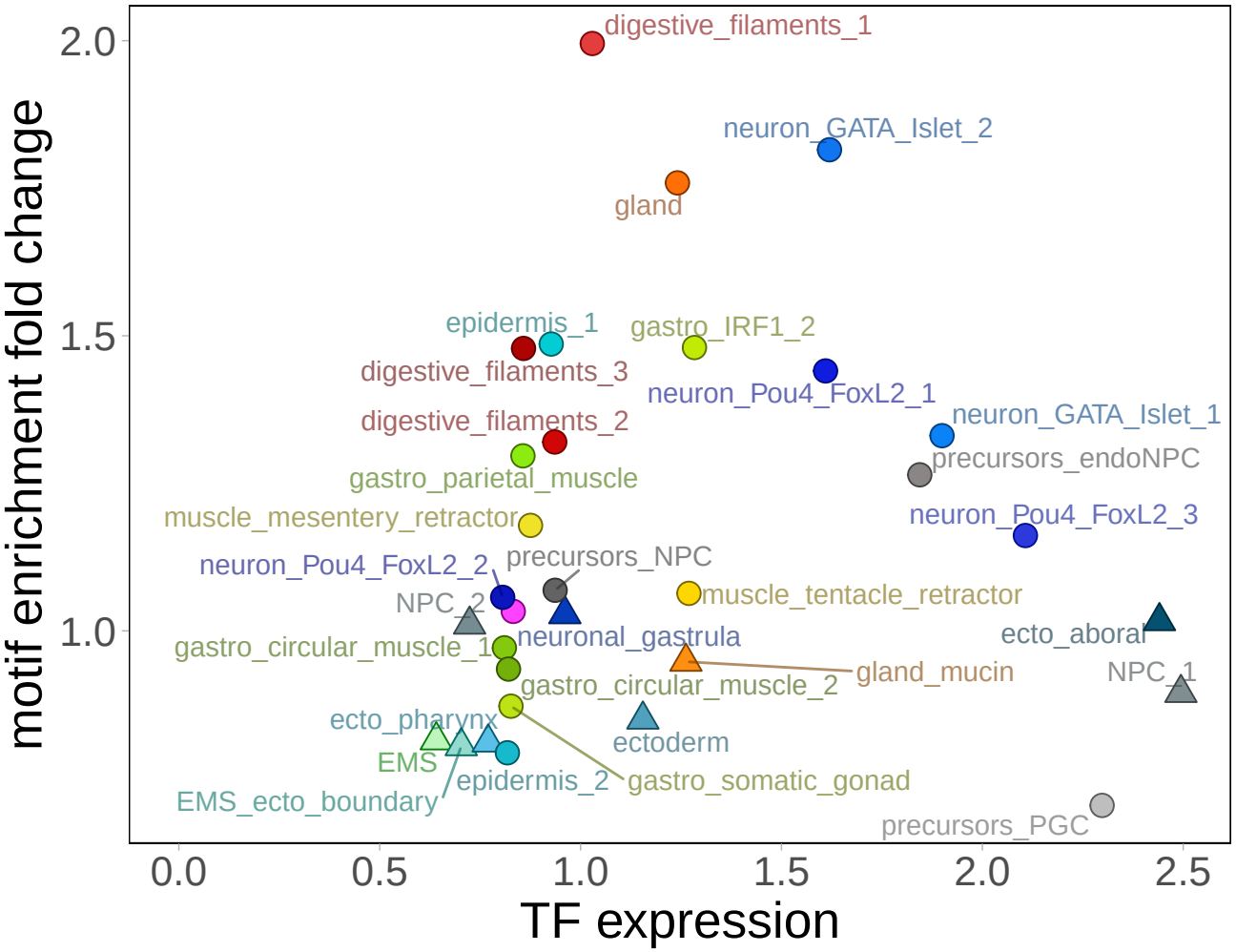
Nvec_vc1.1_XM_001641129.3 (ZNF845)
OG: zf−C2H2.HG3.8:like:ZNF770
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−H2C2_2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3772
gene score correlation: 0.9109



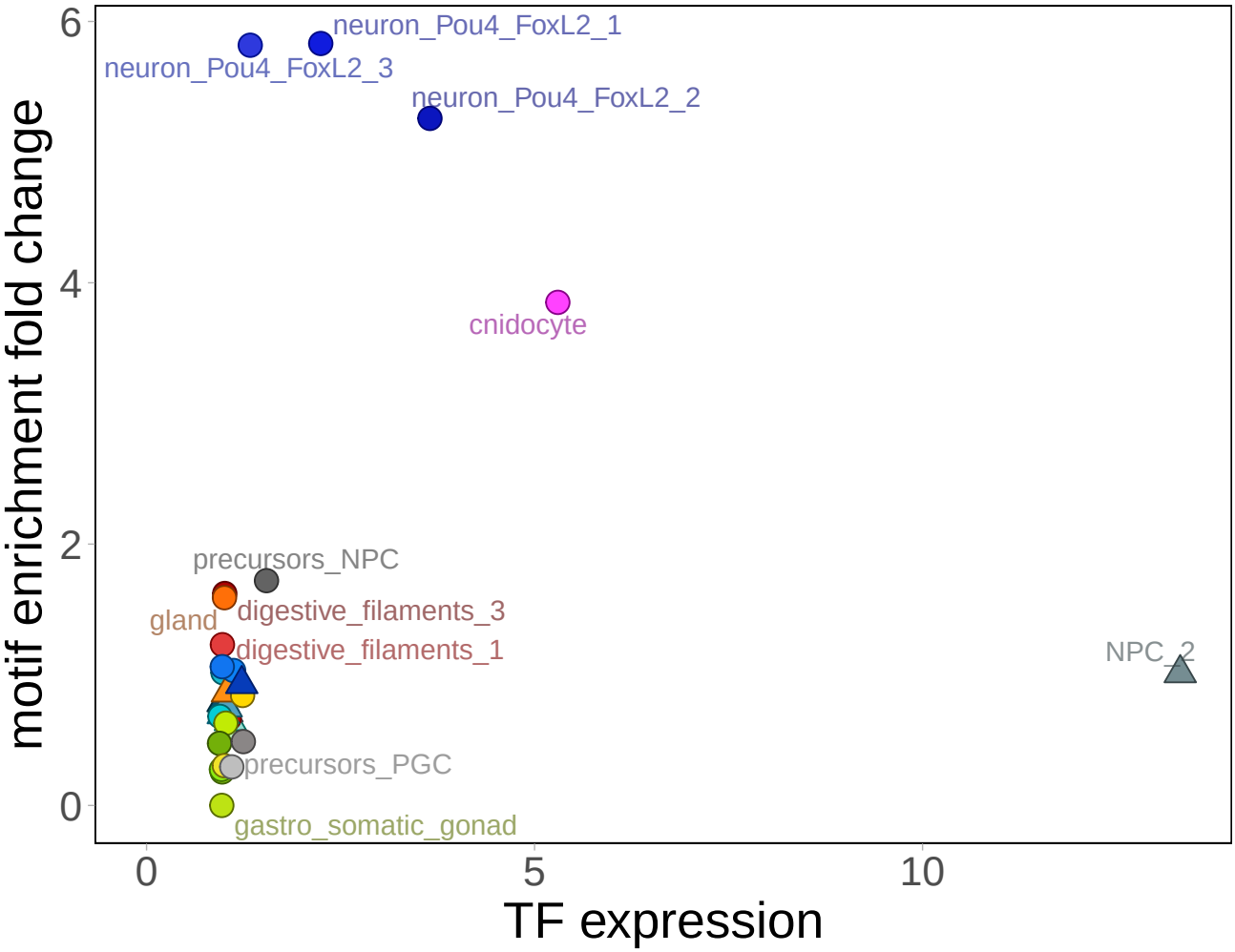
Nvec_vc1.1_XM_001647471.3 (OtxC)
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain
motif: ARCH1539_Nkx2−2/Nkx2−9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2144
gene score correlation: 0.0481



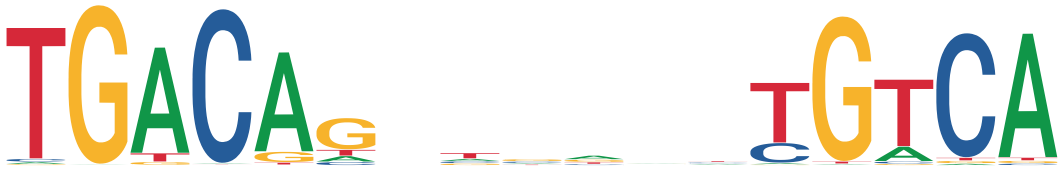
Nvec_vc1.1_XM_032362713.2 (Islet)
OG: Homeodomains.HG2.19:ISL1/ISL2
PFAM: LIM/LIM/Homeodomain
motif: ARCH335_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.0582
gene score correlation: 0.3193

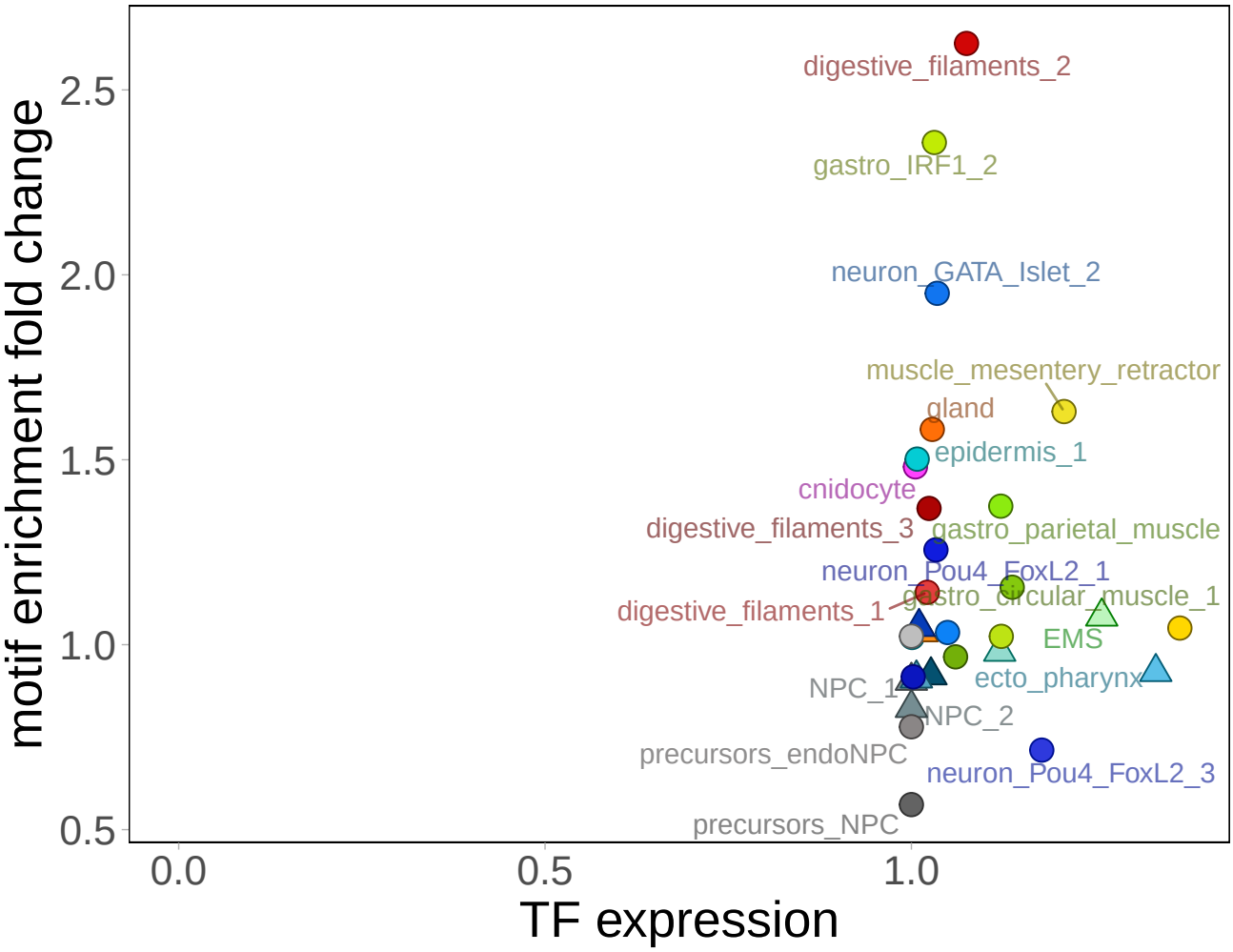


Nvec_vc1.1_XM_032363992.2 (Pou4)
OG: Homeodomains.HG4.6:POU4F1/POU4F2
PFAM: Pou/Homeodomain
motif: ARCH56_POU4F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2138
gene score correlation: 0.8465

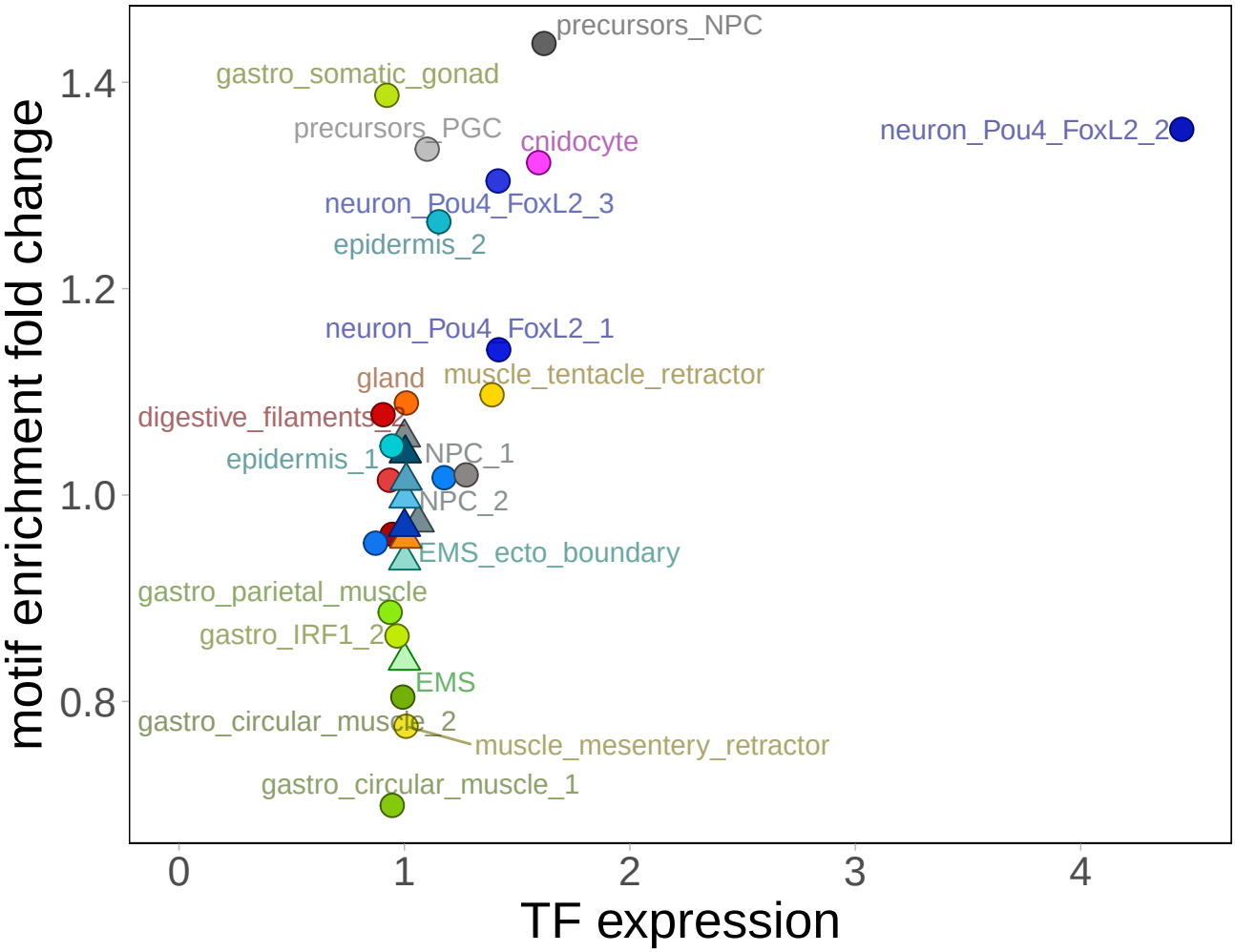


Nvec_vc1.1_XM_032364784.2 (Hhex)
OG: Homeodomains.HG1.28:HHEX
PFAM: Homeodomain
motif: ARCH768_Meis3/Meis2/Meis1_P...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 24
gene expression correlation: −0.0383
gene score correlation: 0.2002

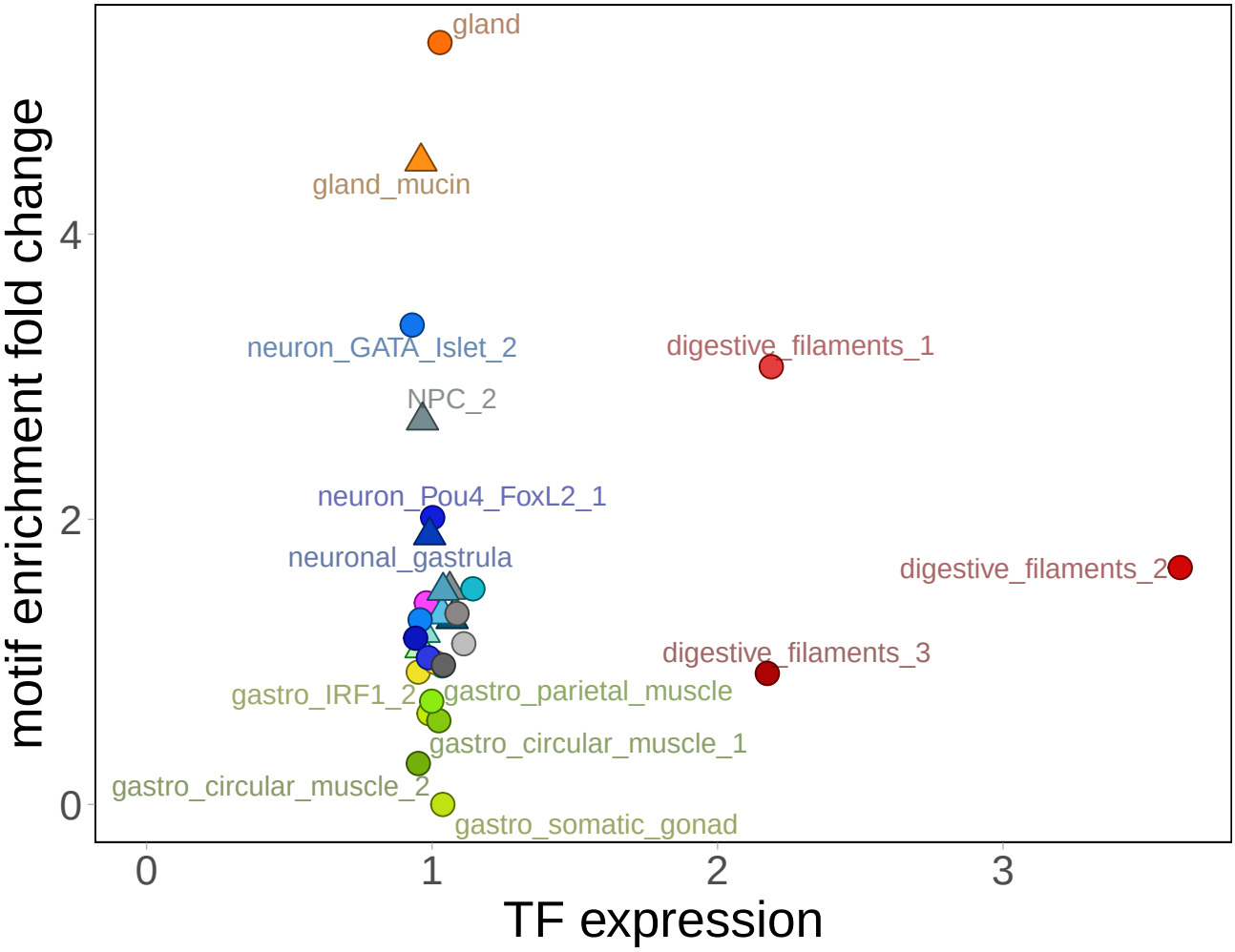




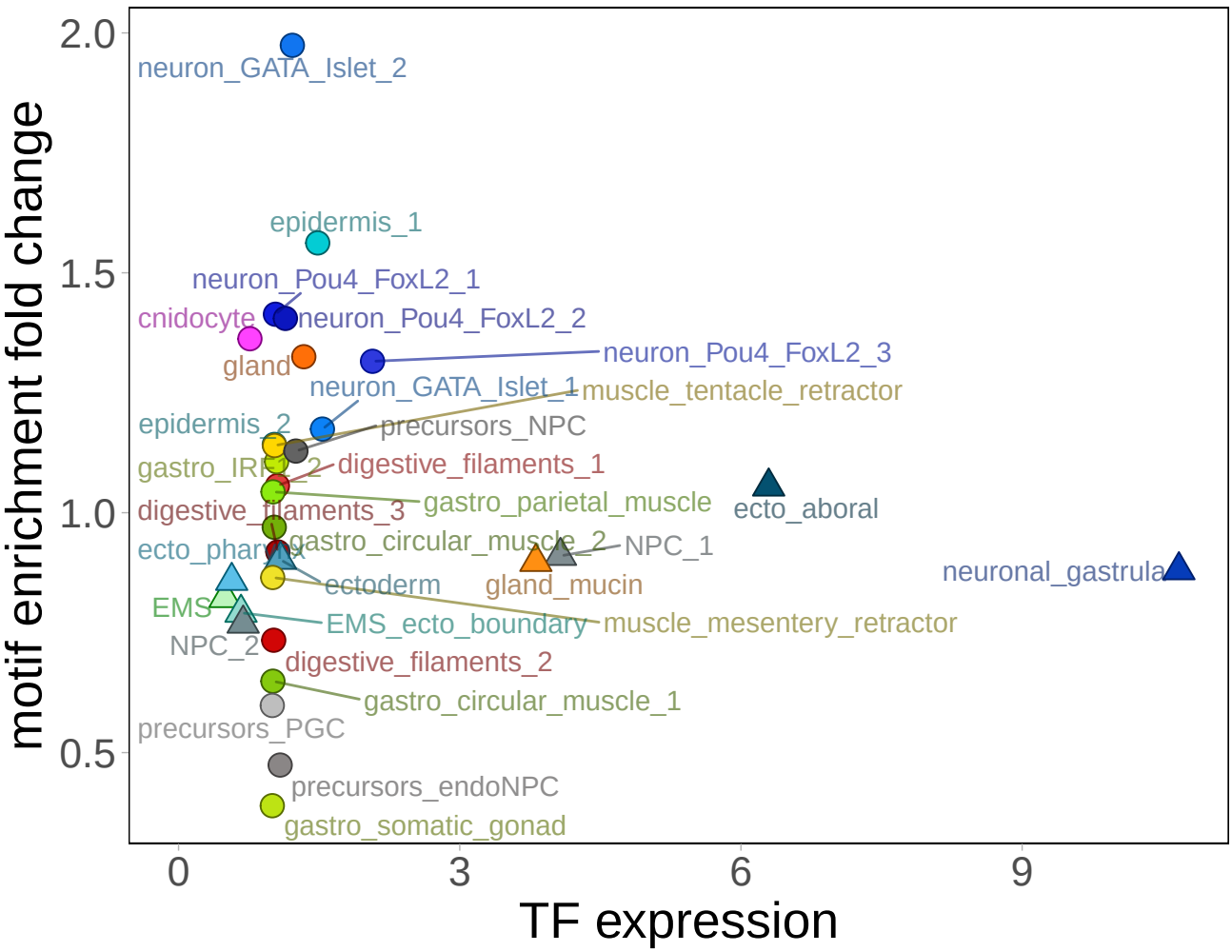
Nvec_vc1.1_XM_032364887.2 (FoxL2)
OG: Forkhead.HG1.20:FOXL2
PFAM: Forkhead
motif: ARCH1102_Foxa3/Foxa1/Foxa2_...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 9
gene expression correlation: 0.4645
gene score correlation: 0.5978



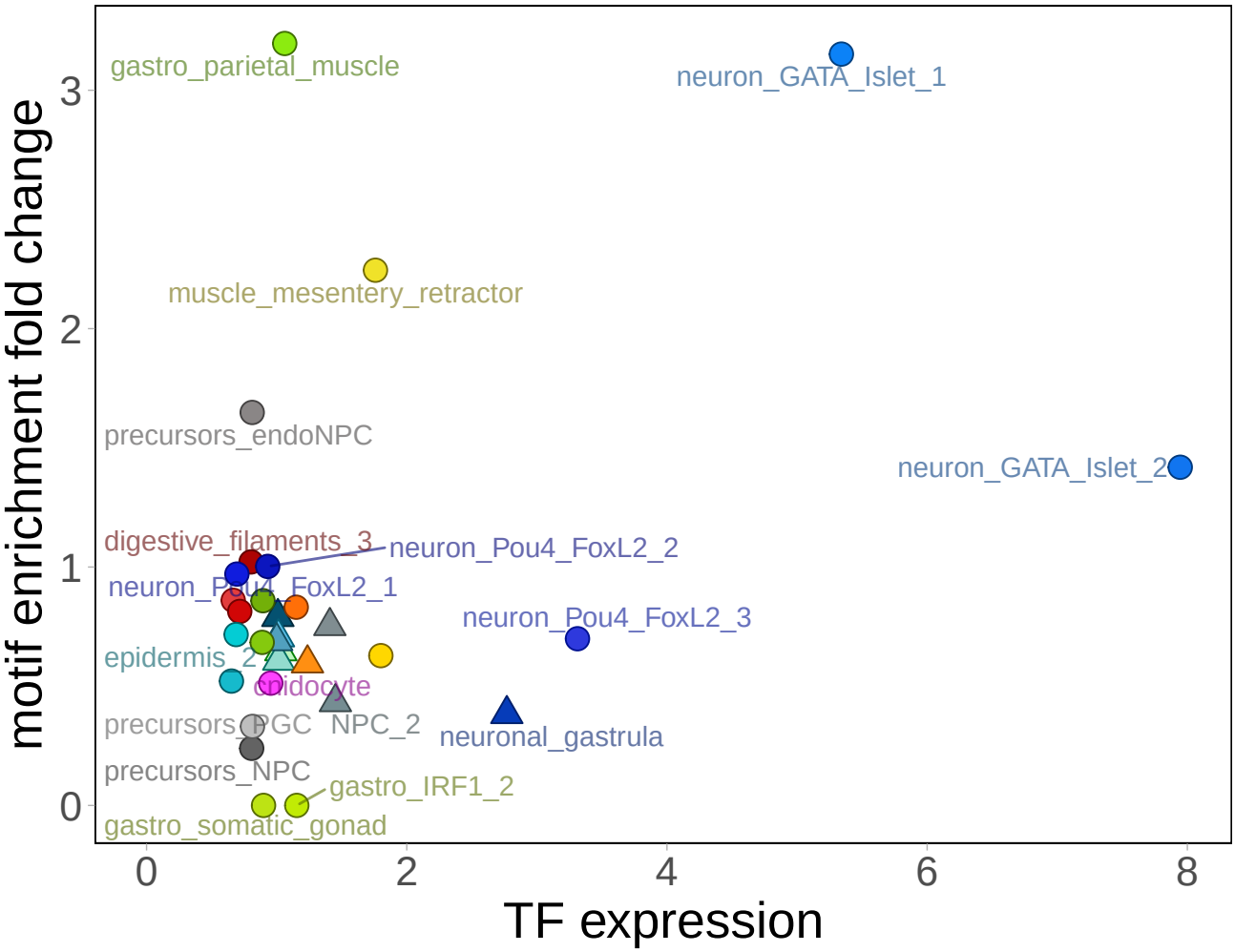
Nvec_vc1.1_XM_032365096.2 (Rfx4/6/8)
OG: RFX.HG1.7:RFX6
PFAM: RFX_DNA_binding
motif: ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 122
gene expression correlation: 0.0568
gene score correlation: −0.0320



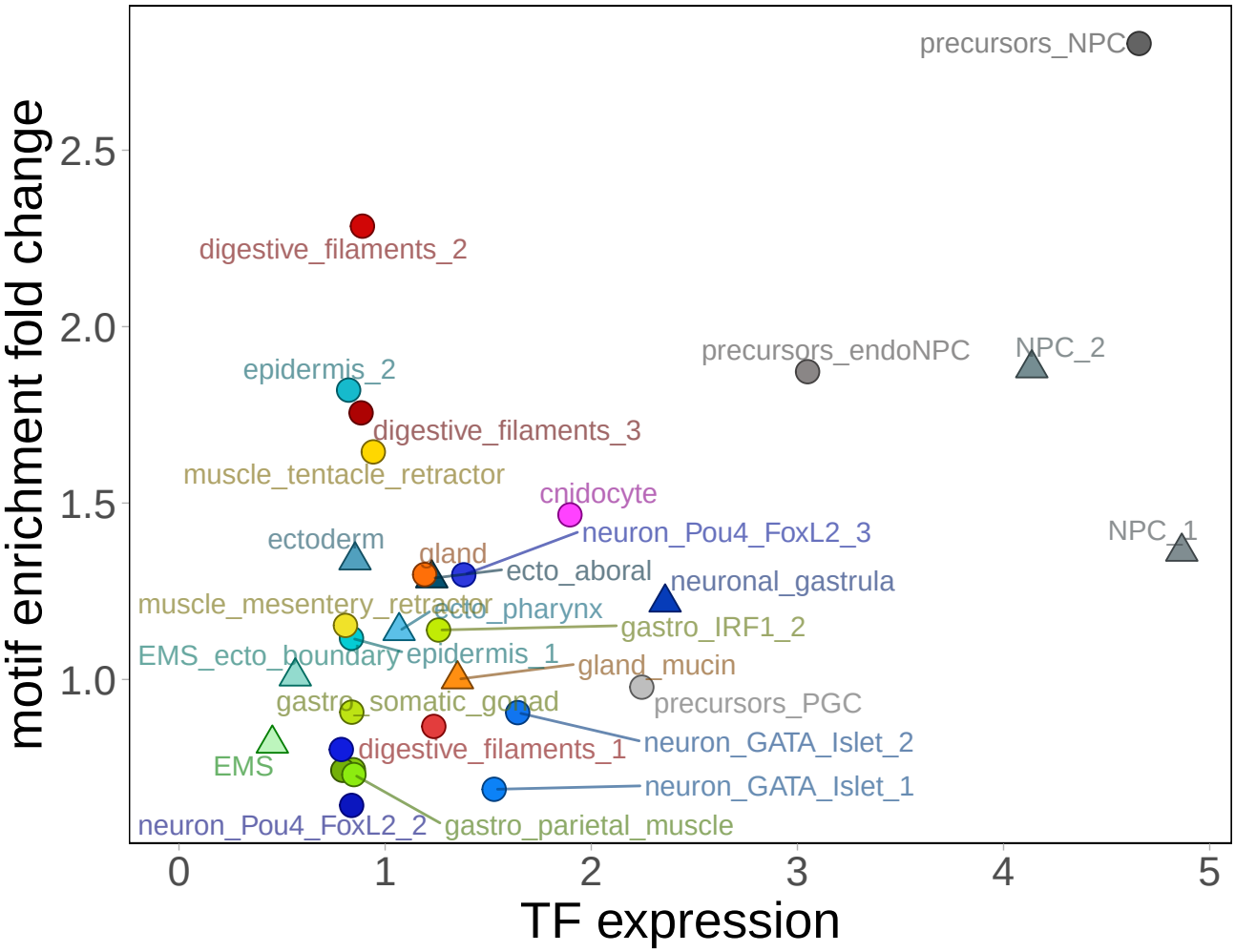
Nvec_vc1.1_XM_032366733.2 (Anthox1/Ax1)
OG: Homeodomains.HG1.68:AC004080.3/AC0
PFAM: Homeodomain
motif: ARCH1028_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: −0.0305
gene score correlation: 0.5539



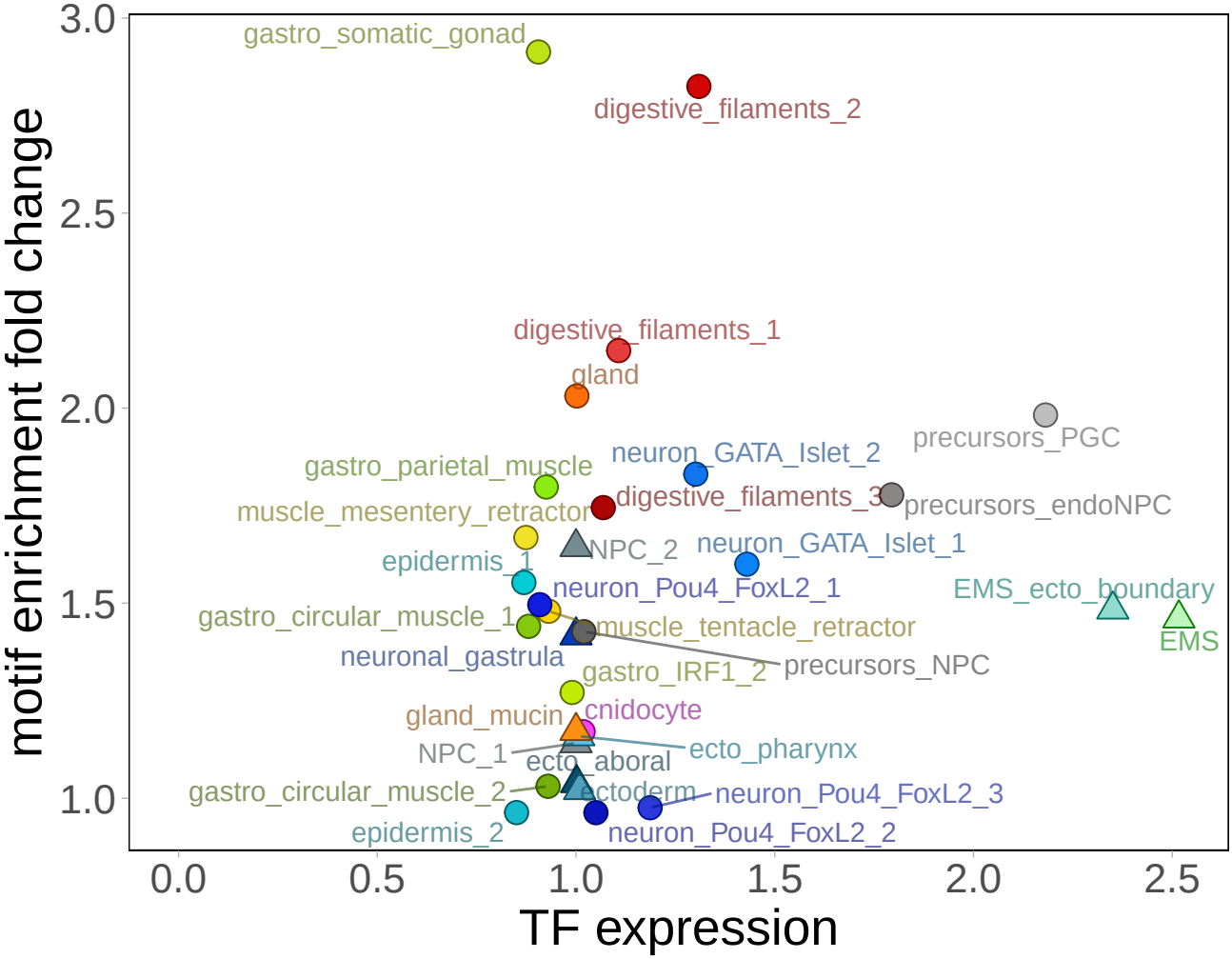
Nvec_vc1.1_XM_032367288.2 (GATA)
OG: GATA.HG1.5:GATA1/GATA2/GATA3/GATA-
PFAM: GATA/GATA
motif: ARCH1463_Gata3/Gata1/Gata2
TF family: GATA
archetype family: GATA
CisBP assigned: TRUE
rank: 24
gene expression correlation: 0.3742
gene score correlation: 0.7018



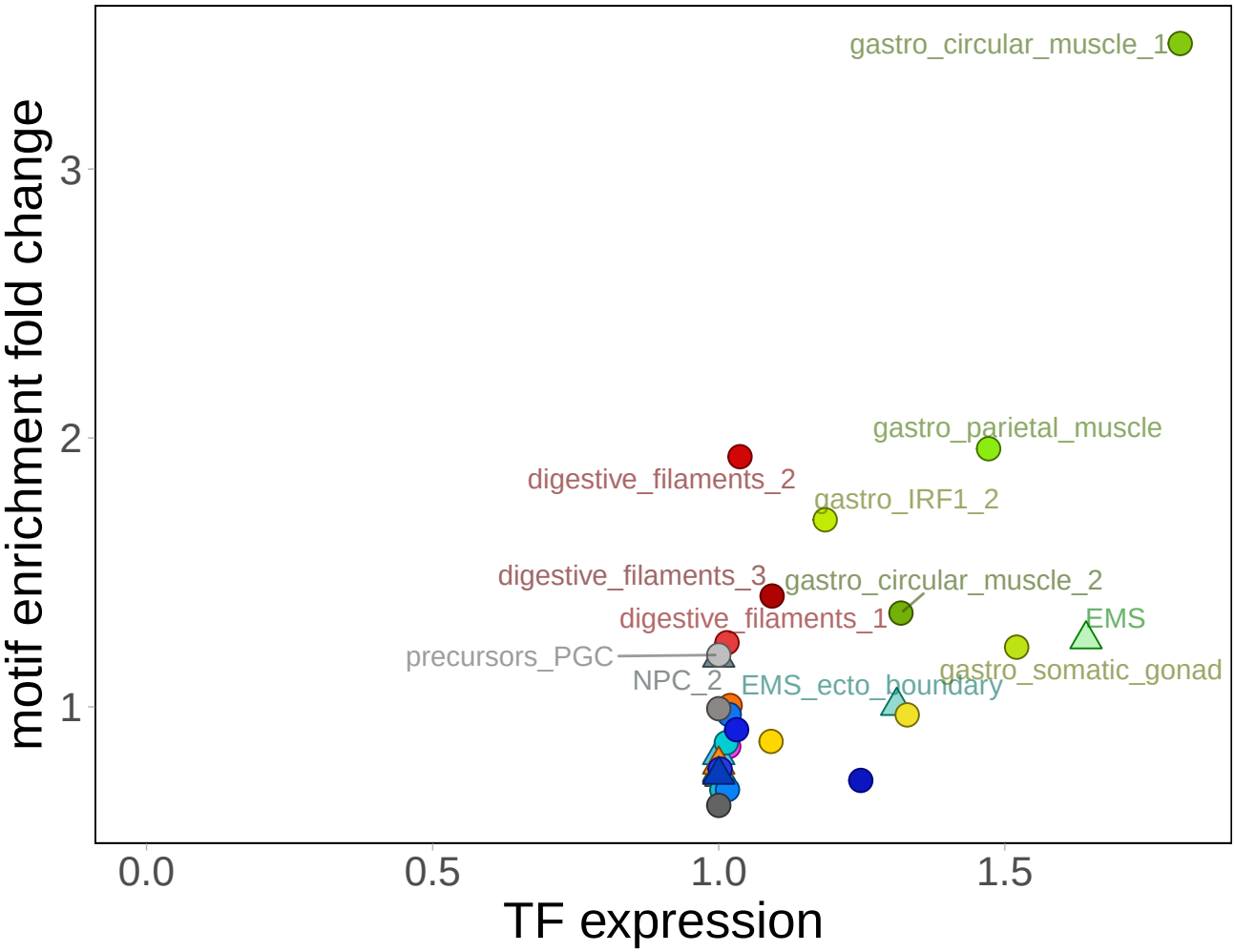
Nvec_vc1.1_XM_032372264.2 (NvSoxC)
OG: HMGbox_Sox.HG1.11:SOX4/SOX11/SOX
PFAM: HMG_box
motif: ARCH1170_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 37
gene expression correlation: 0.5213
gene score correlation: 0.5252



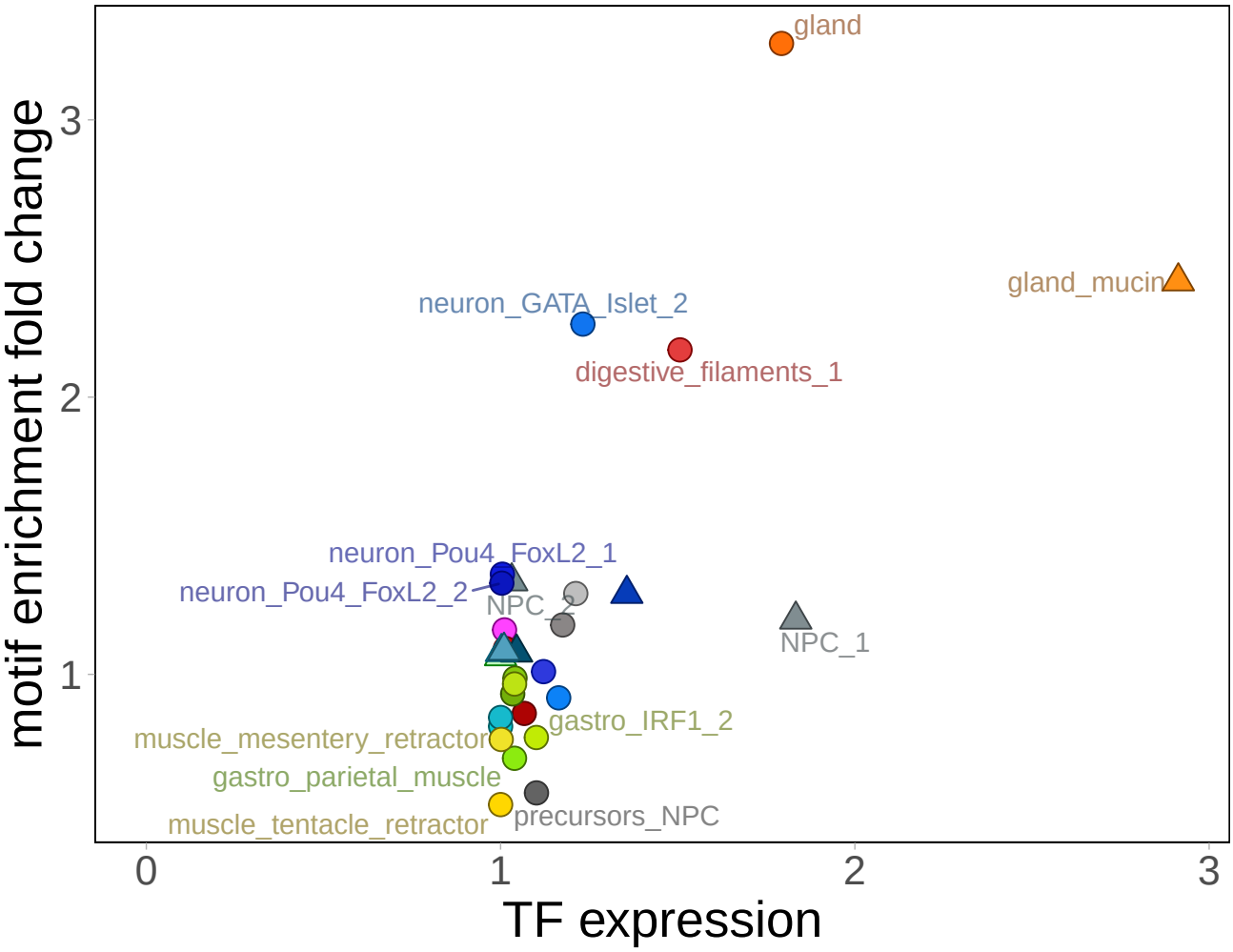
Nvec_vc1.1_XM_032373618.2 (Nkx−2.2a)
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH1502_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.1495
gene score correlation: 0.5105



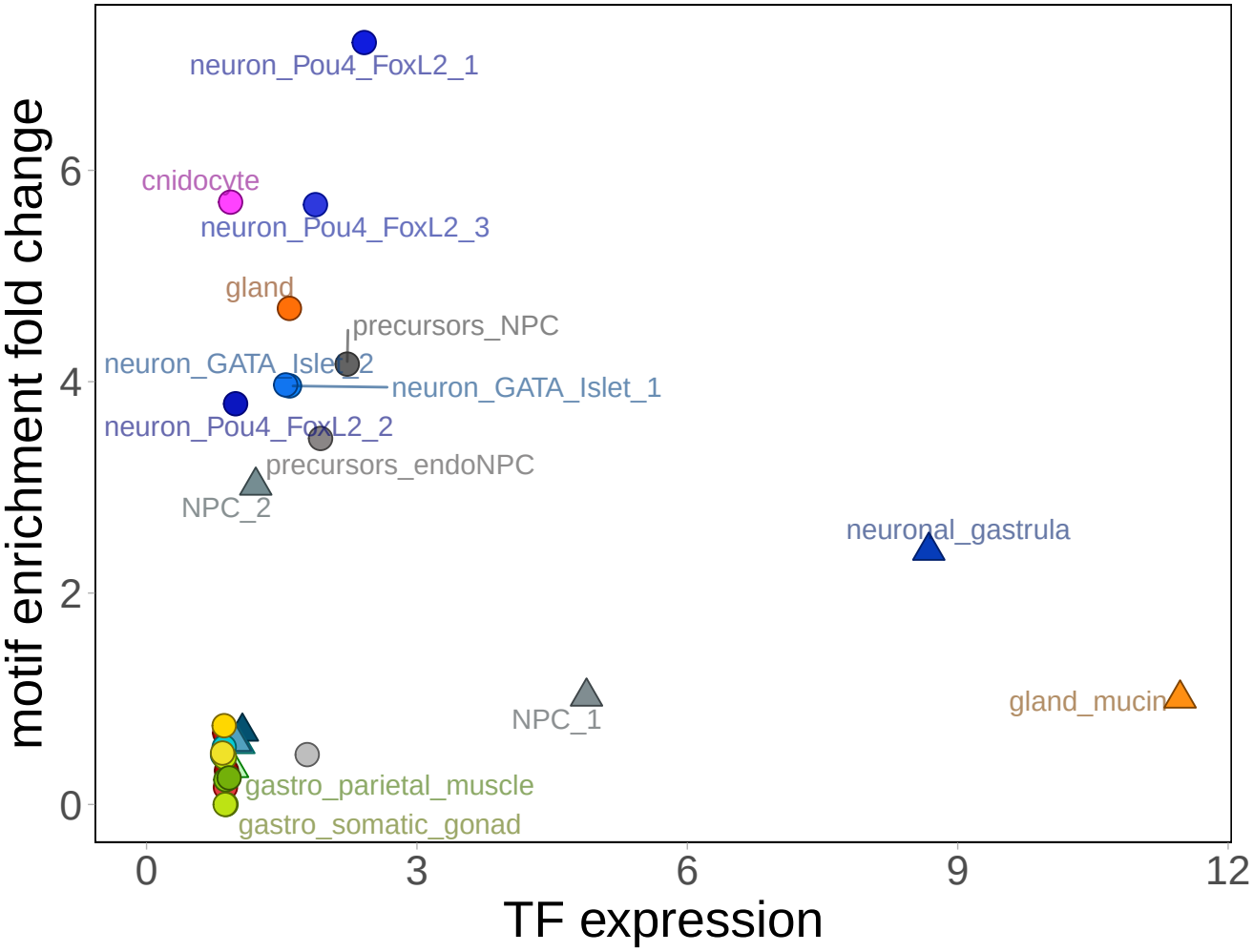
Nvec_vc1.1_XM_032374843.2 (Tbx1/10−1)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.6780
gene score correlation: 0.7448



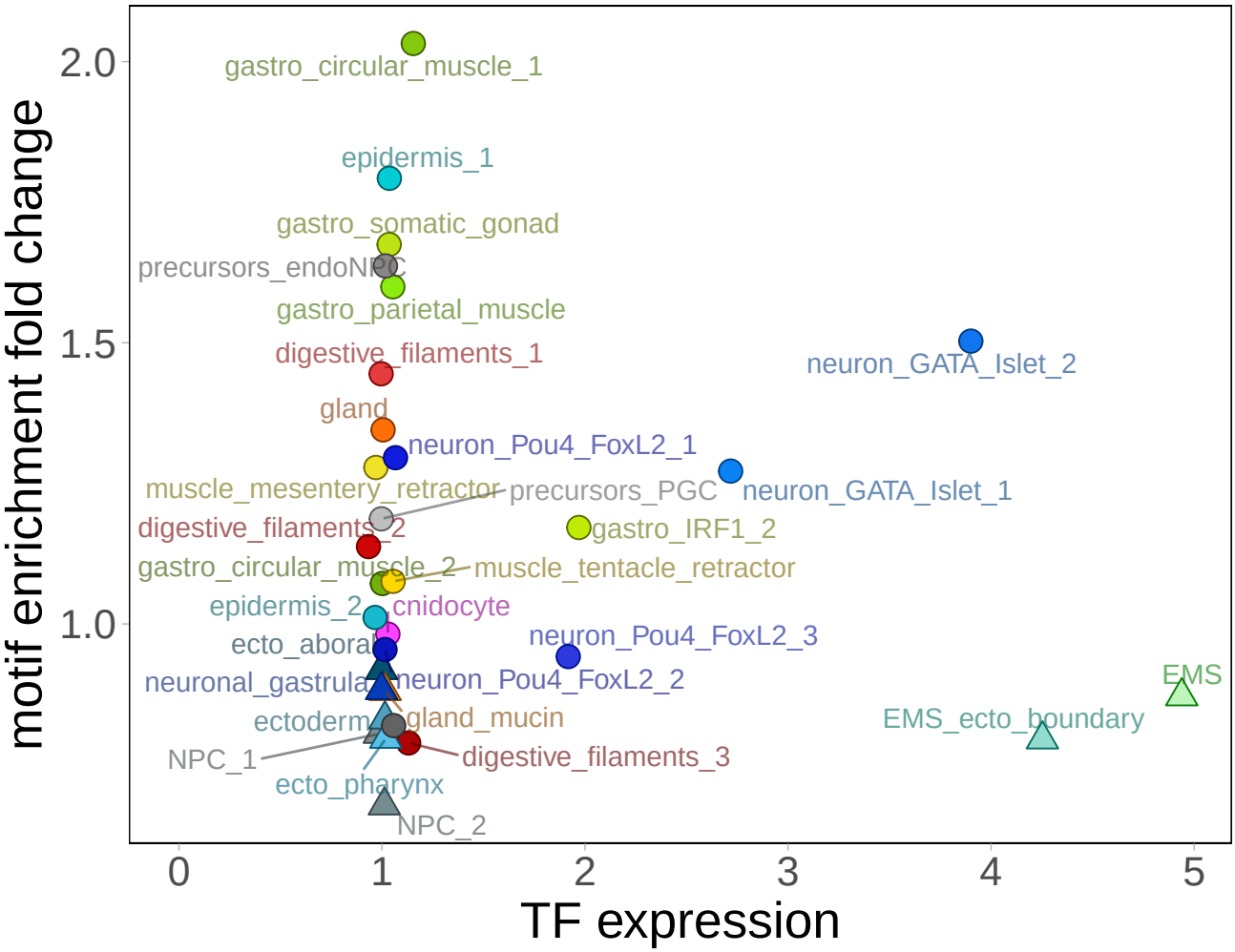
Nvec_vc1.1_XM_032375228.2 (Rfx4)
OG: RFX.HG1.3:like:RFX4/RFX6/RFX8
PFAM: RFX_DNA_binding
motif: ARCH1307_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 2
gene expression correlation: 0.6623
gene score correlation: 0.6740



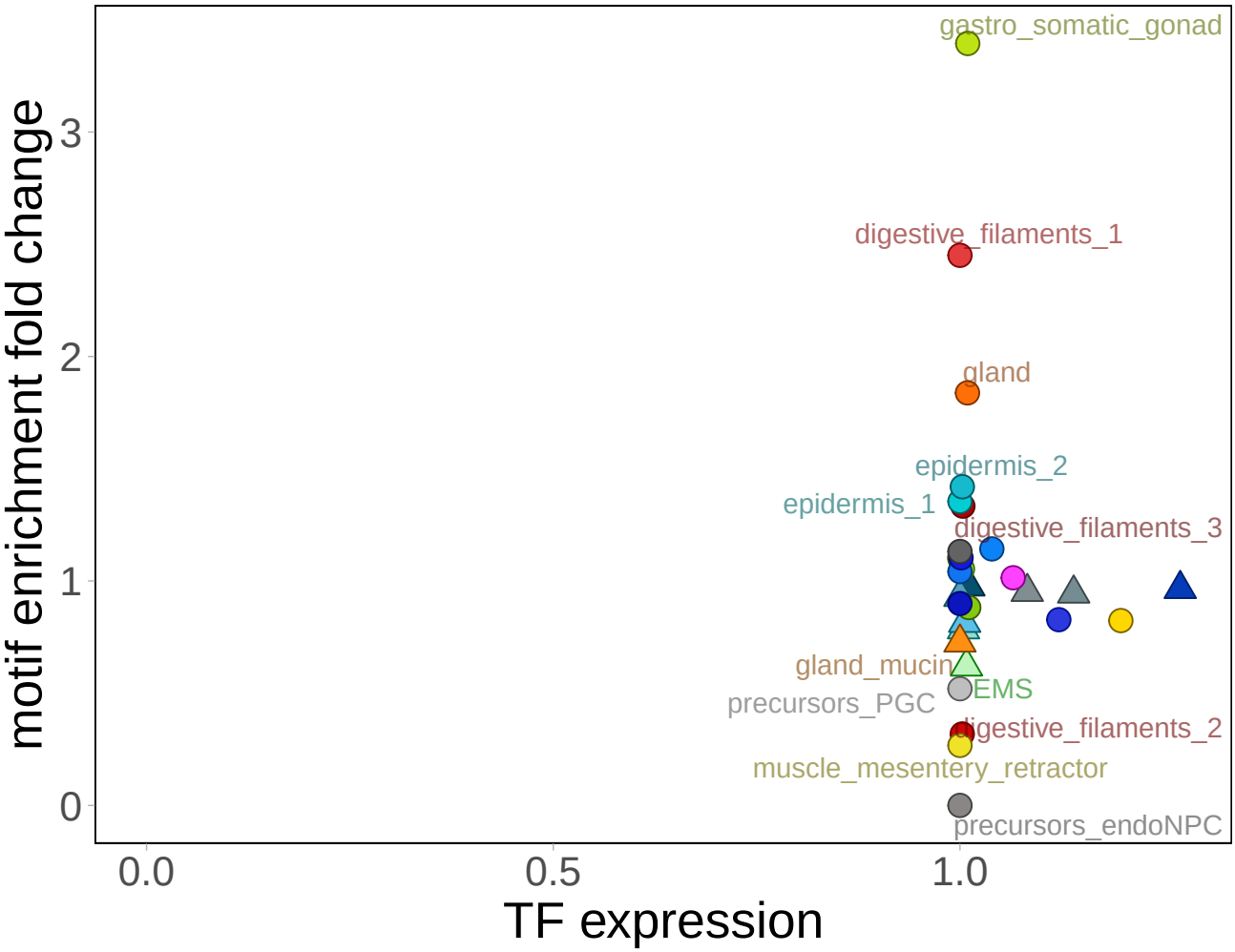
Nvec_vc1.1_XM_032375602.2 (Insm1)
OG: zf−C2H2.HG25.1:INSM1/INSM2
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 11
gene expression correlation: 0.0848
gene score correlation: 0.6076



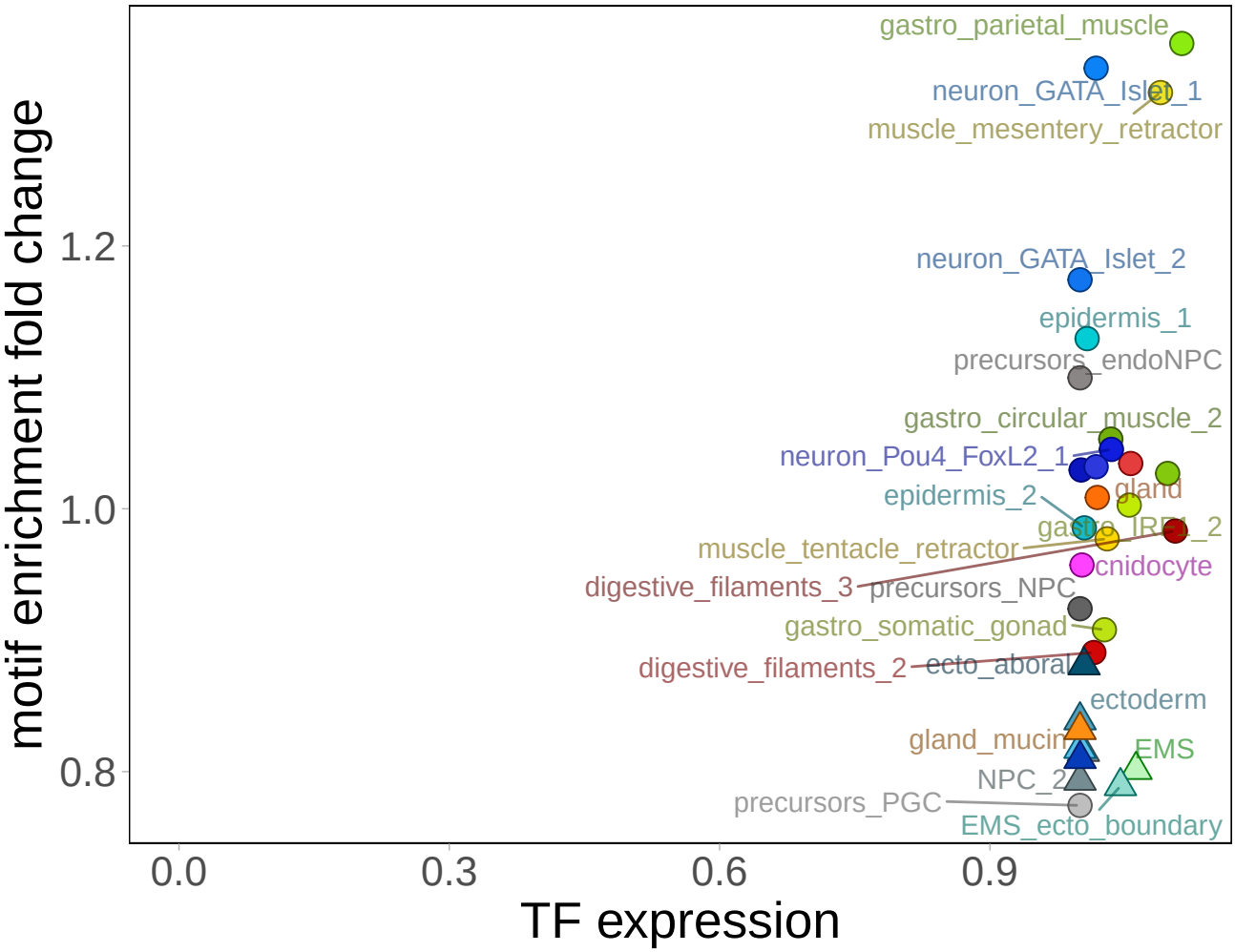
Nvec_vc1.1_XM_032375635.2 (OtxB)
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain
motif: ARCH928_Nkx2.2
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: −0.0908
gene score correlation: 0.0747



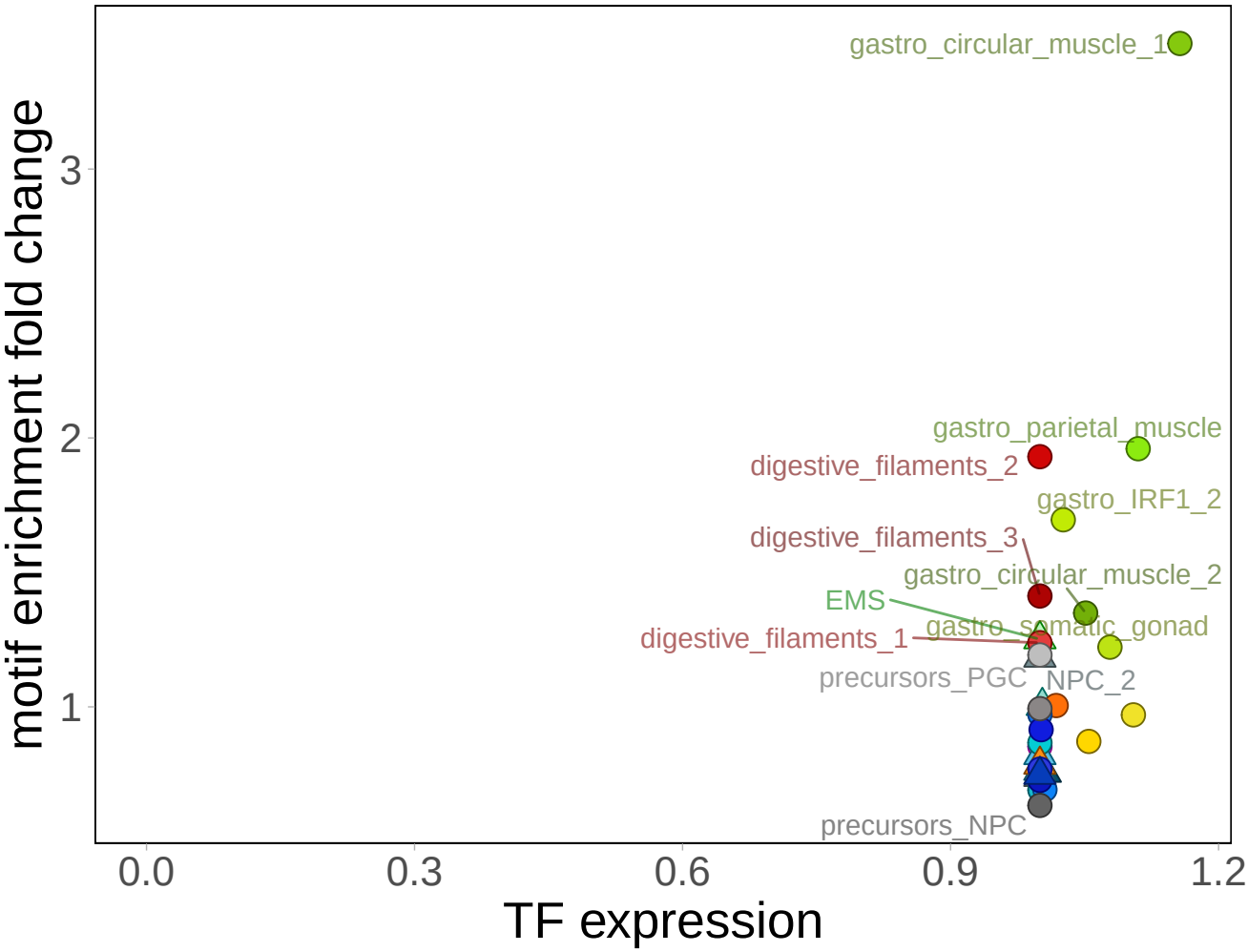
Nvec_vc1.1_XM_032376206.2 (SoxB2)
OG: HMGbox_Sox.HG1.13:like:SOX1/SOX2/S
PFAM: HMG_box
motif: ARCH137_/Sox4/Sox11_Sox13/S...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 86
gene expression correlation: −0.0832
gene score correlation: −0.0695



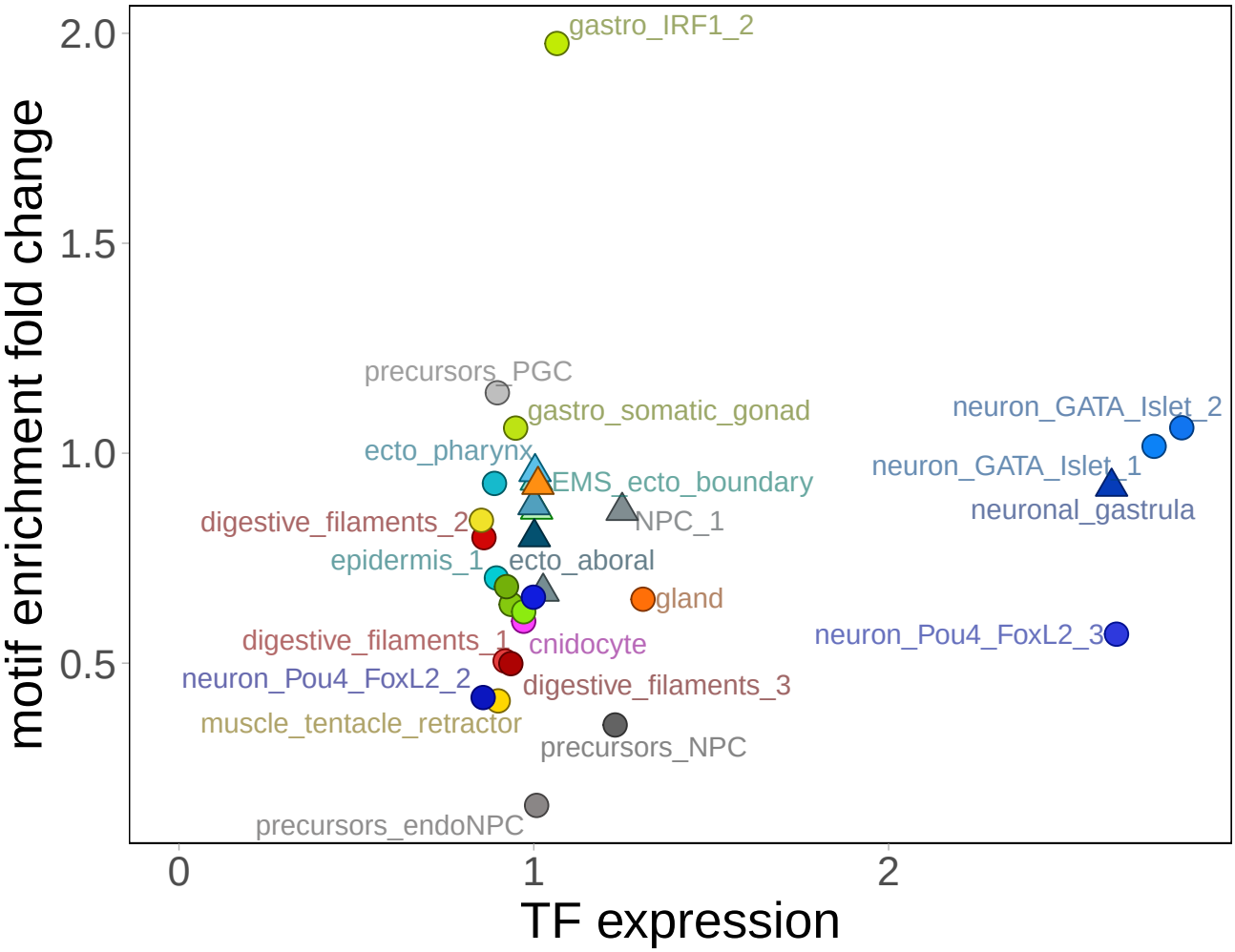
Nvec_vc1.1_XM_032377358.2 (VAx−EMX−Lik
OG: Homeodomains.HG1.42:VAX1/VAX2
PFAM: Homeodomain
motif: ARCH1552_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.4217
gene score correlation: 0.4859



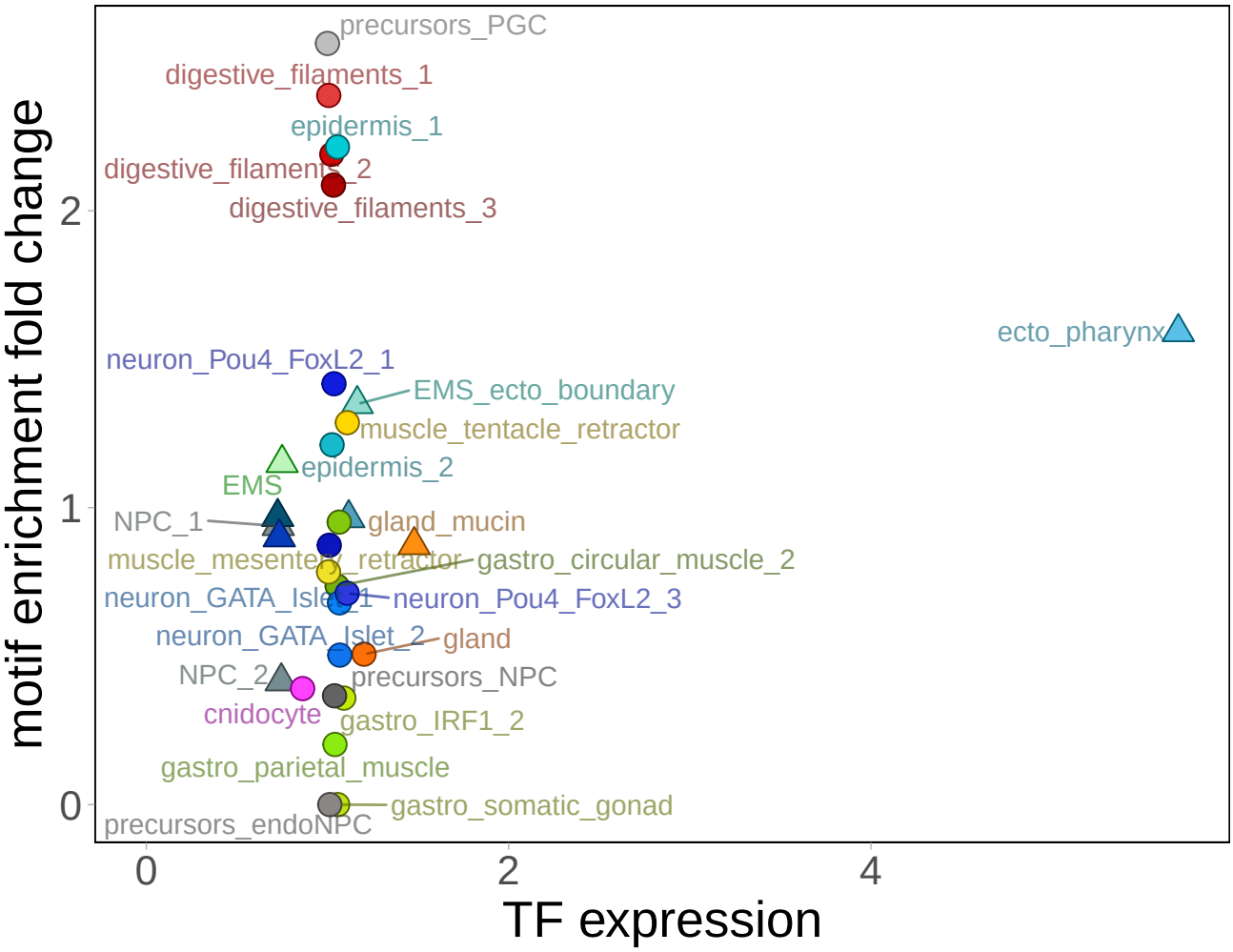
Nvec_vc1.1_XM_032377450.2 (Tbx20−1)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.6901
gene score correlation: 0.8313



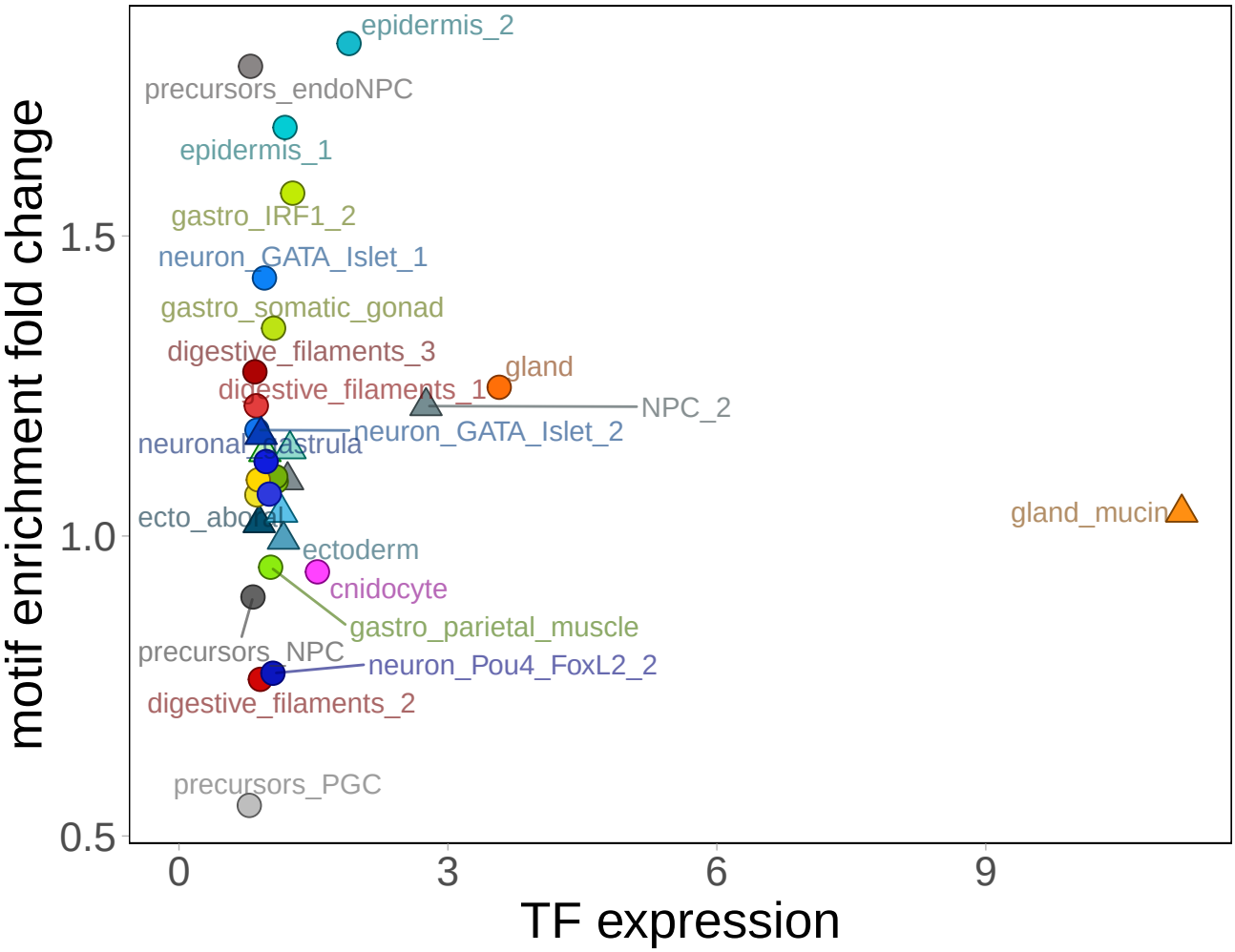
Nvec_vc1.1_XM_032377897.2 (Pea3/Ets)
OG: Ets.HG1.3:ETV1/ETV4/ETV5
PFAM: ETS_PEA3_N/Ets
motif: ARCH593_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 39
gene expression correlation: 0.1504
gene score correlation: 0.1296



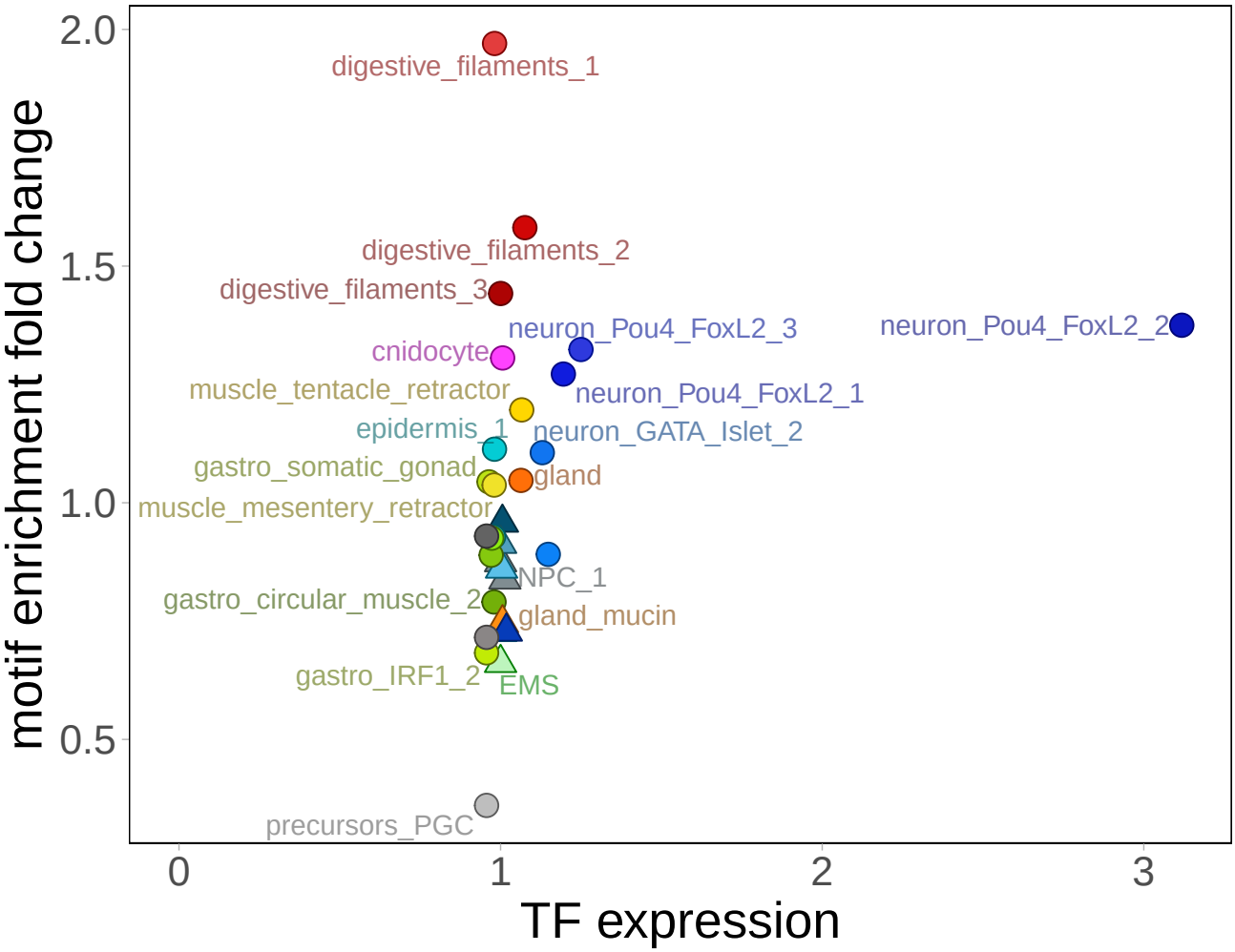
Nvec_vc1.1_XM_032378021.2 (Brachyury)
OG: T−box.HG1.5:TBX19/TBXT
PFAM: T−box
motif: ARCH833_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 247
gene expression correlation: 0.1541
gene score correlation: 0.1361



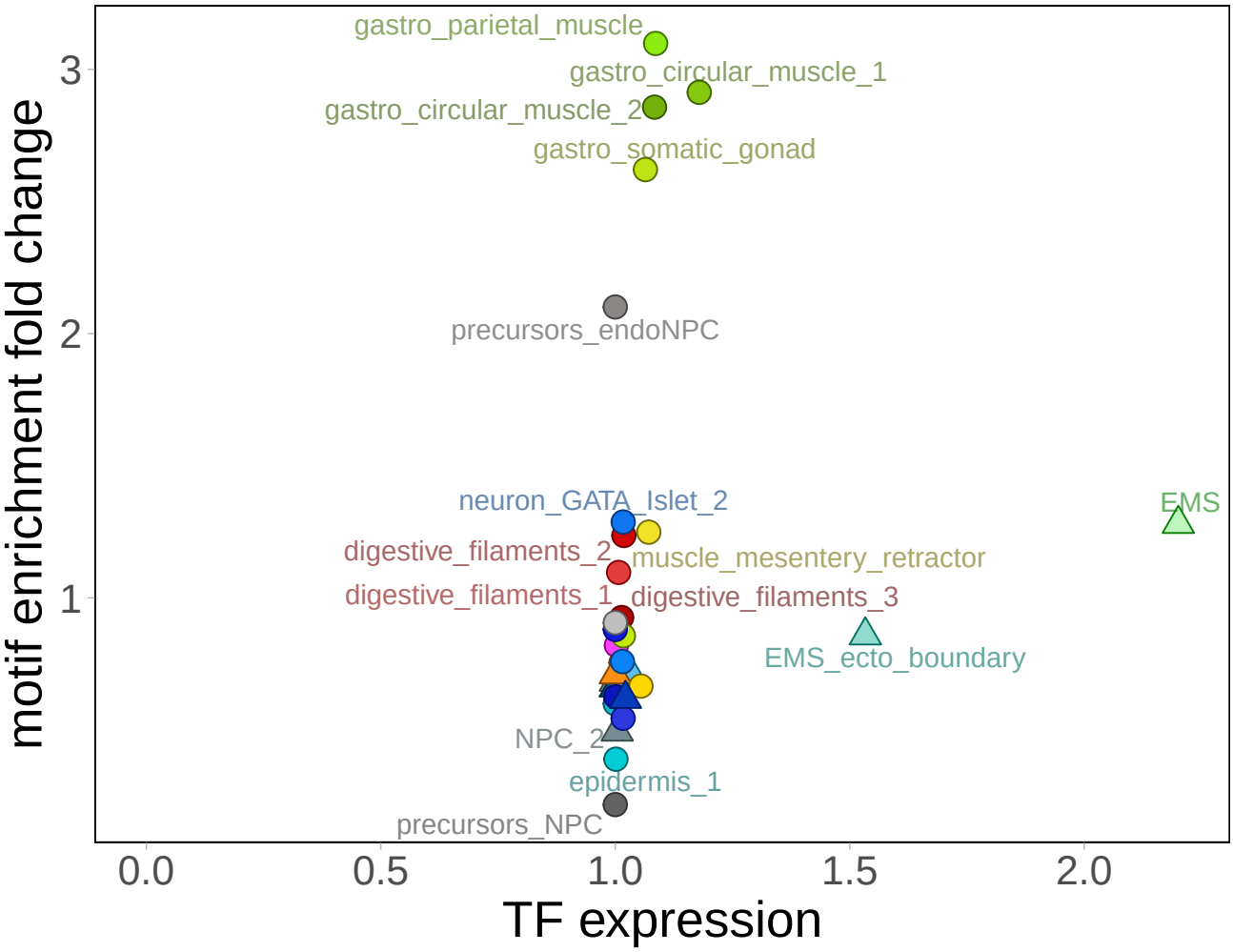
Nvec_vc1.1_XM_032378881.2 (CREB3)
OG: bZIP.HG1.15:CREB3/CREB3L1/CREB3L2
PFAM: bZIP_1
motif: ARCH1485_Atf3/Jdp2_Fos/Fosb...
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 14
gene expression correlation: −0.0101
gene score correlation: 0.1444



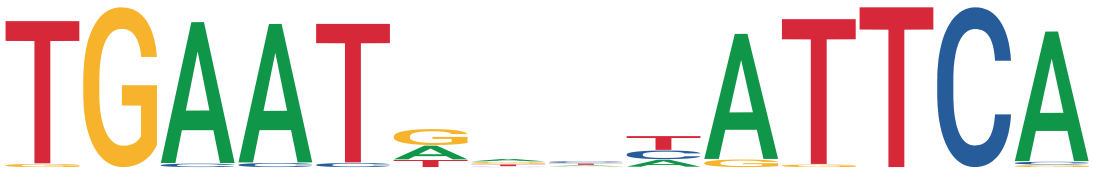
Nvec_vc1.1_XM_032379465.2 (SoxB2/Sox3)
OG: HMGbox_Sox.HG1.19:like:SOX1/SOX2/S
PFAM: HMG_box
motif: ARCH1040_PB0066.1_Sox17_1
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 30
gene expression correlation: 0.2747
gene score correlation: 0.3799

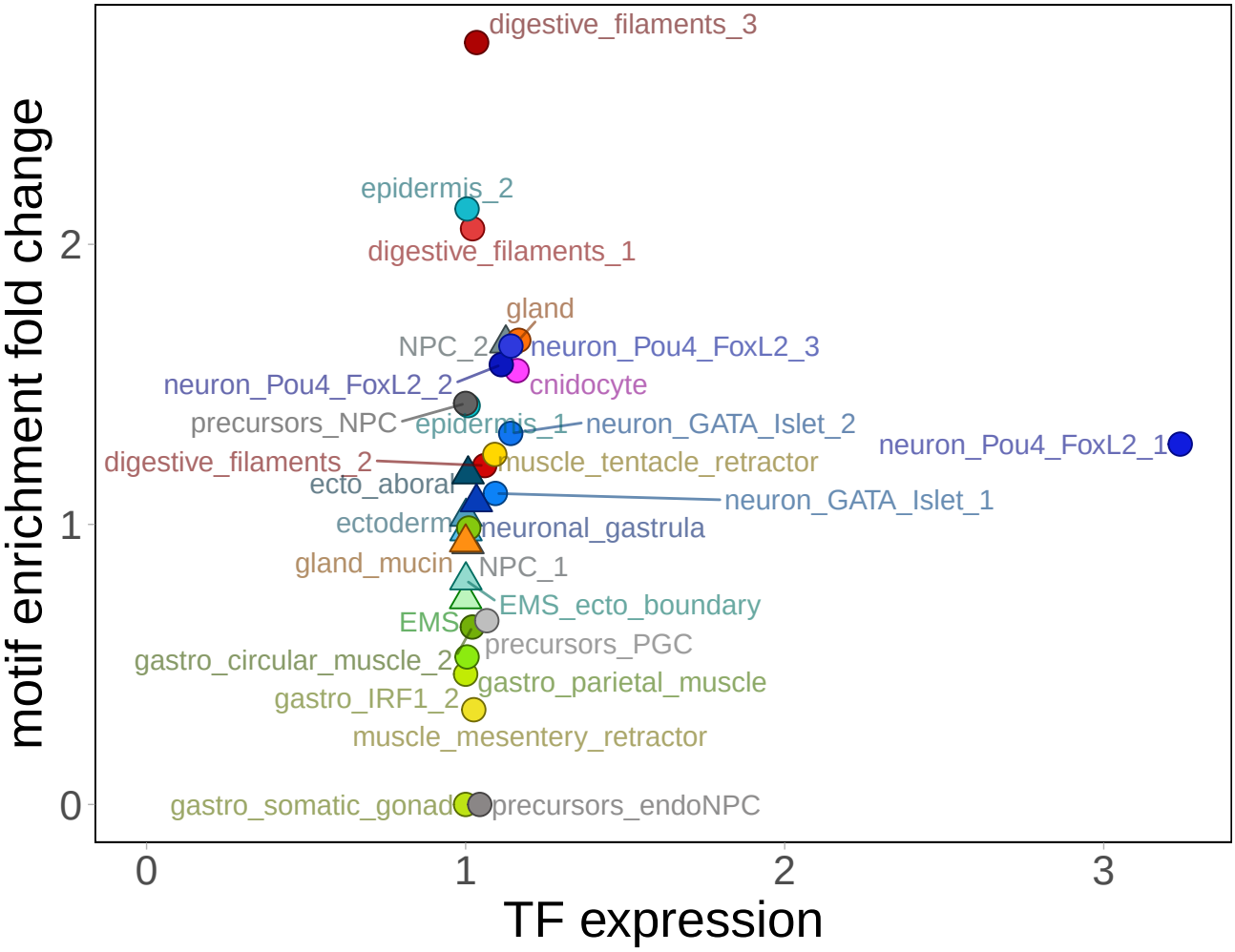


Nvec_vc1.1_XM_032379688.2 (NVHD033−AN
OG: Homeodomains.HG1.39:BARHL1/BARHL
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.1426
gene score correlation: 0.6339

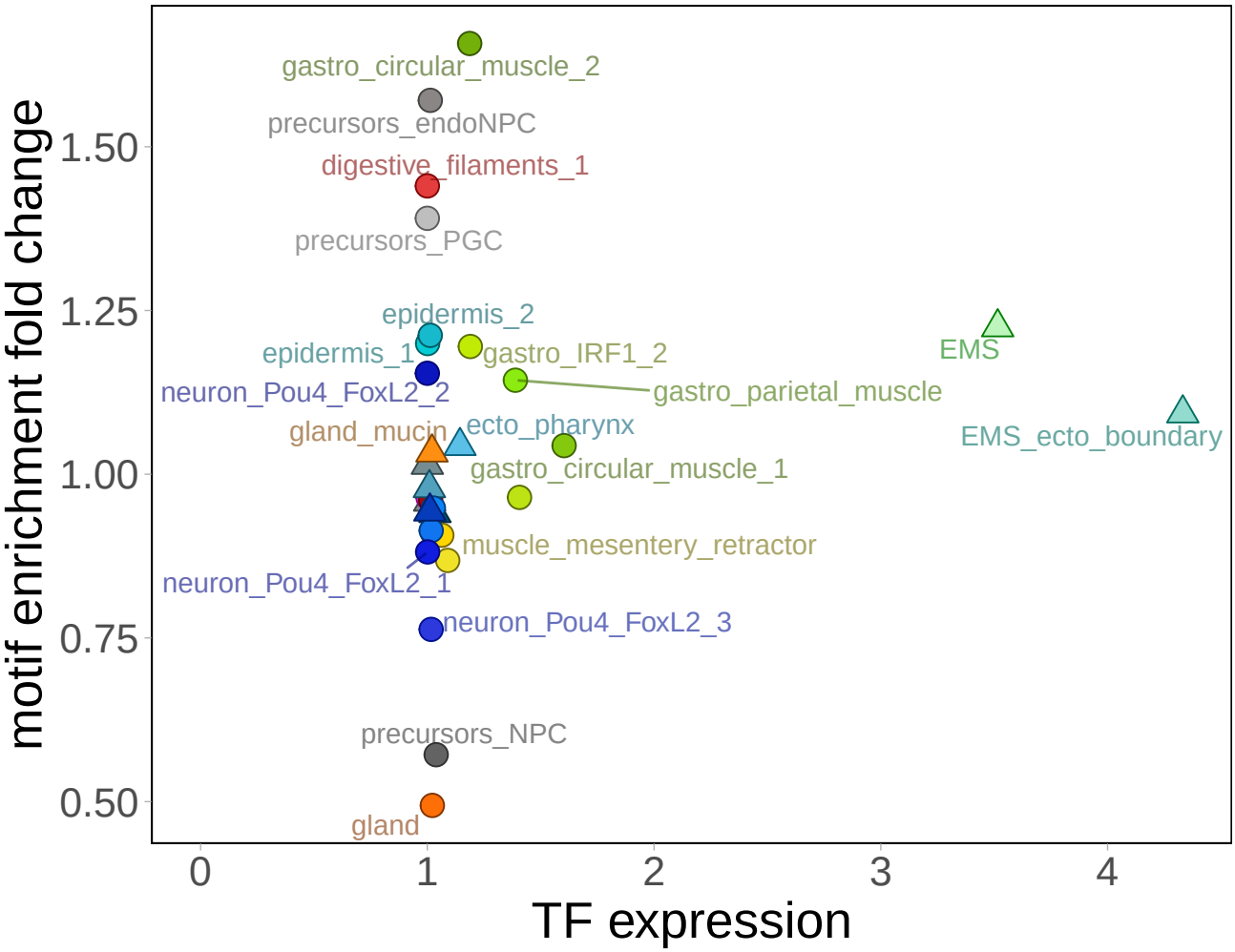


Nvec_vc1.1_XM_032380374.2 (NvSoxA)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
motif: ARCH131_/Sox4/Sox11_Sox13/S...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 294
gene expression correlation: 0.0939
gene score correlation: 0.1052

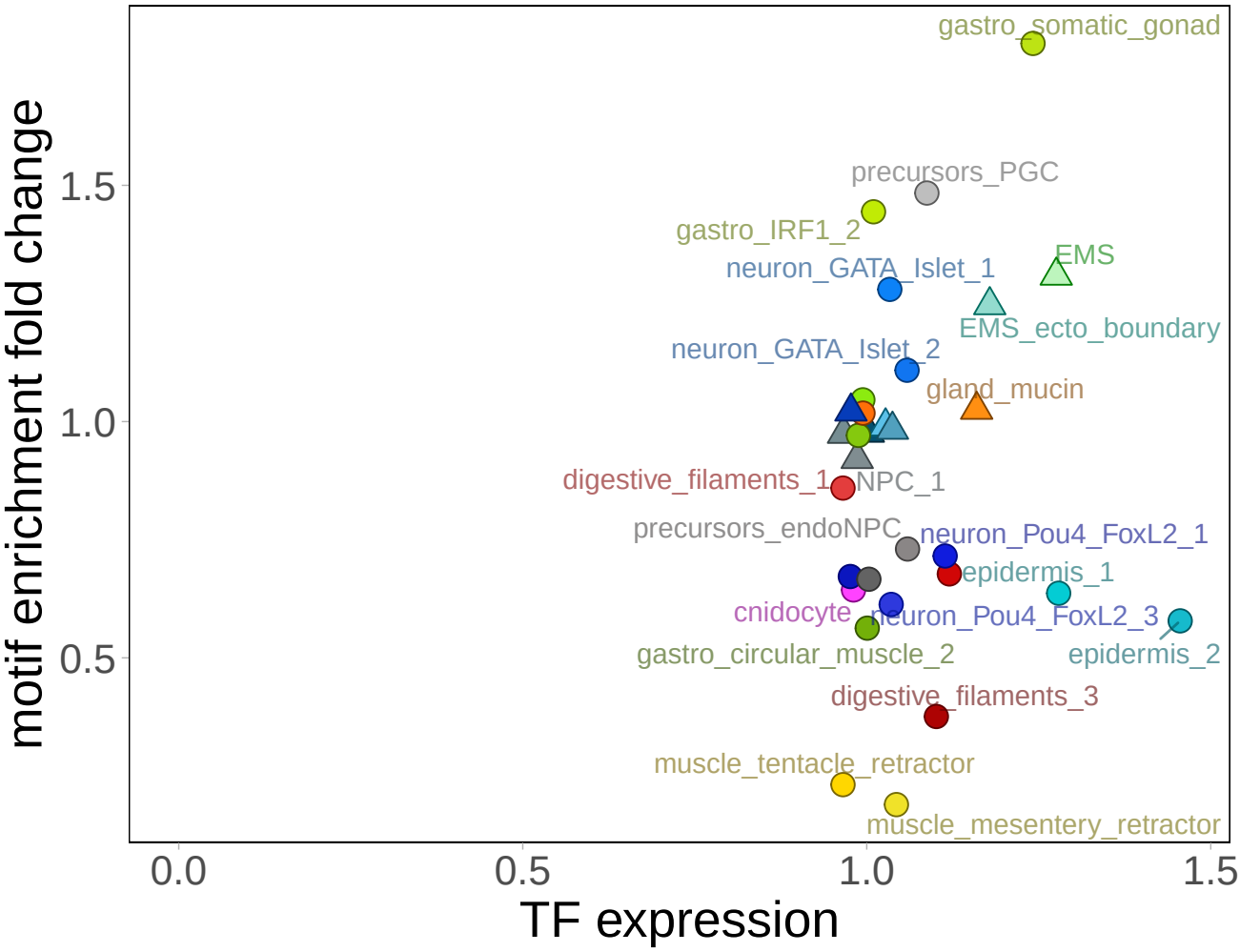




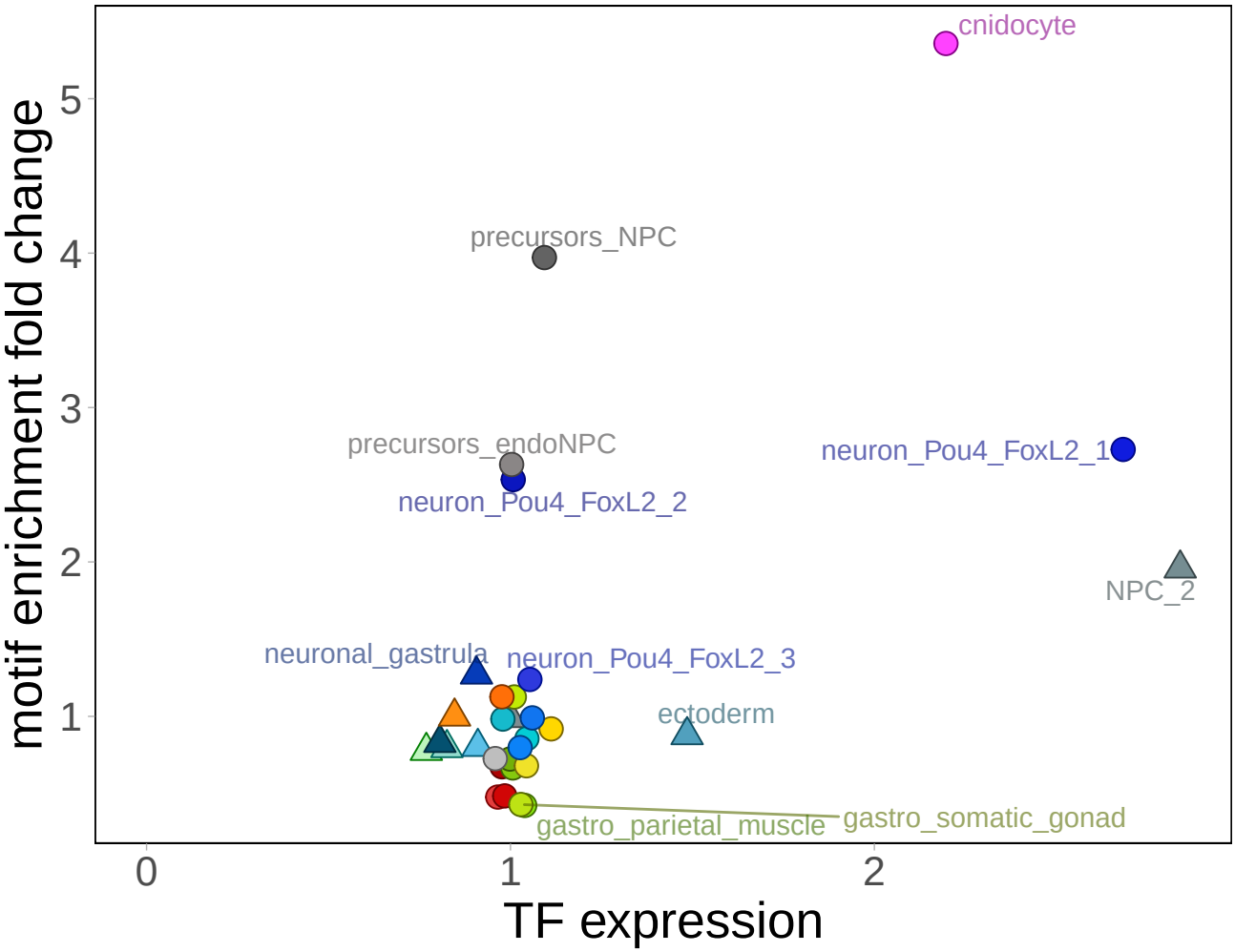
Nvec_vc1.1_XM_032381908.2 (Hand2)
OG: HLH.HG1.66:like:HAND1/HAND2
PFAM: HLH
motif: ARCH779_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 422
gene expression correlation: 0.1278
gene score correlation: 0.0969



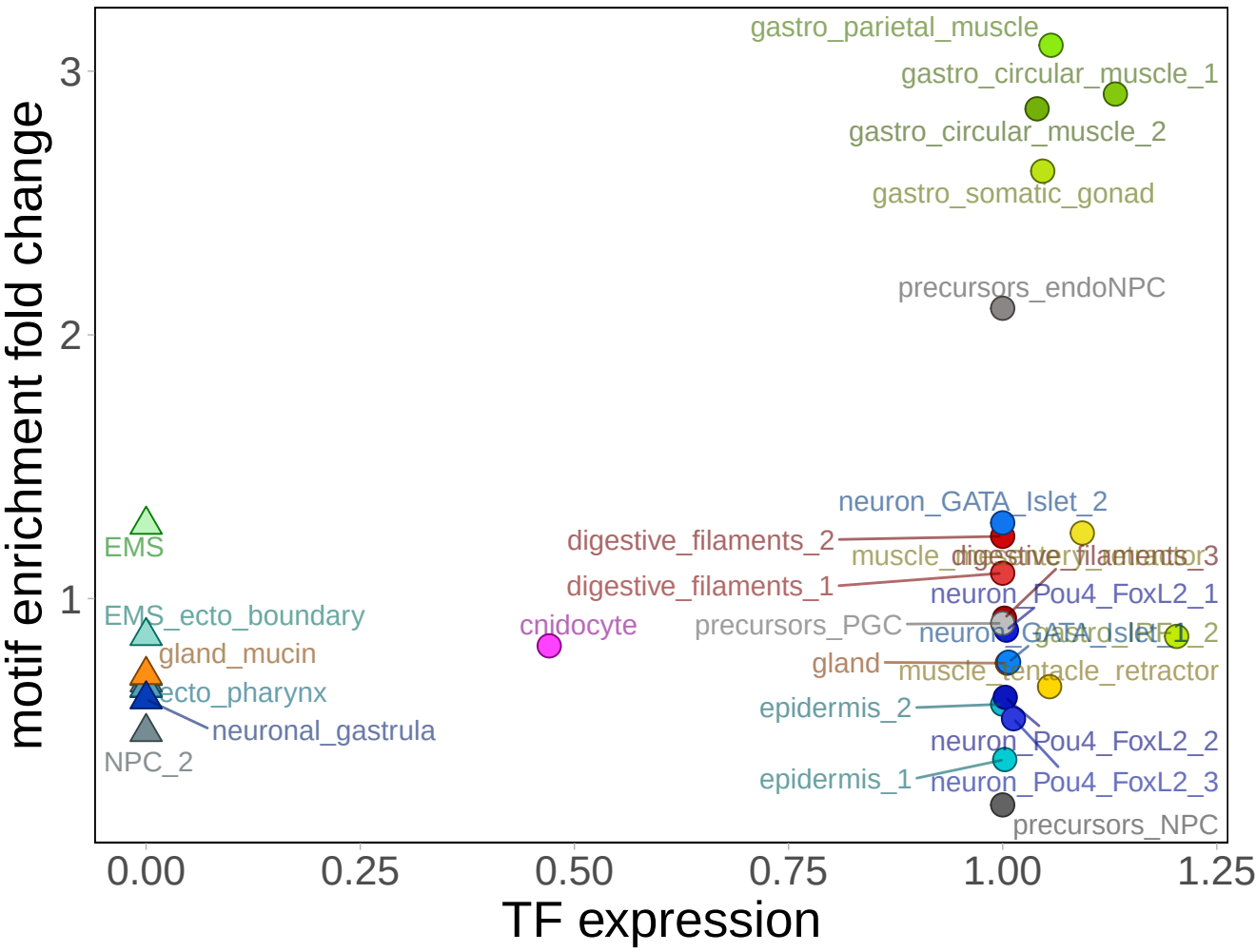
Nvec_vc1.1_XM_032384221.2 (ETV6/7)
OG: Ets.HG1.13:ETV6/ETV7
PFAM: Ets
motif: ARCH551_Elf3/Ehf/Elf5_Etv6
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 151
gene expression correlation: 0.1317
gene score correlation: −0.0199



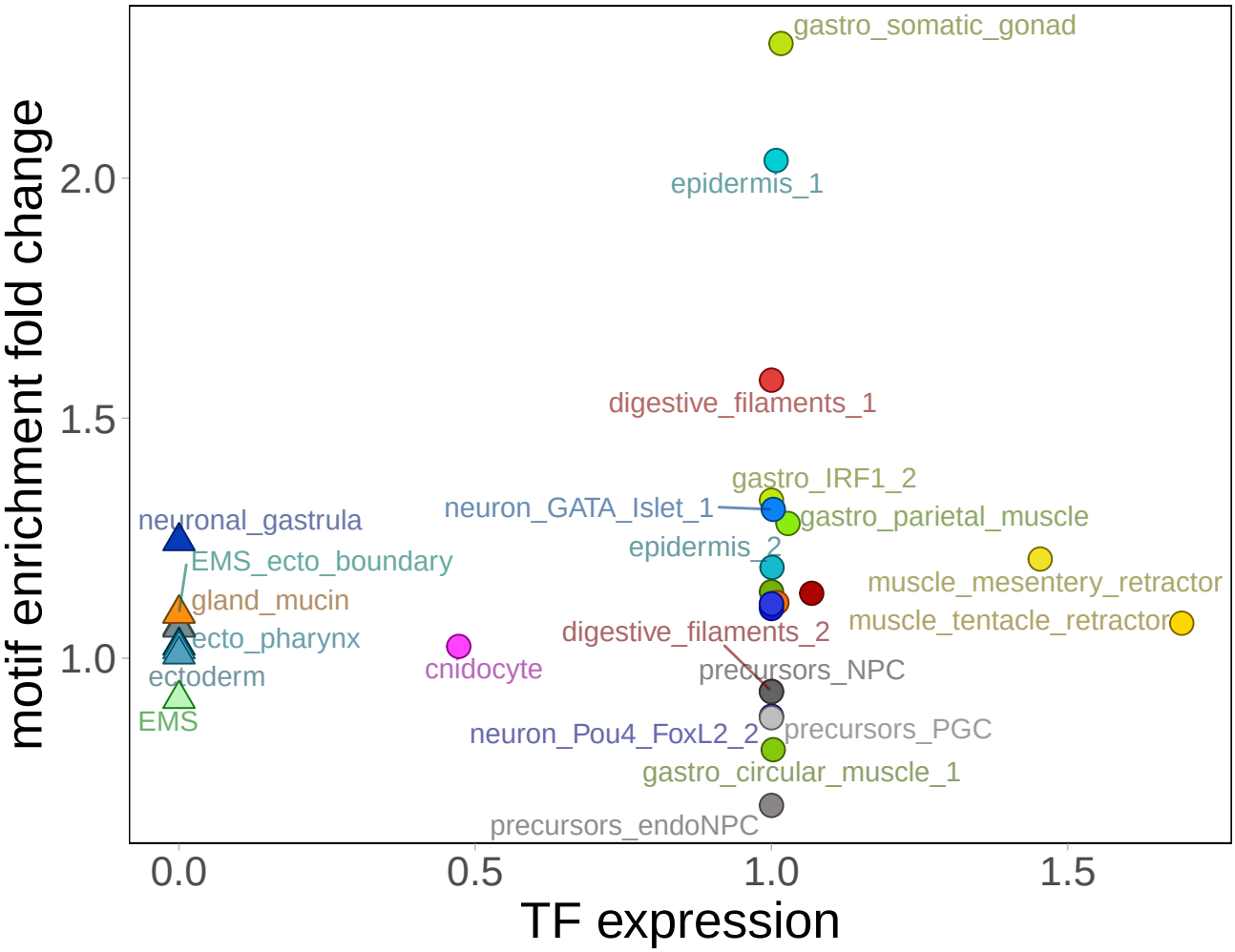
Nvec_vc1.1_XM_032384420.2 (Sp6−9)
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_4
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.5428
gene score correlation: 0.3747



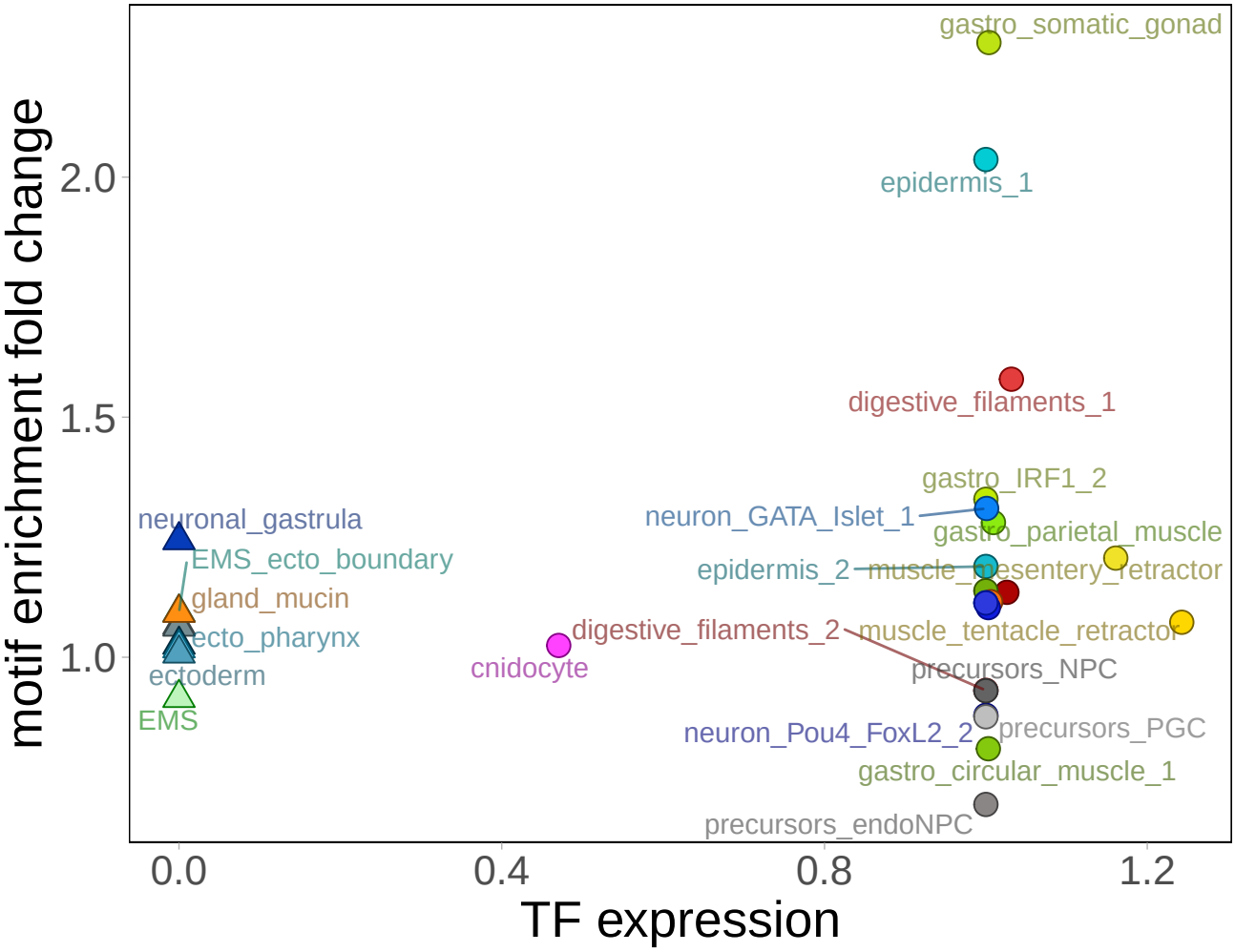
Nvec_vc1.1_XM_032384965.2 (BarH−Like3)
OG: Homeodomains.HG1.39:BARHL1/BARHL
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 38
gene expression correlation: 0.3411
gene score correlation: 0.6826



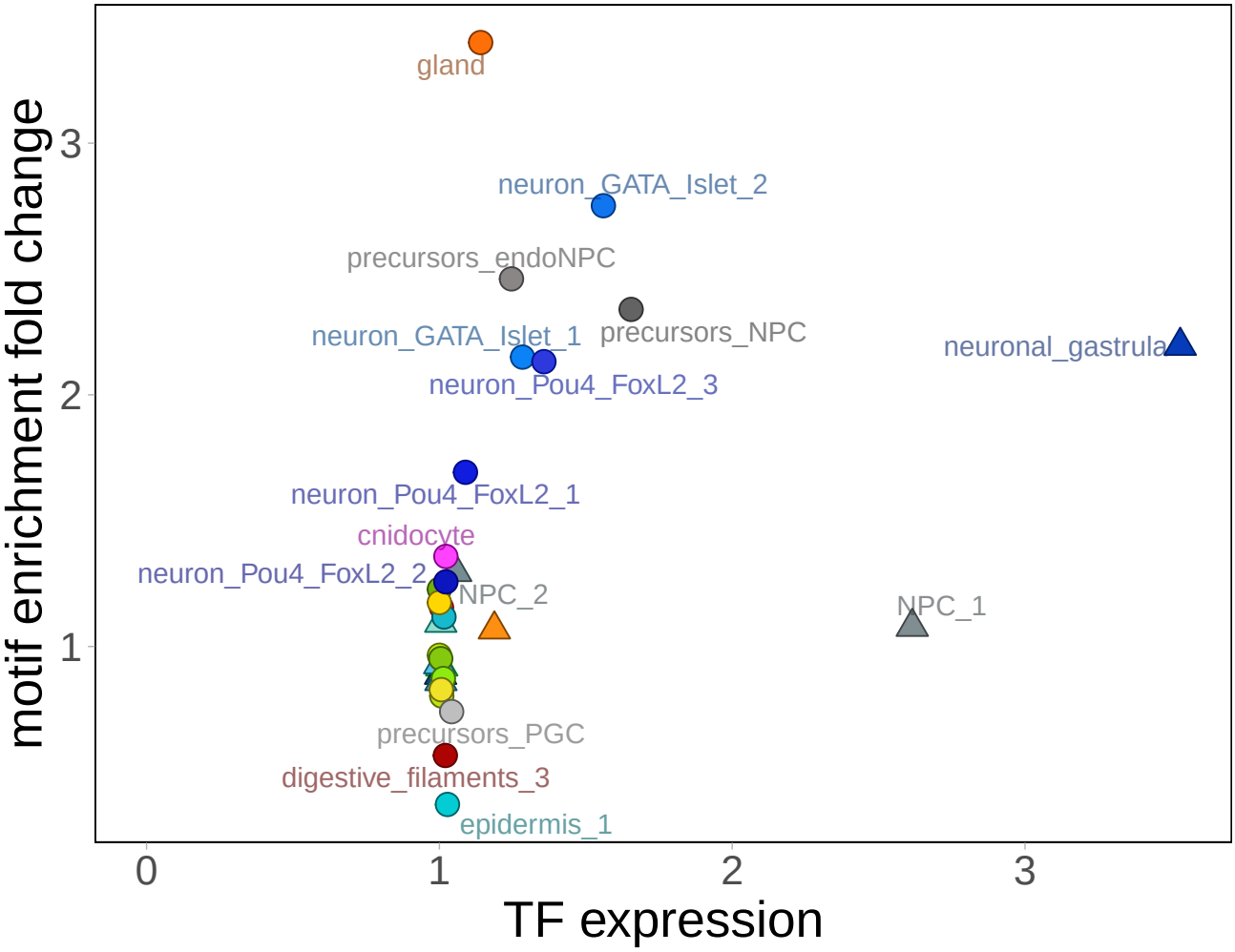
Nvec_vc1.1_XM_032385184.2 (Nem24)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 242
gene expression correlation: 0.1830
gene score correlation: 0.1075



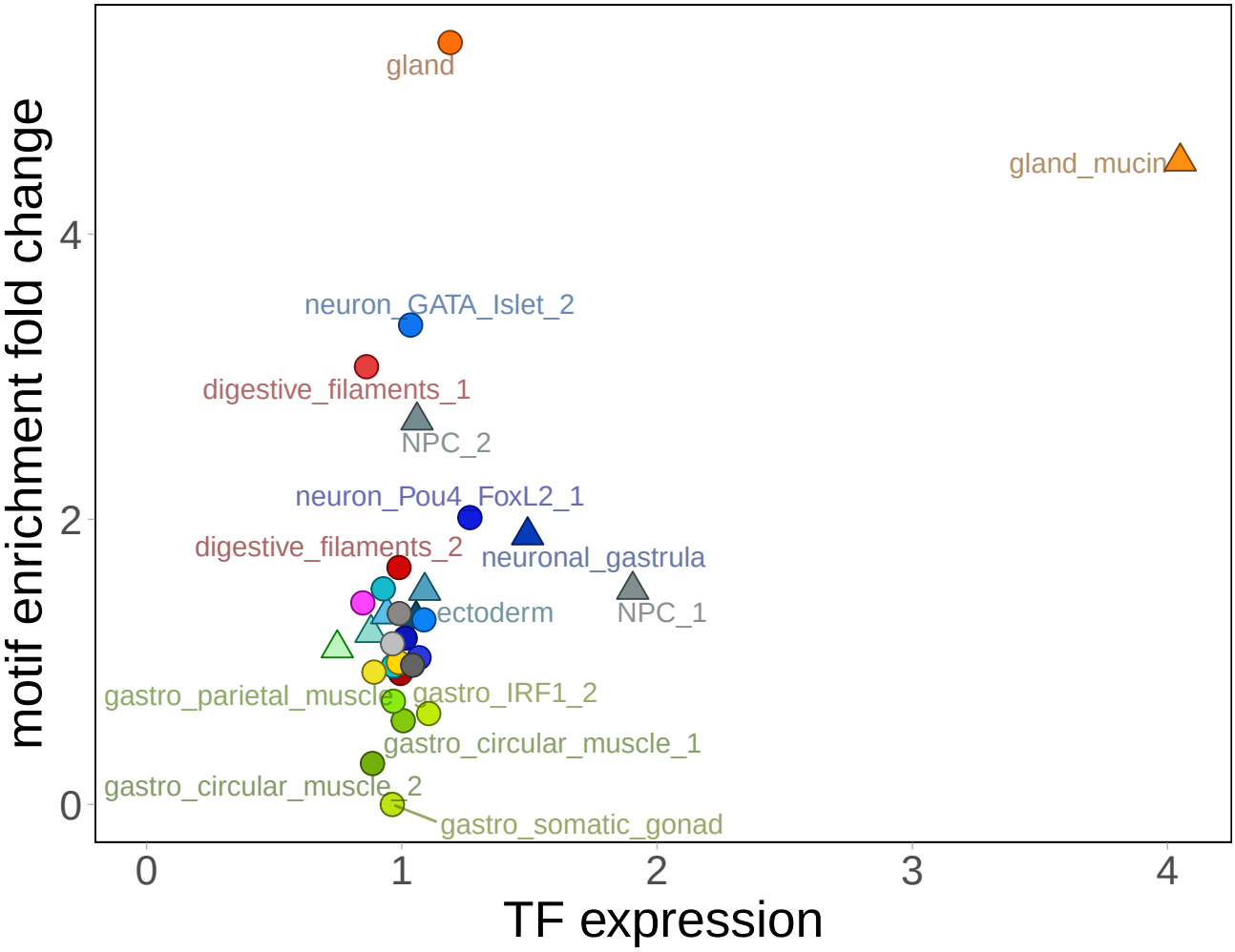
Nvec_vc1.1_XM_032385185.2 (Nem7)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 73
gene expression correlation: 0.1988
gene score correlation: 0.1357



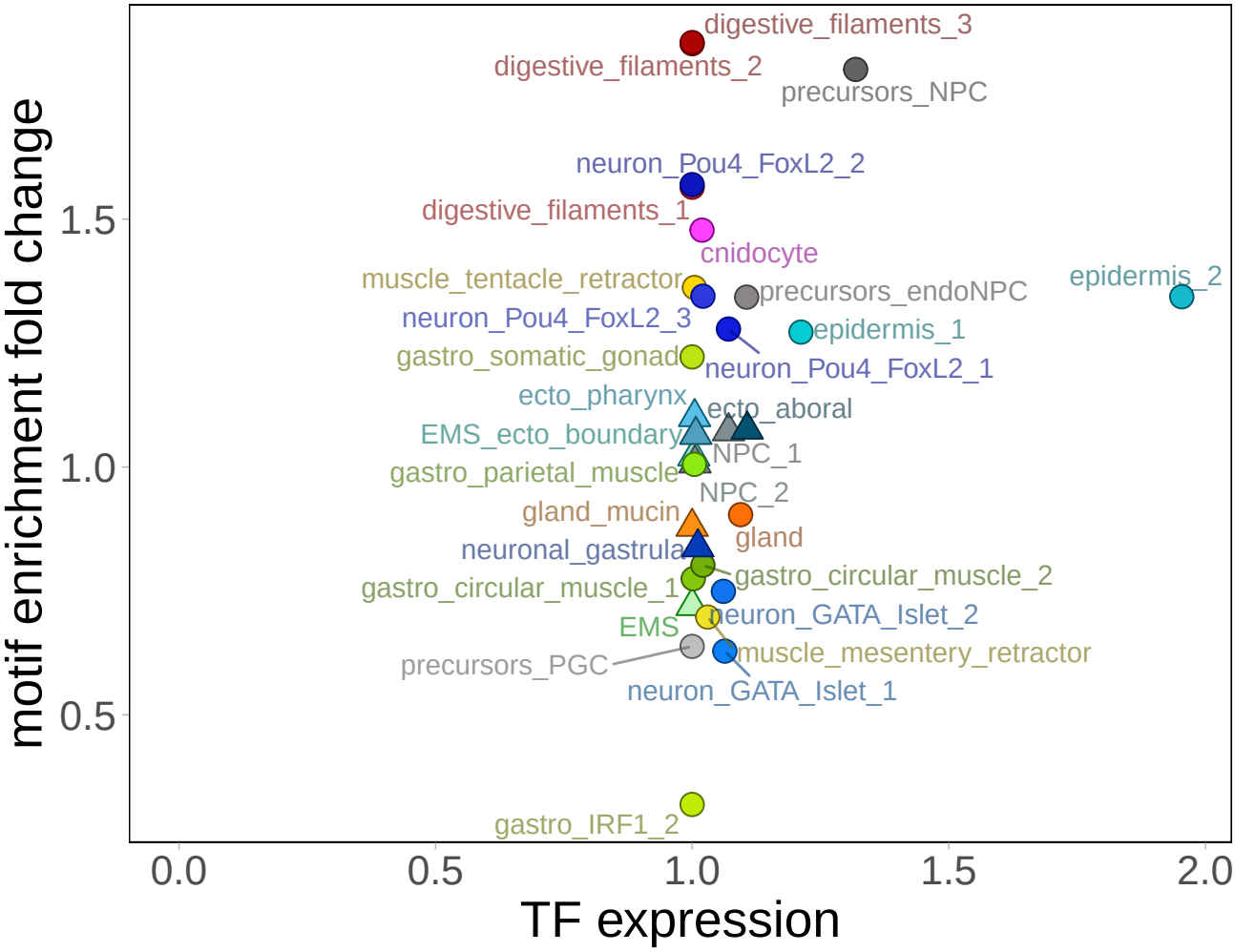
Nvec_vc1.1_XM_032385496.2 (PTF1a)
OG: HLH.HG1.91:like:FERD3L/PTF1A
PFAM: HLH
motif: ARCH745_Tfap4
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3675
gene score correlation: 0.6181



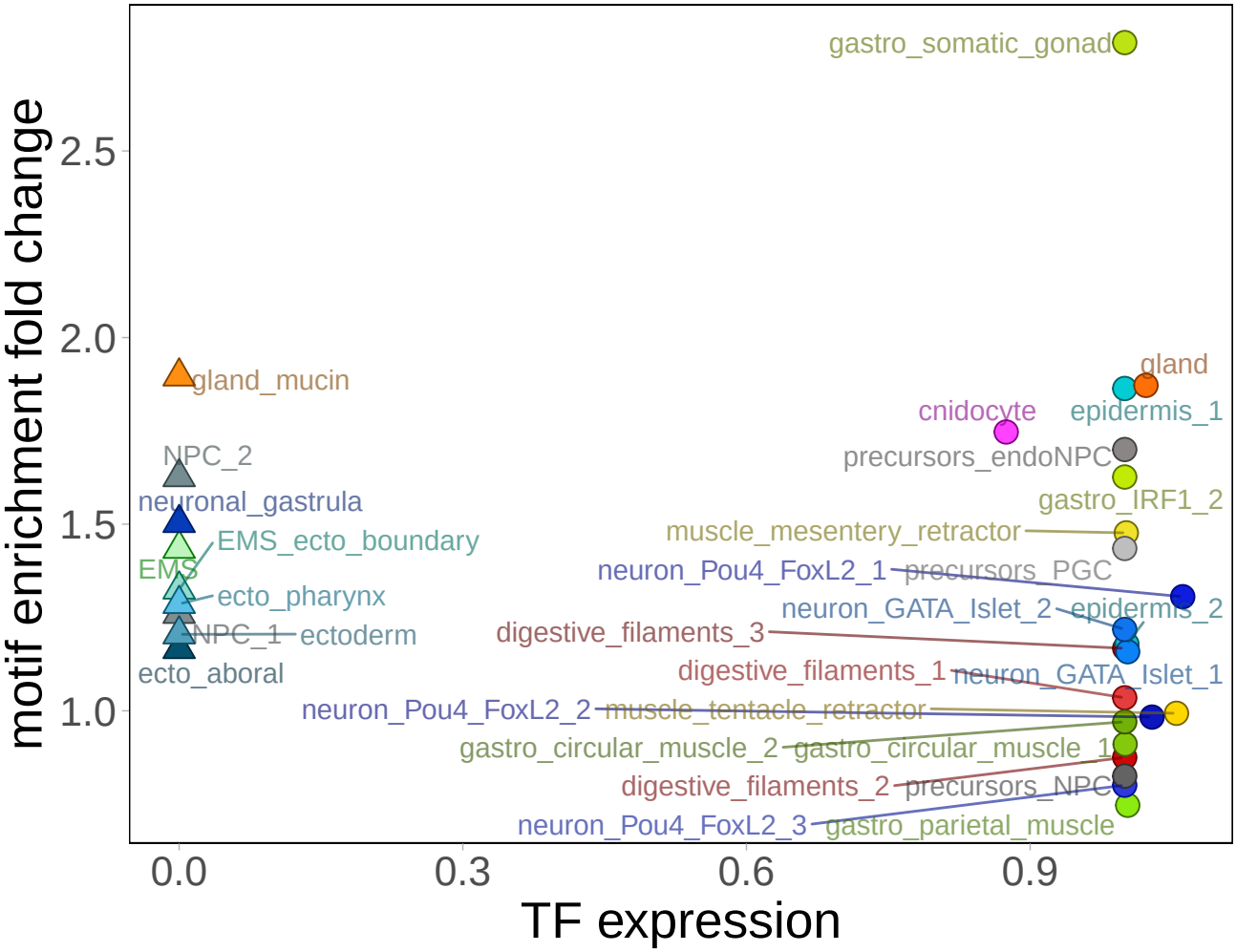
Nvec_vc1.1_XM_032385647.2 (RFX1/2/3)
OG: RFX.HG1.2:RFX1/RFX2/RFX3
PFAM: RFX_DNA_binding
motif: ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.5094
gene score correlation: 0.5419



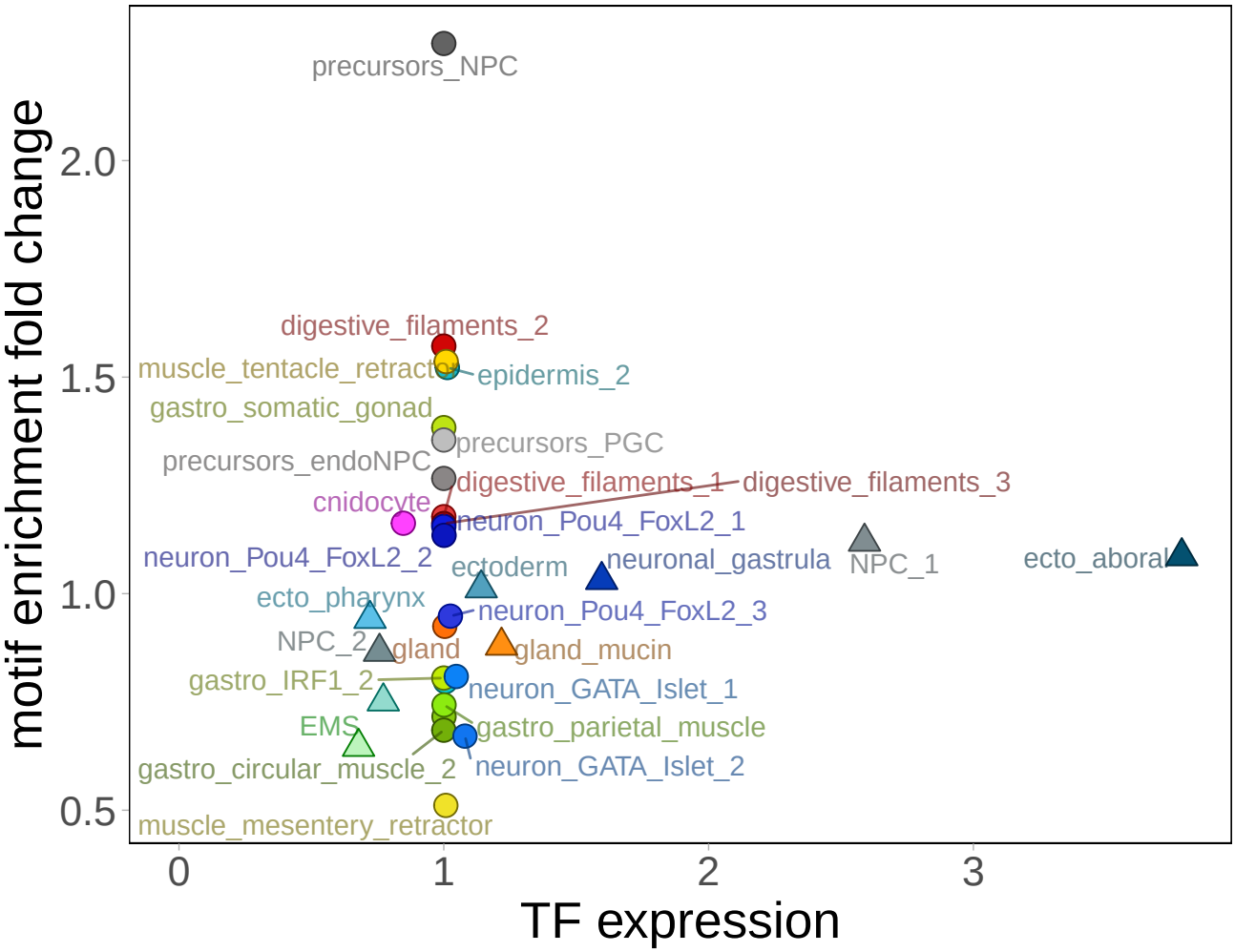
Nvec_vc1.1_XM_032385706.2 (FoxQ2d)
OG: Forkhead.HG1.14:like:FOXN1/FOXN2/FO
PFAM: Forkhead
motif: FoxQ2d
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.2016
gene score correlation: 0.2848



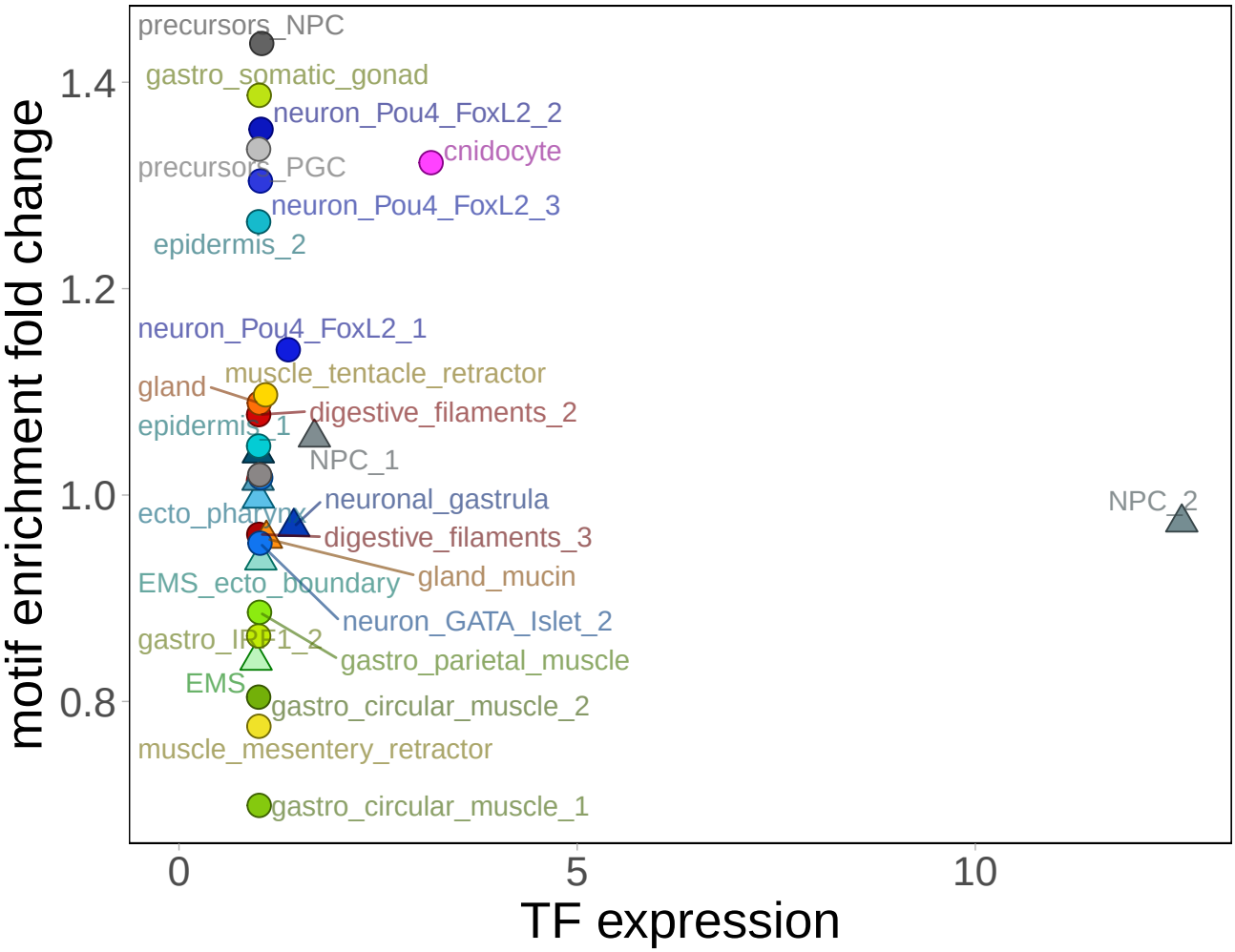
Nvec_vc1.1_XM_032385896.2 (Cnido−Jun)
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
motif: ARCH947_Creb3l2/Creb3l1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 7
gene expression correlation: −0.1284
gene score correlation: 0.1799



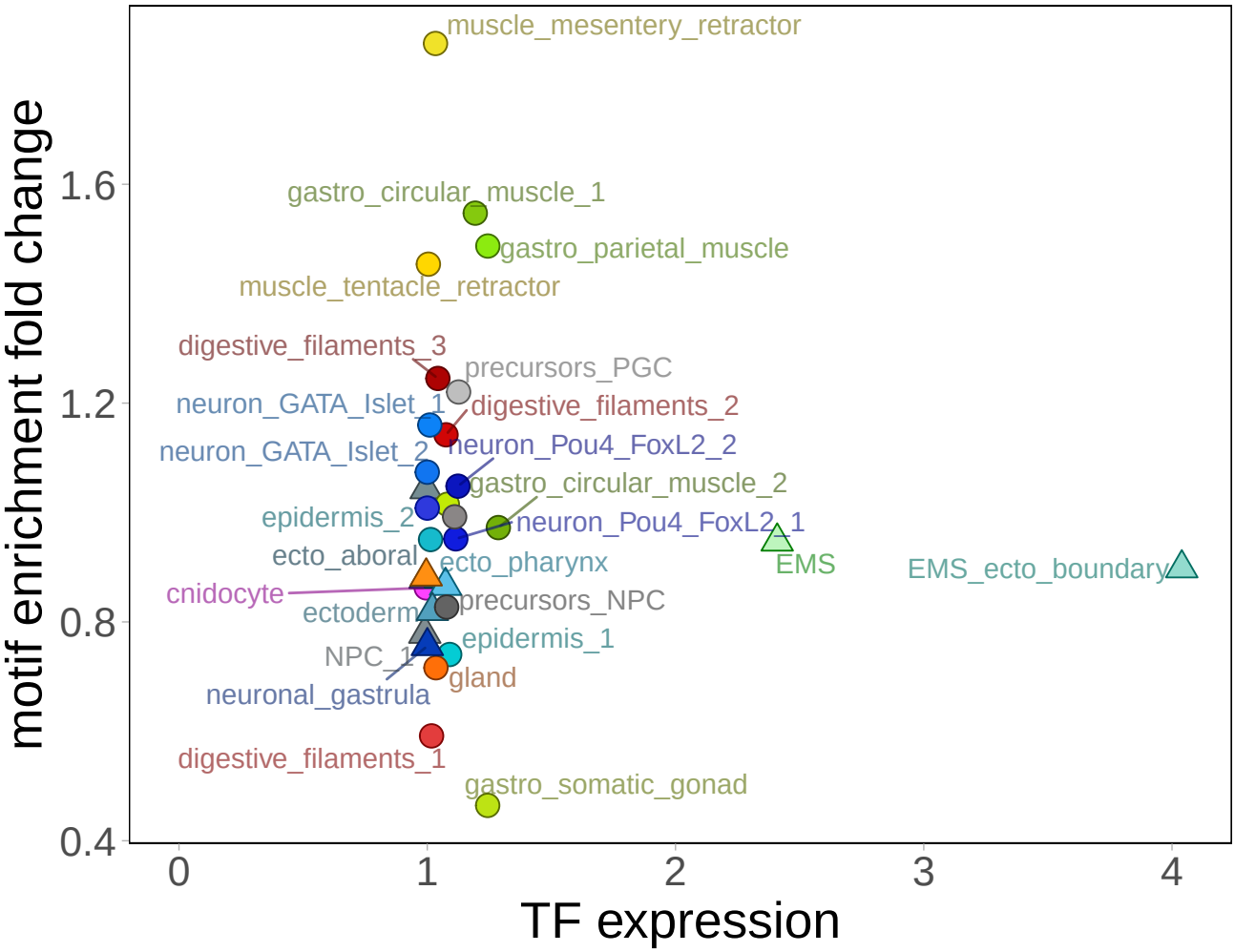
Nvec_vc1.1_XM_032386947.2 (FoxQ2a)
OG: Forkhead.HG1.13:like:FOXN1/FOXN2/FO
PFAM: Forkhead
motif: ARCH1178_/Sox4/Sox11_Foxd2/...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 105
gene expression correlation: 0.0572
gene score correlation: −0.0025



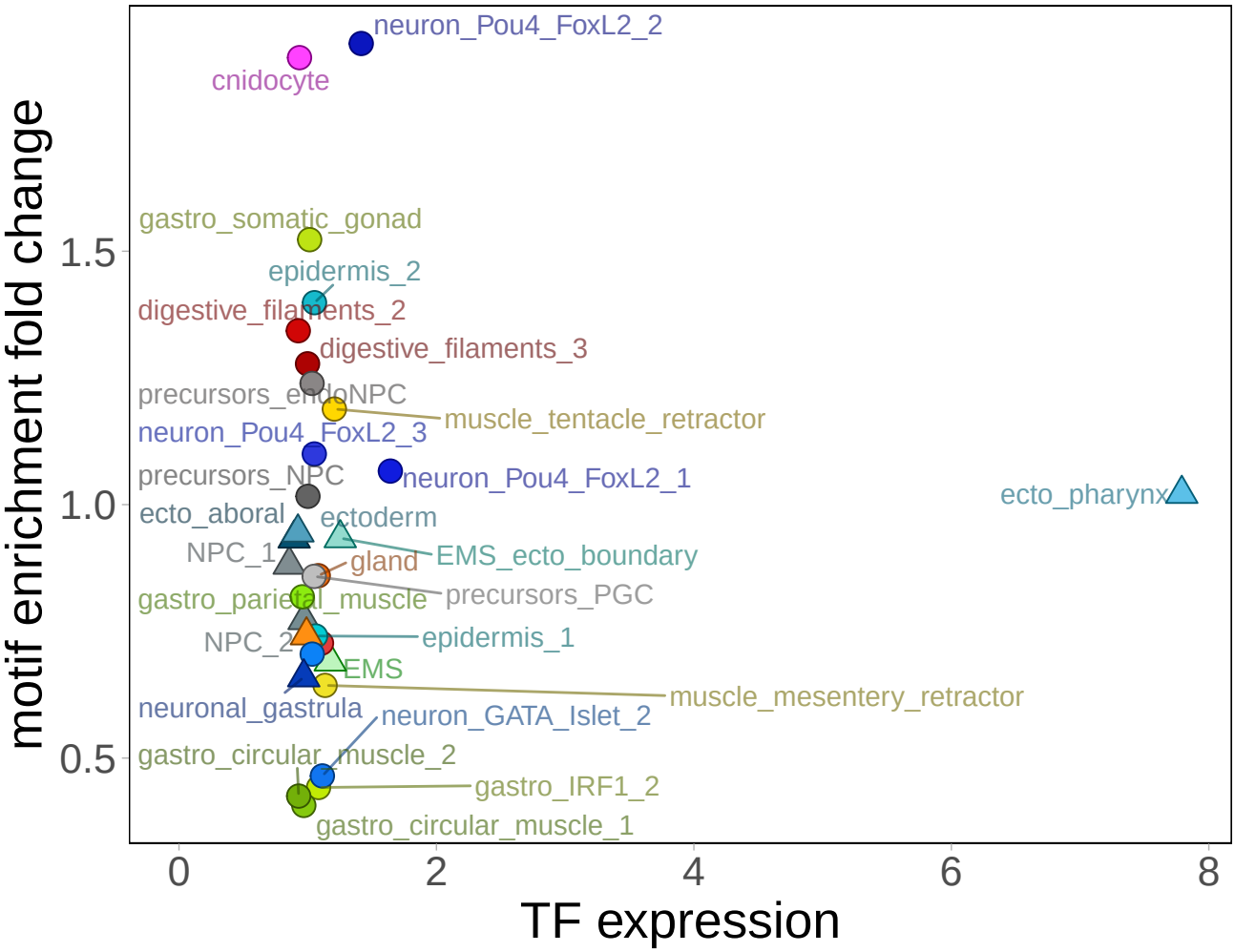
Nvec_vc1.1_XM_032387167.2 (FoxA/D?)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead
motif: ARCH1102_Foxa3/Foxa1/Foxa2_...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 70
gene expression correlation: −0.0267
gene score correlation: 0.2918



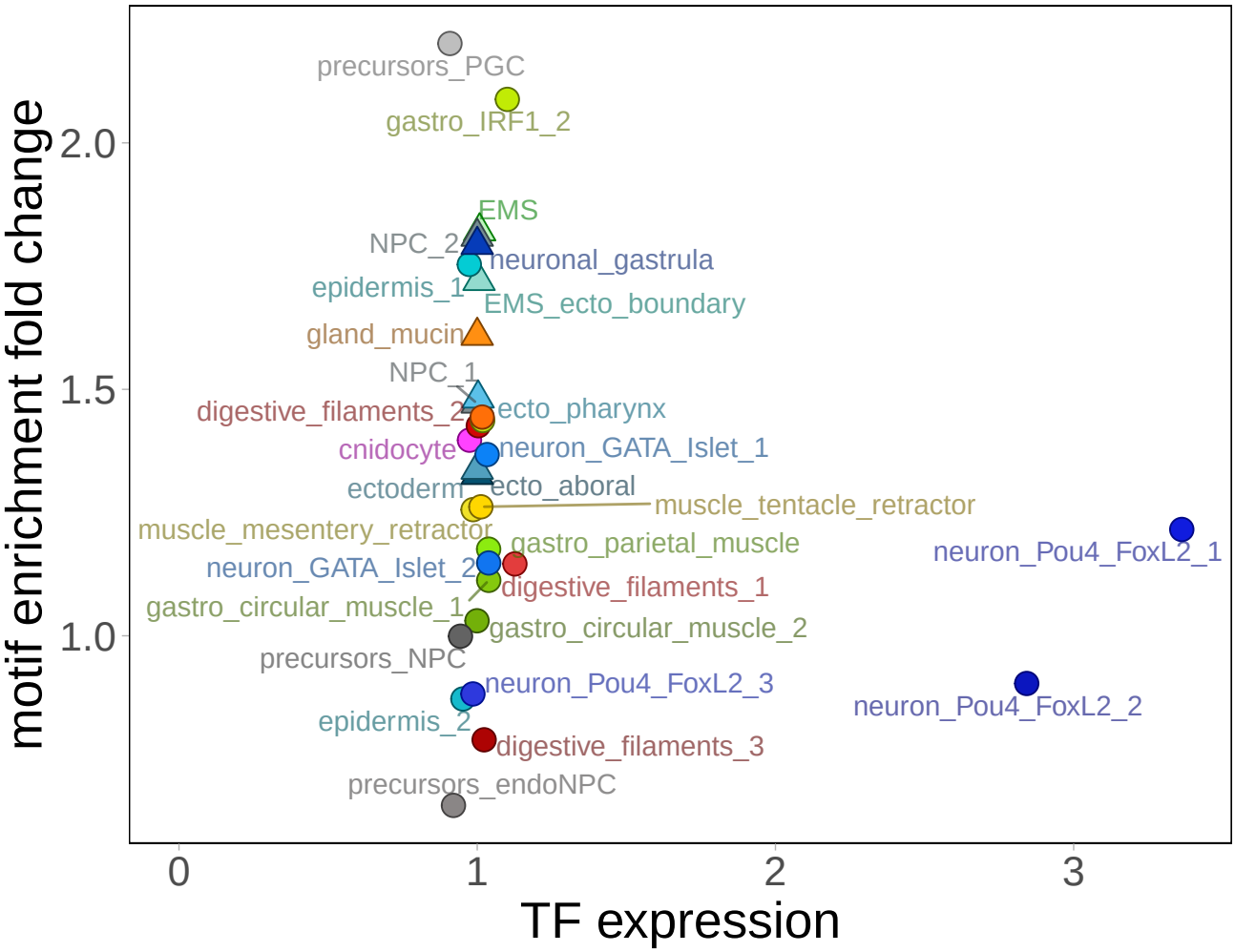
Nvec_vc1.1_XM_032387186.2 (SnailA)
OG: zf−C2H2.HG7.5:SNAI1/SNAI2/SNAI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH866_ZNF317
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 251
gene expression correlation: −0.0636
gene score correlation: −0.0655



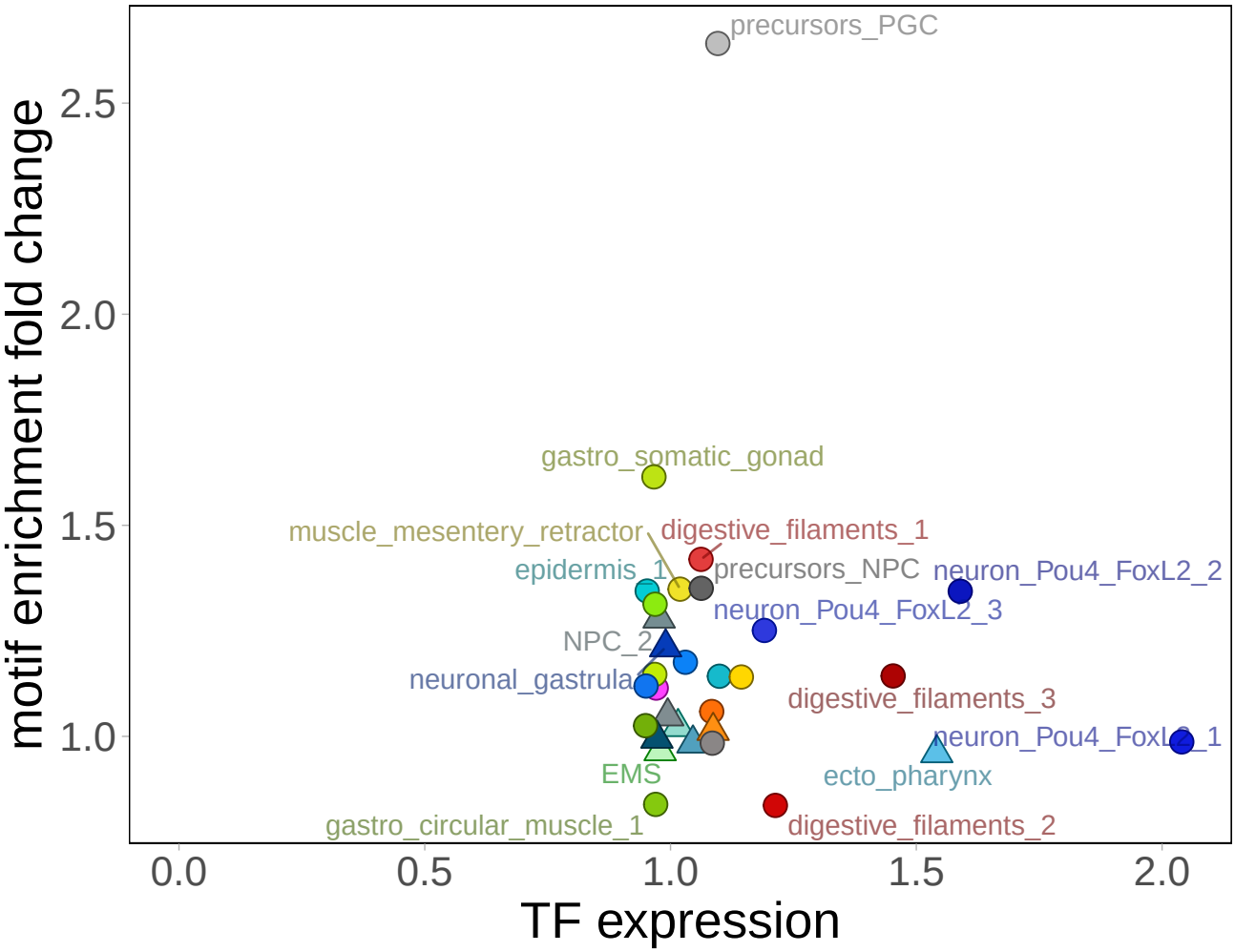
Nvec_vc1.1_XM_048728028.1 (FoxB)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.0549
gene score correlation: 0.3285



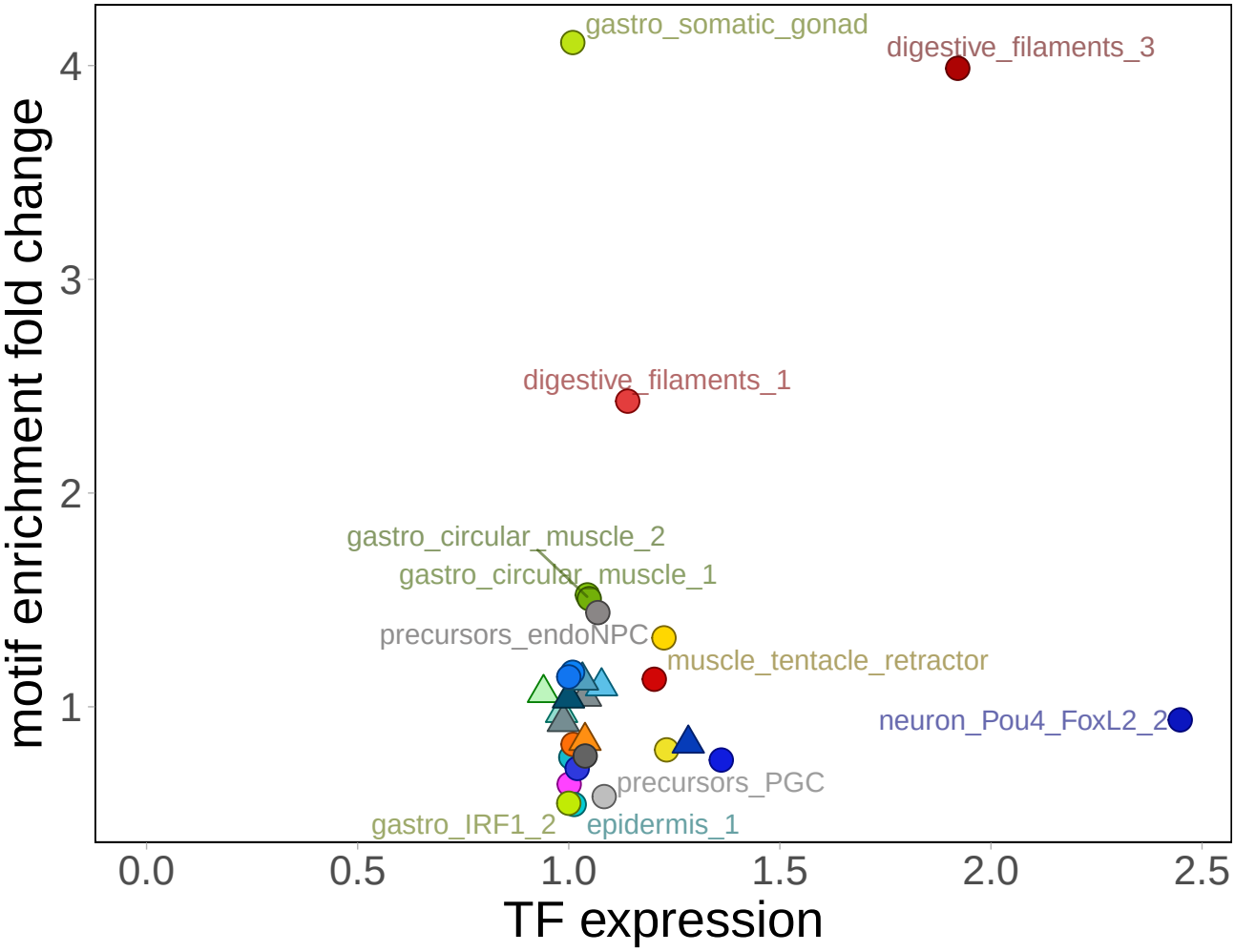
Nvec_vc1.1_XM_048730161.1 (Cnido−Fos1)
OG: bZIP.HG1.9:like:ATF3/ATF4/ATF5/FOS/FO
PFAM: bZIP_1
motif: ARCH1620_Atf3/Jdp2_Creb3l2/...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 737
gene expression correlation: −0.1872
gene score correlation: −0.1989



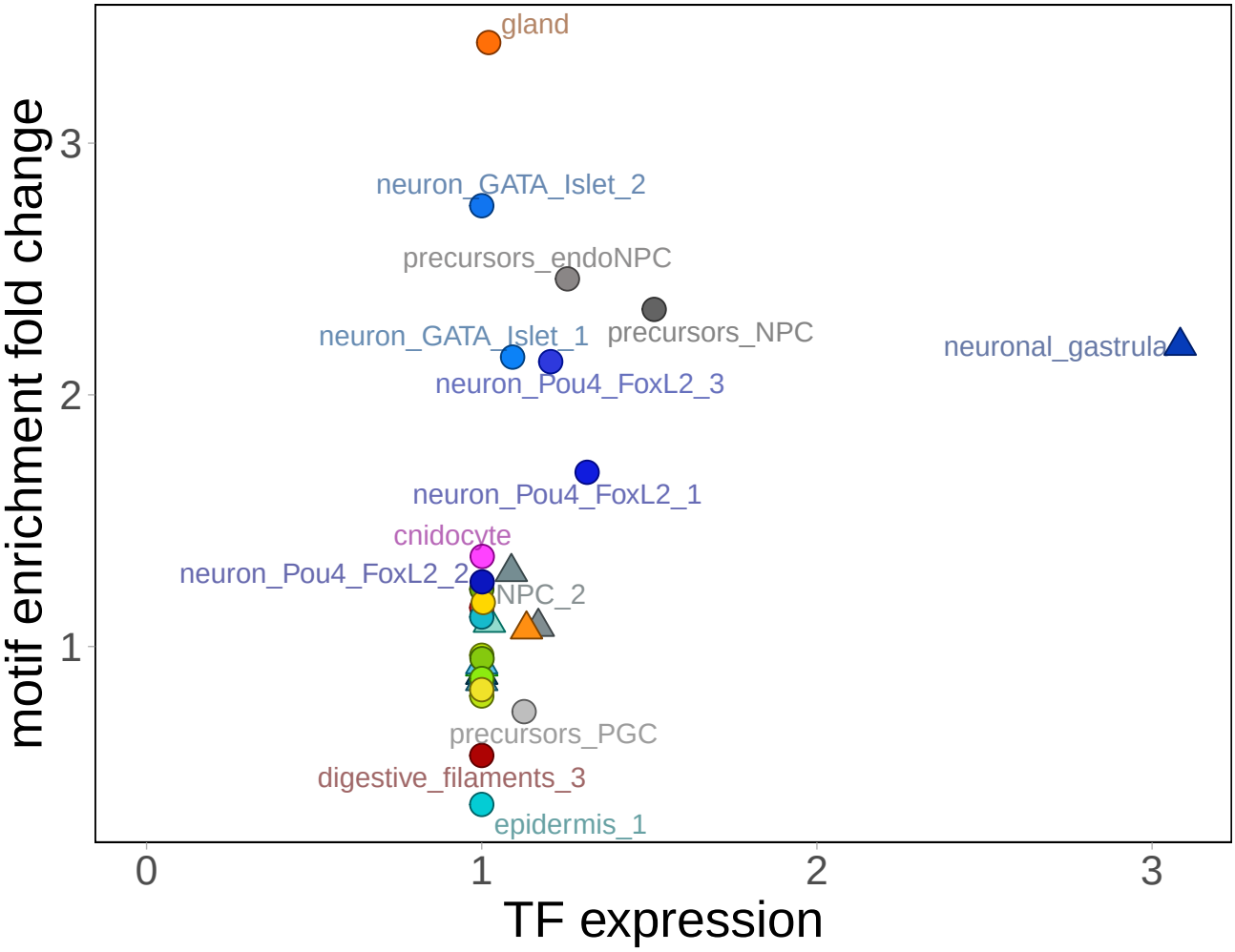
Nvec_vc1.1_XM_048731137.1 (LMX)
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH93_AW822073//Duxf3/Duxb...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 48
gene expression correlation: −0.0924
gene score correlation: −0.3033



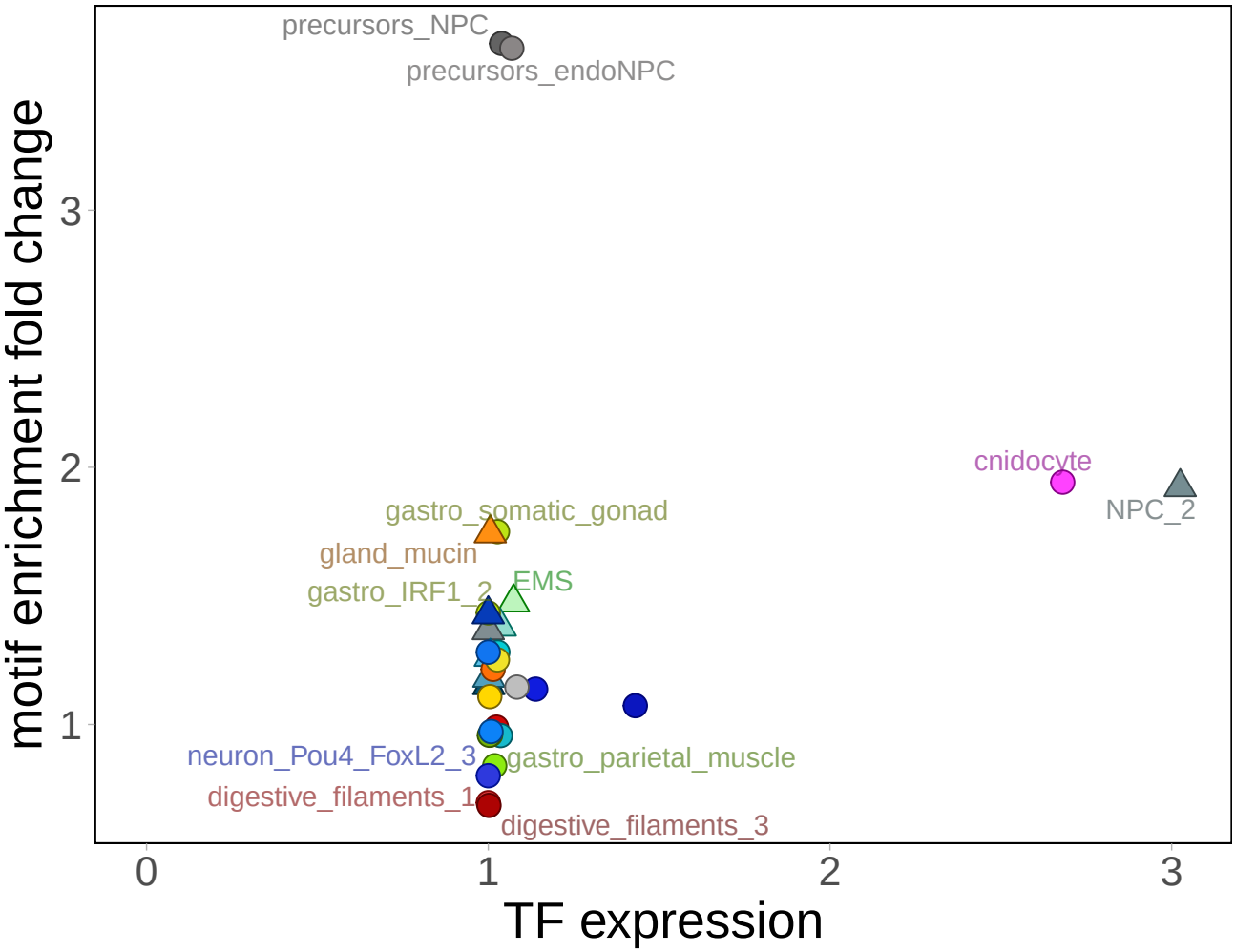
Nvec_NVE7697
OG: Homeodomains.HG2.24:like:LEUTX
PFAM: Homeodomain
motif: ARCH1442_Dmbx1_Gsc2/Gsc//Ob...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 663
gene expression correlation: 0.2528
gene score correlation: 0.0574



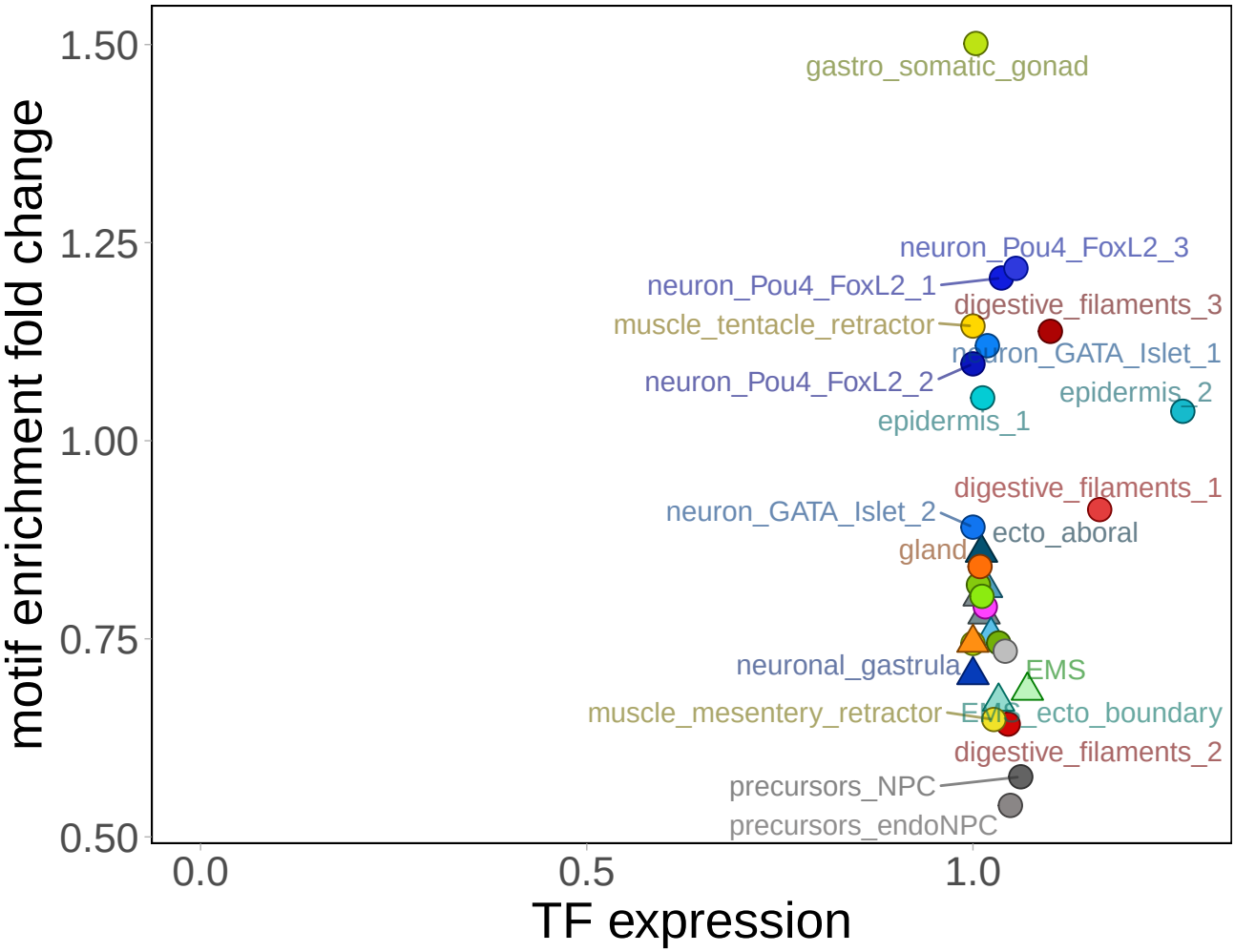
Nvec_v1g210540
OG: HLH.HG1.68:like:ASCL3/ASCL4/ASCL5
PFAM: HLH
motif: ARCH745_Tfap4
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 19
gene expression correlation: 0.3482
gene score correlation: 0.6509



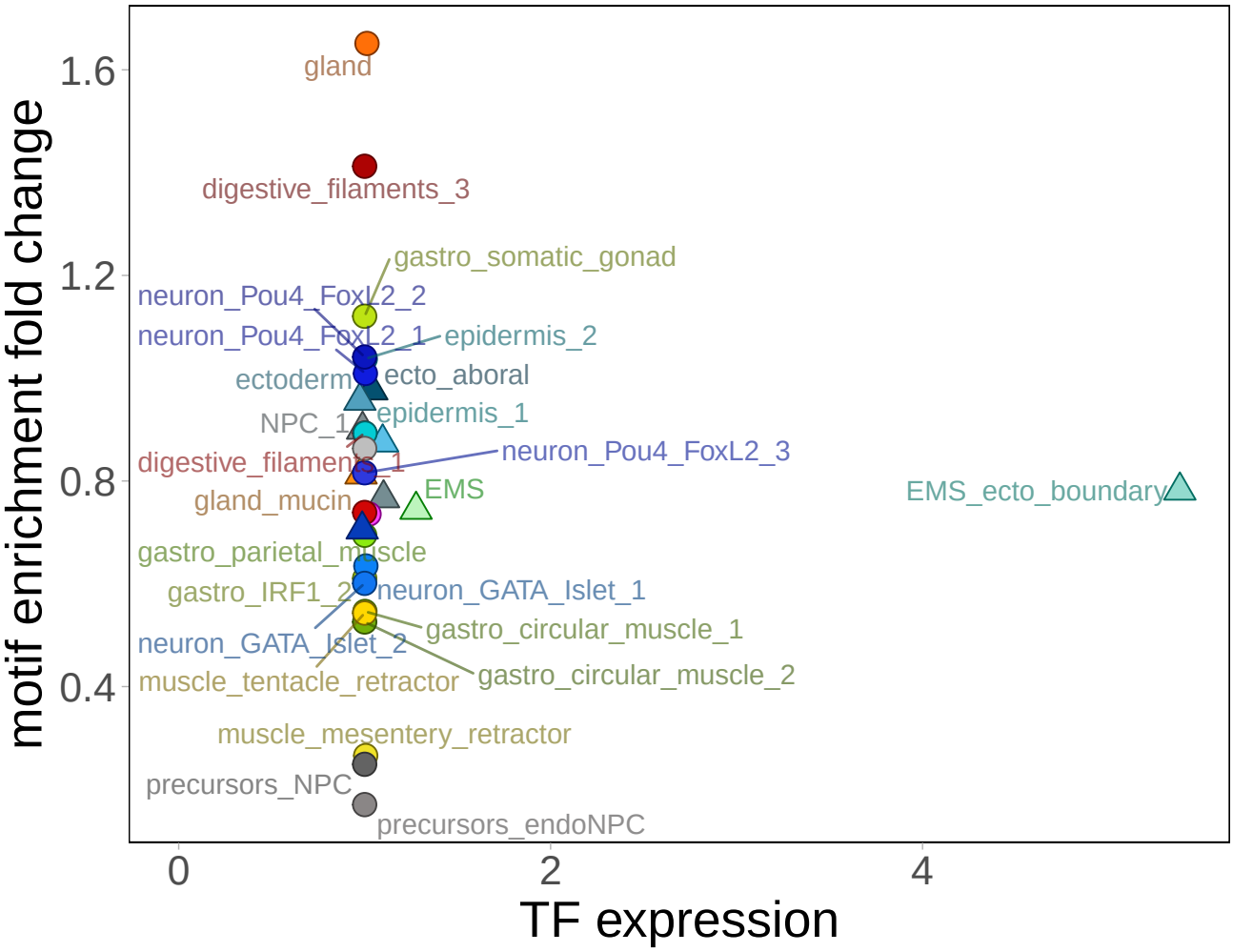
Nvec_v1g241767
OG: bZIP.HG1.3:like:JUN/JUNB/JUND
PFAM: Jun
motif: ARCH364_Creb3l2/Creb3l1_Cre...
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 445
gene expression correlation: 0.2201
gene score correlation: −0.1075



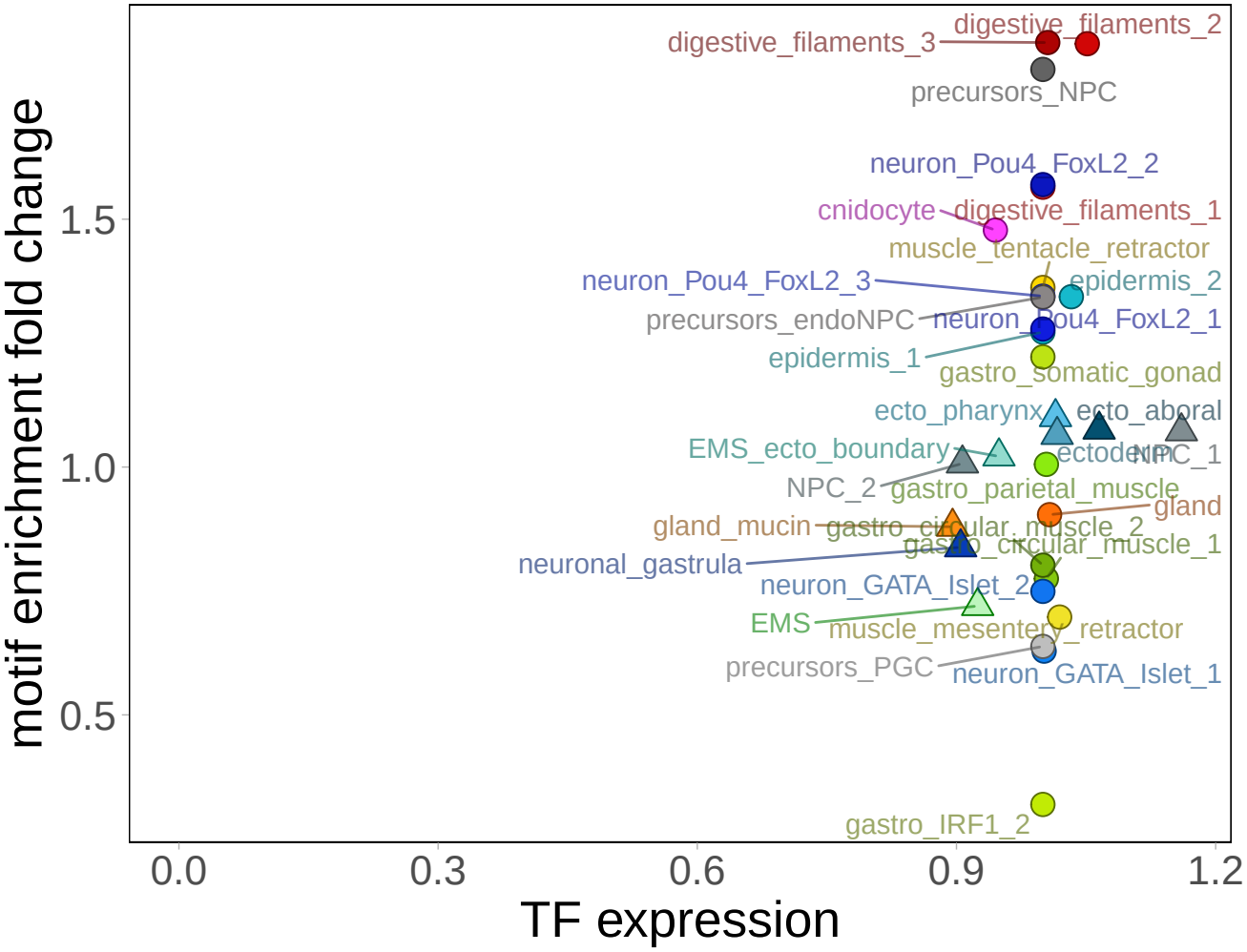
Nvec_v1g93844
OG: zf−C4_Nuclear_receptors.HG1.13:NR4A1
PFAM: zf−C4/Hormone_recep
motif: ARCH1091_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 286
gene expression correlation: 0.0818
gene score correlation: 0.0612



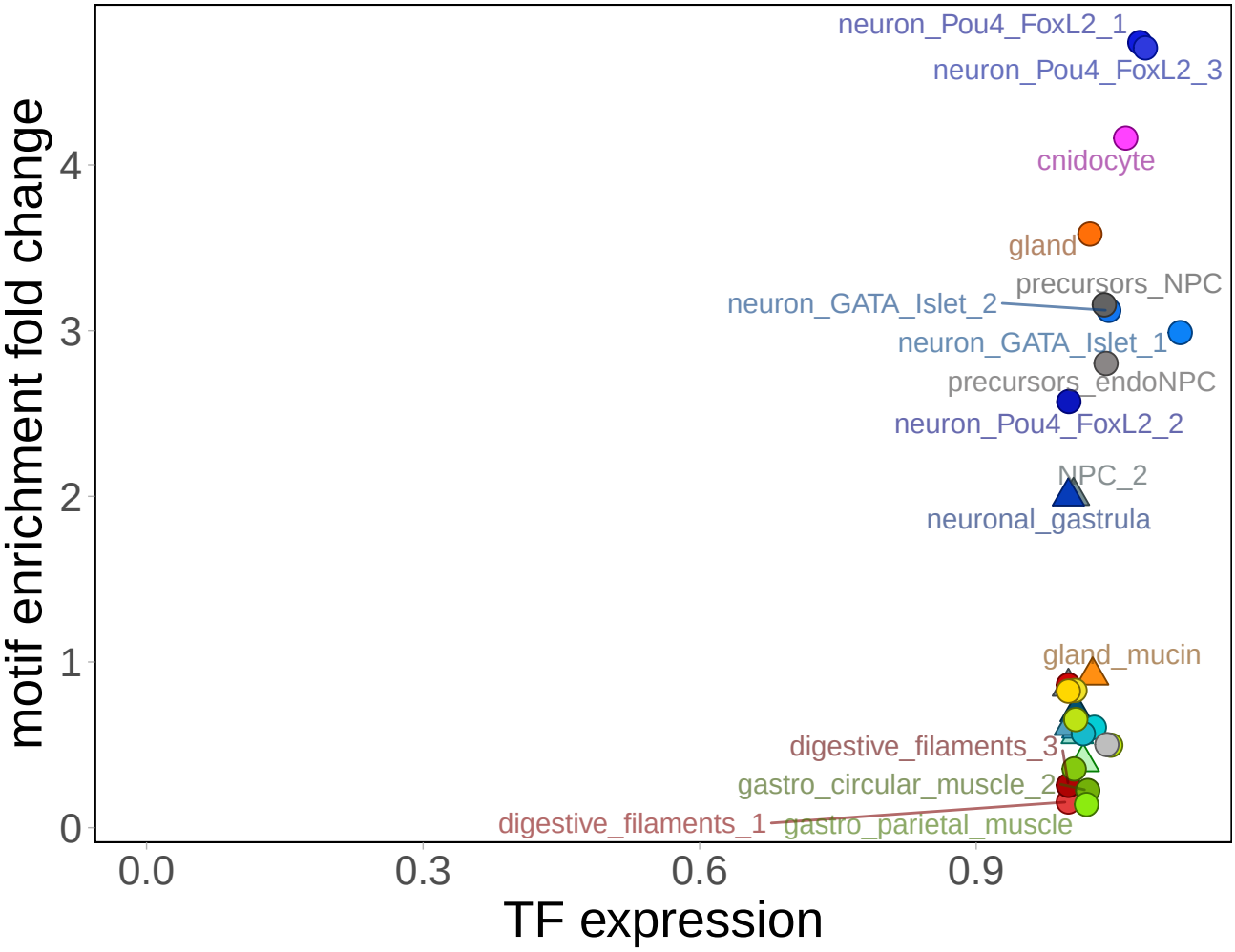
Nvec_vc1.1_XM_001623946.3
OG: Homeodomains.HG2.11:DUX4/DUXA/DU
PFAM: Homeodomain
motif: ARCH18_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 4
gene expression correlation: −0.0066
gene score correlation: 0.2571



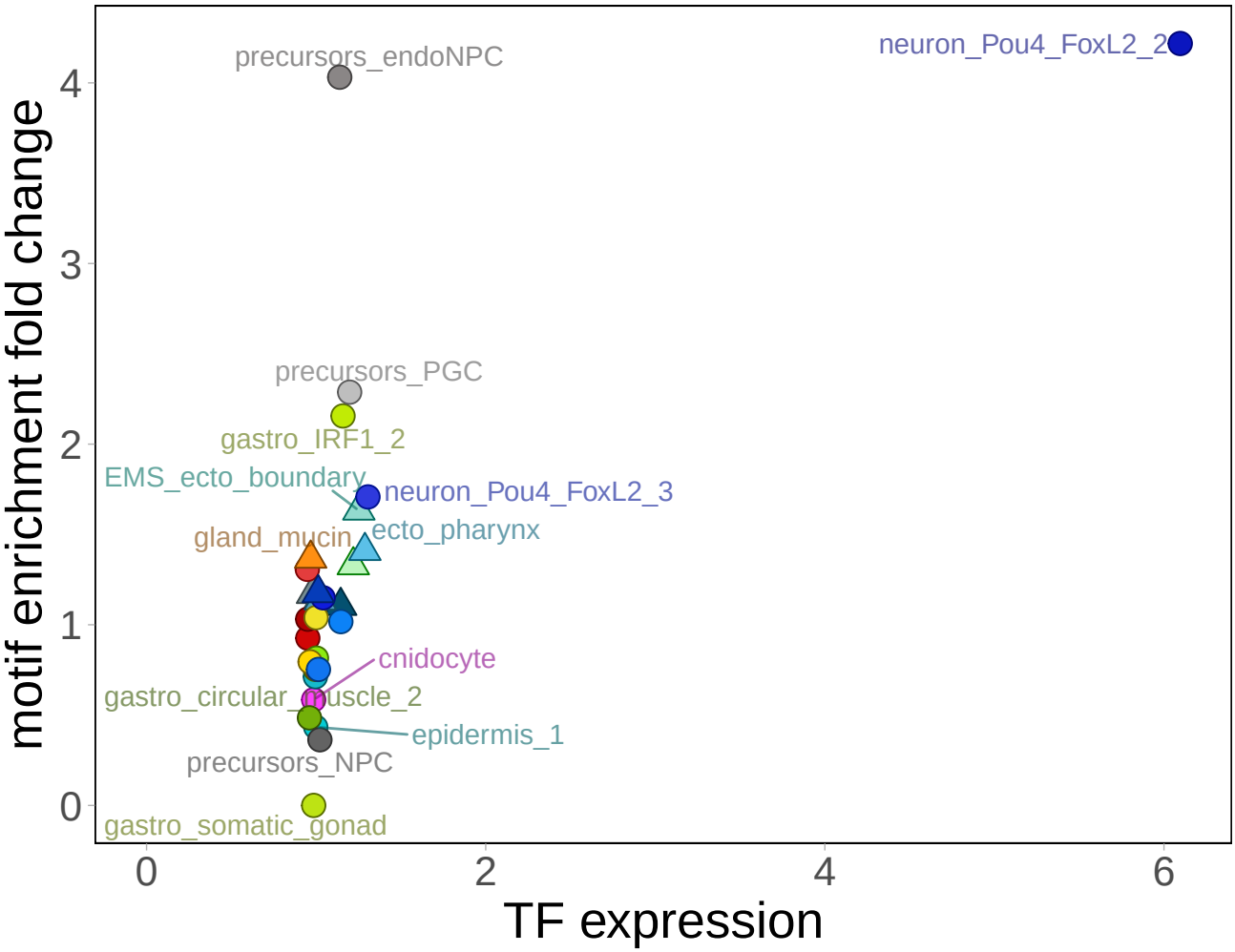
Nvec_vc1.1_XM_001624689.3
OG: Forkhead.HG1.26:FOXM1
PFAM: Forkhead
motif: ARCH968_Foxa3/Foxa1/Foxa2_F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 12
gene expression correlation: 0.1799
gene score correlation: 0.0860



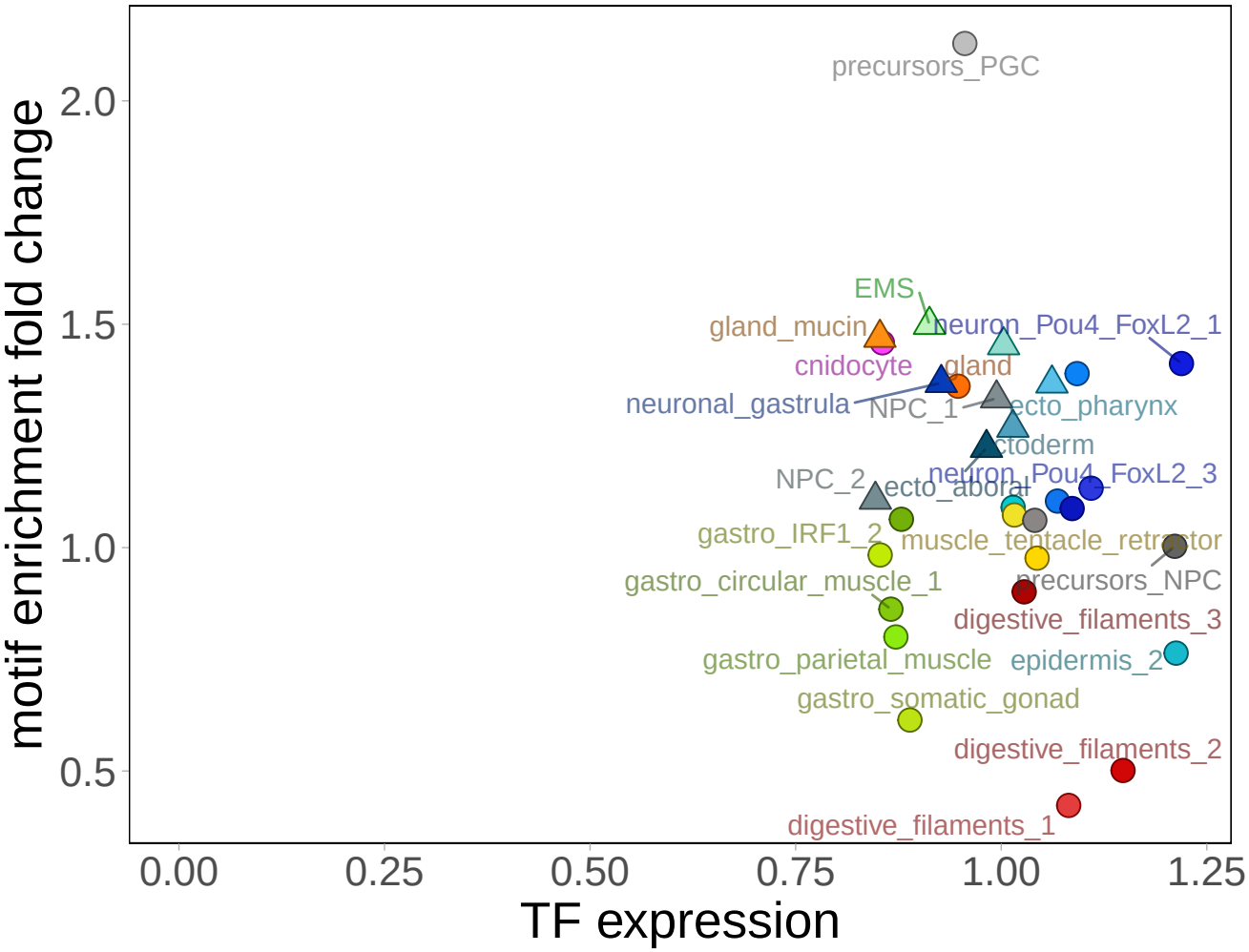
Nvec_vc1.1_XM_001624941.3
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH470_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 893
gene expression correlation: 0.6629
gene score correlation: −0.1675



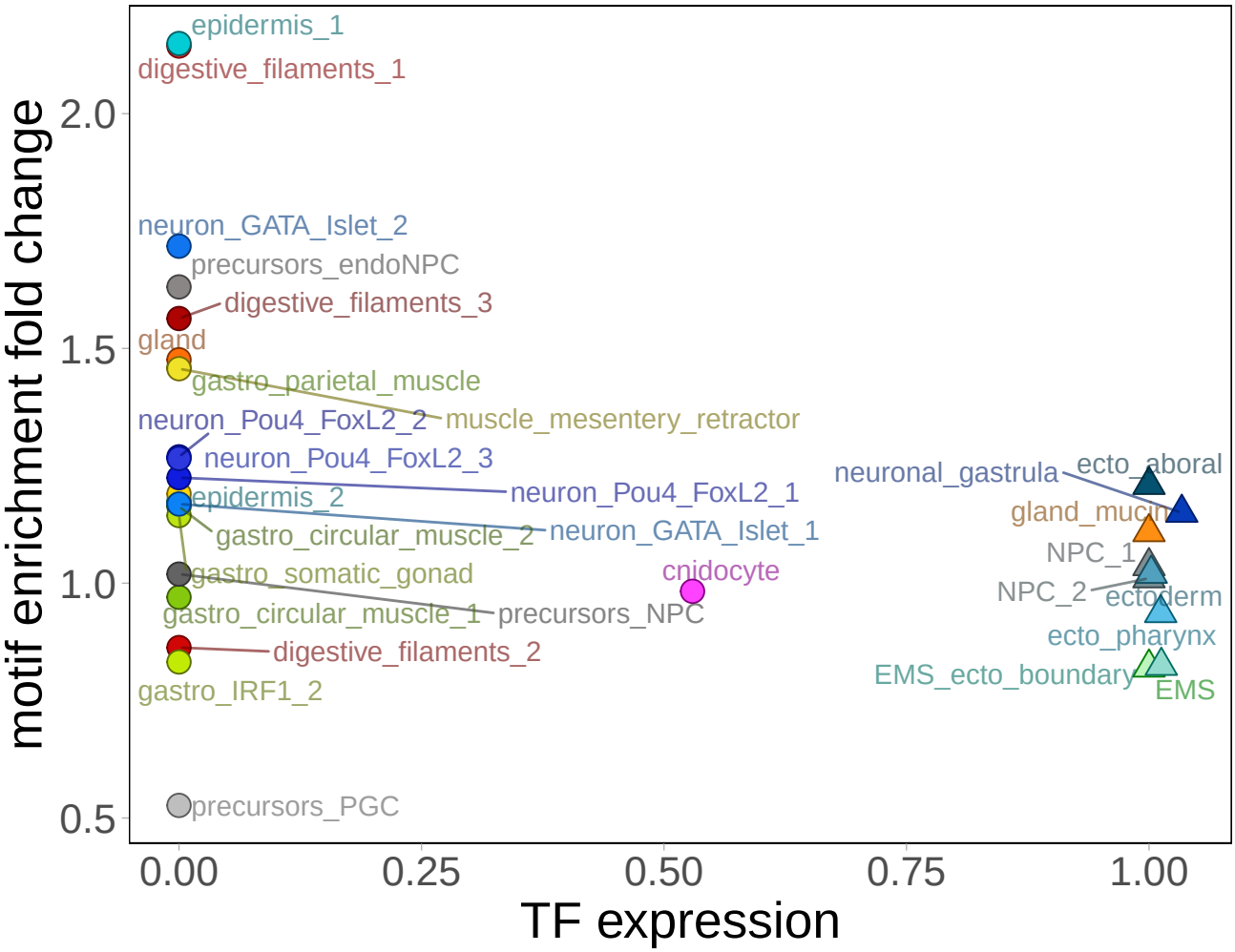
Nvec_vc1.1_XM_001625588.3
OG: Runt_Runx.HG1.0:RUNX1/RUNX2/RUNX
PFAM: Runt
motif: ARCH1267_Runx3/Runx2/Runx1
TF family: Runt_Runx
archetype family: Runt_Runx
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.6523
gene score correlation: 0.7717



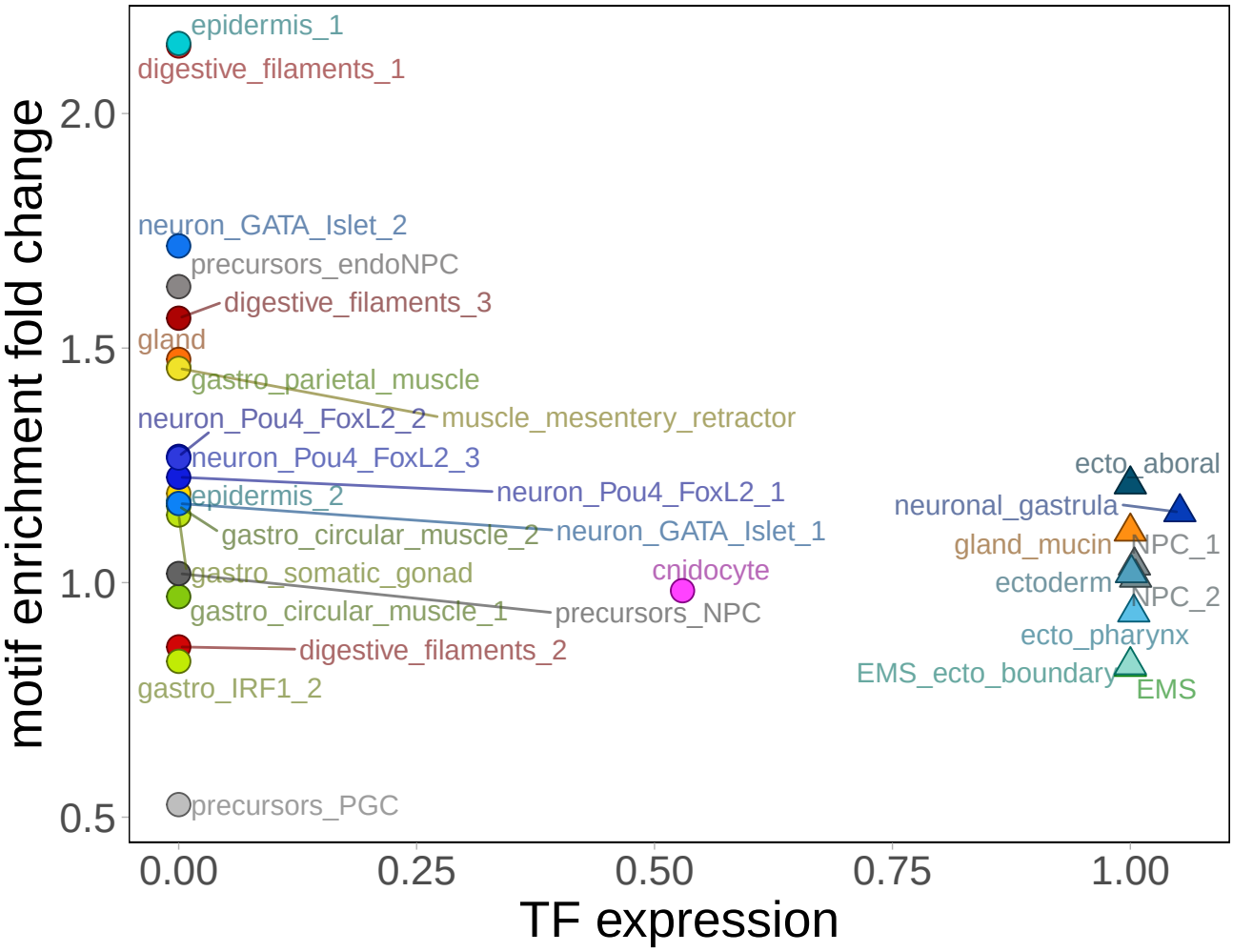
Nvec_vc1.1_XM_001625700.3
OG: NRF1.HG1.2:NRF1
PFAM: Nrf1_DNA−bind/Nrf1_activ_bdg
motif: ARCH913_Nrf1
TF family: NRF1
archetype family: NRF1
CisBP assigned: TRUE
rank: 1517
gene expression correlation: −0.1876
gene score correlation: −0.3384



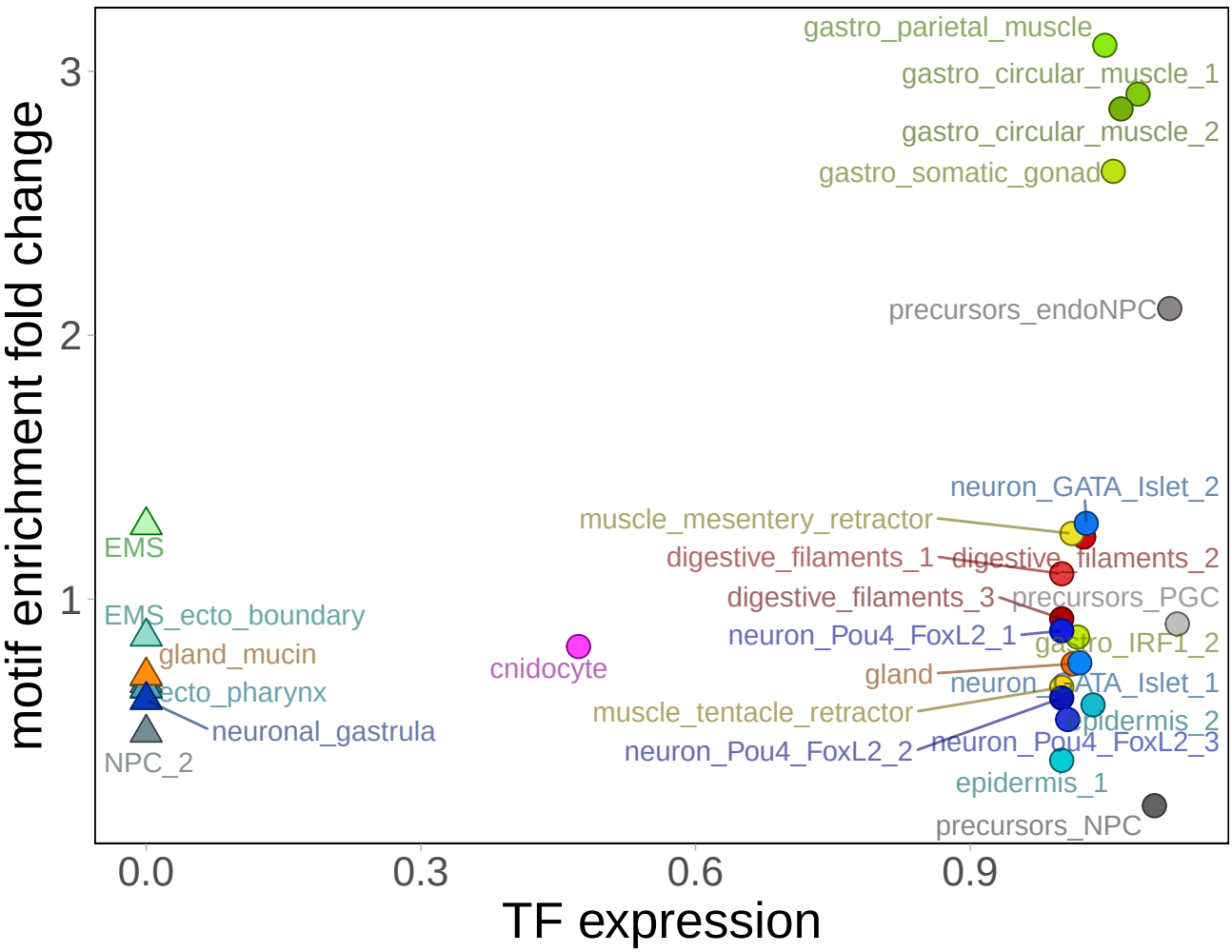
Nvec_vc1.1_XM_001625754.3
OG: Homeodomains.HG2.6:like:AC025287.4/A
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 56
gene expression correlation: −0.3803
gene score correlation: −0.3778



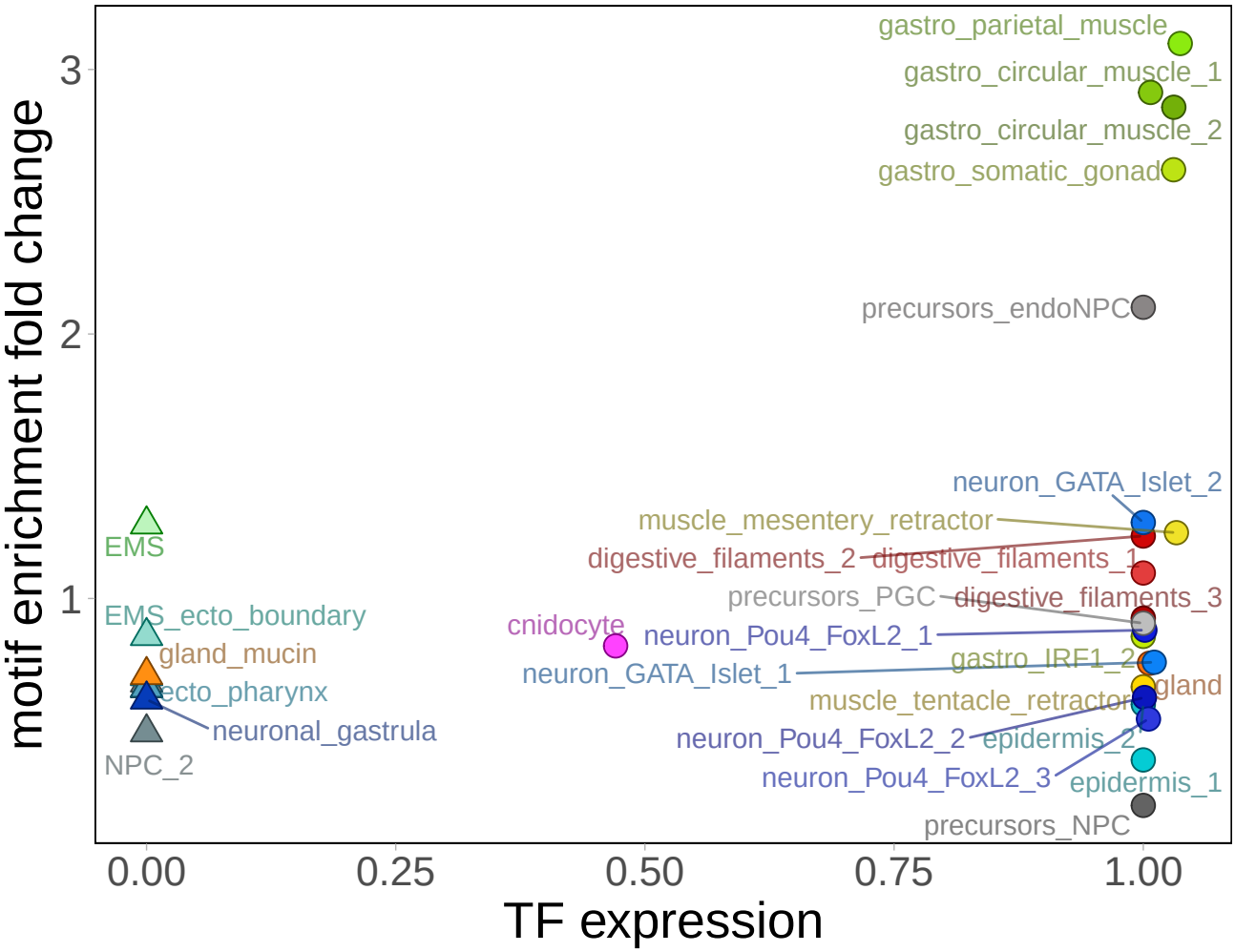
Nvec_vc1.1_XM_001625768.3
OG: Homeodomains.HG1.5:like:AC004080.3/A
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 53
gene expression correlation: −0.3791
gene score correlation: −0.3715



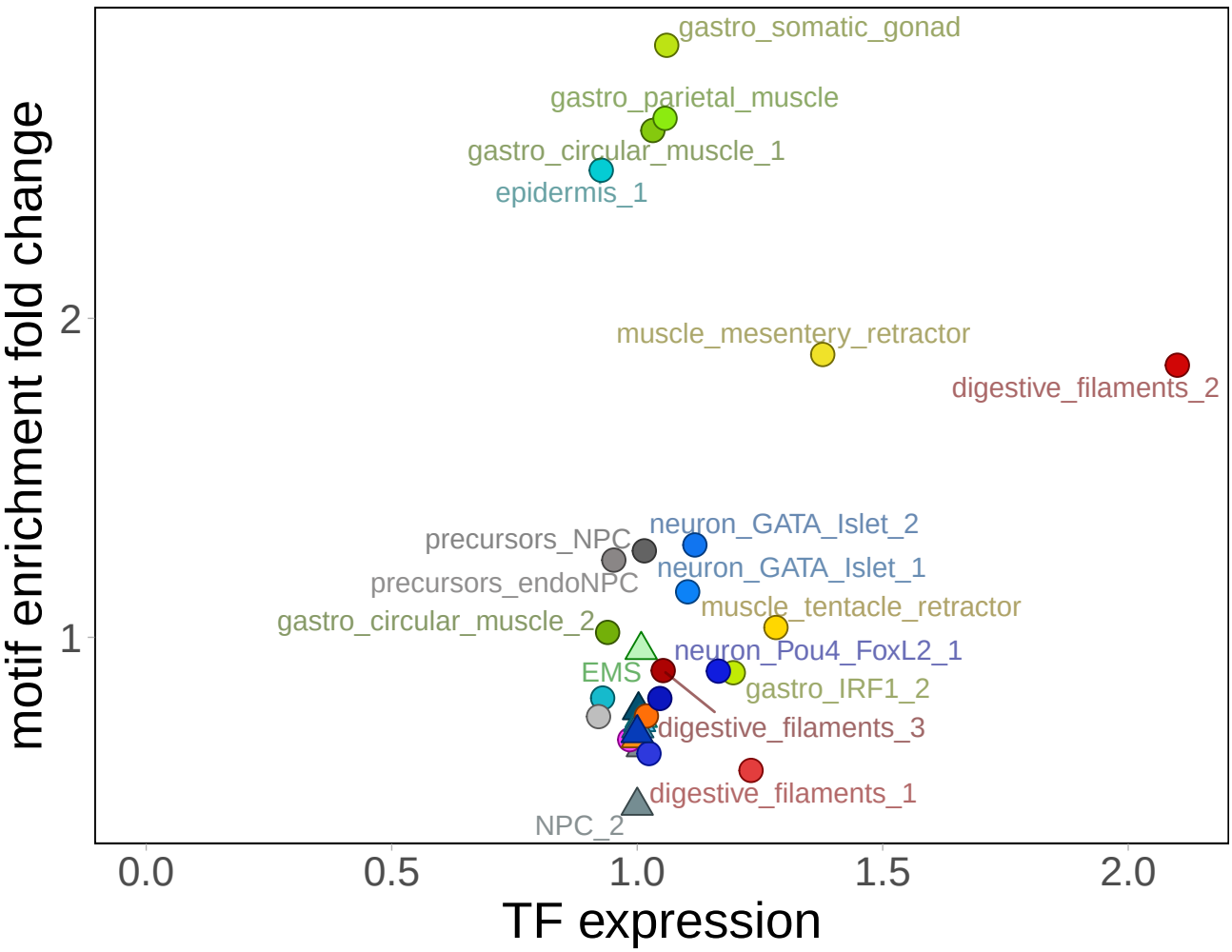
Nvec_vc1.1_XM_001625898.3
OG: Homeodomains.HG1.62:like:MEOX1/MEO
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3408
gene score correlation: 0.7470



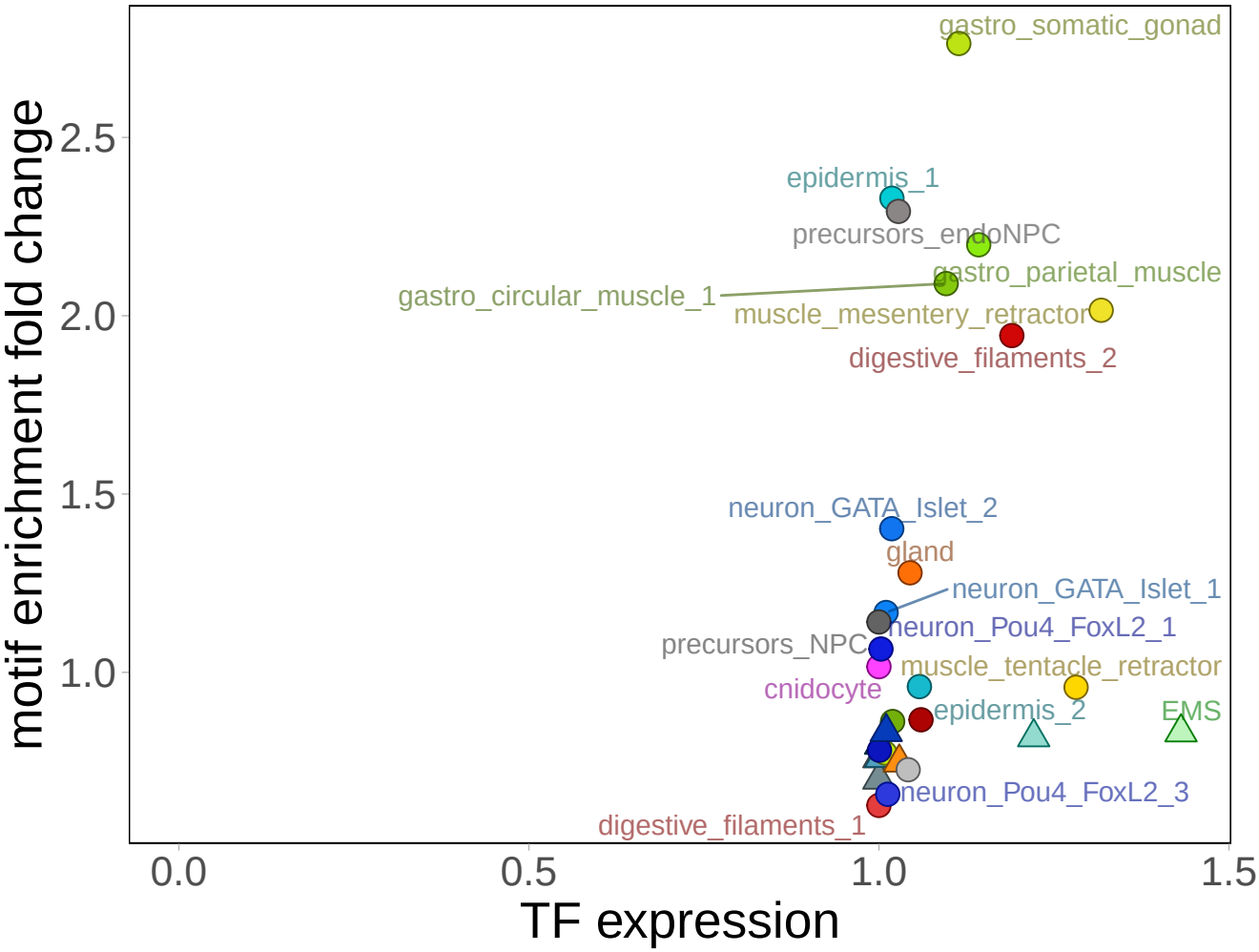
Nvec_vc1.1_XM_001625899.3
OG: Homeodomains.HG1.65:like:MEOX1/MEO
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3288
gene score correlation: 0.8131



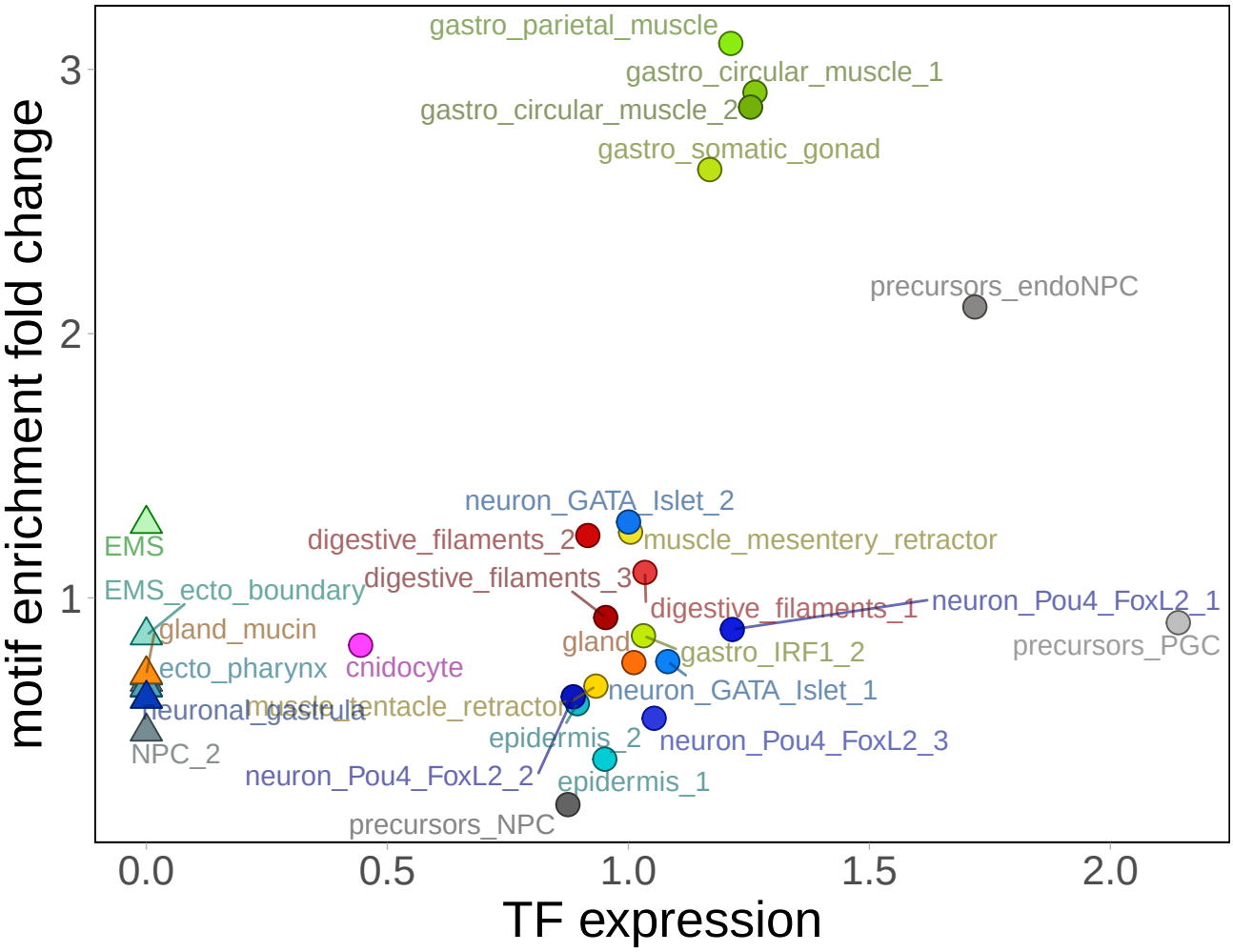
Nvec_vc1.1_XM_001625997.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH1521_Nkx2−2/Nkx2−9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.2242
gene score correlation: 0.6522



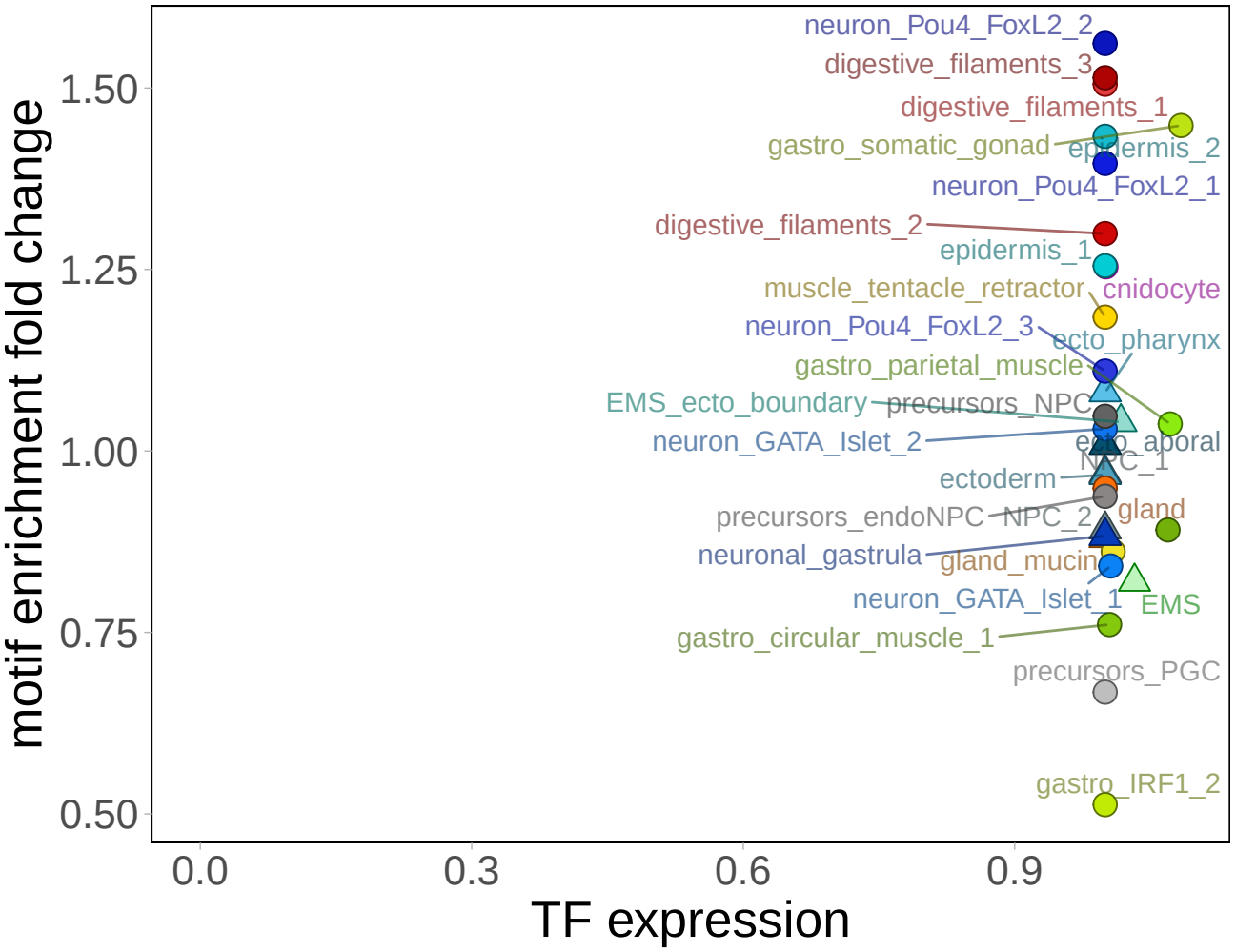
Nvec_vc1.1_XM_001625998.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH167_Nanog
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2397
gene score correlation: 0.5245



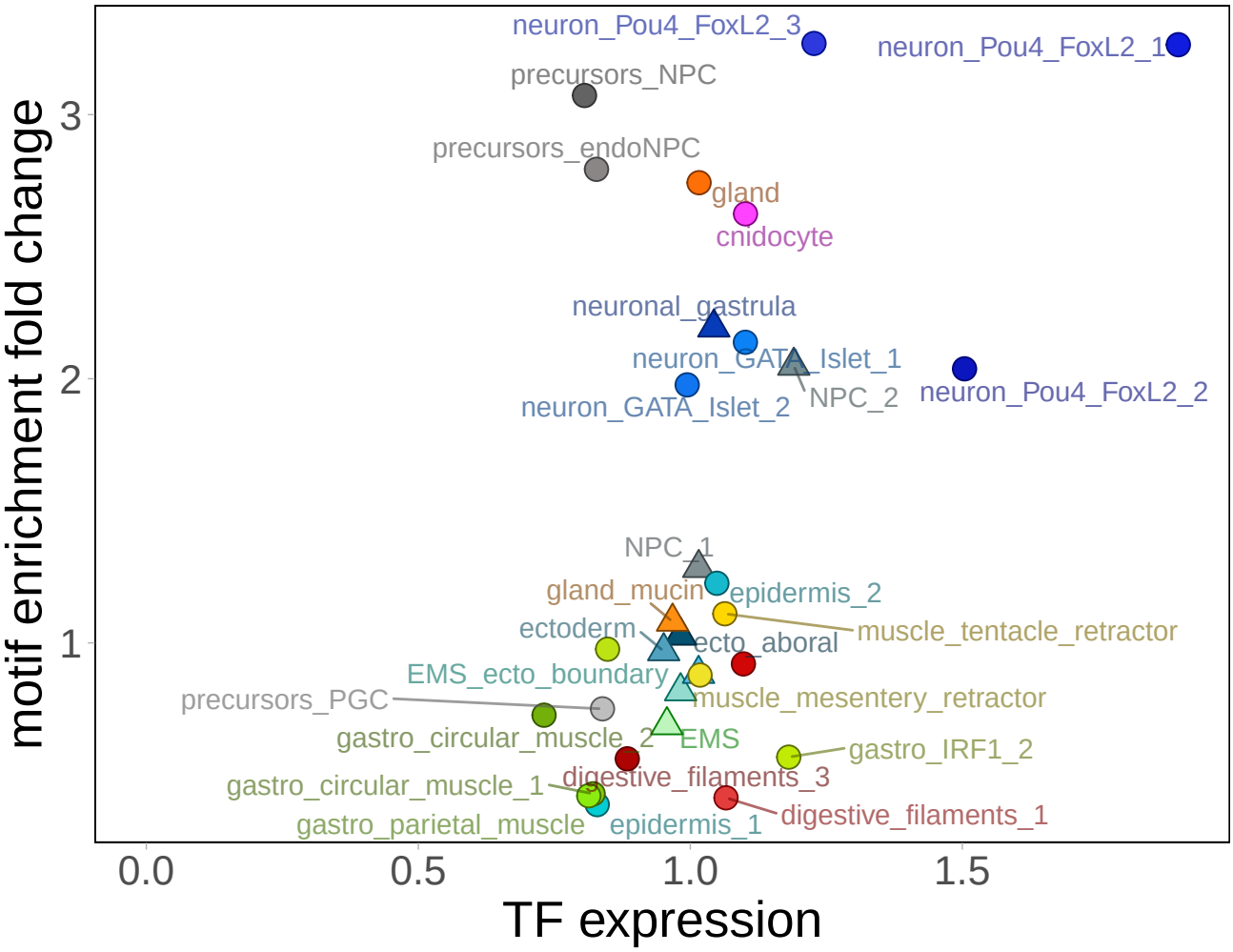
Nvec_vc1.1_XM_001626384.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4222
gene score correlation: 0.8519



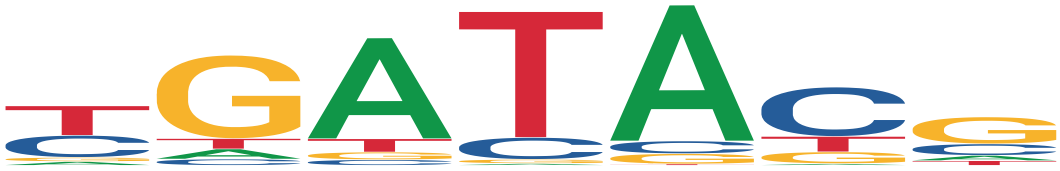
Nvec_vc1.1_XM_001627072.3
OG: Forkhead.HG1.17:like:FOXI1/FOXI2/FOXI
PFAM: Forkhead
motif: ARCH1016_Foxa3/Foxa1/Foxa2_...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 486
gene expression correlation: 0.0277
gene score correlation: −0.0506

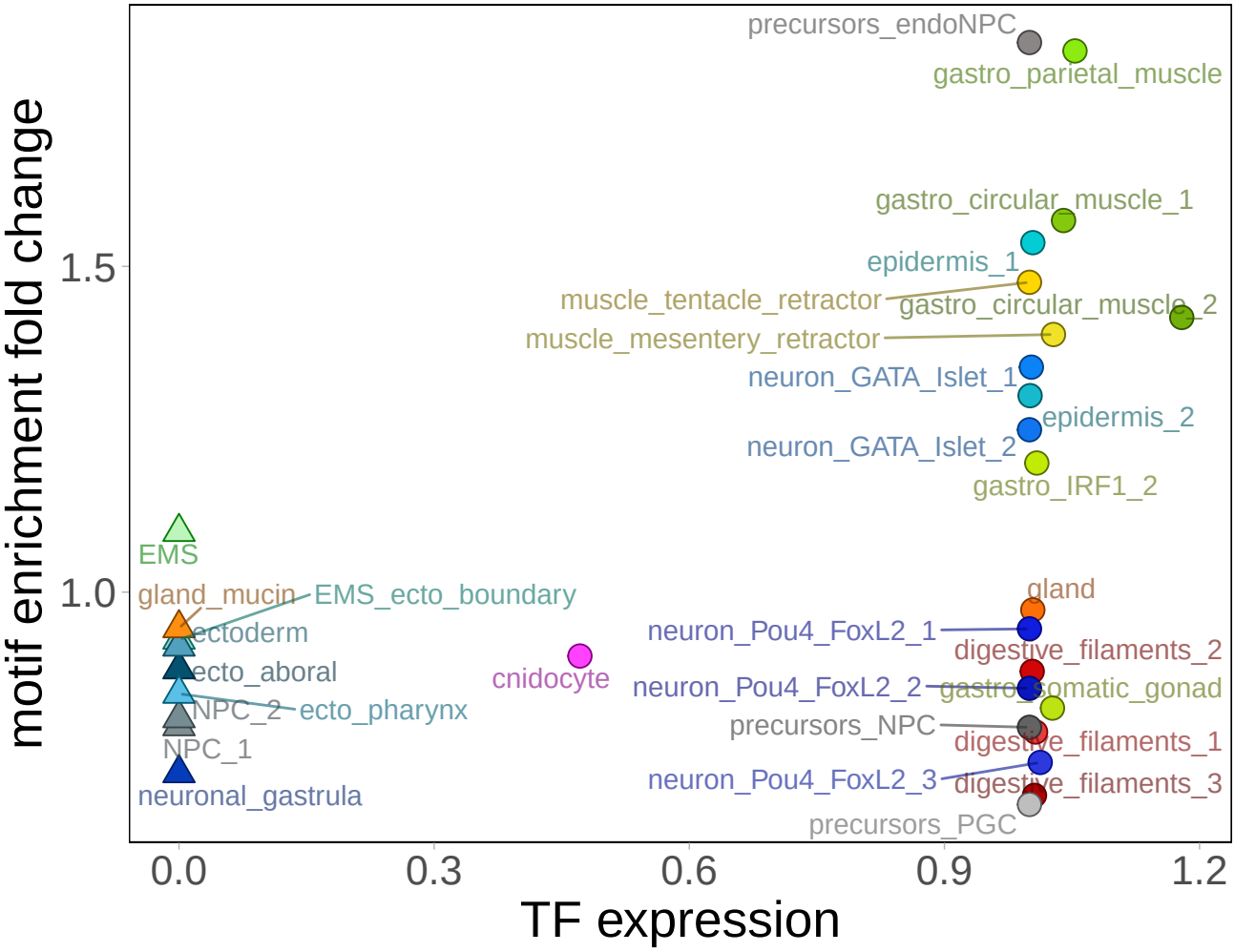


Nvec_vc1.1_XM_001627423.3
OG: HMGbox_Sox.HG1.10:BBX
PFAM: HMG_box
motif: ARCH482_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 18
gene expression correlation: 0.4735
gene score correlation: 0.4394

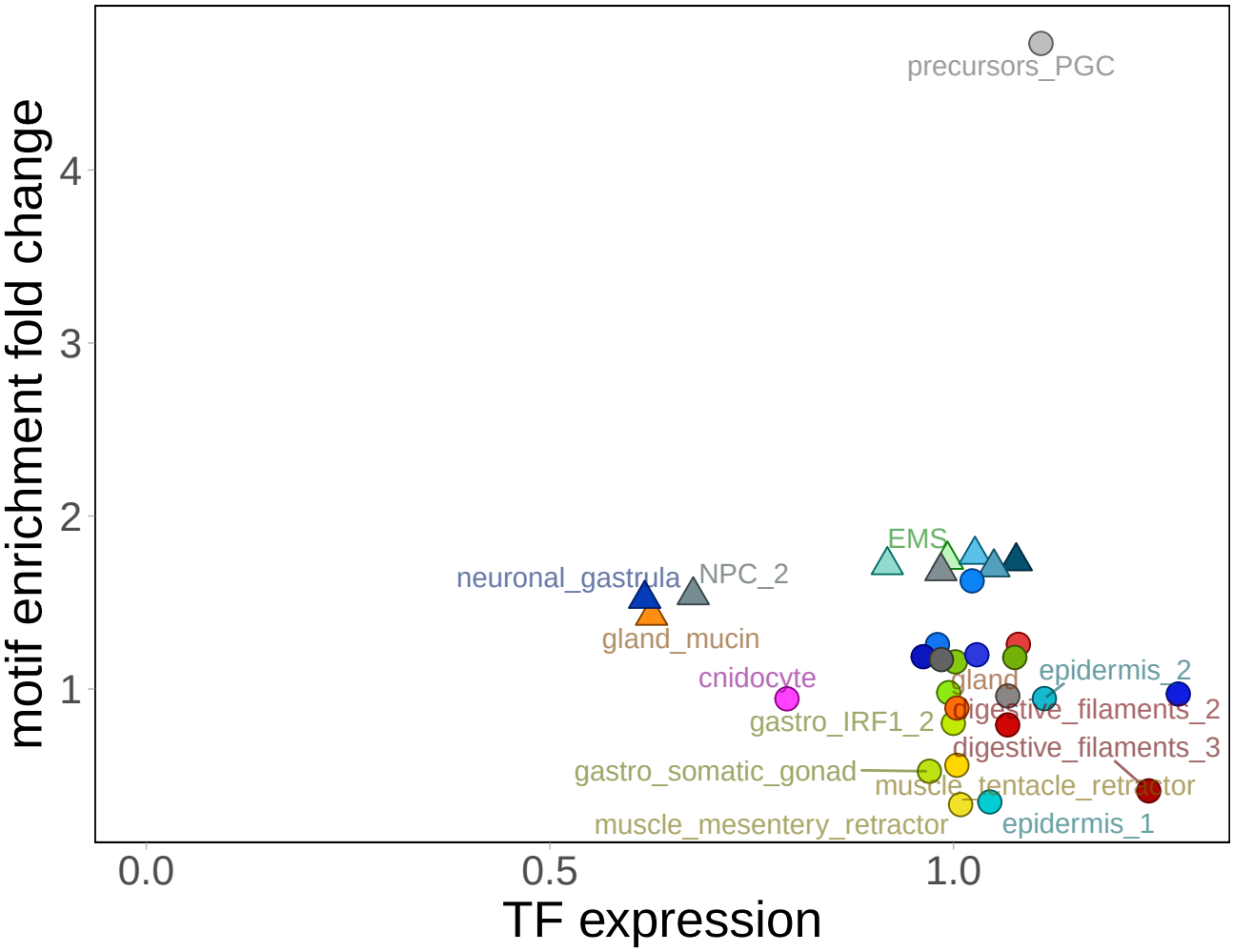


Nvec_vc1.1_XM_001627544.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain
motif: ARCH637_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4013
gene score correlation: 0.5549

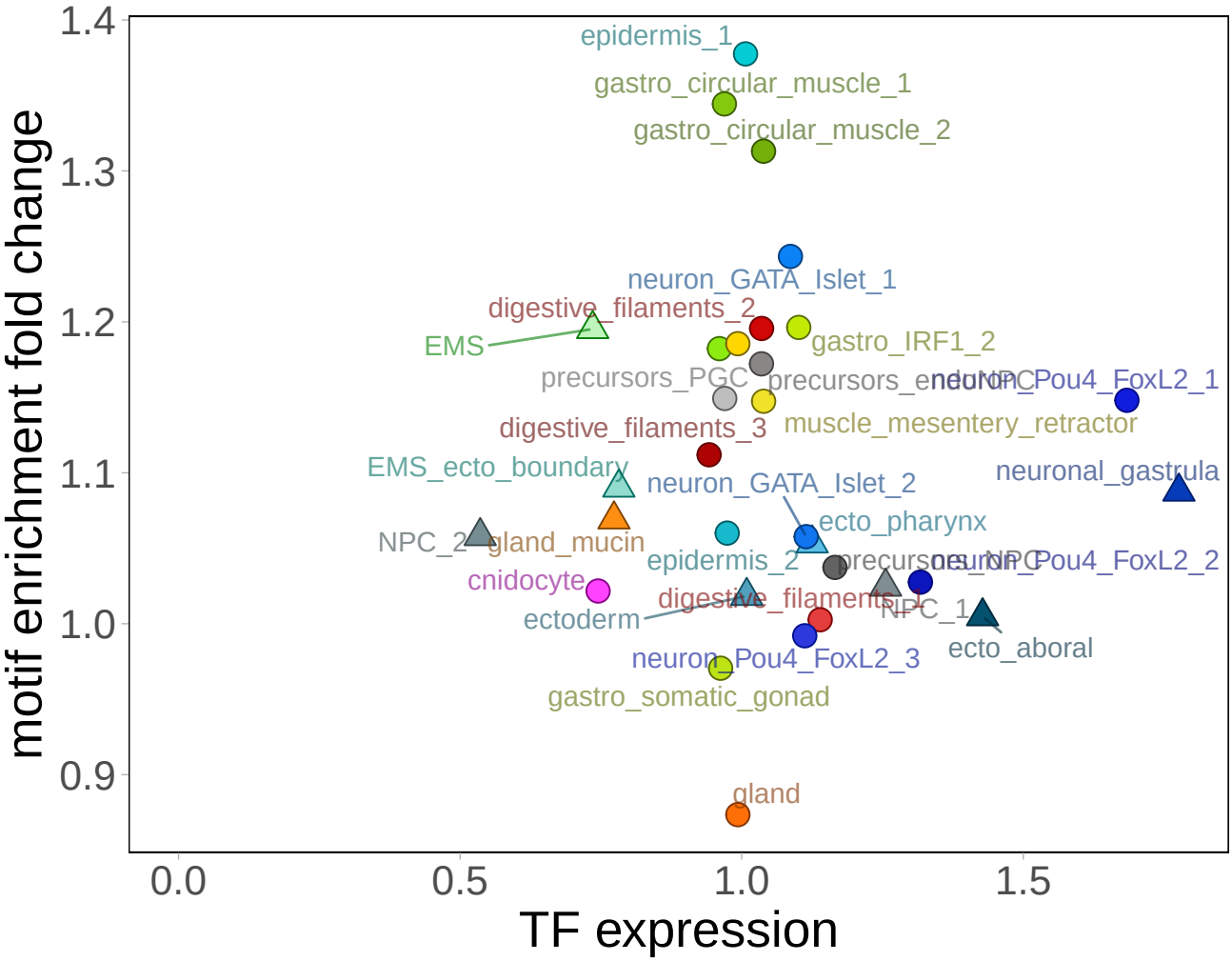




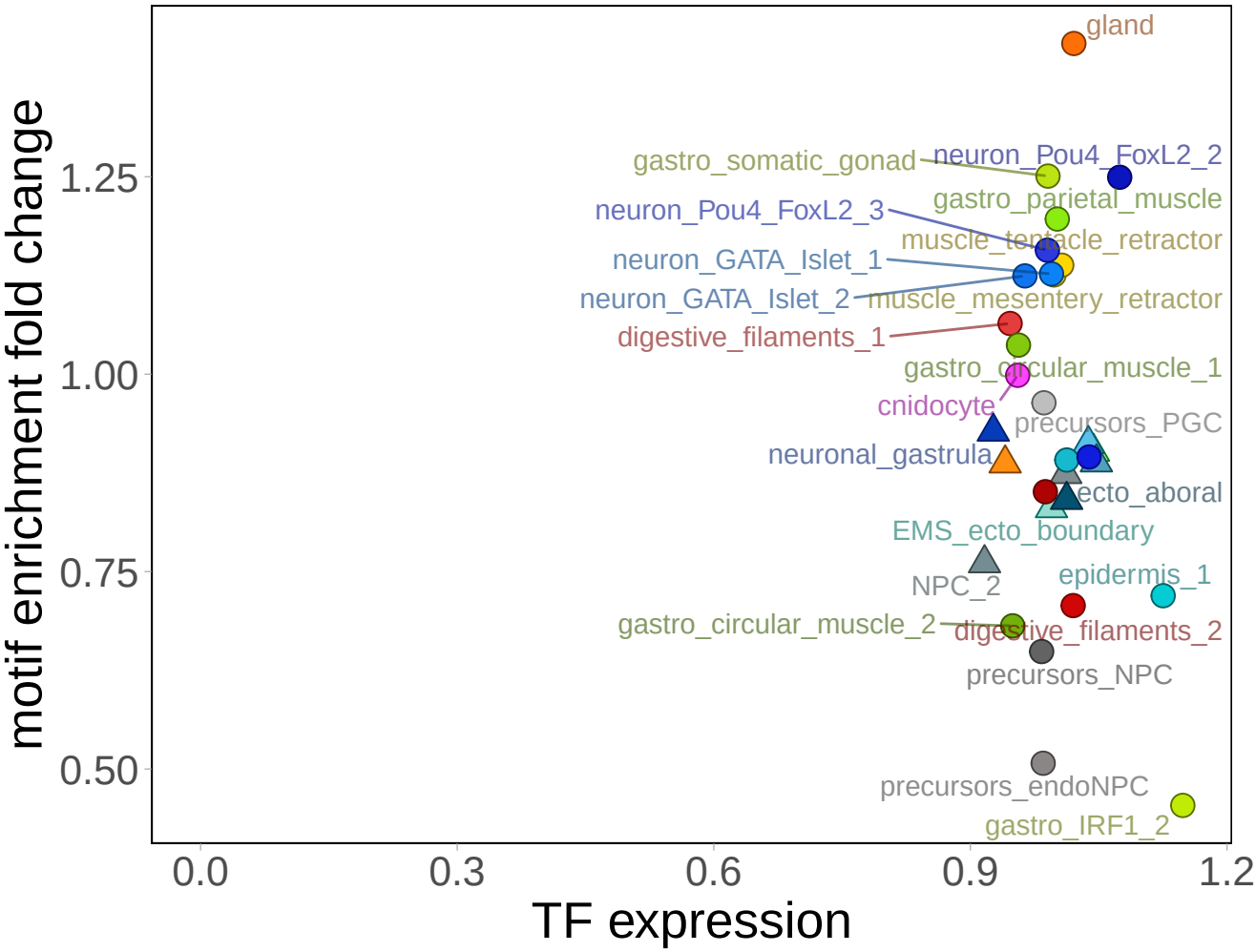
Nvec_vc1.1_XM_001627662.3
OG: E2F_TDP.HG1.3:E2F4/E2F5
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 286
gene expression correlation: −0.0539
gene score correlation: 0.1184



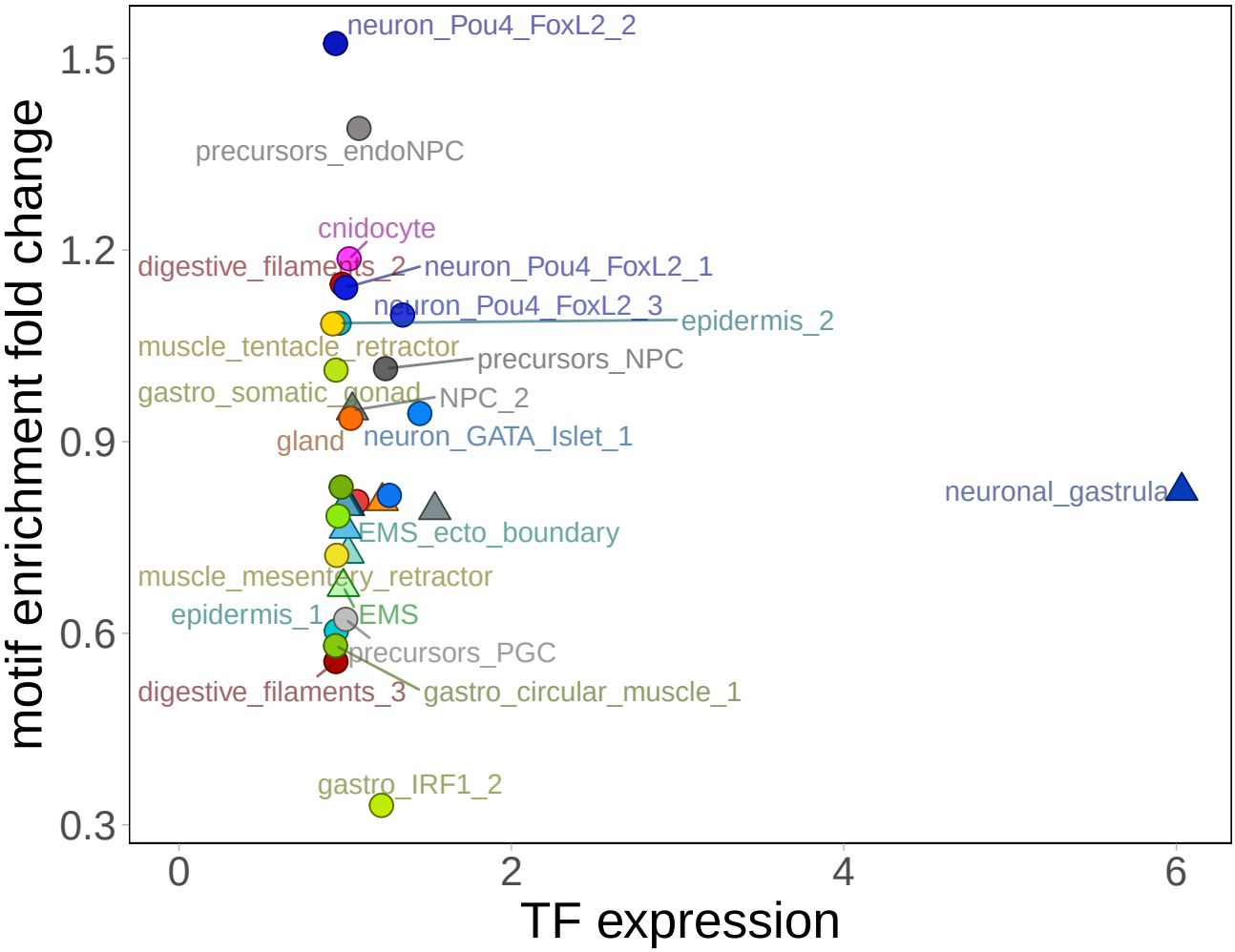
Nvec_vc1.1_XM_001627792.3
OG: Forkhead.HG1.12:FOXN1/FOXN4/FOXR1
PFAM: Forkhead
motif: ARCH954_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 1632
gene expression correlation: −0.0795
gene score correlation: −0.0965



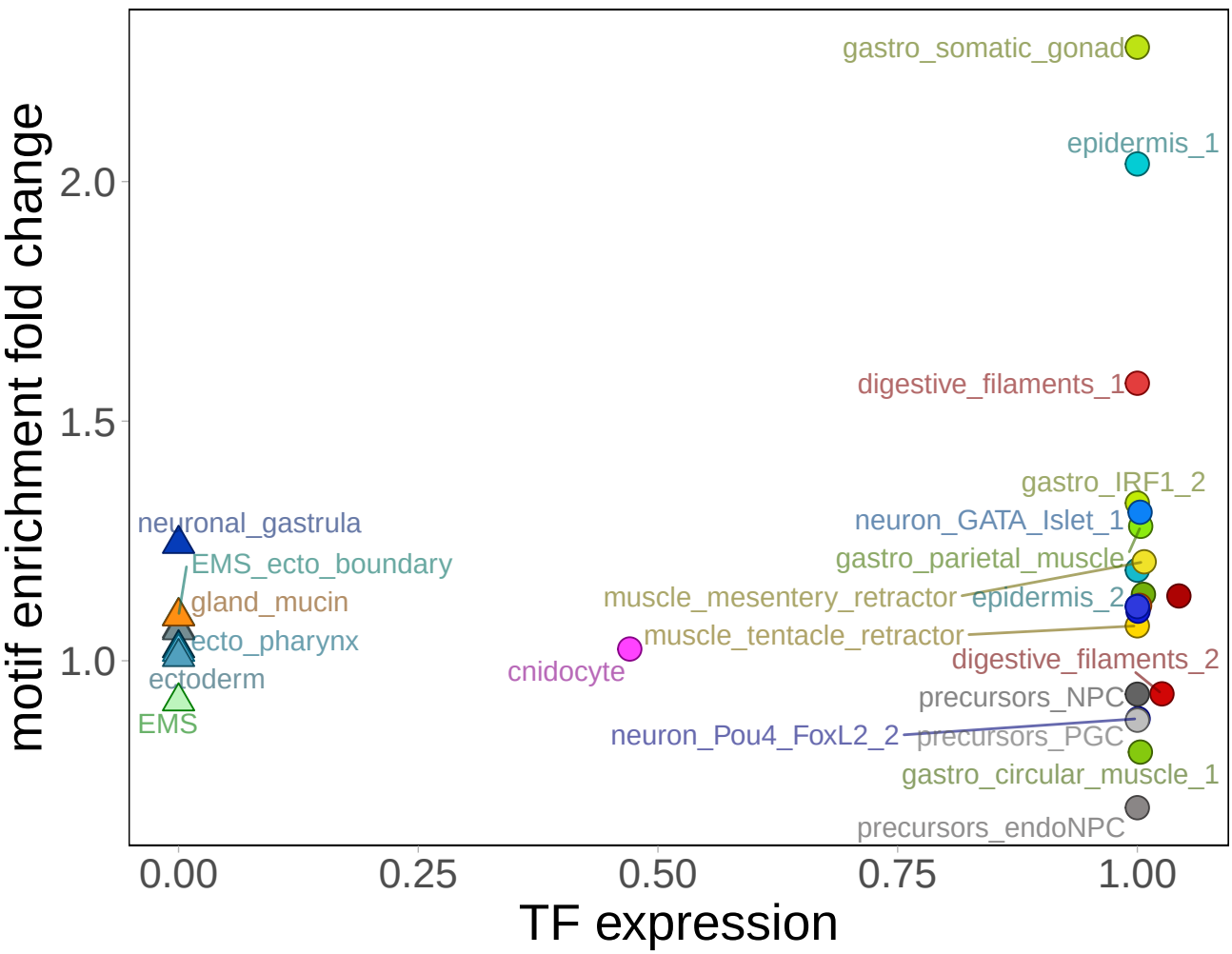
Nvec_vc1.1_XM_001627907.3
OG: zf−C2H2.HG1.8:ZNF18/ZNF513/ZNF784/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 50
gene expression correlation: −0.1785
gene score correlation: 0.1828



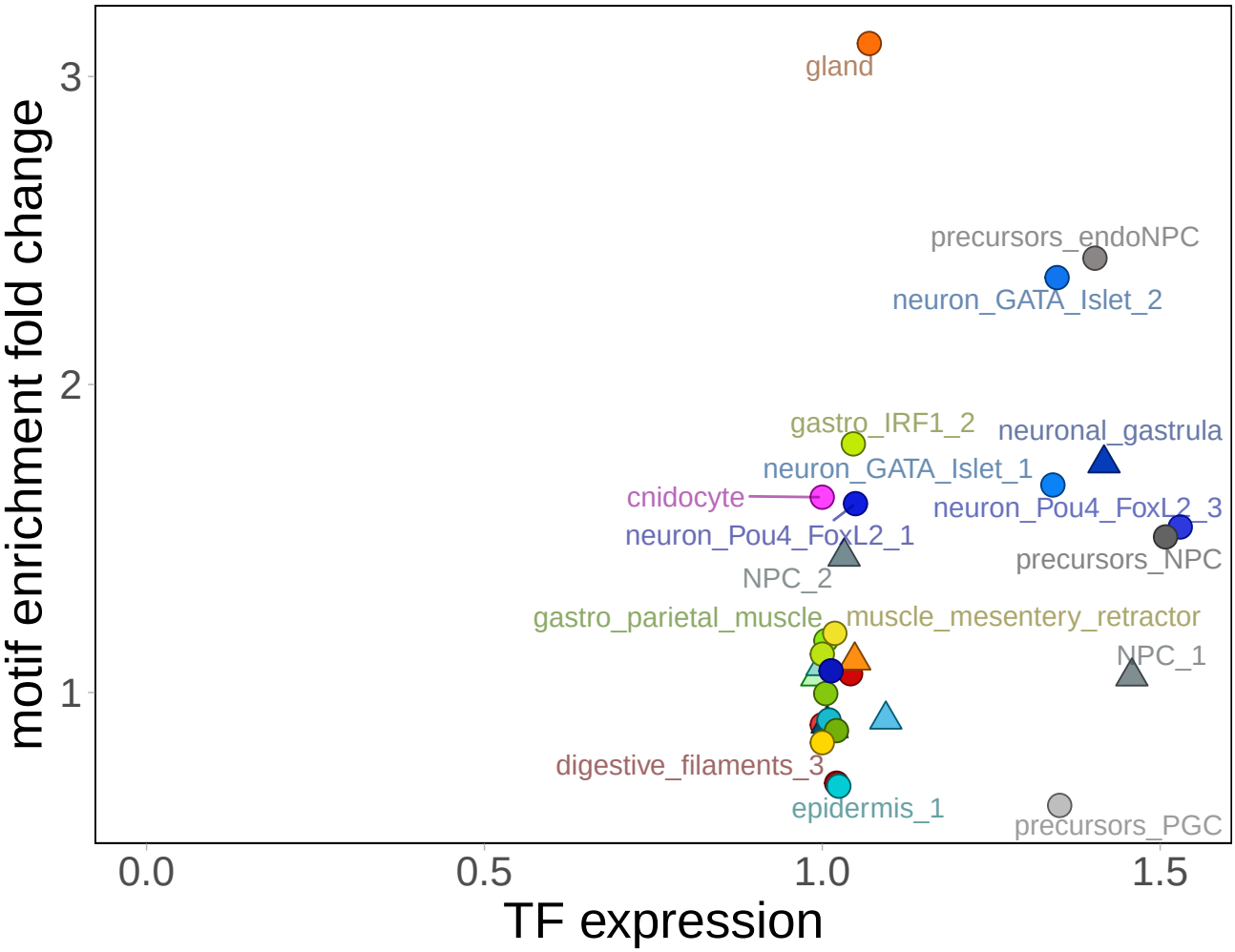
Nvec_vc1.1_XM_001628087.3
OG: Doublesex_DM.HG1.12:DMRTA1/DMRTA
PFAM: DM/DMA
motif: ARCH1070_Dmrtc2_Irx6
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 173
gene expression correlation: −0.0479
gene score correlation: 0.2695



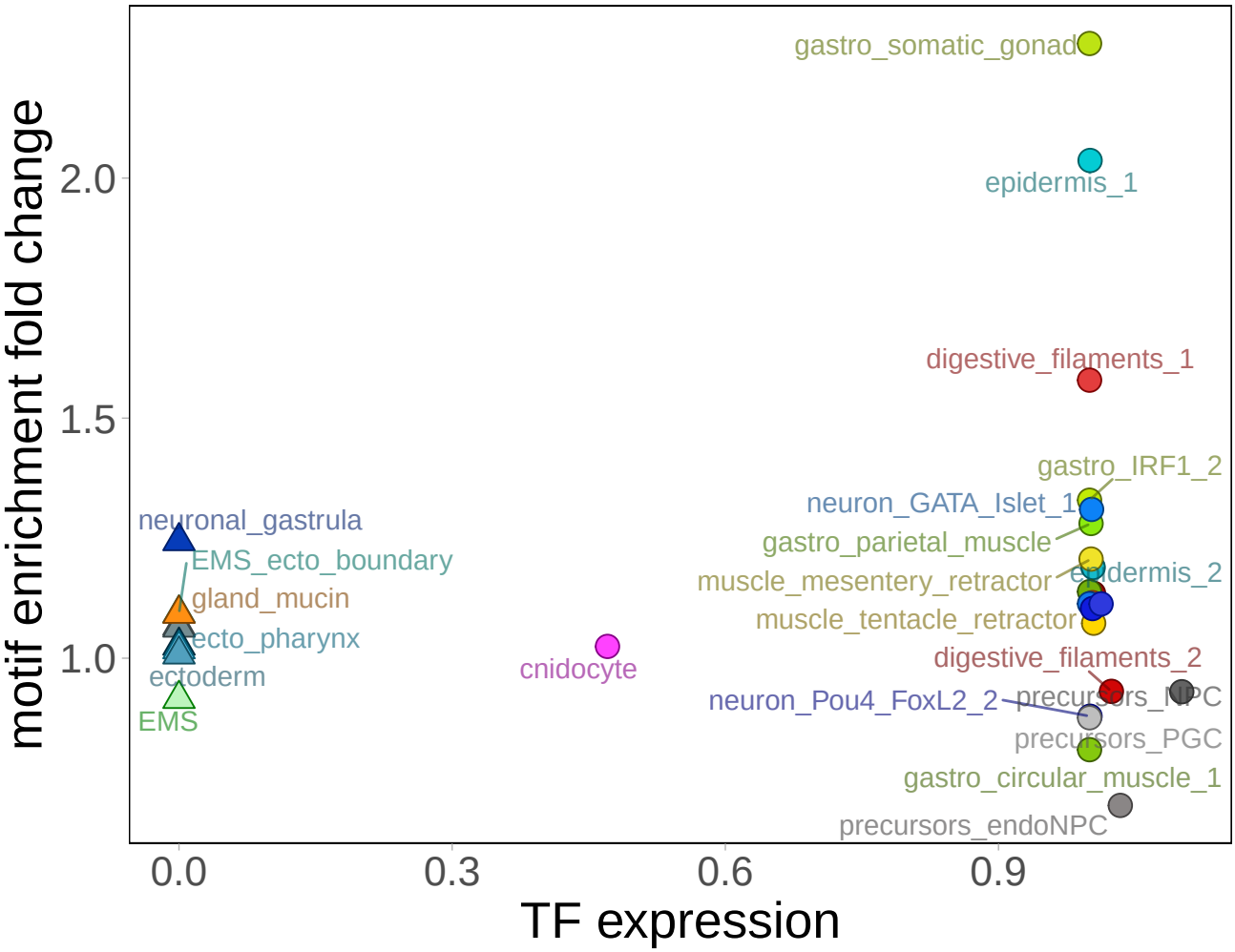
Nvec_vc1.1_XM_001628278.3
OG: HLH.HG1.75:like:ATOH8
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 716
gene expression correlation: 0.2006
gene score correlation: 0.1059



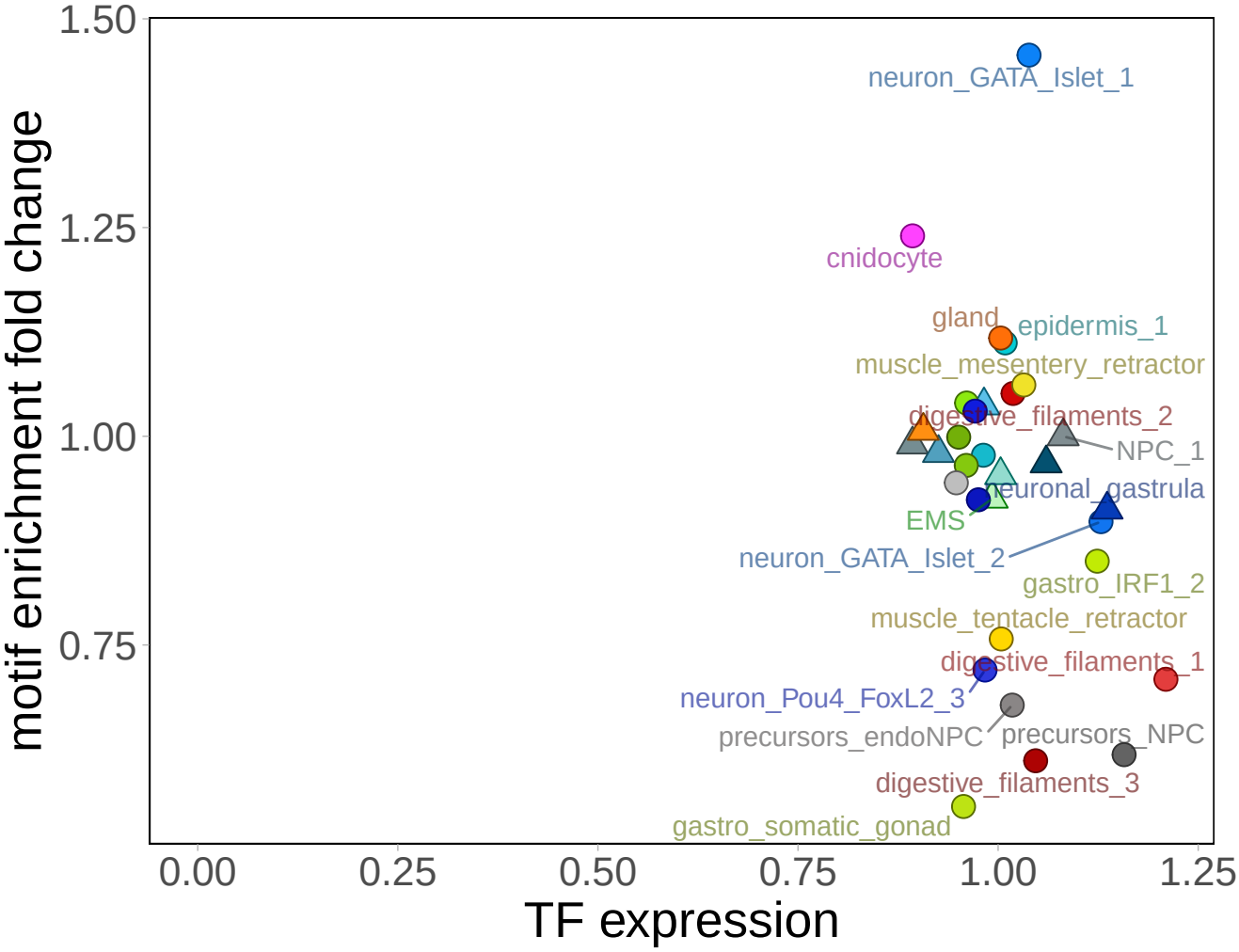
Nvec_vc1.1_XM_001628279.3
OG: HLH.HG1.76:ATOH8
PFAM: HLH
motif: ARCH749_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3639
gene score correlation: 0.5992



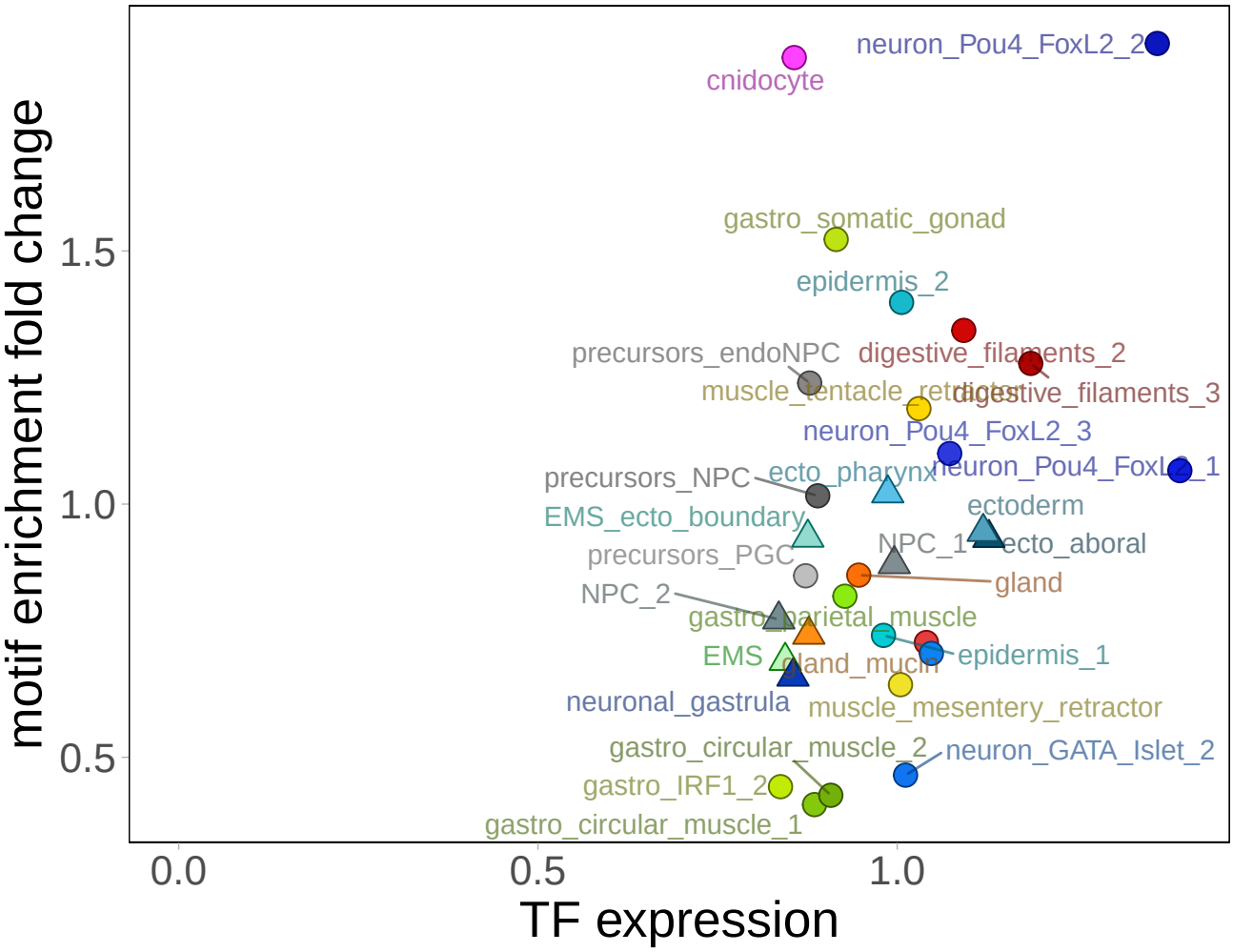
Nvec_vc1.1_XM_001628300.3
OG: HLH.HG1.84:NEUROG1/NEUROG2/NEU
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1334
gene expression correlation: 0.1913
gene score correlation: −0.2735



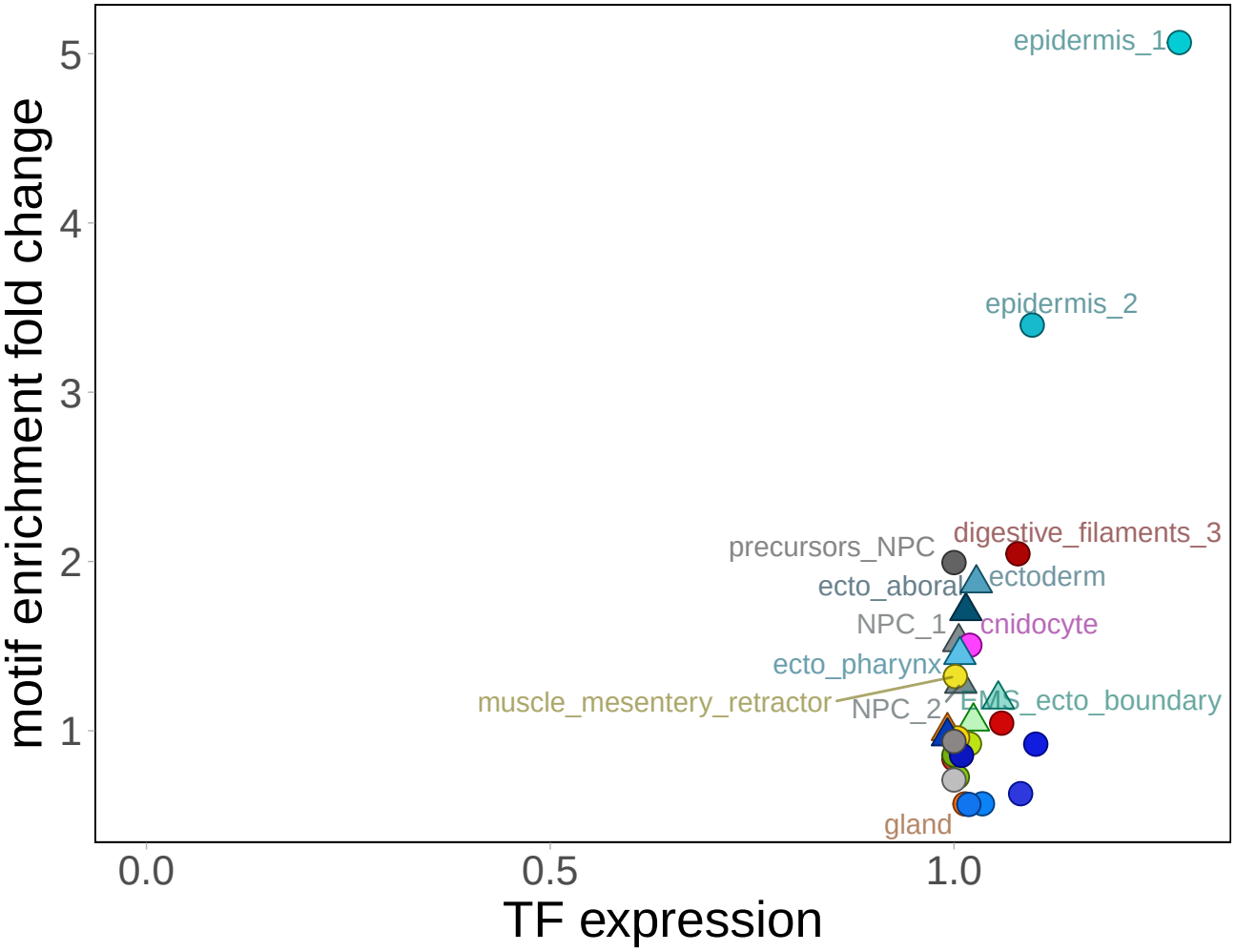
Nvec_vc1.1_XM_001628318.3
OG: Myb.HG2.2:NA
PFAM: MADF_DNA_bdg
motif: ARCH1132_M06398_2.00
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 172
gene expression correlation: −0.3283
gene score correlation: −0.2681



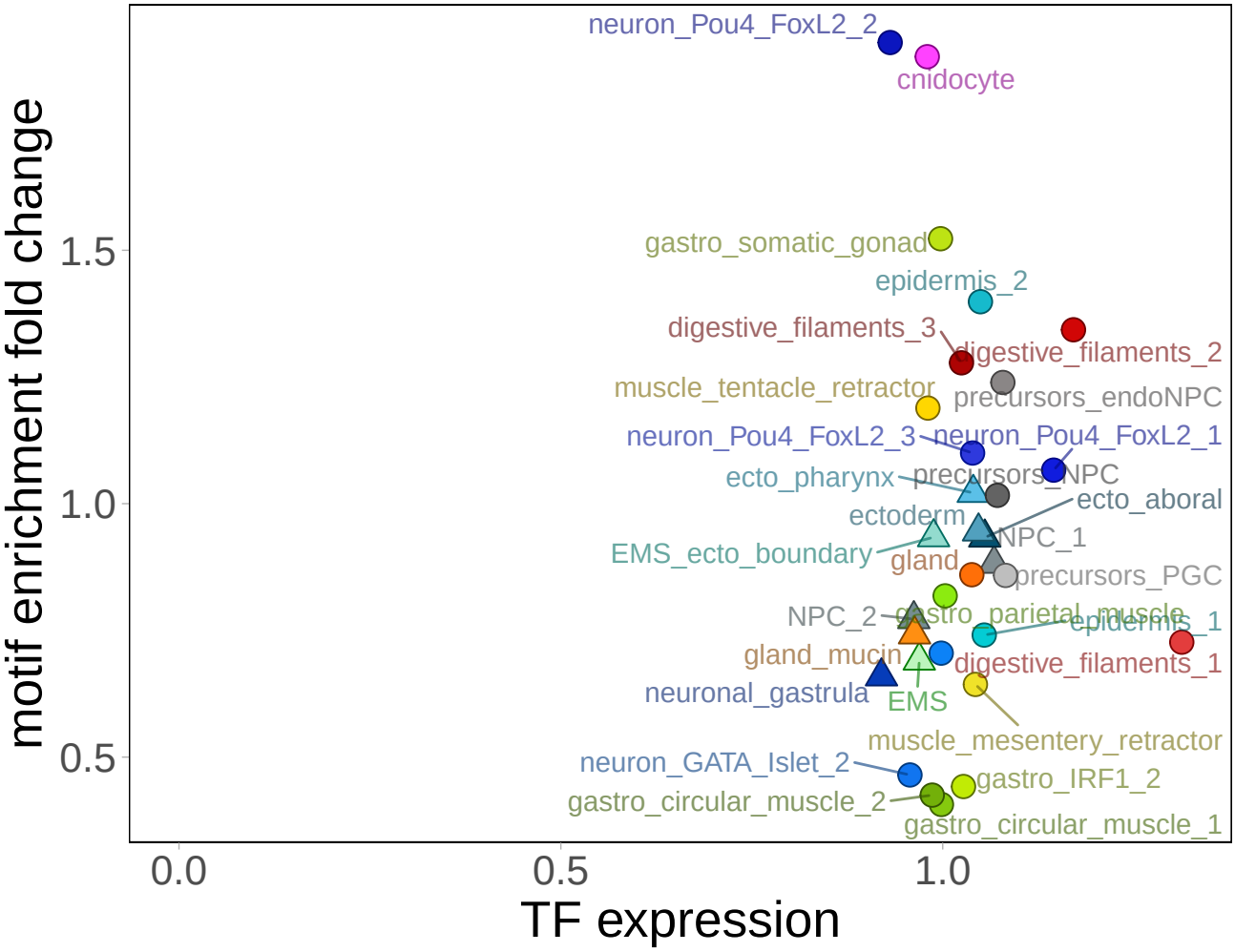
Nvec_vc1.1_XM_001628319.3
OG: Forkhead.HG1.25:FOXJ2/FOXJ3
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 1560
gene expression correlation: 0.3852
gene score correlation: −0.2827



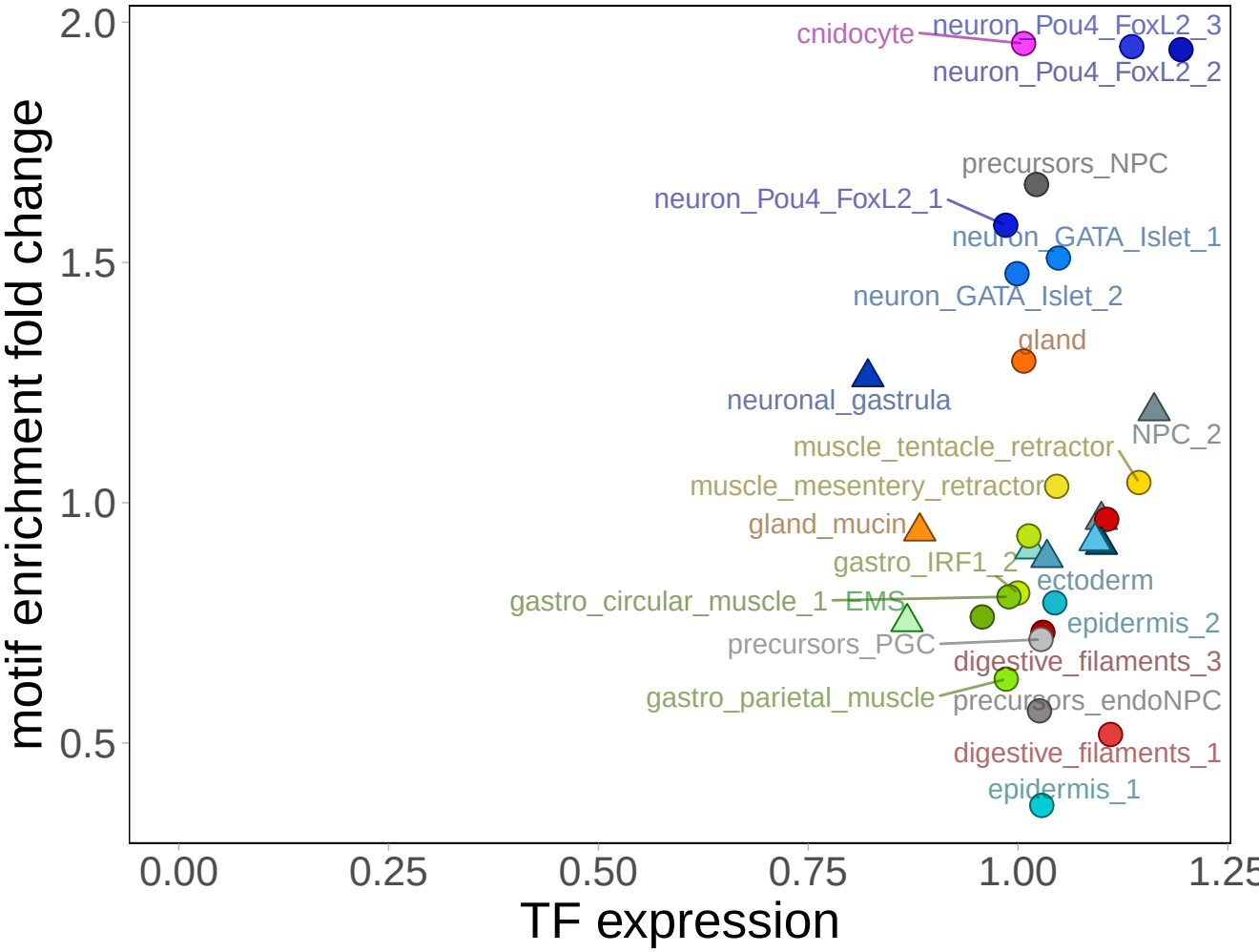
Nvec_vc1.1_XM_001628634.3
OG: Homeodomains.HG2.28:PAX3/PAX7
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.7674
gene score correlation: 0.7986



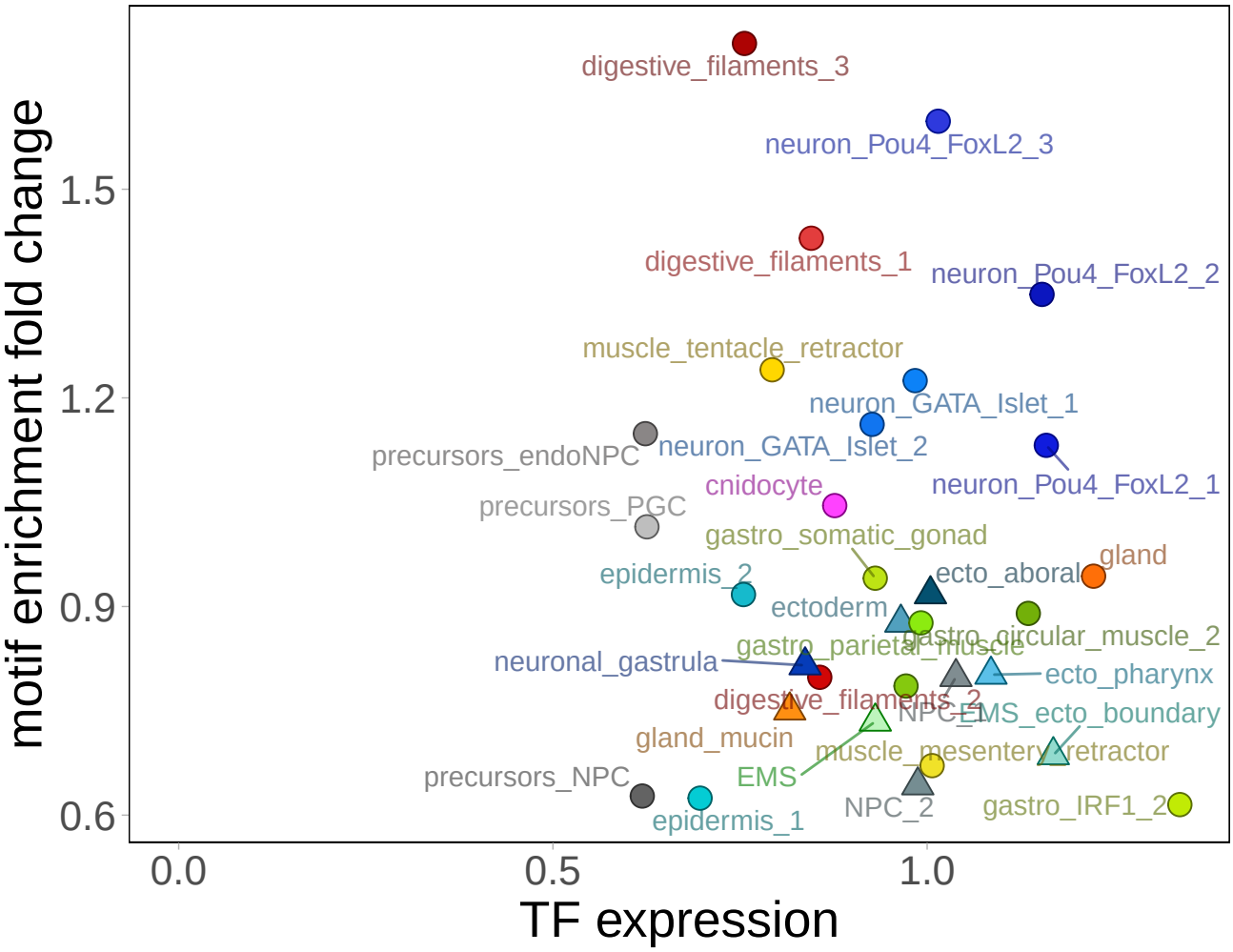
Nvec_vc1.1_XM_001628964.3
OG: Forkhead.HG1.23:FOXK1/FOXK2
PFAM: FHA/Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 115
gene expression correlation: 0.0048
gene score correlation: 0.0088



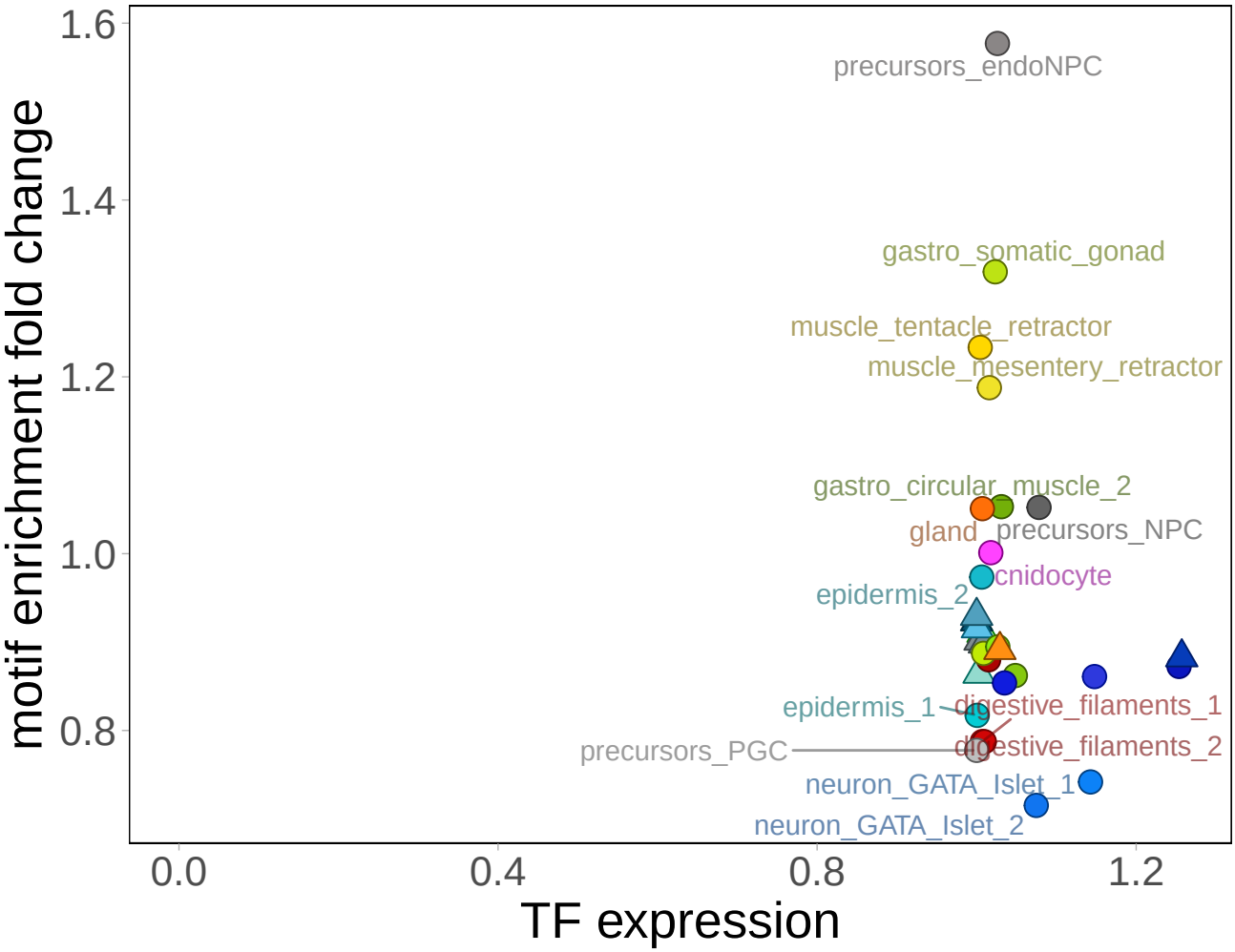
Nvec_vc1.1_XM_001629605.3
OG: SMAD_MH1.HG1.2:like:SMAD4
PFAM: MH1/MH1/zf−HC5HC2H_2/PHD/PHD
motif: ARCH662_Smad4
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 561
gene expression correlation: 0.1978
gene score correlation: 0.1991



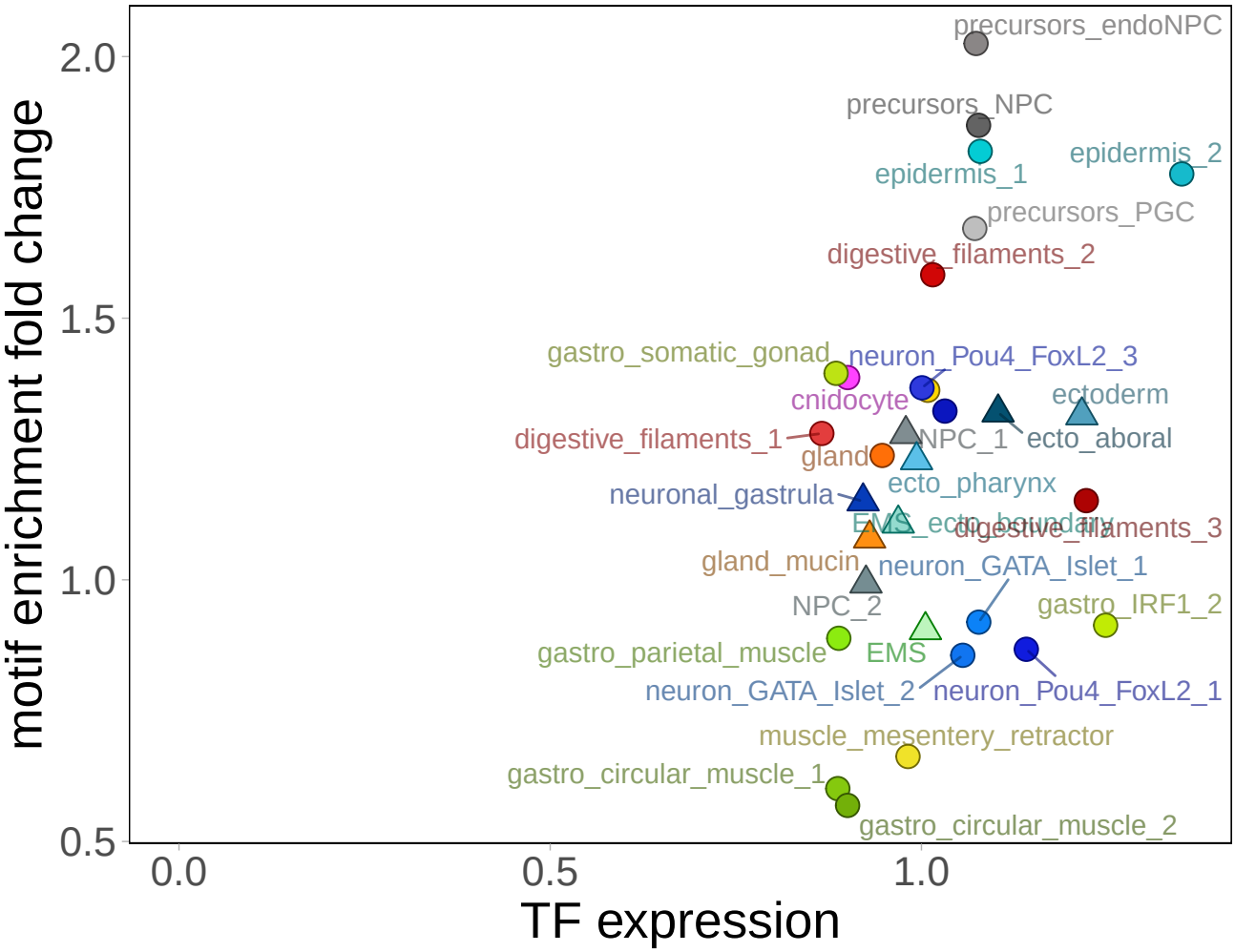
Nvec_vc1.1_XM_001630333.3
OG: Myb.HG1.0:CDC5L
PFAM: Myb_DNA−bind_6/Myb_Cef
motif: ARCH1062_Cdc5lrt1/Cdc5lrt10...
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 501
gene expression correlation: −0.1177
gene score correlation: 0.0262



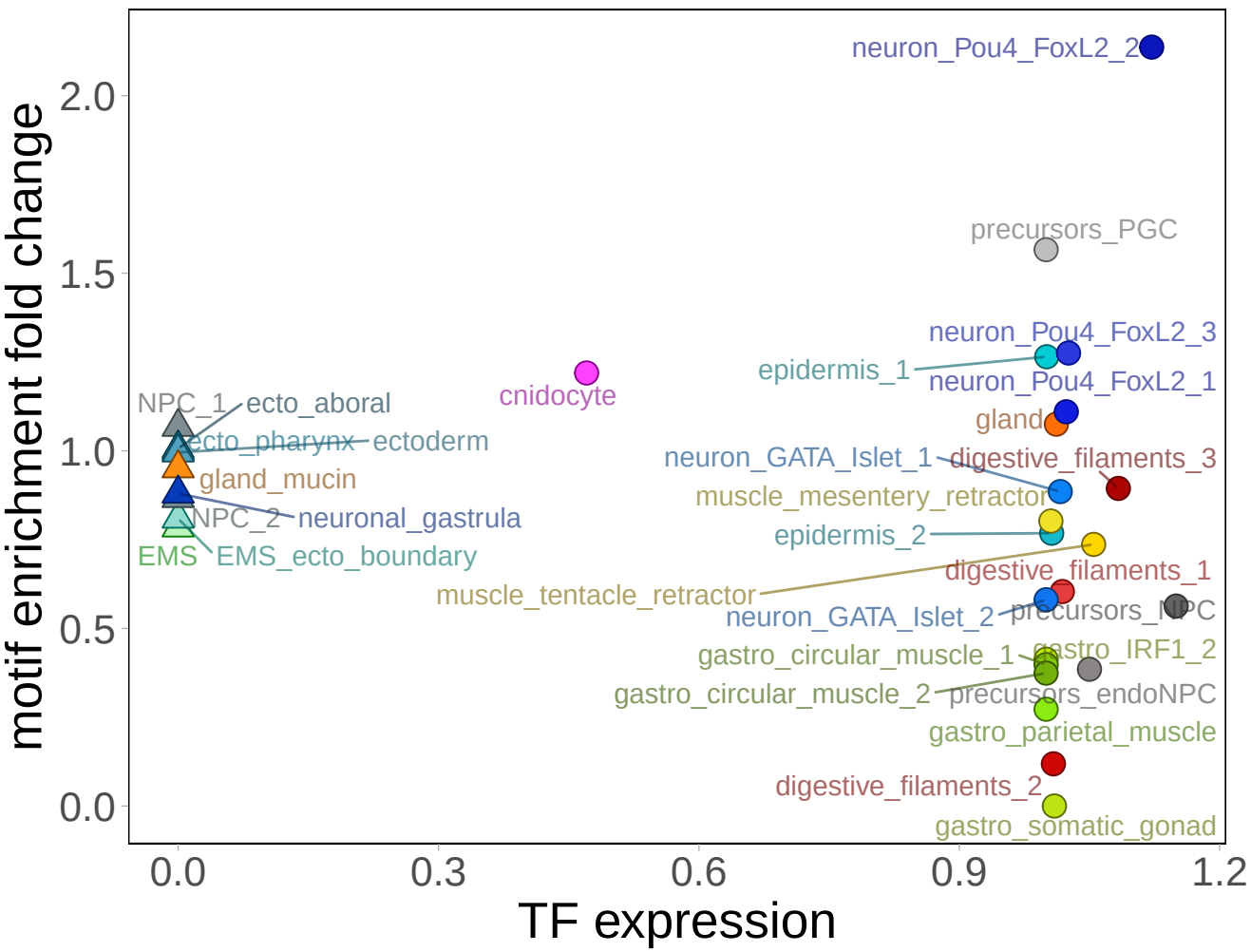
Nvec_vc1.1_XM_001630336.3
OG: zf−C4_Nuclear_receptors.HG1.40:NR2E1
PFAM: zf−C4/Hormone_recep
motif: ARCH411_Hnf4g/Hnf4a_Nr2c1/N...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 1198
gene expression correlation: −0.1769
gene score correlation: −0.1233



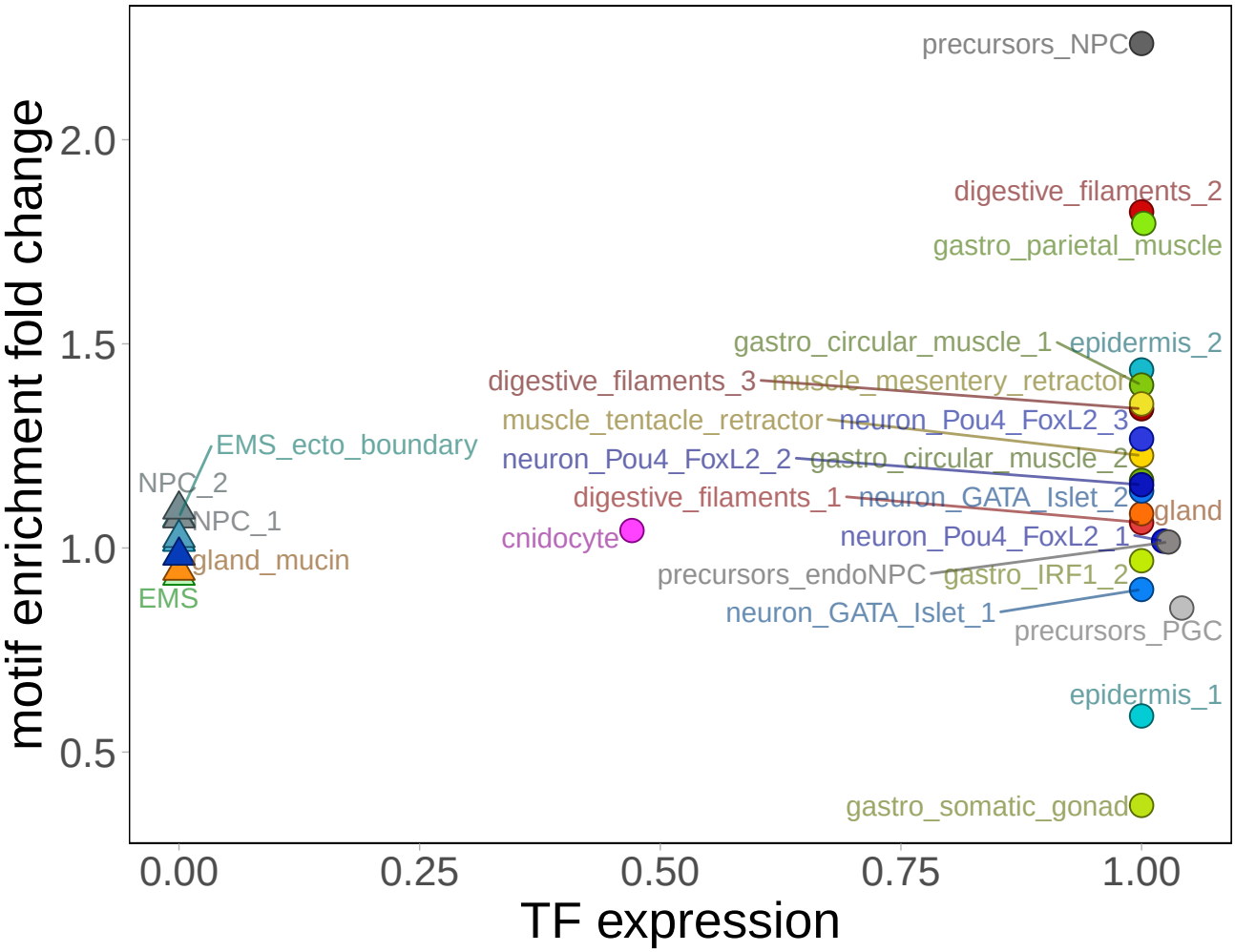
Nvec_vc1.1_XM_001630363.3
OG: Forkhead.HG1.29:FOXO1/FOXO3/FOXO3
PFAM: Forkhead/FOXO−TAD
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3099
gene score correlation: 0.4450



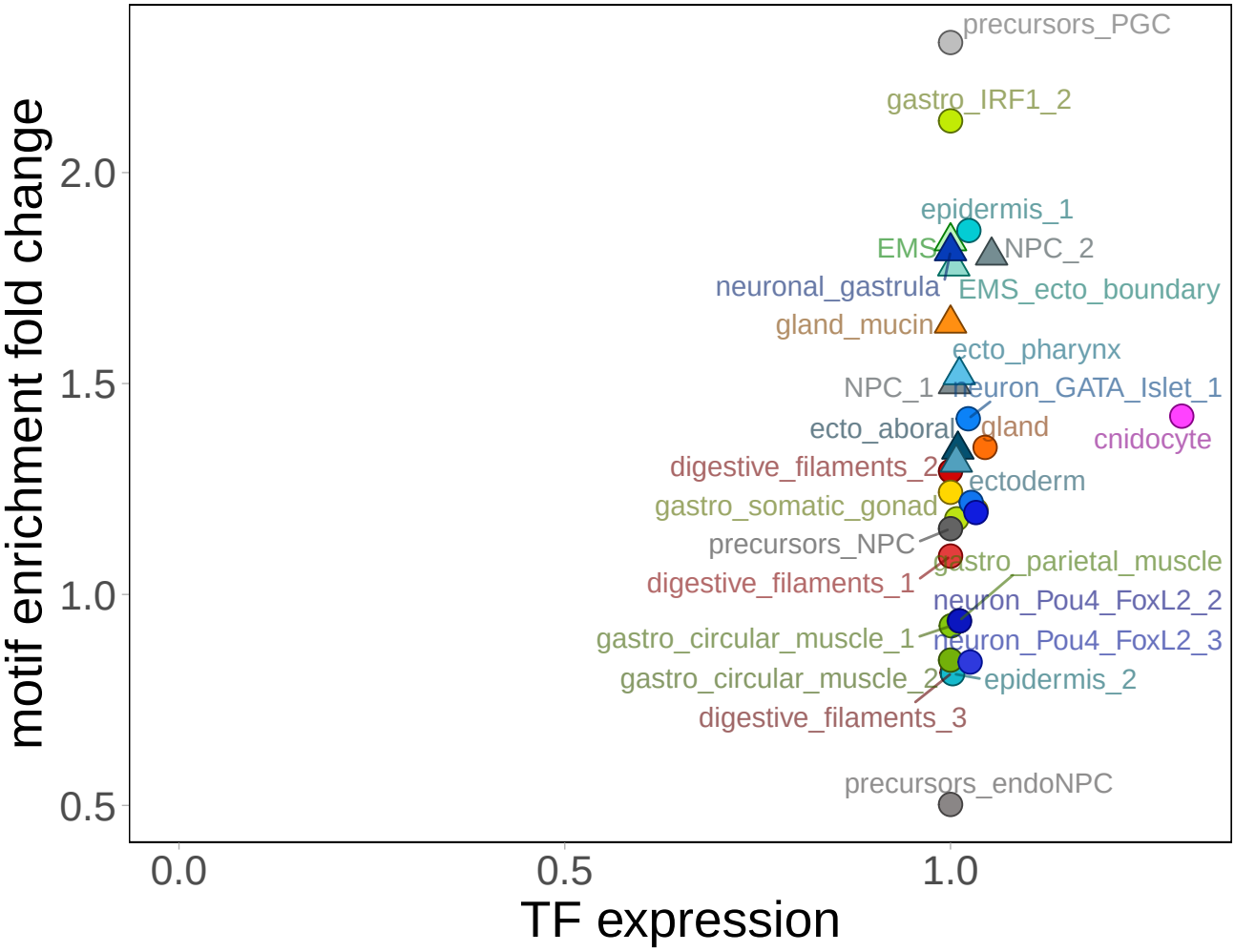
Nvec_vc1.1_XM_001630519.3
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 127
gene expression correlation: −0.1591
gene score correlation: −0.1094



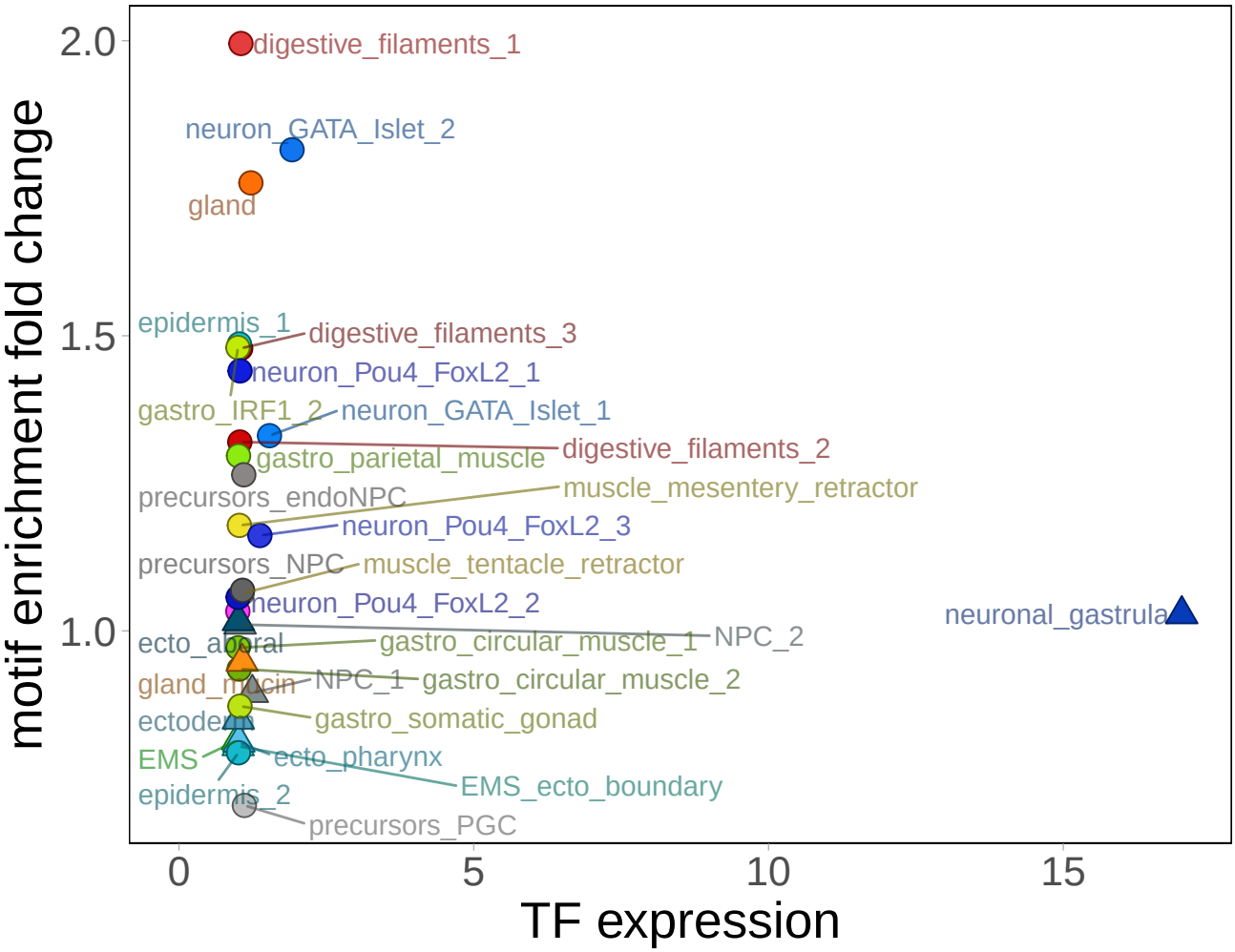
Nvec_vc1.1_XM_001630974.3
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
motif: ARCH1391_MYB113
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 609
gene expression correlation: 0.2389
gene score correlation: 0.1198



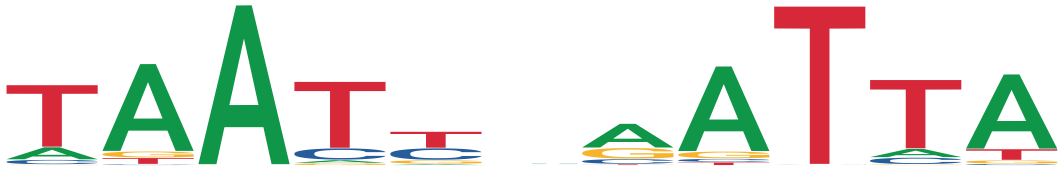
Nvec_vc1.1_XM_001631093.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH1610_Atf3/Jdp2_Atf7/Gm2...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 804
gene expression correlation: 0.0536
gene score correlation: 0.0620

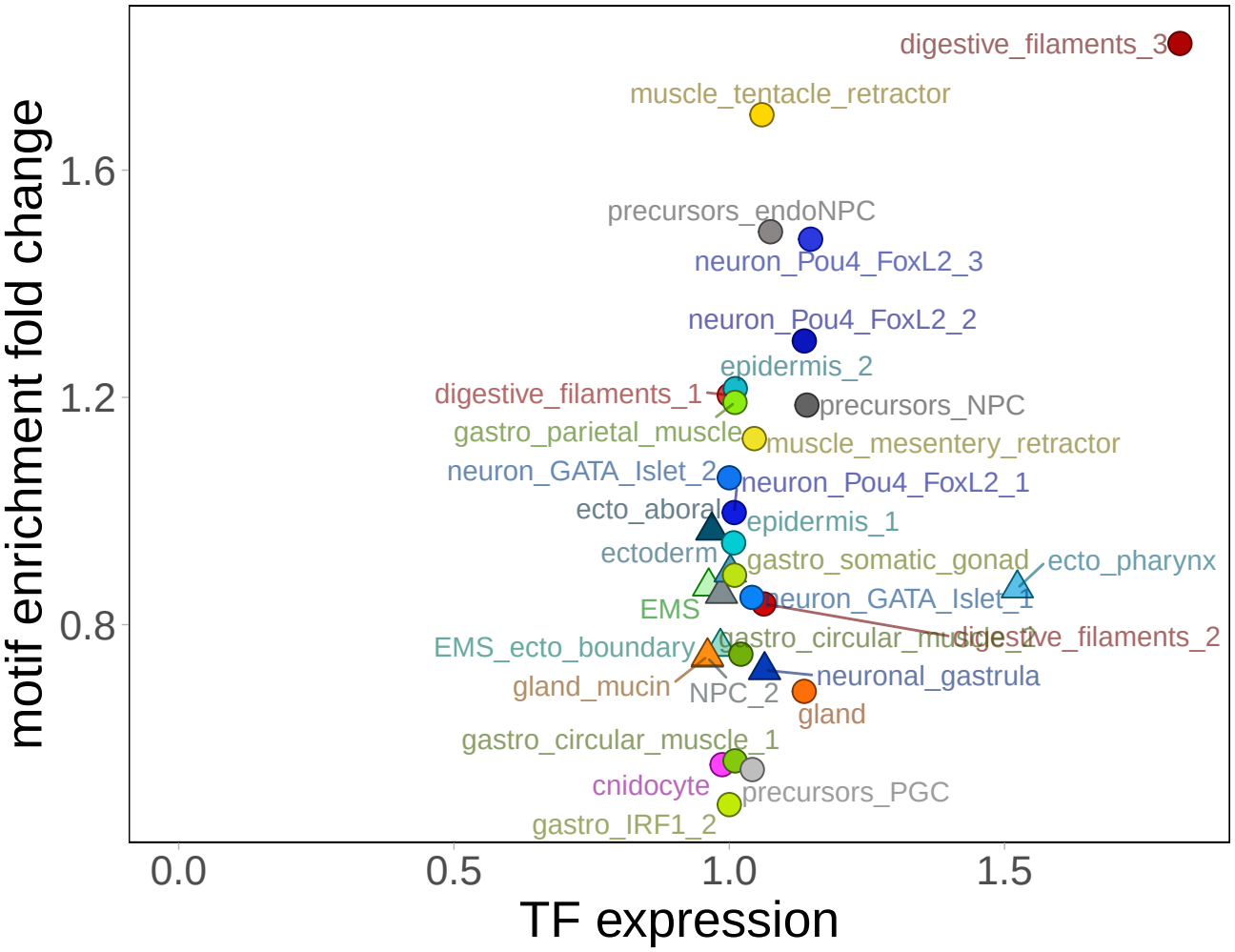


Nvec_vc1.1_XM_001631173.3
OG: Homeodomains.HG2.62:VSX1/VSX2
PFAM: Homeodomain
motif: ARCH335_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 28
gene expression correlation: −0.0430
gene score correlation: 0.1663

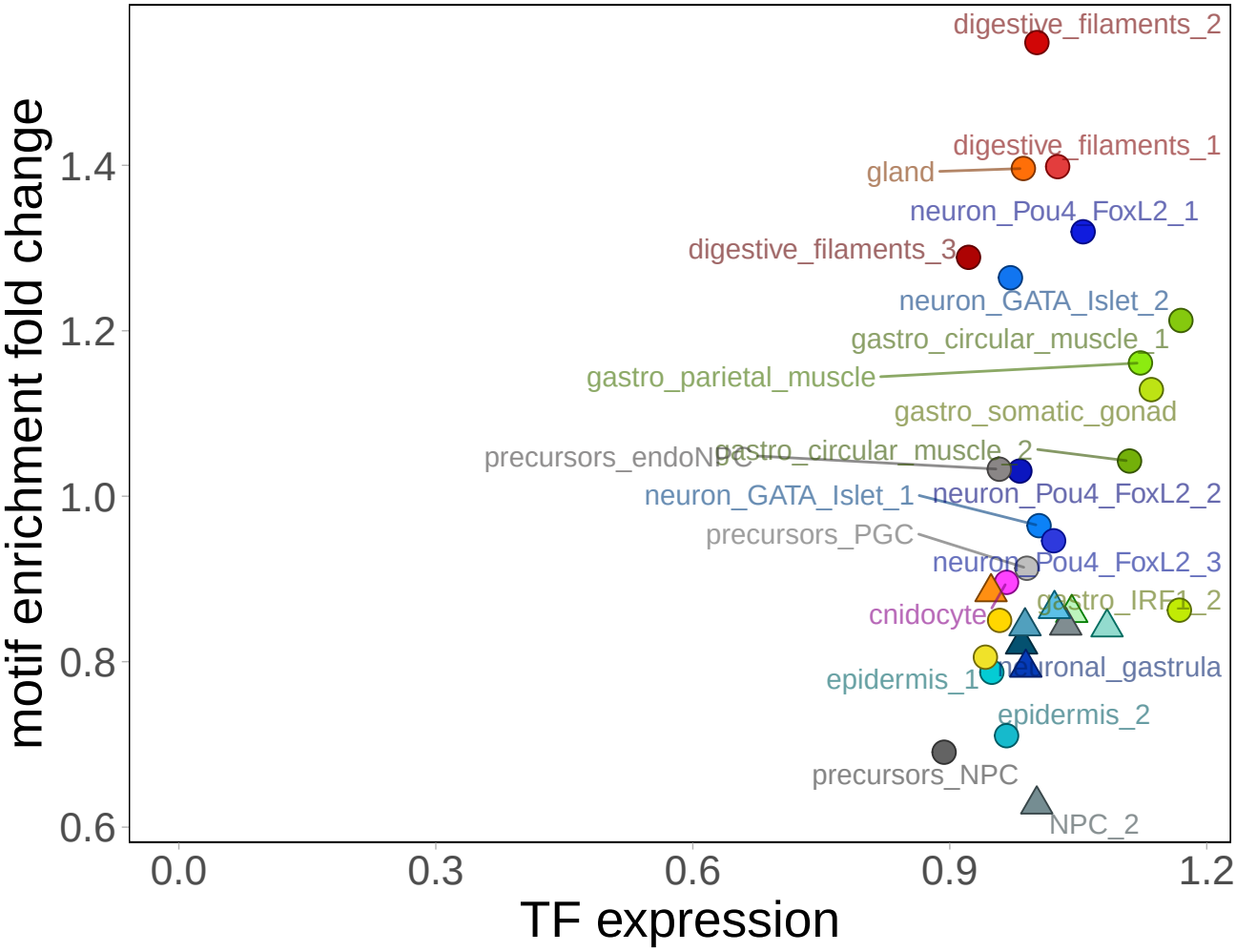


Nvec_vc1.1_XM_001631375.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
motif: ARCH216_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 53
gene expression correlation: 0.4688
gene score correlation: 0.4934

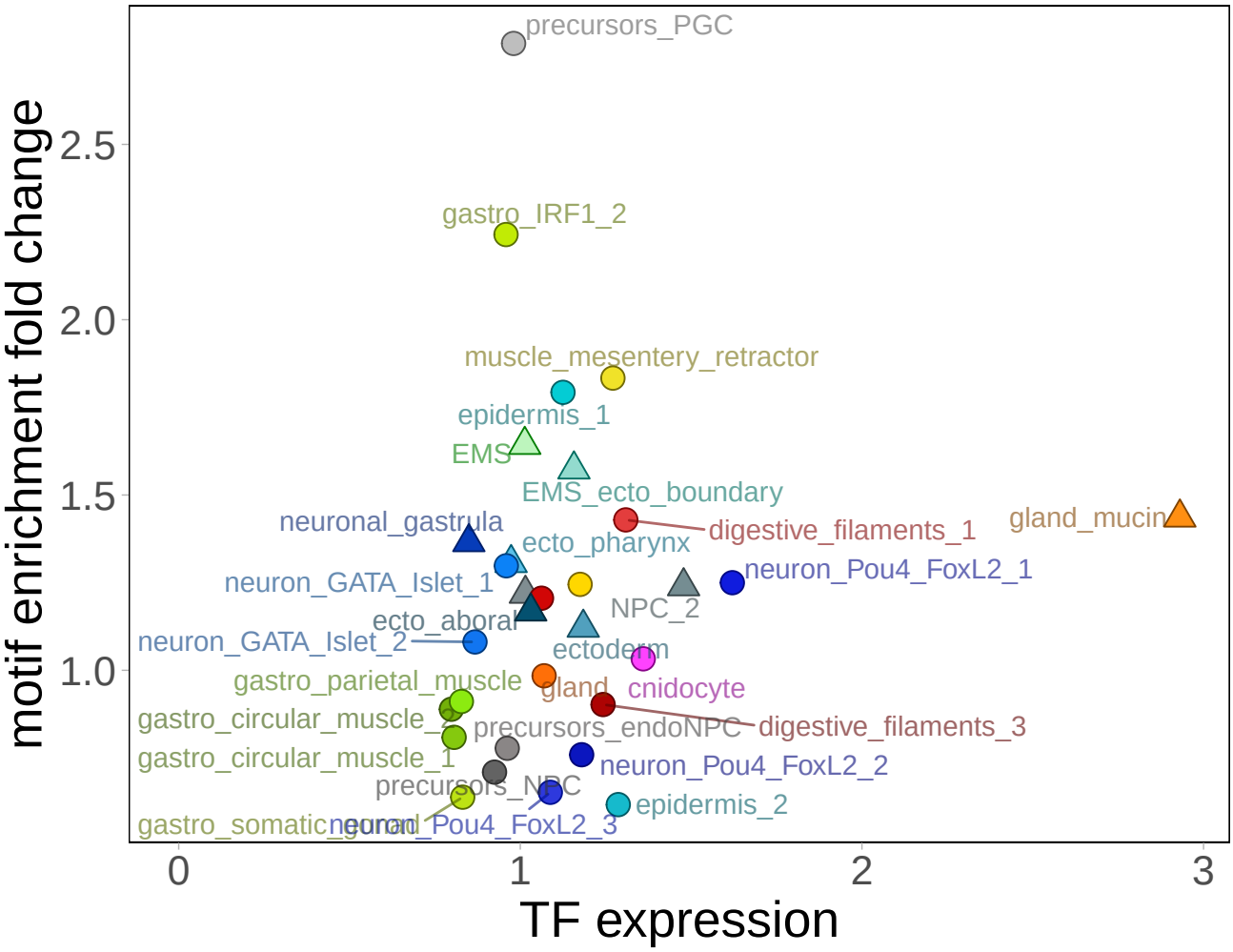




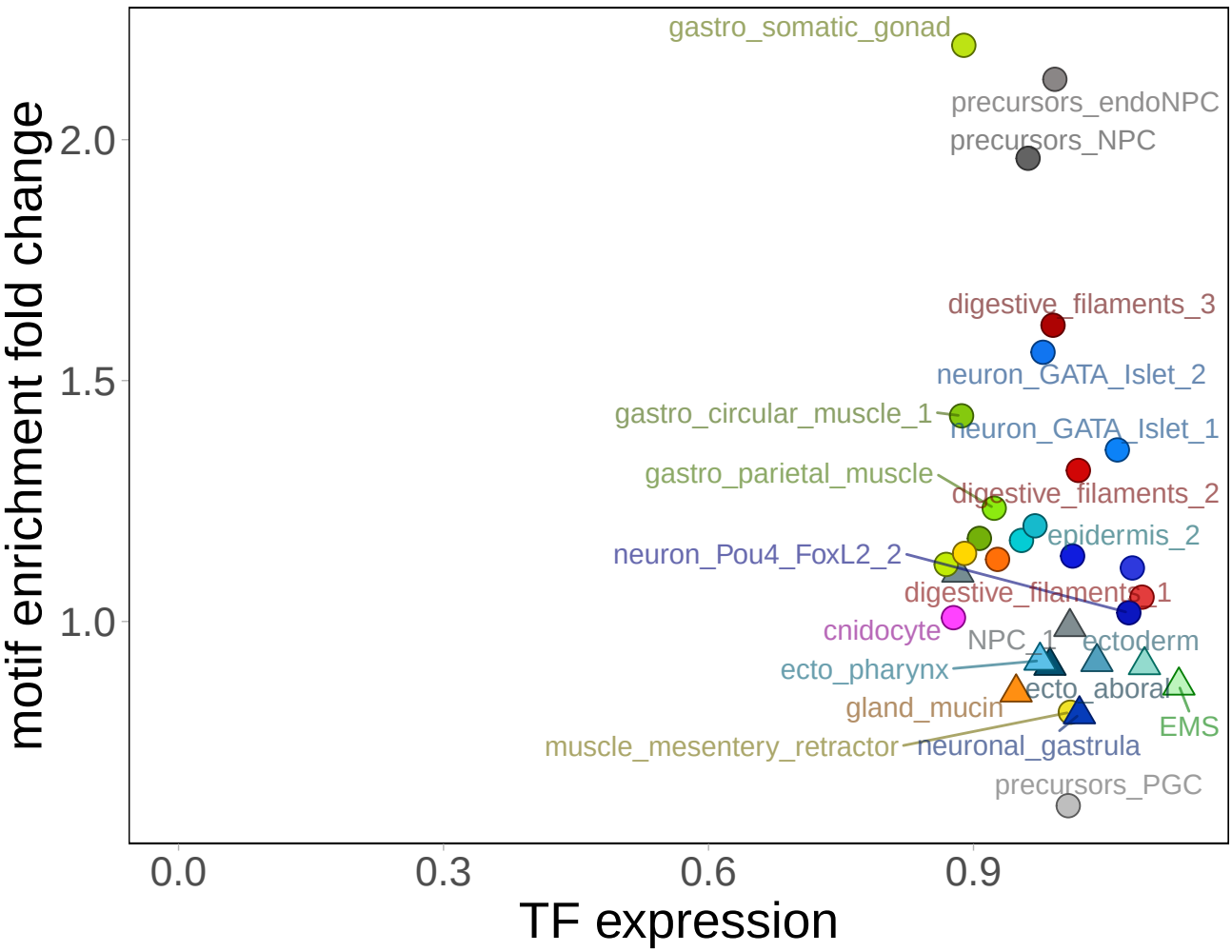
Nvec_vc1.1_XM_001631403.3
OG: HLH.HG1.14:MLXIP/MLXIPL
PFAM: HLH
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 907
gene expression correlation: 0.2255
gene score correlation: 0.0025



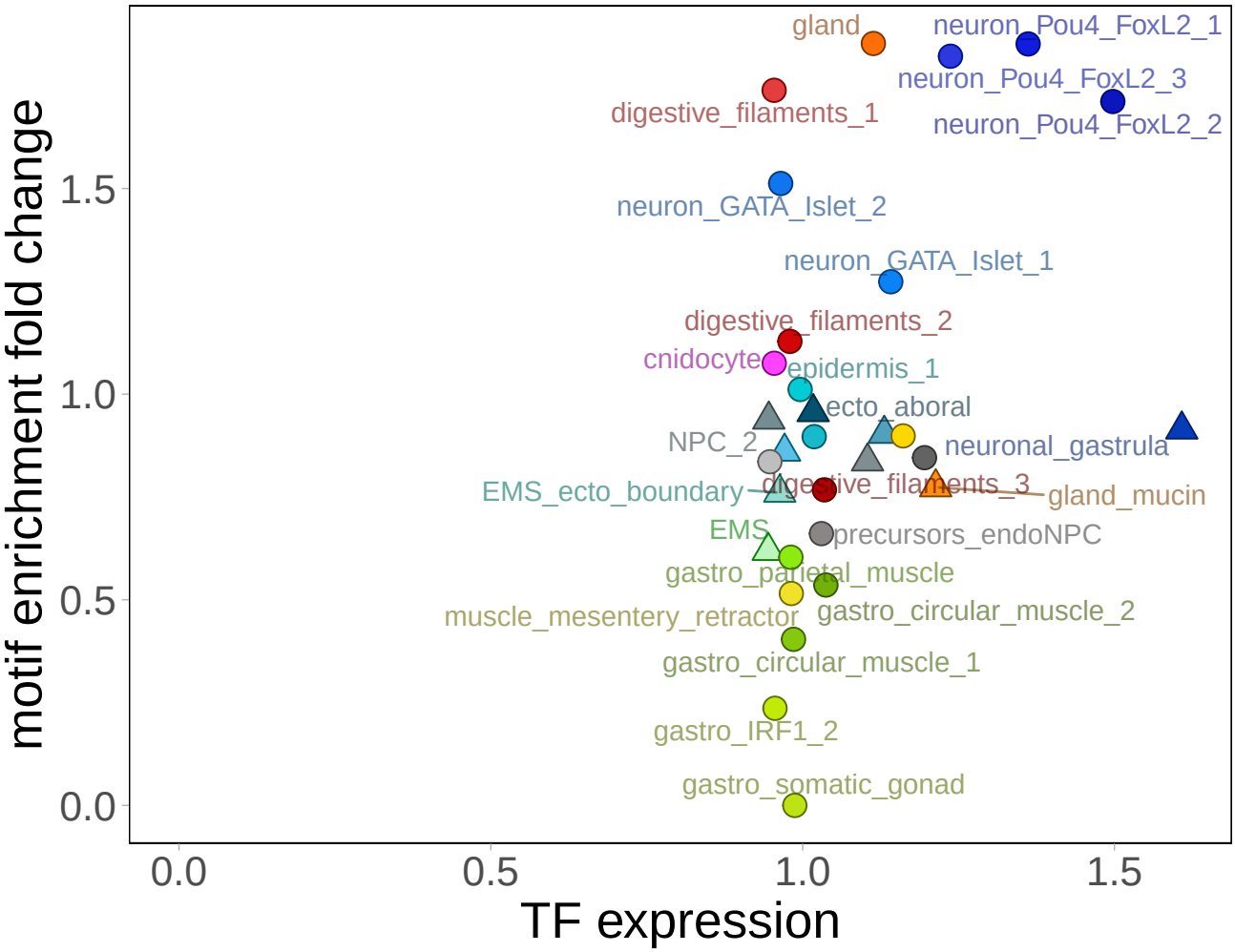
Nvec_vc1.1_XM_001631543.3
OG: bZIP.HG1.15:CREB3/CREB3L1/CREB3L2
PFAM: bZIP_1
motif: ARCH1612_Atf7/Gm28047/Creb5...
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.1040
gene score correlation: 0.1042



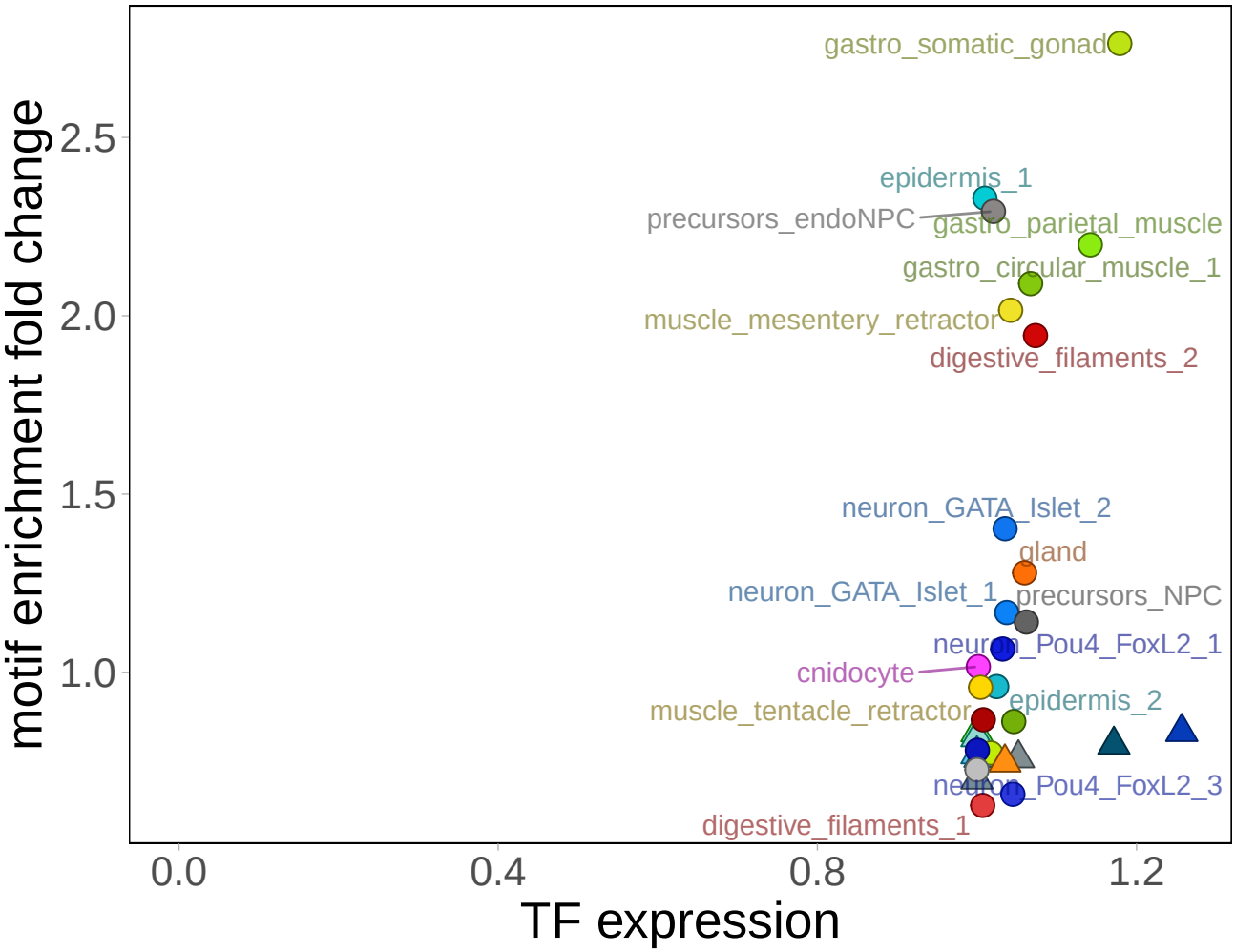
Nvec_vc1.1_XM_001631607.3
OG: SMAD_MH1.HG1.5:like:SMAD1/SMAD5/S
PFAM: MH1/MH2
motif: ARCH733_Smad2/Smad3_Smad9/S...
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 125
gene expression correlation: −0.2826
gene score correlation: 0.0479



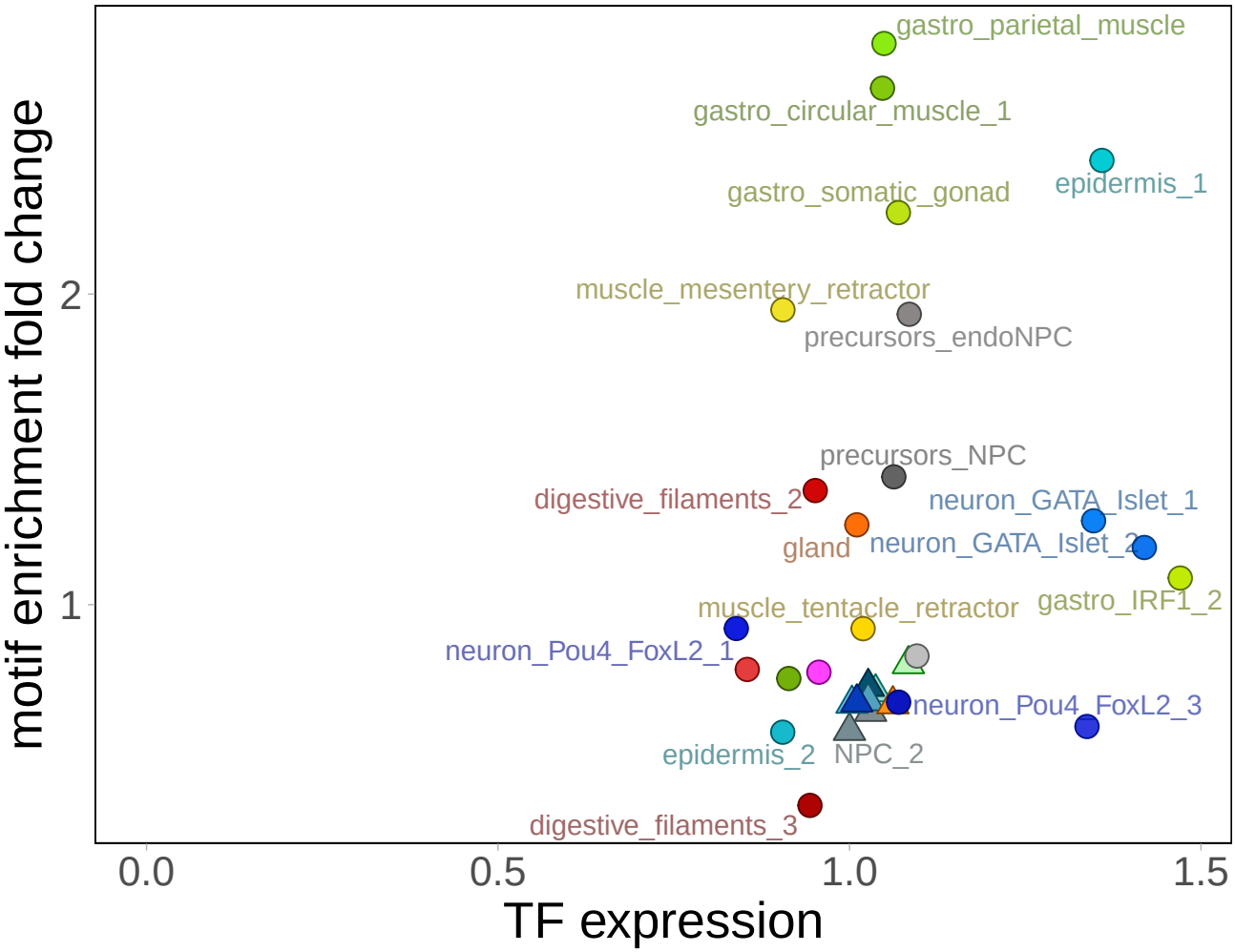
Nvec_vc1.1_XM_001631673.3
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.4042
gene score correlation: 0.5767



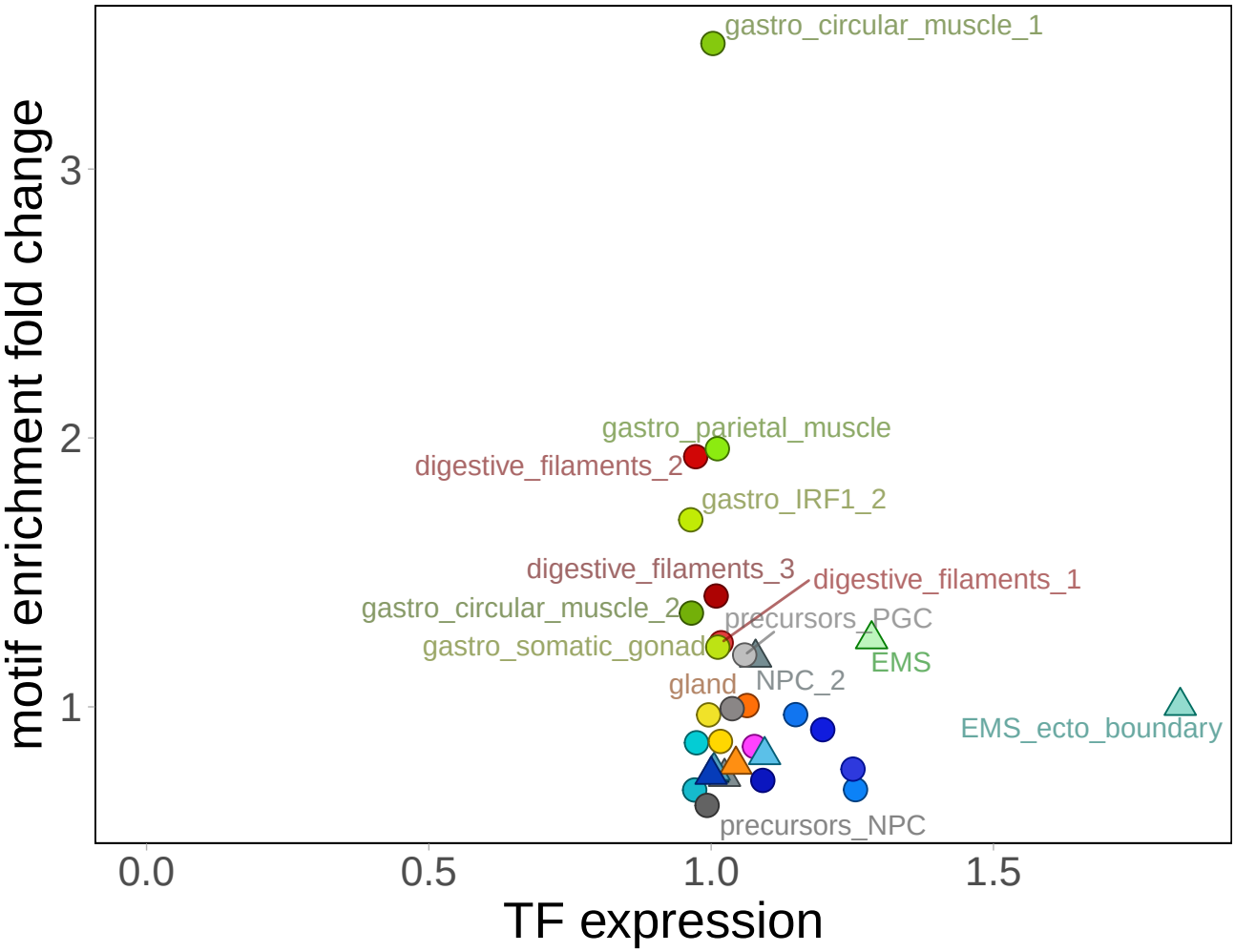
Nvec_vc1.1_XM_001632367.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH167_Nanog
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3140
gene score correlation: 0.3745



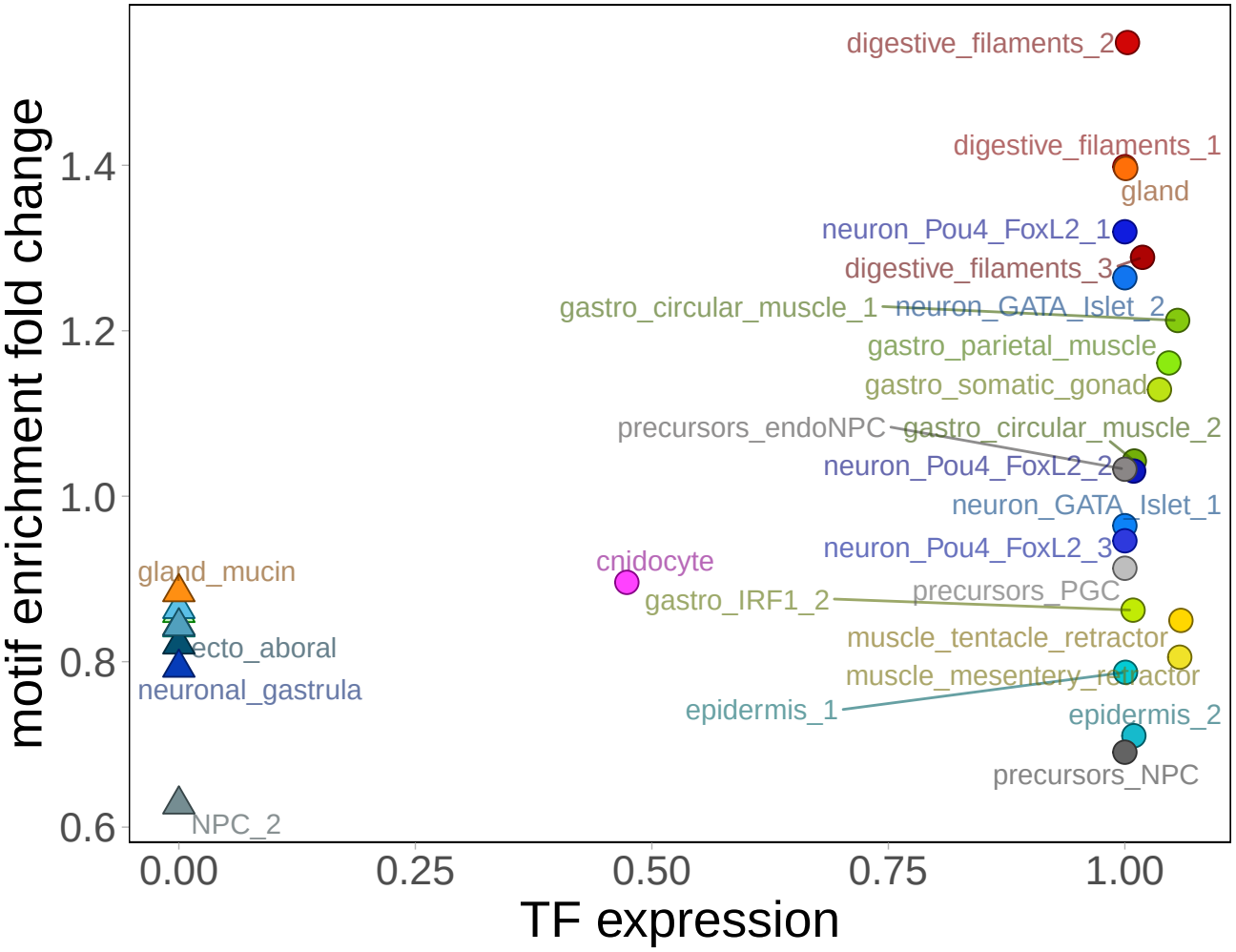
Nvec_vc1.1_XM_001632368.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH1520_Nkx2−2/Nkx2−9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.1932
gene score correlation: 0.6997



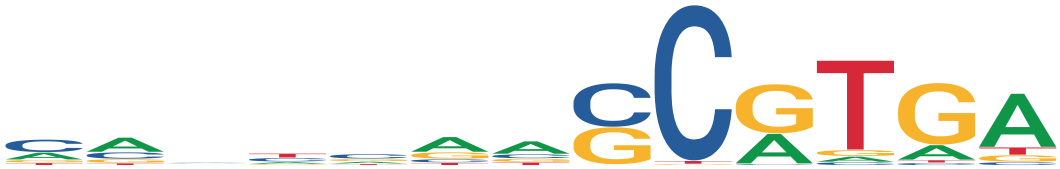
Nvec_vc1.1_XM_001632824.3
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 10
gene expression correlation: −0.1536
gene score correlation: 0.3154

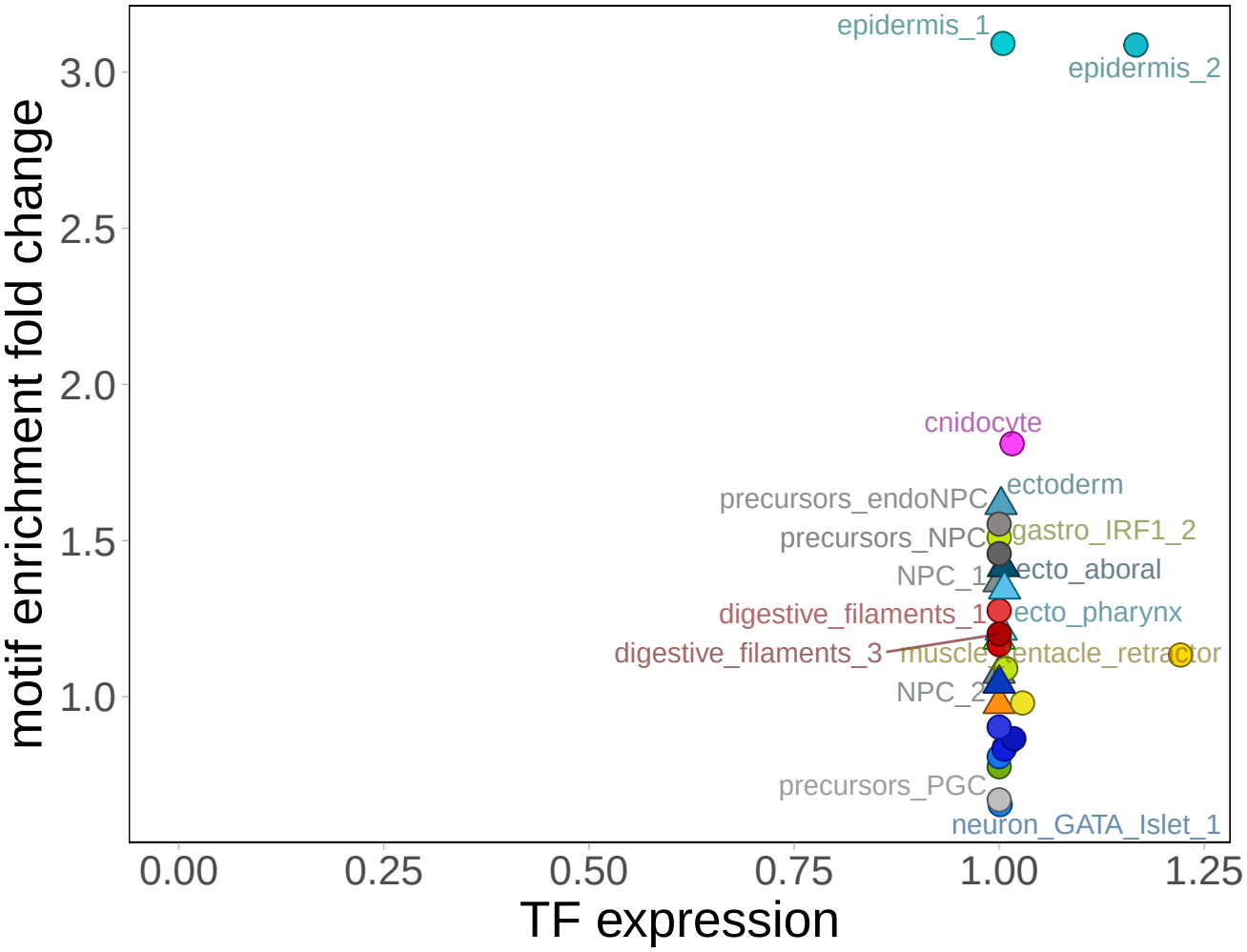


Nvec_vc1.1_XM_001632826.3
OG: HLH.HG1.67:HAND1/HAND2
PFAM: HLH
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 138
gene expression correlation: 0.4826
gene score correlation: −0.0305

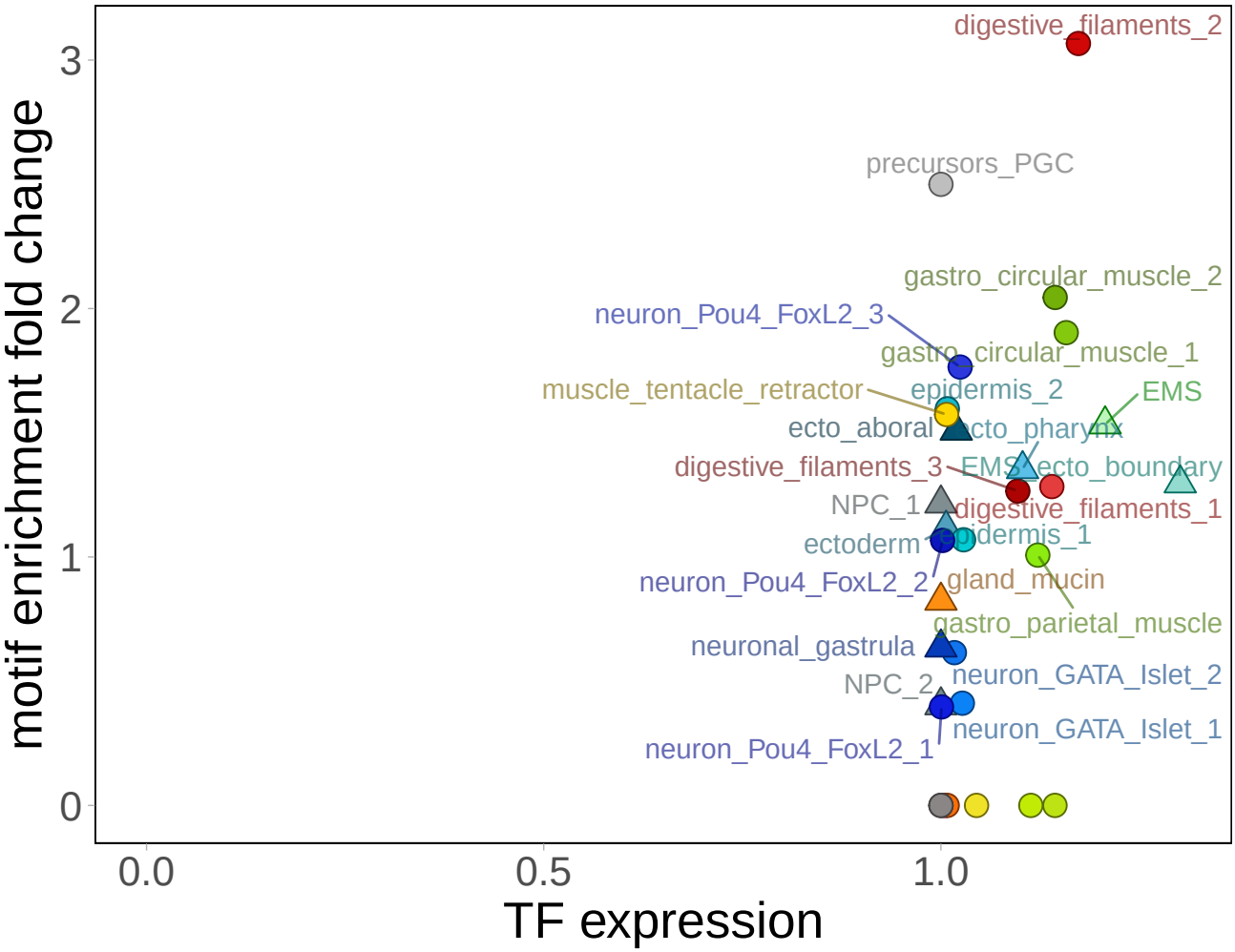


Nvec_vc1.1_XM_001632929.3
OG: Homeodomains.HG2.41:SHOX/SHOX2
PFAM: Homeodomain
motif: ARCH1236_M06436_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 23
gene expression correlation: 0.3268
gene score correlation: 0.3453

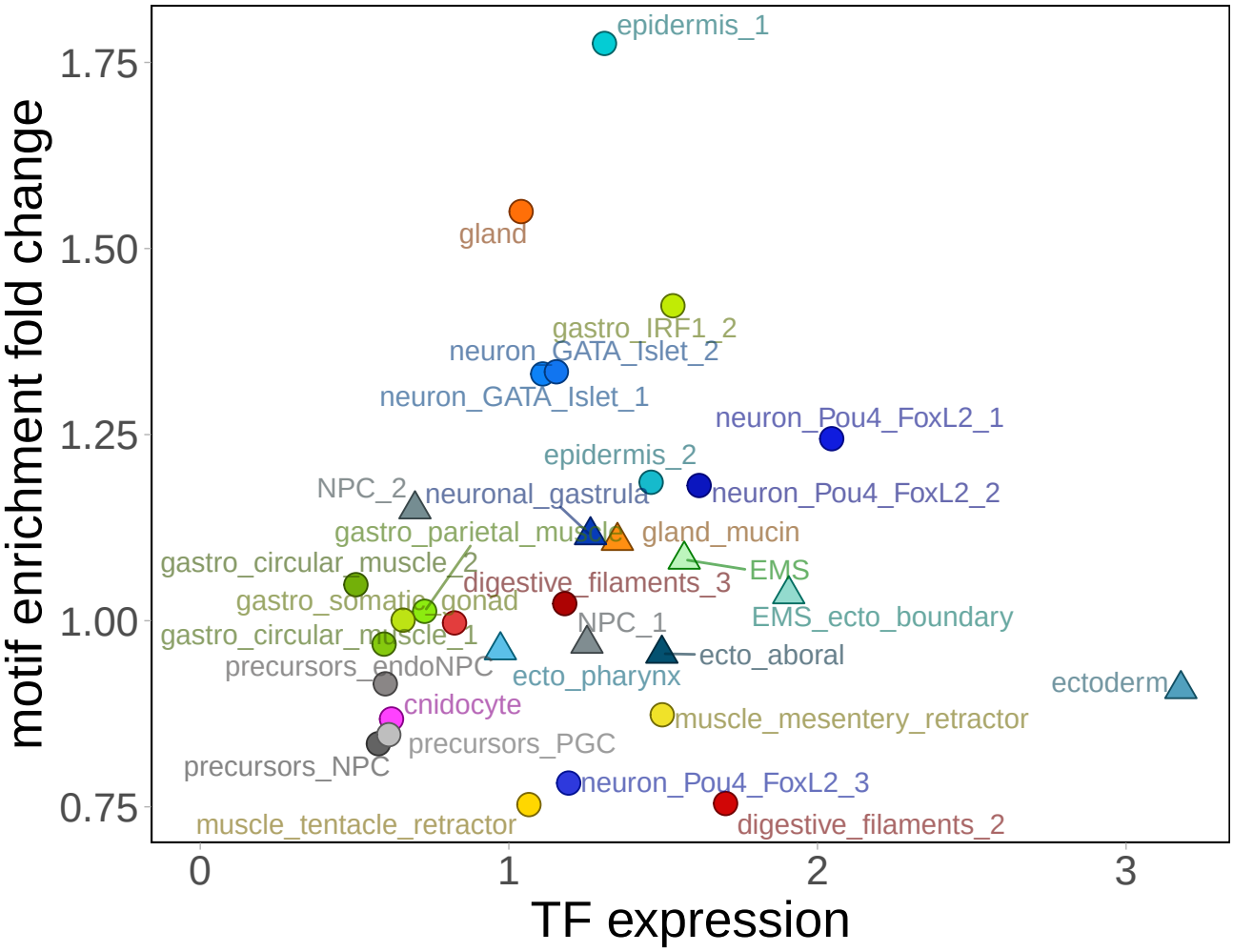




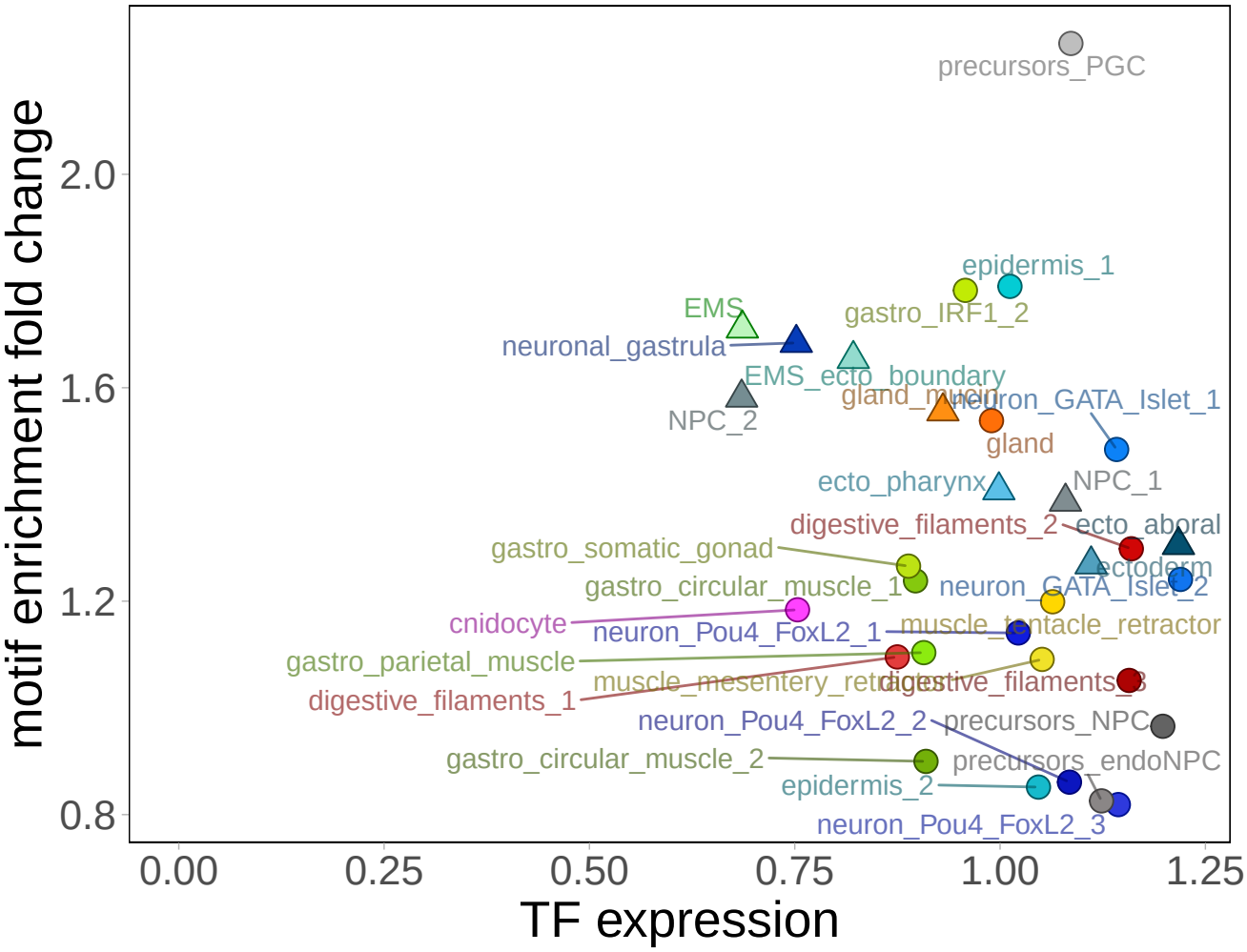
Nvec_vc1.1_XM_001633156.3
OG: T−box.HG1.1:like:MGA/TBX1/TBX2/TBX3
PFAM: T−box
motif: ARCH839_Tbx10/Tbx1_Tbx18/Tb...
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 120
gene expression correlation: 0.3341
gene score correlation: 0.3011



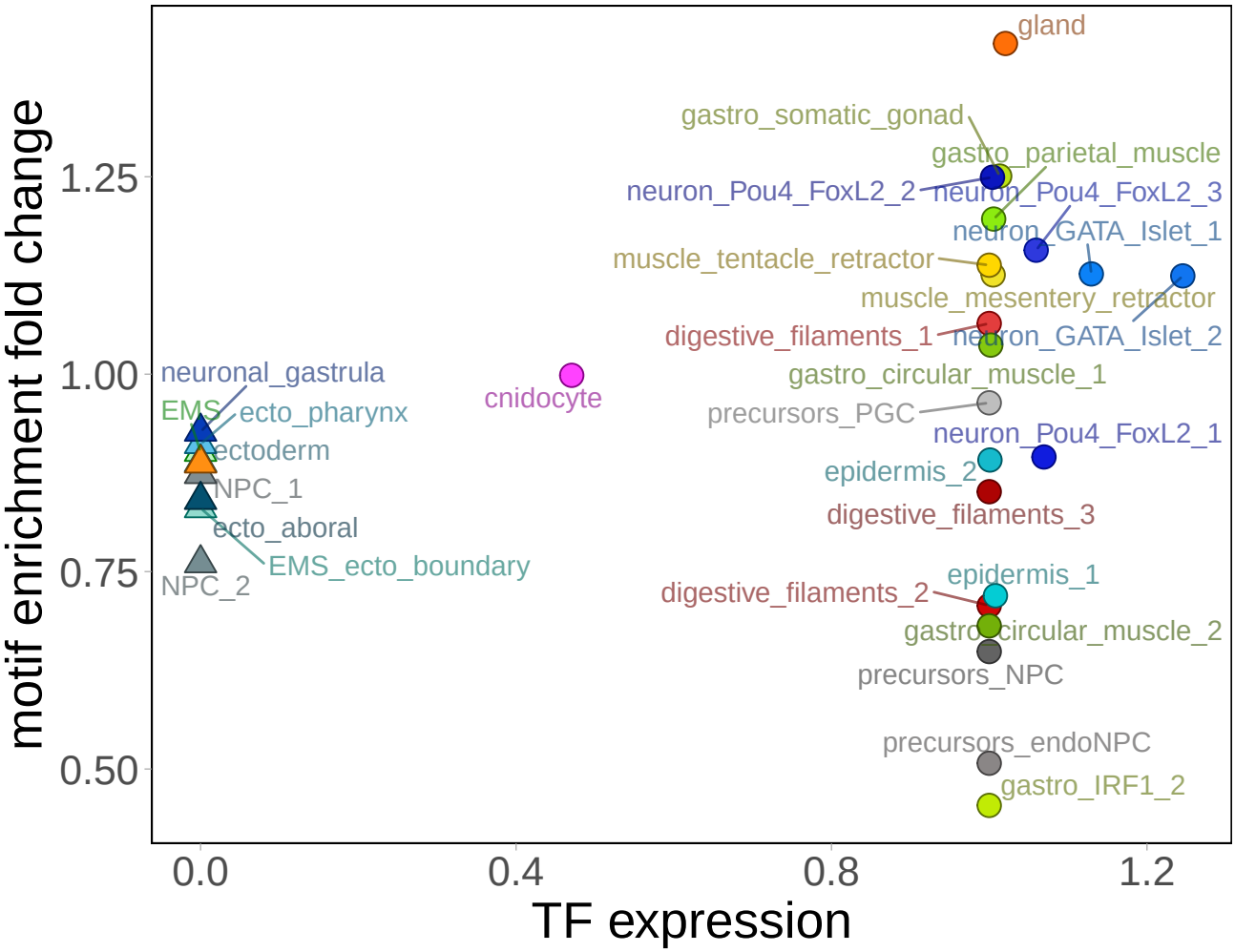
Nvec_vc1.1_XM_001633273.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH1611_Fos/Fosb/Fosl1/Fosl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.1037
gene score correlation: 0.3677



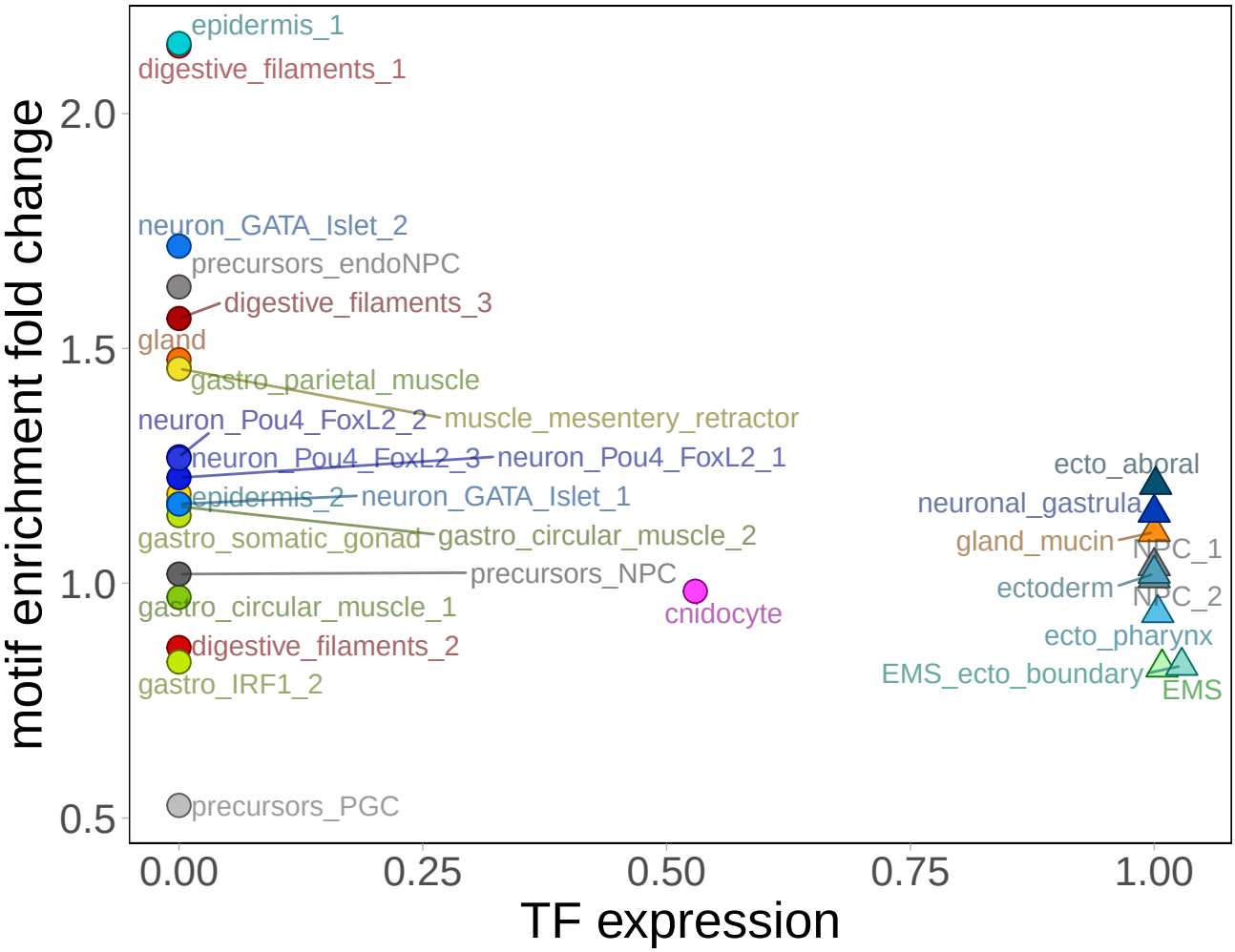
Nvec_vc1.1_XM_001633393.3
OG: bZIP.HG1.18:ATF1/CREB1/CREM
PFAM: pKID/bZIP_1
motif: ARCH1608_Atf3/Jdp2_Crem/Cre...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 280
gene expression correlation: −0.3266
gene score correlation: 0.2672



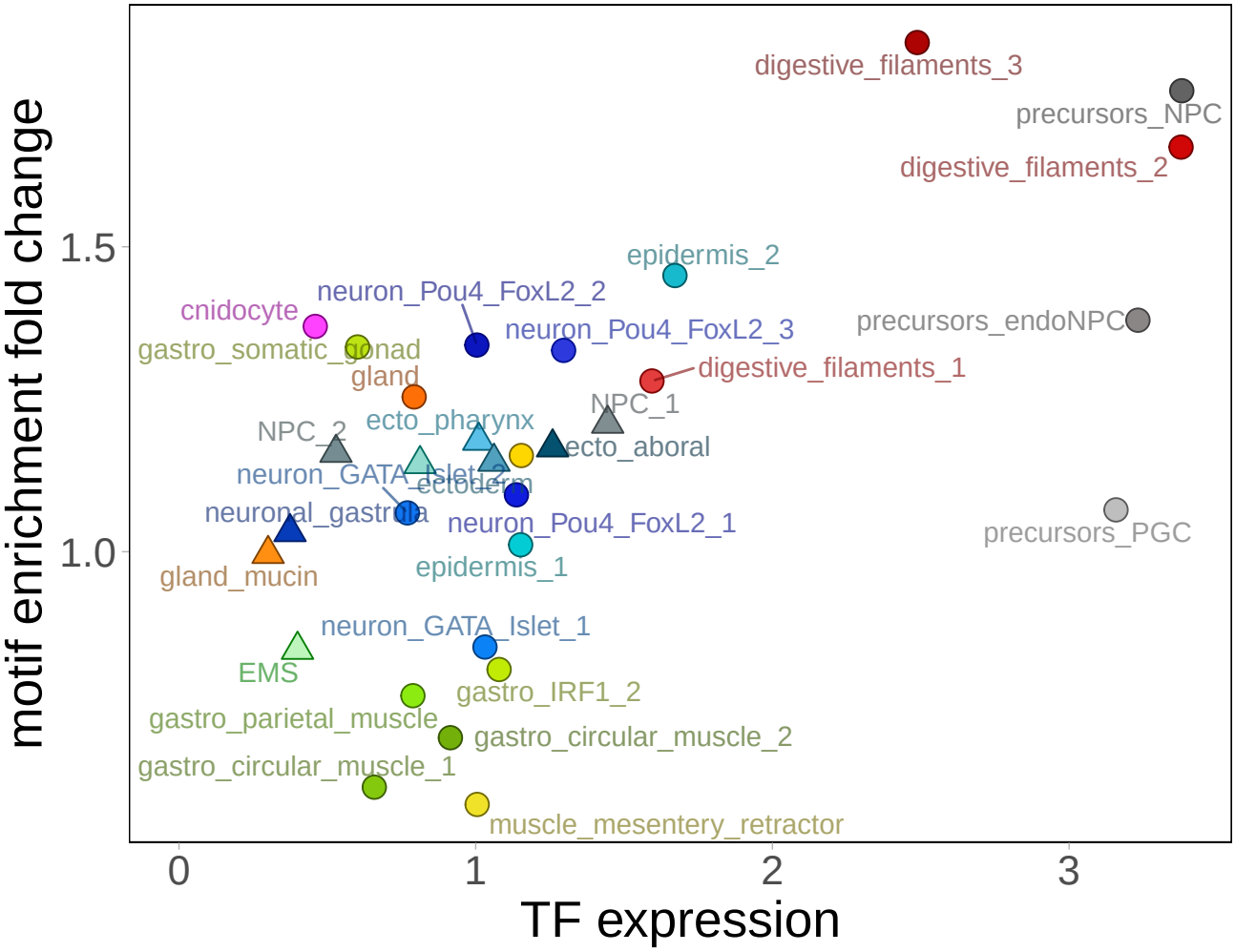
Nvec_vc1.1_XM_001633398.3
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−H2C2_2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 208
gene expression correlation: 0.2131
gene score correlation: 0.2493



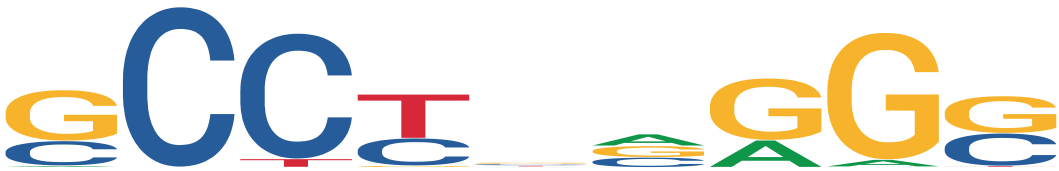
Nvec_vc1.1_XM_001633541.3
OG: Homeodomains.HG3.5:like:IRX1/IRX2/IRX
PFAM: SIX1_SD/Homeobox_KN
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 57
gene expression correlation: −0.3820
gene score correlation: −0.3830

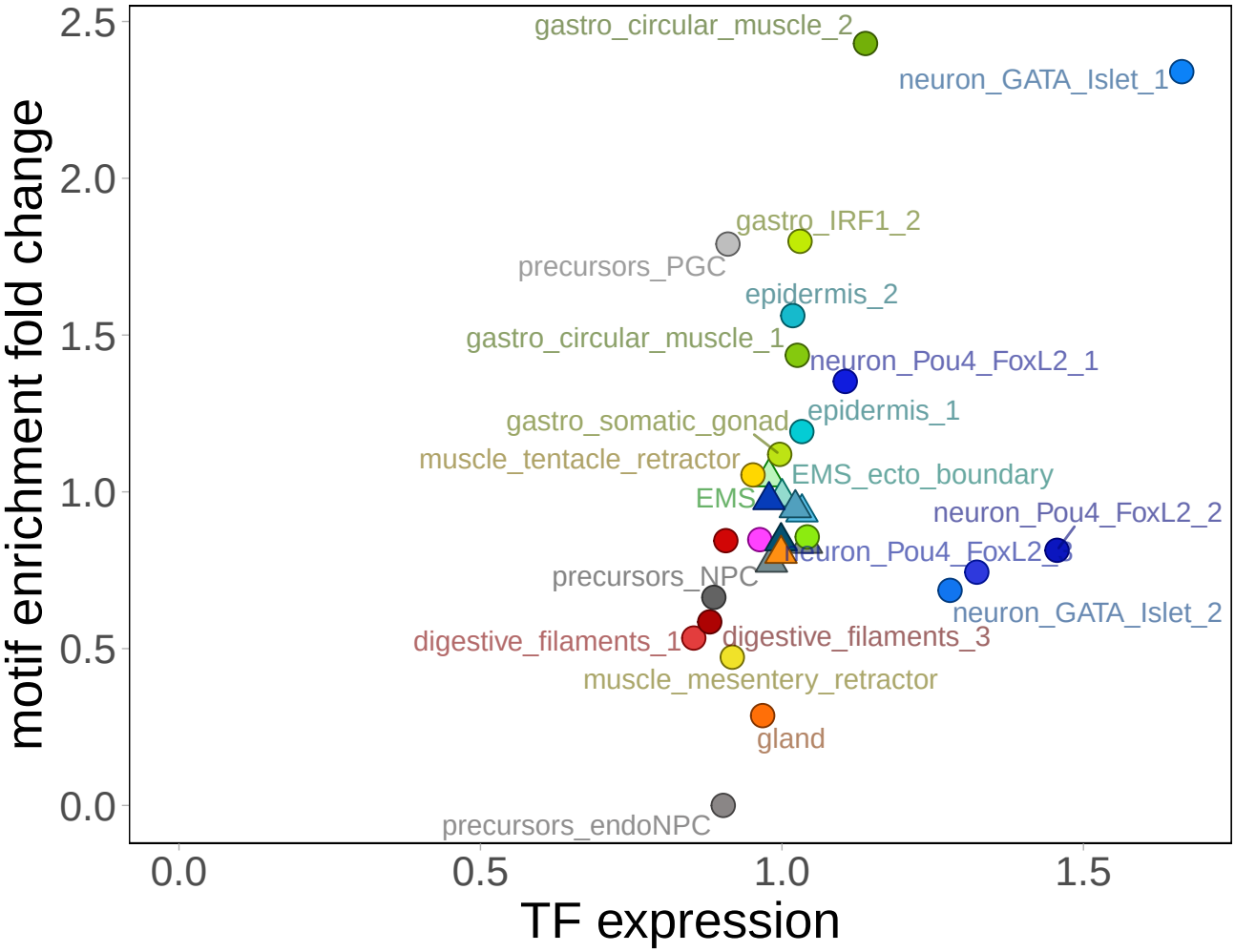


Nvec_vc1.1_XM_001633762.3
OG: HMGbox_Sox.HG1.37:like:SSRP1
PFAM: HMG_box/HMG_box
motif: ARCH1177_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 27
gene expression correlation: 0.5893
gene score correlation: 0.5089

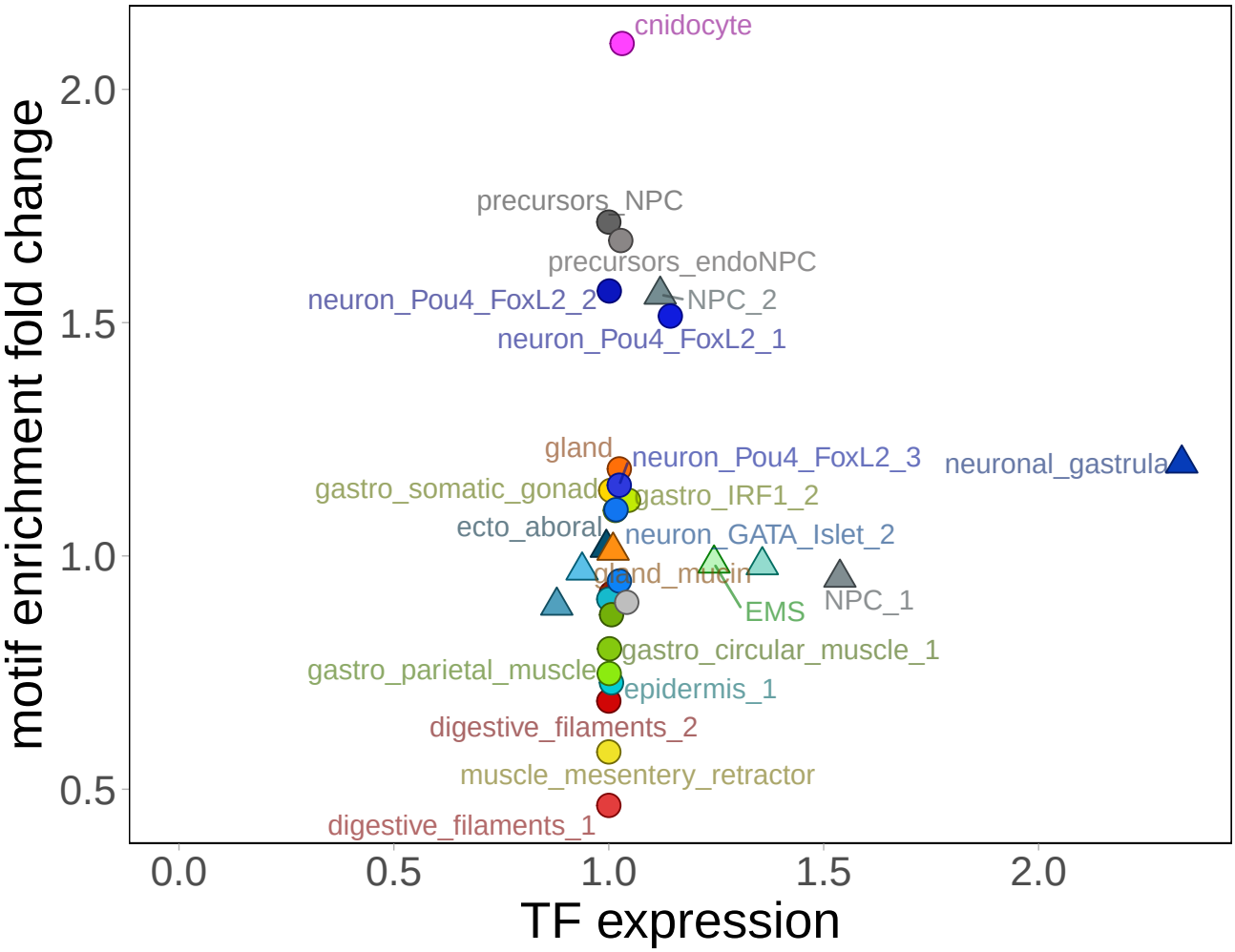


Nvec_vc1.1_XM_001633894.3
OG: AP−2.HG1.0:TFAP2A/TFAP2B/TFAP2C/T
PFAM: TF_AP−2
motif: ARCH387_TFAP2E
TF family: AP2
archetype family: AP2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.4159
gene score correlation: 0.4984

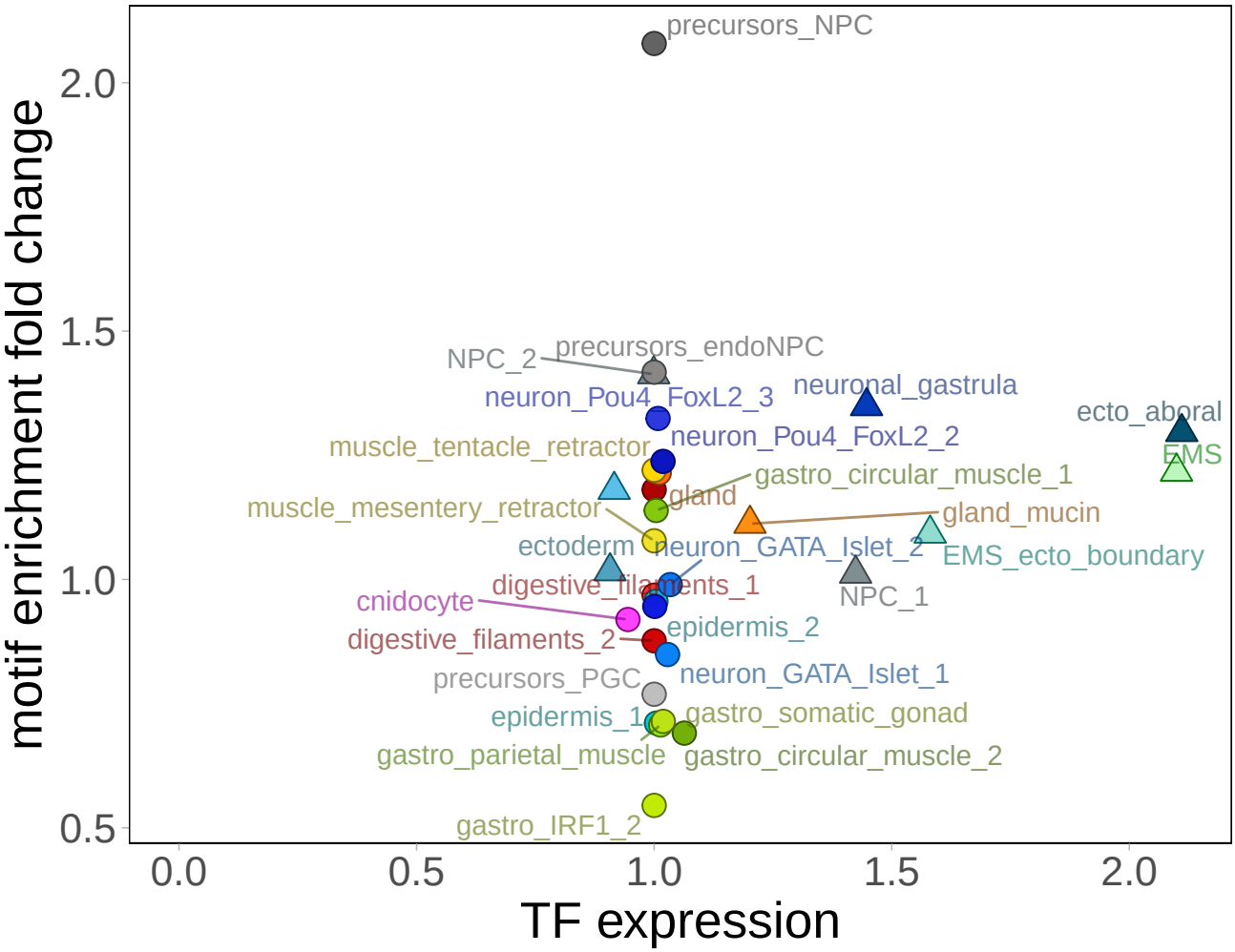




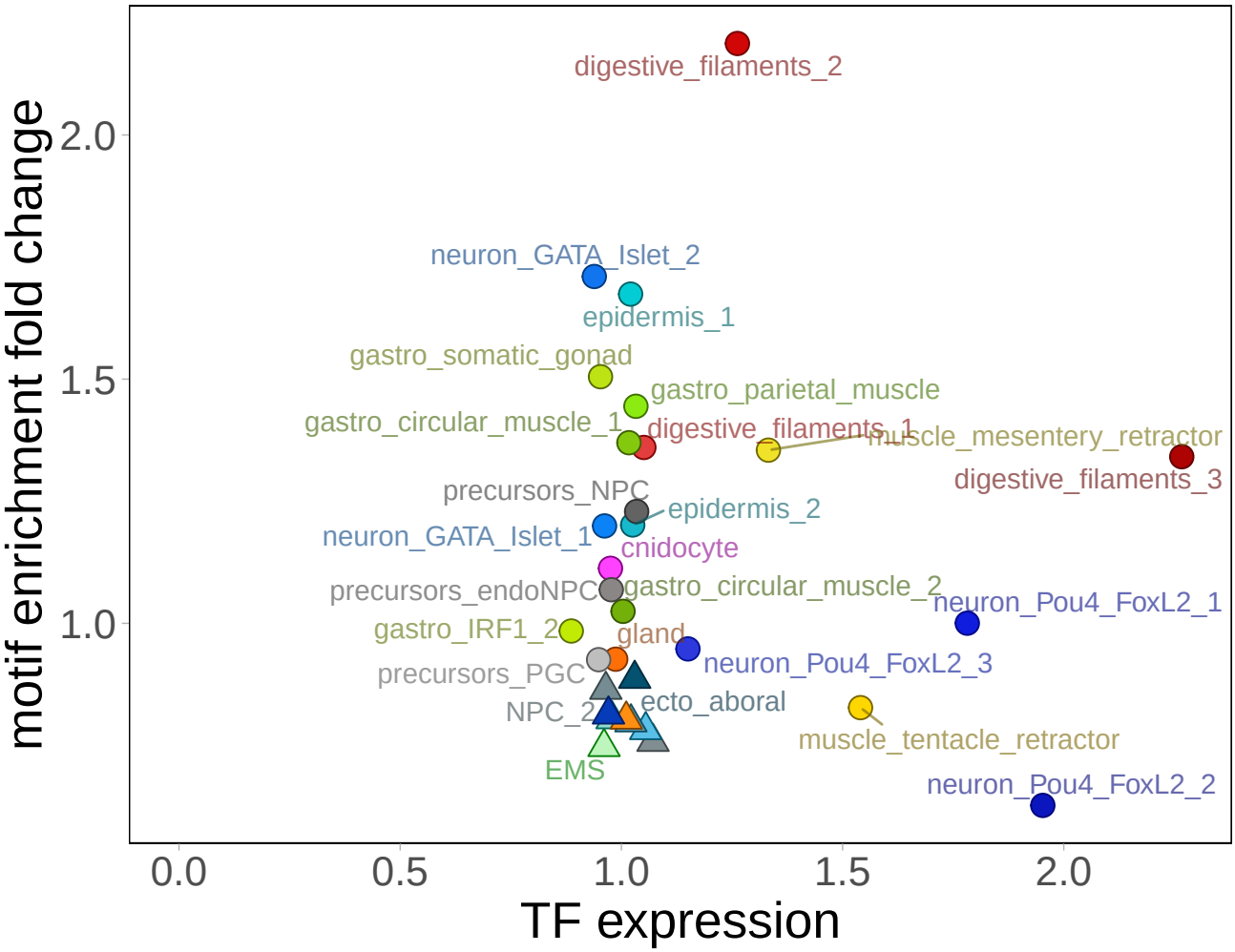
Nvec_vc1.1_XM_001633901.3
OG: T−box.HG1.11:TBX2/TBX3
PFAM: T−box
motif: ARCH484_Tbx3/Tbx2
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 172
gene expression correlation: 0.0776
gene score correlation: 0.7263



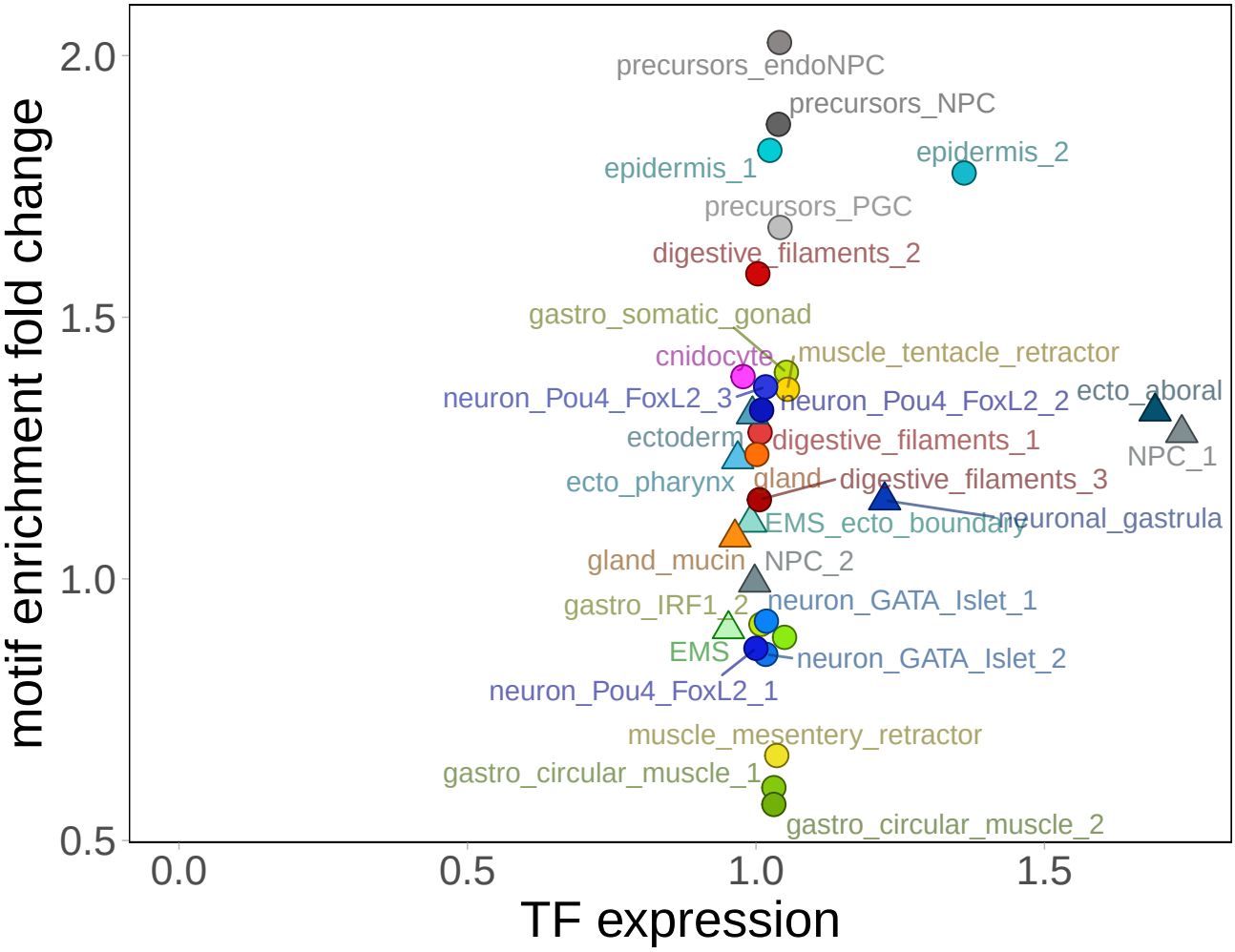
Nvec_vc1.1_XM_001633902.3
OG: T−box.HG1.12:TBX4/TBX5
PFAM: T−box
motif: ARCH837_Tbx10/Tbx1_Tbx18/Tb...
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 63
gene expression correlation: 0.1830
gene score correlation: 0.2543



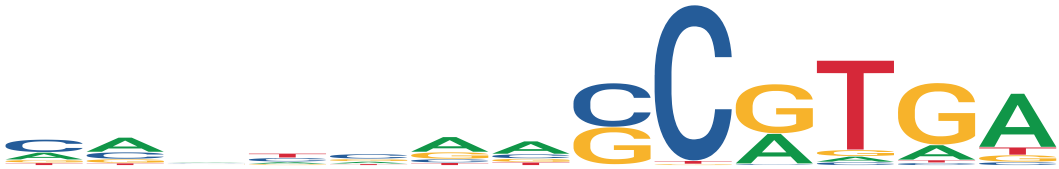
Nvec_vc1.1_XM_001633995.3
OG: Homeodomains.HG3.22:IRX1/IRX2/IRX3/
PFAM: Homeobox_KN
motif: ARCH126_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 35
gene expression correlation: −0.0166
gene score correlation: 0.1934

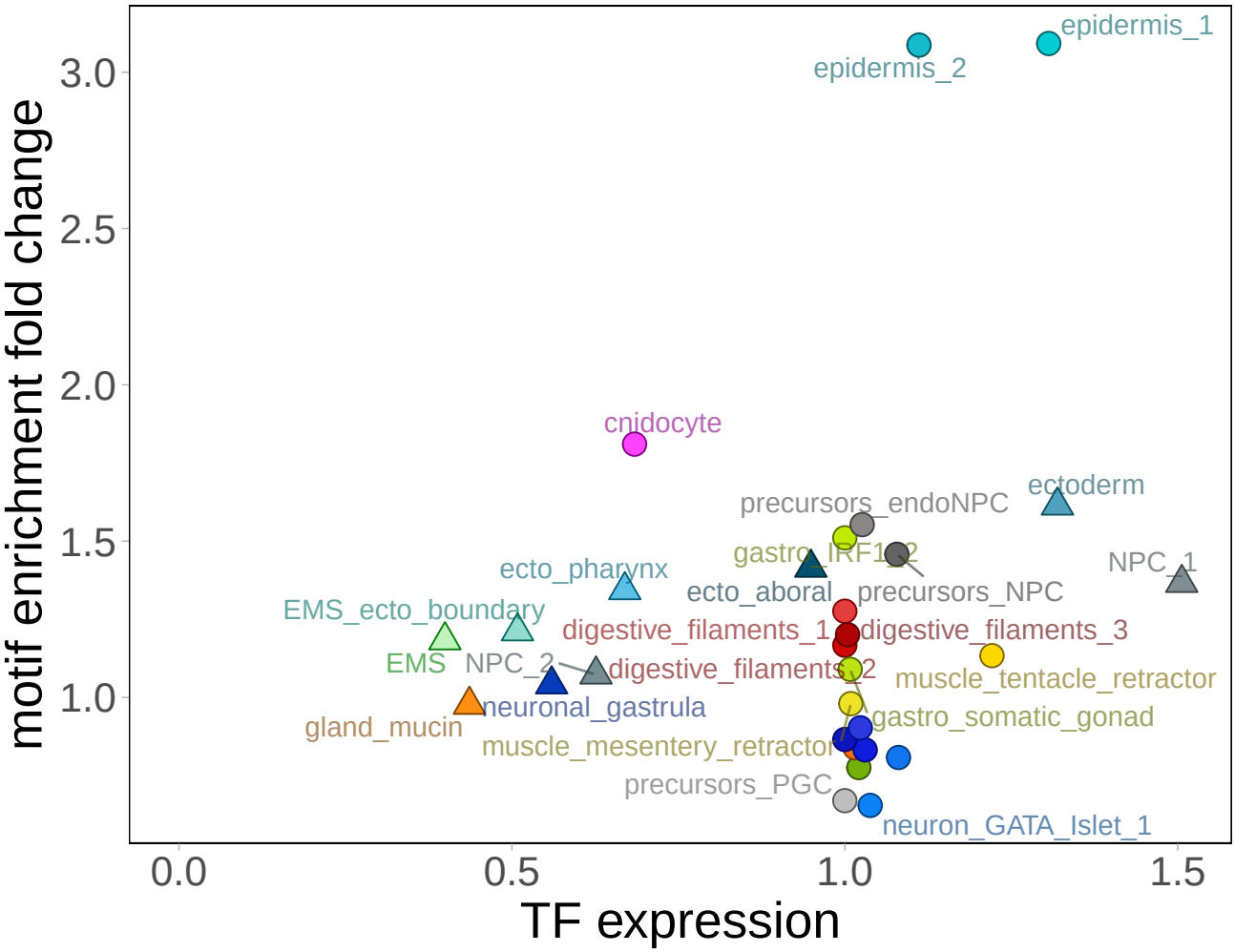


Nvec_vc1.1_XM_001634111.3
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.1605
gene score correlation: 0.4466

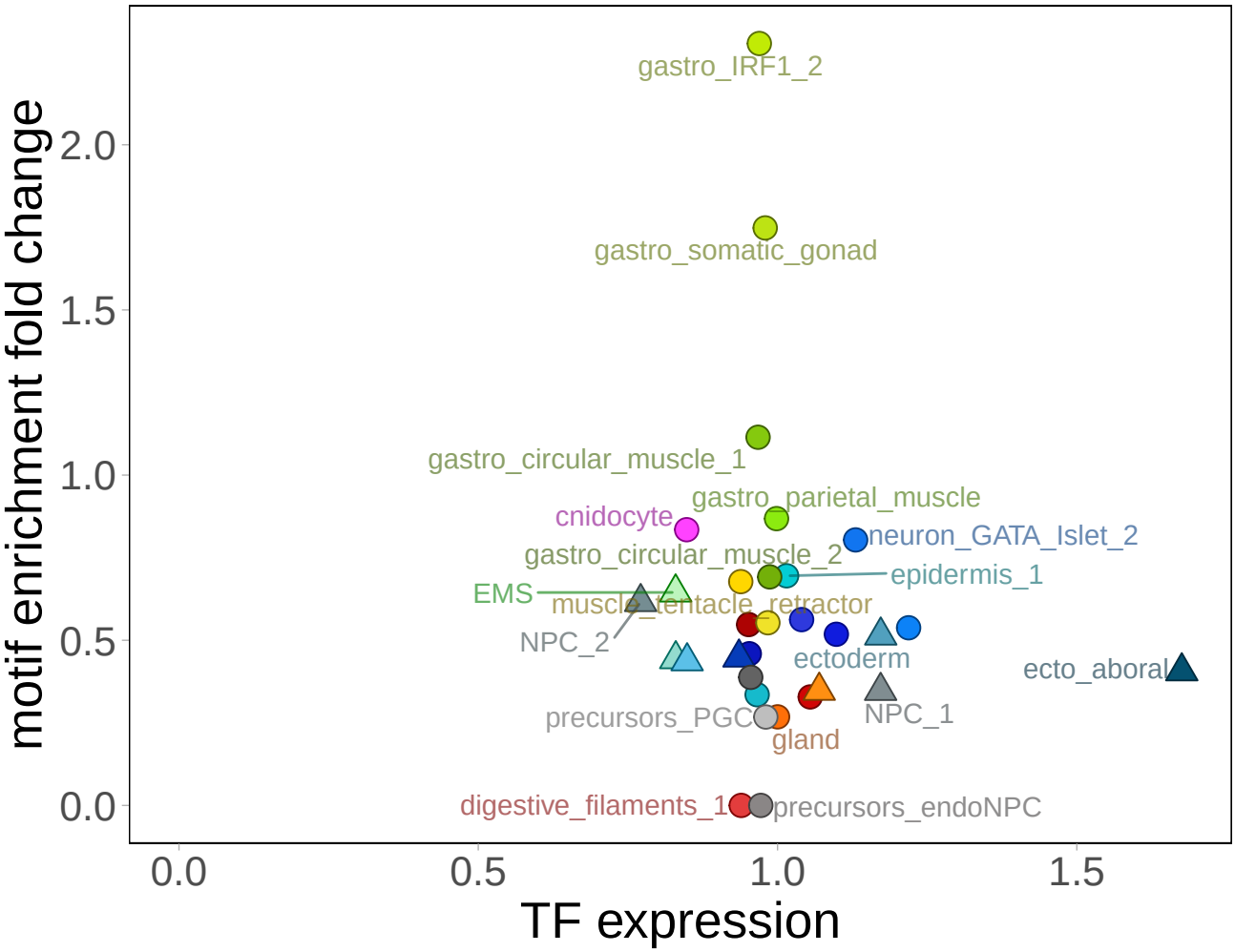


Nvec_vc1.1_XM_001634116.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
motif: ARCH1236_M06436_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.2263
gene score correlation: 0.7103

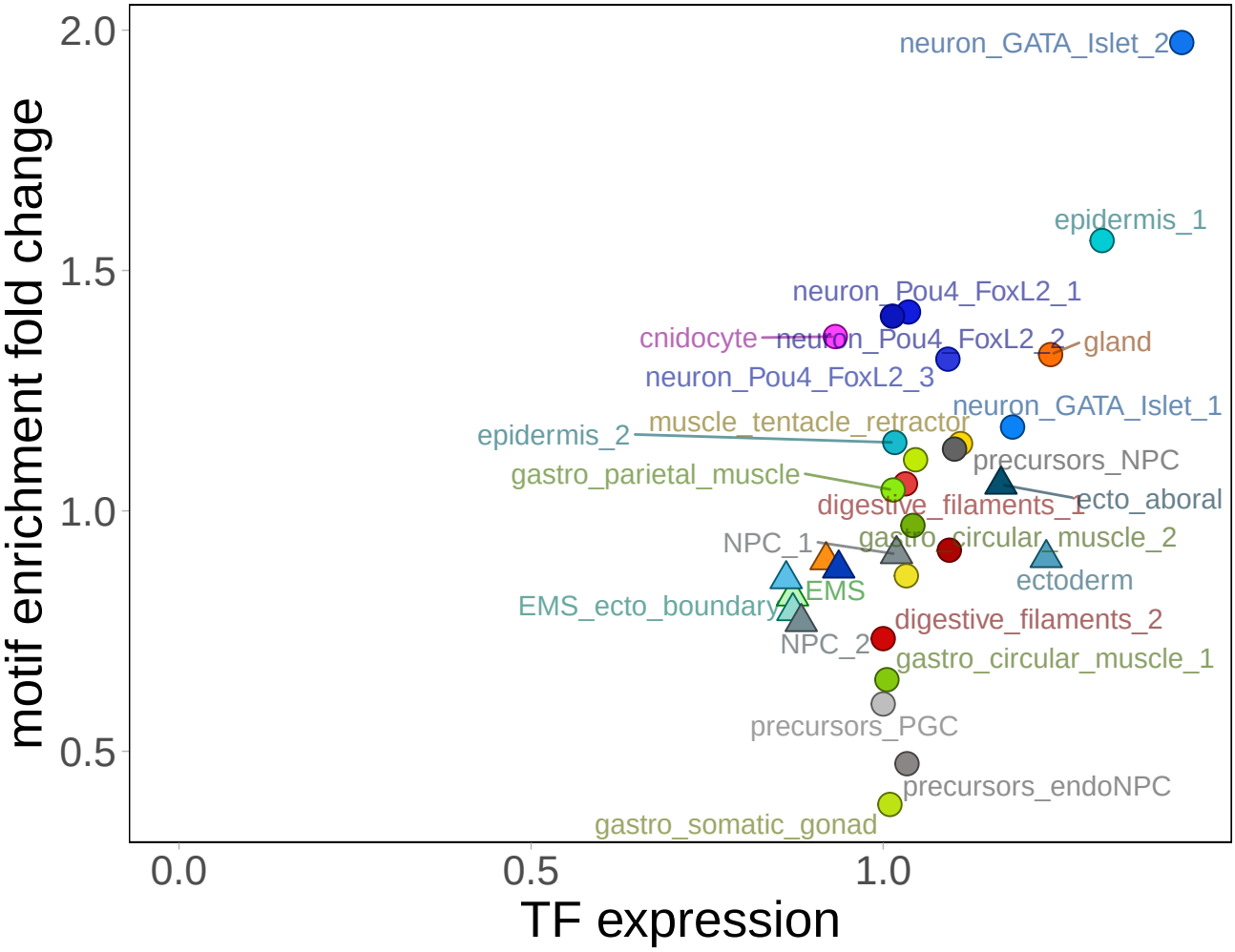




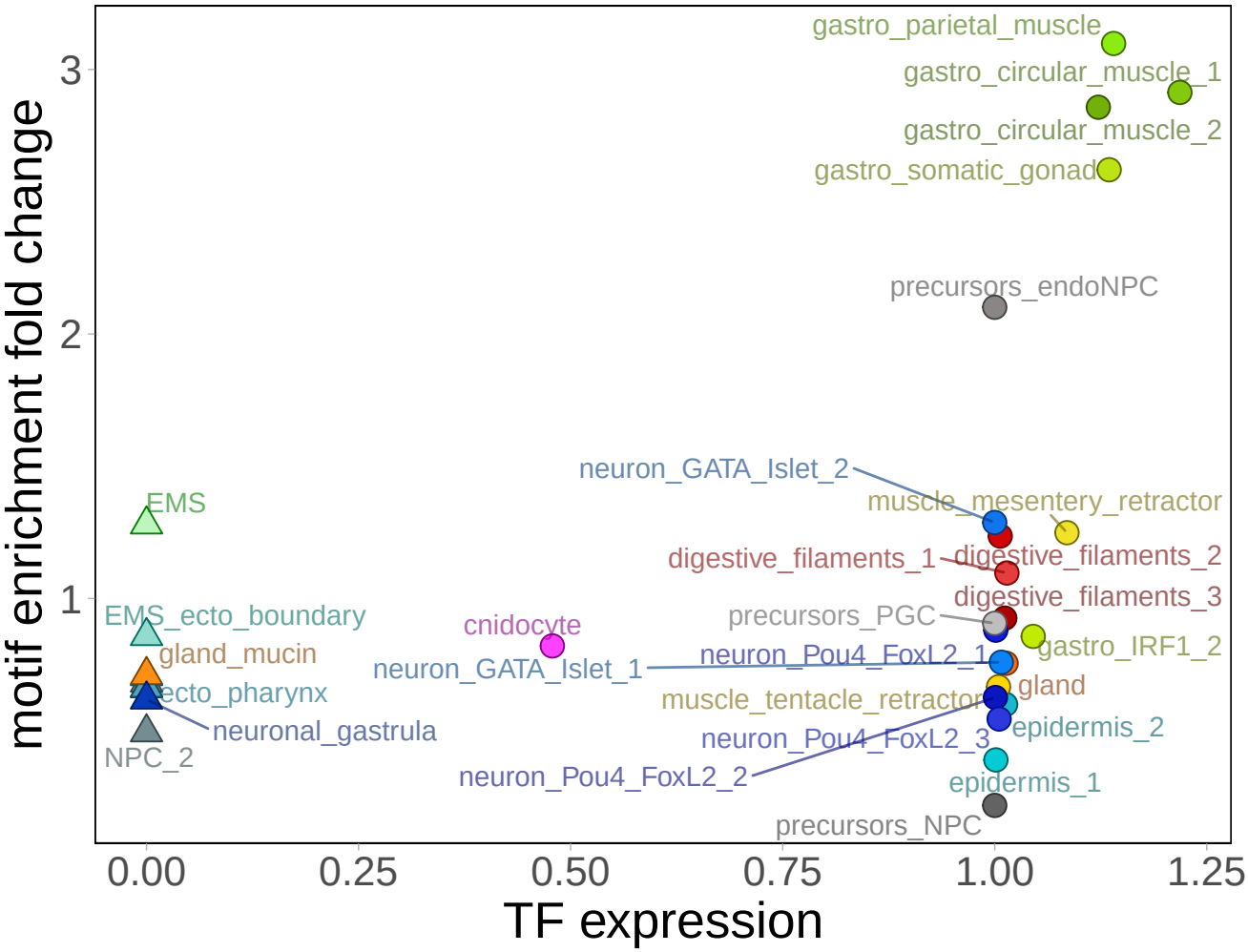
Nvec_vc1.1_XM_001634132.3
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5
PFAM: zf−C2H2/zf−C2H2
motif: ARCH405_Sp6/Sp5_Sp7/Sp8/Sp9
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 860
gene expression correlation: −0.0982
gene score correlation: −0.1585



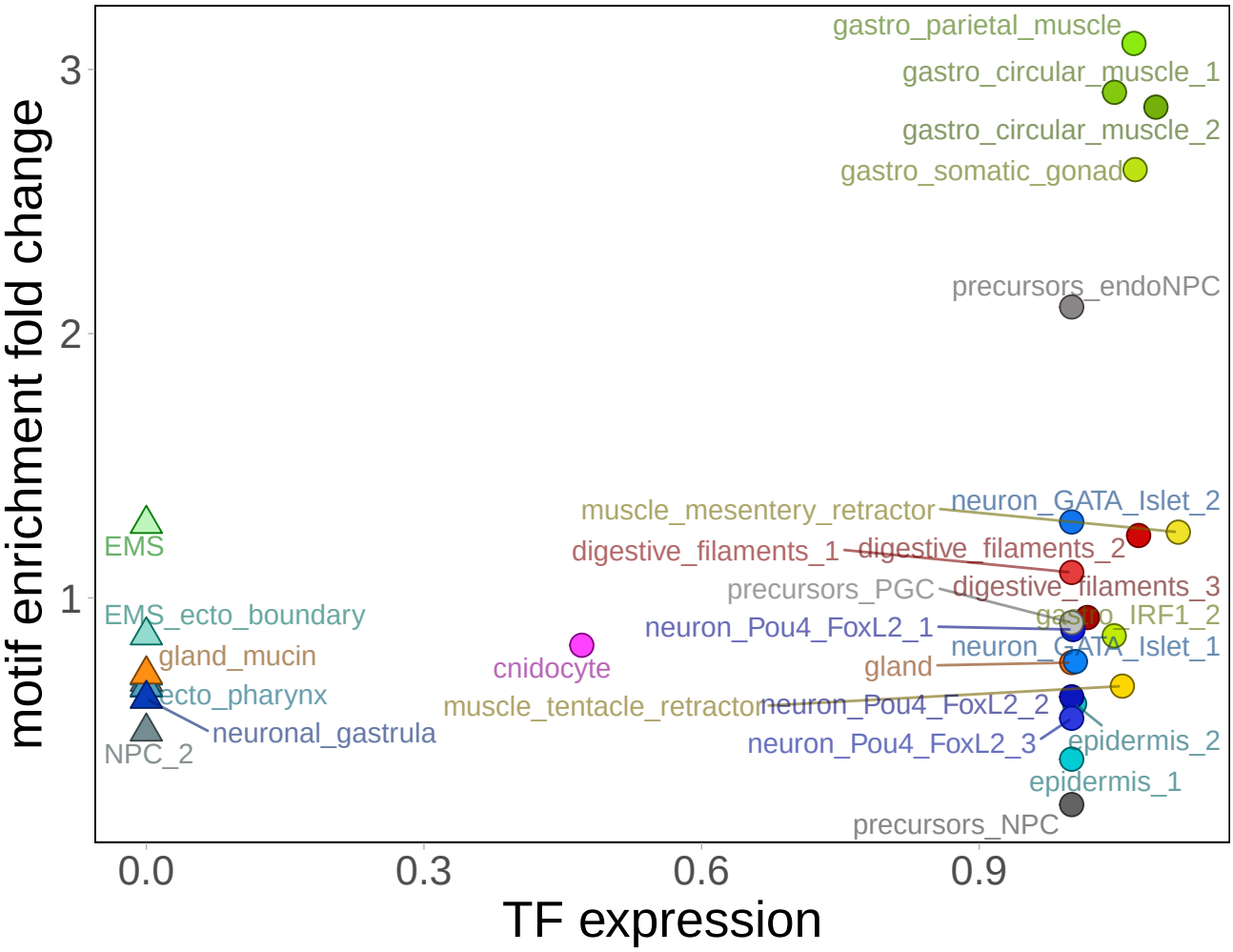
Nvec_vc1.1_XM_001634160.3
OG: Homeodomains.HG2.57:RAX/RAX2
PFAM: Homeodomain/OAR
motif: ARCH1028_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 20
gene expression correlation: 0.6150
gene score correlation: 0.3745



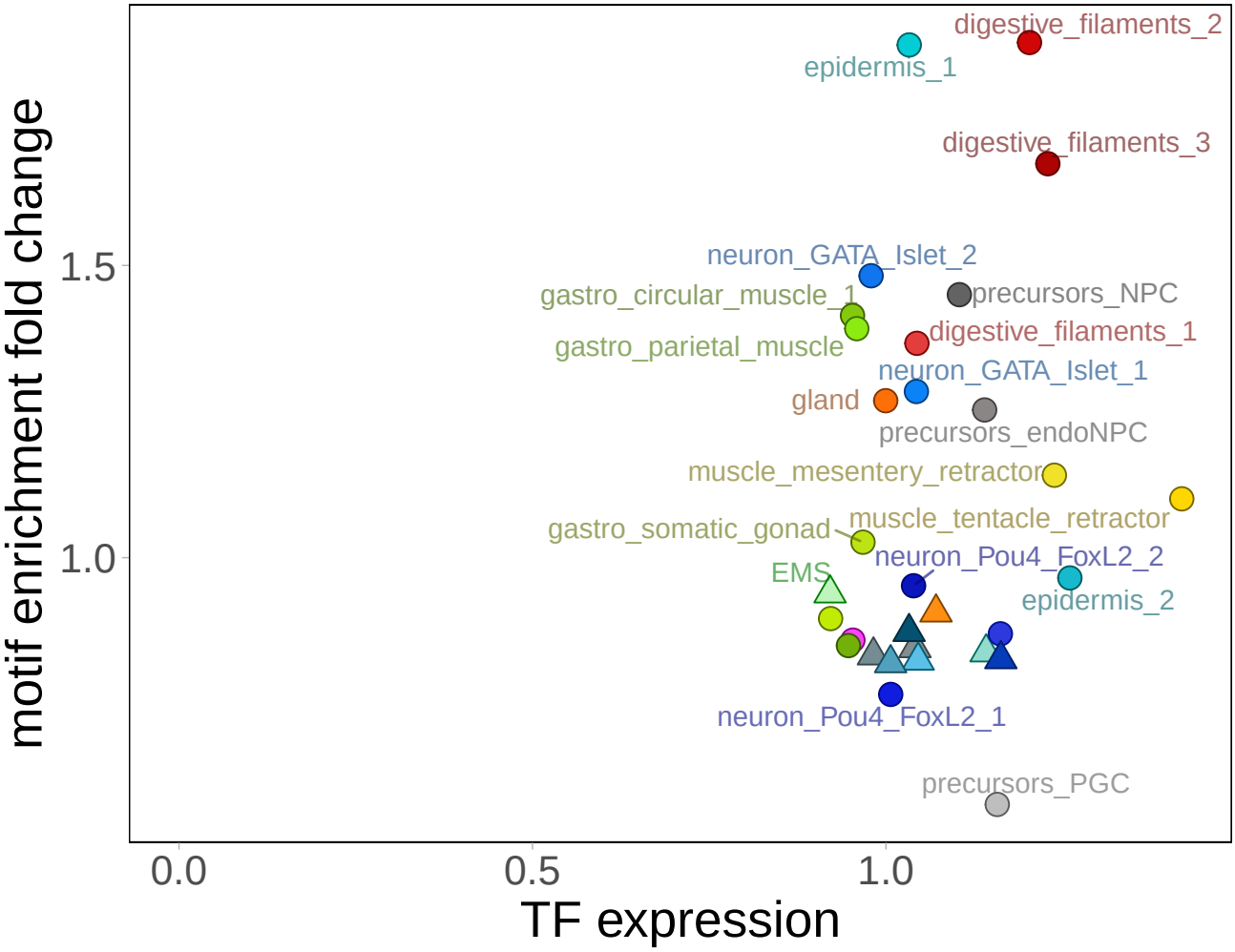
Nvec_vc1.1_XM_001634198.3
OG: Homeodomains.HG1.70:HOXA2/HOXB2/P
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3967
gene score correlation: 0.7624



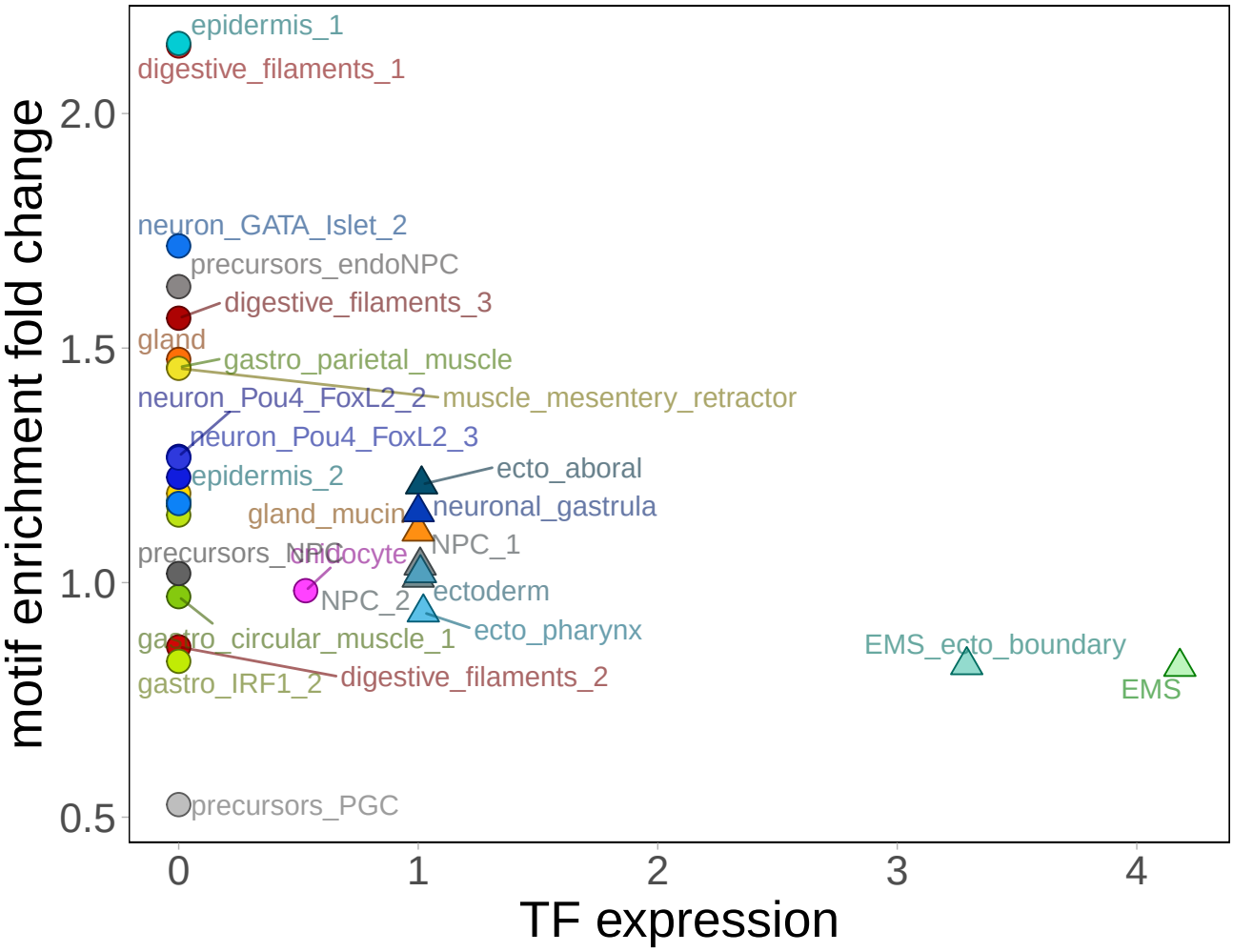
Nvec_vc1.1_XM_001634199.3
OG: Homeodomains.HG1.70:HOXA2/HOXB2/H
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3476
gene score correlation: 0.7654



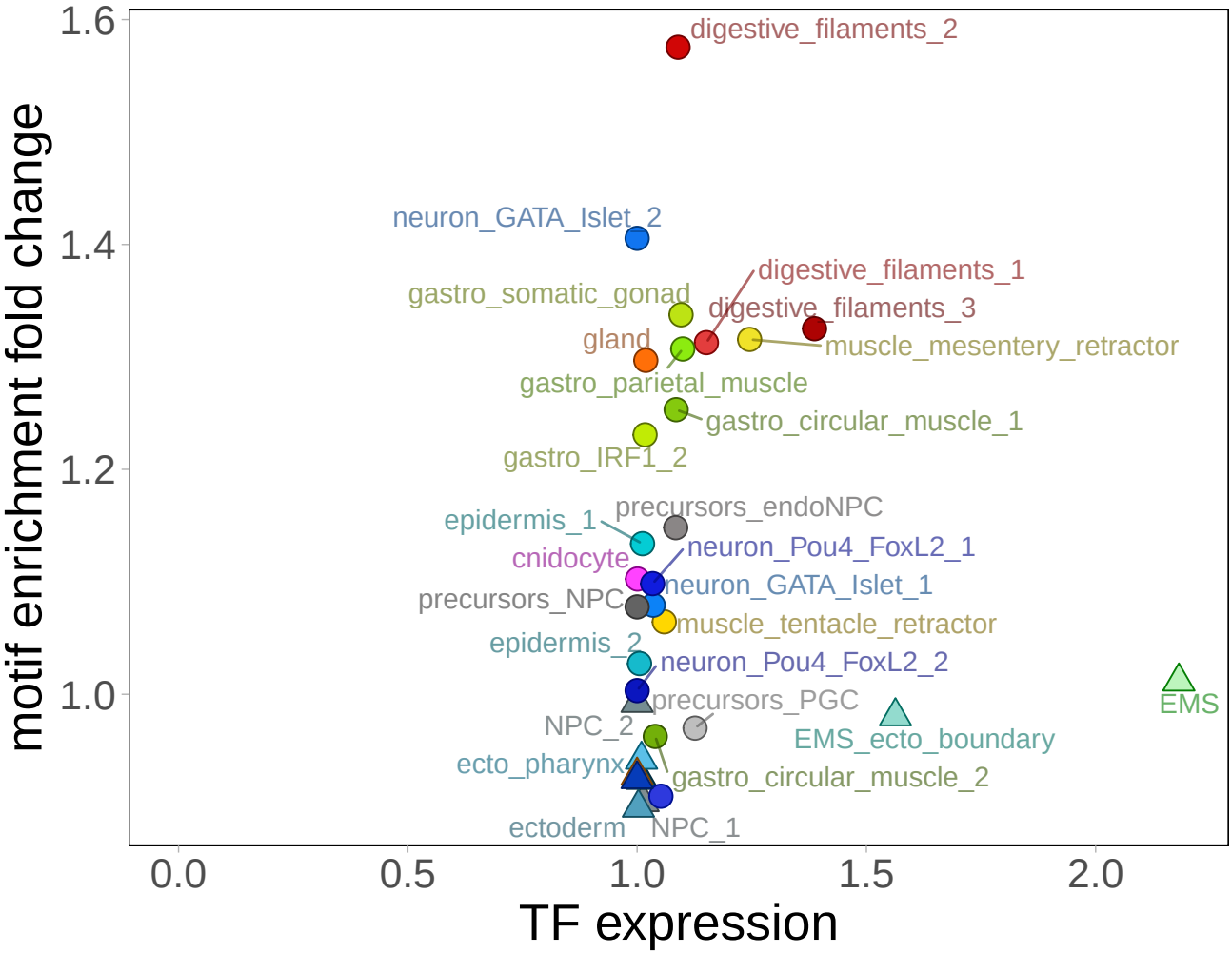
Nvec_vc1.1_XM_001634460.3
OG: bZIP.HG2.13:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH952_Fos/Fosb/Fosl1/Fosl...
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 98
gene expression correlation: 0.1209
gene score correlation: 0.1820



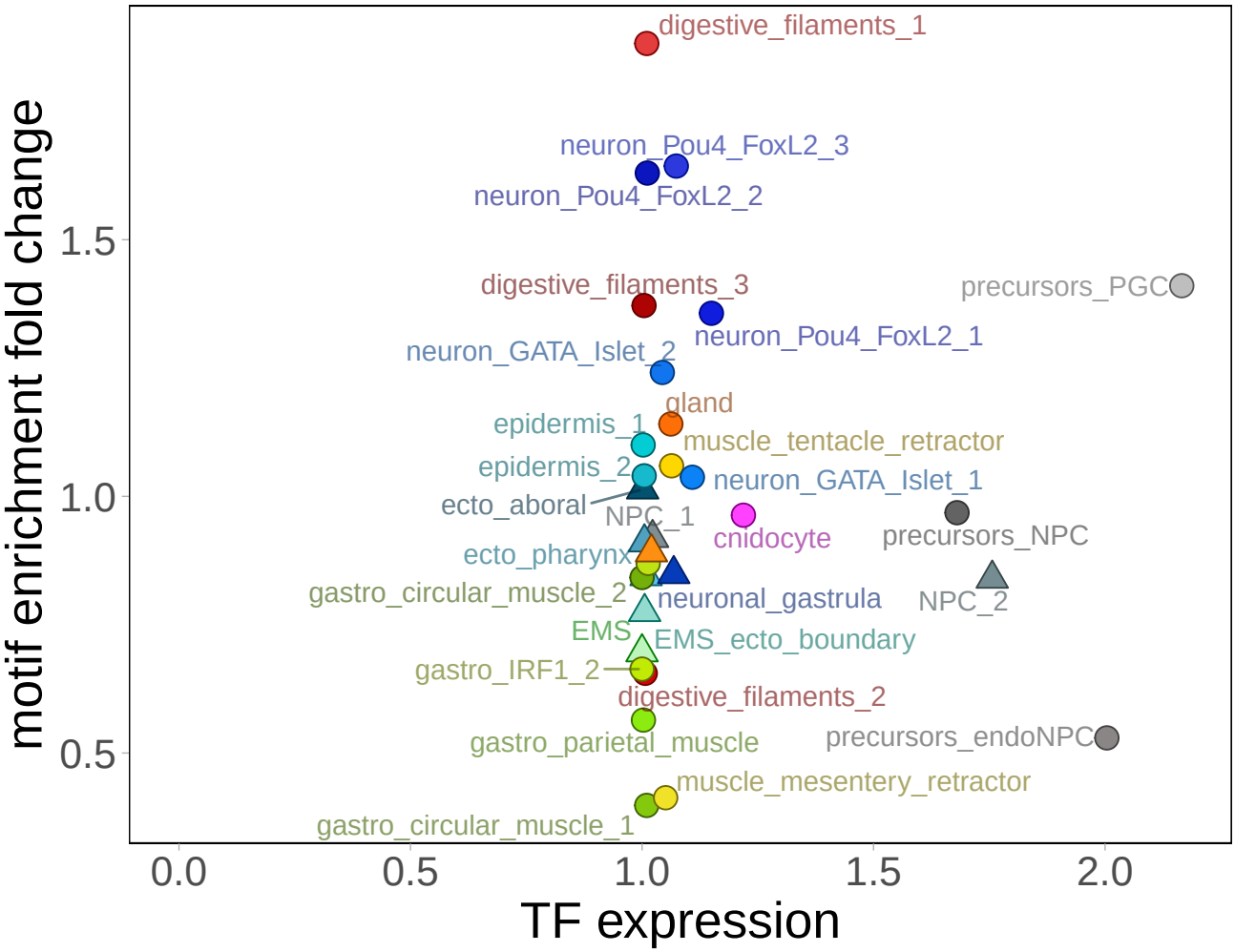
Nvec_vc1.1_XM_001634768.3
OG: Homeodomains.HG2.11:DUX4/DUXA/DU
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 72
gene expression correlation: −0.3828
gene score correlation: −0.4044



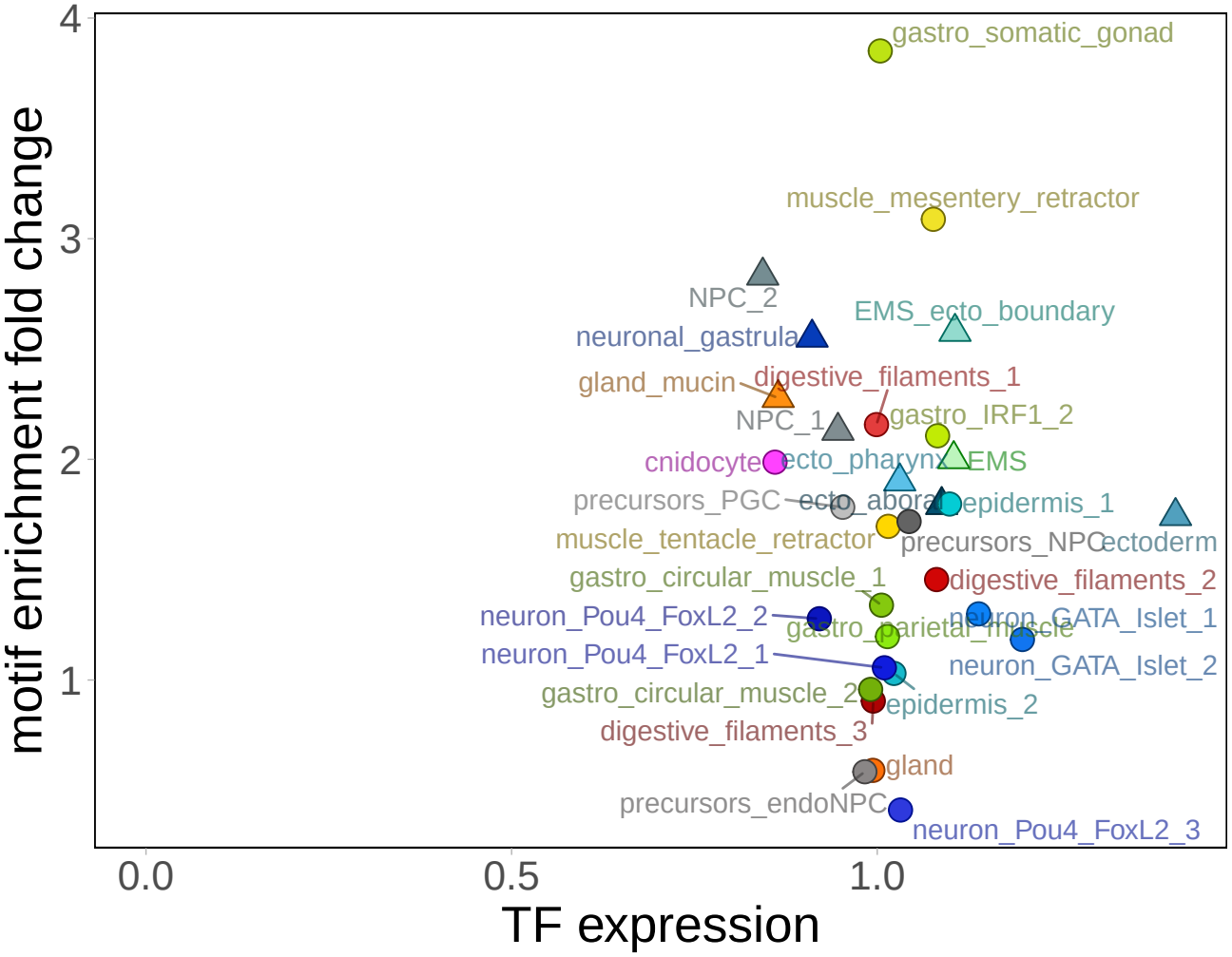
Nvec_vc1.1_XM_001634956.3
OG: Homeodomains.HG2.43:GSC/GSC2
PFAM: Homeodomain
motif: ARCH1633_M02161_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.0240
gene score correlation: 0.2802



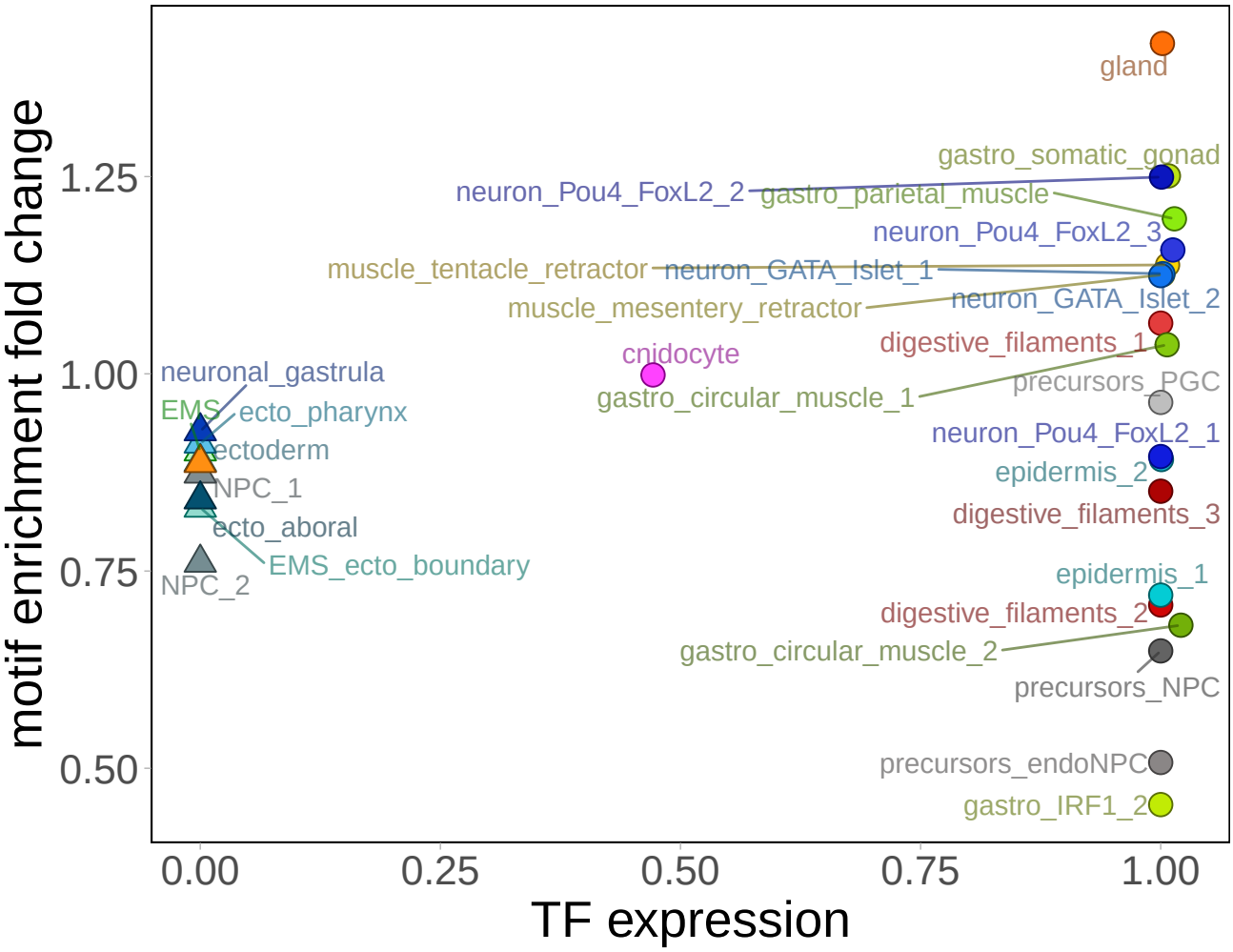
Nvec_vc1.1_XM_001635015.3
OG: Homeodomains.HG2.68:like:ARX/OTP
PFAM: Homeodomain
motif: ARCH41_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 219
gene expression correlation: 0.0042
gene score correlation: −0.0896



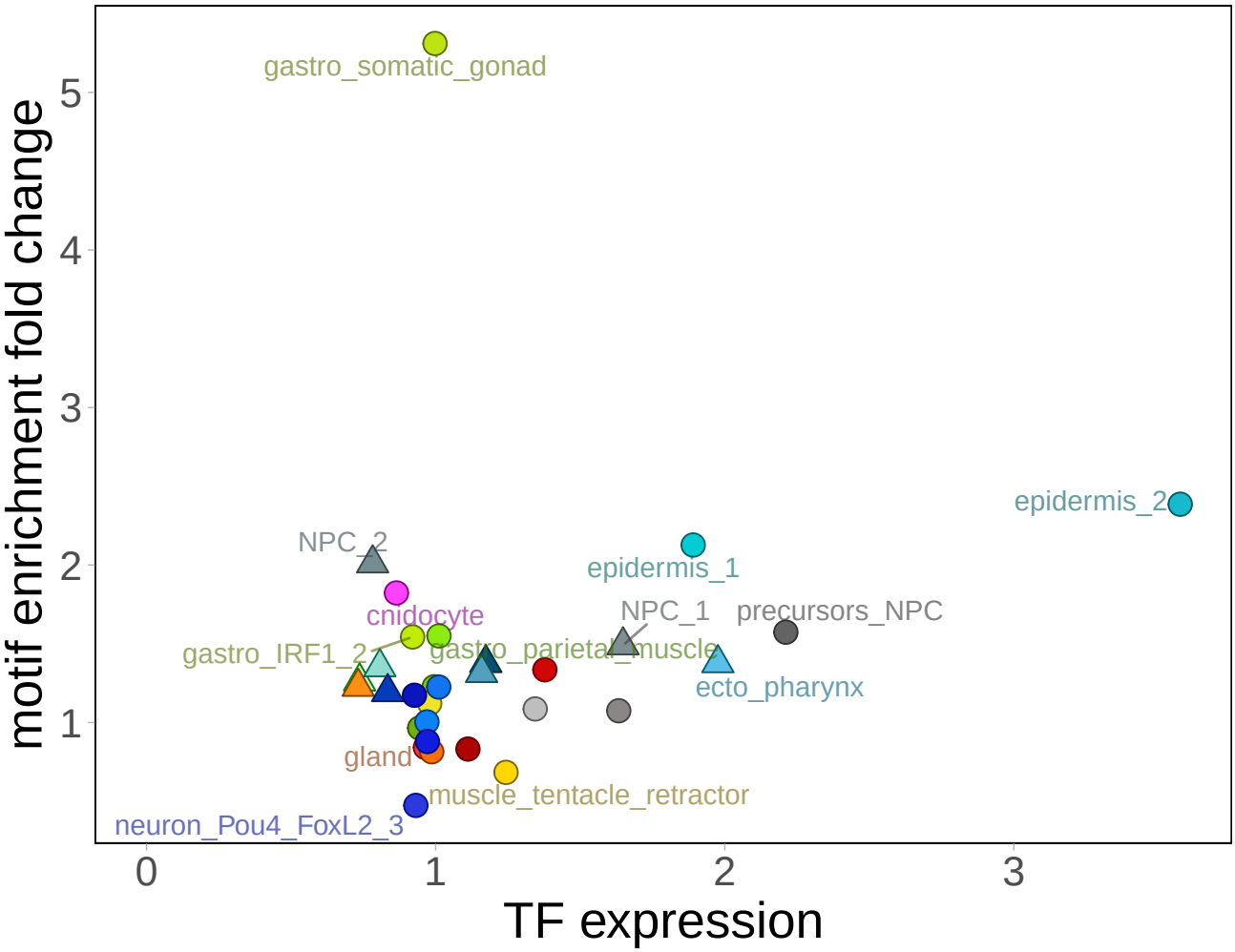
Nvec_vc1.1_XM_001635041.3
OG: MADS−box_SRF.HG1.0:SRF
PFAM: SRF−TF
motif: ARCH1309_Srf
TF family: MADS−box_SRF
archetype family: MADS−box_SRF
CisBP assigned: TRUE
rank: 286
gene expression correlation: −0.1118
gene score correlation: 0.1930



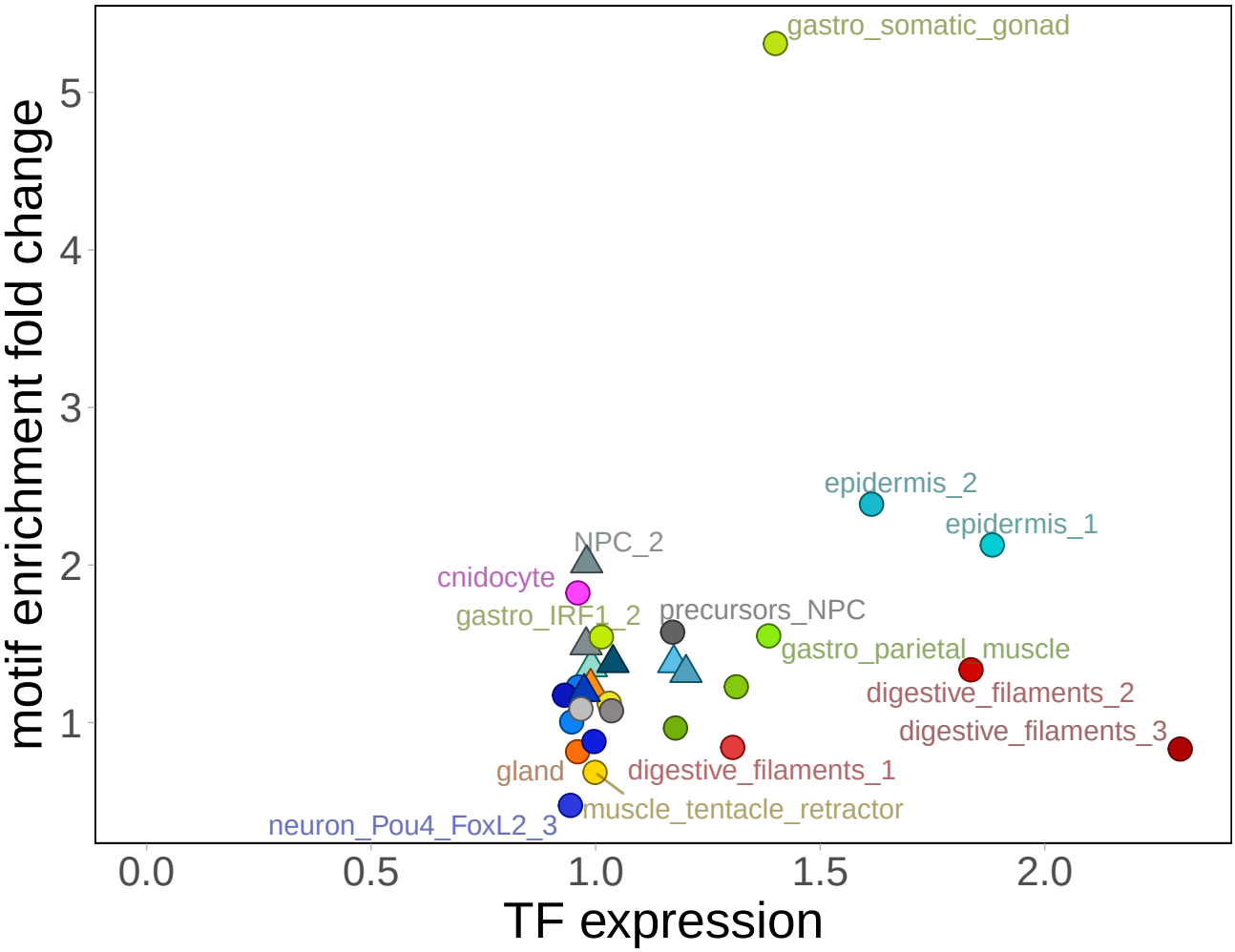
Nvec_vc1.1_XM_001635190.3
OG: zf−C2H2.HG1.30:like:AC008758.1/AC008
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 770
gene expression correlation: 0.1900
gene score correlation: 0.2890



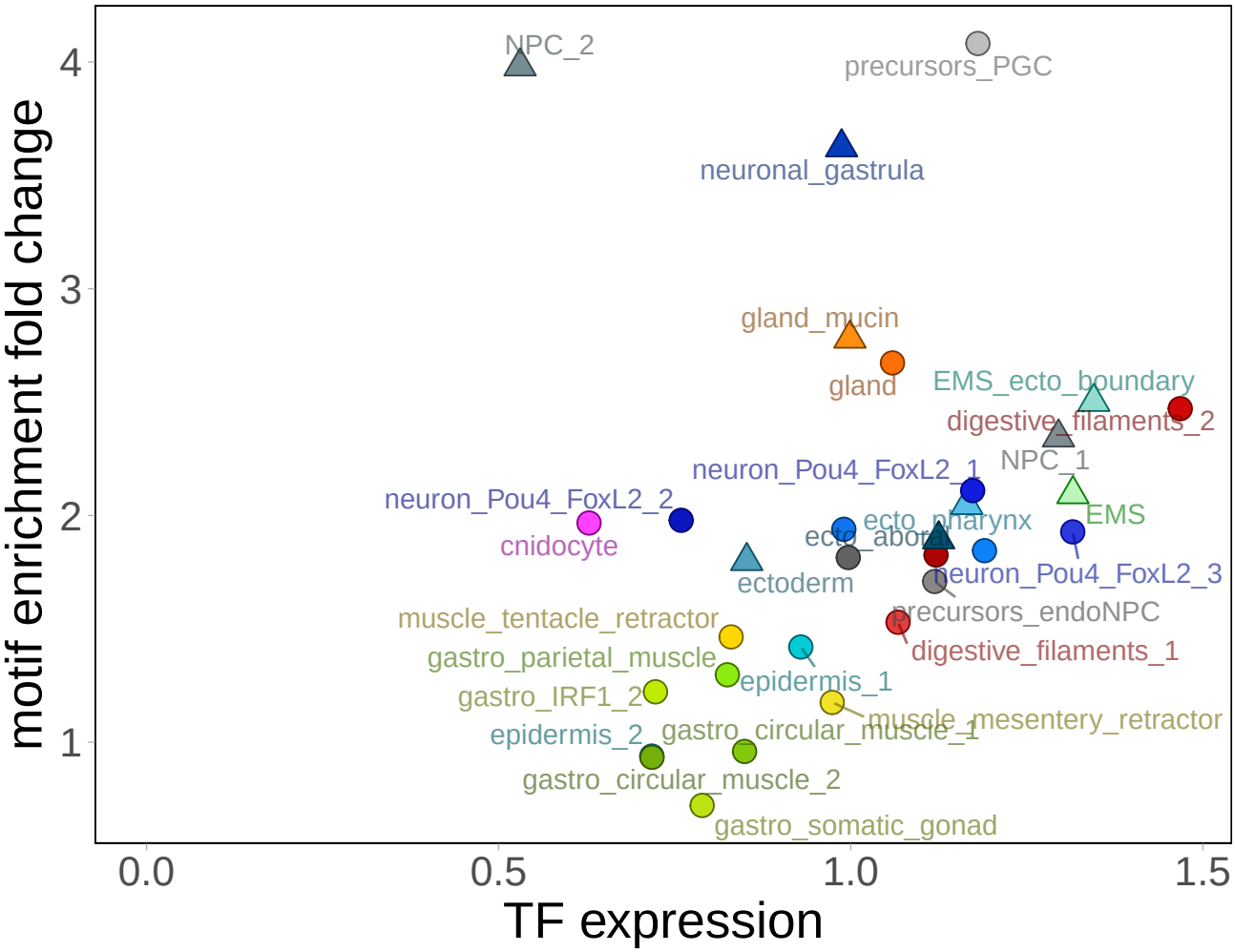
Nvec_vc1.1_XM_001635276.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.1993
gene score correlation: 0.2280



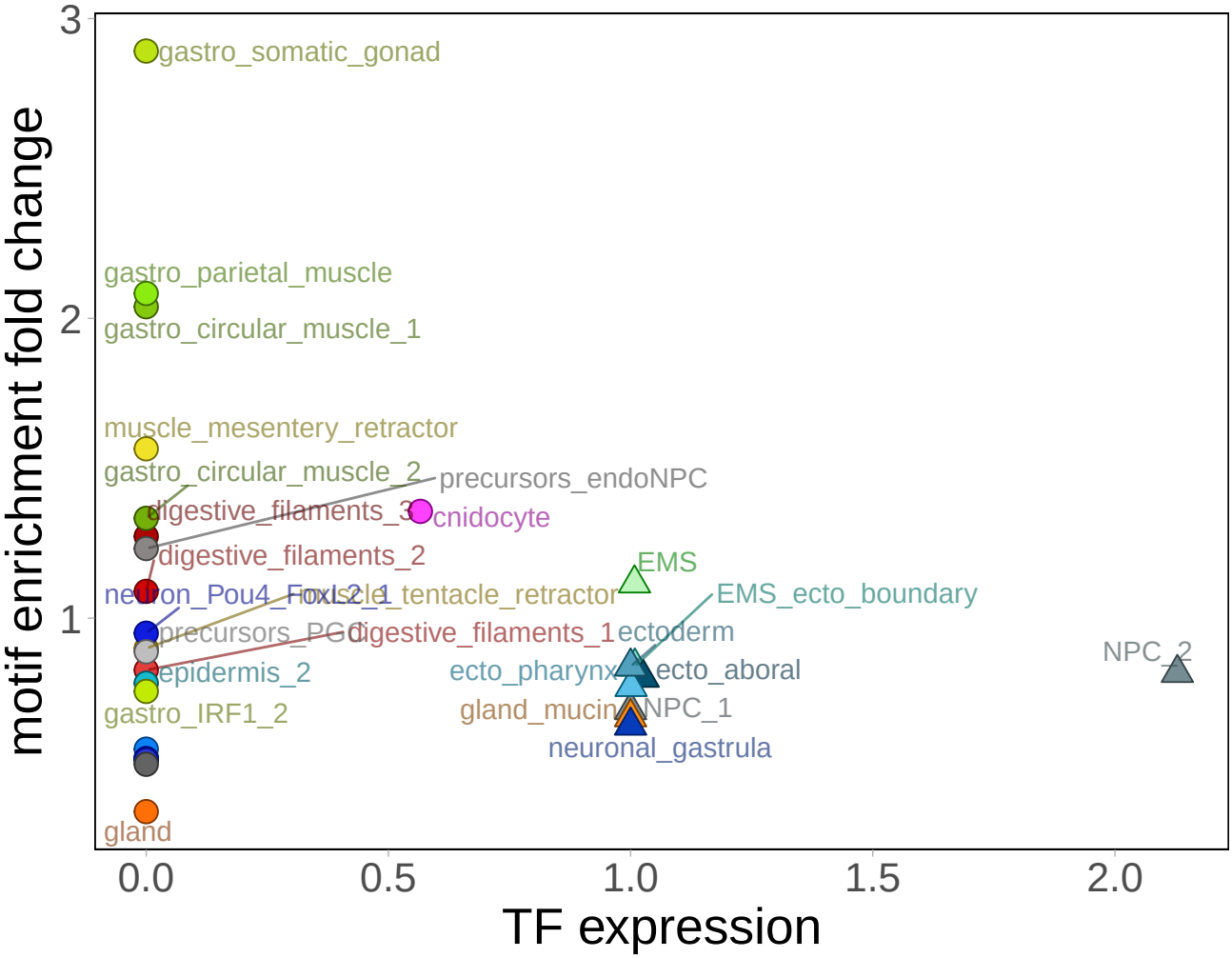
Nvec_vc1.1_XM_001635277.3
OG: HLH.HG1.62:like:HES5/HES7
PFAM: HLH/Hairy_orange
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.2223
gene score correlation: 0.1545



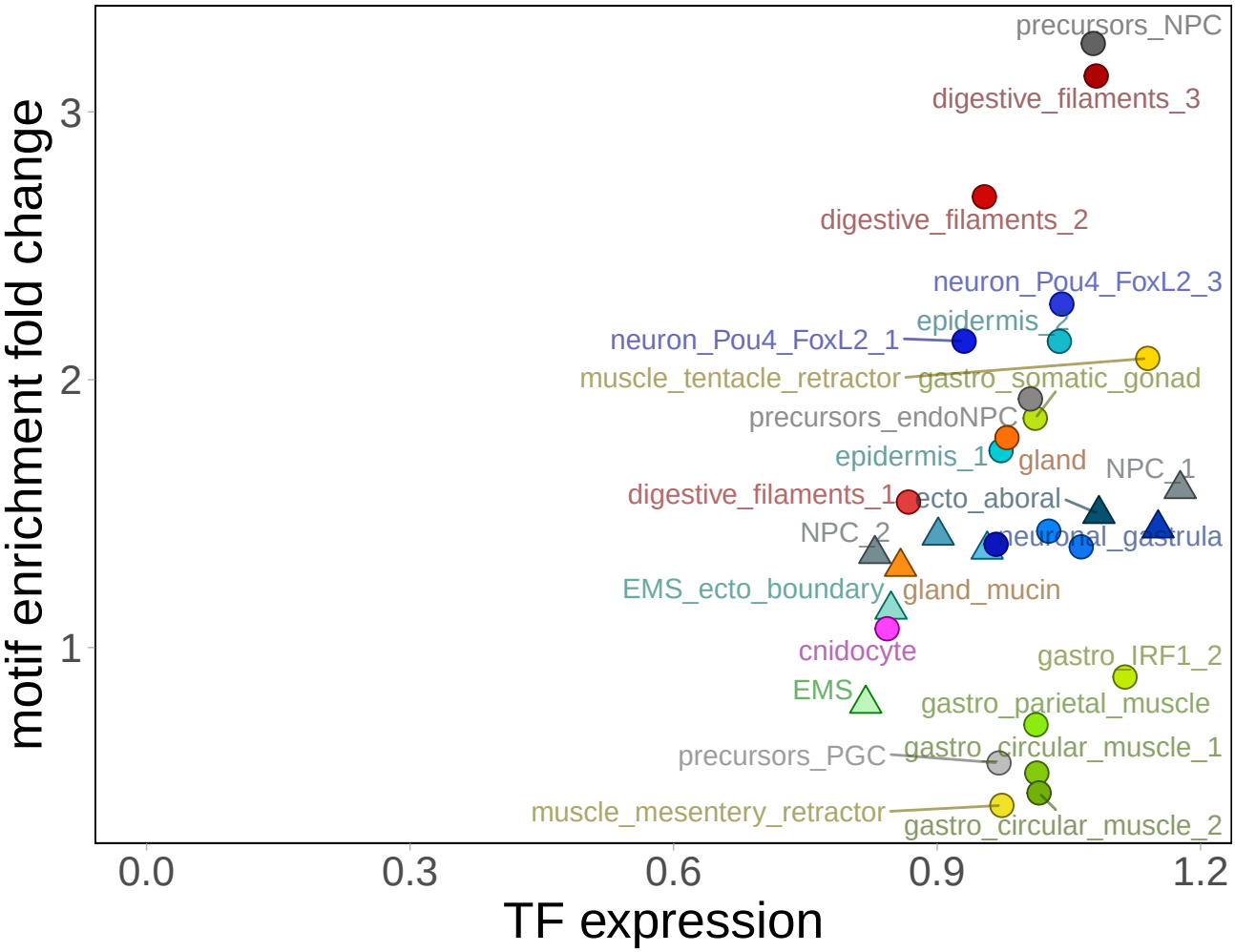
Nvec_vc1.1_XM_001635374.3
OG: Homeodomains.HG3.7:PBX1/PBX2/PBX3
PFAM: PBC/Homeodomain
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 16
gene expression correlation: 0.2500
gene score correlation: 0.4778



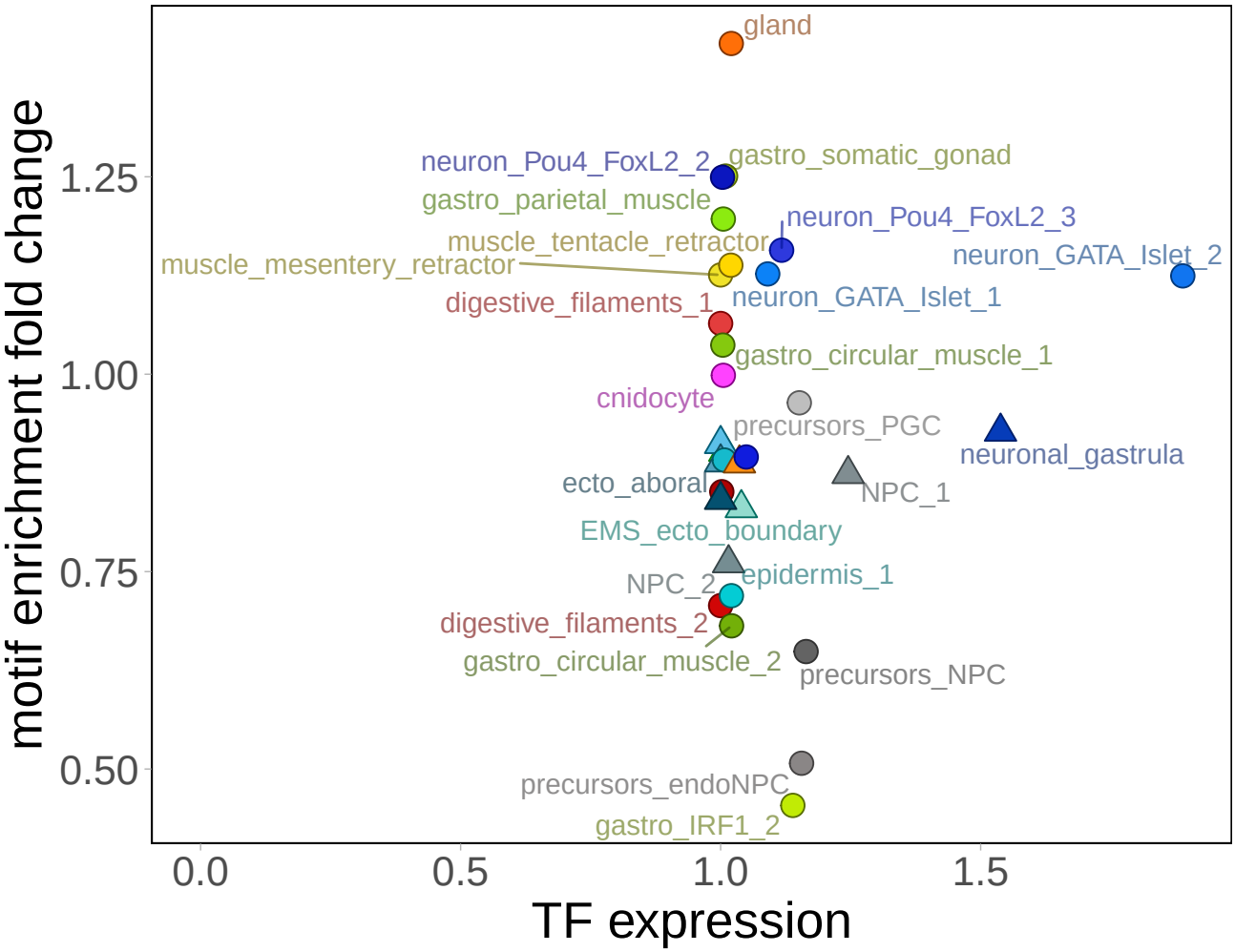
Nvec_vc1.1_XM_001635960.3
OG: zf−C4_Nuclear_receptors.HG1.25:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH1560_Hnf4g/Hnf4a_Nr2c1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 887
gene expression correlation: −0.1897
gene score correlation: −0.1558



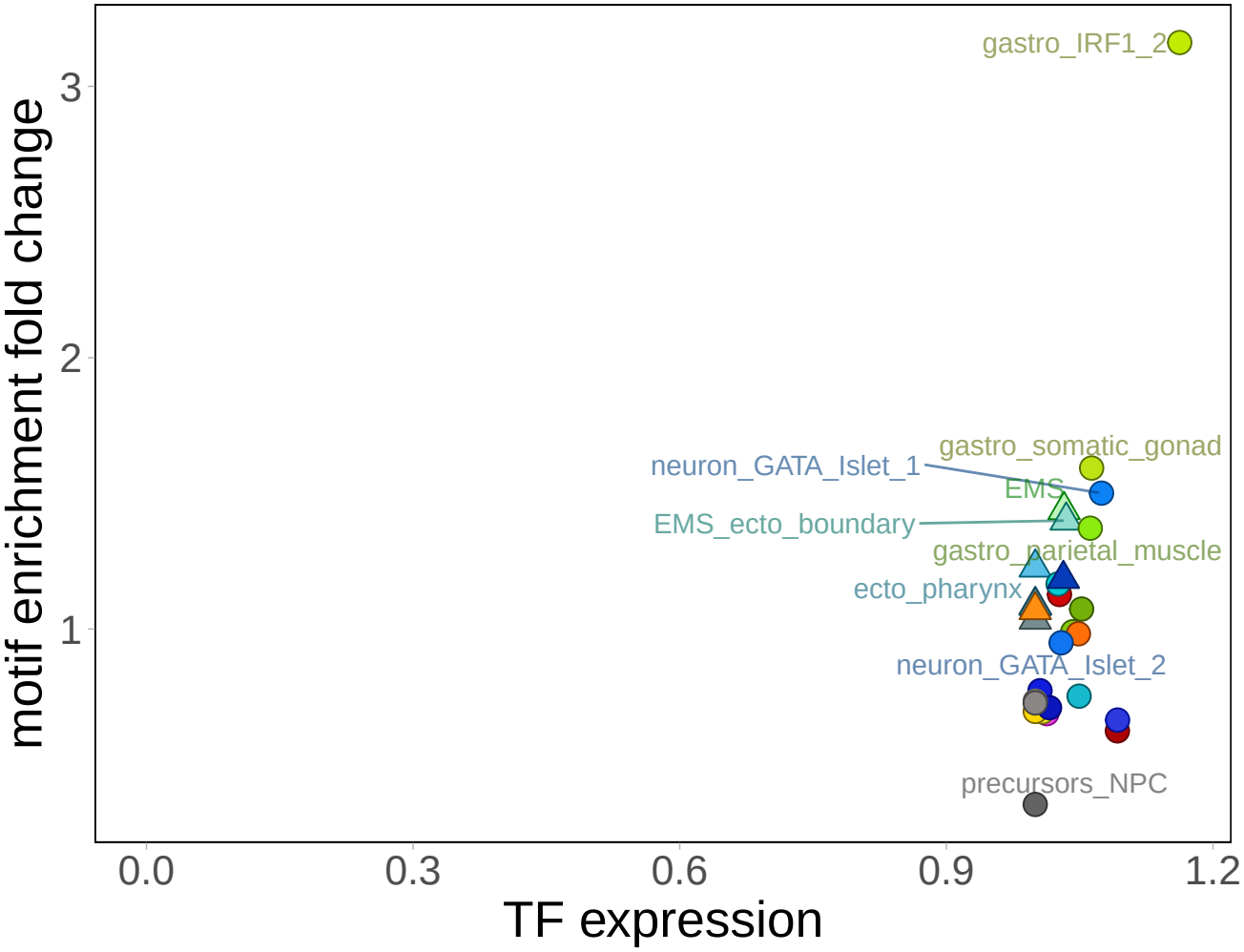
Nvec_vc1.1_XM_001636116.3
OG: TBP.HG1.3:TBP/TBPL2
PFAM: TBP/TBP
motif: ARCH66_Barx2/Barx1_Dlx4/Dlx...
TF family: TBP
archetype family: TBP
CisBP assigned: TRUE
rank: 549
gene expression correlation: 0.2743
gene score correlation: −0.0066



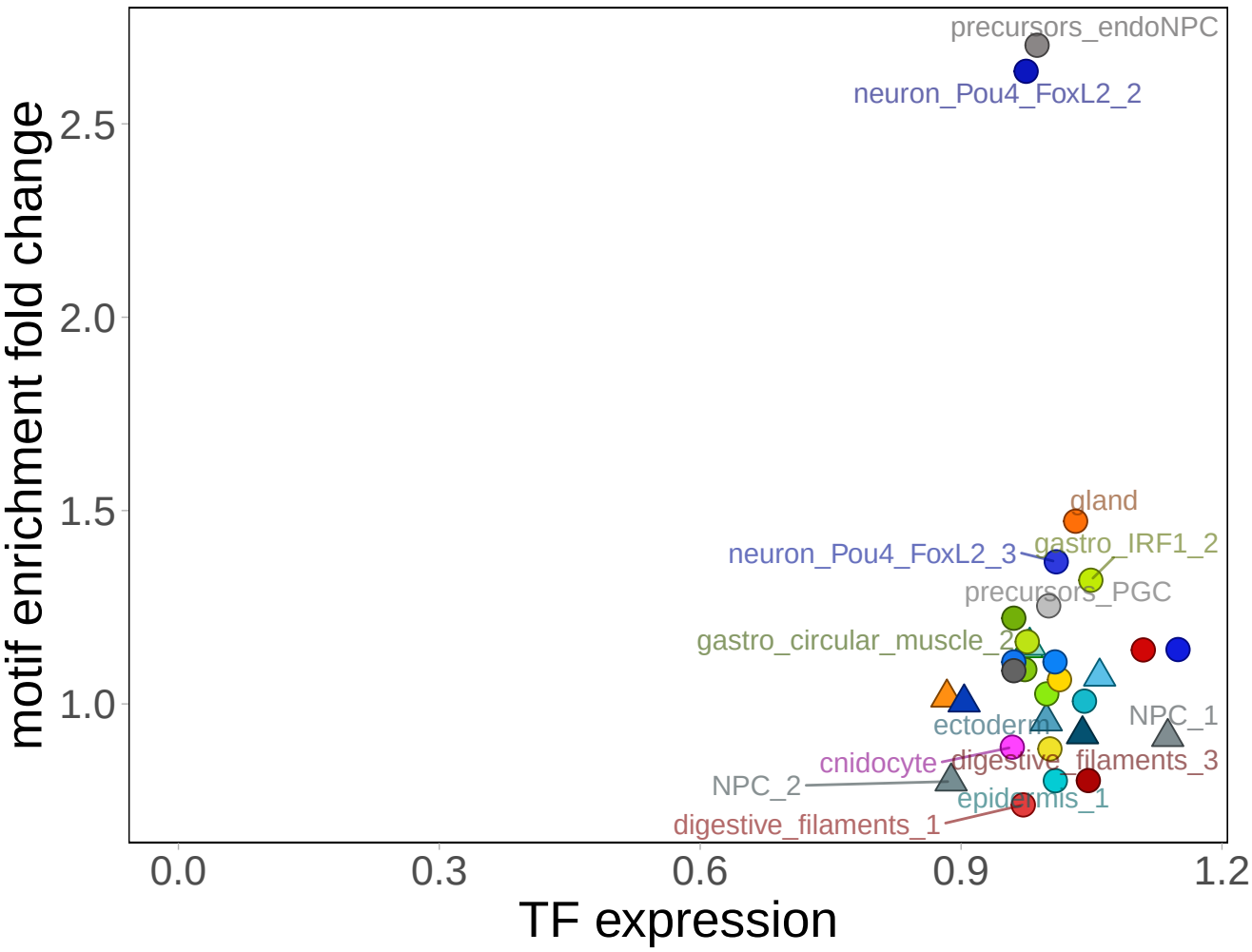
Nvec_vc1.1_XM_001636315.3
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GF
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 515
gene expression correlation: 0.0097
gene score correlation: 0.2923



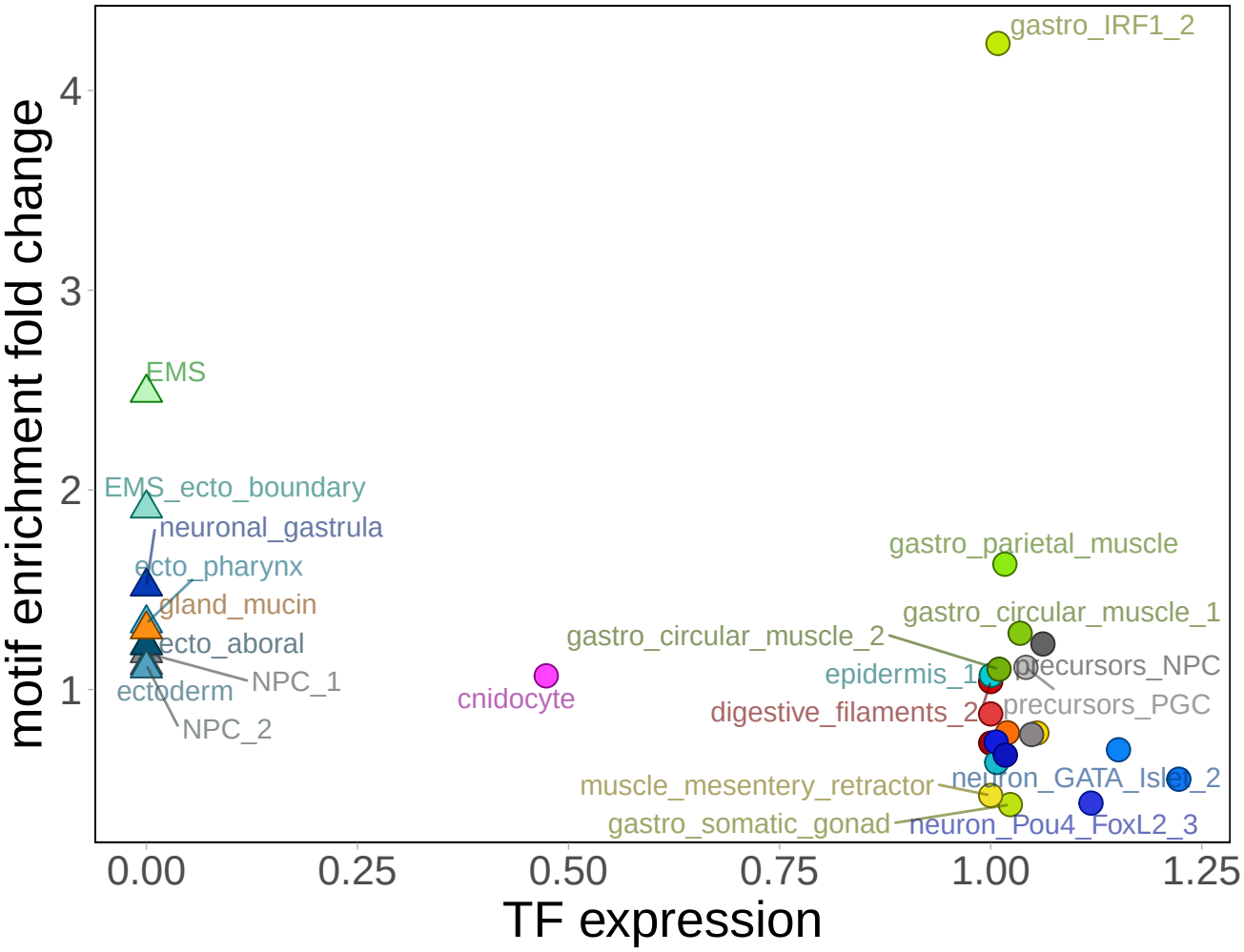
Nvec_vc1.1_XM_001636352.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: ARCH585_Spdef
TF family: Ets
archetype family: Ets
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.6316
gene score correlation: 0.5731



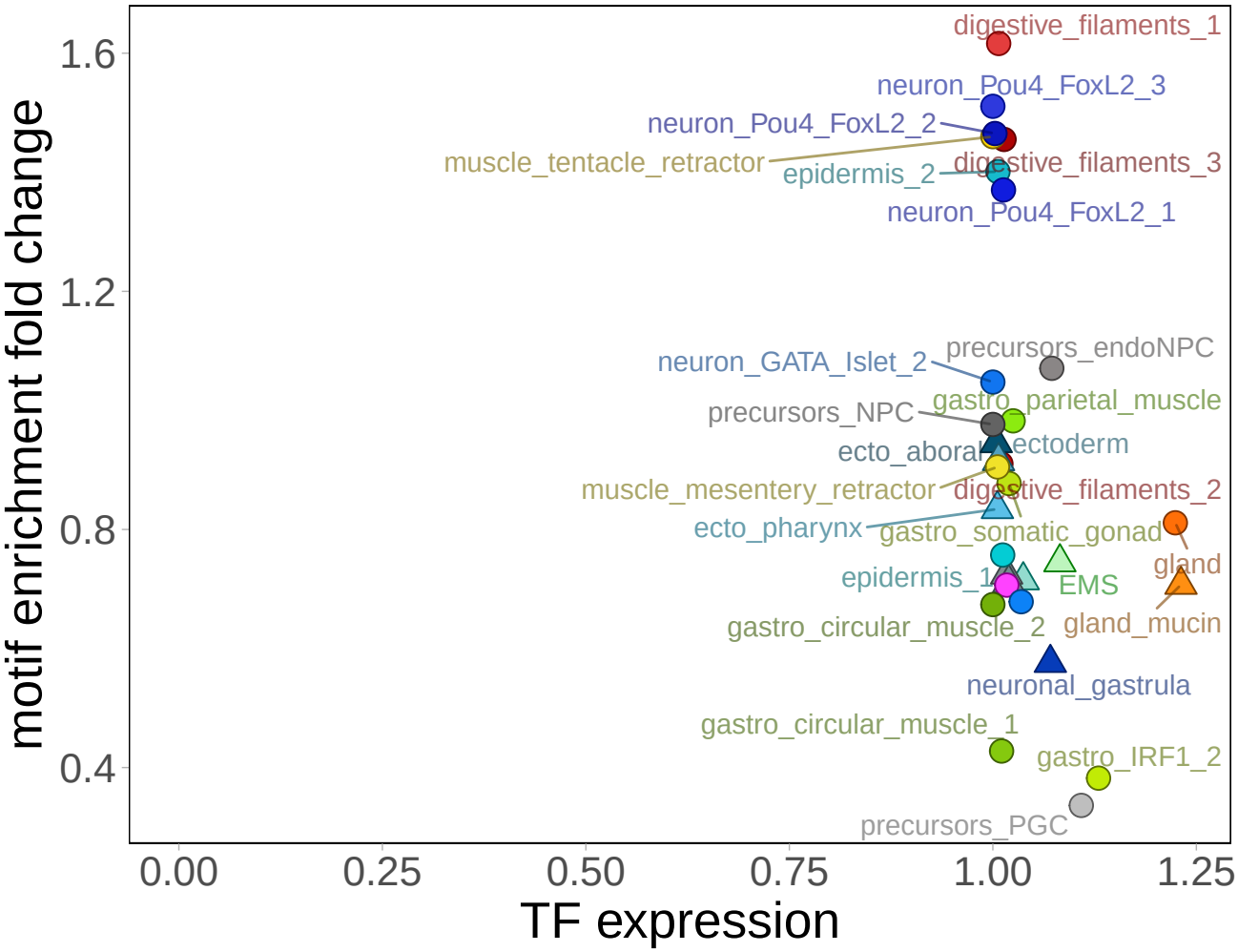
Nvec_vc1.1_XM_001636464.3
OG: Myb.HG7.0:TERF2IP
PFAM: BRCT_2/Myb_DNA−bind_2
motif: ARCH646_Msantd4/Mypop_Terf2ip
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 65
gene expression correlation: −0.0228
gene score correlation: 0.4455



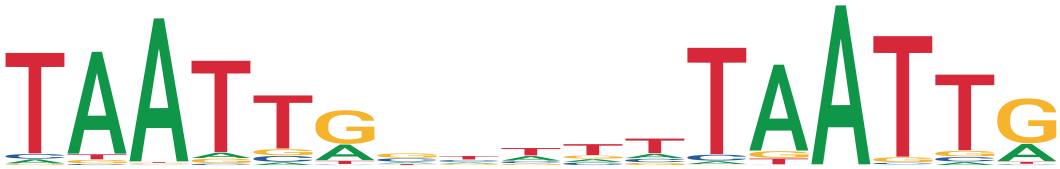
Nvec_vc1.1_XM_001636587.3
OG: zf−C4_Nuclear_receptors.HG1.11:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH562_Hnf4g/Hnf4a_Nr2c1/N...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 1351
gene expression correlation: −0.3005
gene score correlation: −0.3500

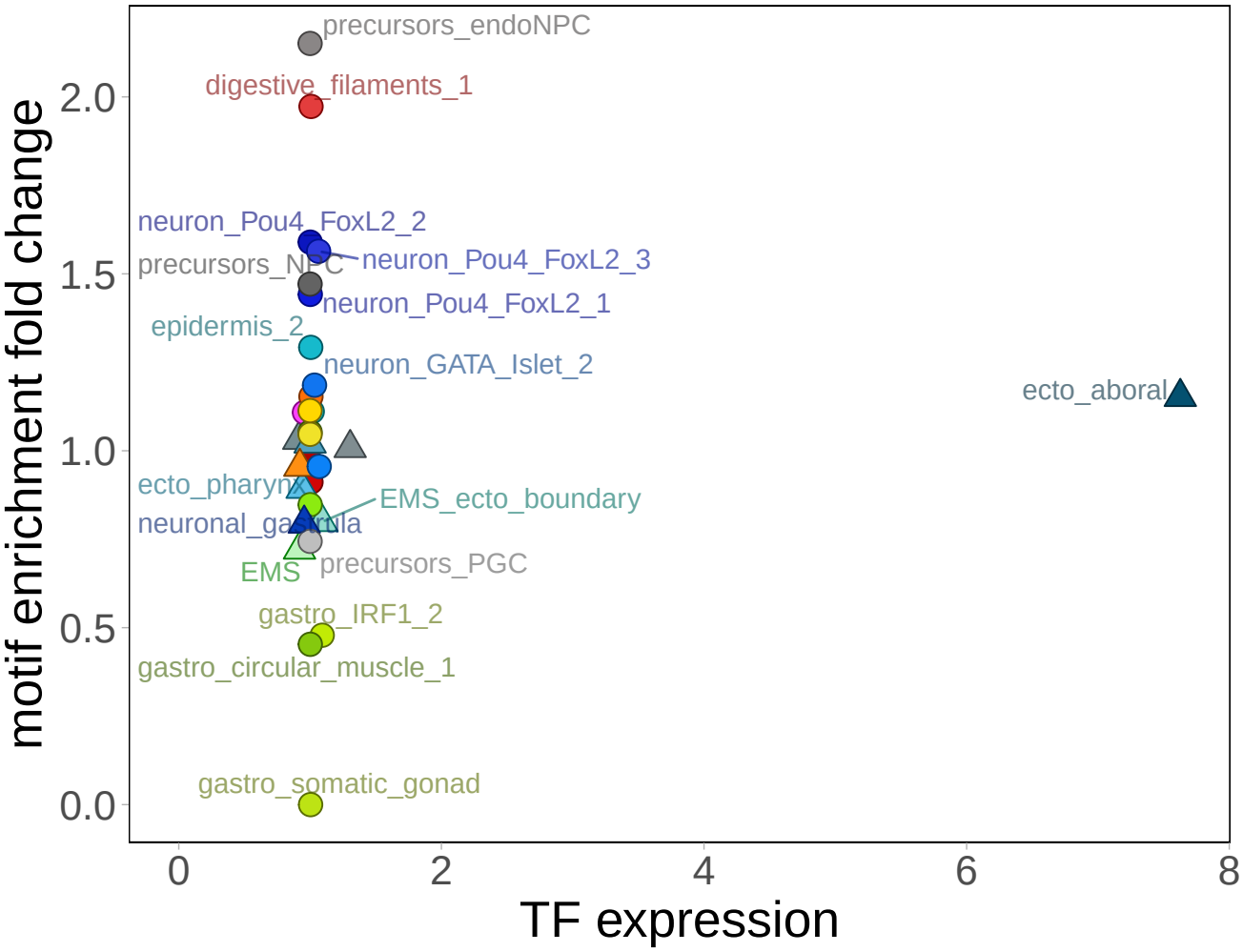


Nvec_vc1.1_XM_001636859.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain/OAR
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 106
gene expression correlation: −0.4034
gene score correlation: 0.0332

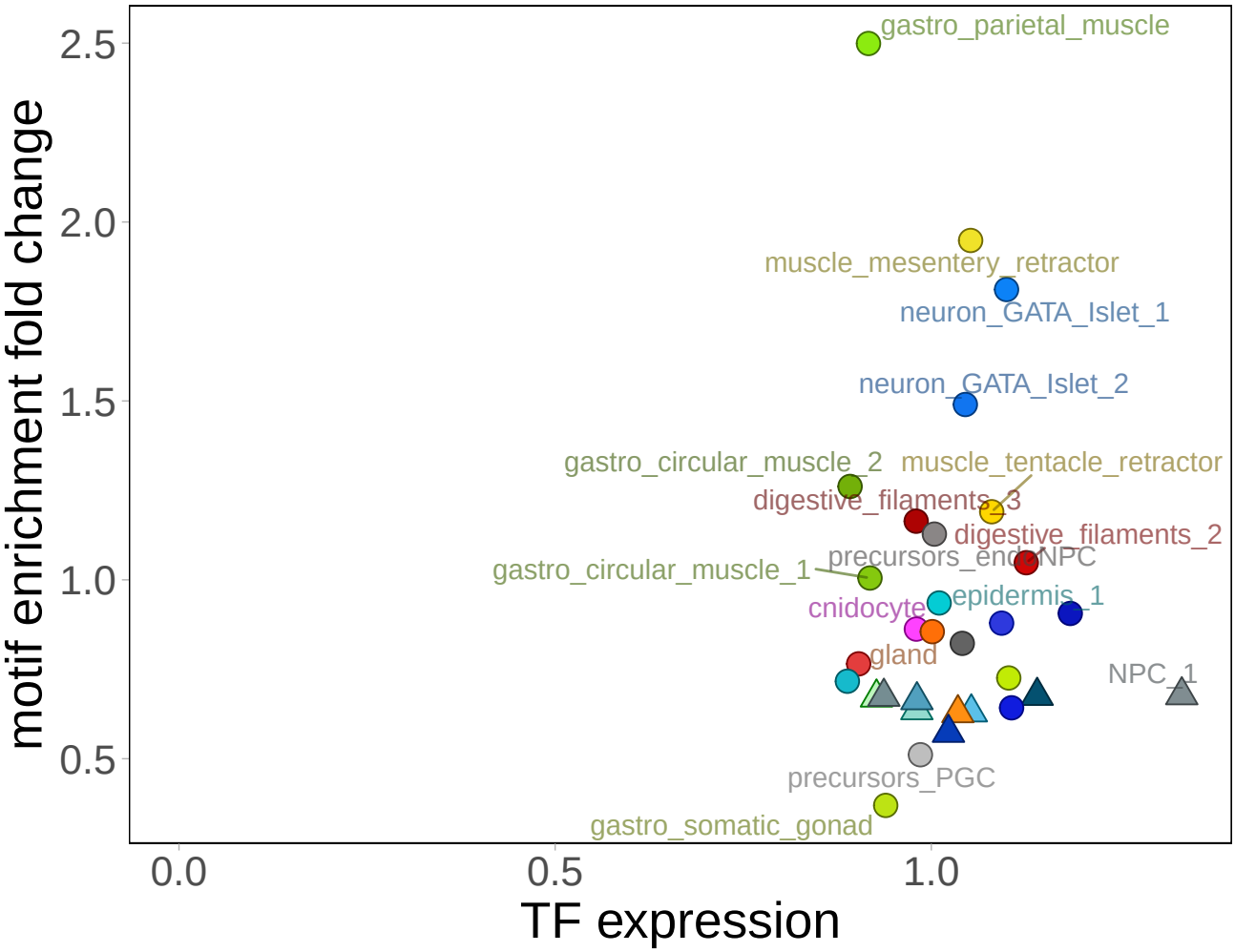


Nvec_vc1.1_XM_001636862.3
OG: Homeodomains.HG2.33:like:PAX1/PAX9
PFAM: Homeodomain
motif: ARCH299_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.0387
gene score correlation: 0.1260

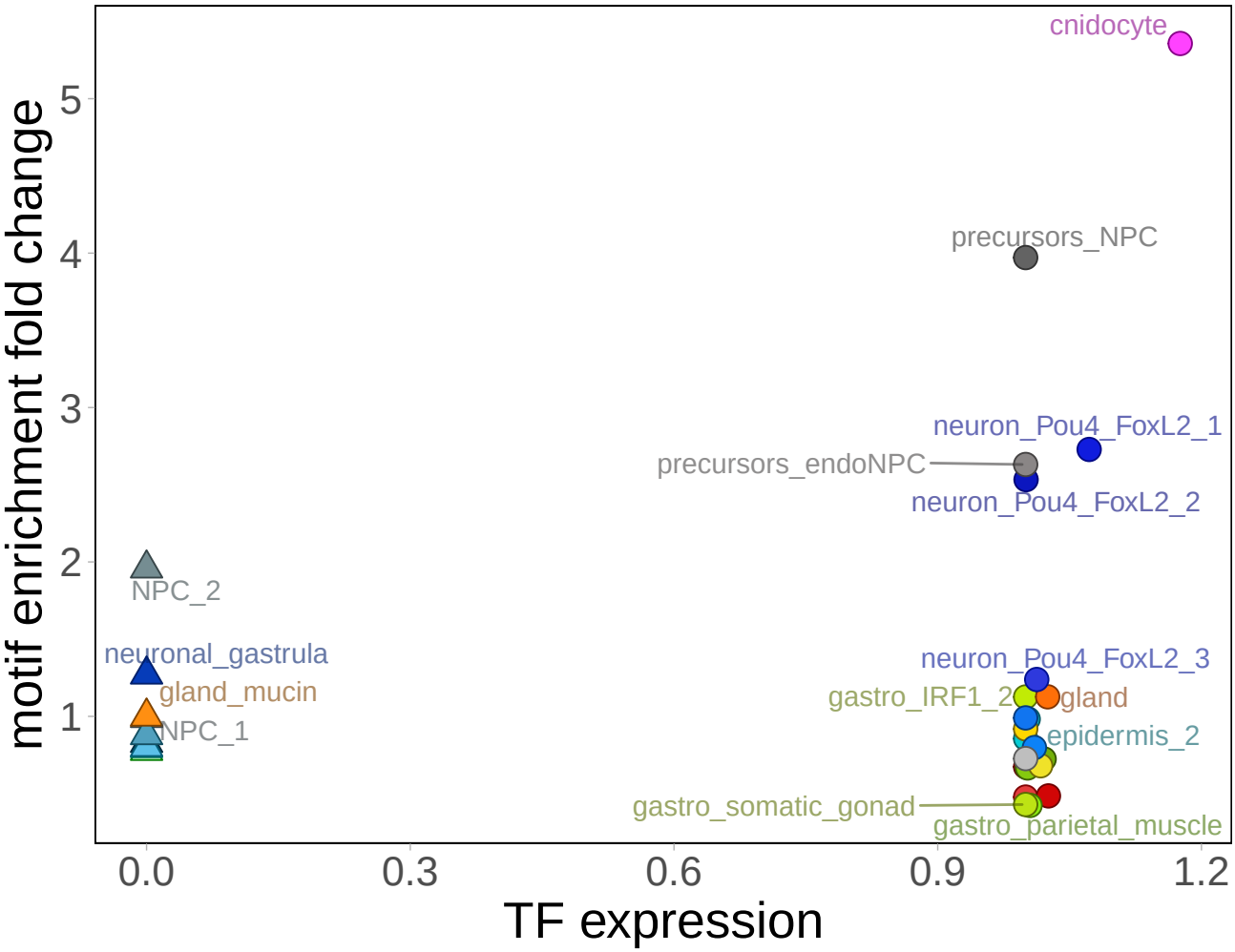




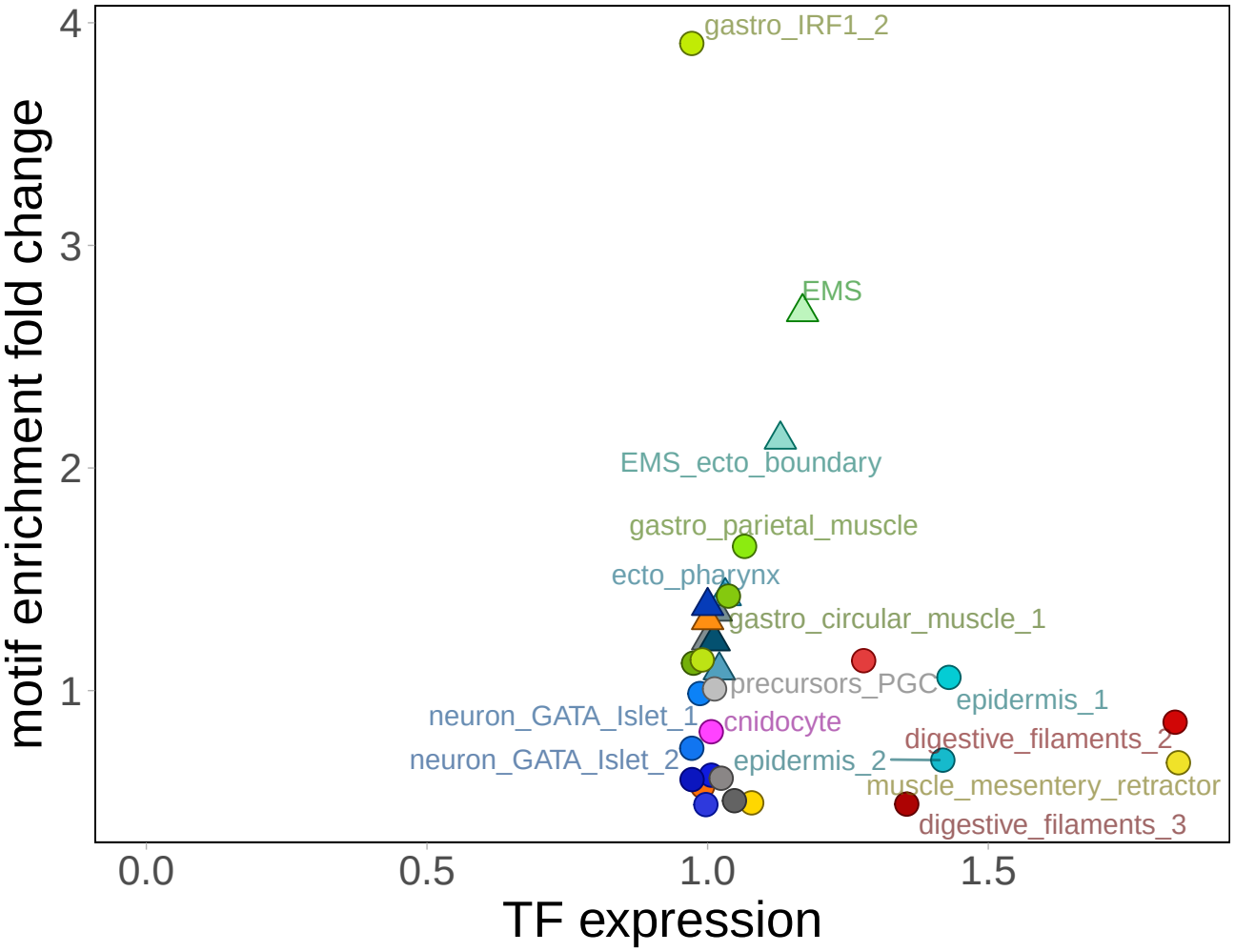
Nvec_vc1.1_XM_001636971.3
OG: GATA.HG2.1:RERE
PFAM: BAH/ELM2/GATA
motif: ARCH1456_Gata3/Gata1/Gata2_...
TF family: GATA
archetype family: GATA
CisBP assigned: TRUE
rank: 60
gene expression correlation: −0.0604
gene score correlation: 0.3299



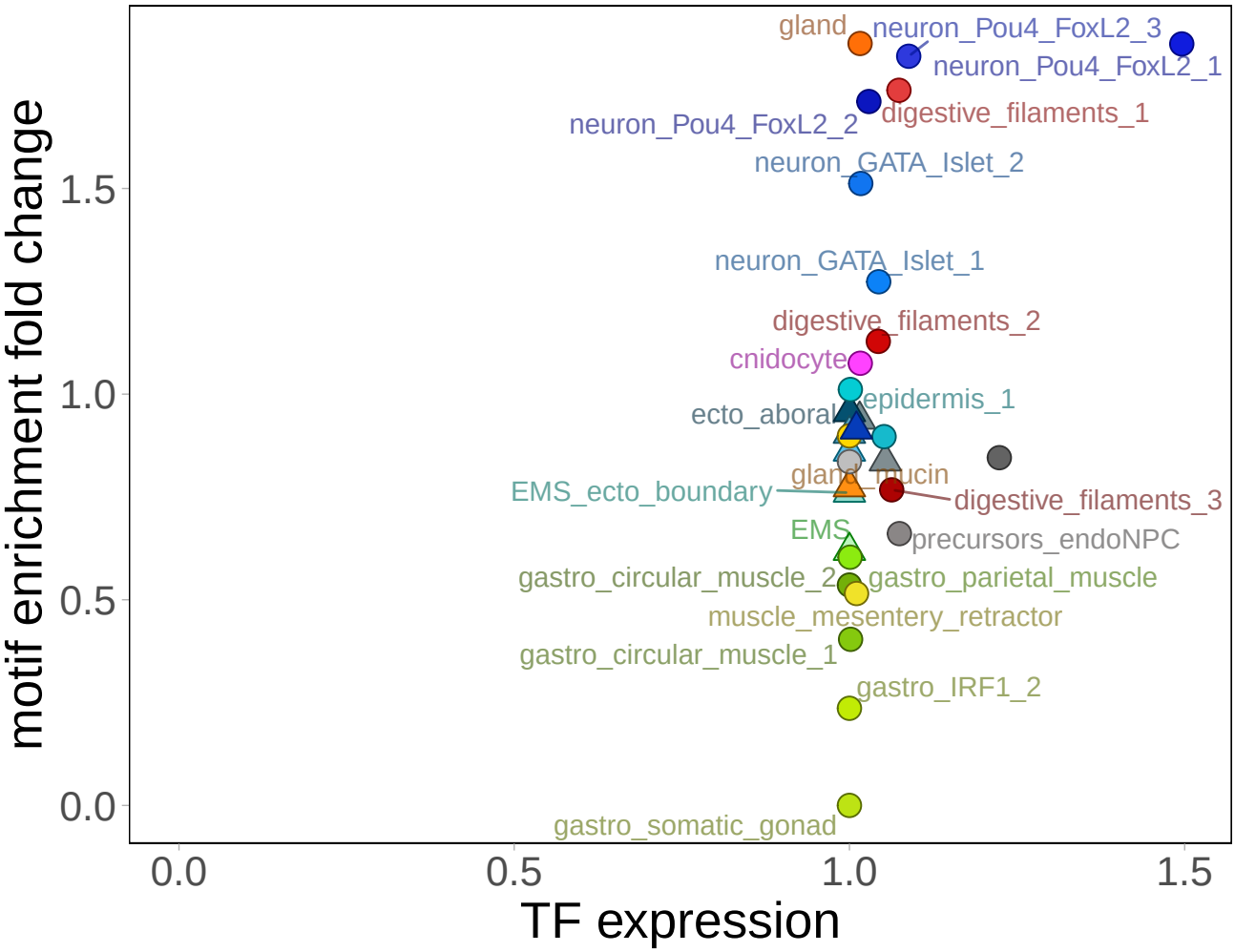
Nvec_vc1.1_XM_001637272.3
OG: zf−C2H2.HG95.1:NA
PFAM: HNF−1_N/zf−C2H2/zf−C2H2/zf−C2H2/
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.1953
gene score correlation: 0.7390



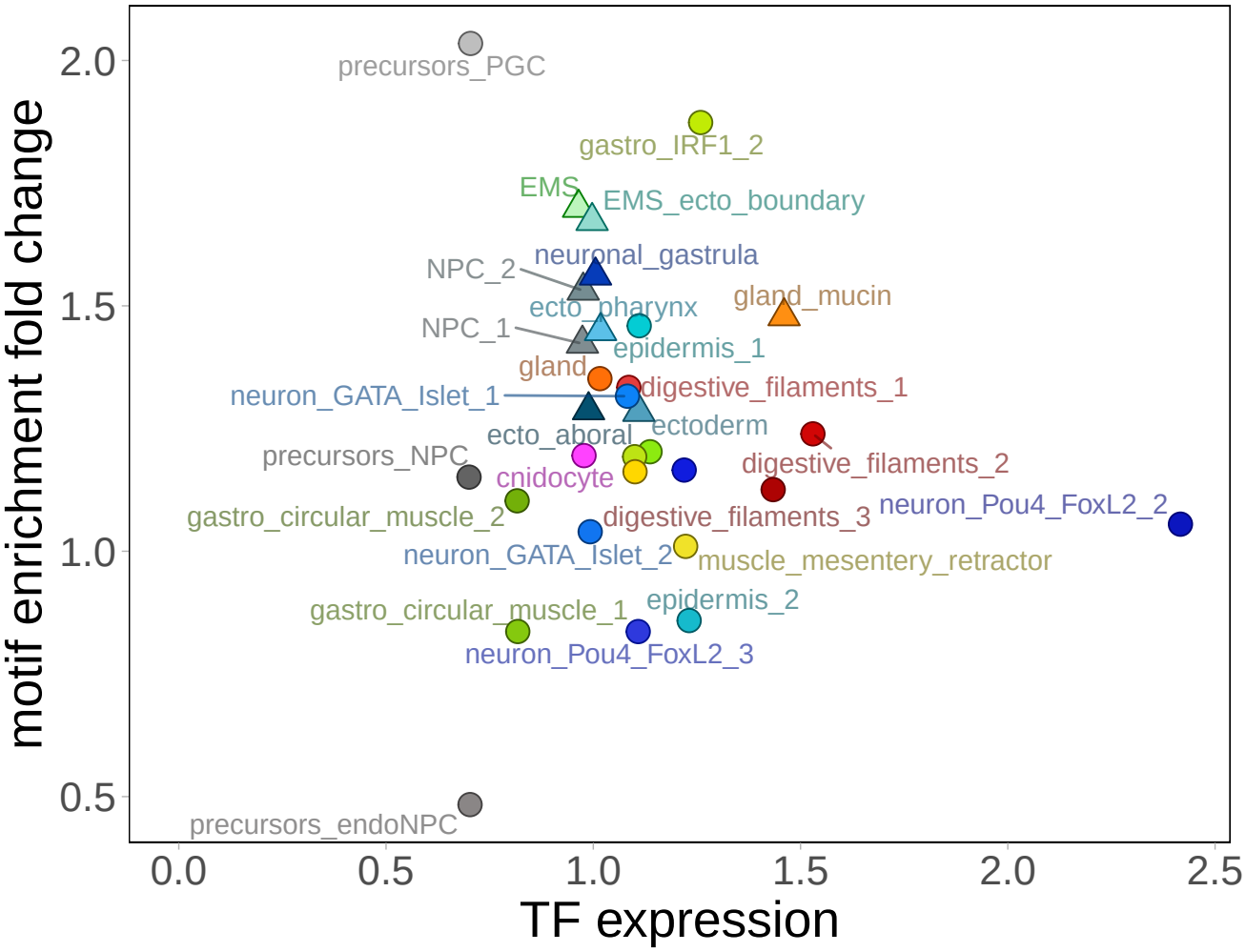
Nvec_vc1.1_XM_001637374.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: ARCH552_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 30
gene expression correlation: −0.1591
gene score correlation: 0.3331



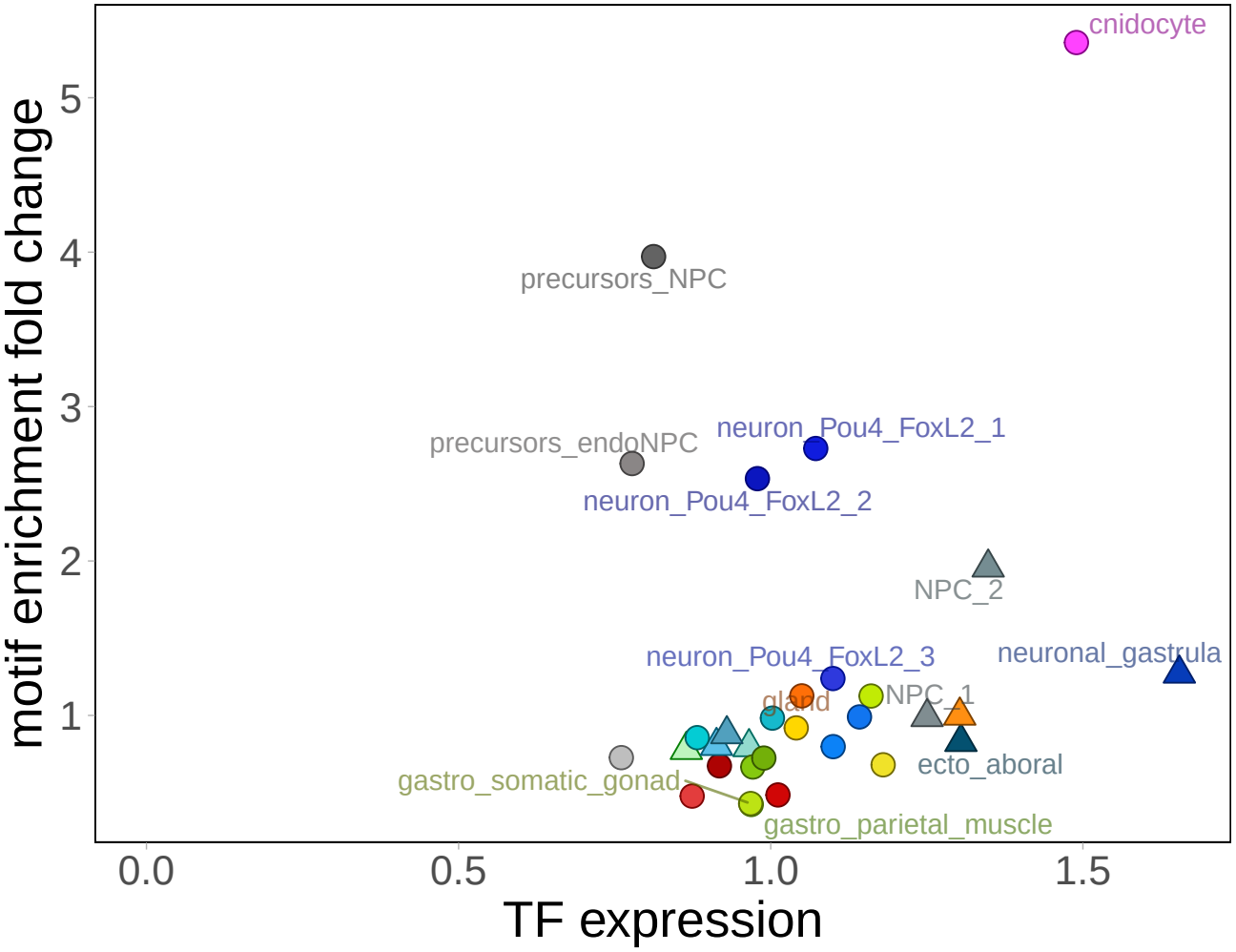
Nvec_vc1.1_XM_001637733.3
OG: Homeodomains.HG1.67:GSX1/GSX2
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 37
gene expression correlation: 0.4233
gene score correlation: 0.2383



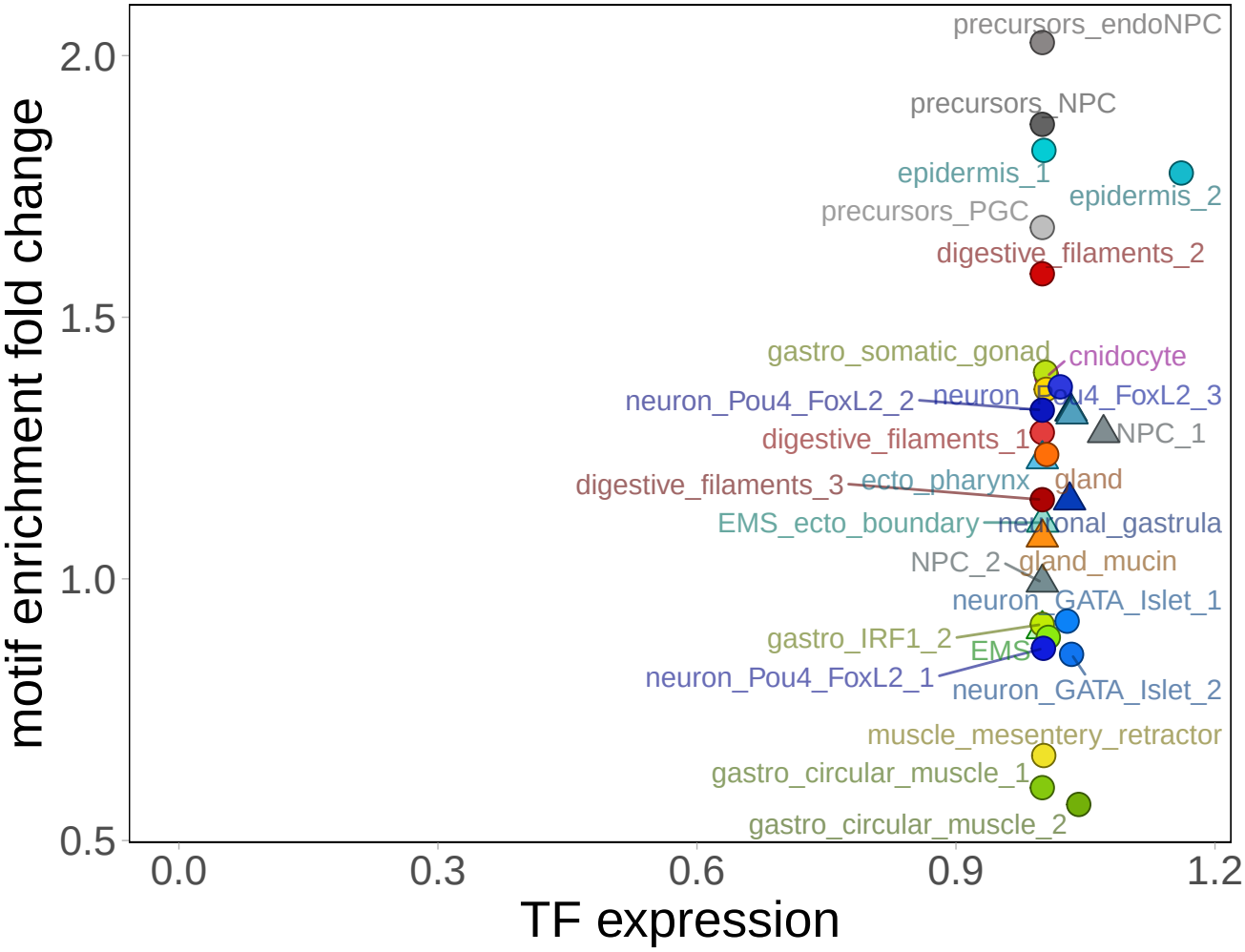
Nvec_vc1.1_XM_001638266.3
OG: bZIP.HG1.0:CREBL2
PFAM: bZIP_2
motif: ARCH1628_Crebl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 454
gene expression correlation: −0.0728
gene score correlation: 0.0070



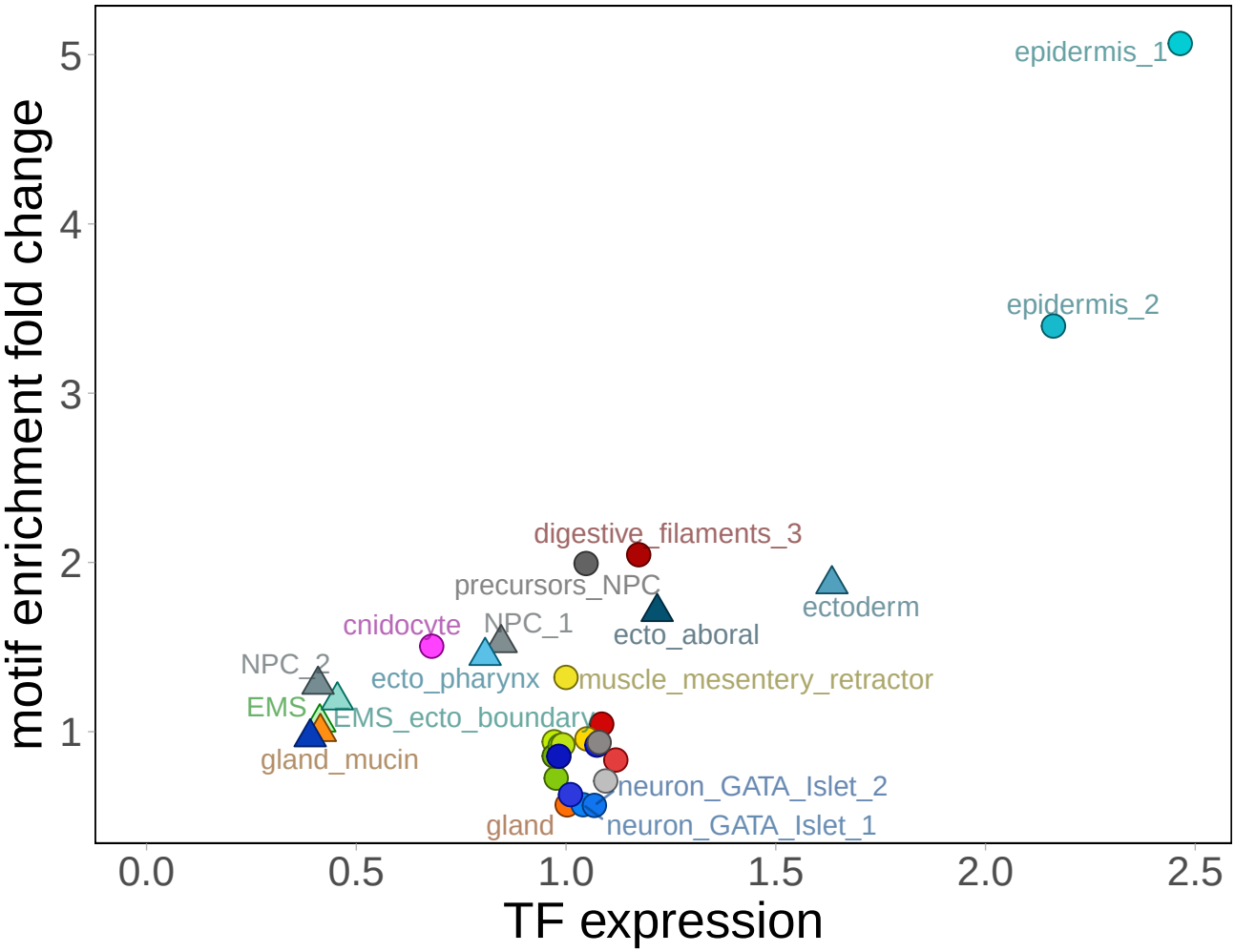
Nvec_vc1.1_XM_001638761.3
OG: zf−C2H2.HG16.2:like:TRERF1/ZNF541
PFAM: zf−C2H2/zf−C2H2_6/ELM2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 322
gene expression correlation: 0.2225
gene score correlation: 0.3065



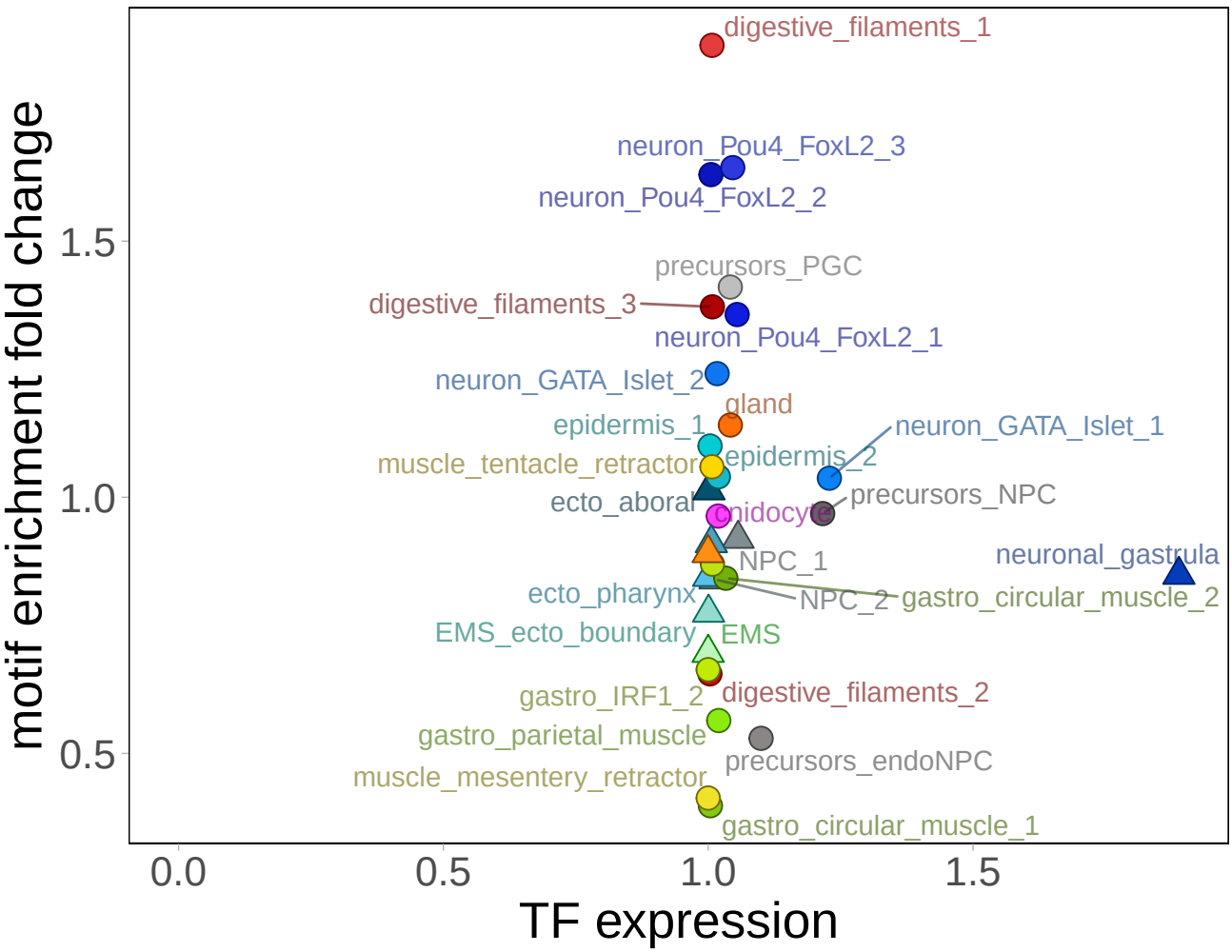
Nvec_vc1.1_XM_001638841.3
OG: Forkhead.HG1.22:FOXG1
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.1438
gene score correlation: 0.5828



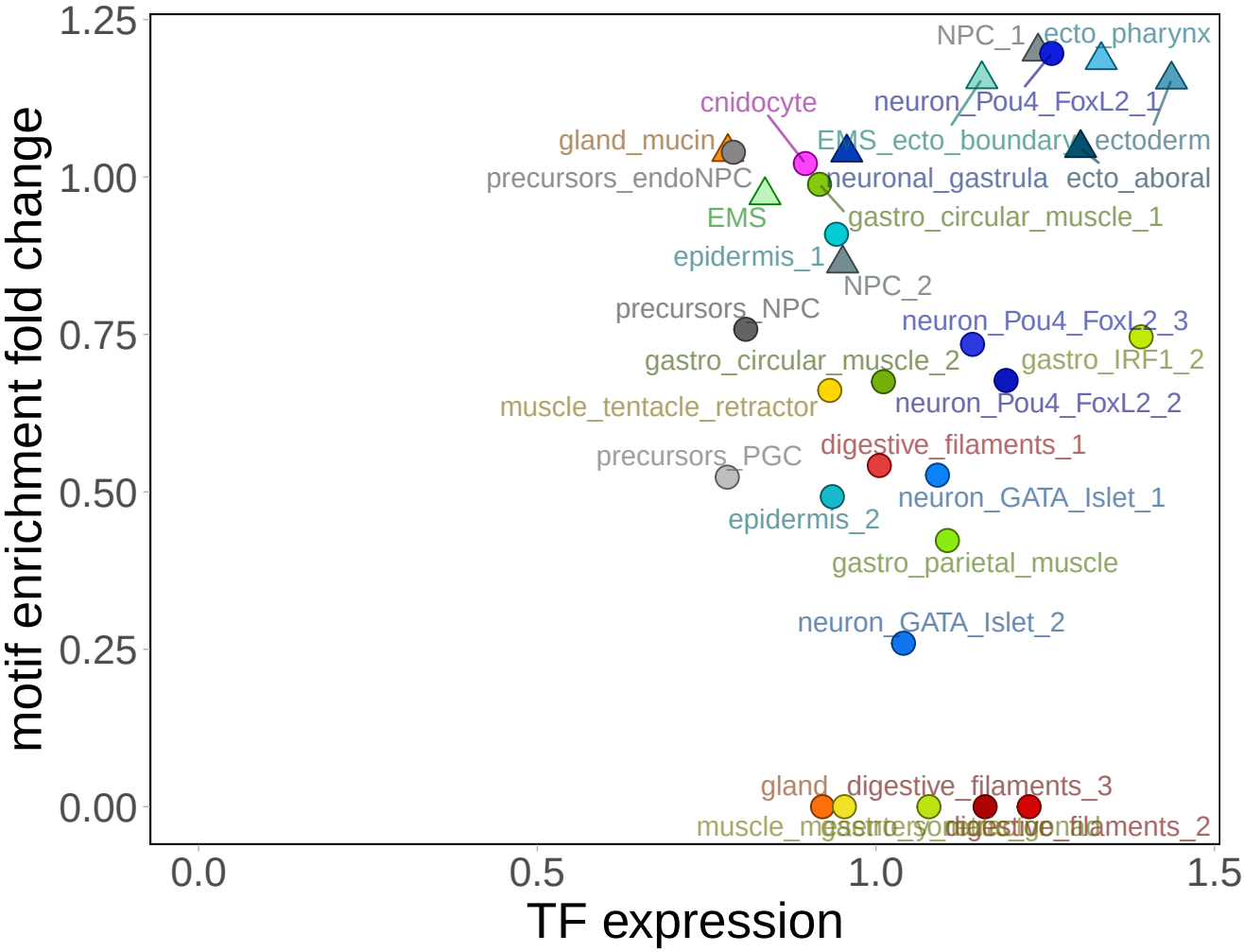
Nvec_vc1.1_XM_001639101.3
OG: Homeodomains.HG2.27:like:PAX1/PAX2/P
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.7285
gene score correlation: 0.9355



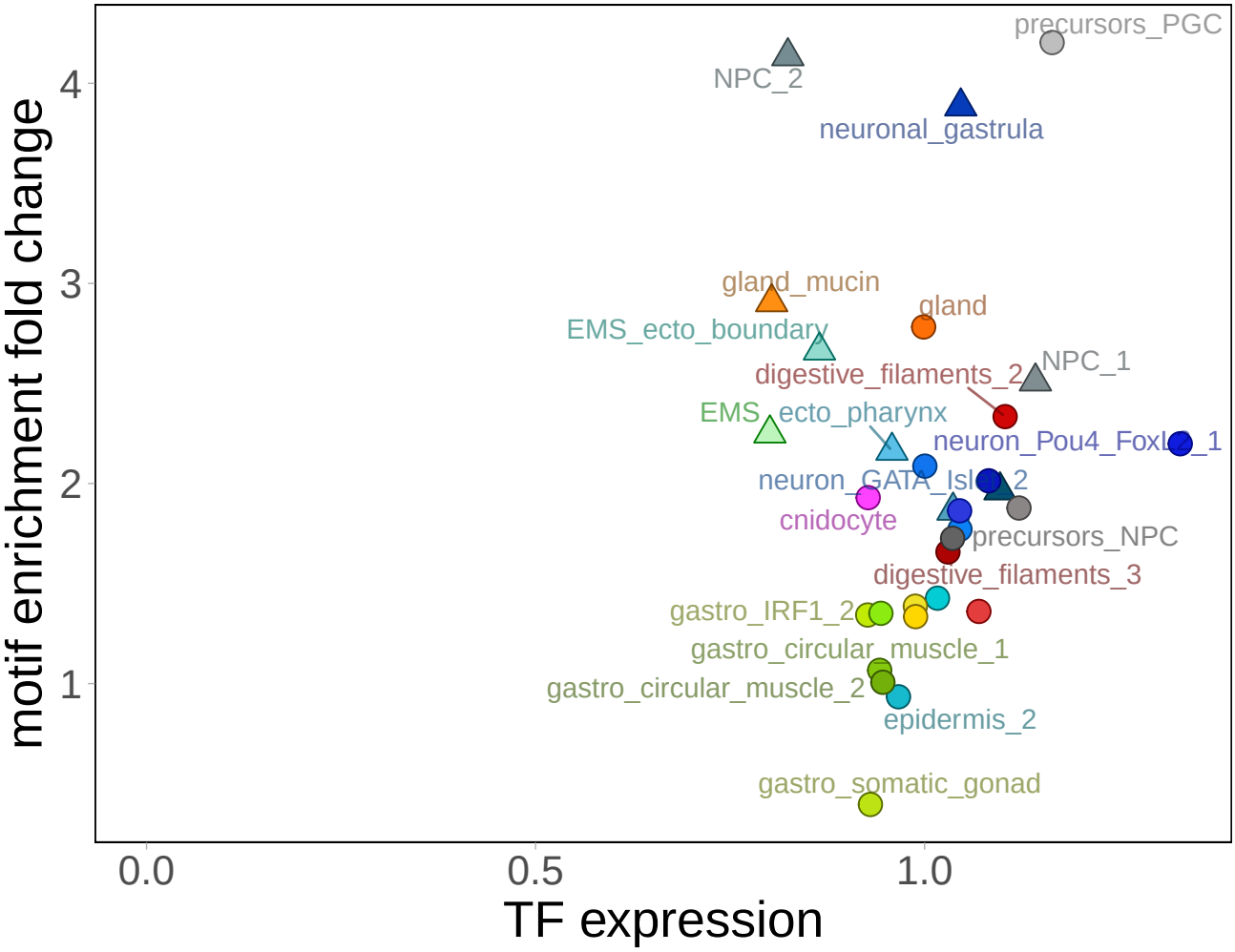
Nvec_vc1.1_XM_001639164.3
OG: Homeodomains.HG2.36:like:AC025287.4/
PFAM: Homeodomain
motif: ARCH41_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 56
gene expression correlation: −0.0503
gene score correlation: 0.1319



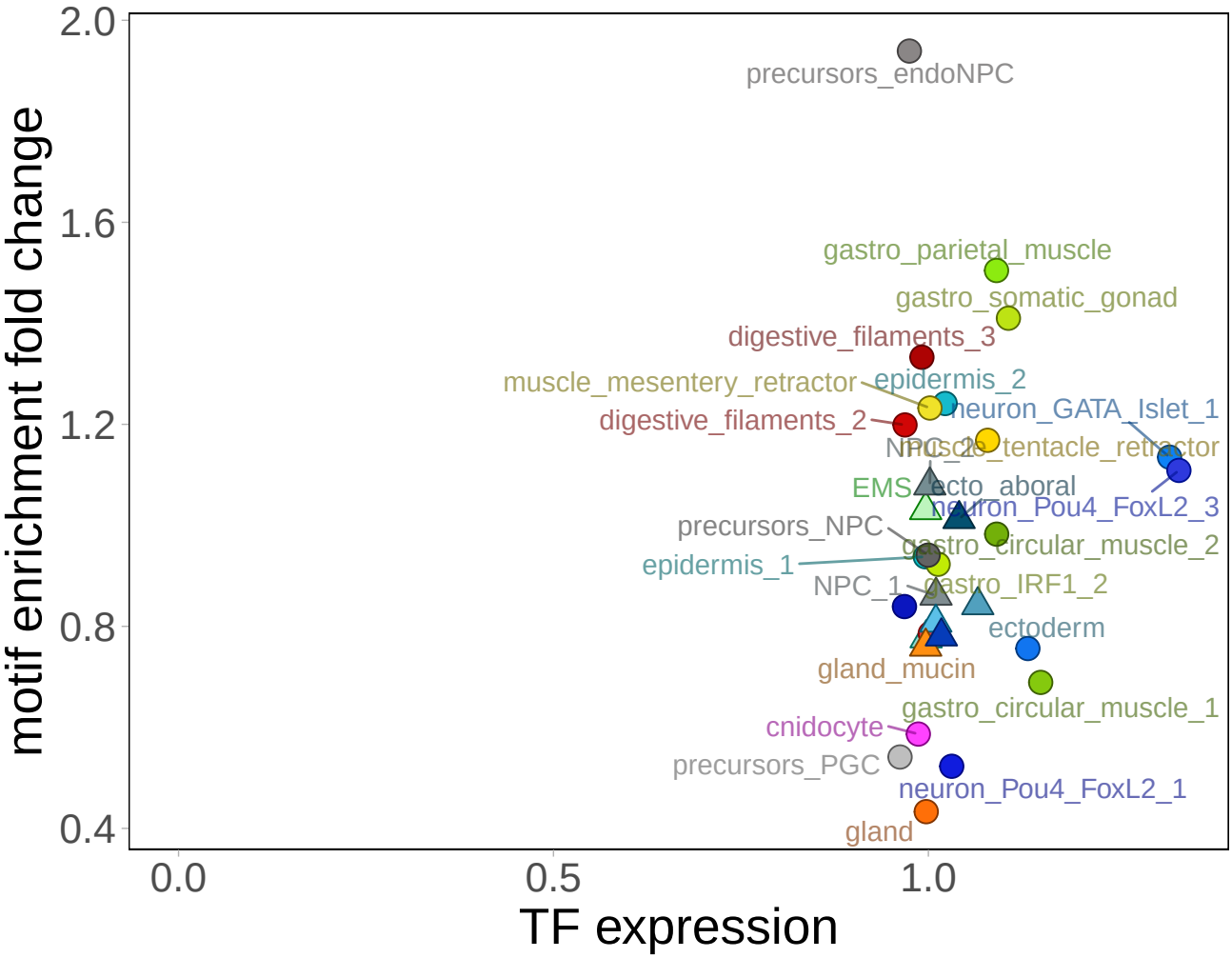
Nvec_vc1.1_XM_001639547.3
OG: zf−C2H2.HG2.11:KLF10/KLF11
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH347_Klf1/Klf4/Klf2_Klf1...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 637
gene expression correlation: 0.1152
gene score correlation: −0.2734



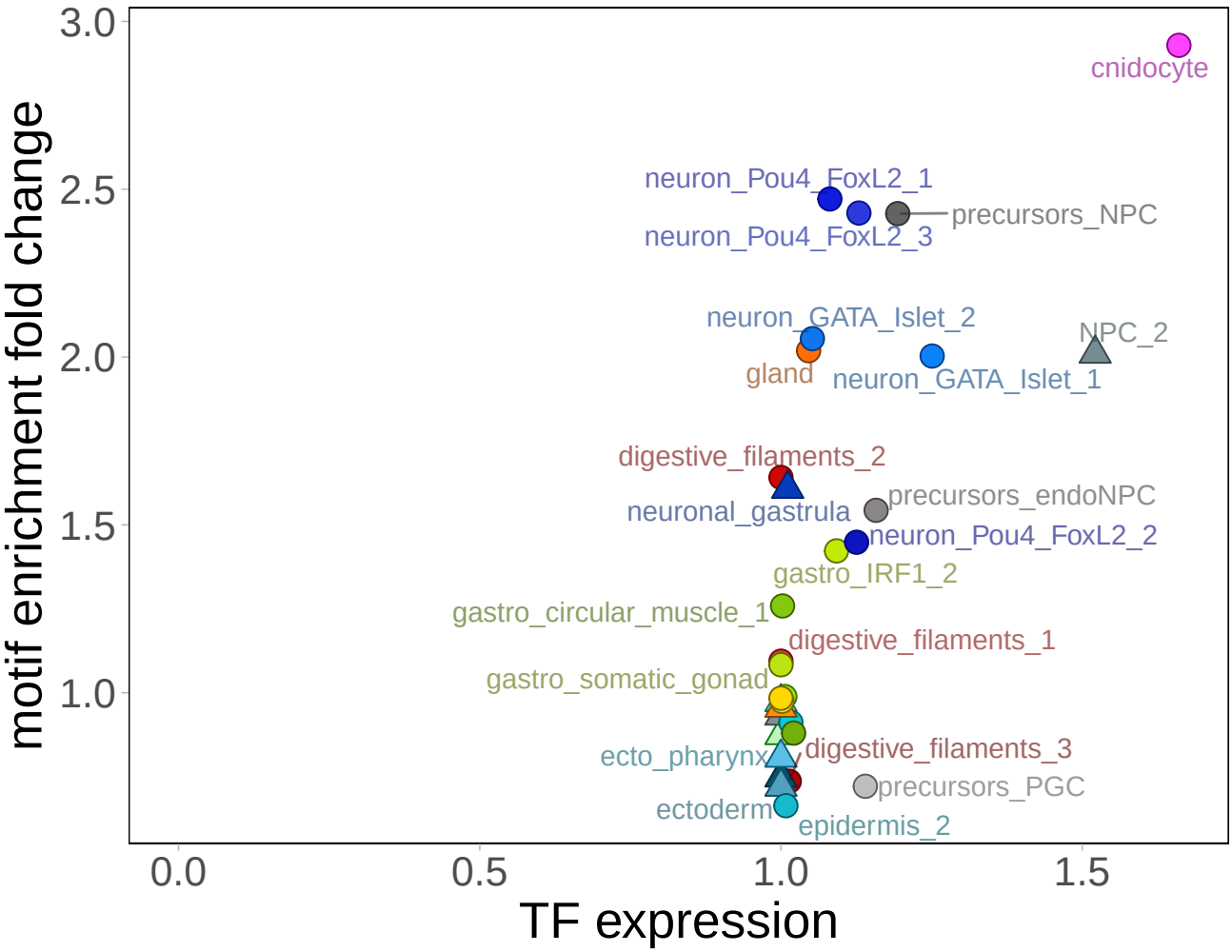
Nvec_vc1.1_XM_001640726.3
OG: NFYA.HG1.2:like:NFYA
PFAM: CBFB_NFYA
motif: ARCH178_Foxc2/Foxc1_Foxg1/G...
TF family: NFYA
archetype family: NFYA
CisBP assigned: TRUE
rank: 92
gene expression correlation: 0.0561
gene score correlation: 0.1774



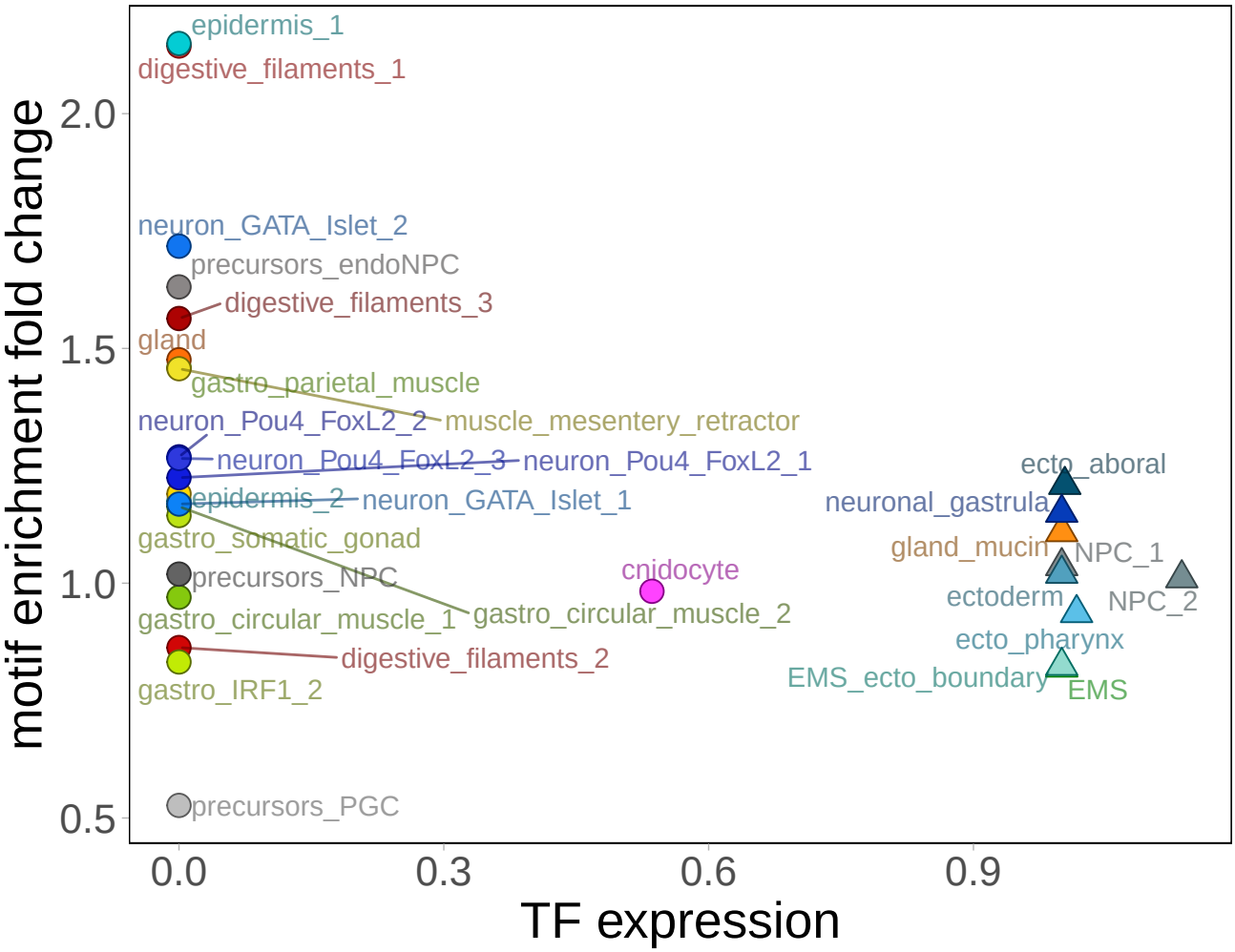
Nvec_vc1.1_XM_001640781.3
OG: Homeodomains.HG1.41:NKX1−1/NKX1−2
PFAM: Homeodomain
motif: ARCH91_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 39
gene expression correlation: 0.1287
gene score correlation: 0.2455



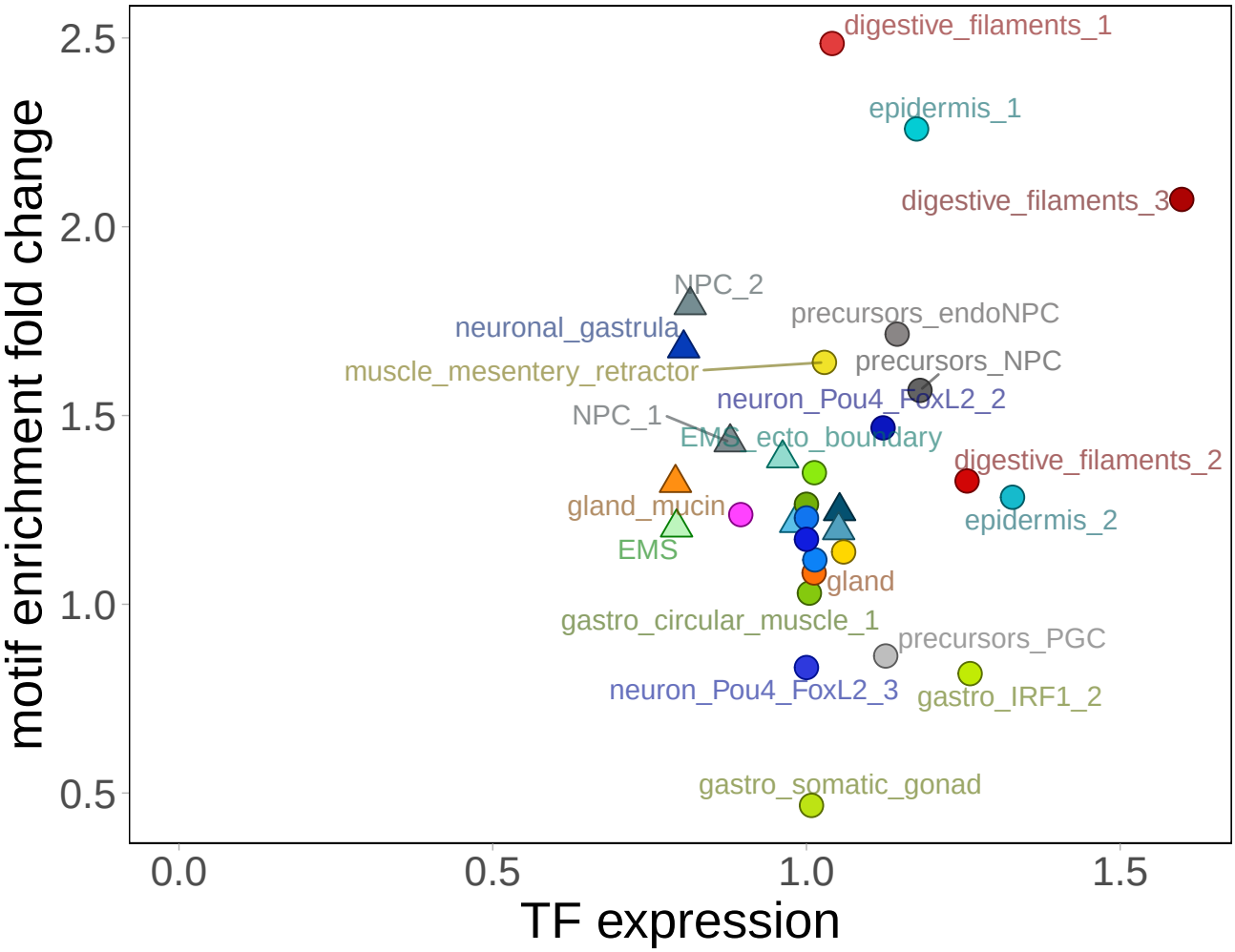
Nvec_vc1.1_XM_001640990.3
OG: HLH.HG1.77:like:NEUROD1/NEUROD2/N
PFAM: HLH
motif: ARCH763_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 41
gene expression correlation: 0.6718
gene score correlation: 0.5079



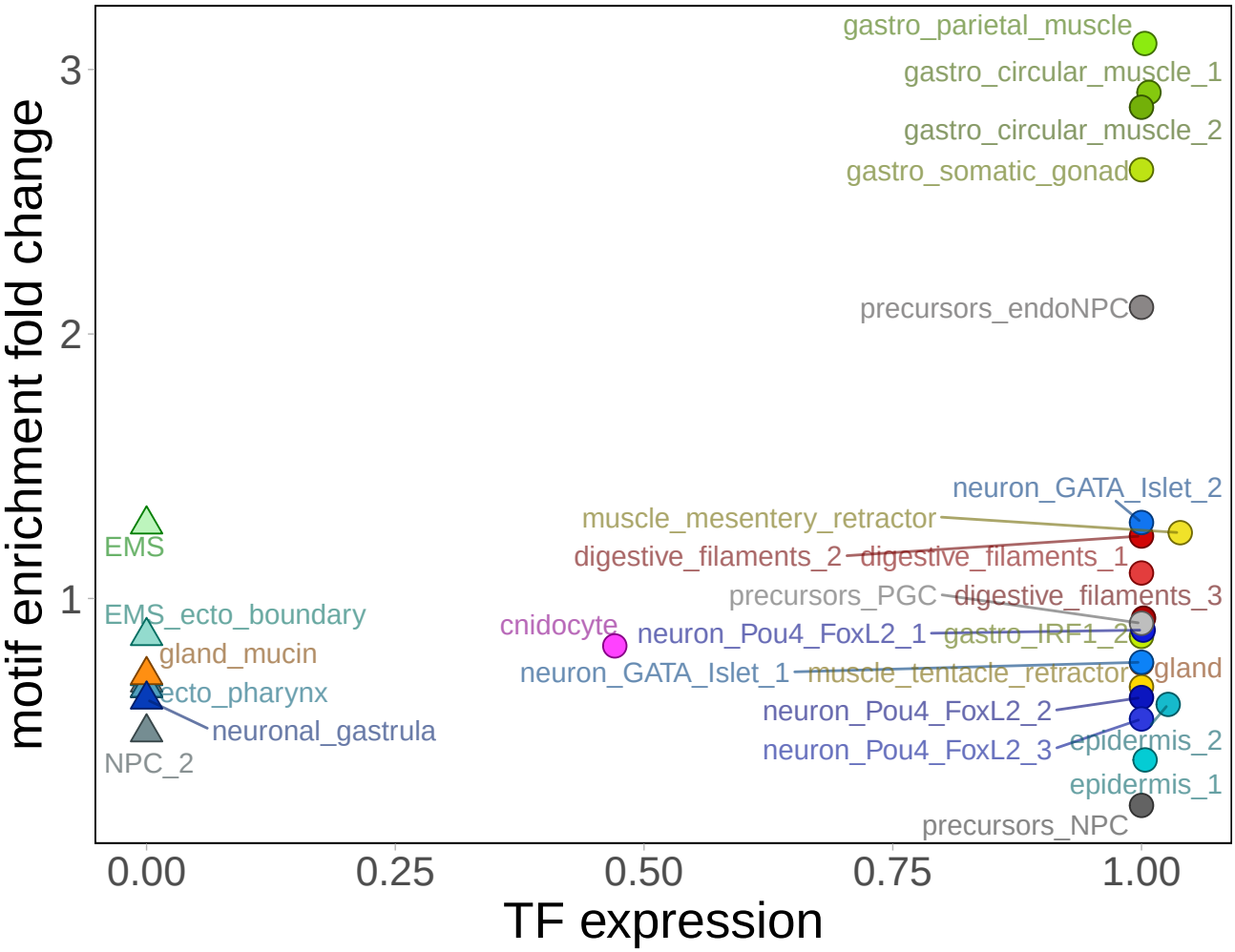
Nvec_vc1.1_XM_001641032.3
OG: Homeodomains.HG1.18:NANOG/NANOG
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 64
gene expression correlation: −0.3803
gene score correlation: −0.3846



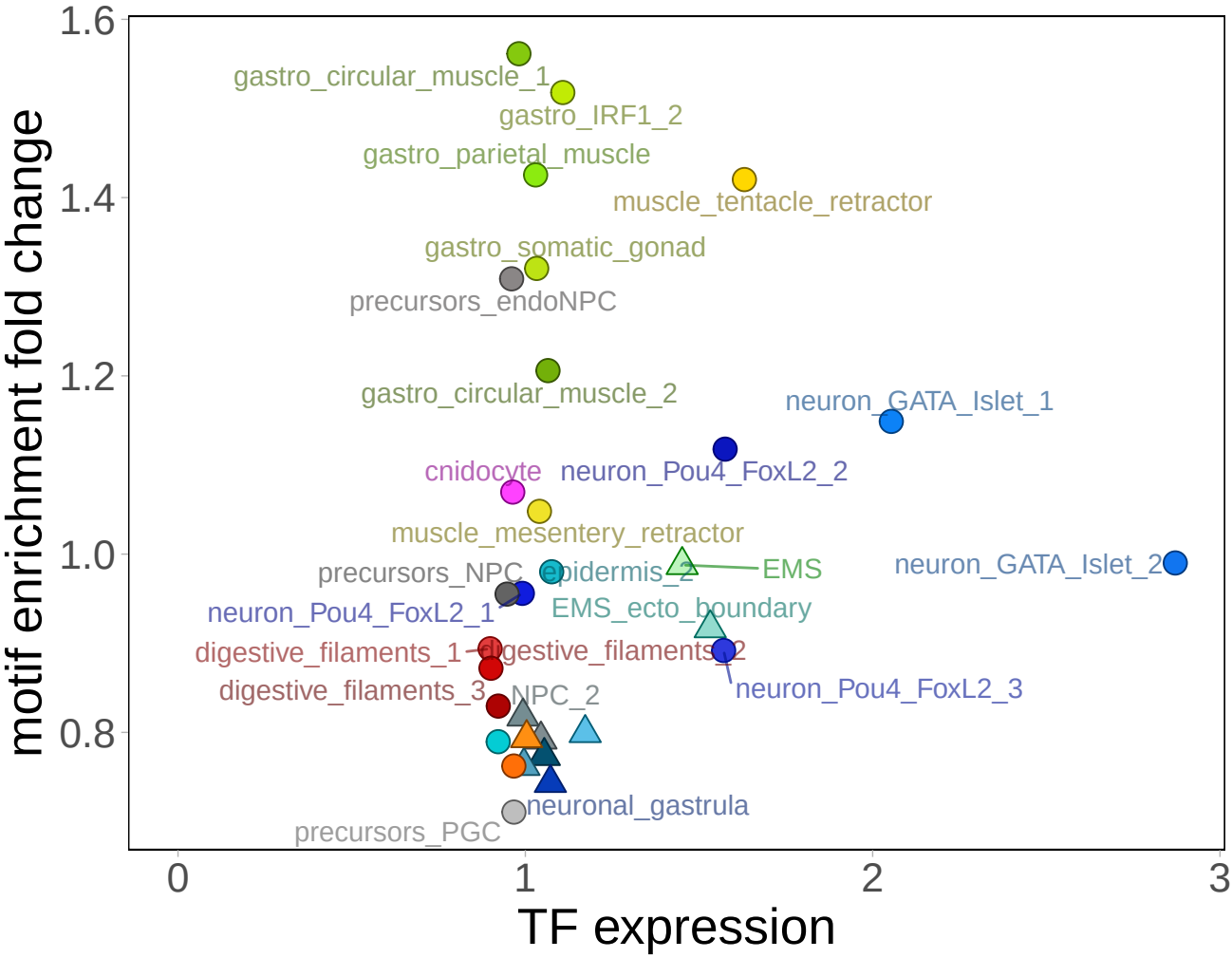
Nvec_vc1.1_XM_001641086.3
OG: zf−C2H2.HG7.5:SNAI1/SNAI2/SNAI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 39
gene expression correlation: 0.1782
gene score correlation: 0.1957



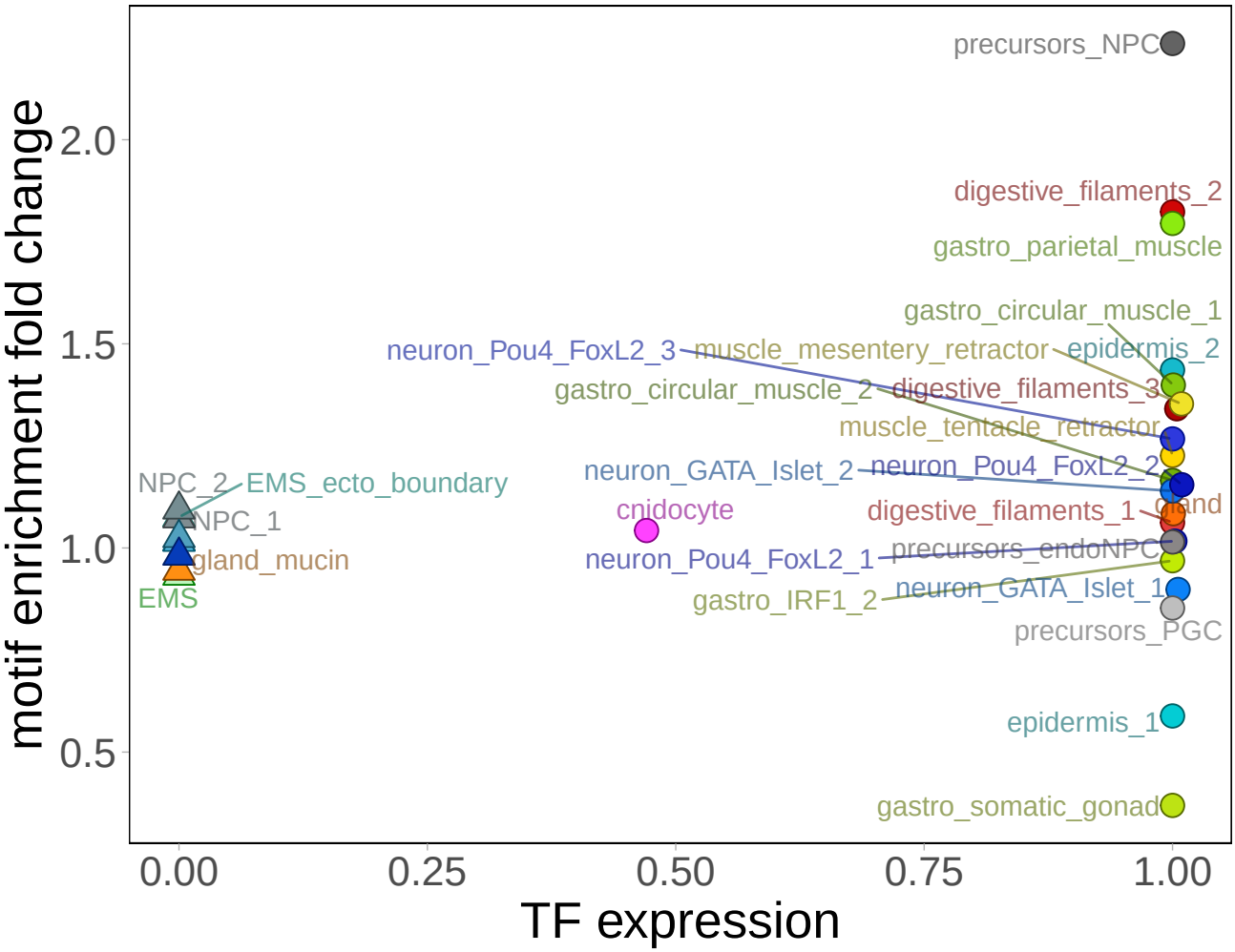
Nvec_vc1.1_XM_001641575.3
OG: Homeodomains.HG1.68:AC004080.3/AC0
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3140
gene score correlation: 0.7133



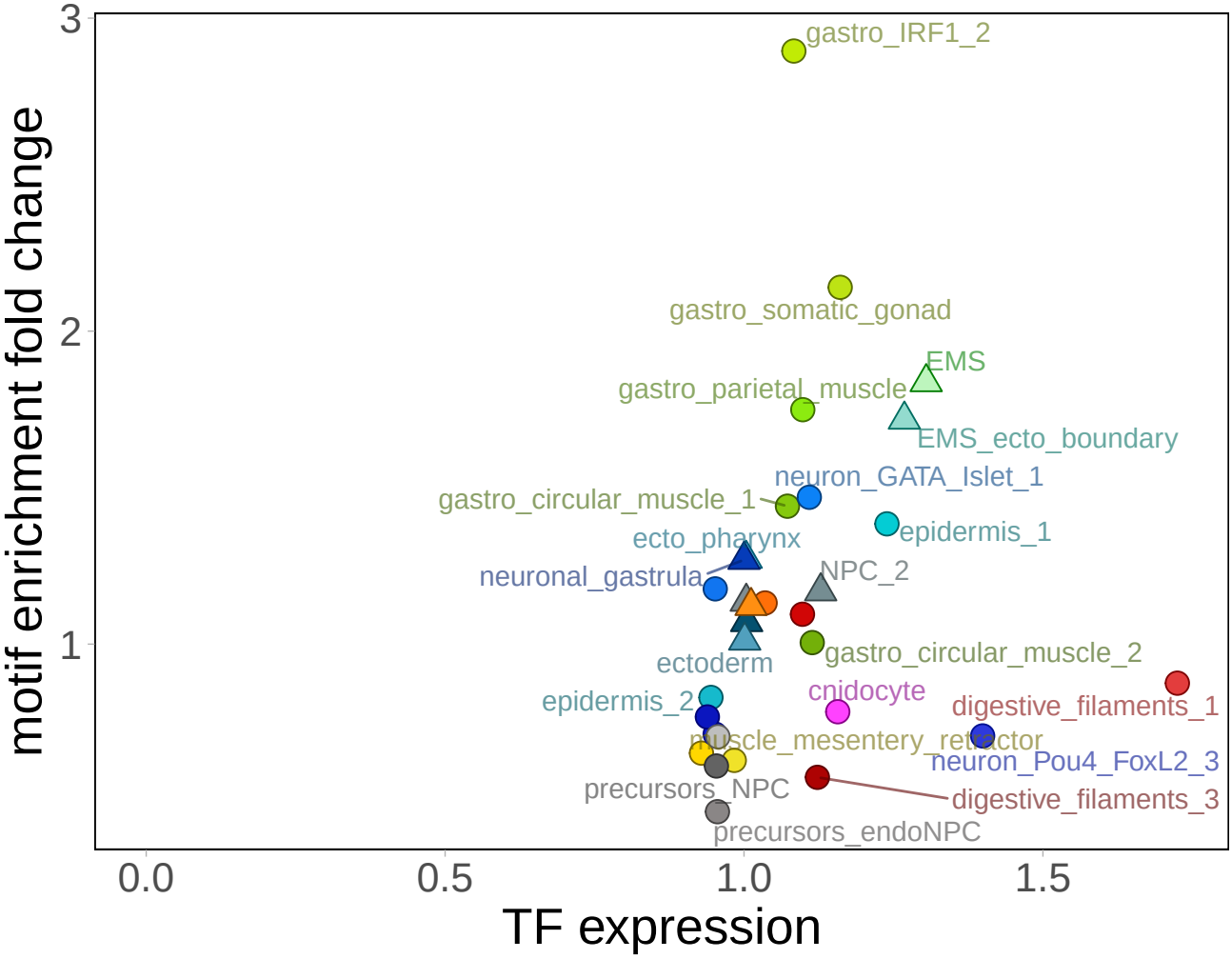
Nvec_vc1.1_XM_001647488.3
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain
motif: ARCH697_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 25
gene expression correlation: 0.1293
gene score correlation: 0.5346



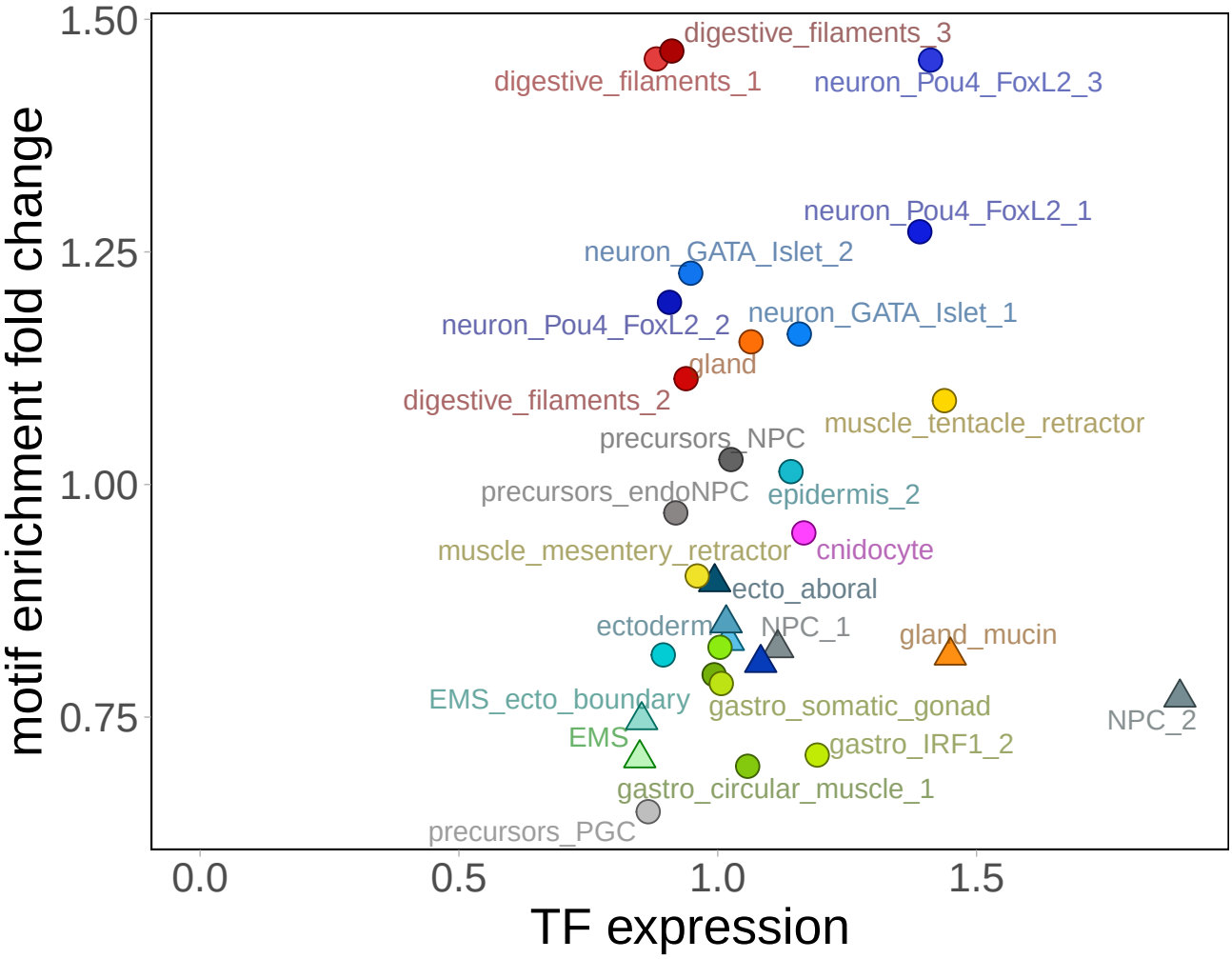
Nvec_vc1.1_XM_032361813.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
motif: ARCH1391_MYB113
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 846
gene expression correlation: 0.2434
gene score correlation: −0.1277



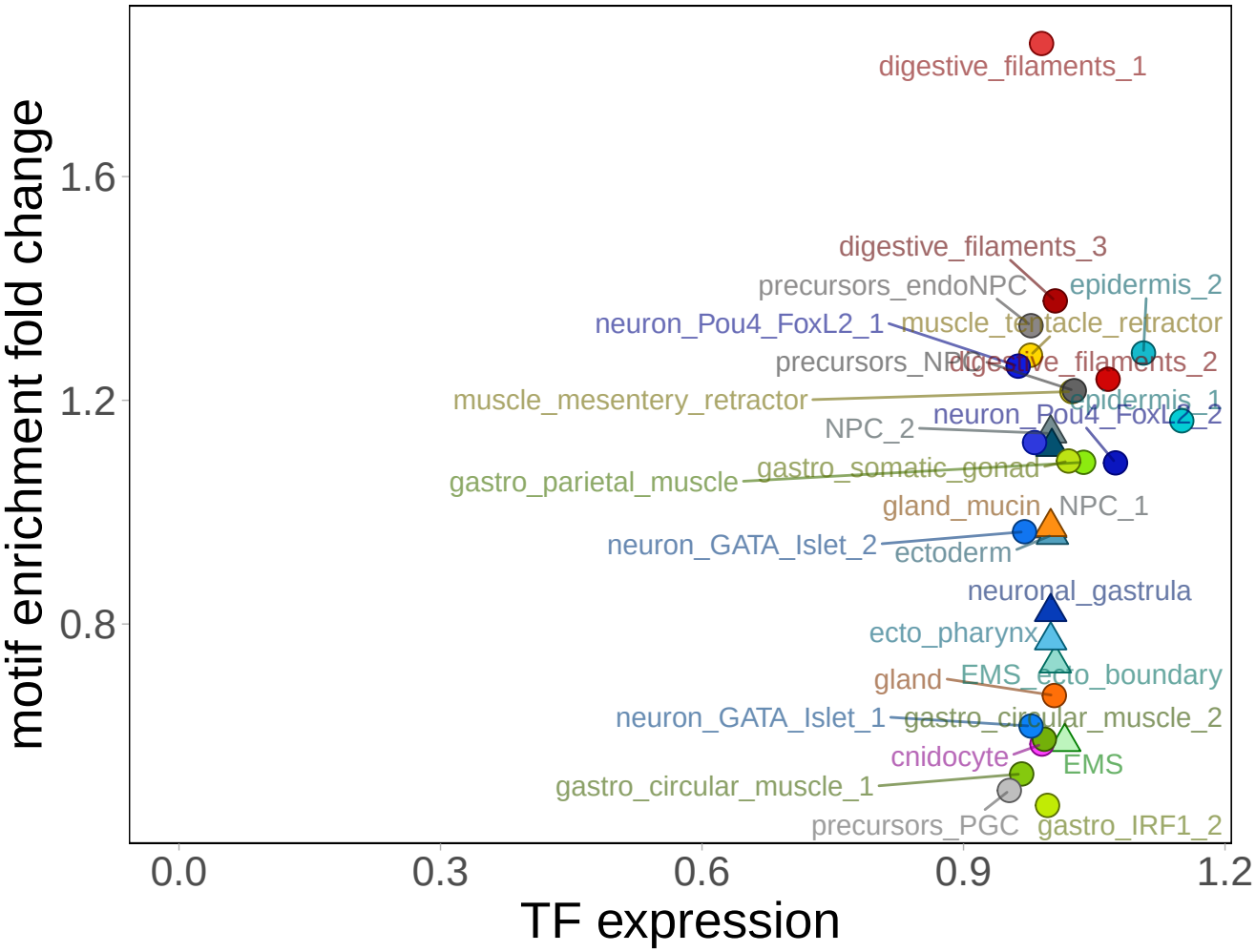
Nvec_vc1.1_XM_032361849.2
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: ARCH572_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 4
gene expression correlation: 0.1972
gene score correlation: 0.7231



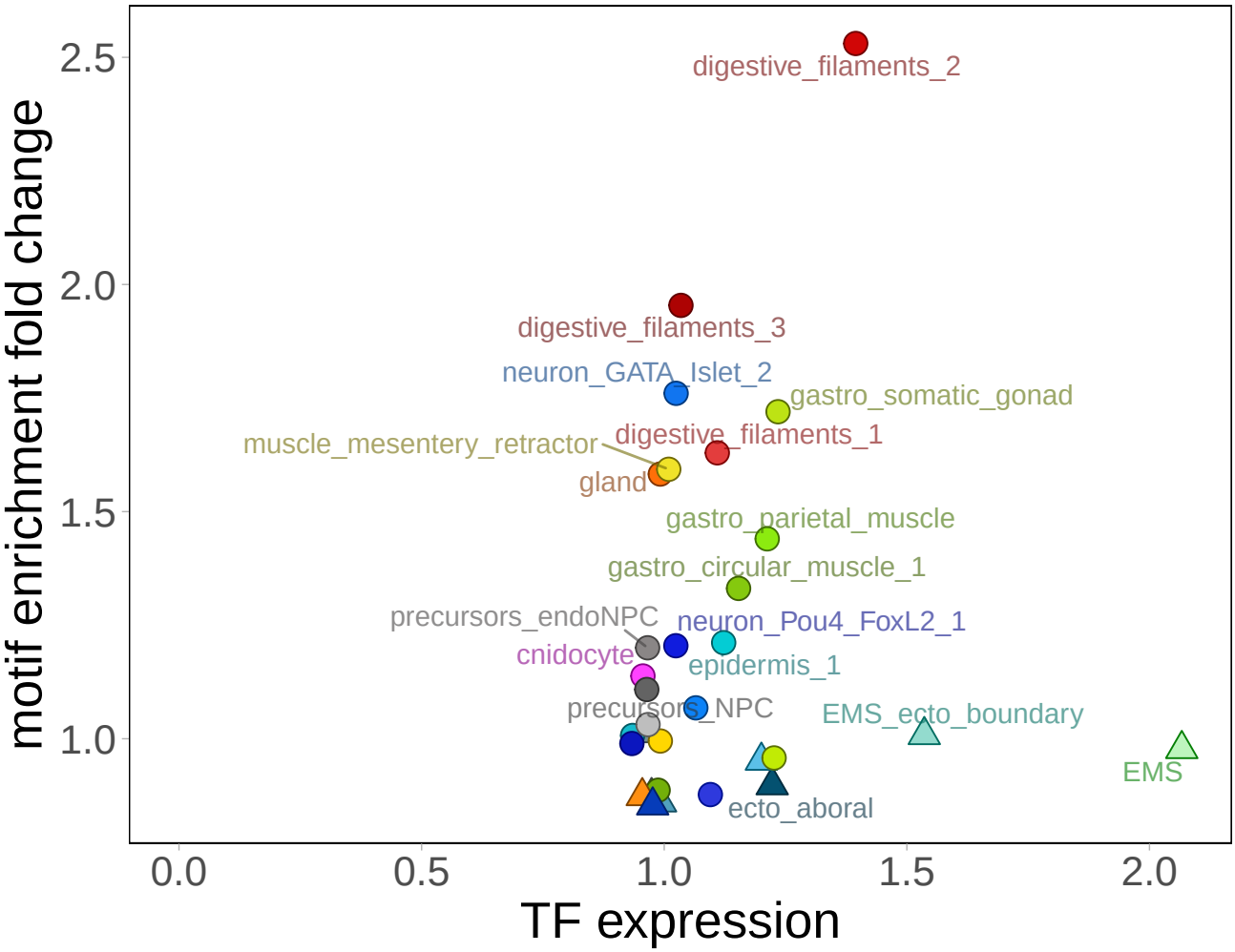
Nvec_vc1.1_XM_032362135.2
OG: ARID_BRIGHT.HG1.9:ARID3A/ARID3B/A
PFAM: ARID
motif: ARCH13_Arid2_Arid3c/Arid3a/...
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: TRUE
rank: 41
gene expression correlation: 0.0405
gene score correlation: 0.2015



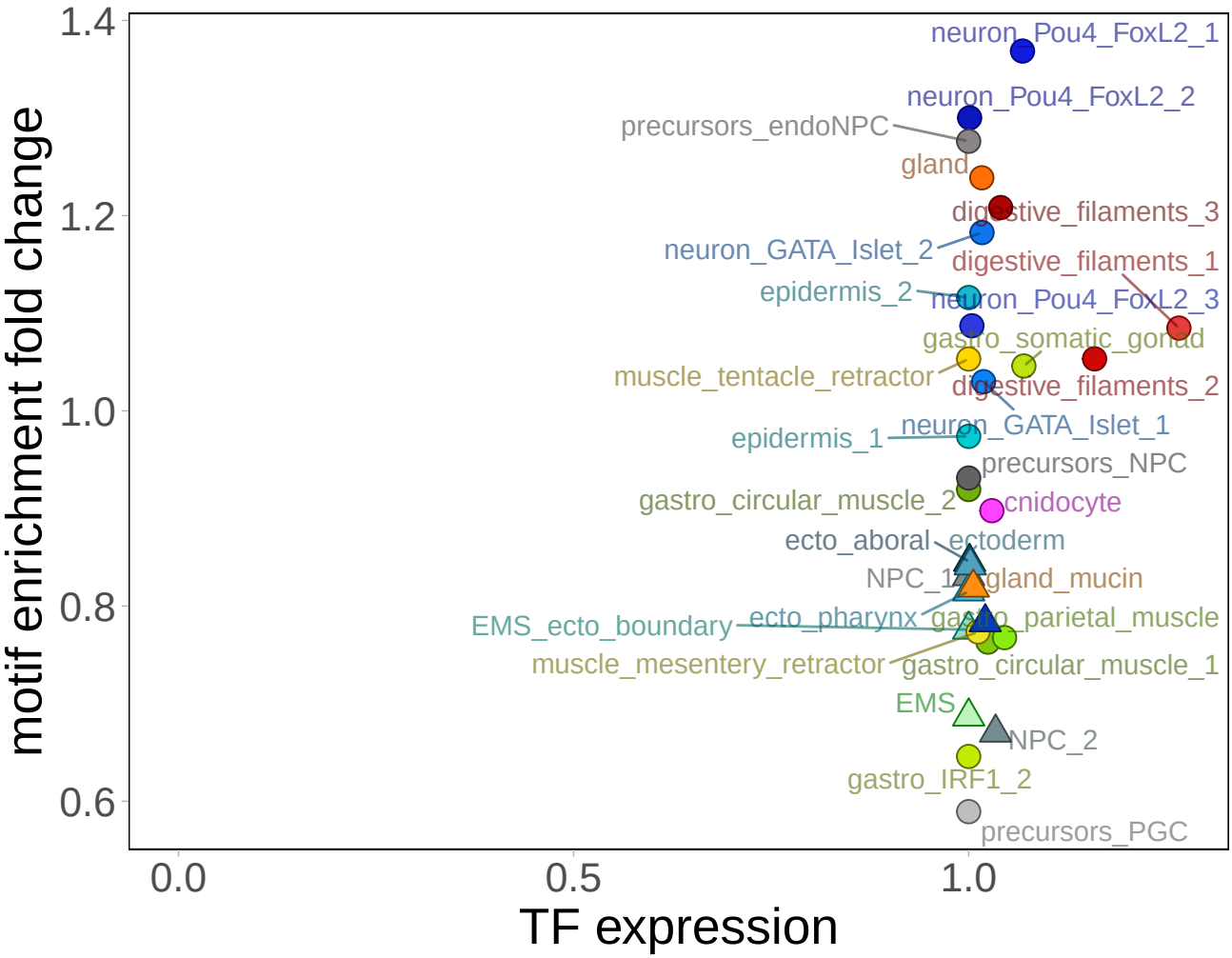
Nvec_vc1.1_XM_032362346.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH264_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 971
gene expression correlation: 0.2784
gene score correlation: 0.1494



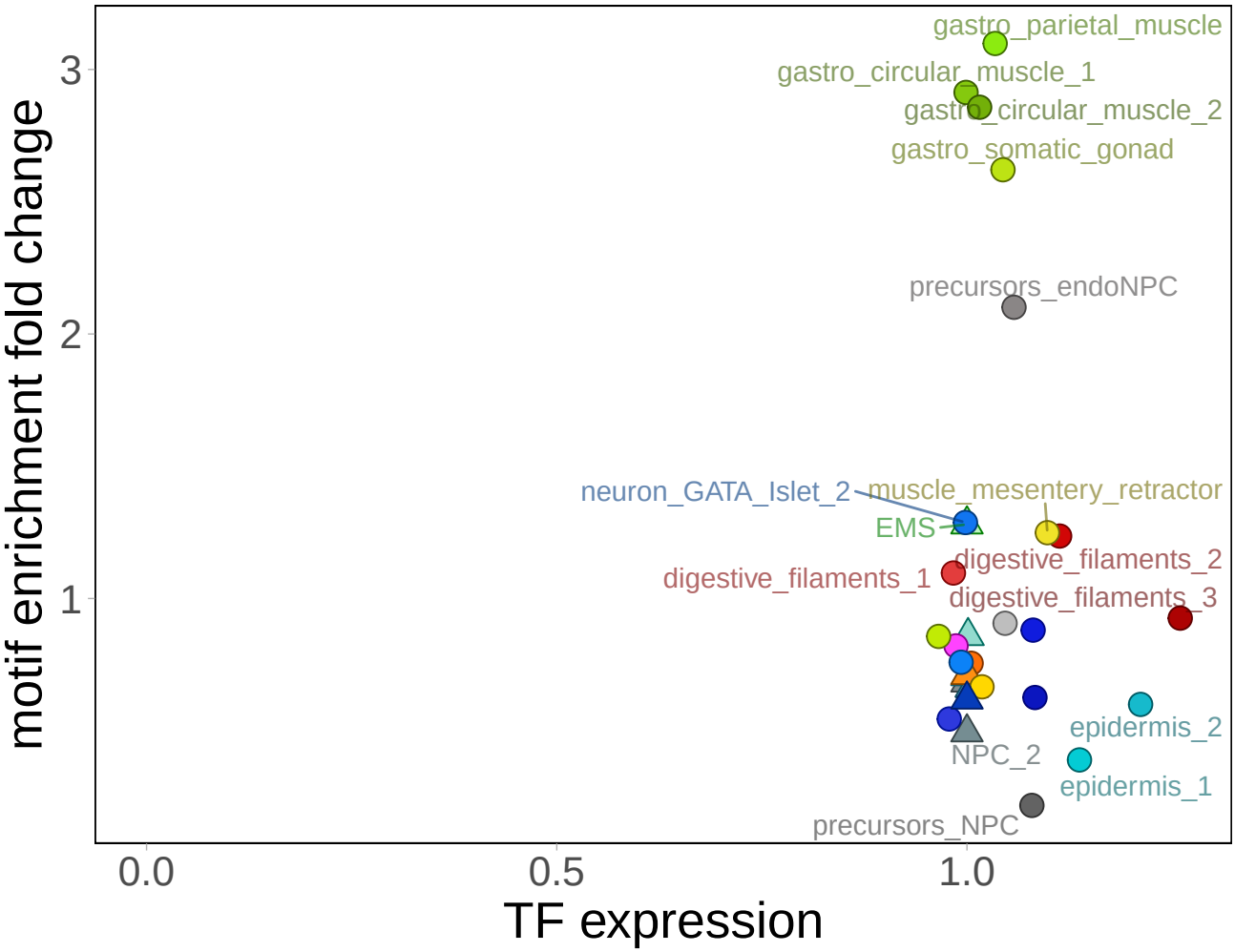
Nvec_vc1.1_XM_032362379.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.1135
gene score correlation: 0.5640



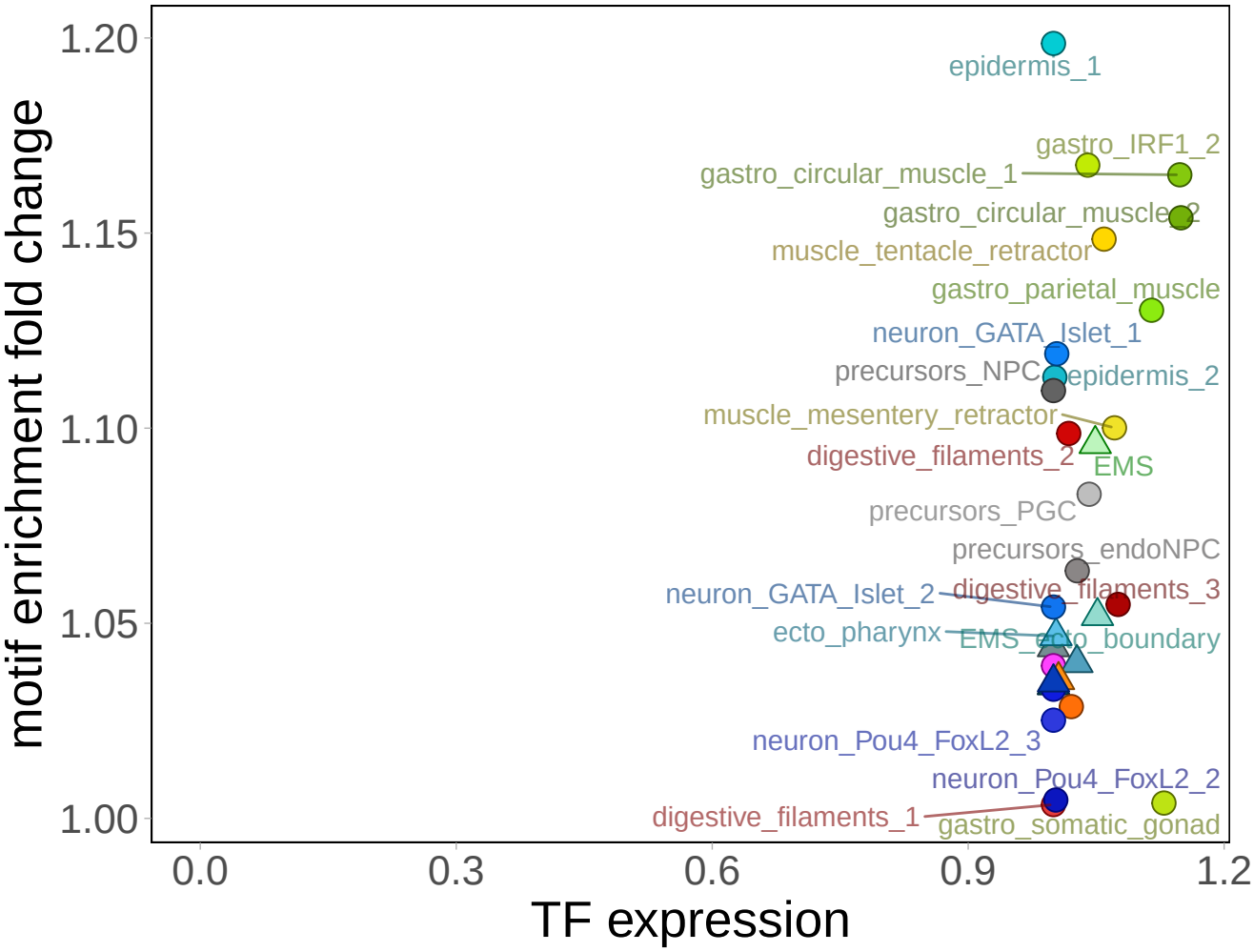
Nvec_vc1.1_XM_032362387.2
OG: Doublesex_DM.HG1.13:like:DMRT1/DMR
PFAM: DM/DMA
motif: ARCH28_Dmrt2_Dmrtc2
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 635
gene expression correlation: 0.2333
gene score correlation: 0.1977



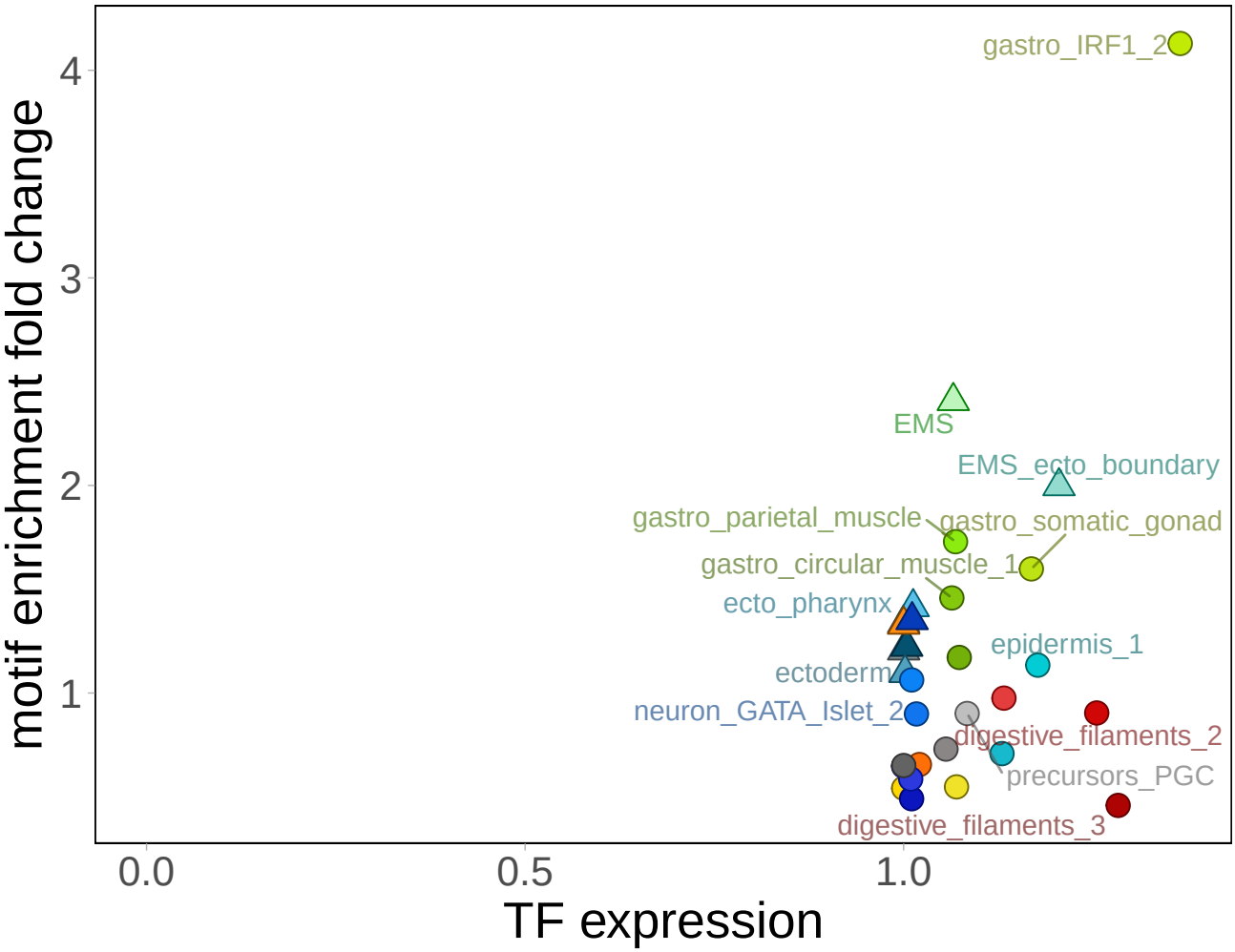
Nvec_vc1.1_XM_032362396.2
OG: Homeodomains.HG1.69:HOXA3/HOXB3/H
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 36
gene expression correlation: −0.0788
gene score correlation: 0.6256



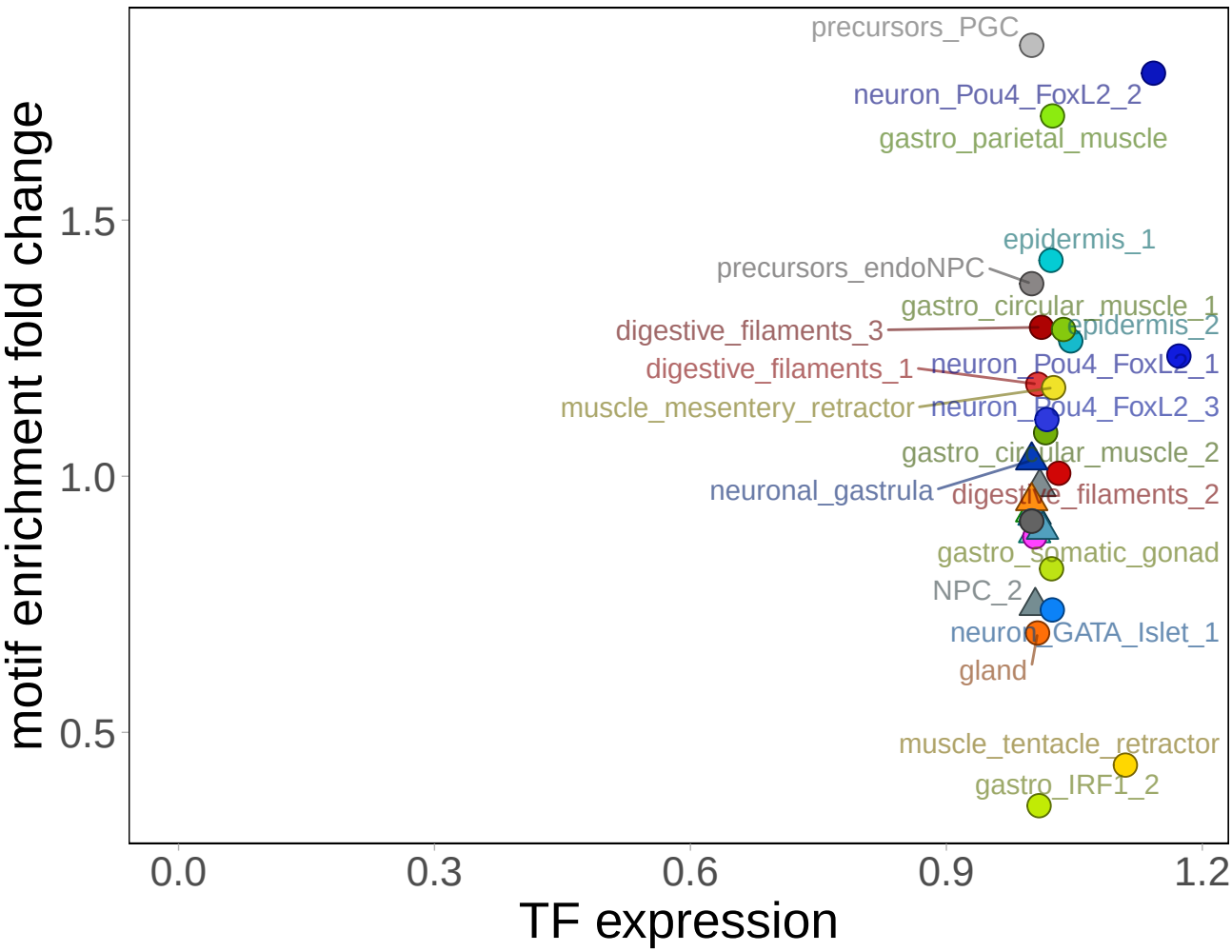
Nvec_vc1.1_XM_032362607.2
OG: Forkhead.HG1.5:FOXQ1
PFAM: Forkhead
motif: ARCH895_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 192
gene expression correlation: 0.3882
gene score correlation: 0.2964



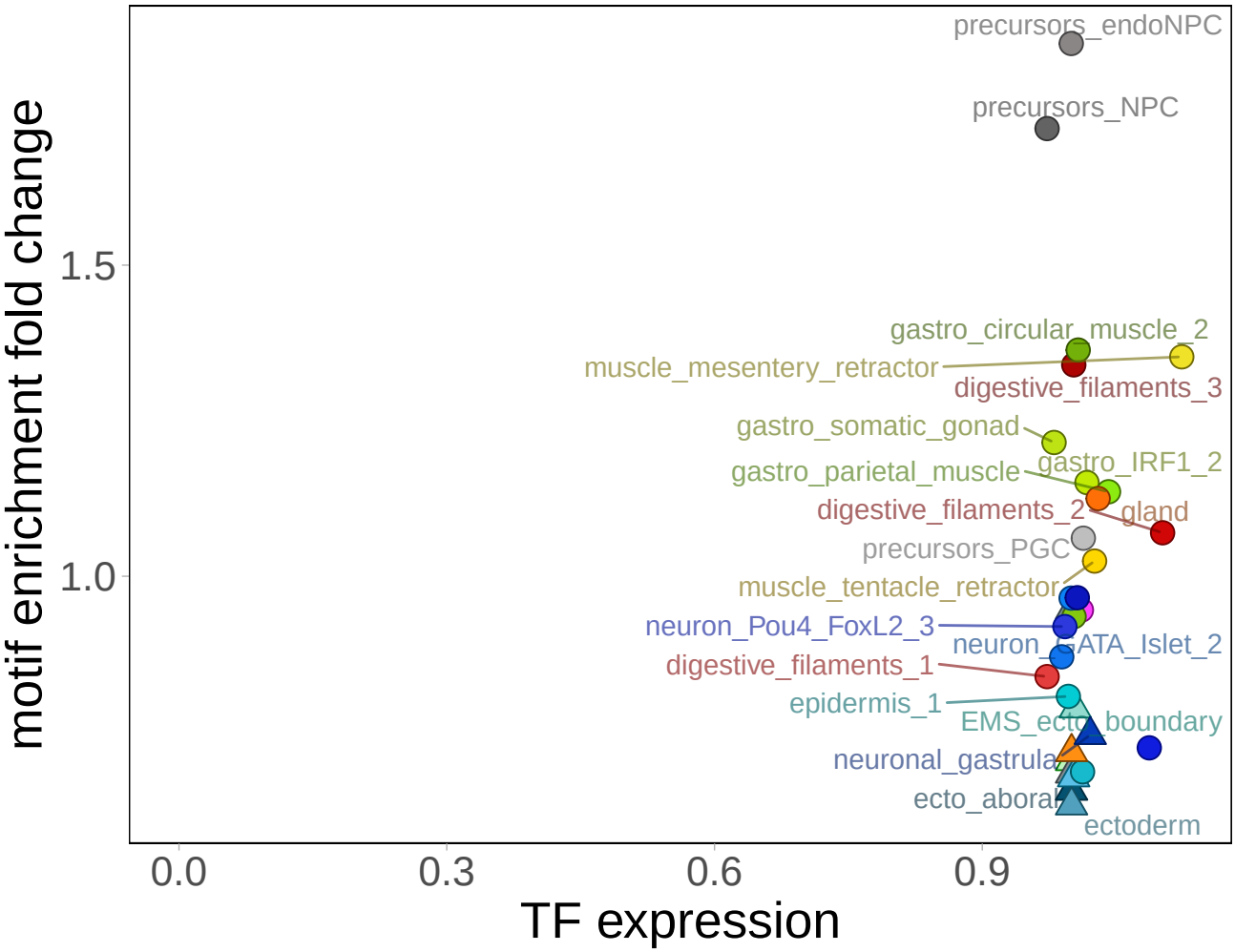
Nvec_vc1.1_XM_032362934.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 3
gene expression correlation: 0.4809
gene score correlation: 0.6000



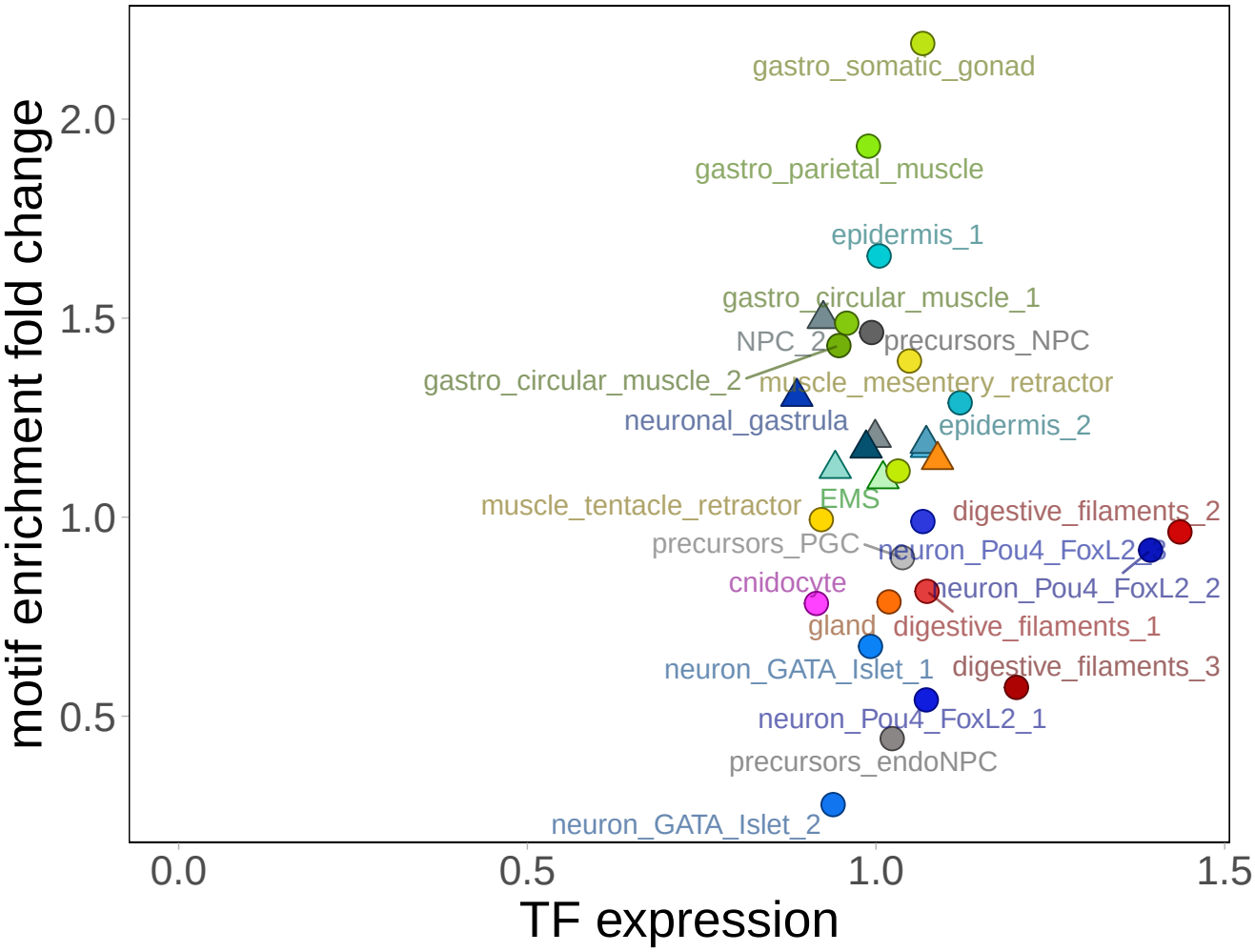
Nvec_vc1.1_XM_032362959.2
OG: MADS−box_SRF.HG1.1:like:BORCS8−ME
PFAM: SRF−TF
motif: ARCH1108_Mef2c/Mef2b/Mef2a/...
TF family: MADS−box_SRF
archetype family: MADS−box_SRF
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2046
gene score correlation: 0.3229



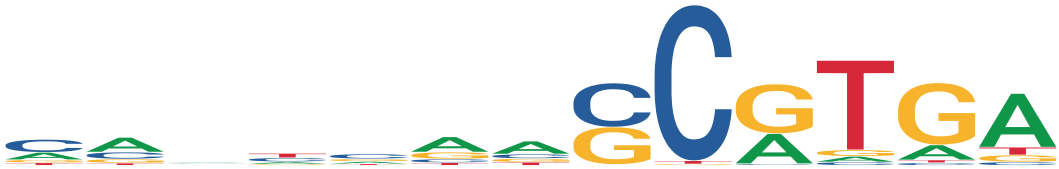
Nvec_vc1.1_XM_032363017.2
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/T
PFAM: HLH
motif: ARCH771_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 24
gene expression correlation: 0.0644
gene score correlation: 0.0164

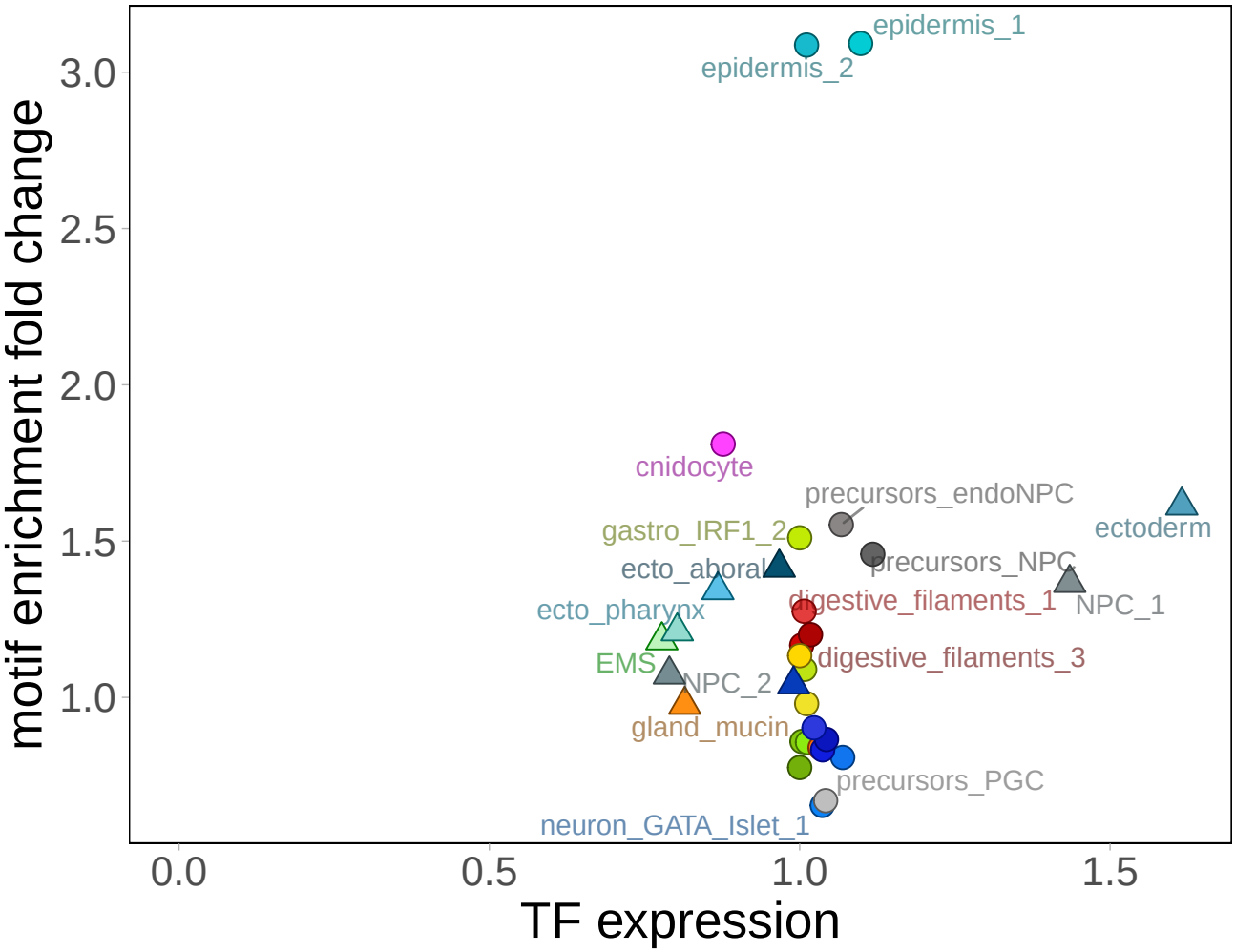


Nvec_vc1.1_XM_032363271.2
OG: zf−C4_Nuclear_receptors.HG1.8:HNF4A/
PFAM: zf−C4/Hormone_recep
motif: ARCH1497_Hnf4g/Hnf4a_Nr2c1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 7
gene expression correlation: −0.1554
gene score correlation: 0.3757

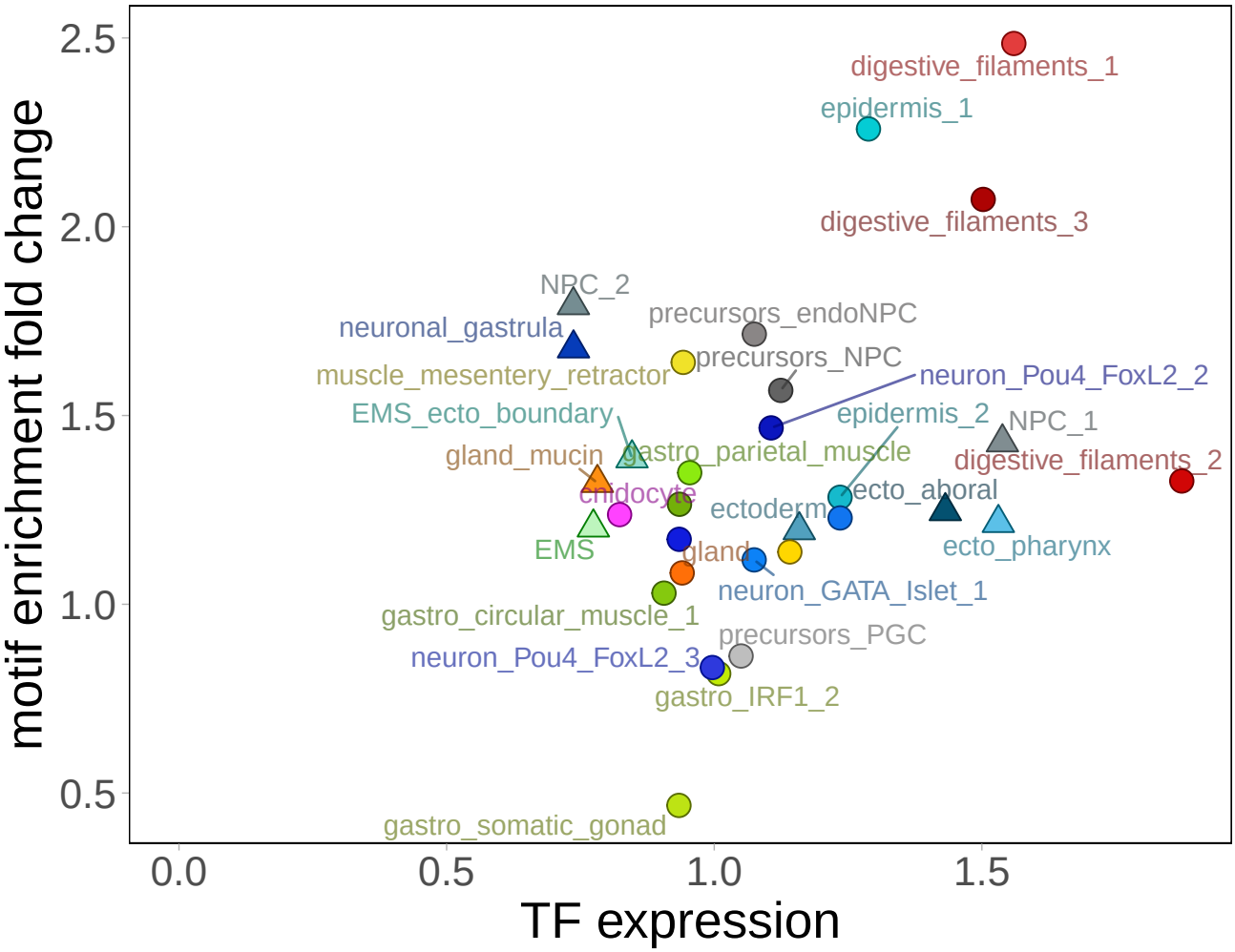


Nvec_vc1.1_XM_032363350.2
OG: Homeodomains.HG1.31:DLX1/DLX2/DLX
PFAM: Homeodomain
motif: ARCH1236_M06436_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.1455
gene score correlation: 0.6578

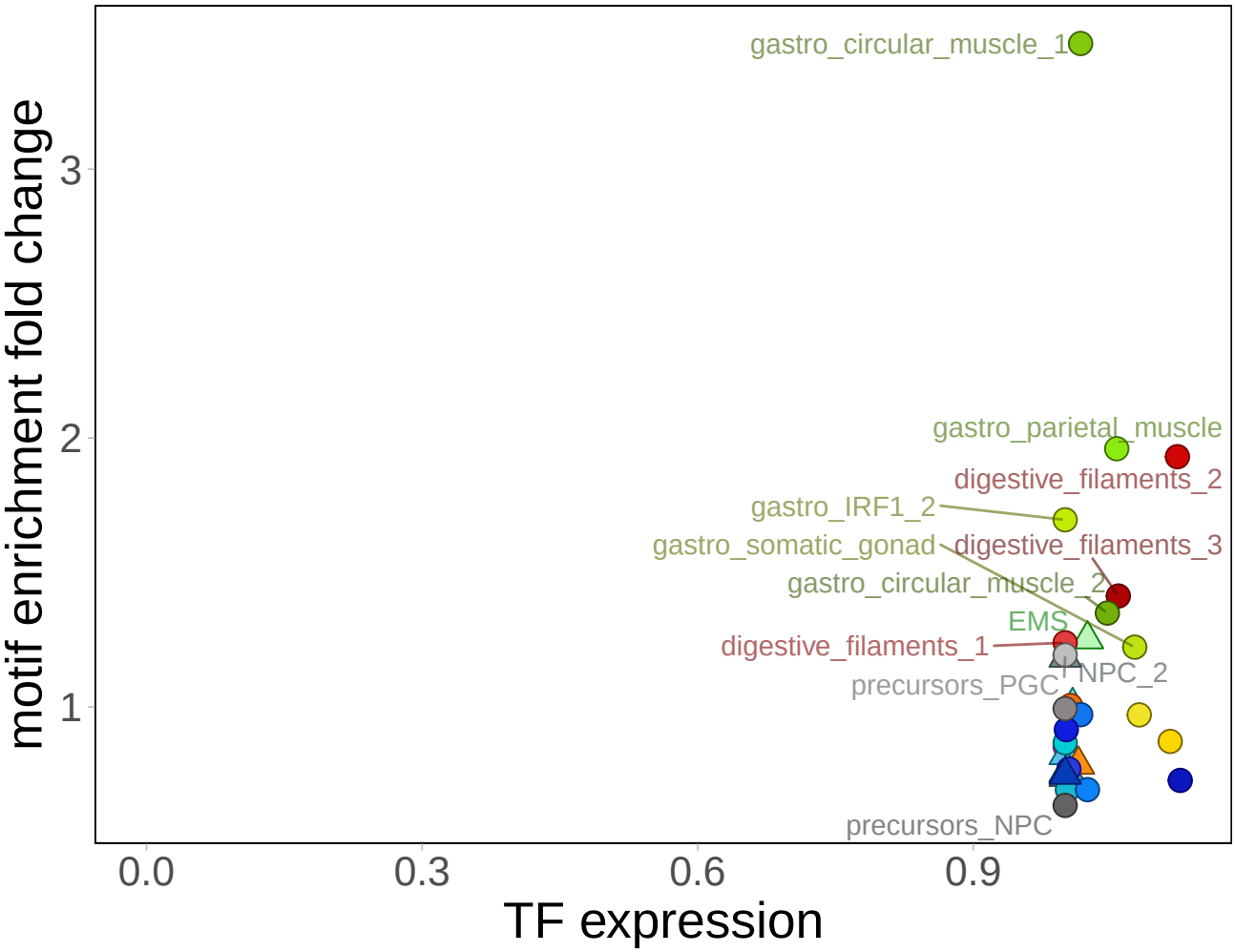




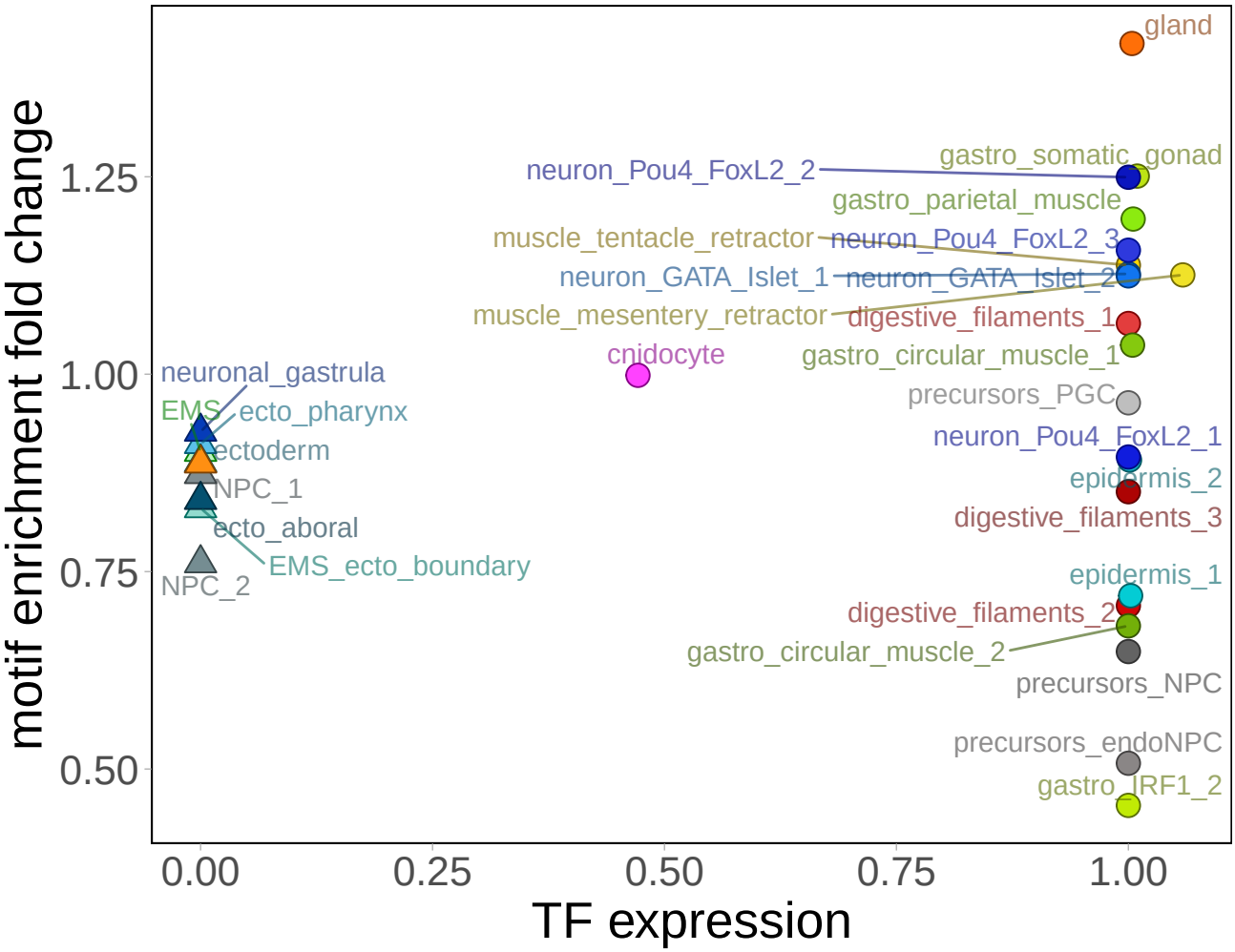
Nvec_vc1.1_XM_032363417.2
OG: zf−C2H2.HG3.2:ZBTB17
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 160
gene expression correlation: 0.2970
gene score correlation: 0.4424



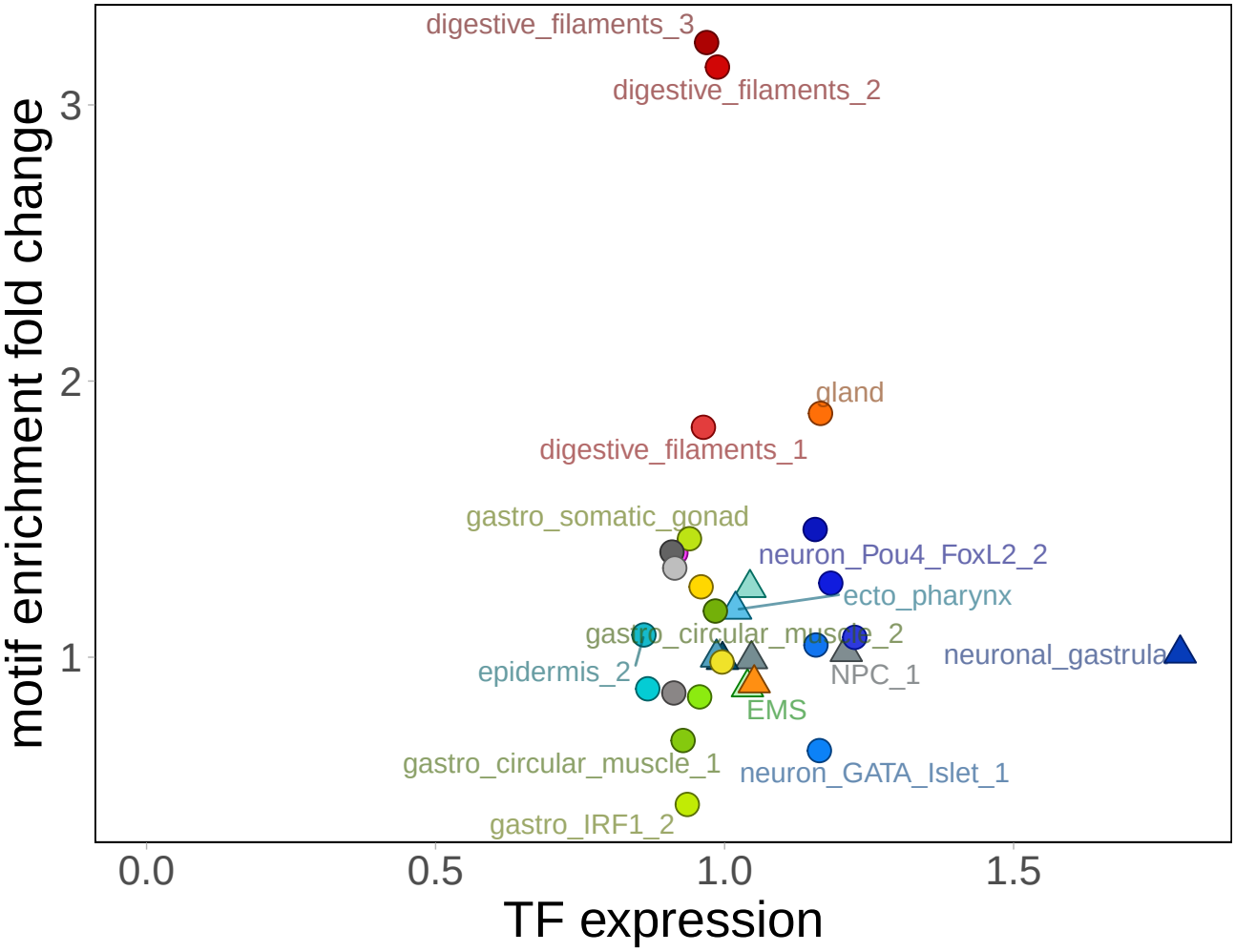
Nvec_vc1.1_XM_032363603.2
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 88
gene expression correlation: 0.1790
gene score correlation: 0.6207



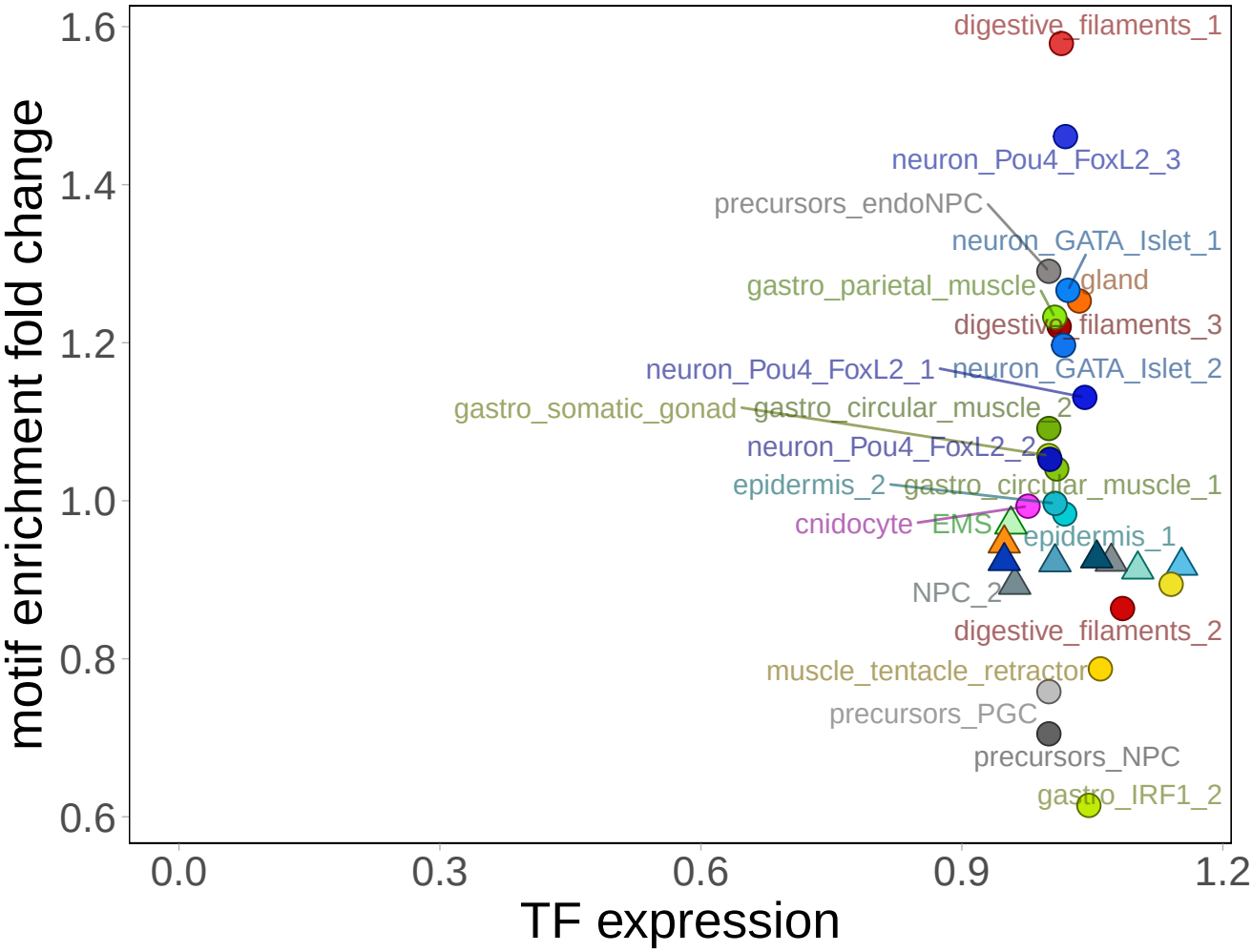
Nvec_vc1.1_XM_032363733.2
OG: zf−C2H2.HG1.62:ZBTB11
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 644
gene expression correlation: 0.1930
gene score correlation: −0.0750



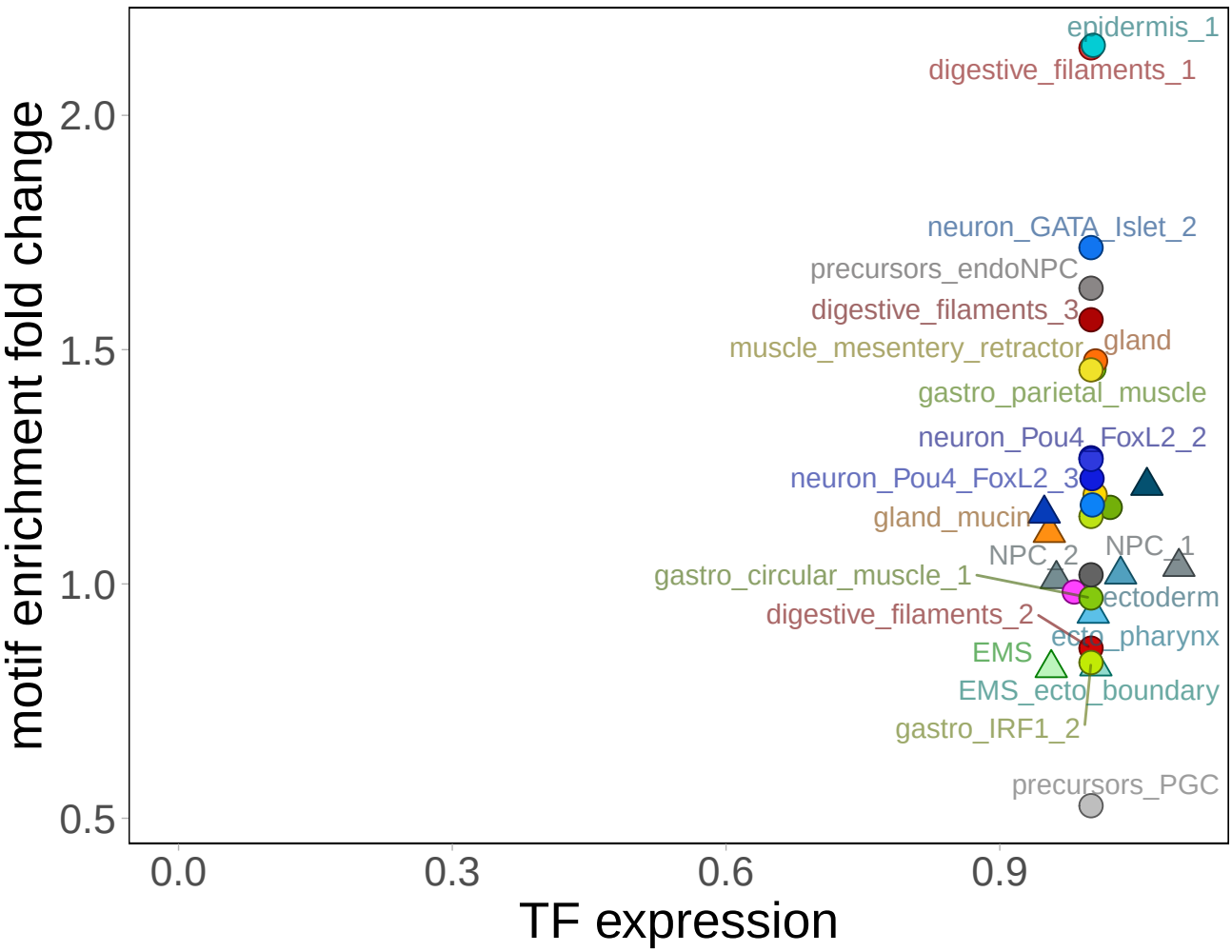
Nvec_vc1.1_XM_032363859.2
OG: Forkhead.HG1.32:FOXP2
PFAM: FOXP−CC/Forkhead
motif: ARCH1017_Foxa3/Foxa1/Foxa2_...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 89
gene expression correlation: −0.0733
gene score correlation: 0.2055



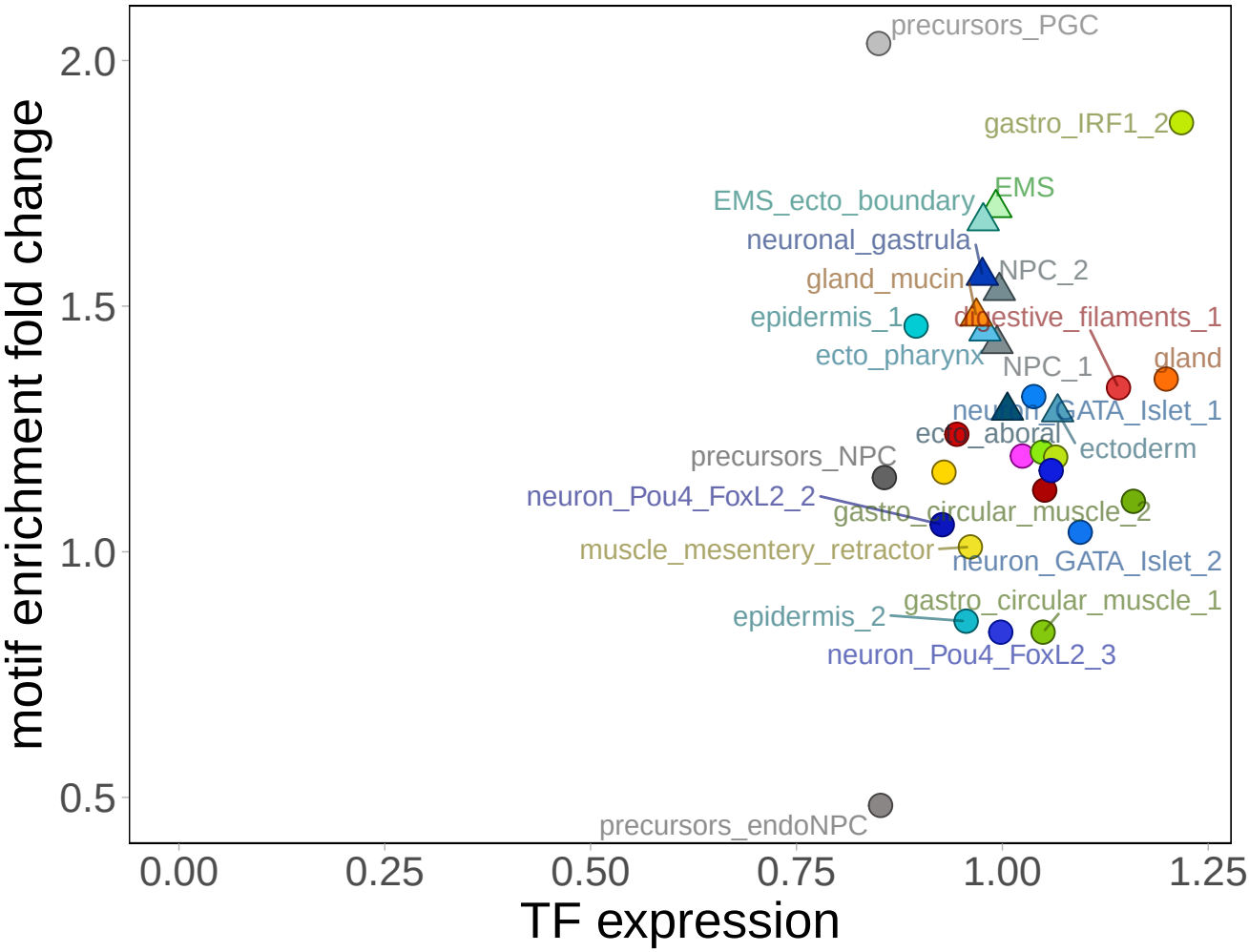
Nvec_vc1.1_XM_032363874.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH152_Emx1/Emx2_Hmx1/Hmx3...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 954
gene expression correlation: −0.1591
gene score correlation: 0.1046



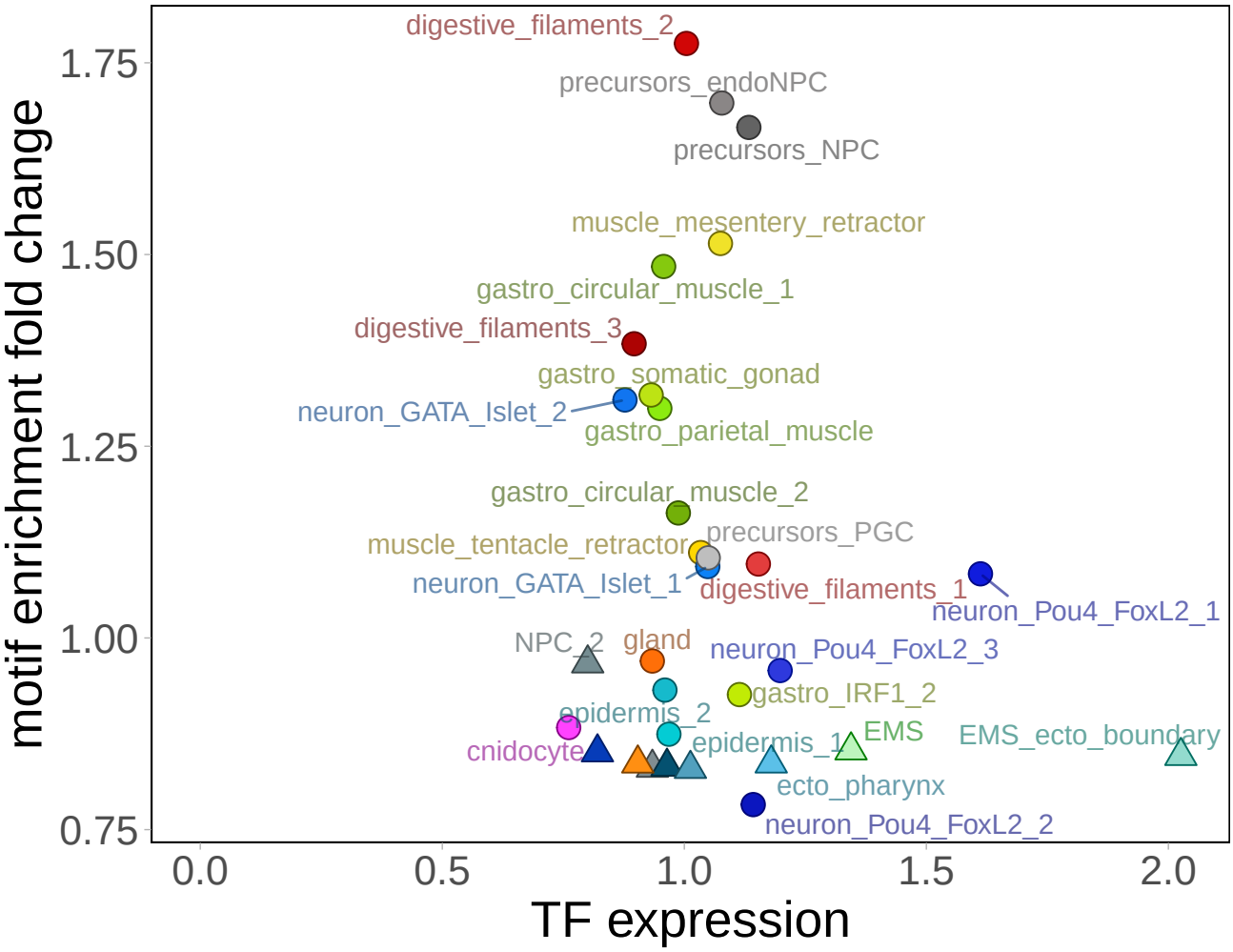
Nvec_vc1.1_XM_032363920.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 56
gene expression correlation: 0.0467
gene score correlation: −0.3700



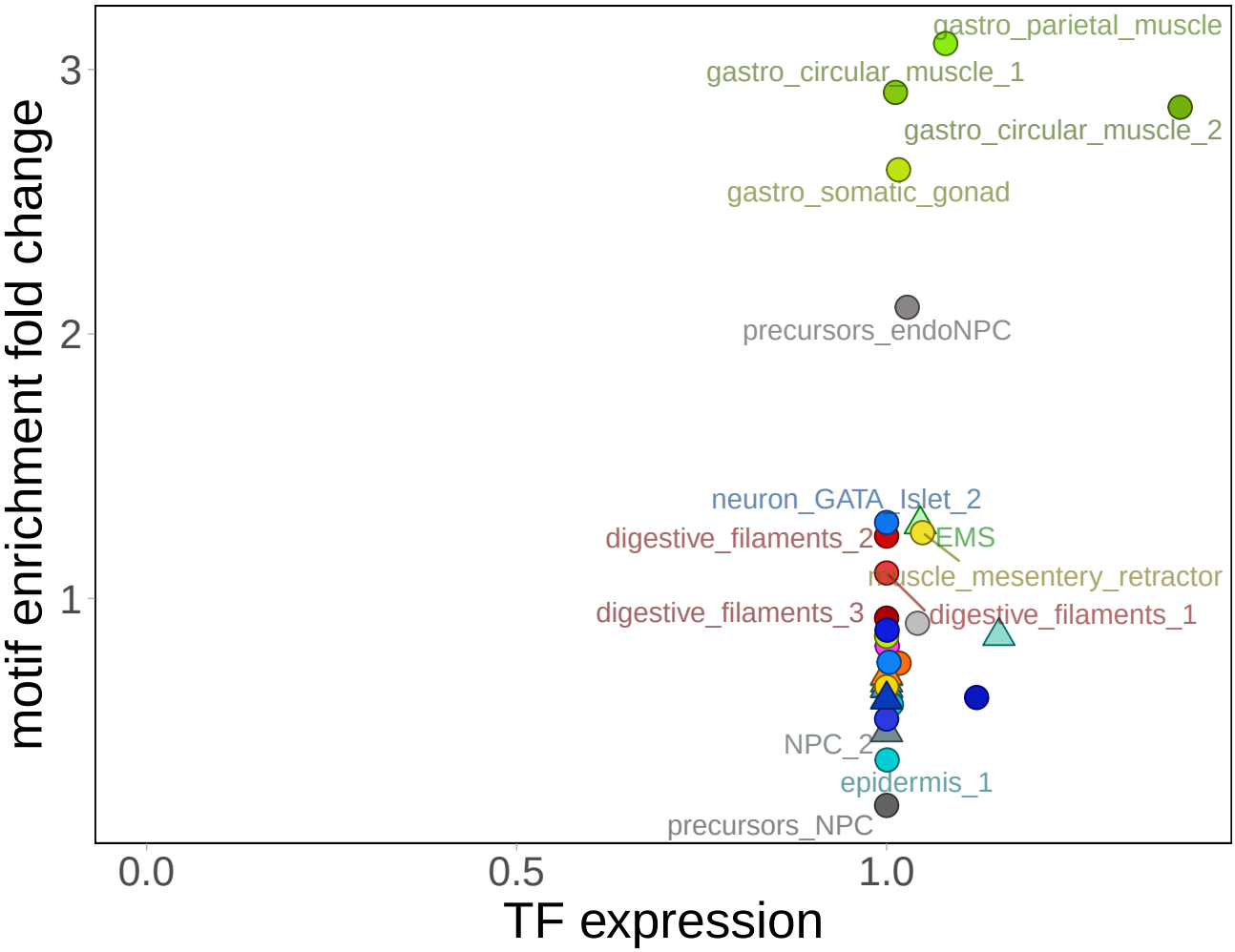
Nvec_vc1.1_XM_032363985.2
OG: bZIP.HG2.6:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH1628_Crebl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 372
gene expression correlation: 0.0976
gene score correlation: −0.0001



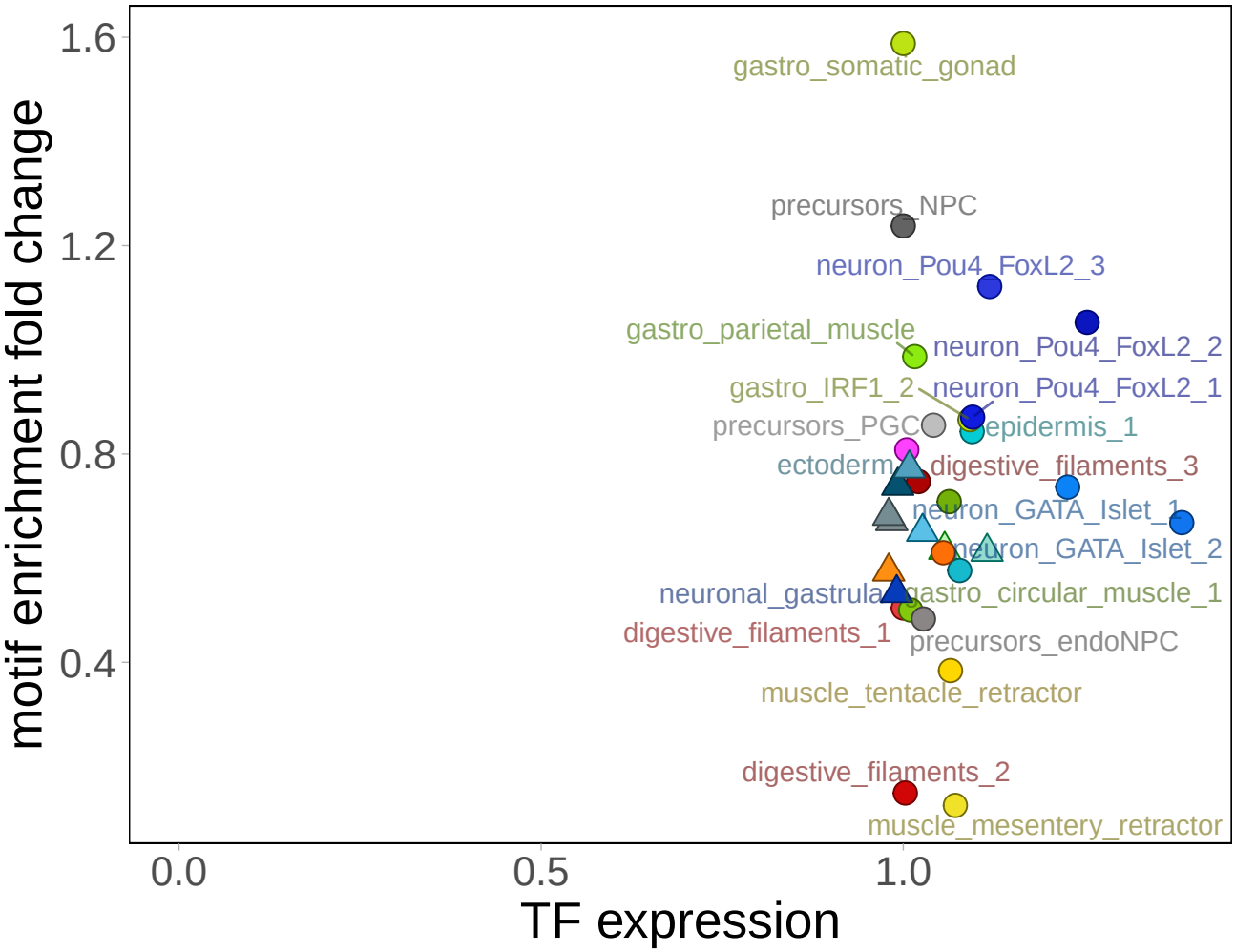
Nvec_vc1.1_XM_032364001.2
OG: SMAD_MH1.HG1.6:SMAD1/SMAD5/SMA
PFAM: MH1/MH2
motif: ARCH718_Smad2/Smad3_Smad9/S...
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 288
gene expression correlation: −0.1147
gene score correlation: −0.0204



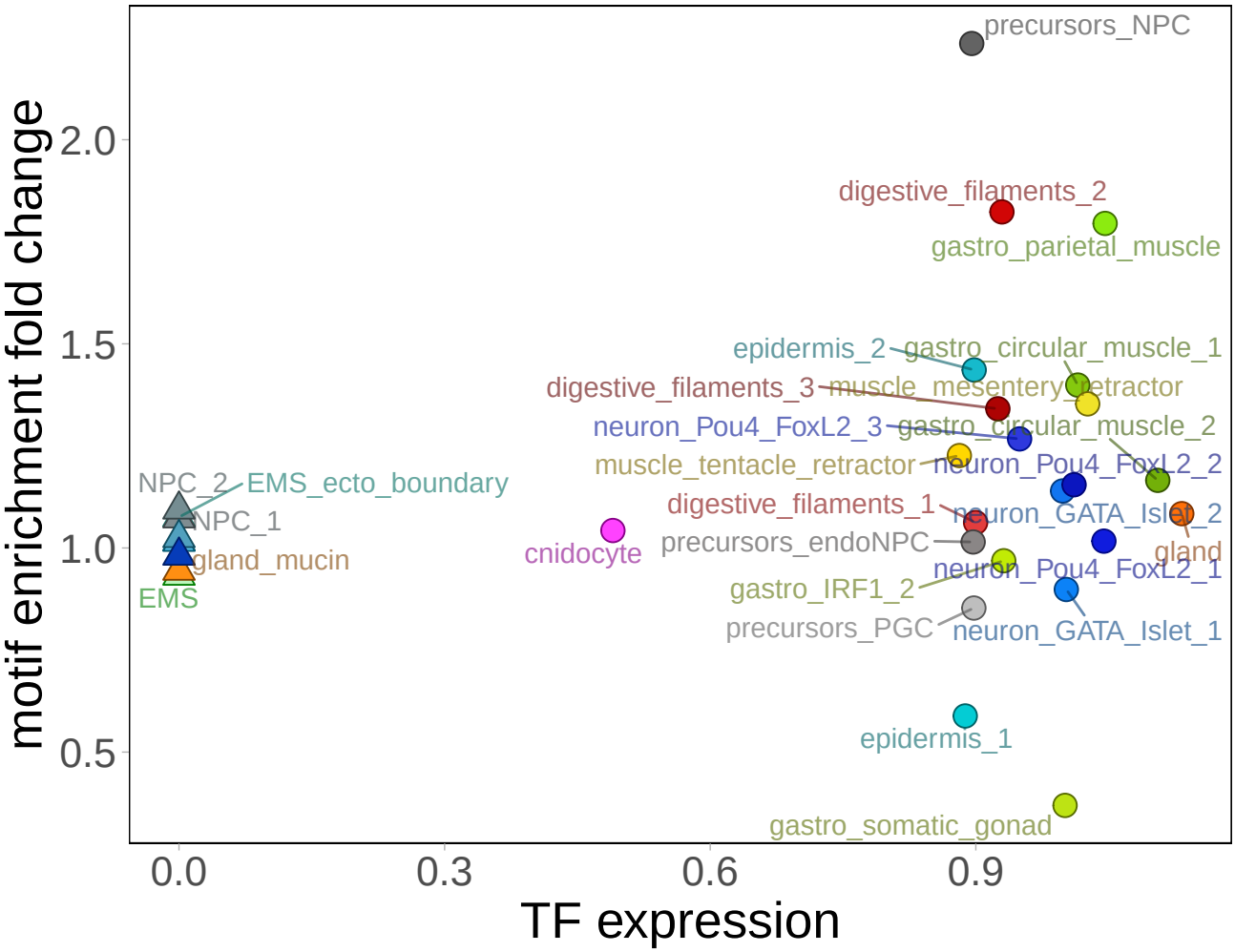
Nvec_vc1.1_XM_032364121.2
OG: Homeodomains.HG1.39:BARHL1/BARHL
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.4635
gene score correlation: 0.5536



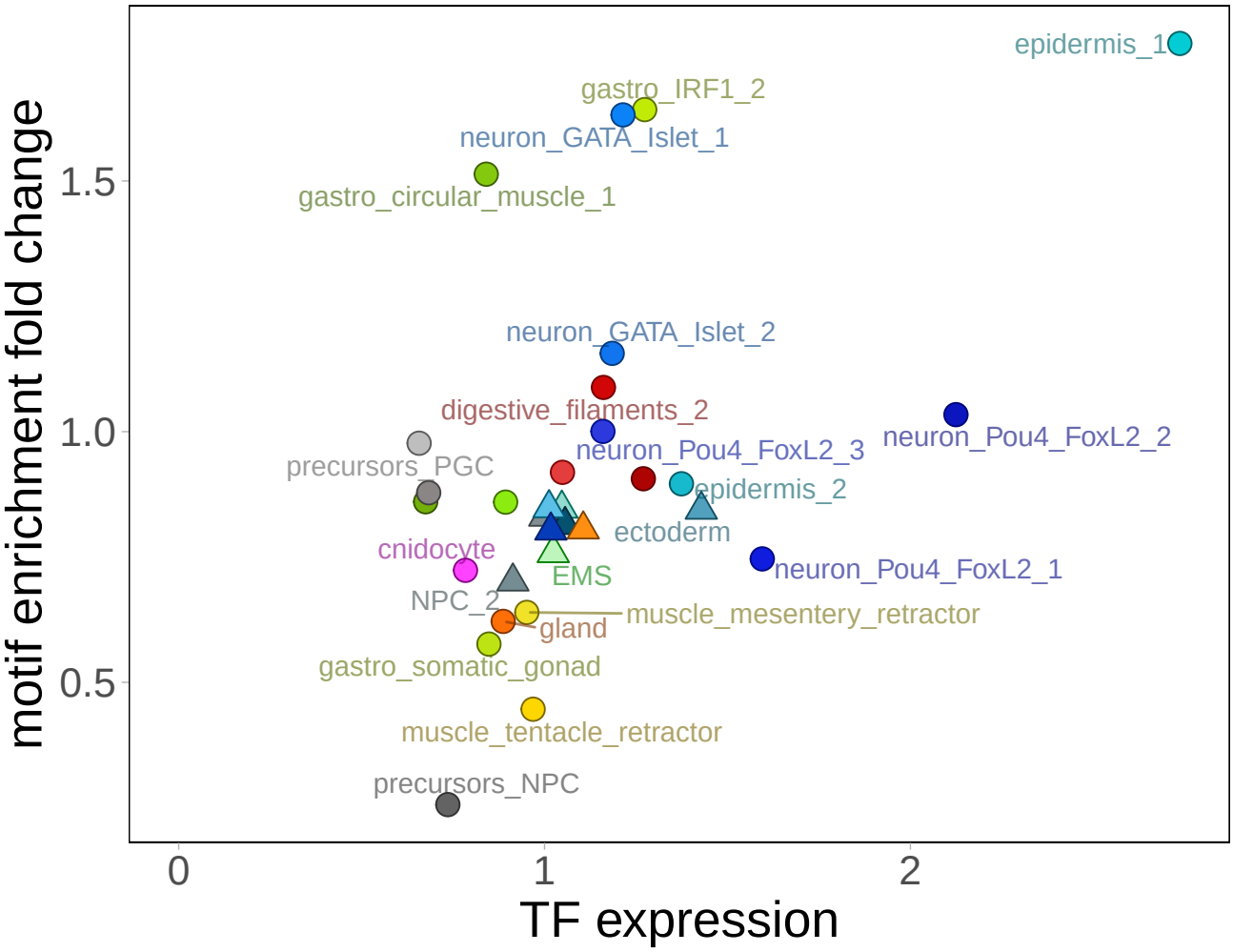
Nvec_vc1.1_XM_032364225.2
OG: HMGbox_Sox.HG1.64:like:HMG20B
PFAM: HMG_box
motif: ARCH21_Mael_Tox3/Tox/Tox2/Tox4
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 1497
gene expression correlation: 0.0809
gene score correlation: −0.2032



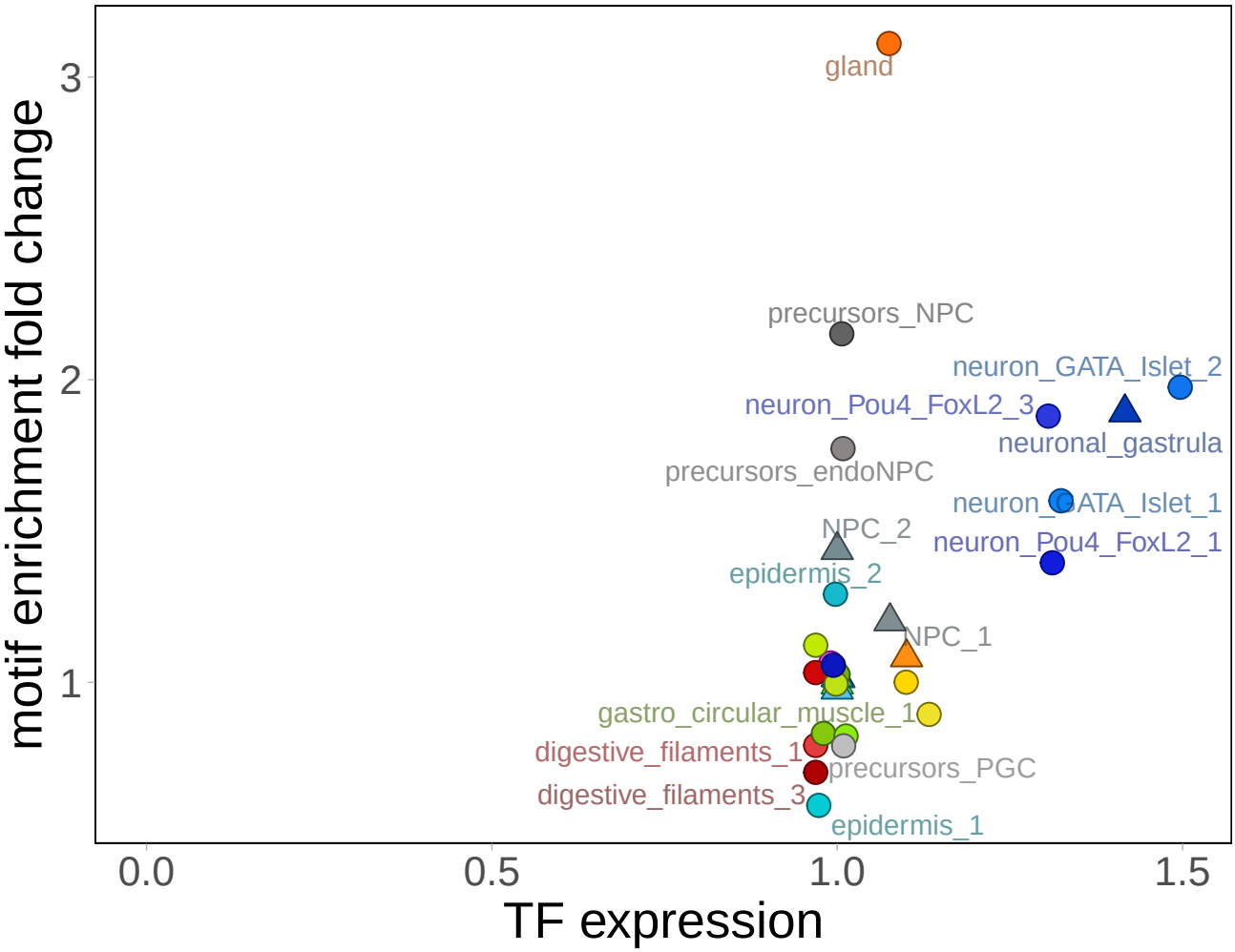
Nvec_vc1.1_XM_032364281.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
motif: ARCH1391_MYB113
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 107
gene expression correlation: 0.2333
gene score correlation: 0.2433



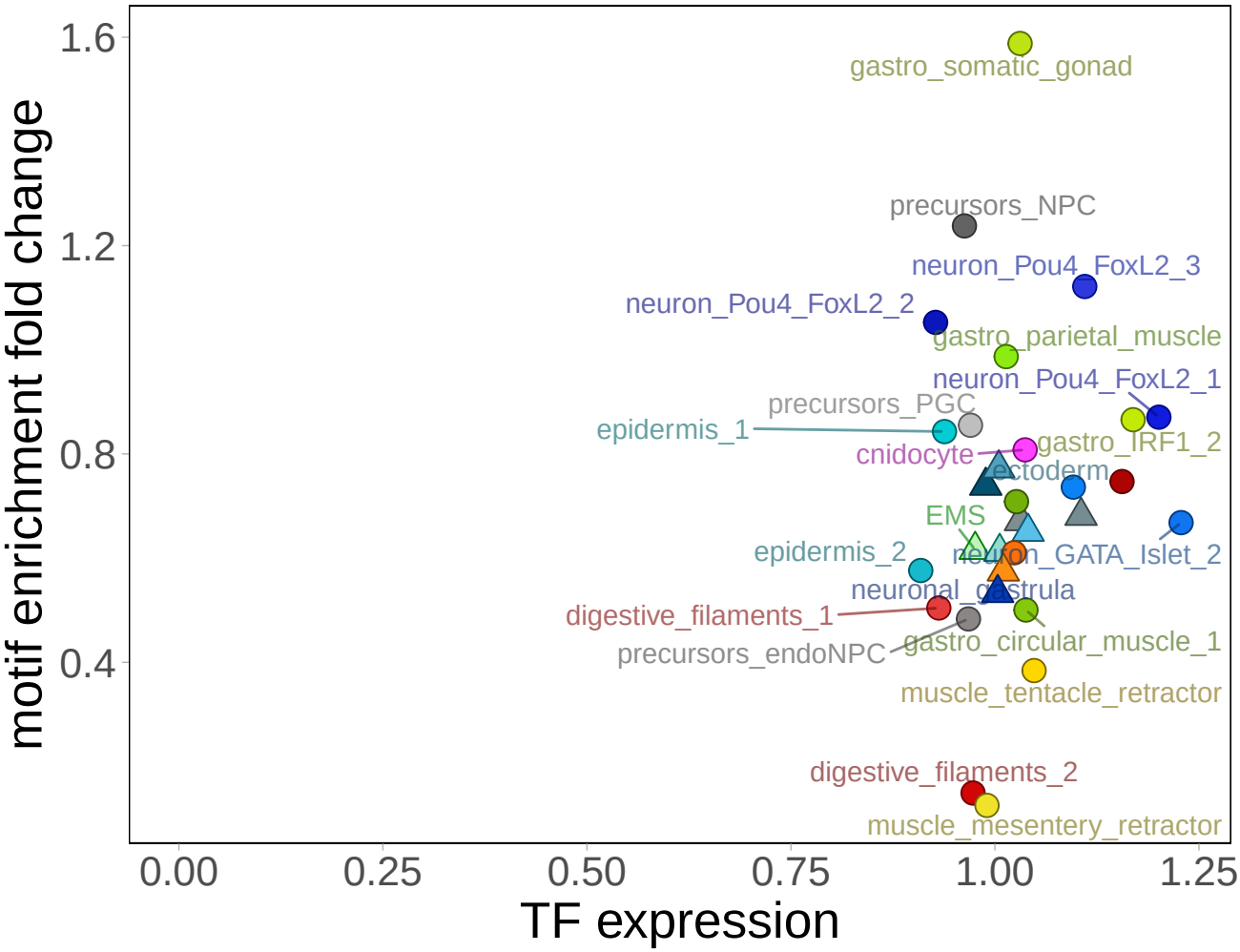
Nvec_vc1.1_XM_032364329.2
OG: HSF.HG1.5:HSF1/HSF2/HSF4
PFAM: HSF_DNA−bind/Vert_HS_TF
motif: ARCH737_Hsf1/Hsf2/Hsf4/Hsf3
TF family: HSF
archetype family: HSF
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.5079
gene score correlation: 0.7015



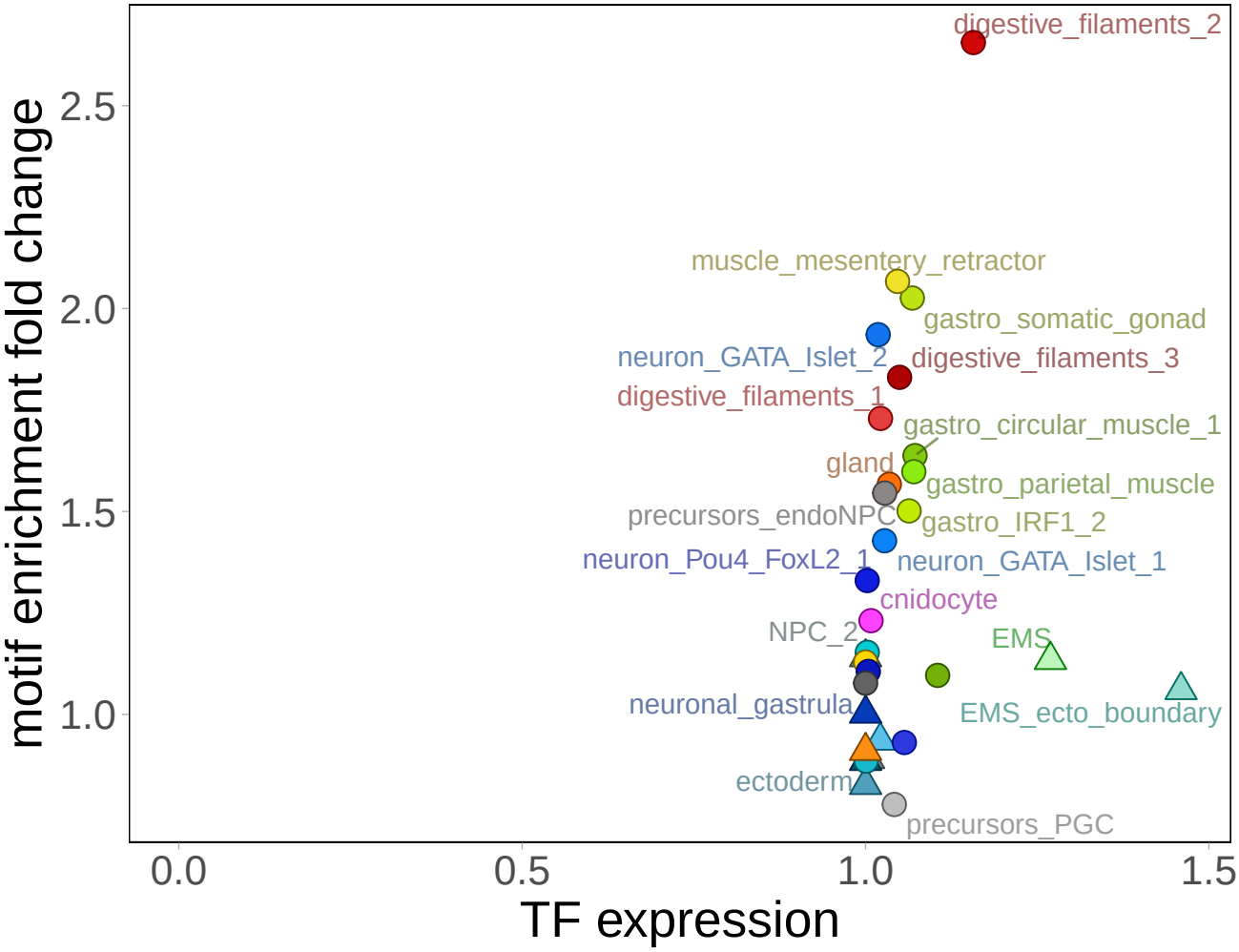
Nvec_vc1.1_XM_032364348.2
OG: HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/A
PFAM: HLH
motif: ARCH477_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4905
gene score correlation: 0.1841



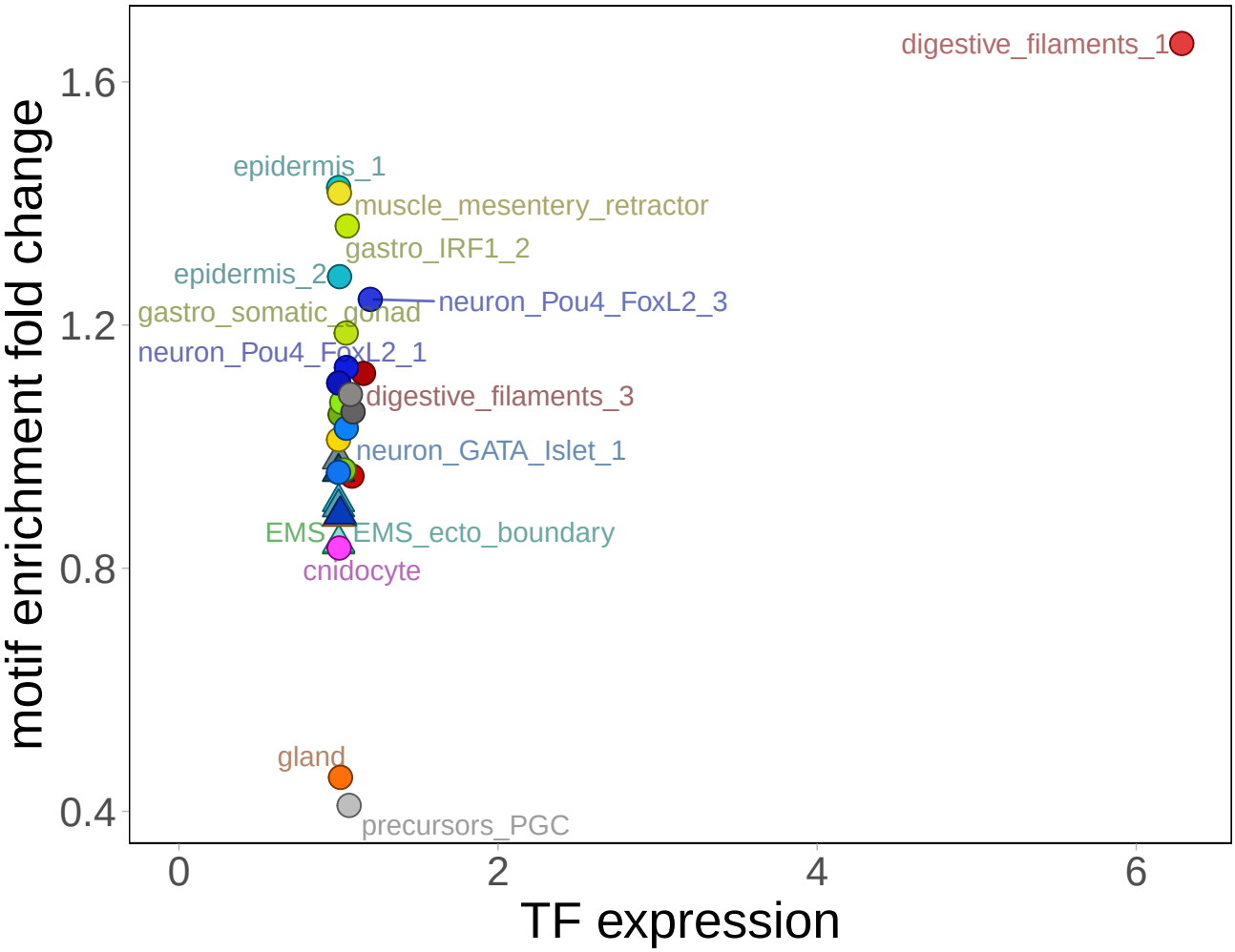
Nvec_vc1.1_XM_032364359.2
OG: HMGbox_Sox.HG1.40:TOX/TOX2/TOX3/T
PFAM: HMG_box
motif: ARCH21_Mael_Tox3/Tox/Tox2/Tox4
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 656
gene expression correlation: 0.1361
gene score correlation: −0.0603



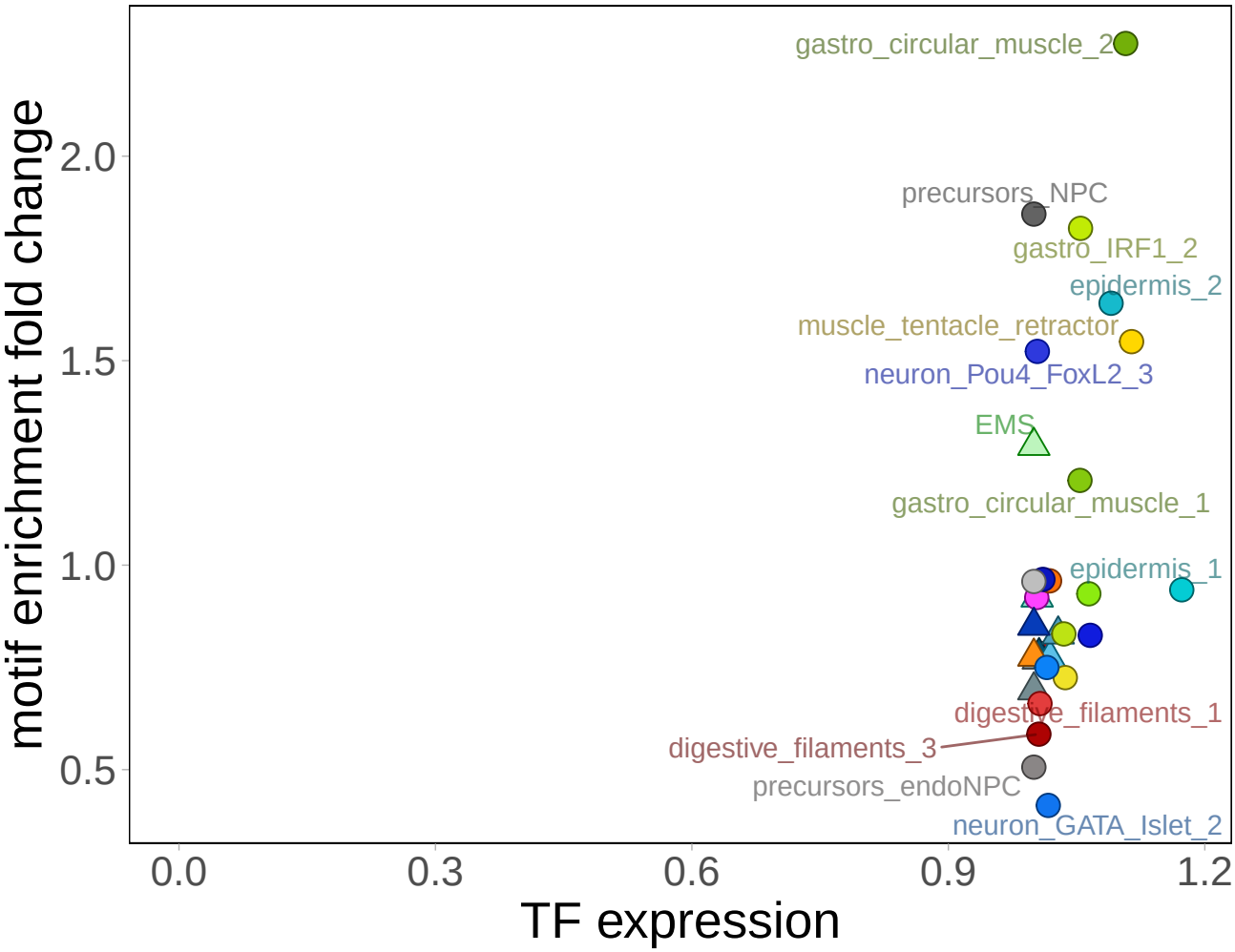
Nvec_vc1.1_XM_032364561.2
OG: Homeodomains.HG2.0:HNF1A/HNF1B
PFAM: HNF−1_N/Homeodomain
motif: ARCH1503_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 103
gene expression correlation: 0.1222
gene score correlation: 0.0325



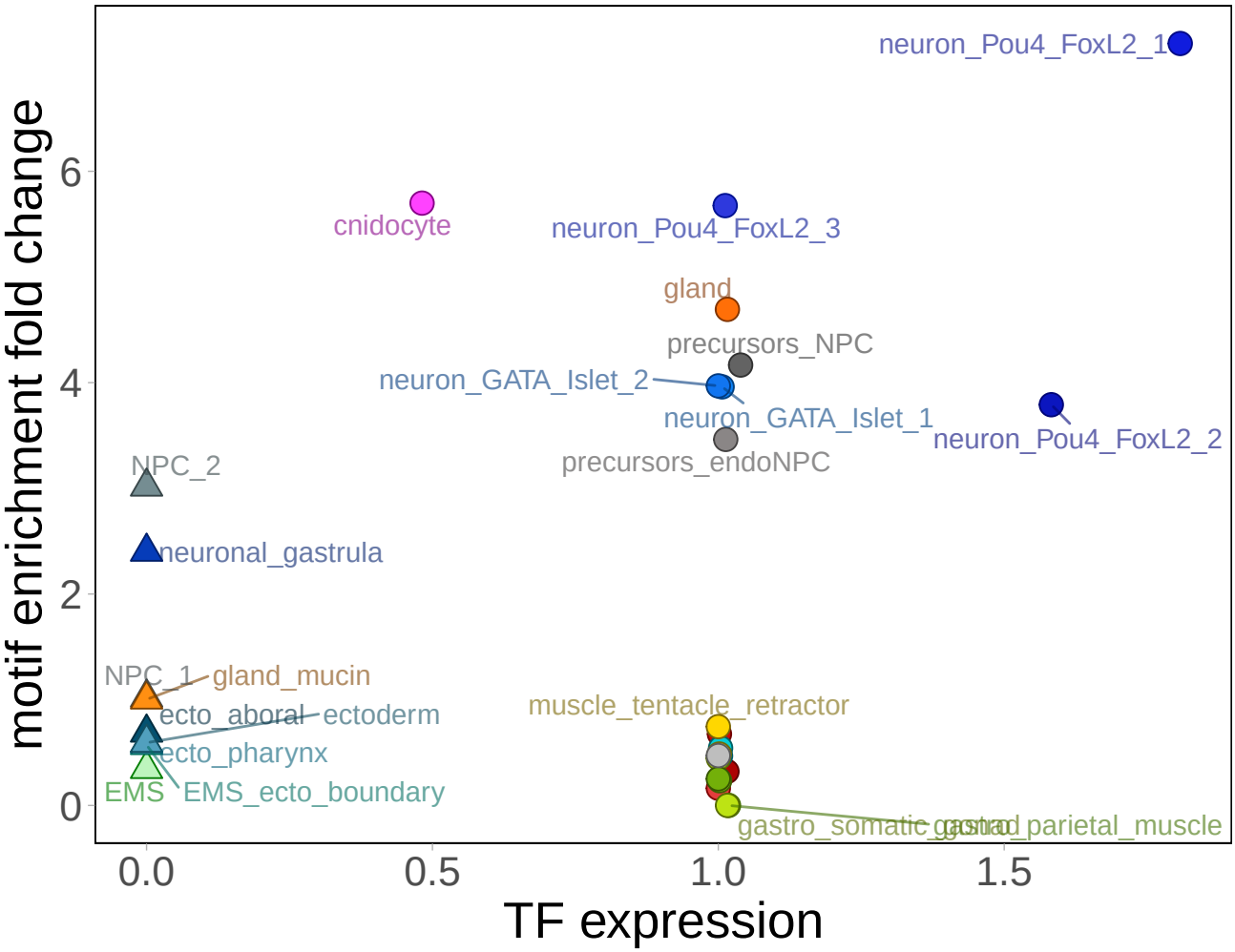
Nvec_vc1.1_XM_032364605.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH1336_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 8
gene expression correlation: 0.4724
gene score correlation: 0.4682



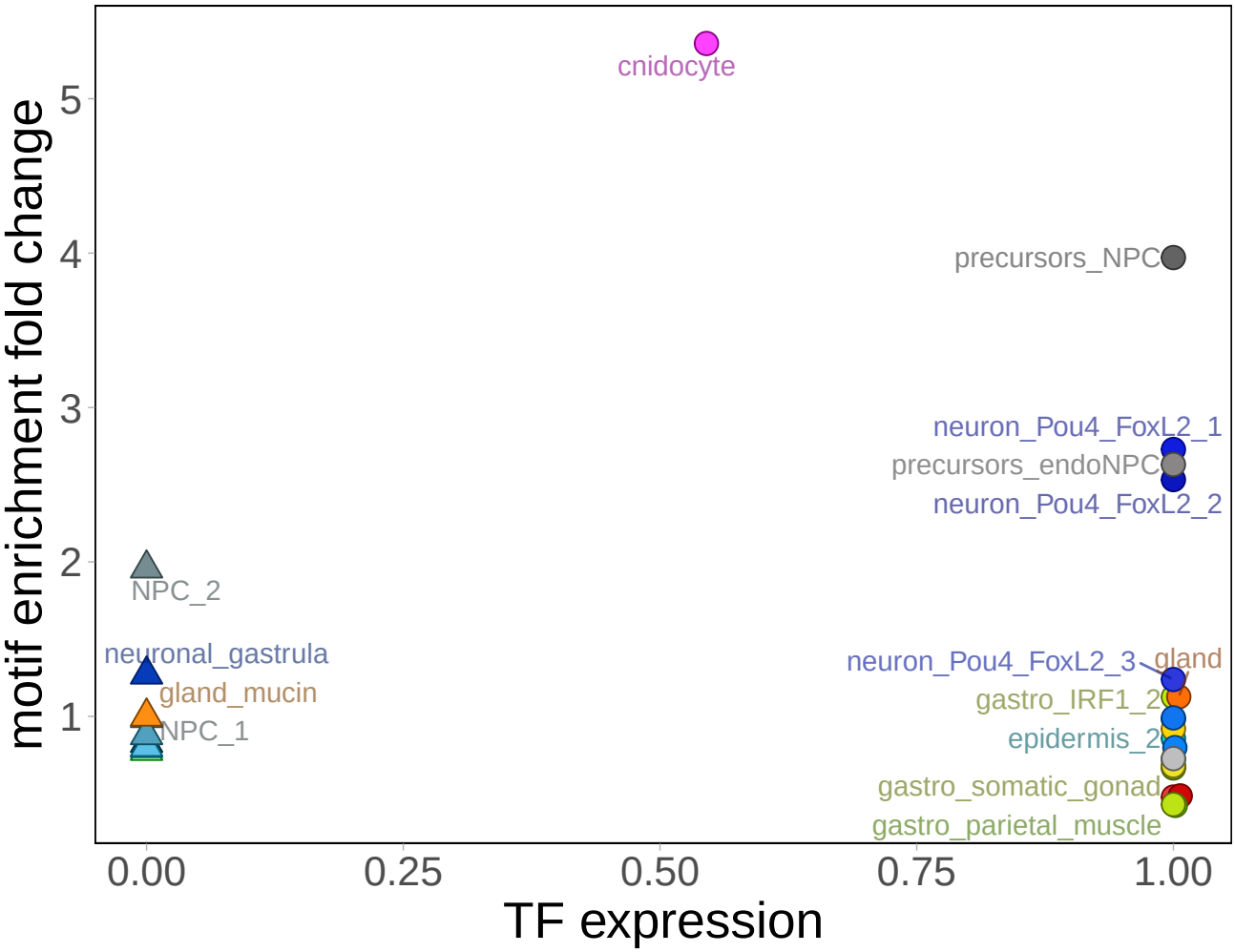
Nvec_vc1.1_XM_032364704.2
OG: zf−C2H2.HG4.1:like:GLI1/GLI2/GLI3/GLIS
PFAM: zf−C2H2
motif: ARCH386_PB0102.1_Zic2_1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.4192
gene score correlation: 0.6341



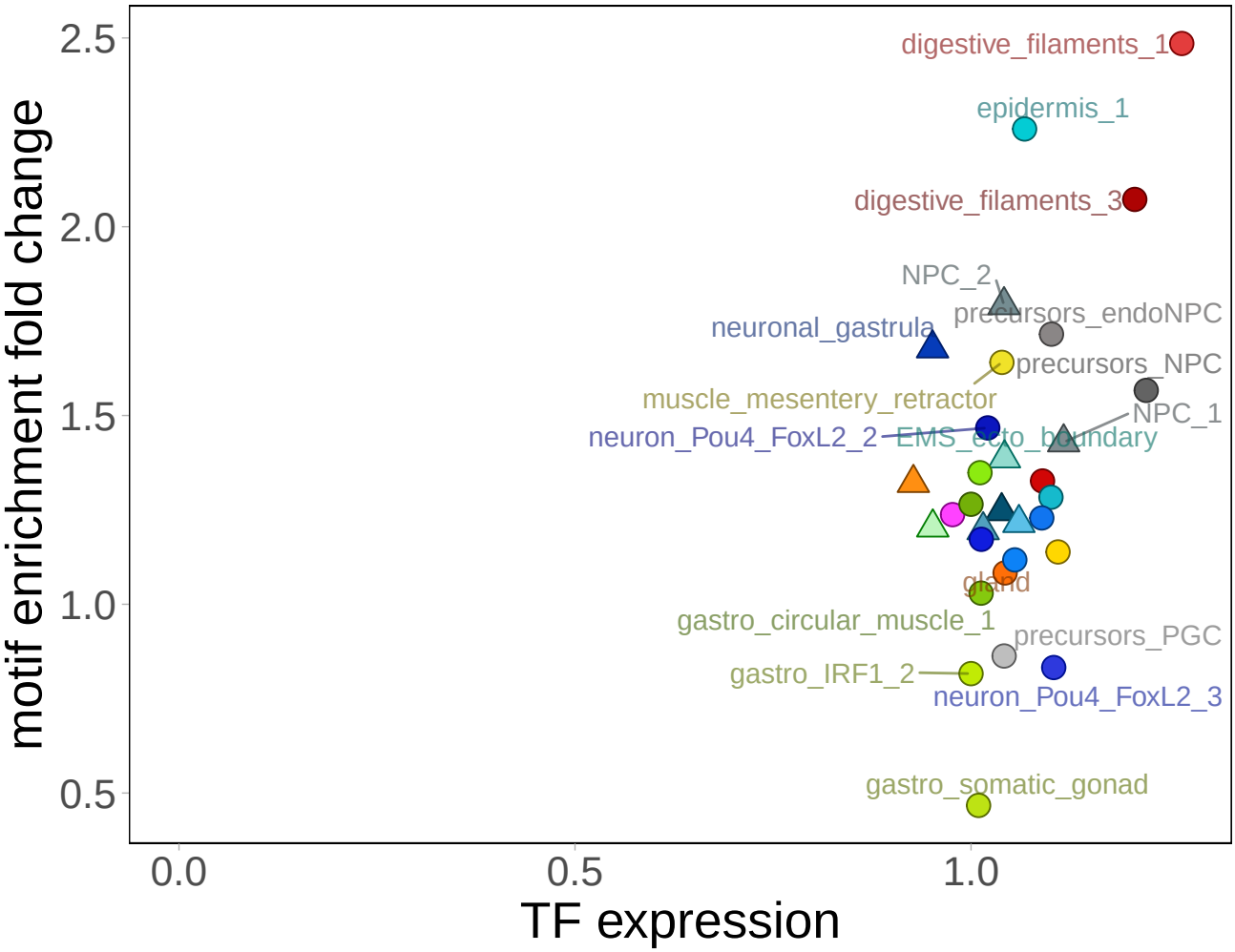
Nvec_vc1.1_XM_032364814.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GF
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.3114
gene score correlation: 0.7090



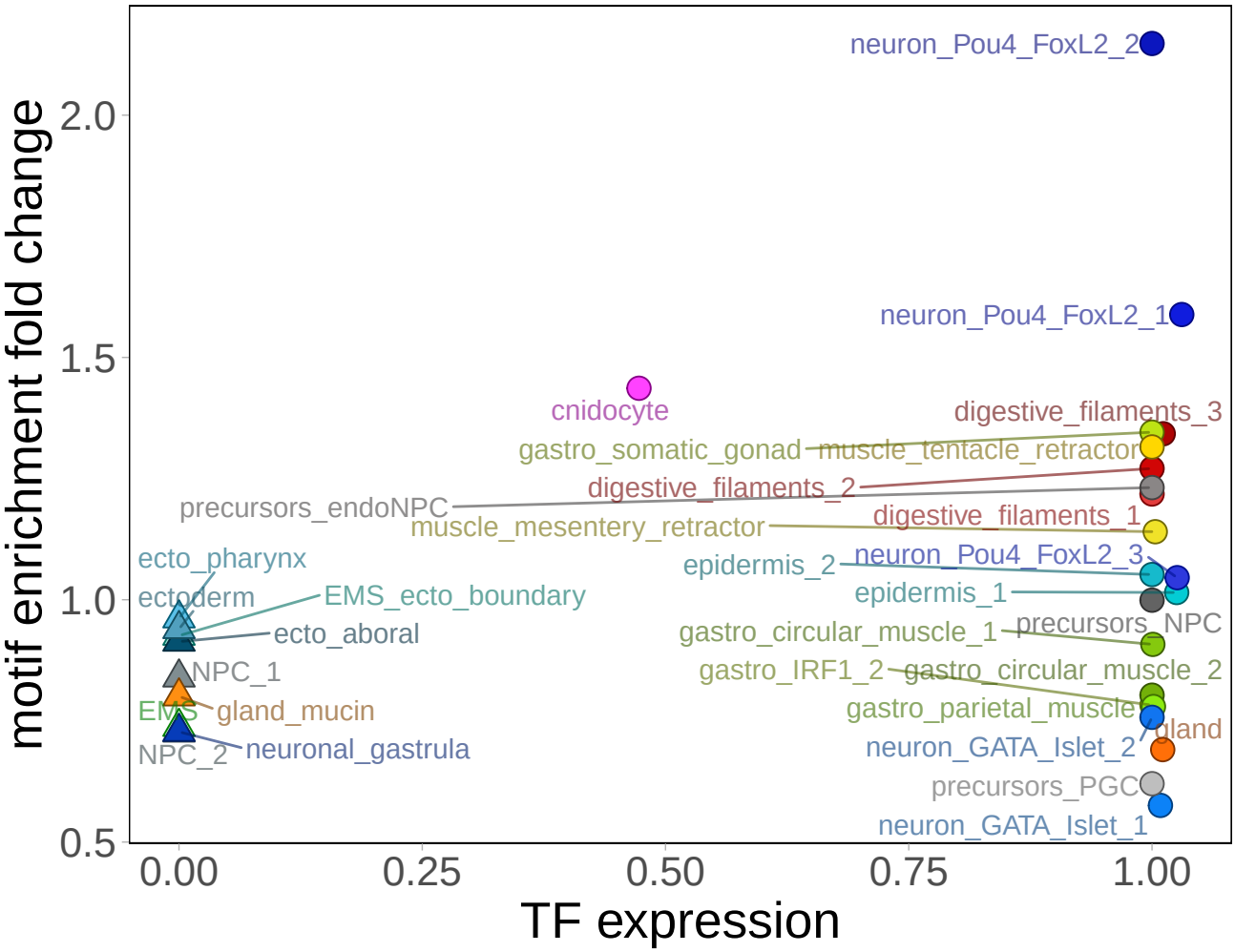
Nvec_vc1.1_XM_032364851.2
OG: zf−C2H2.HG1.32:like:AC008758.1/AC008
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.0270
gene score correlation: 0.6321



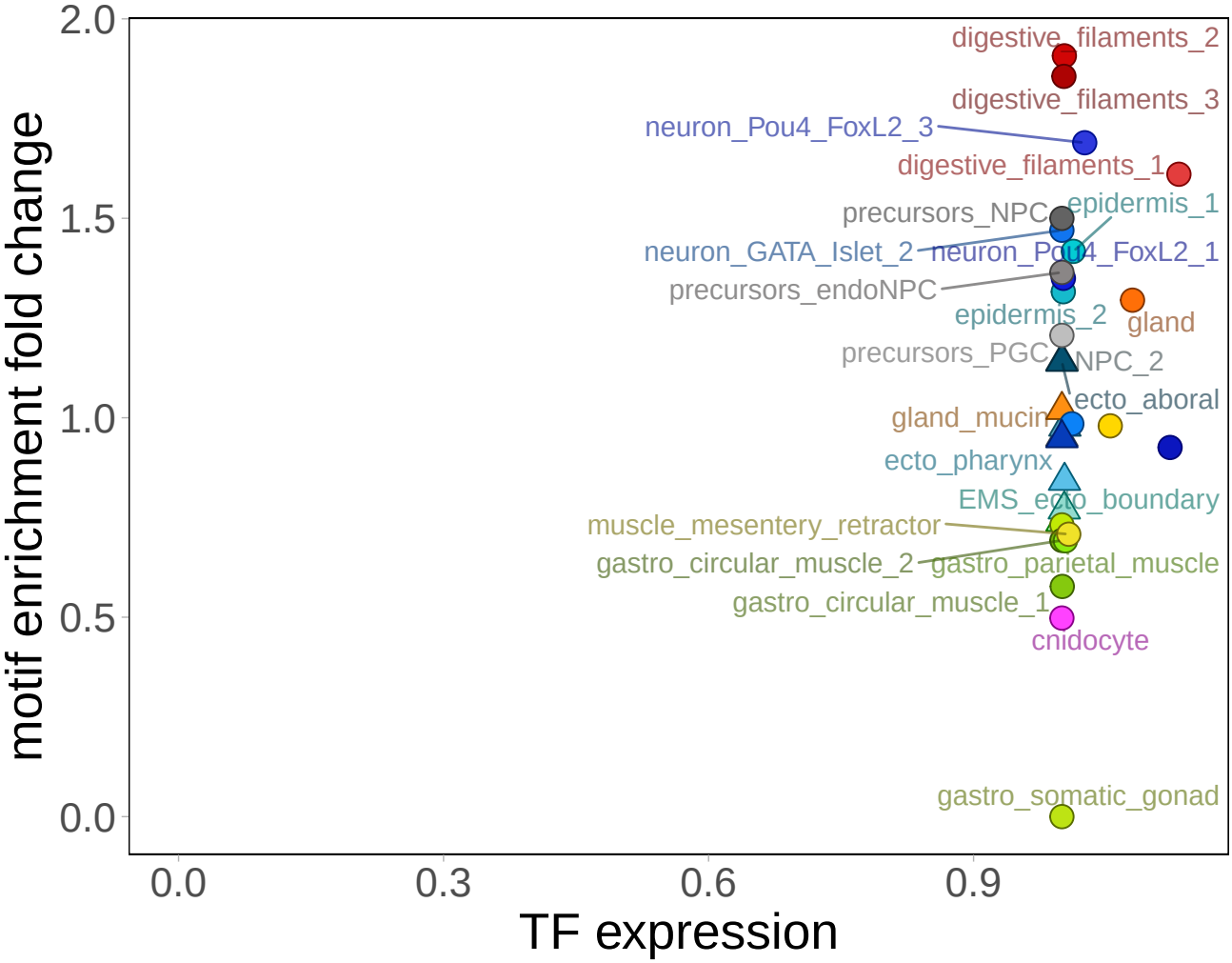
Nvec_vc1.1_XM_032364903.2
OG: zf−C2H2.HG1.57:like:AC008758.1/AC008
PFAM: zf−C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1169
gene expression correlation: 0.4889
gene score correlation: −0.1647



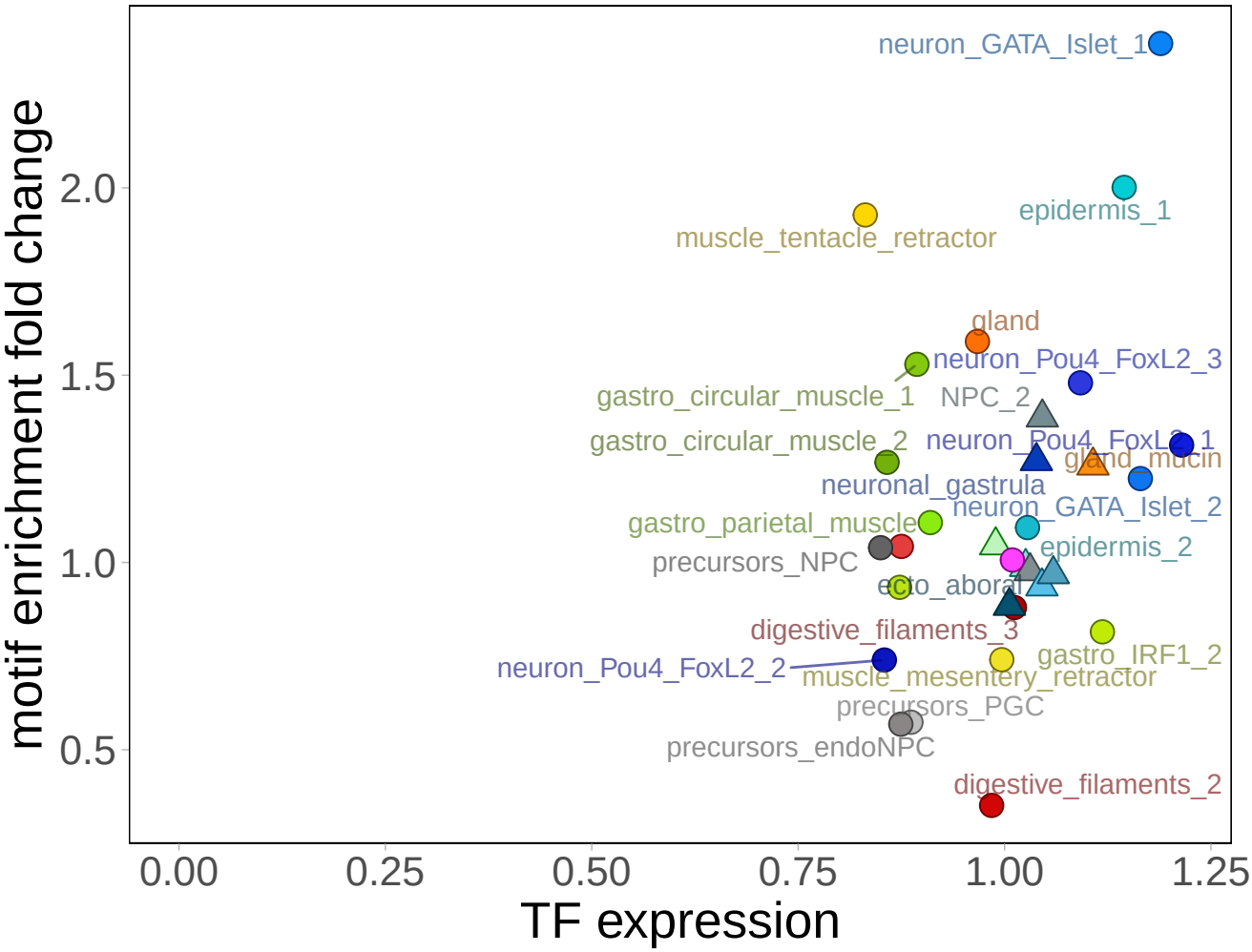
Nvec_vc1.1_XM_032365104.2
OG: Forkhead.HG1.34:like:FOXO1/FOXO3/FO
PFAM: Forkhead
motif: ARCH1018_Foxc2/Foxc1_Foxd2/...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 447
gene expression correlation: 0.3058
gene score correlation: 0.0111



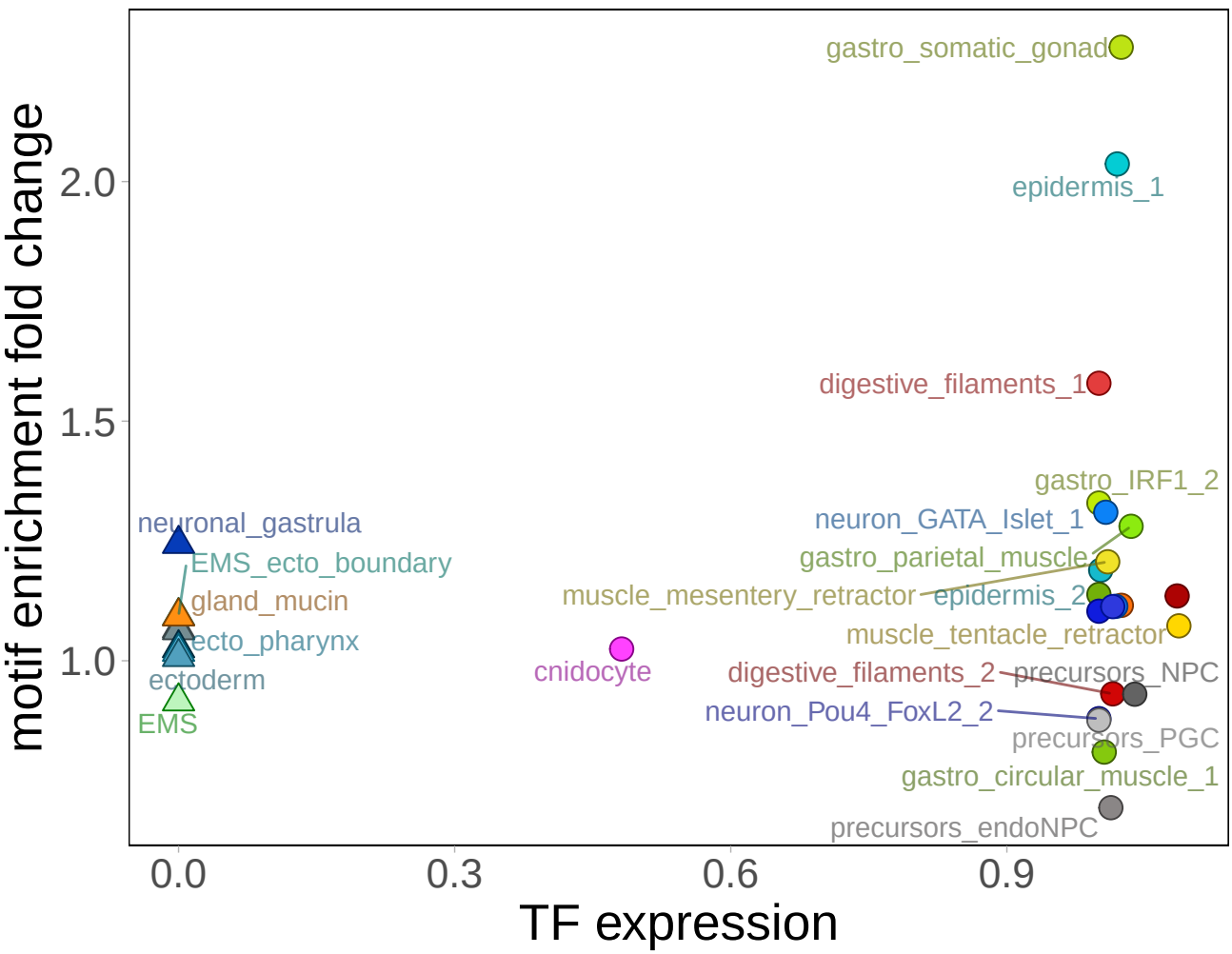
Nvec_vc1.1_XM_032365212.2
OG: Homeodomains.HG2.3:like:AC025287.4/A
PFAM: Homeodomain
motif: ARCH322_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 138
gene expression correlation: 0.1898
gene score correlation: 0.1906



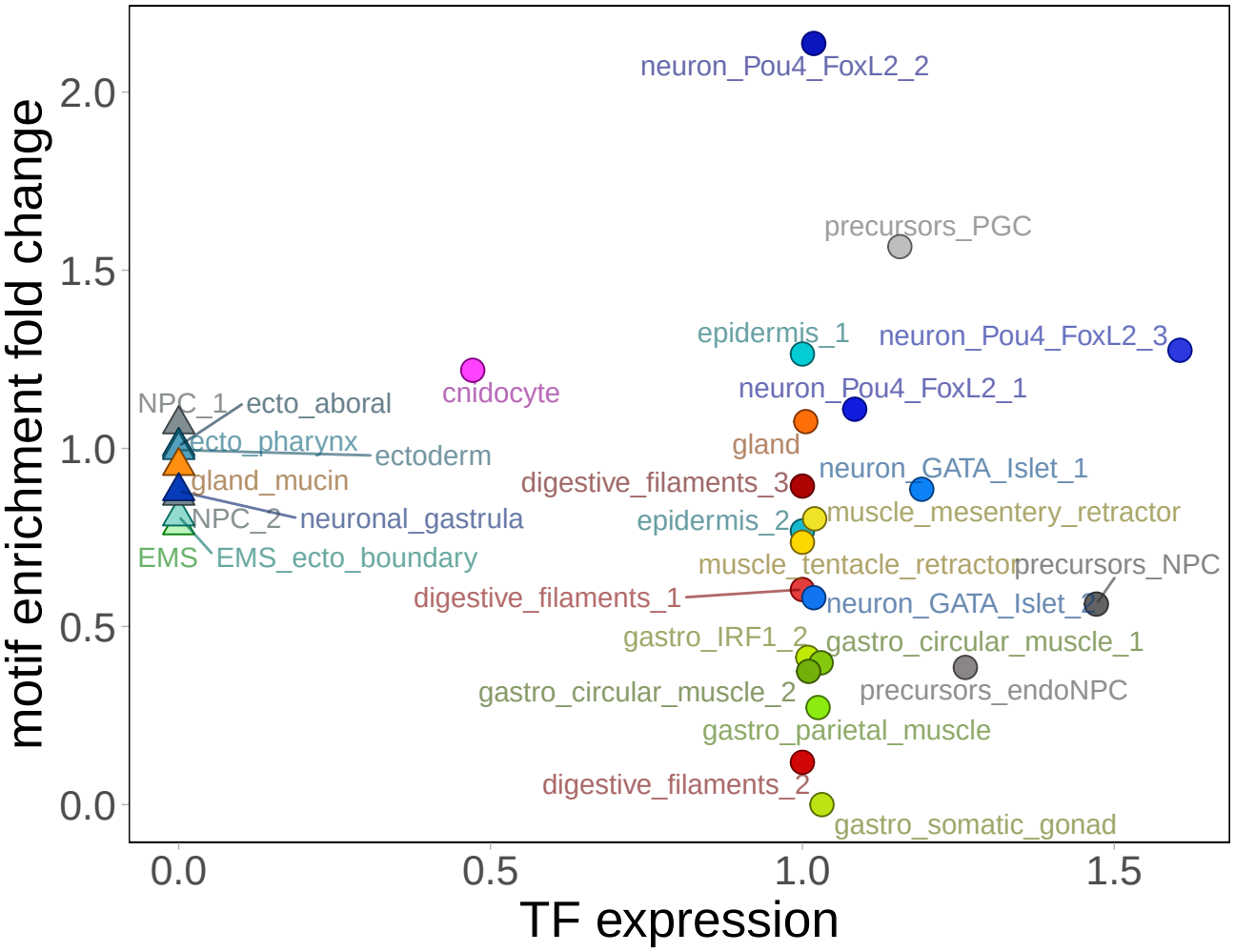
Nvec_vc1.1_XM_032365977.2
OG: zf−C2H2.HG1.33:like:AC008758.1/AC008
PFAM: zf−C2H2
motif: ARCH909_Egr3/Egr1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3269
gene score correlation: 0.5666



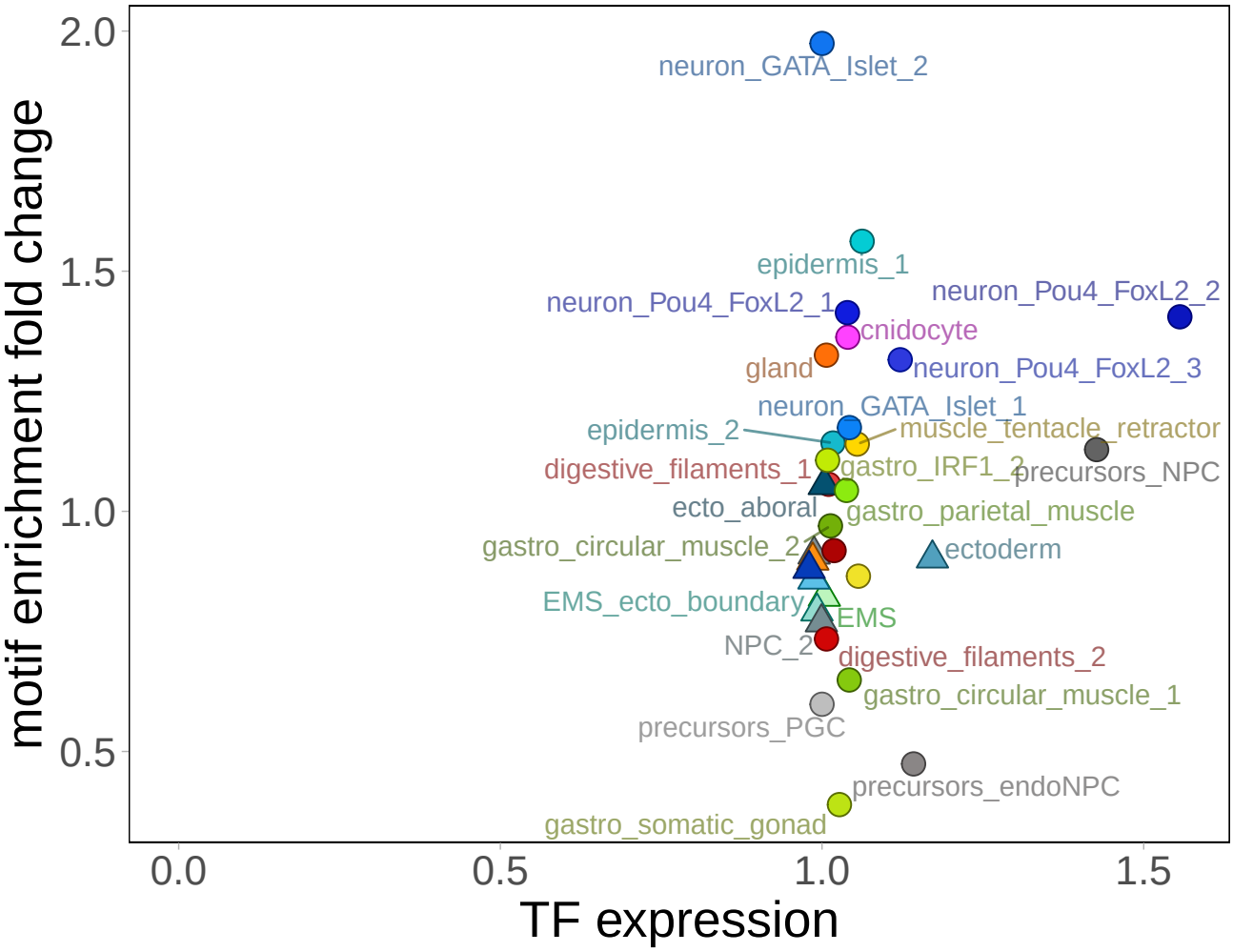
Nvec_vc1.1_XM_032366030.2
OG: HLH.HG1.5:like:CCDC169−SOHLH2/SOH
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 497
gene expression correlation: 0.2035
gene score correlation: −0.0335



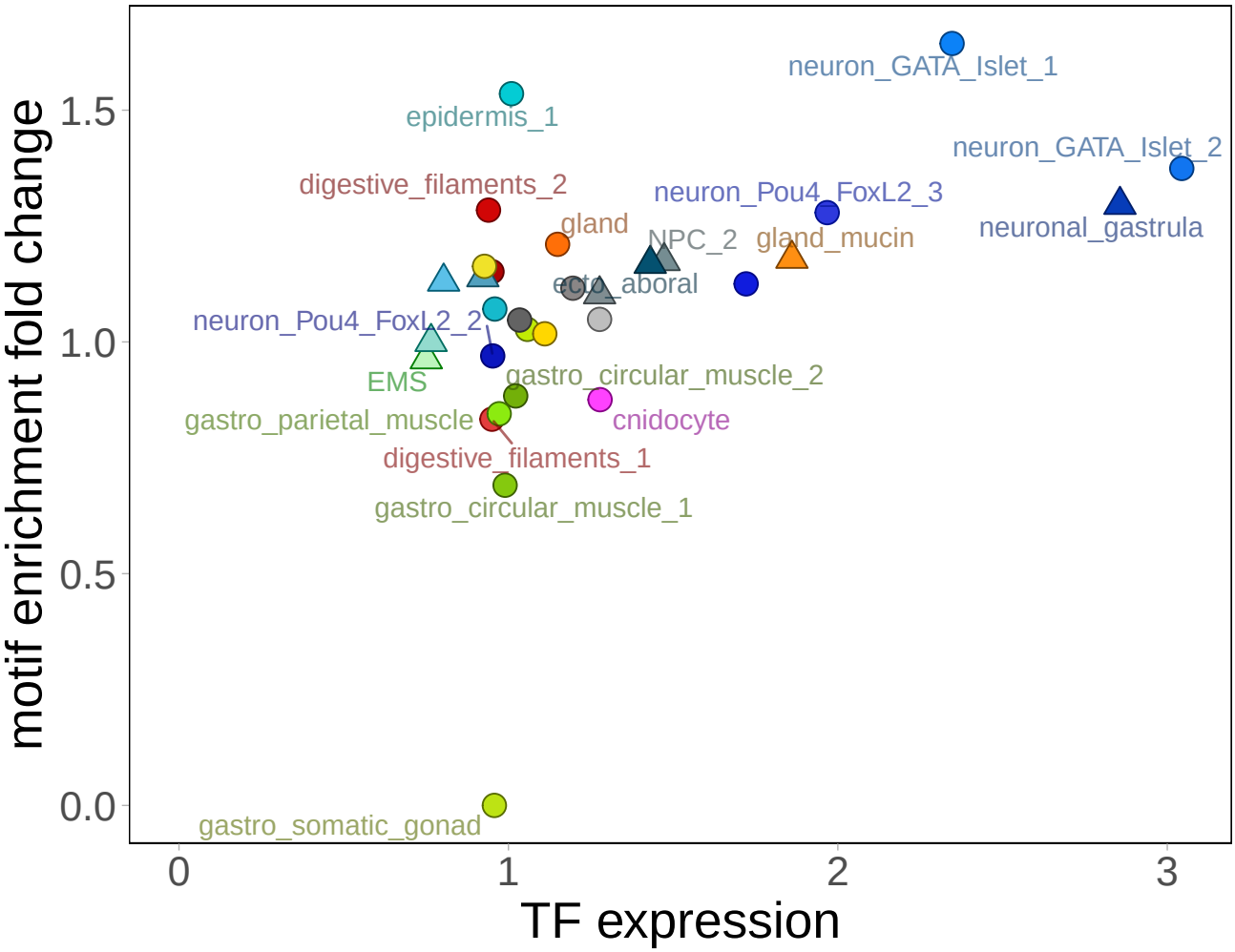
Nvec_vc1.1_XM_032366085.2
OG: Homeodomains.HG1.44:EMX1/EMX2
PFAM: Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 135
gene expression correlation: −0.1400
gene score correlation: 0.0872



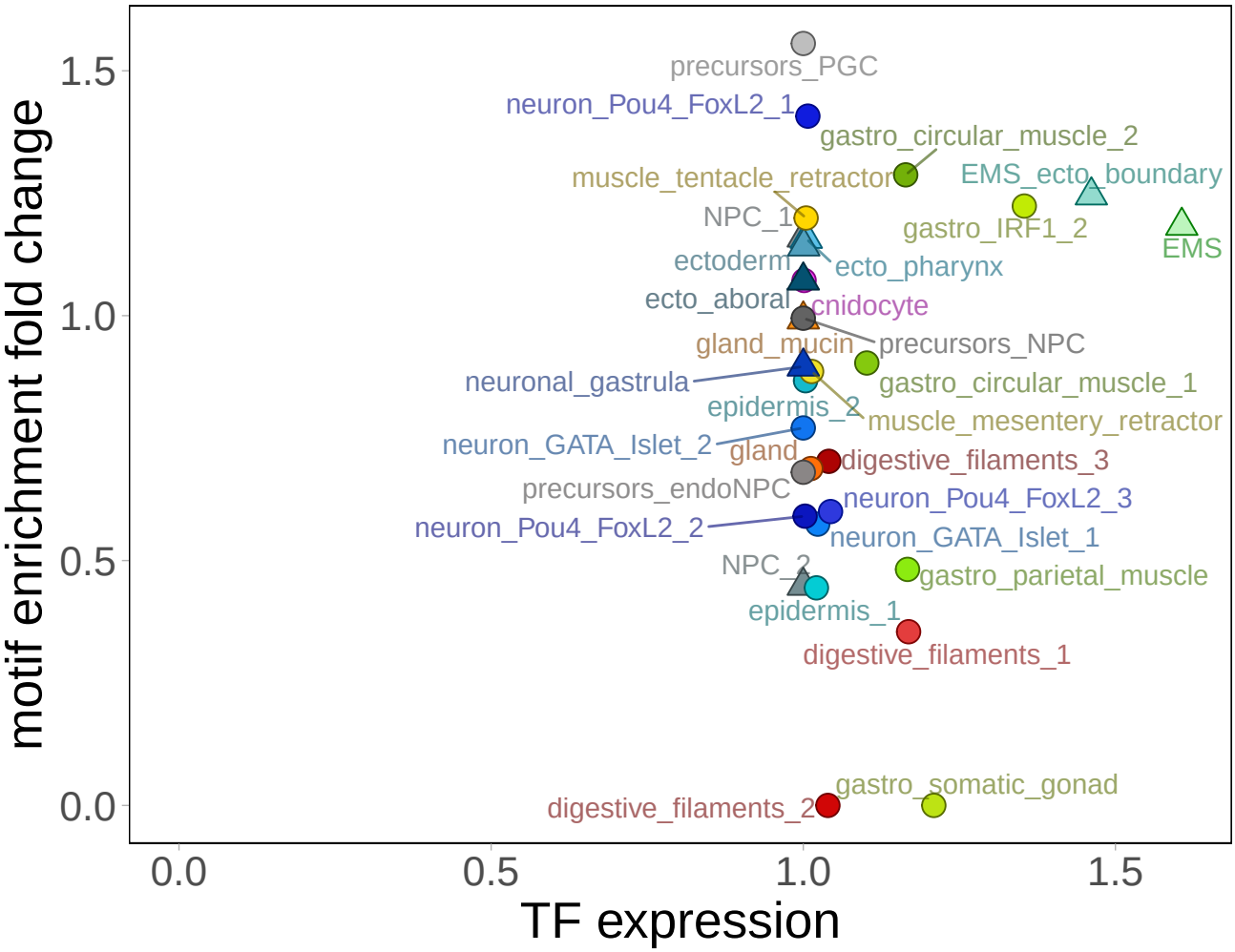
Nvec_vc1.1_XM_032366210.2
OG: Homeodomains.HG1.48:MSX1/MSX2
PFAM: Homeodomain
motif: ARCH1028_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 71
gene expression correlation: 0.1974
gene score correlation: 0.2209



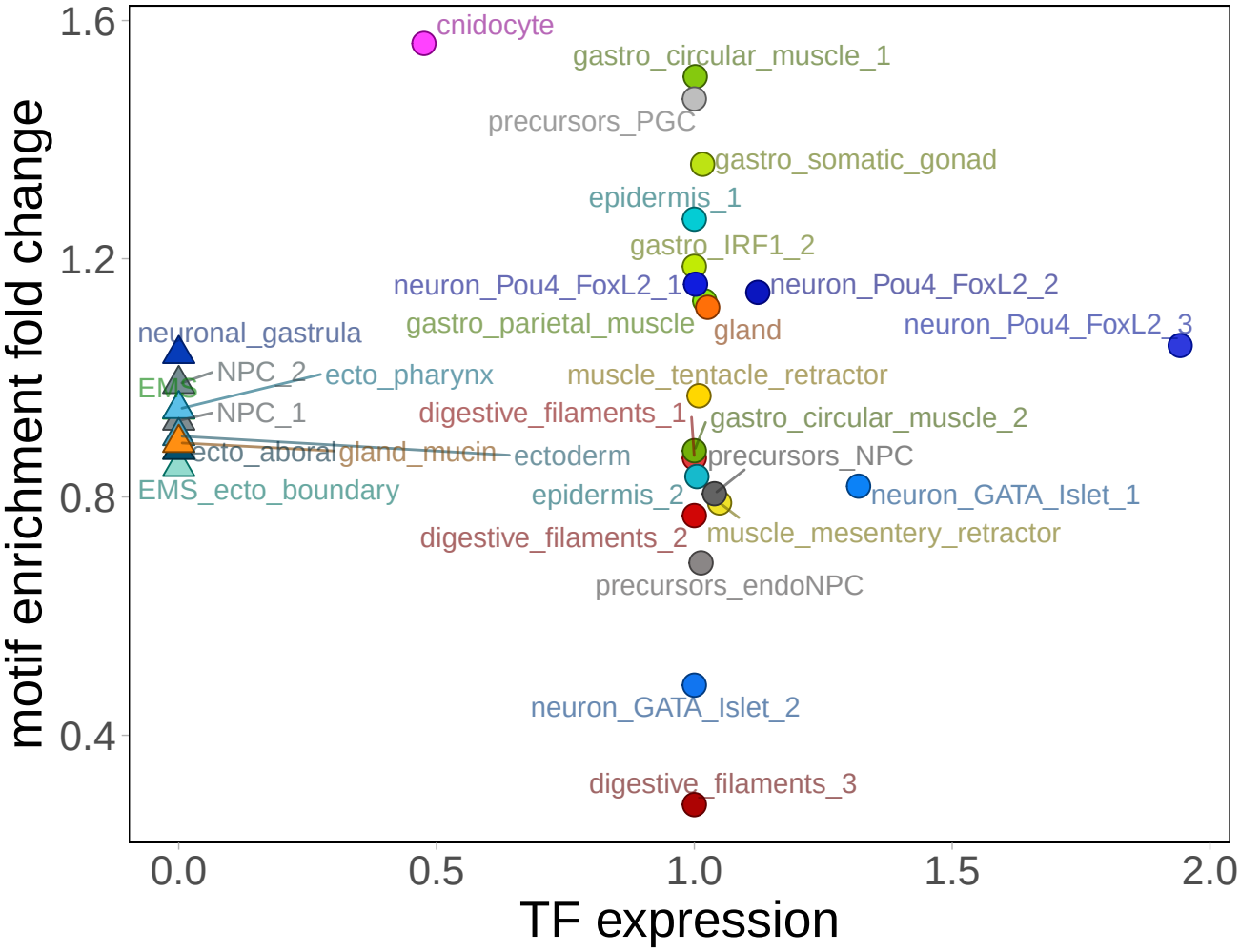
Nvec_vc1.1_XM_032366211.2
OG: Homeodomains.HG1.34:HMX1/HMX2/HM
PFAM: Homeodomain
motif: ARCH1316_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.4613
gene score correlation: 0.3114



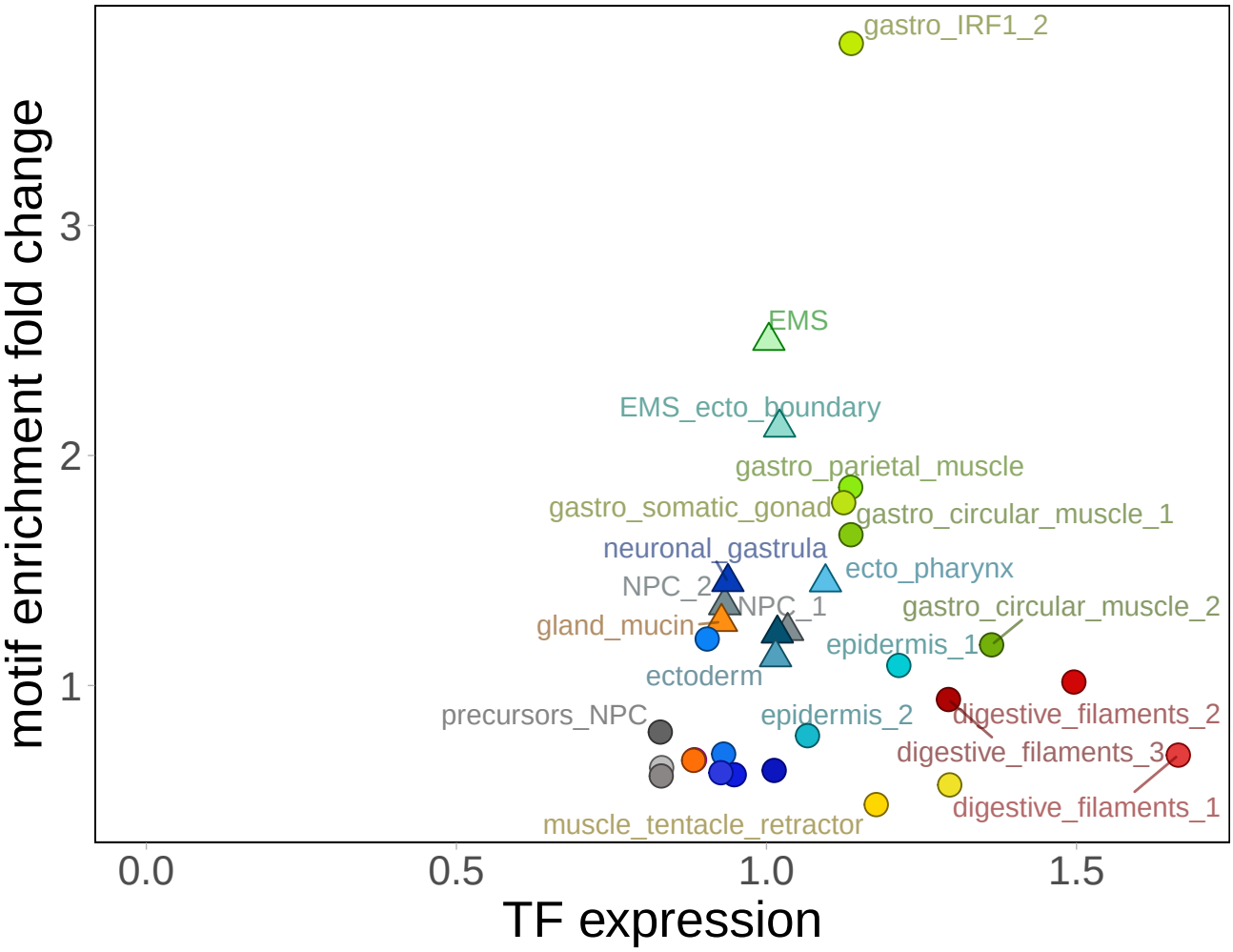
Nvec_vc1.1_XM_032366225.2
OG: zf−C2H2.HG2.5:KLF15
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH4_Klf1/Klf4/Klf2_Klf11_...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 573
gene expression correlation: 0.1140
gene score correlation: −0.1041



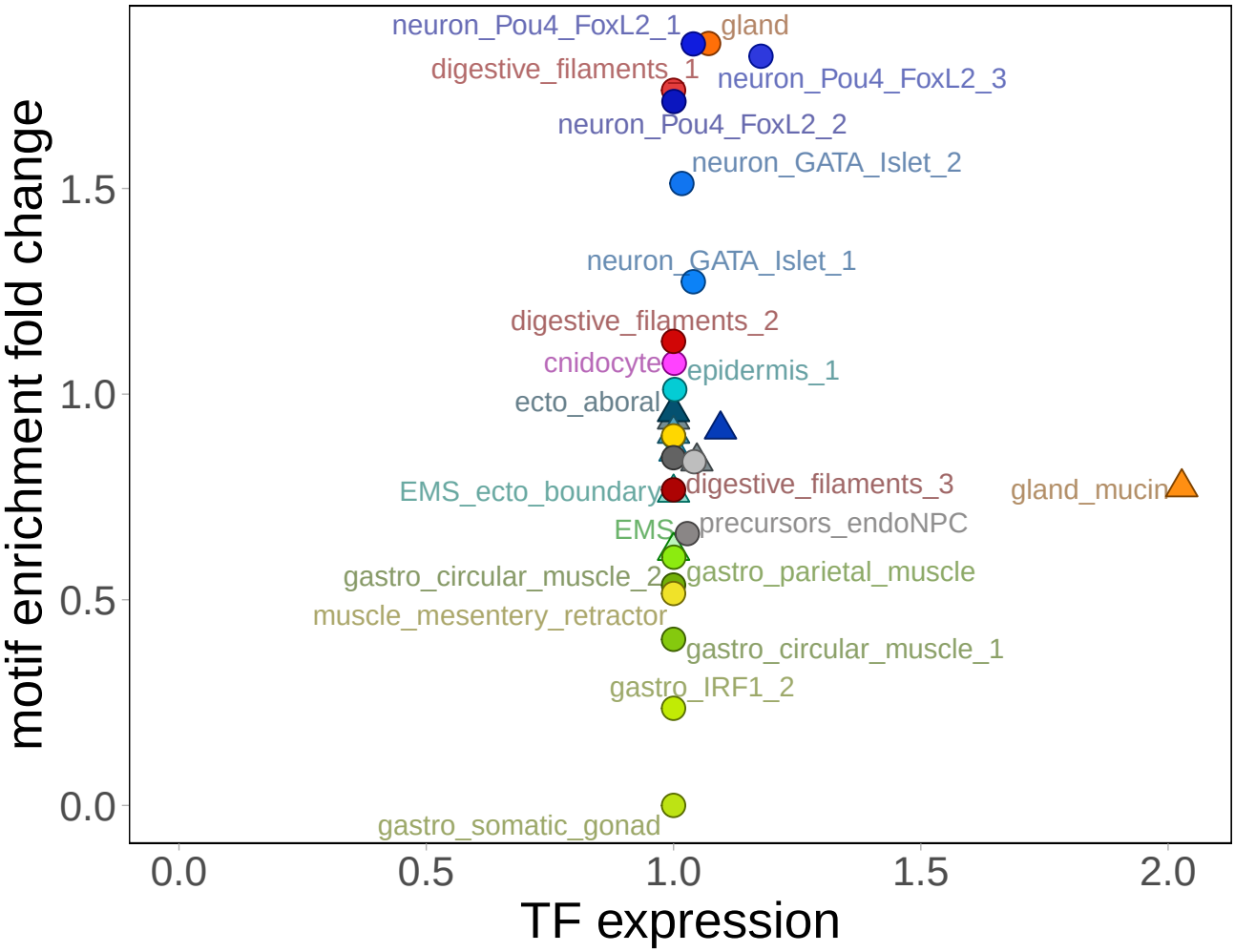
Nvec_vc1.1_XM_032366242.2
OG: bZIP.HG2.12:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH620_Atf4/Atf5
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 854
gene expression correlation: 0.0476
gene score correlation: −0.1440



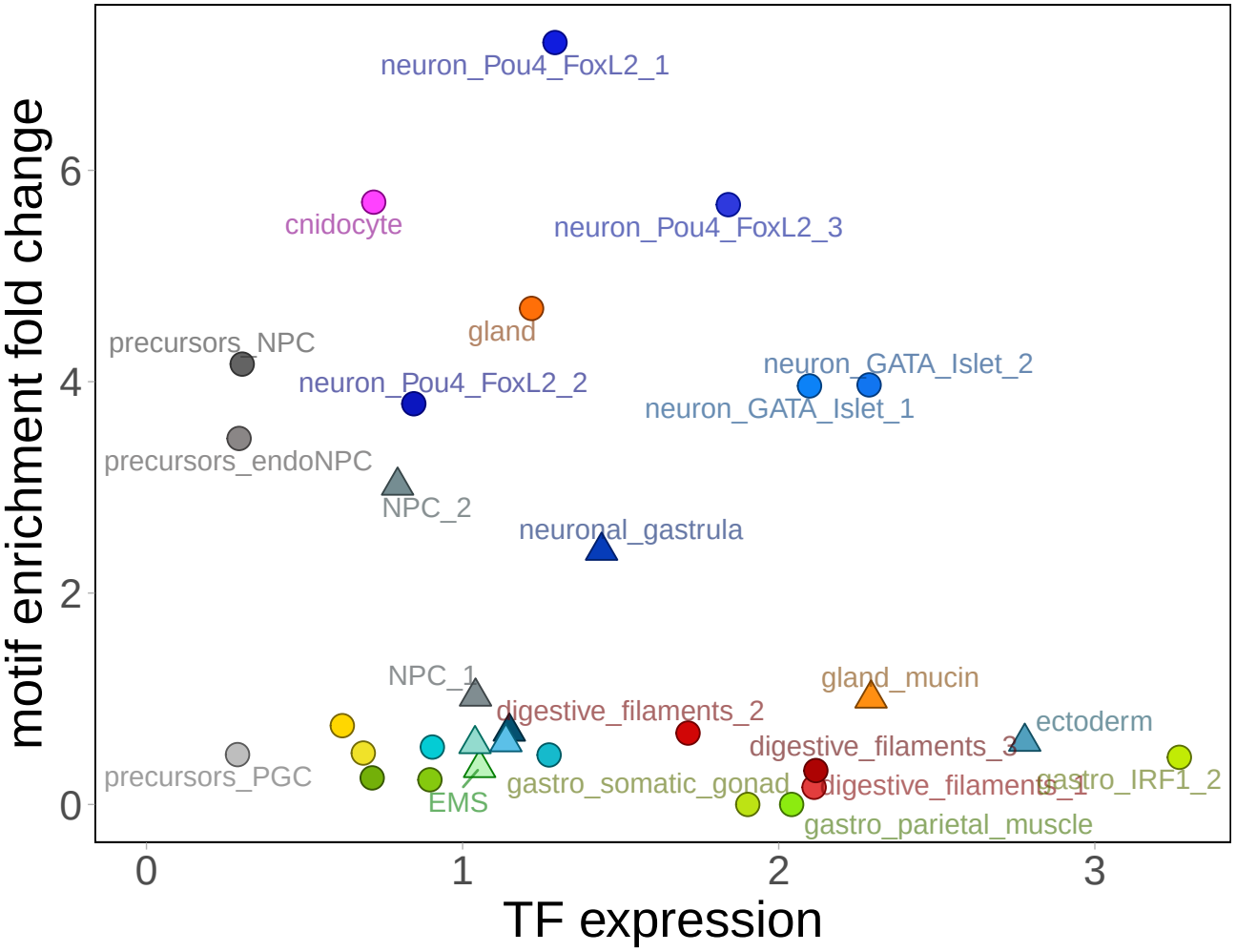
Nvec_vc1.1_XM_032366602.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: SAM_PNT/Ets
motif: ARCH584_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 223
gene expression correlation: 0.0580
gene score correlation: 0.3490



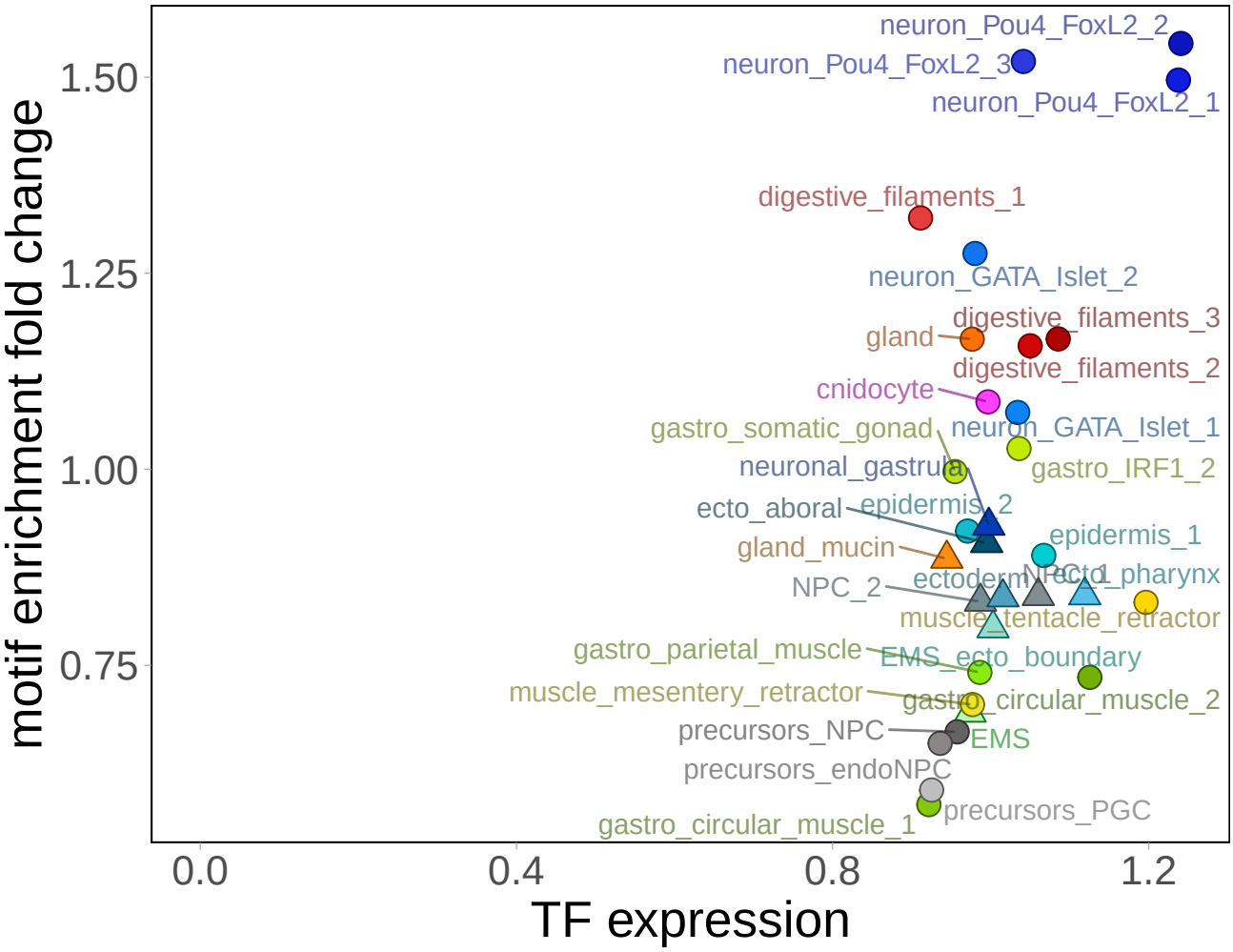
Nvec_vc1.1_XM_032366609.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 31
gene expression correlation: 0.0228
gene score correlation: 0.2900



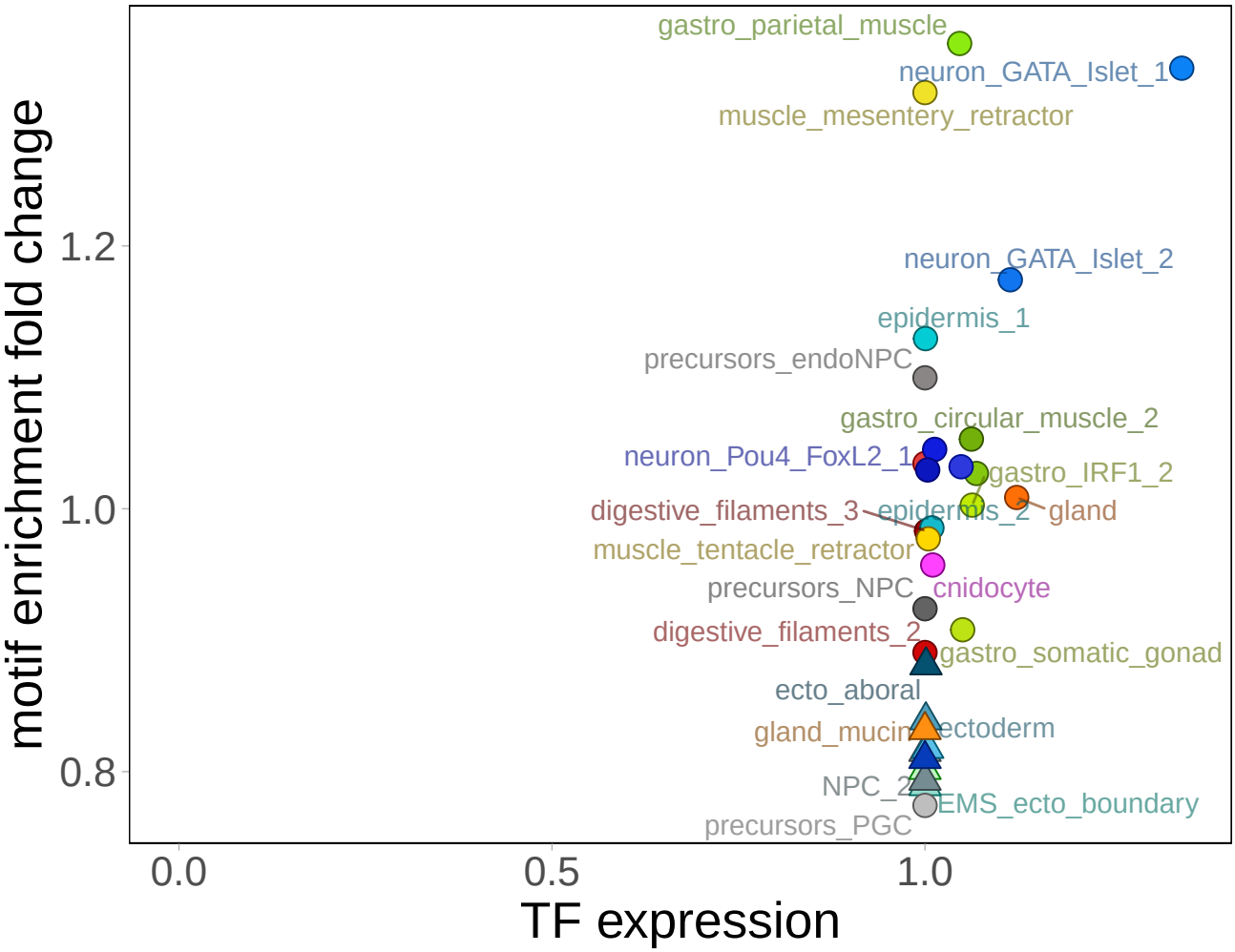
Nvec_vc1.1_XM_032366627.2
OG: zf−C2H2.HG1.44:EGR1/EGR2/EGR3/EG
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 35
gene expression correlation: −0.1433
gene score correlation: 0.5024



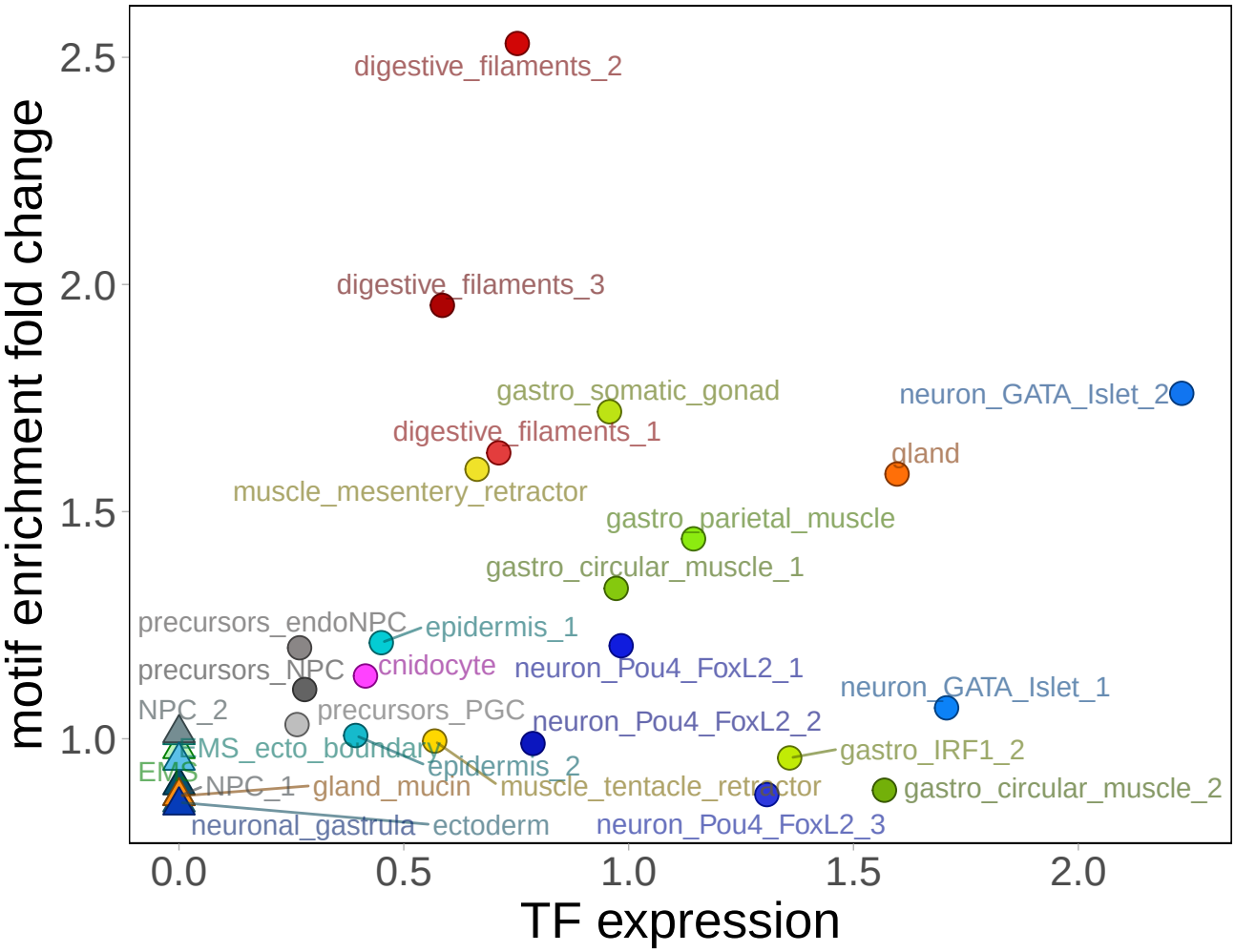
Nvec_vc1.1_XM_032366646.2
OG: ARID_BRIGHT.HG1.5:ARID5A/ARID5B
PFAM: ARID
motif: ARCH1088_Arid5b/Arid5a
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: TRUE
rank: 59
gene expression correlation: 0.4501
gene score correlation: 0.3209



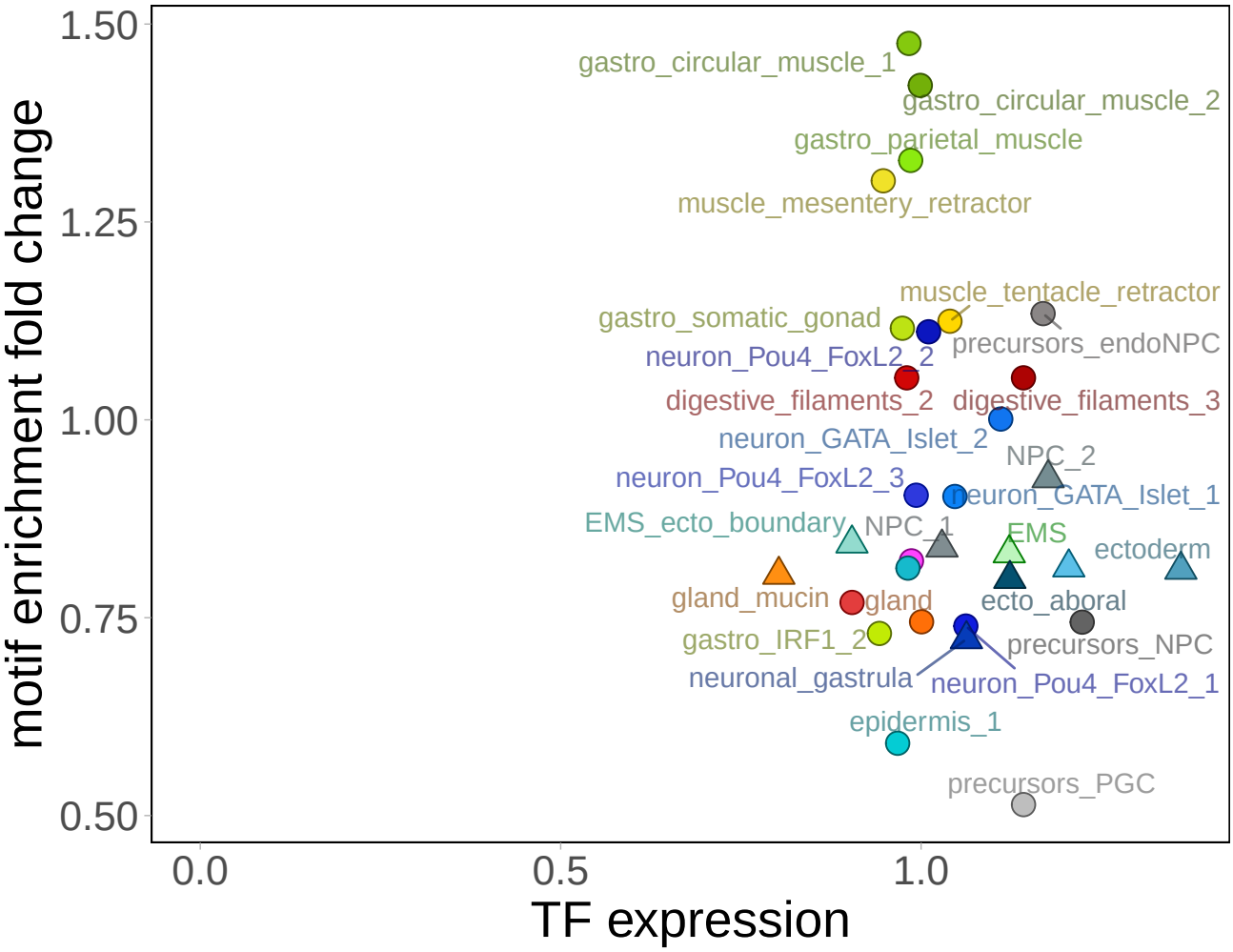
Nvec_vc1.1_XM_032366836.2
OG: Homeodomains.HG1.54:like:NOTO
PFAM: Homeodomain
motif: ARCH1552_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1301
gene expression correlation: 0.5311
gene score correlation: −0.0138



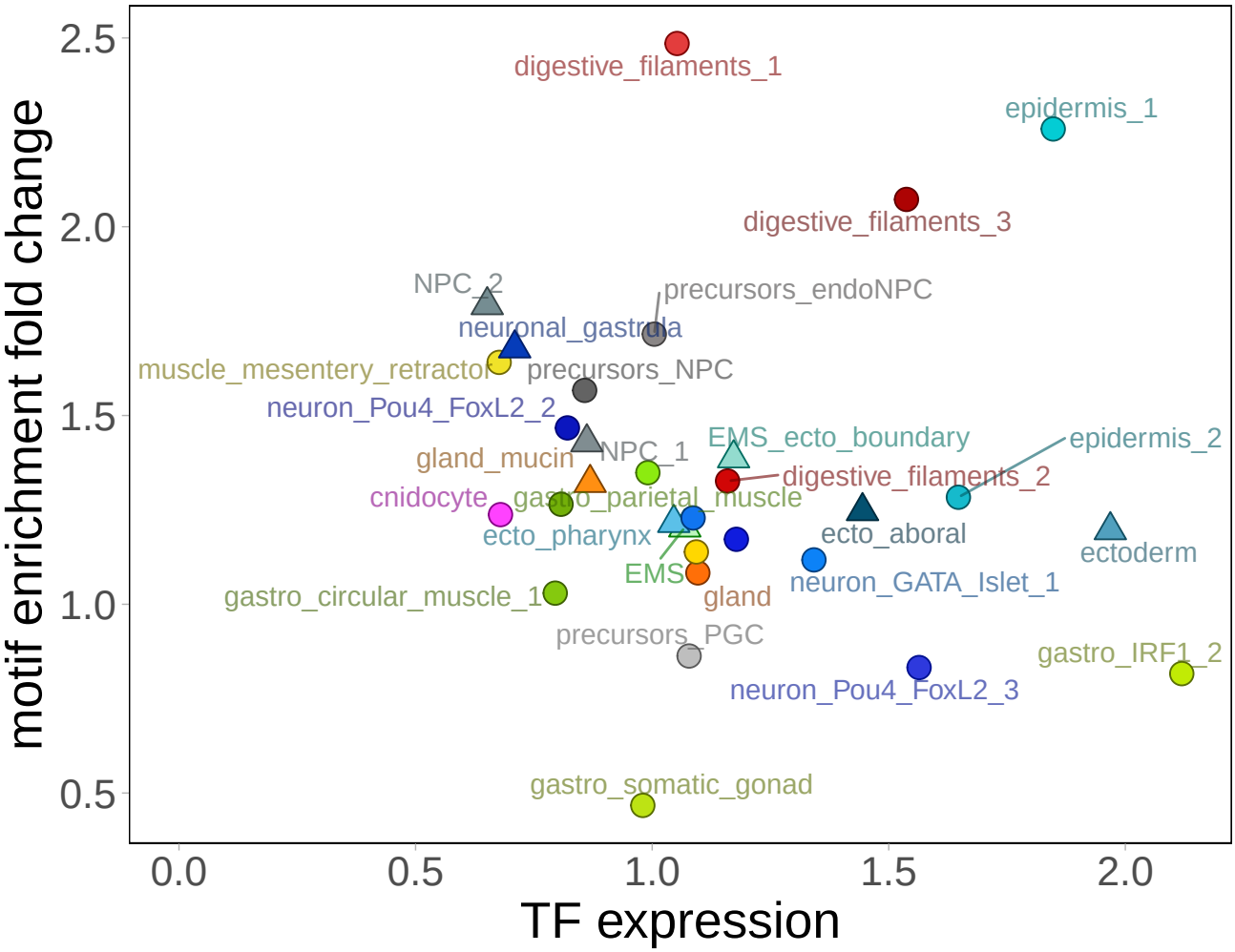
Nvec_vc1.1_XM_032366979.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.3658
gene score correlation: 0.7759



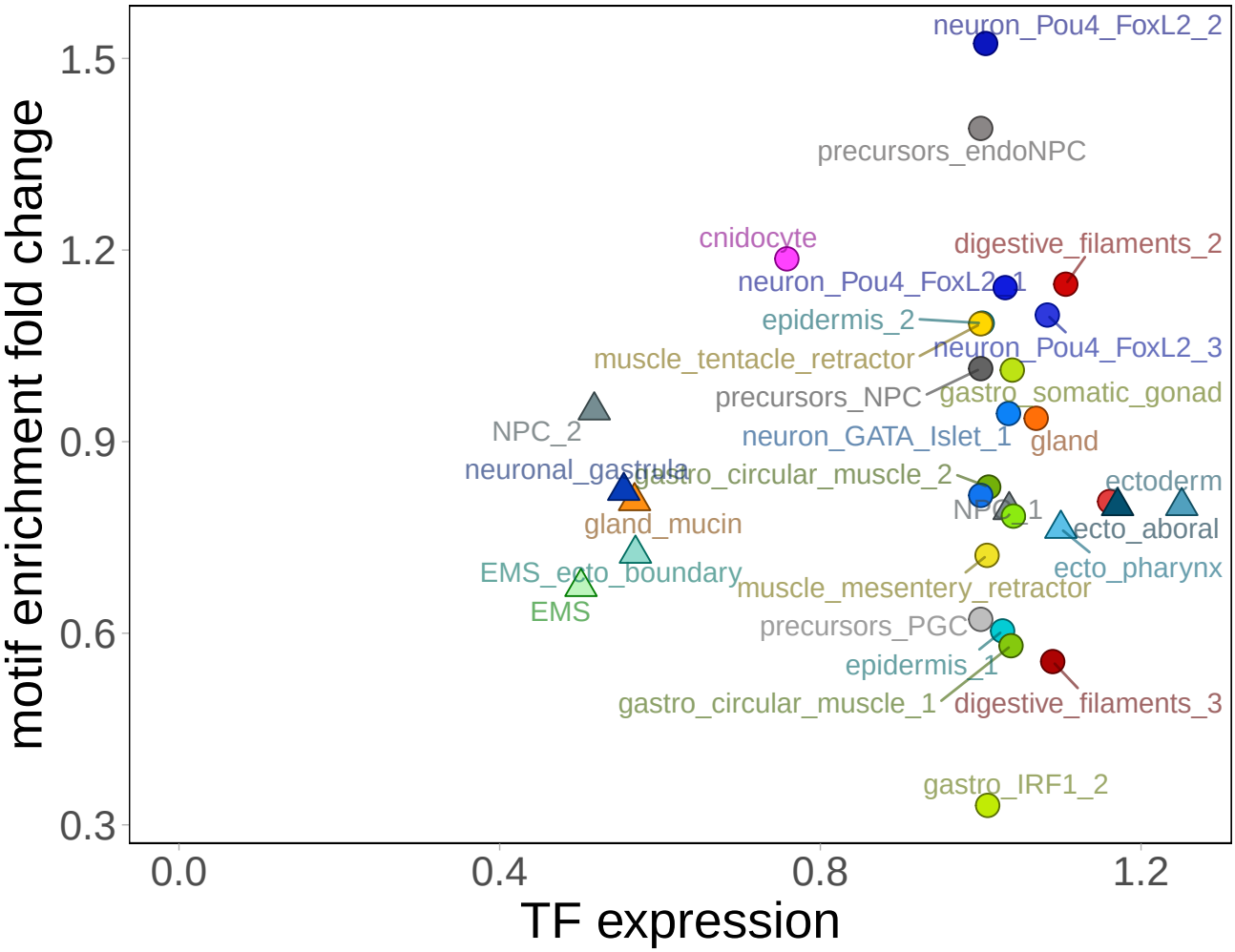
Nvec_vc1.1_XM_032367750.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCOR3
PFAM: Myb_DNA−binding
motif: ARCH1489_0610010K14Rik
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 1691
gene expression correlation: −0.1535
gene score correlation: −0.3781



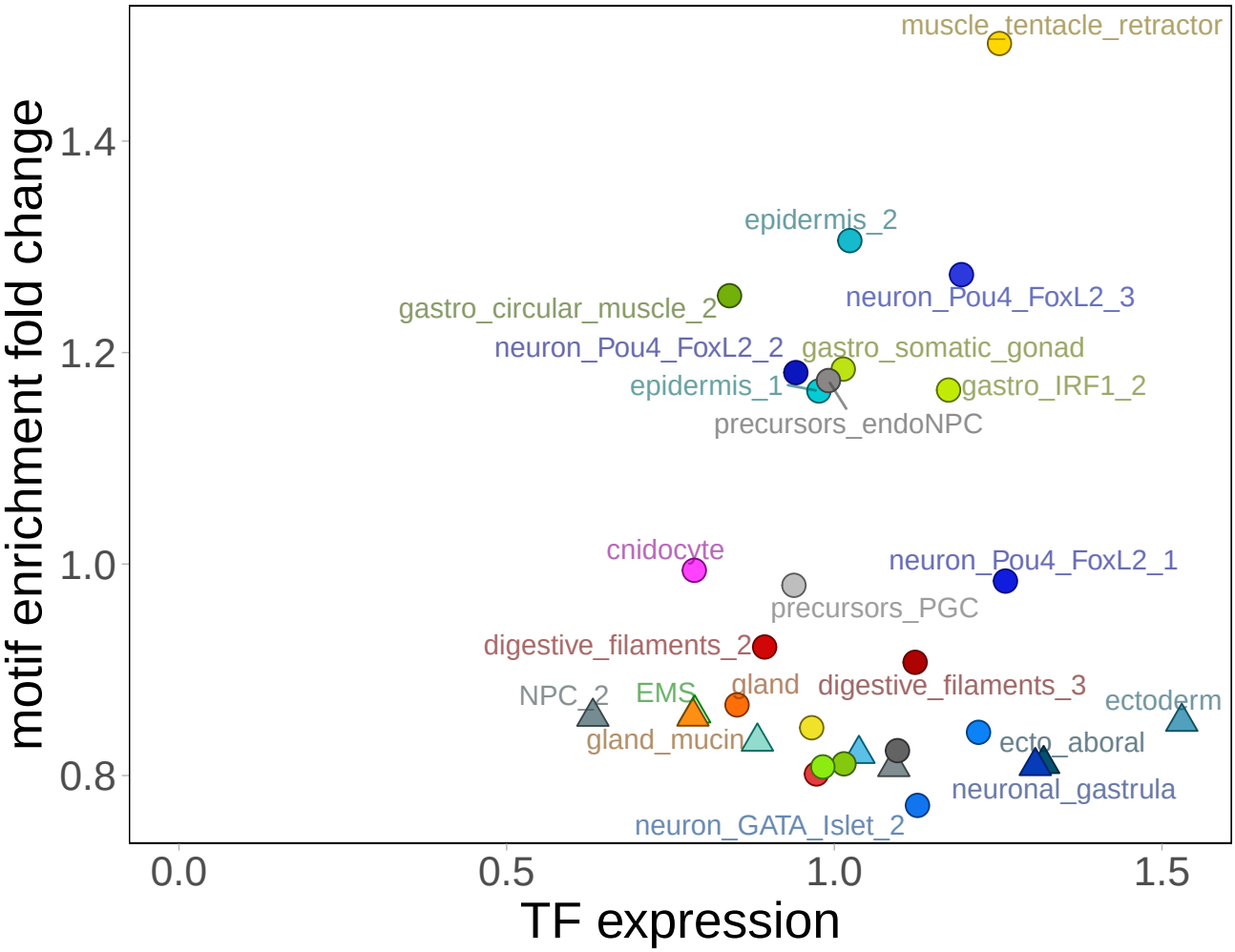
Nvec_vc1.1_XM_032367802.2
OG: zf−C2H2.HG2.9:like:KLF3/KLF5/KLF6/KL
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: −0.0831
gene score correlation: 0.3124



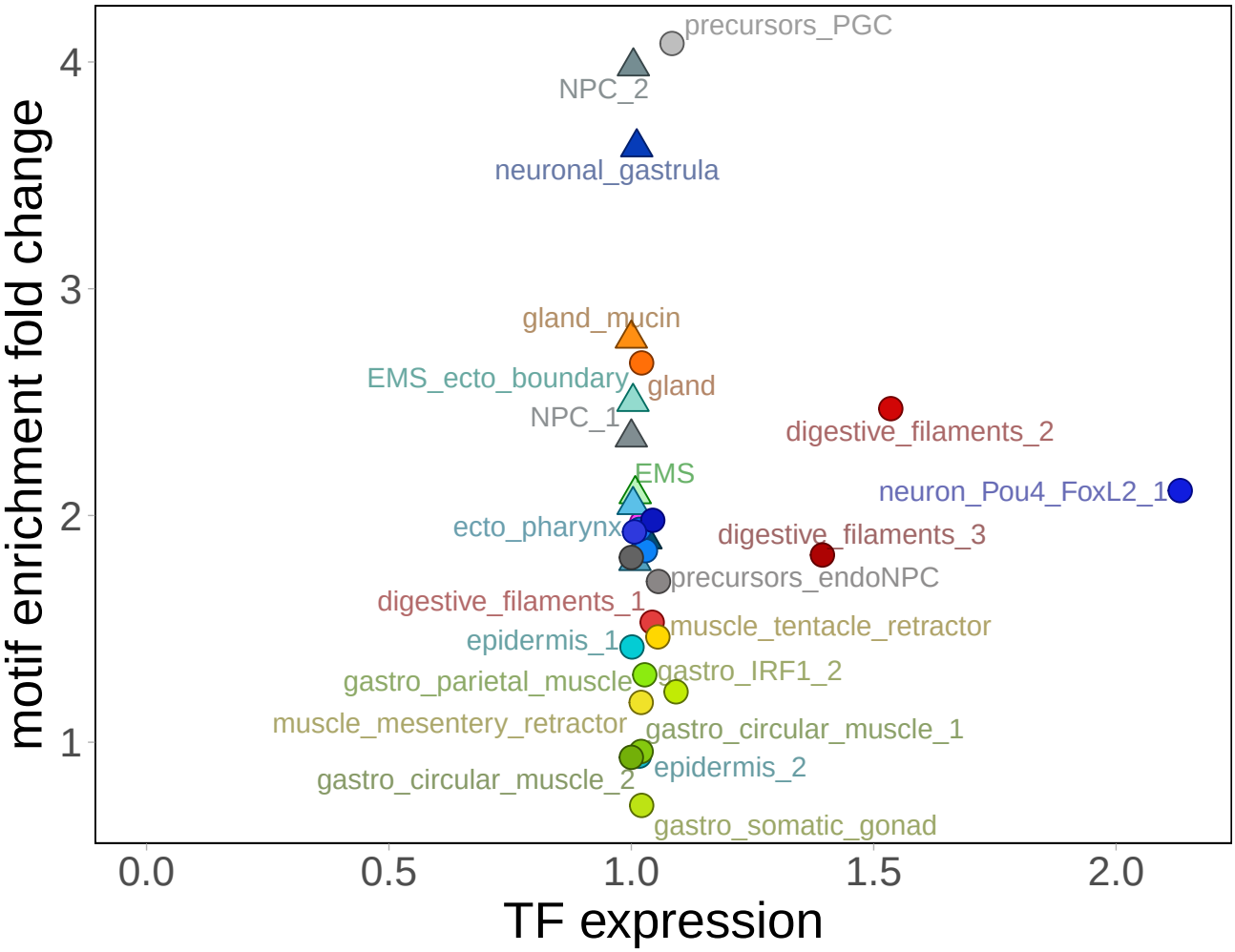
Nvec_vc1.1_XM_032369373.2
OG: Doublesex_DM.HG1.9:like:DMRT1/DMRT
PFAM: DM/DMA
motif: ARCH1070_Dmrtc2_Irx6
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 589
gene expression correlation: 0.0483
gene score correlation: −0.1105



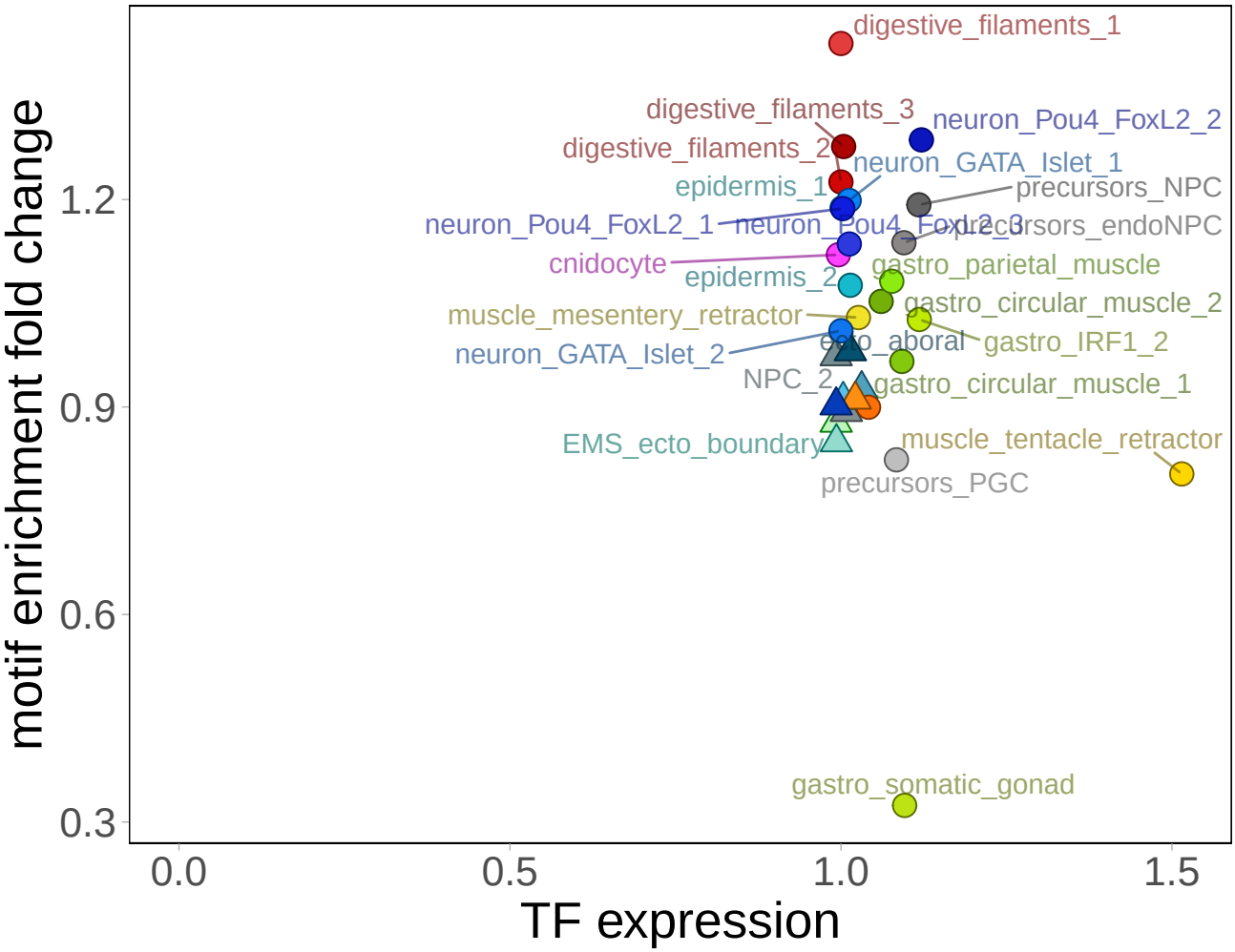
Nvec_vc1.1_XM_032369437.2
OG: zf−C2H2.HG2.20:KLF6/KLF7
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH407_Klf1/Klf4/Klf2_Klf5...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 585
gene expression correlation: 0.0423
gene score correlation: 0.0654



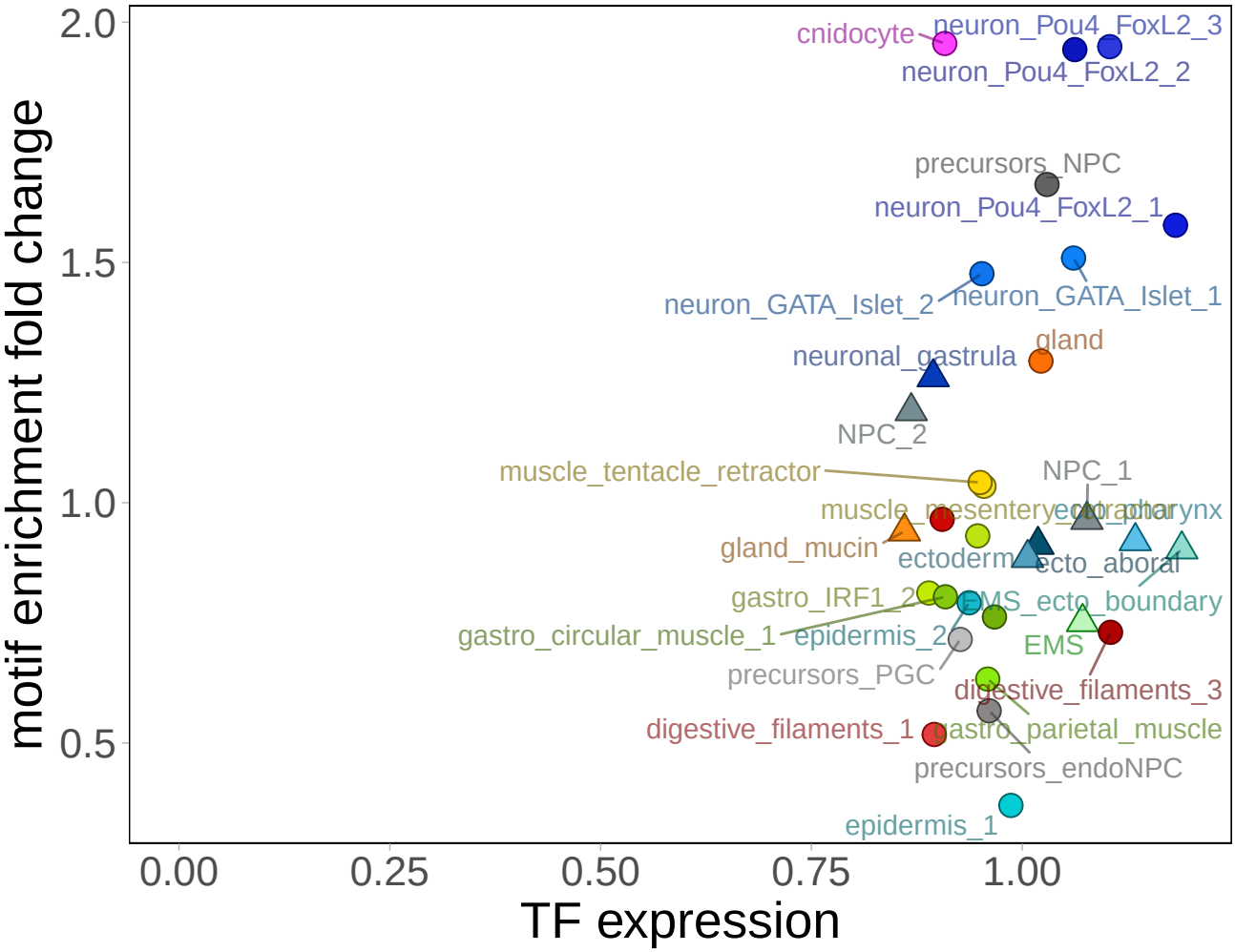
Nvec_vc1.1_XM_032370011.2
OG: Homeodomains.HG1.37:NKX6−1/NKX6−2
PFAM: Homeodomain
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 57
gene expression correlation: 0.0637
gene score correlation: 0.0376



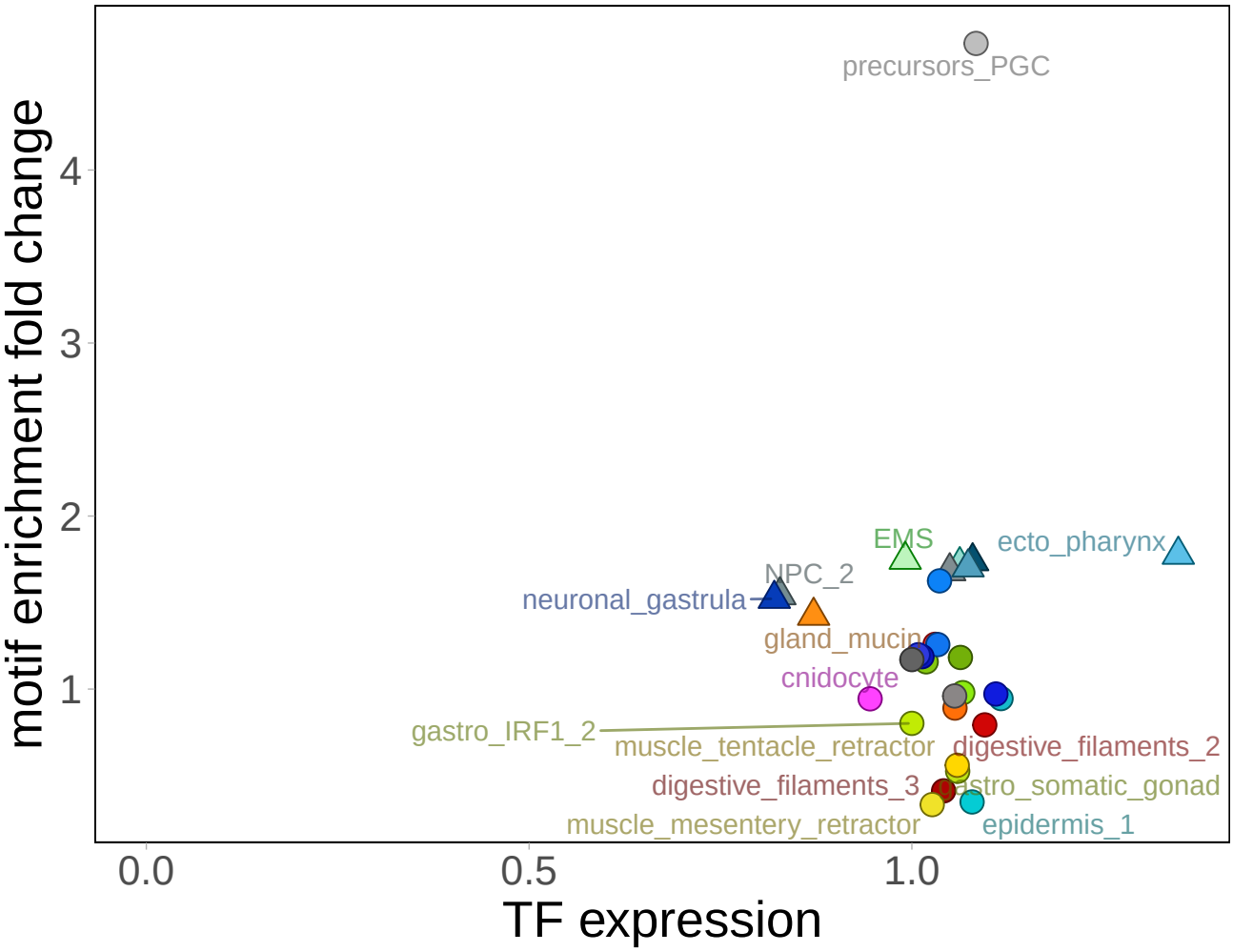
Nvec_vc1.1_XM_032370013.2
OG: Homeodomains.HG1.37:NKX6−1/NKX6−2
PFAM: Homeodomain
motif: ARCH1338_Barx2/Barx1_Dlx4/D...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 120
gene expression correlation: −0.2319
gene score correlation: −0.3495



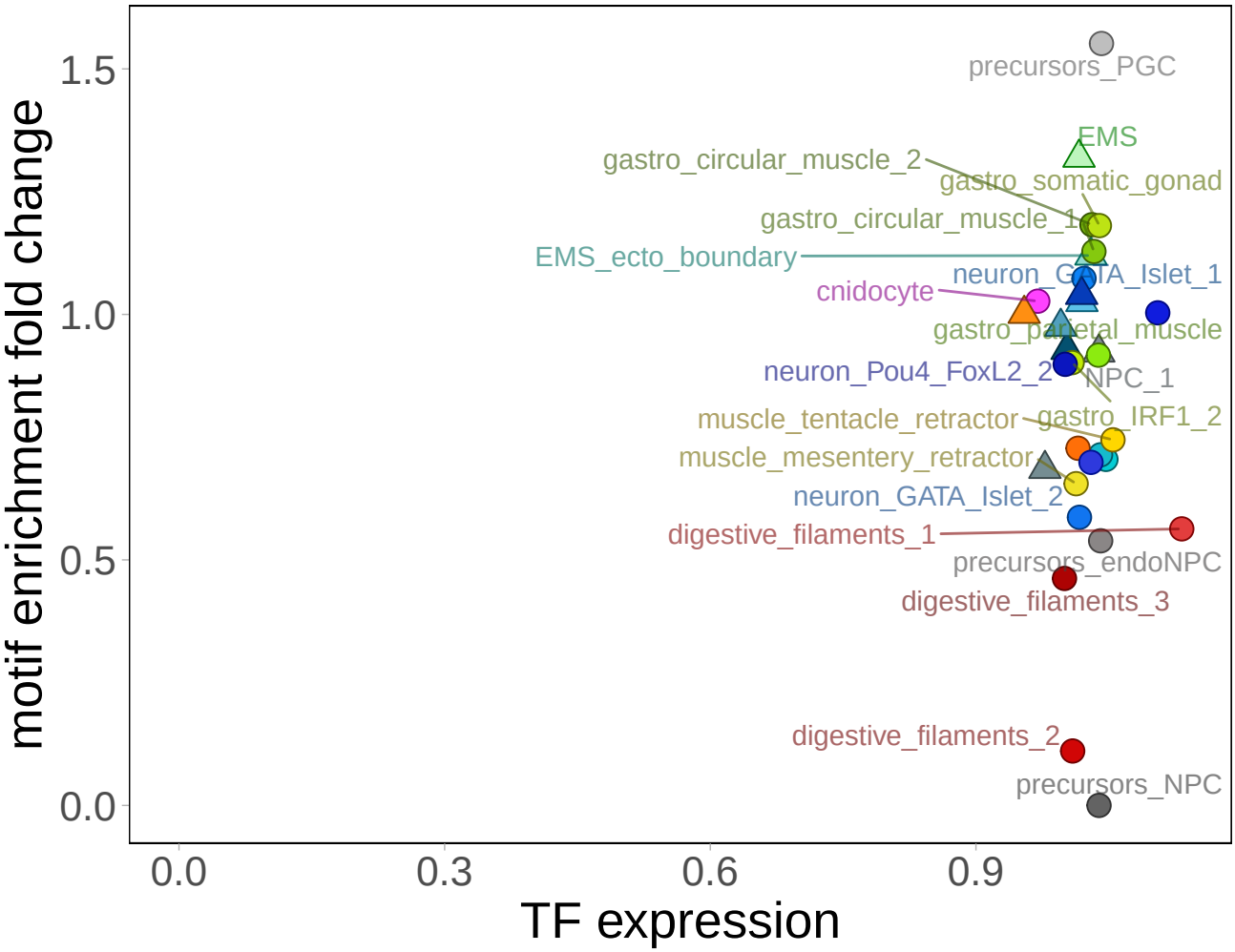
Nvec_vc1.1_XM_032370541.2
OG: SMAD_MH1.HG1.1:SMAD4
PFAM: MH1/MH2
motif: ARCH662_Smad4
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 45
gene expression correlation: 0.2363
gene score correlation: 0.3552



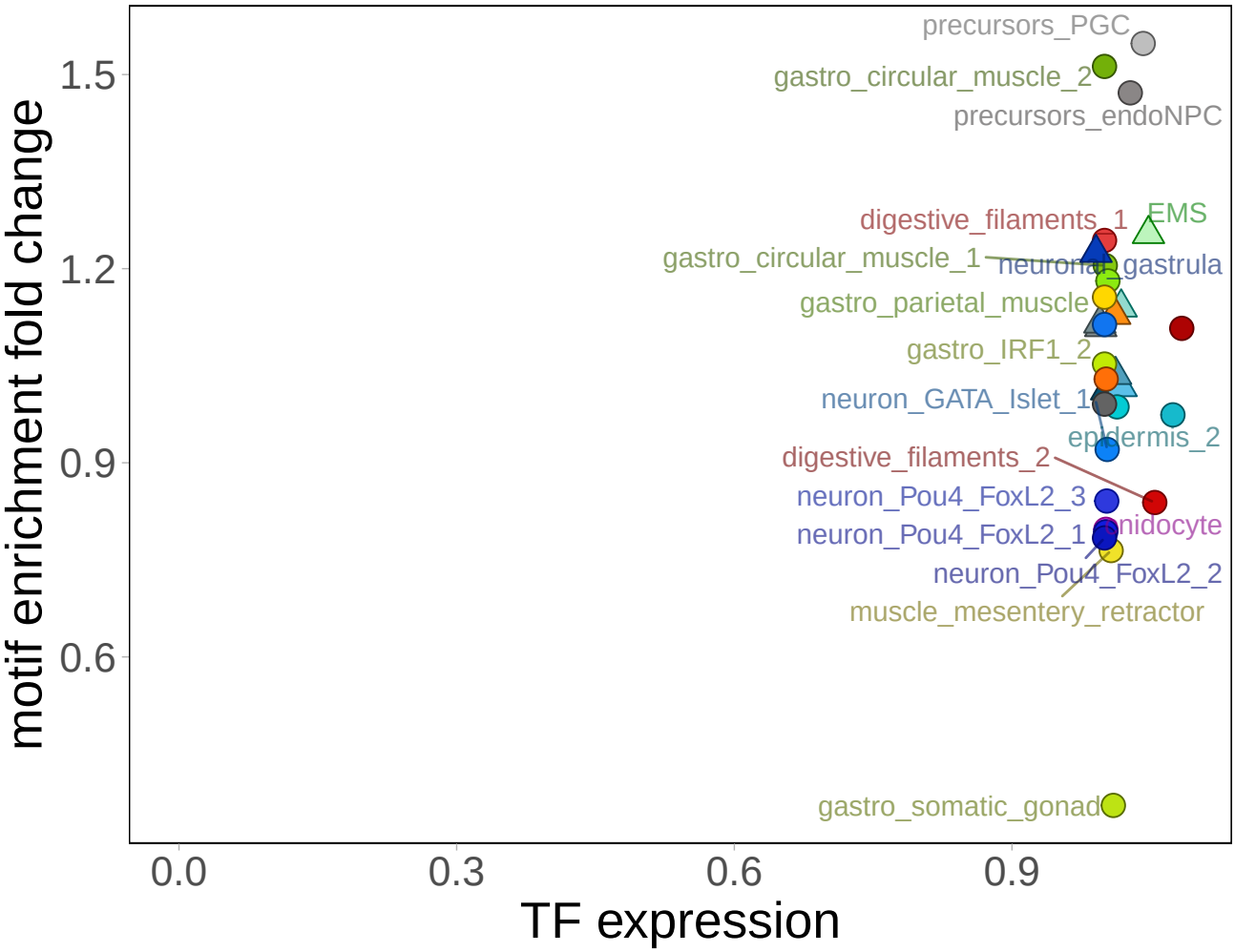
Nvec_vc1.1_XM_032370623.2
OG: E2F_TDP.HG1.0:E2F7/E2F8
PFAM: E2F_TDP/E2F_TDP
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 10
gene expression correlation: 0.0487
gene score correlation: 0.3955



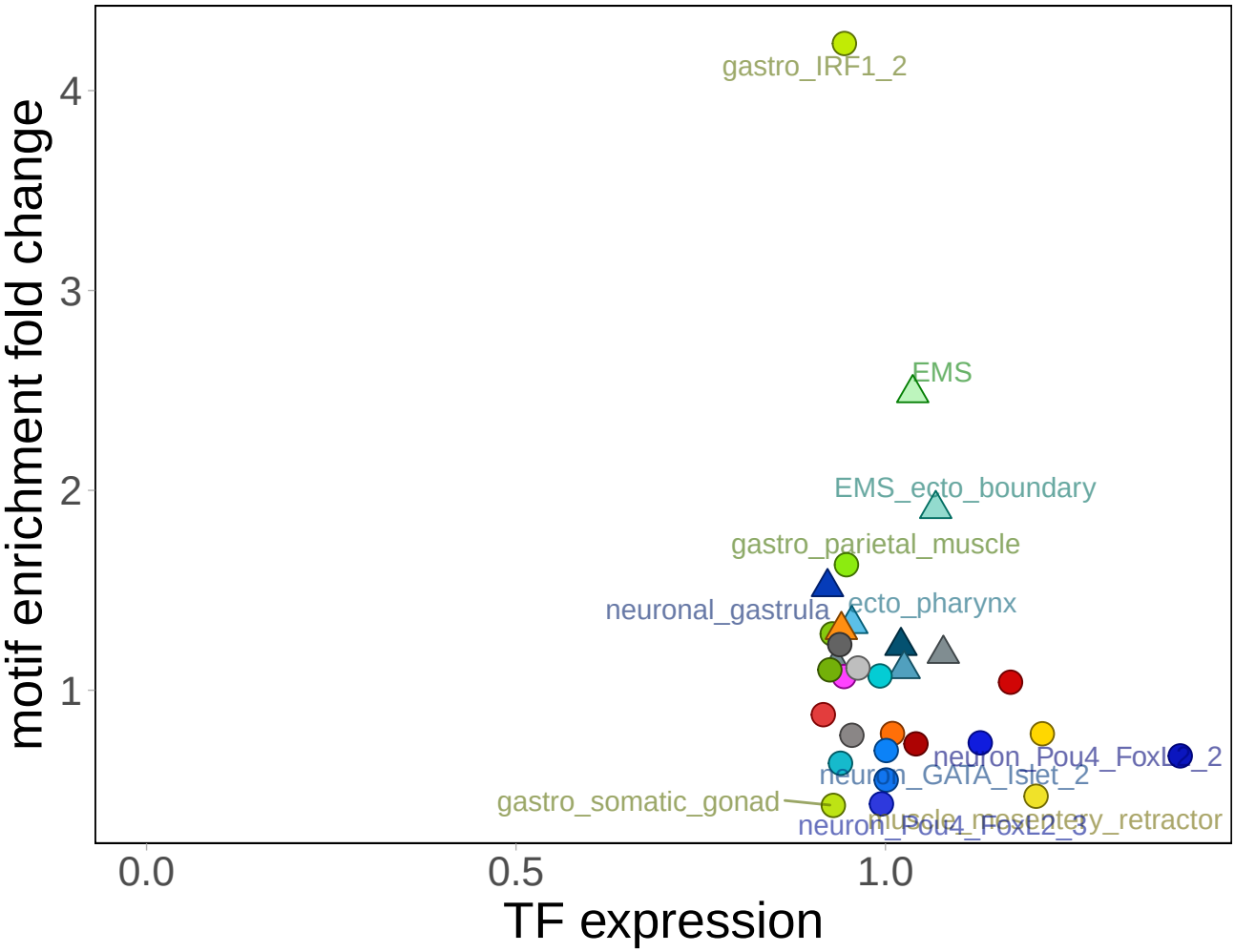
Nvec_vc1.1_XM_032371093.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH529_Rslcan18/Gm28557/Zf...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 136
gene expression correlation: −0.0611
gene score correlation: −0.0307



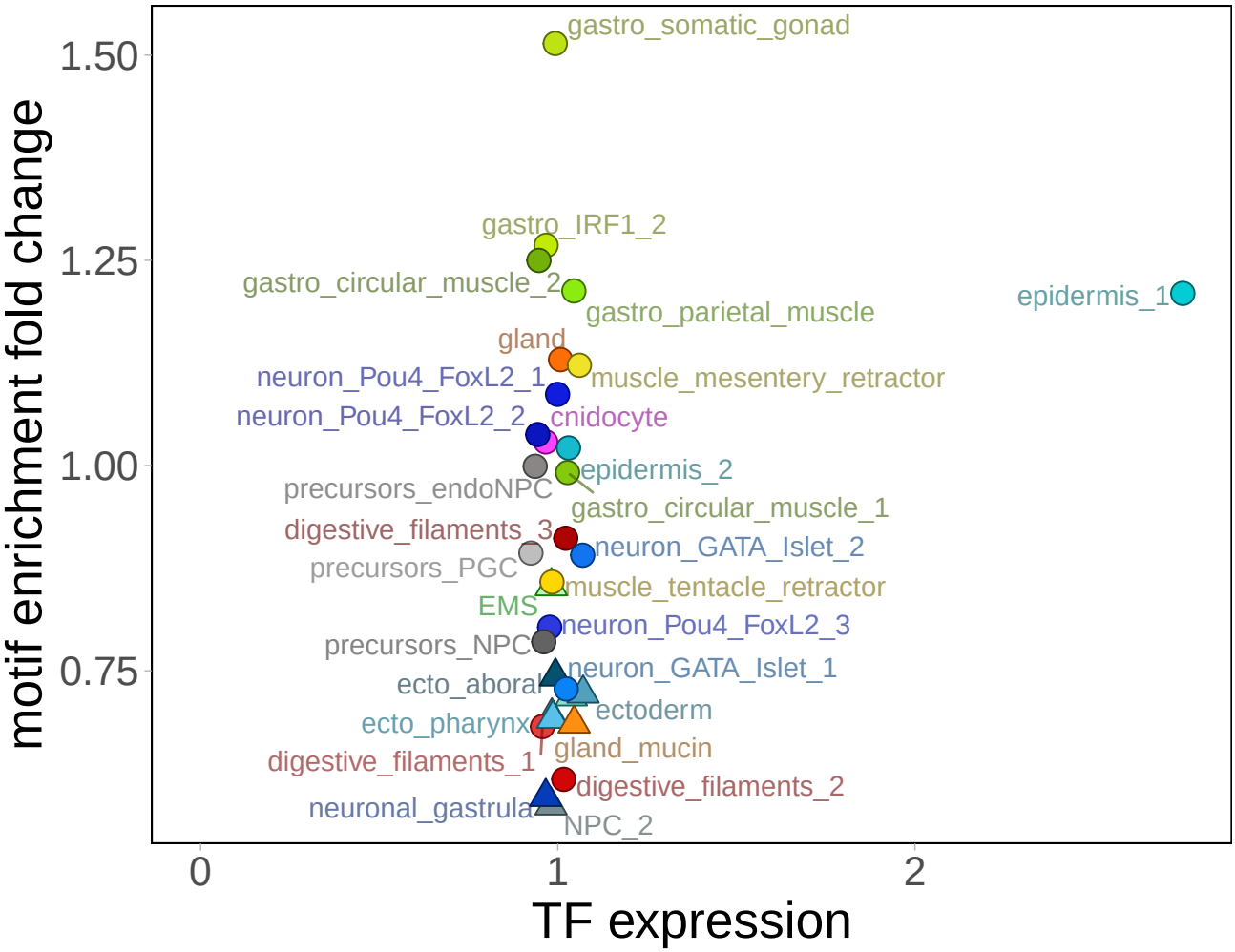
Nvec_vc1.1_XM_032371094.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH923_Zfp239//Zfp942/Zfp9...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 1080
gene expression correlation: 0.1019
gene score correlation: 0.2449



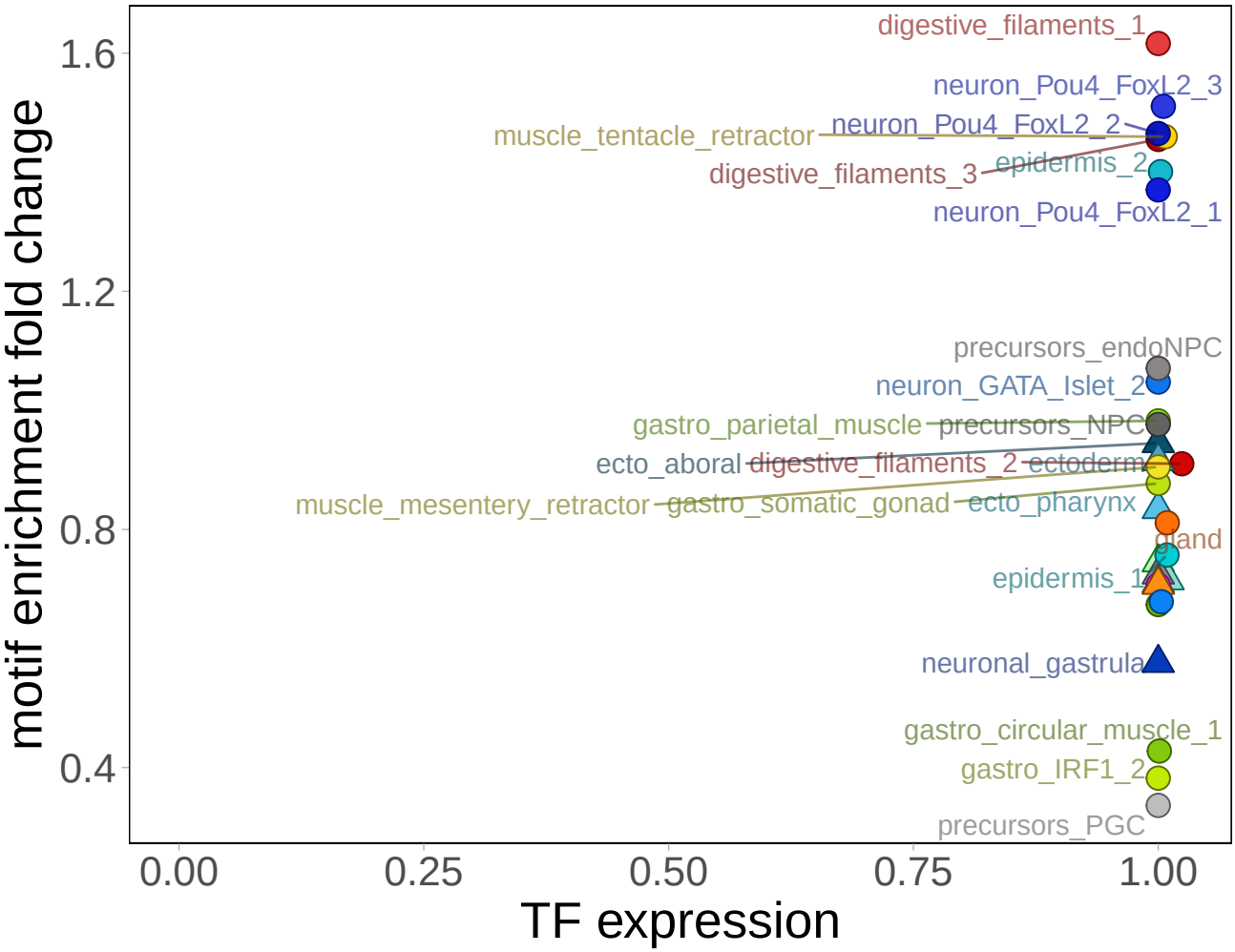
Nvec_vc1.1_XM_032371461.2
OG: zf−C4_Nuclear_receptors.HG1.4:AR/NR3
PFAM: zf−C4/Hormone_recep
motif: ARCH562_Hnf4g/Hnf4a_Nr2c1/N...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 23
gene expression correlation: −0.2163
gene score correlation: 0.0613



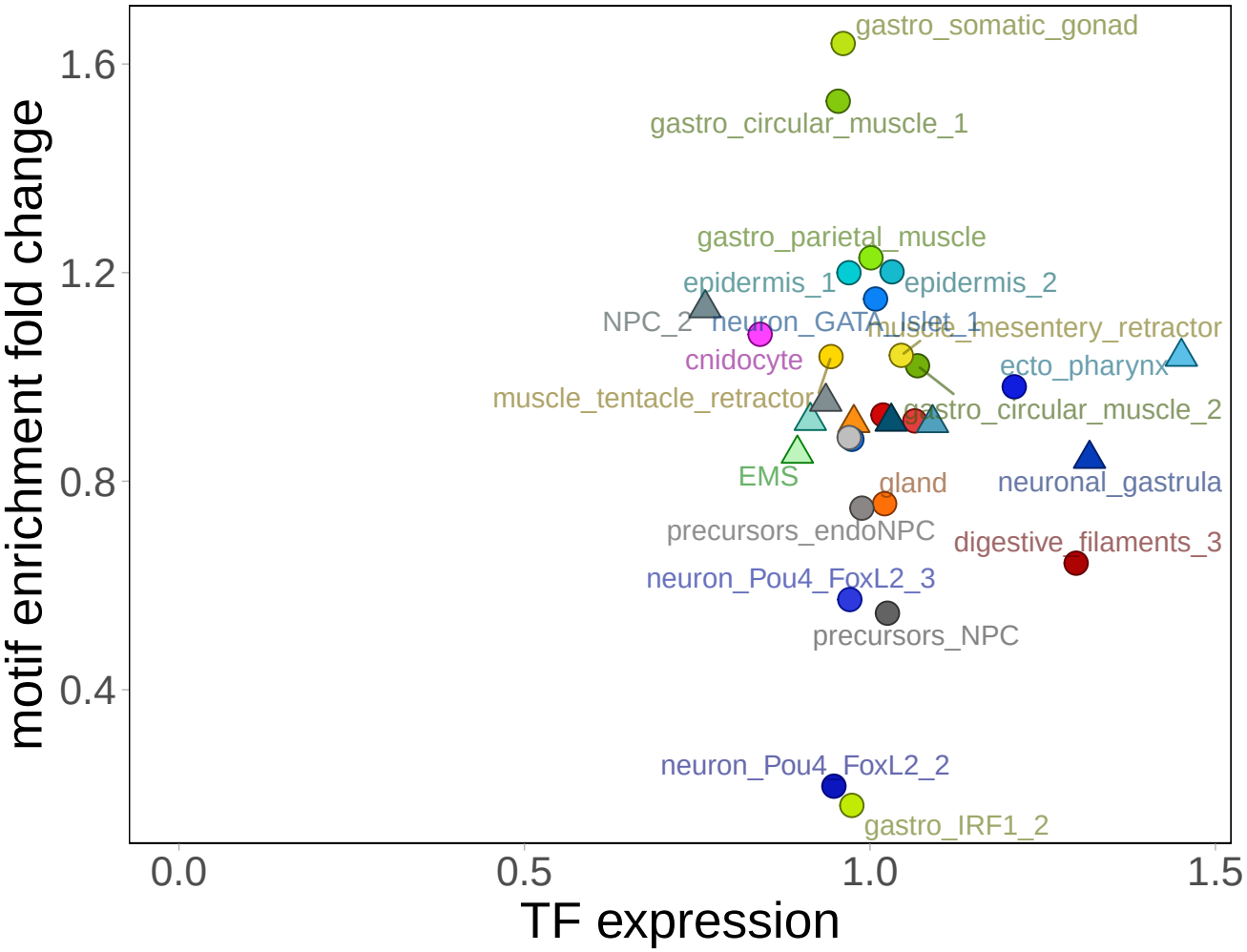
Nvec_vc1.1_XM_032371744.2
OG: Doublesex_DM.HG1.12:DMRTA1/DMRTA
PFAM: DM/DMA
motif: ARCH1073_Dmrt2_Dmrtc2_Six1/...
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 159
gene expression correlation: 0.2277
gene score correlation: 0.3212



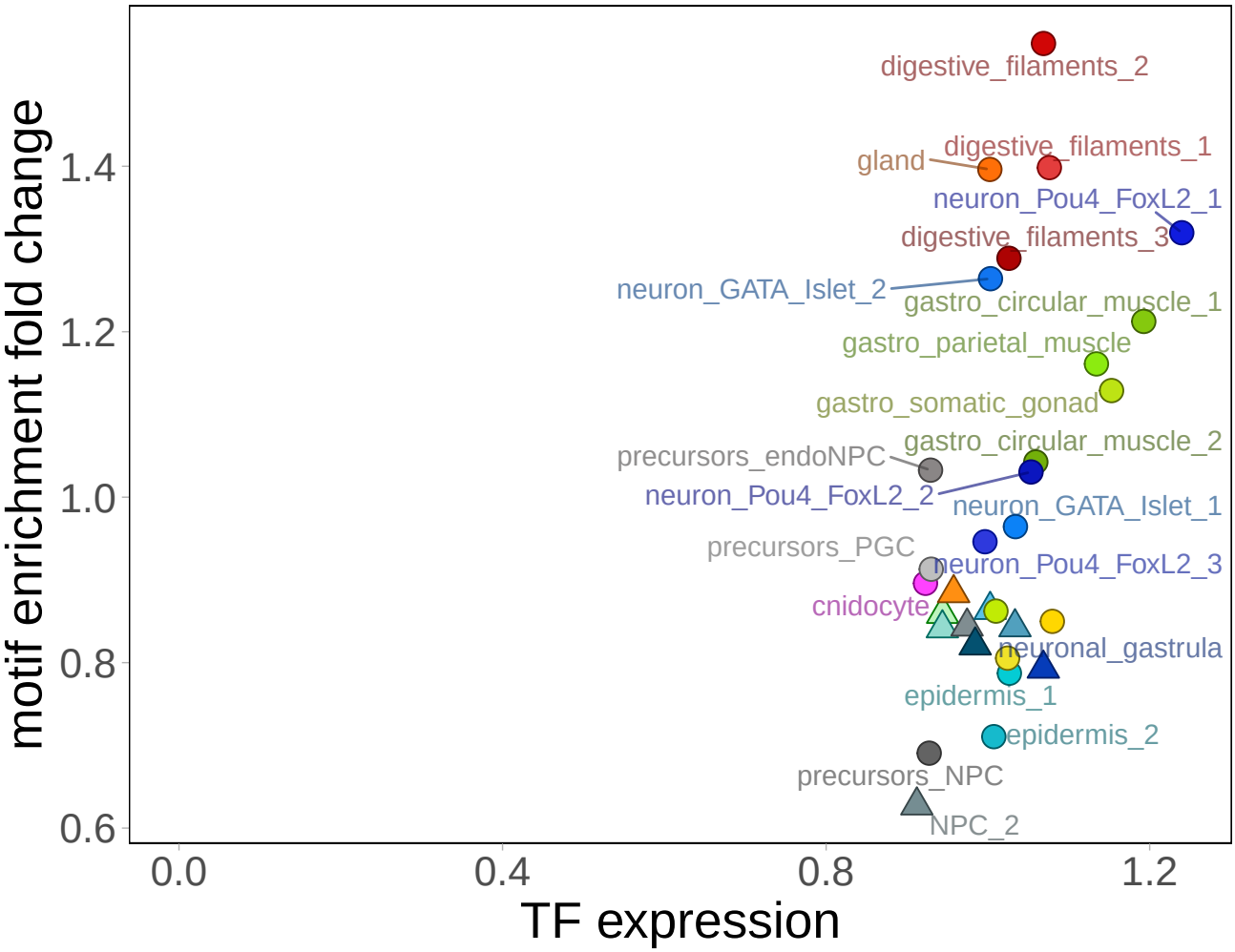
Nvec_vc1.1_XM_032371859.2
OG: Homeodomains.HG1.56:like:EN1/EN2
PFAM: Homeodomain
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 40
gene expression correlation: 0.0304
gene score correlation: 0.4396



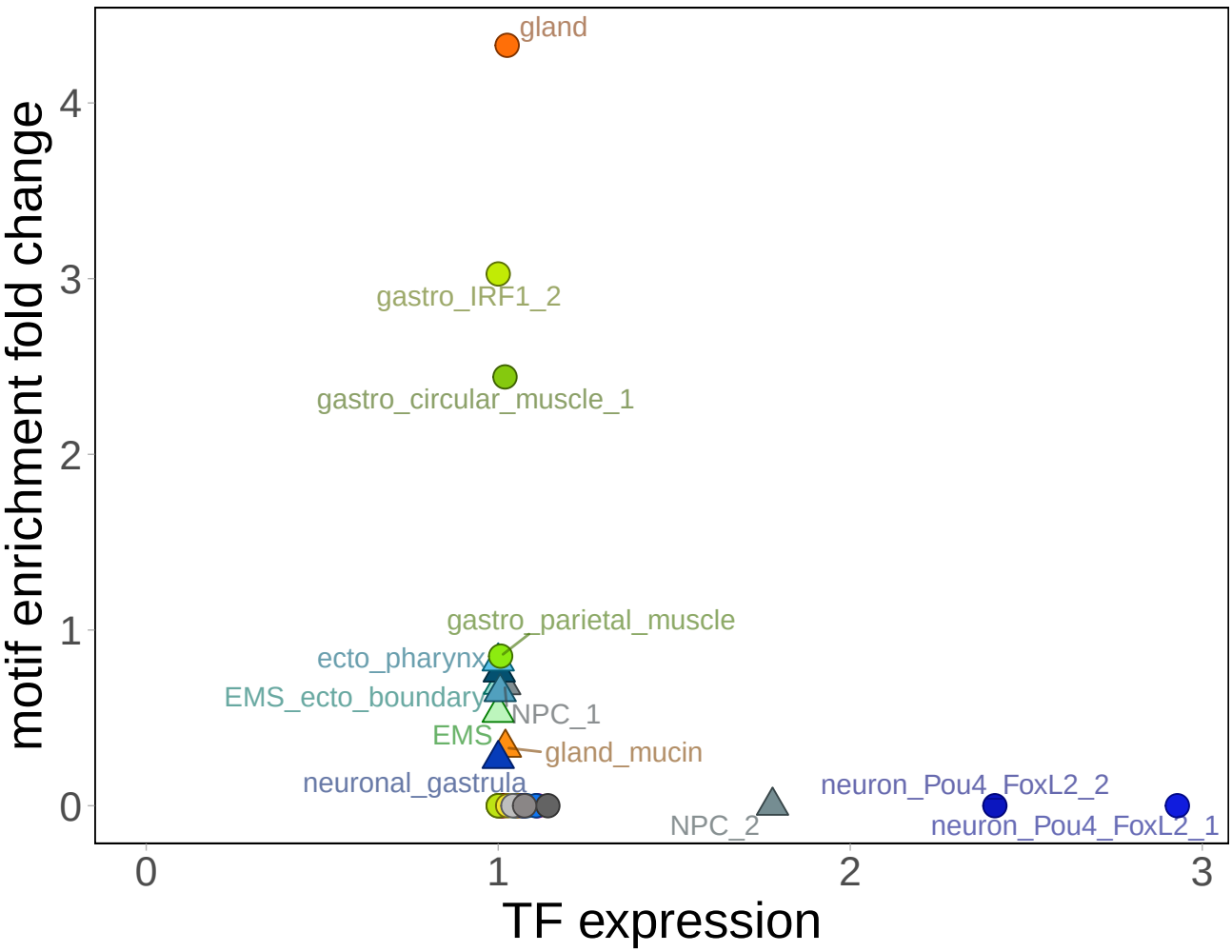
Nvec_vc1.1_XM_032371996.2
OG: HMGbox_Sox.HG1.53:LEF1/TCF7/TCF7L
PFAM: HMG_box
motif: ARCH1158_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 1
gene expression correlation: −0.0876
gene score correlation: 0.0810



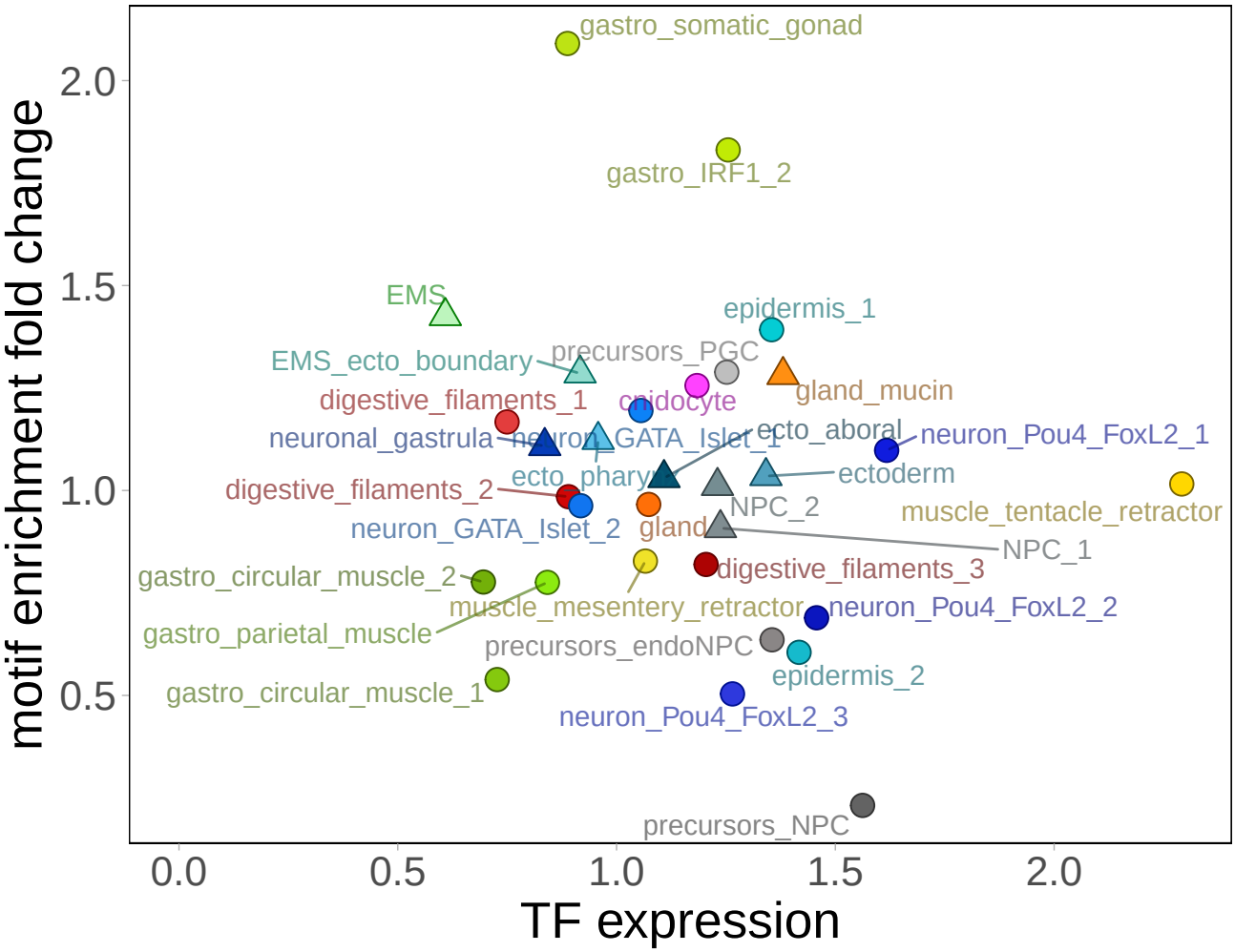
Nvec_vc1.1_XM_032372025.2
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARN
PFAM: HLH/PAS/PAS_11
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 581
gene expression correlation: 0.5365
gene score correlation: 0.2366



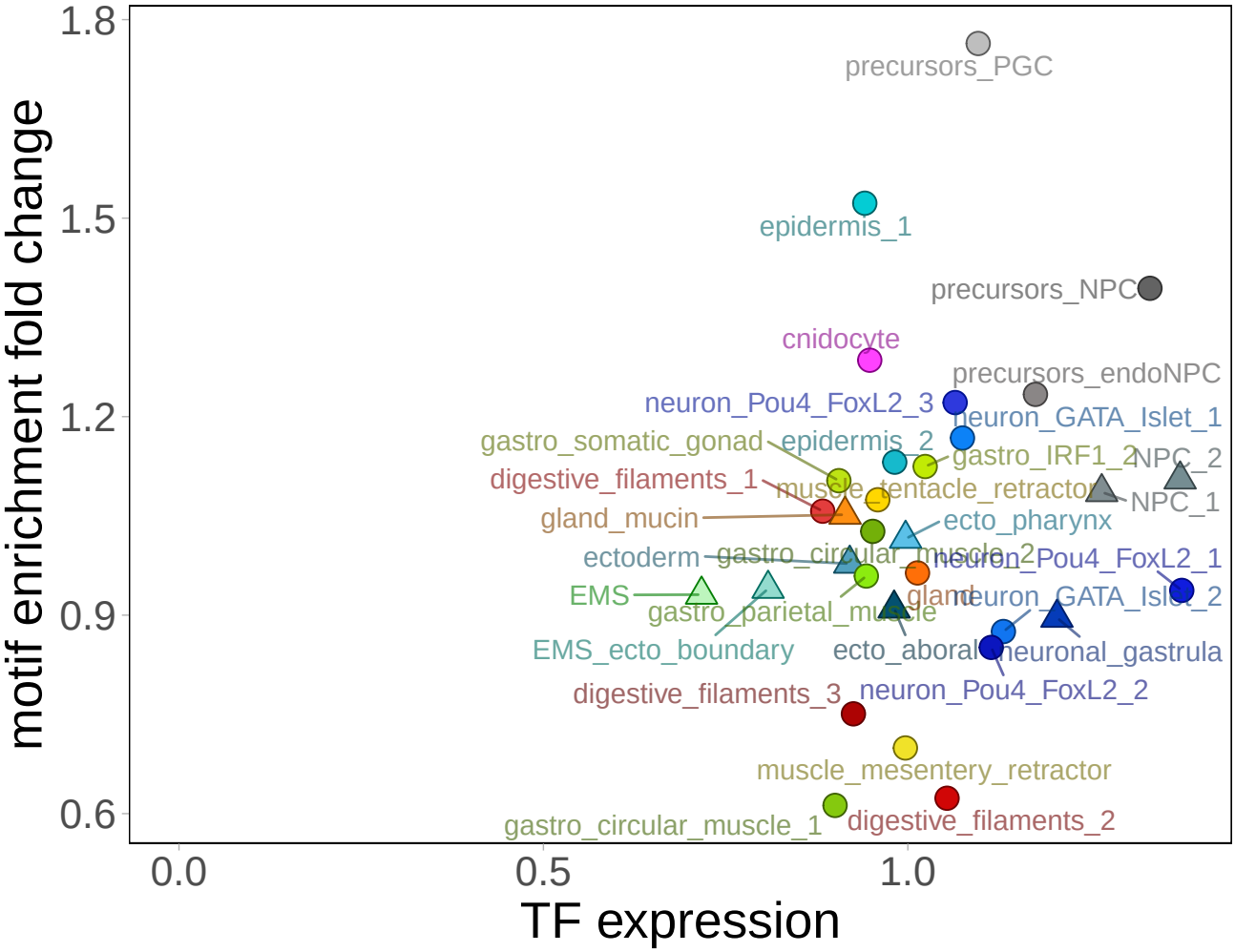
Nvec_vc1.1_XM_032372078.2
OG: zf−C4_Nuclear_receptors.HG1.34:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH1705_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 1357
gene expression correlation: −0.1821
gene score correlation: −0.2382



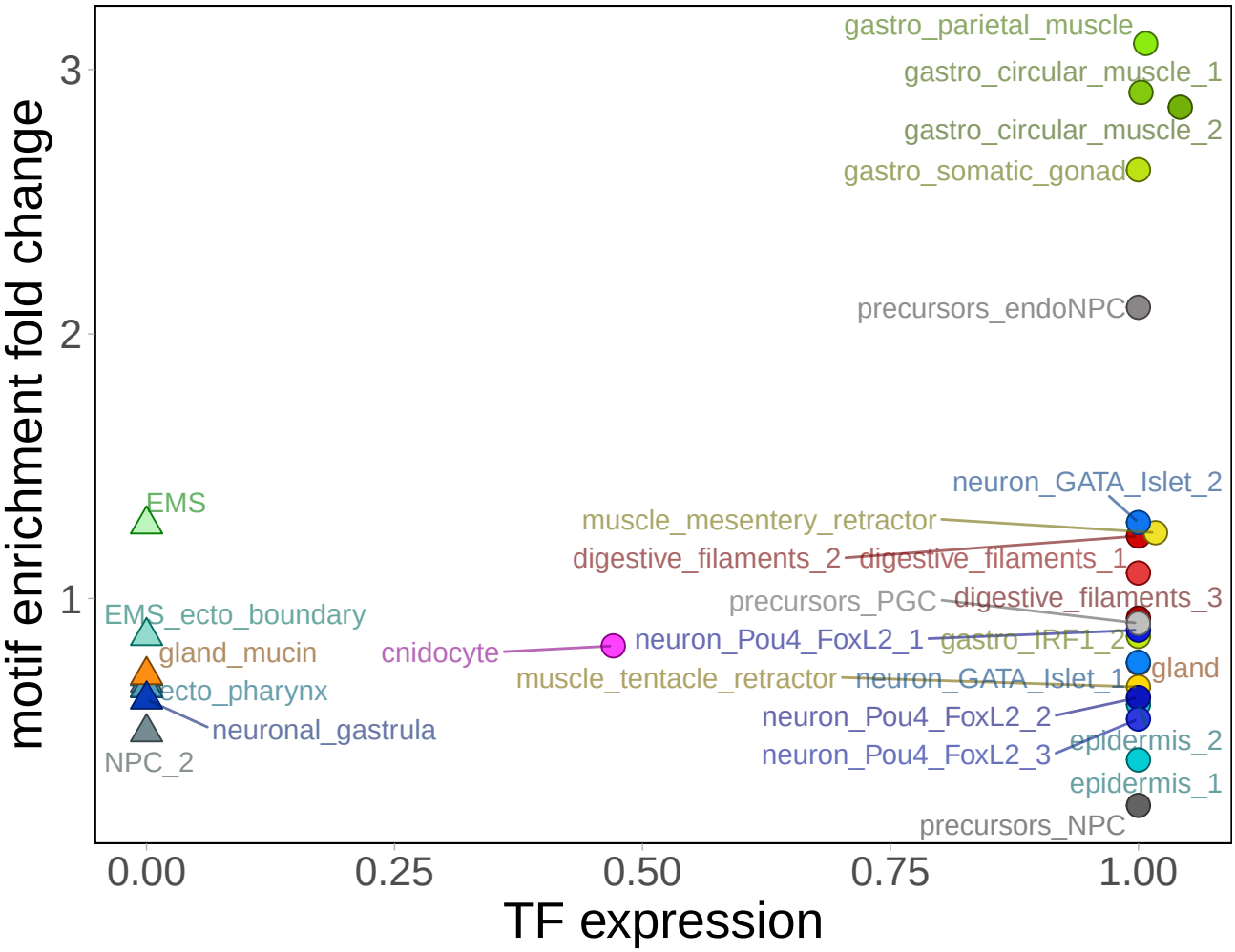
Nvec_vc1.1_XM_032372114.2
OG: bZIP.HG1.8:ATF4/ATF5
PFAM: bZIP_1
motif: ARCH1605_Atf4/Atf5
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 123
gene expression correlation: −0.1738
gene score correlation: −0.1286



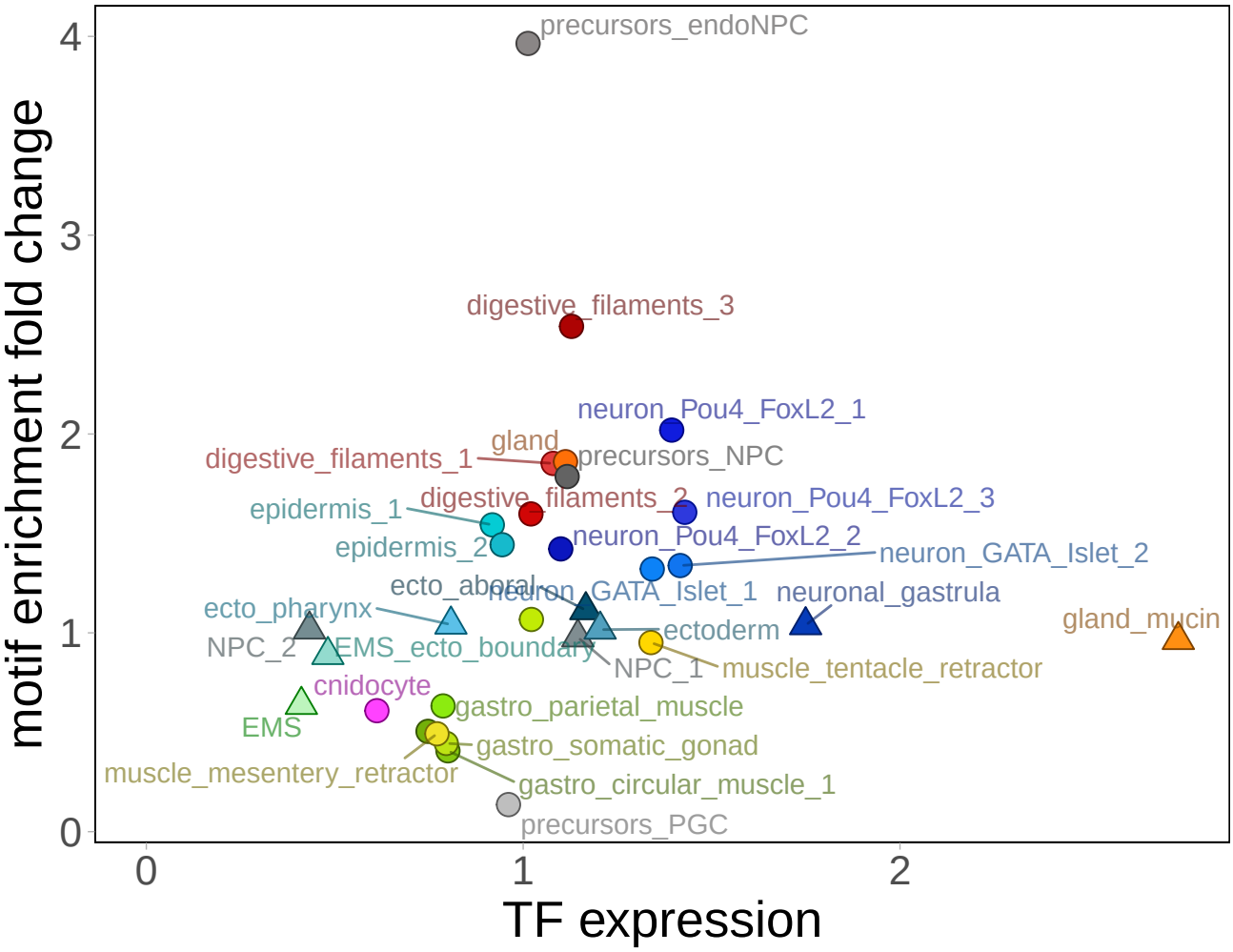
Nvec_vc1.1_XM_032372883.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCOR3
PFAM: ELM2/Myb_DNA−binding
motif: ARCH153_Msantd2_Rcor1/Rcor2...
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 791
gene expression correlation: 0.1925
gene score correlation: 0.1957



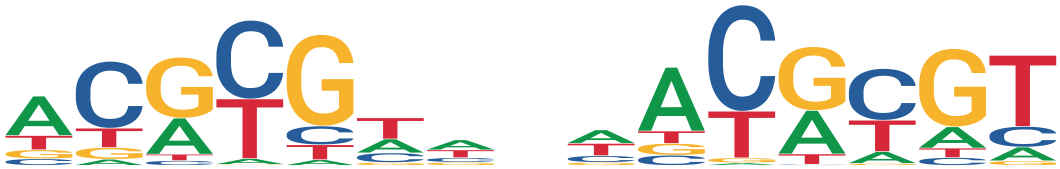
Nvec_vc1.1_XM_032372904.2
OG: Homeodomains.HG1.27:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.3223
gene score correlation: 0.7104

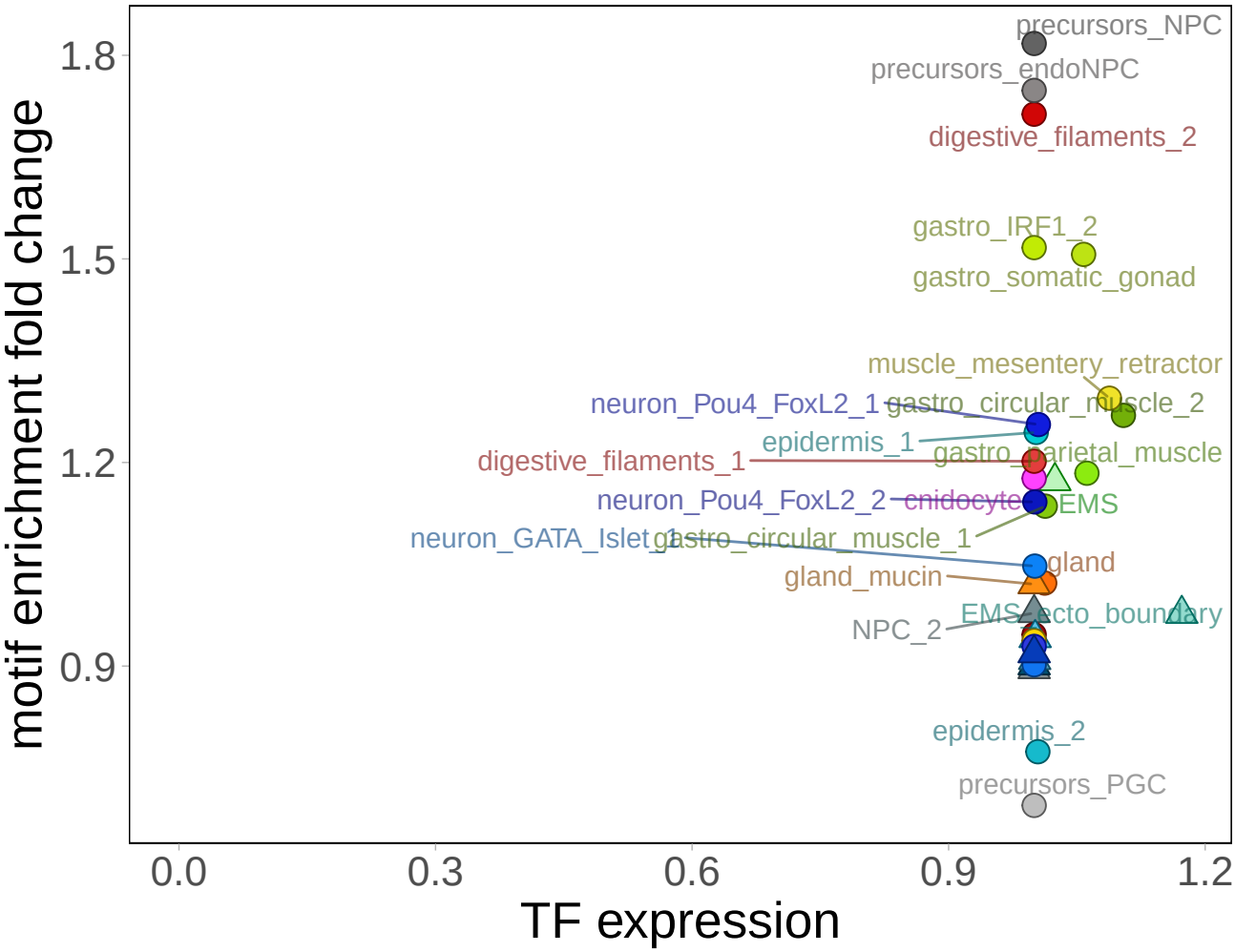


Nvec_vc1.1_XM_032373099.2
OG: Homeodomains.HG4.10:POU3F1/POU3F
PFAM: Pou/Homeodomain
motif: ARCH1054_POU3F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.1936
gene score correlation: 0.5461

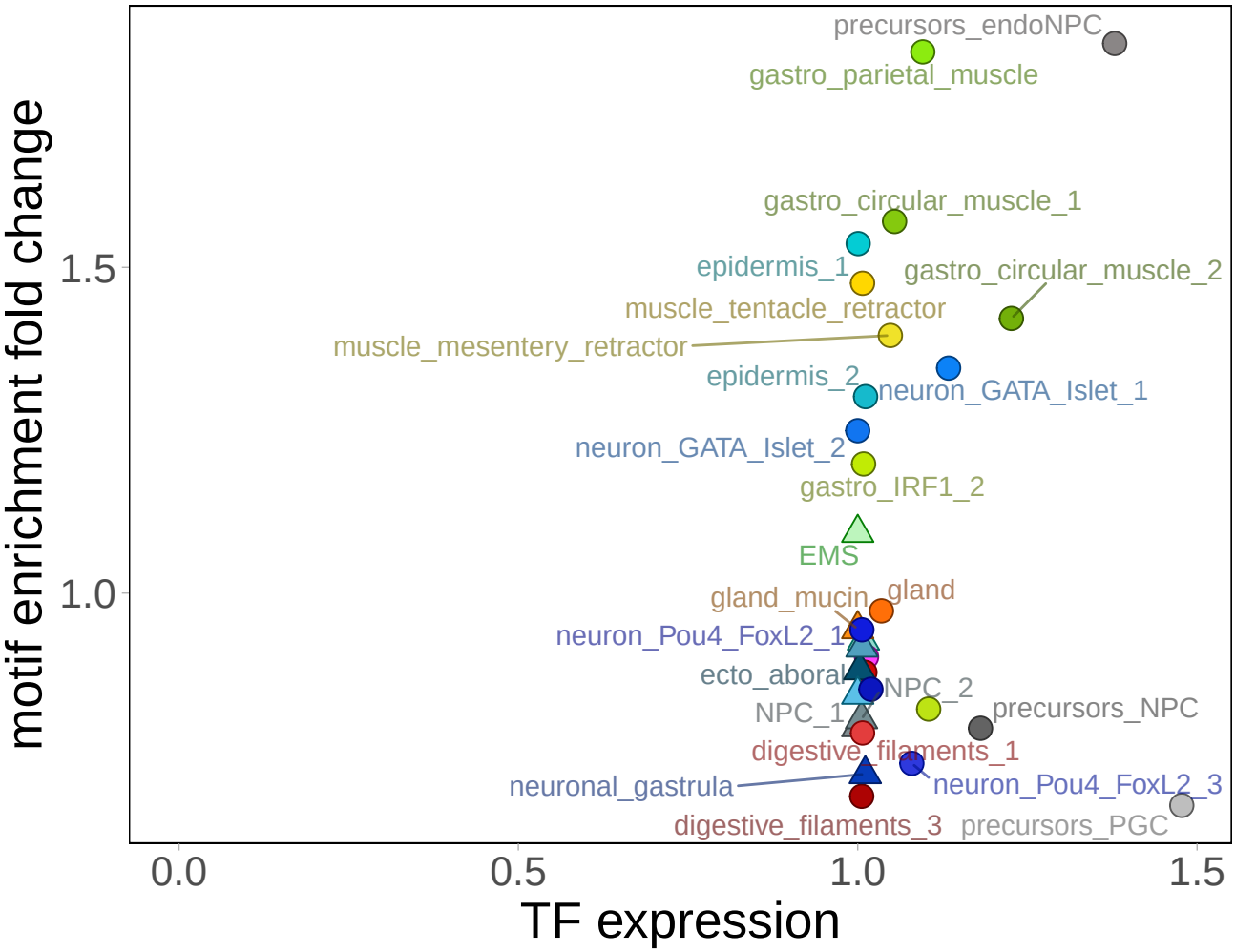


Nvec_vc1.1_XM_032373496.2
OG: Homeodomains.HG1.64:MEOX1/MEOX2
PFAM: Homeodomain
motif: ARCH782_Irx6
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.0719
gene score correlation: 0.2241

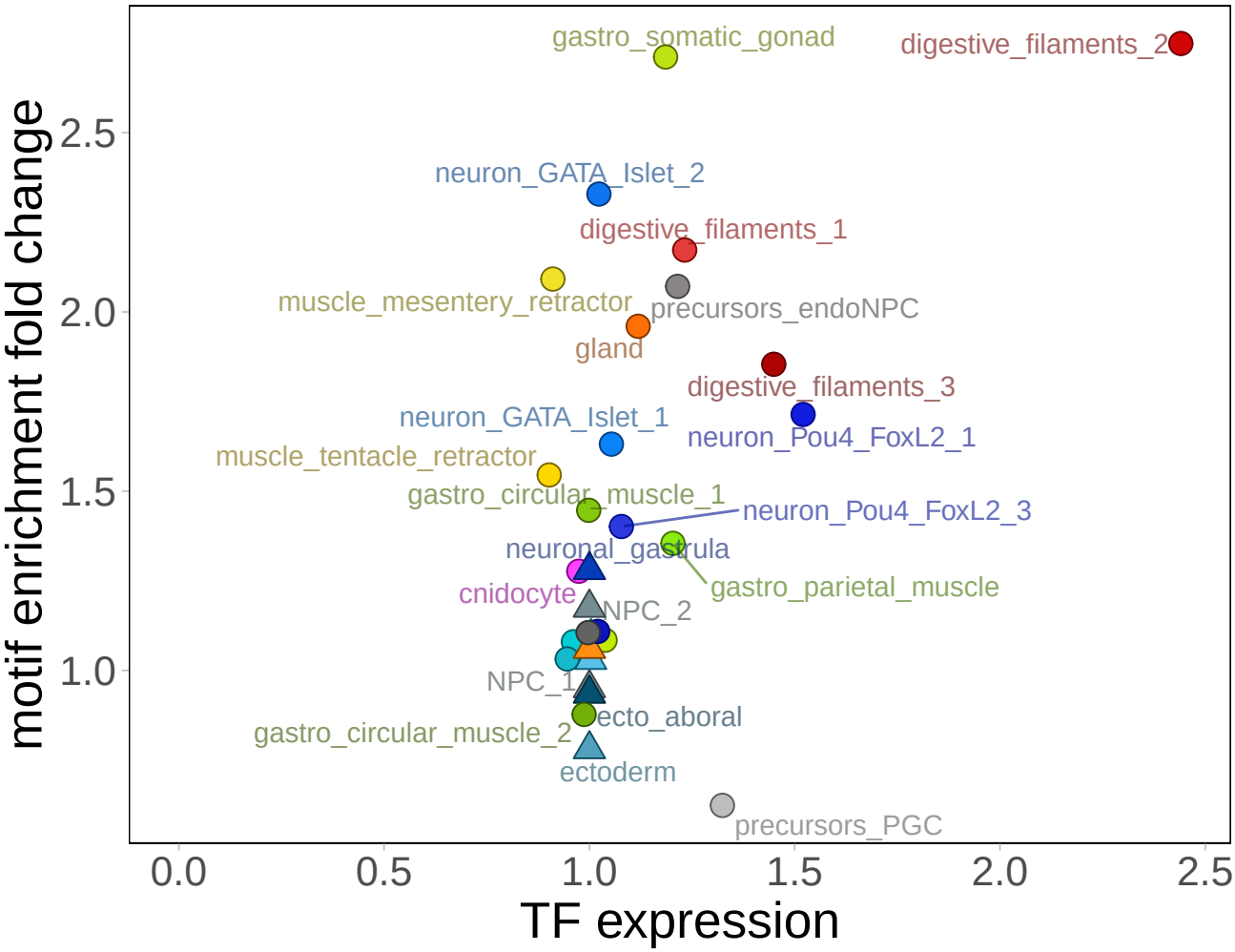




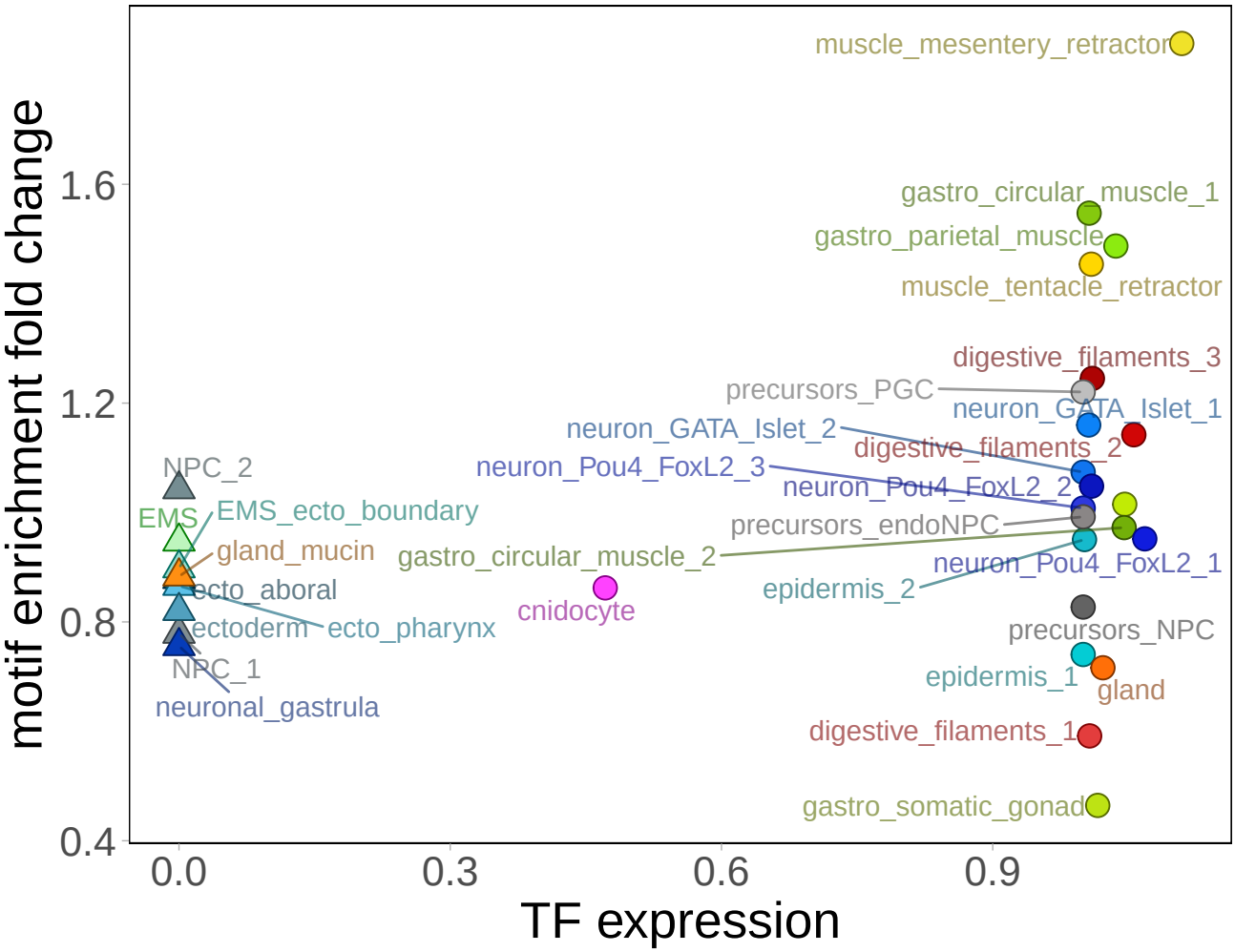
Nvec_vc1.1_XM_032373497.2
OG: Homeodomains.HG1.63:like:MEOX1/MEO
PFAM: Homeodomain
motif: ARCH637_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.1894
gene score correlation: 0.4340



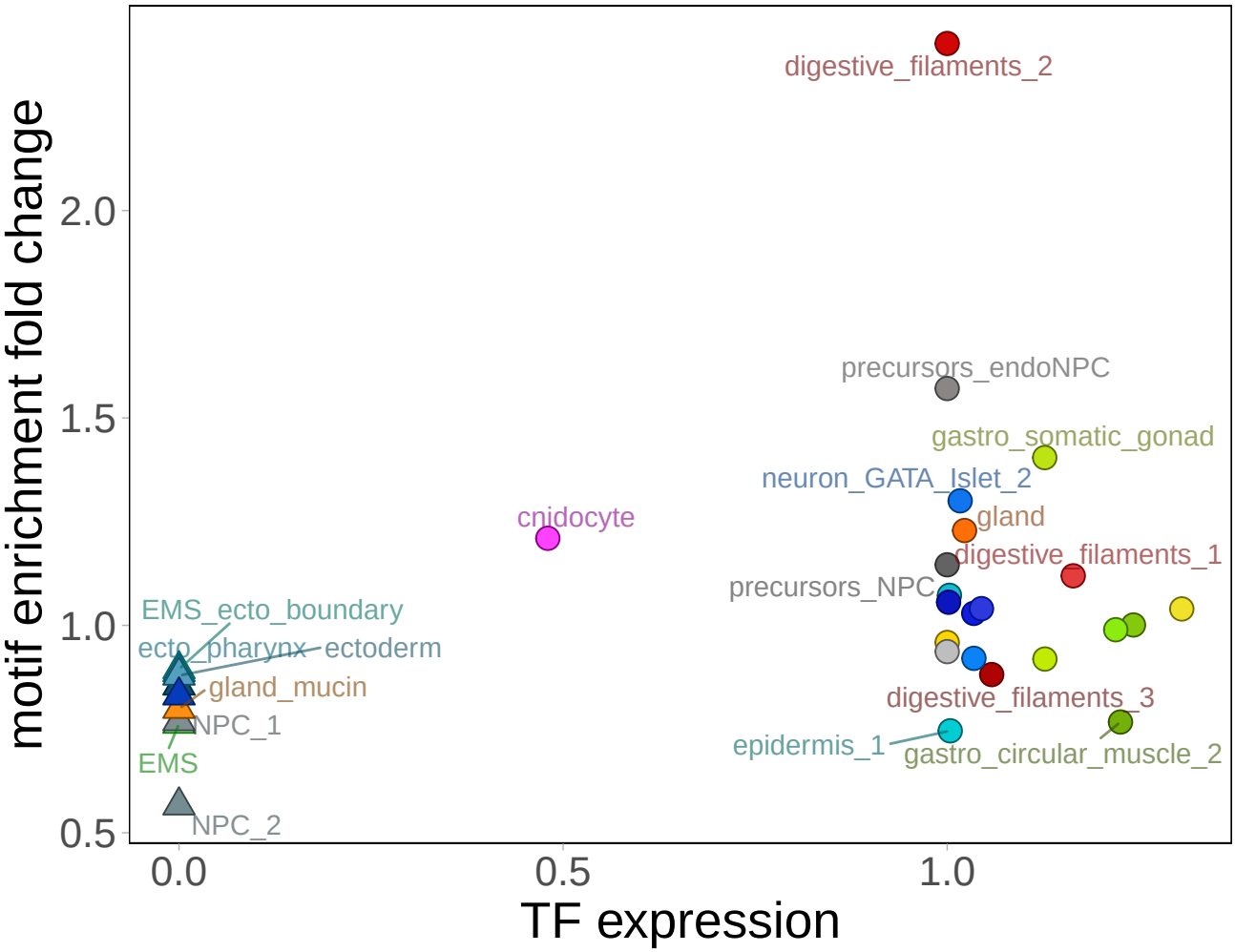
Nvec_vc1.1_XM_032373617.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH1504_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.5274
gene score correlation: 0.5983



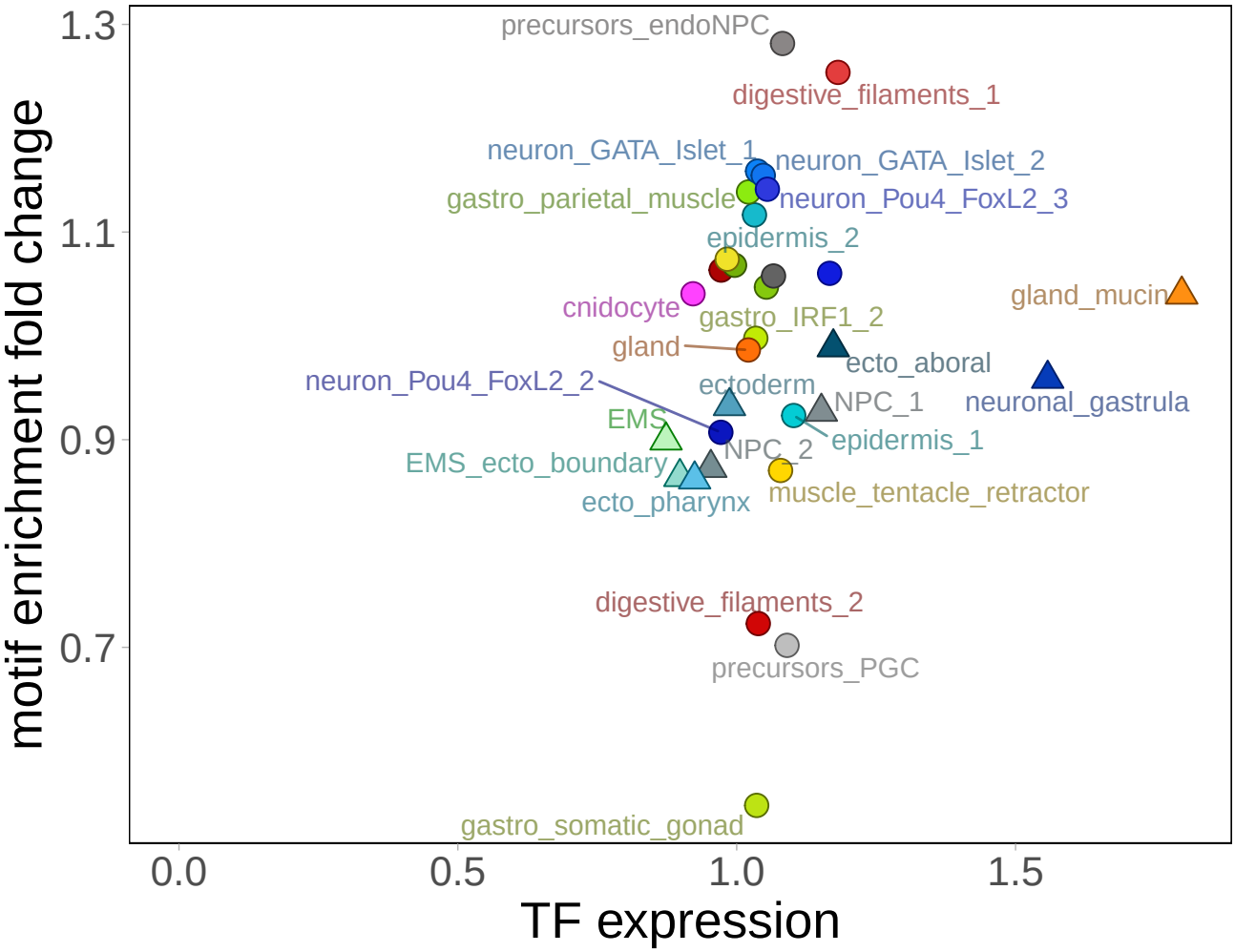
Nvec_vc1.1_XM_032373800.2
OG: zf−C2H2.HG1.38:like:AC008758.1/AC008
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH866_ZNF317
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 198
gene expression correlation: 0.3363
gene score correlation: 0.2363



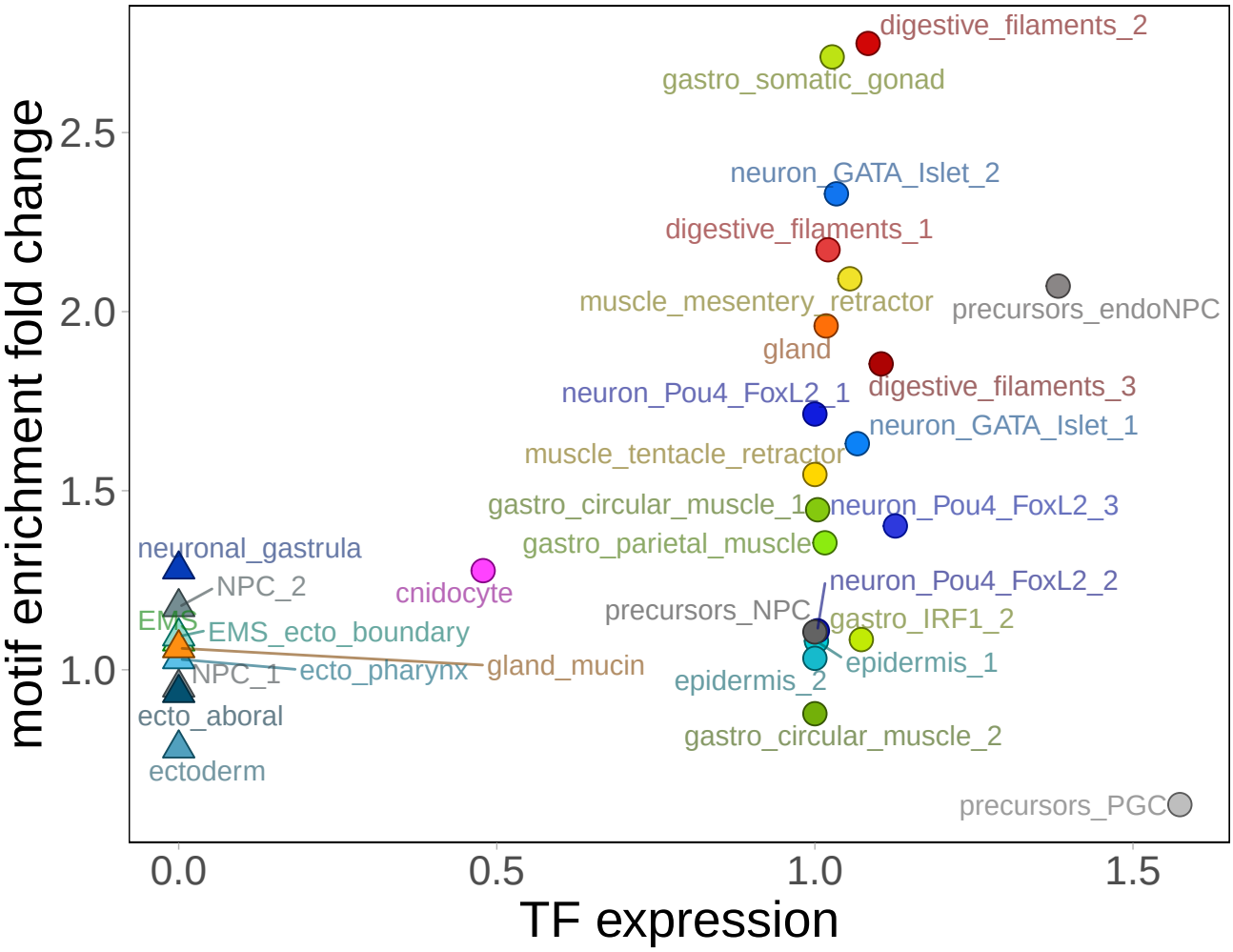
Nvec_vc1.1_XM_032374008.2
OG: HLH.HG1.92:like:SCX/TCF15
PFAM: HLH
motif: ARCH1118_PL0012.1_hlh−2::hlh−8
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 261
gene expression correlation: 0.3872
gene score correlation: −0.0761



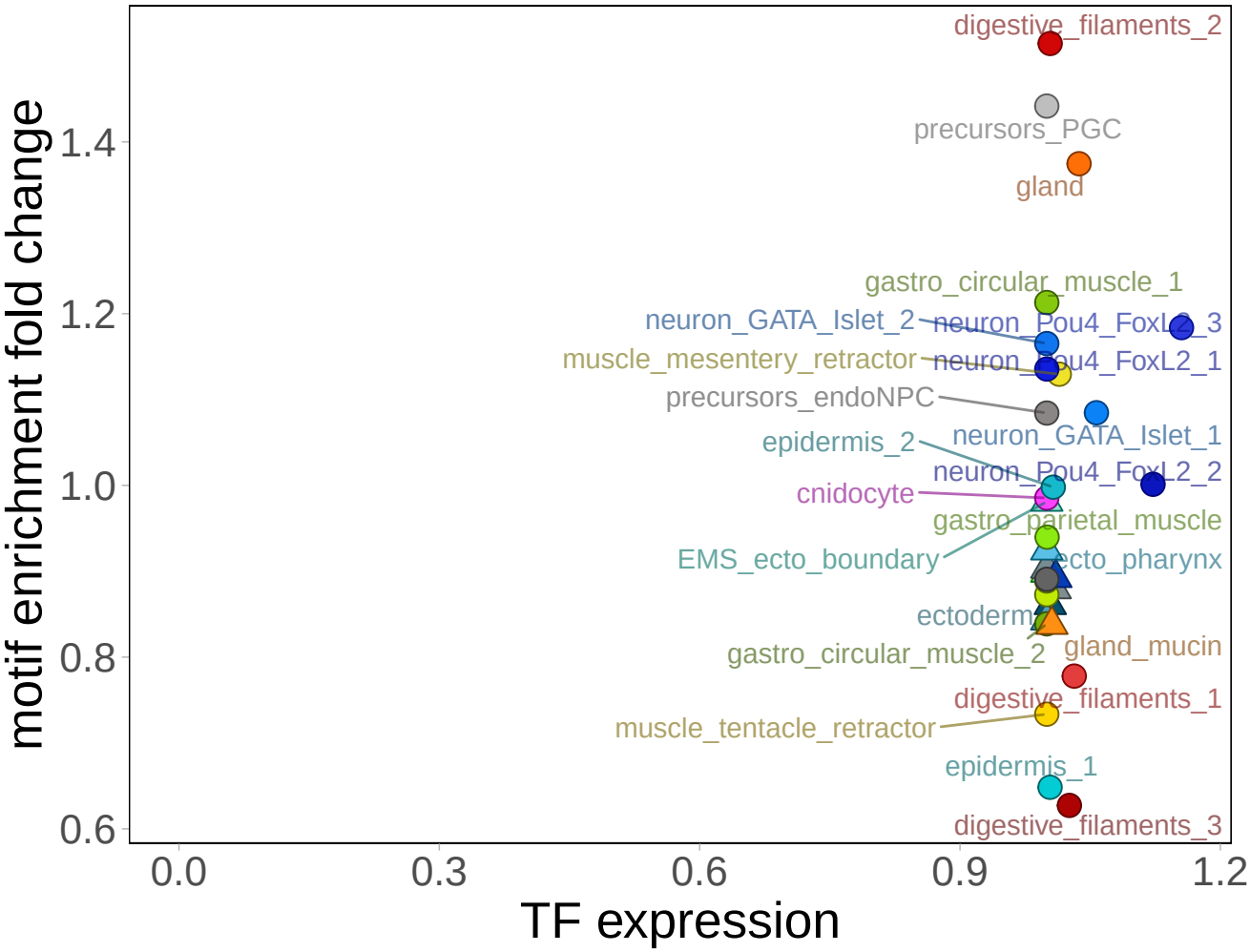
Nvec_vc1.1_XM_032374041.2
OG: Homeodomains.HG2.9:LHX6/LHX8/ZFHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH86_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 35
gene expression correlation: 0.1193
gene score correlation: 0.1863



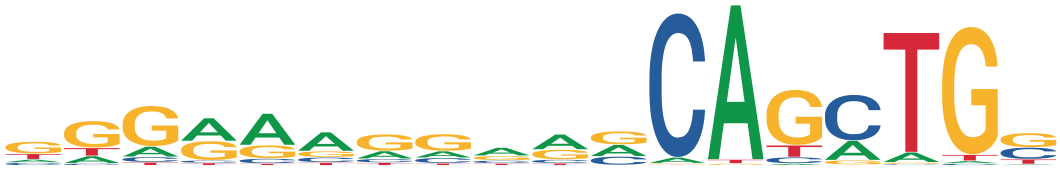
Nvec_vc1.1_XM_032374853.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH1504_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.4332
gene score correlation: 0.6686

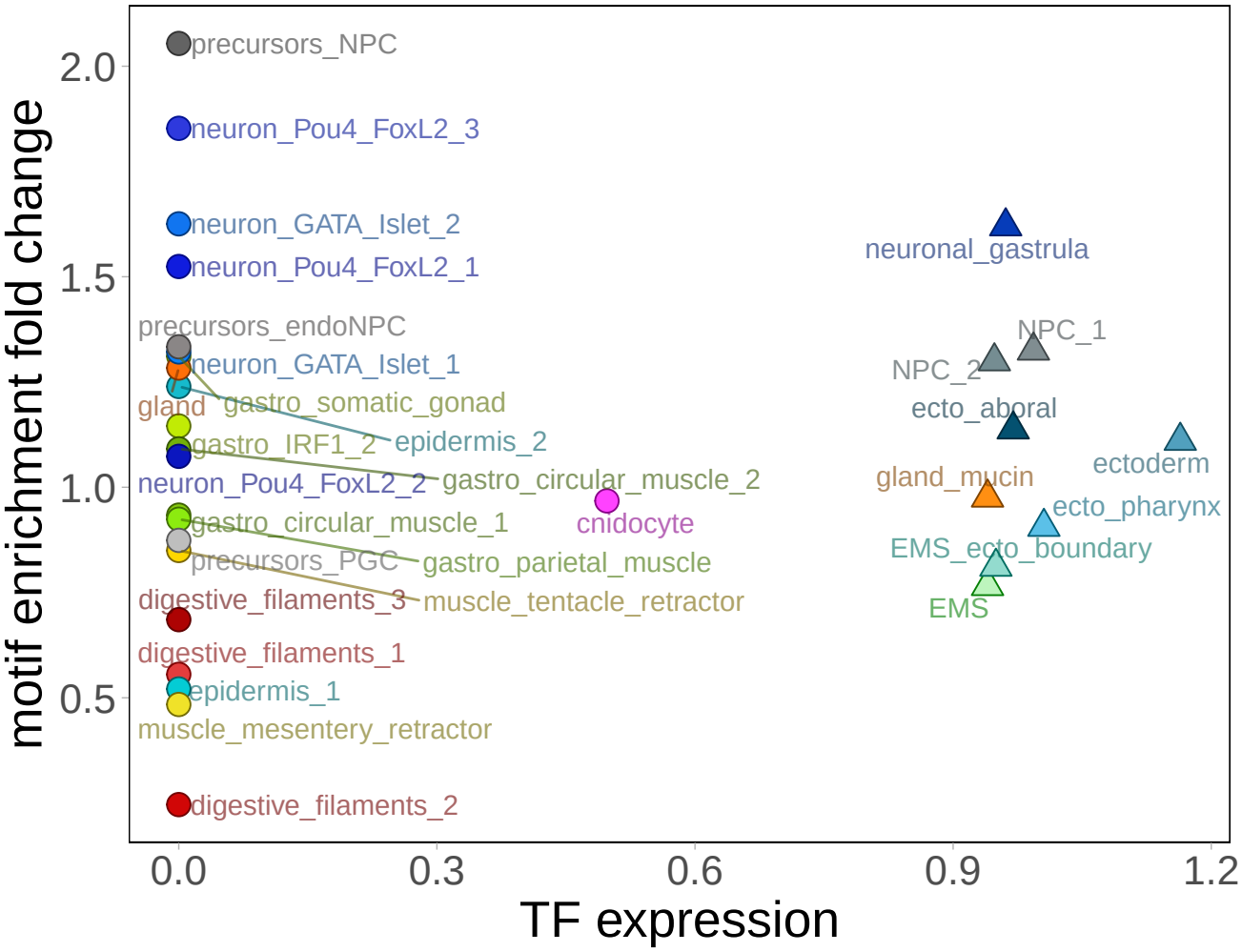


Nvec_vc1.1_XM_032374864.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH159_Barx2/Barx1_Emx1/Em...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 12
gene expression correlation: 0.1624
gene score correlation: 0.3245

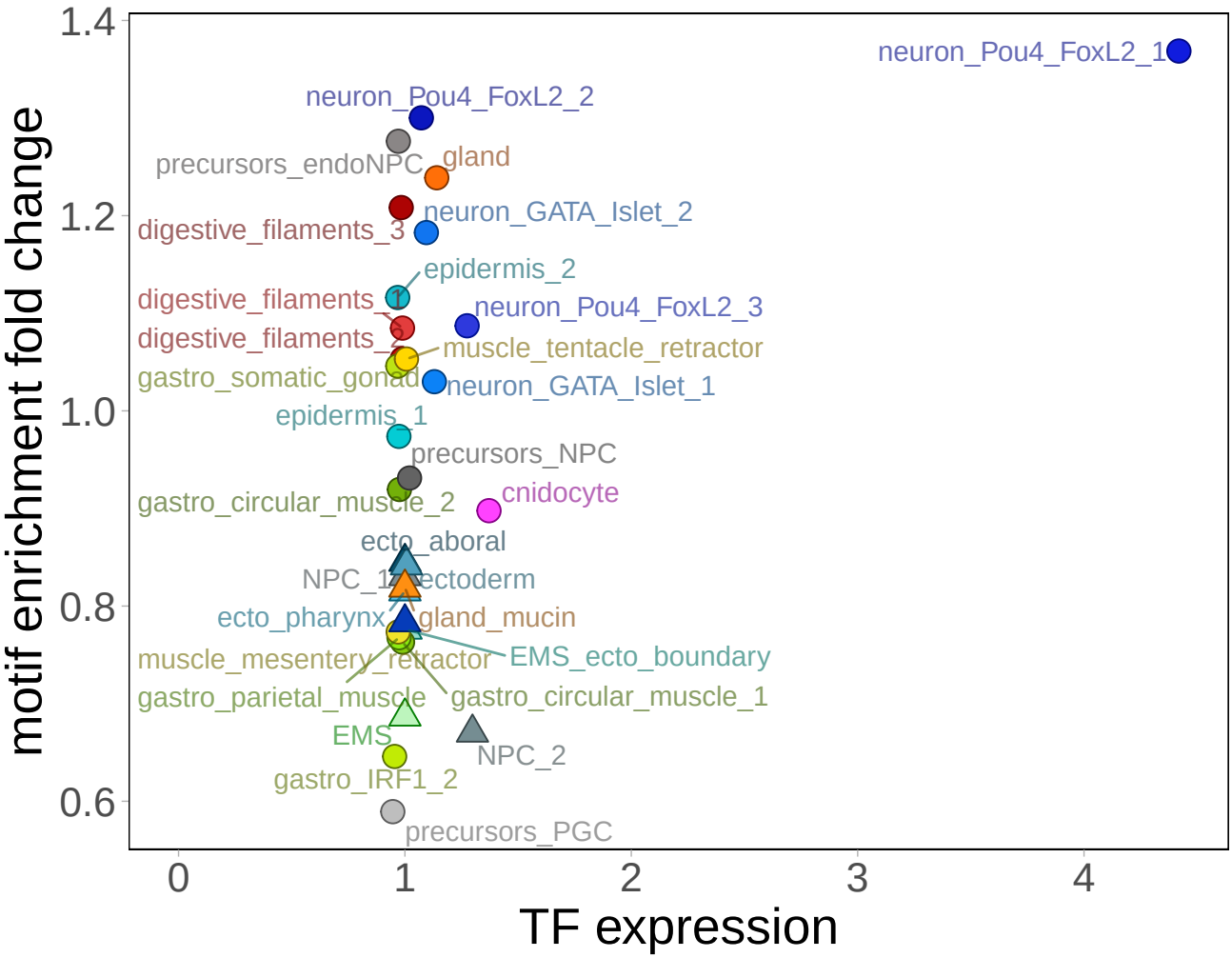


Nvec_vc1.1_XM_032375349.2
OG: HLH.HG1.50:HES3
PFAM: HLH
motif: ARCH468_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 6
gene expression correlation: 0.0127
gene score correlation: 0.4135

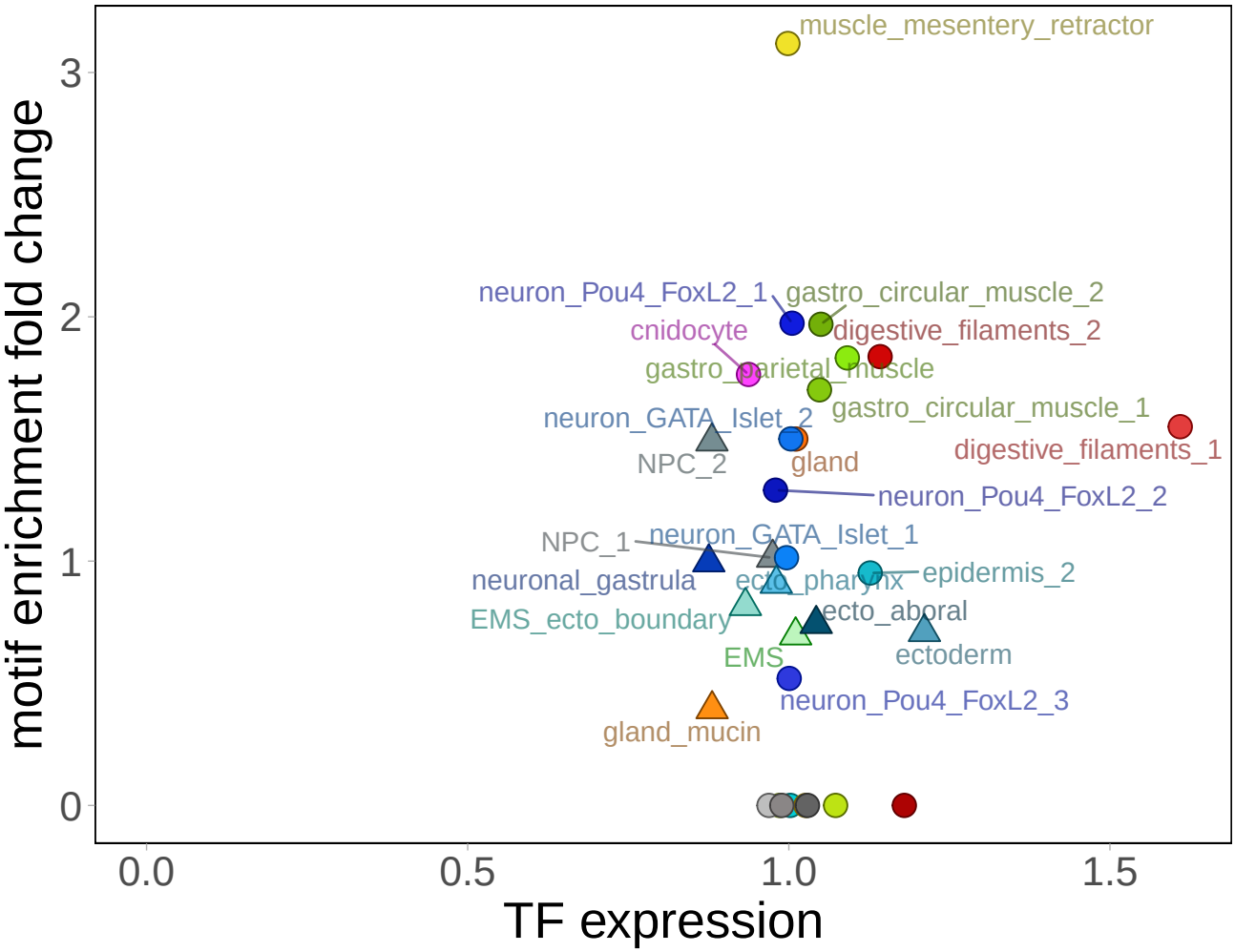




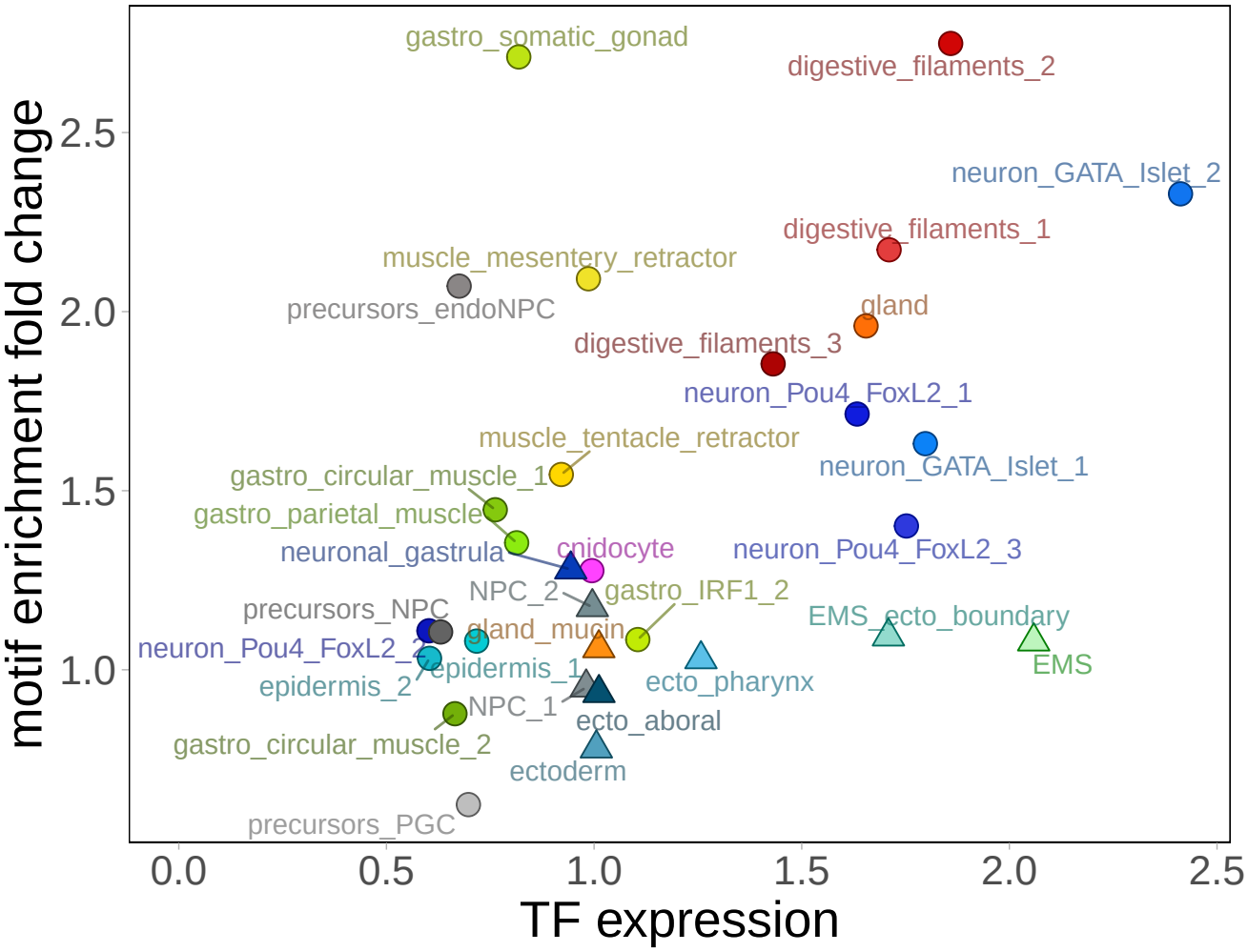
Nvec_vc1.1_XM_032375670.2
OG: Doublesex_DM.HG1.19:like:DMRT1/DMR
PFAM: DM/DMA
motif: ARCH28_Dmrt2_Dmrtc2
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 32
gene expression correlation: 0.3862
gene score correlation: 0.4925



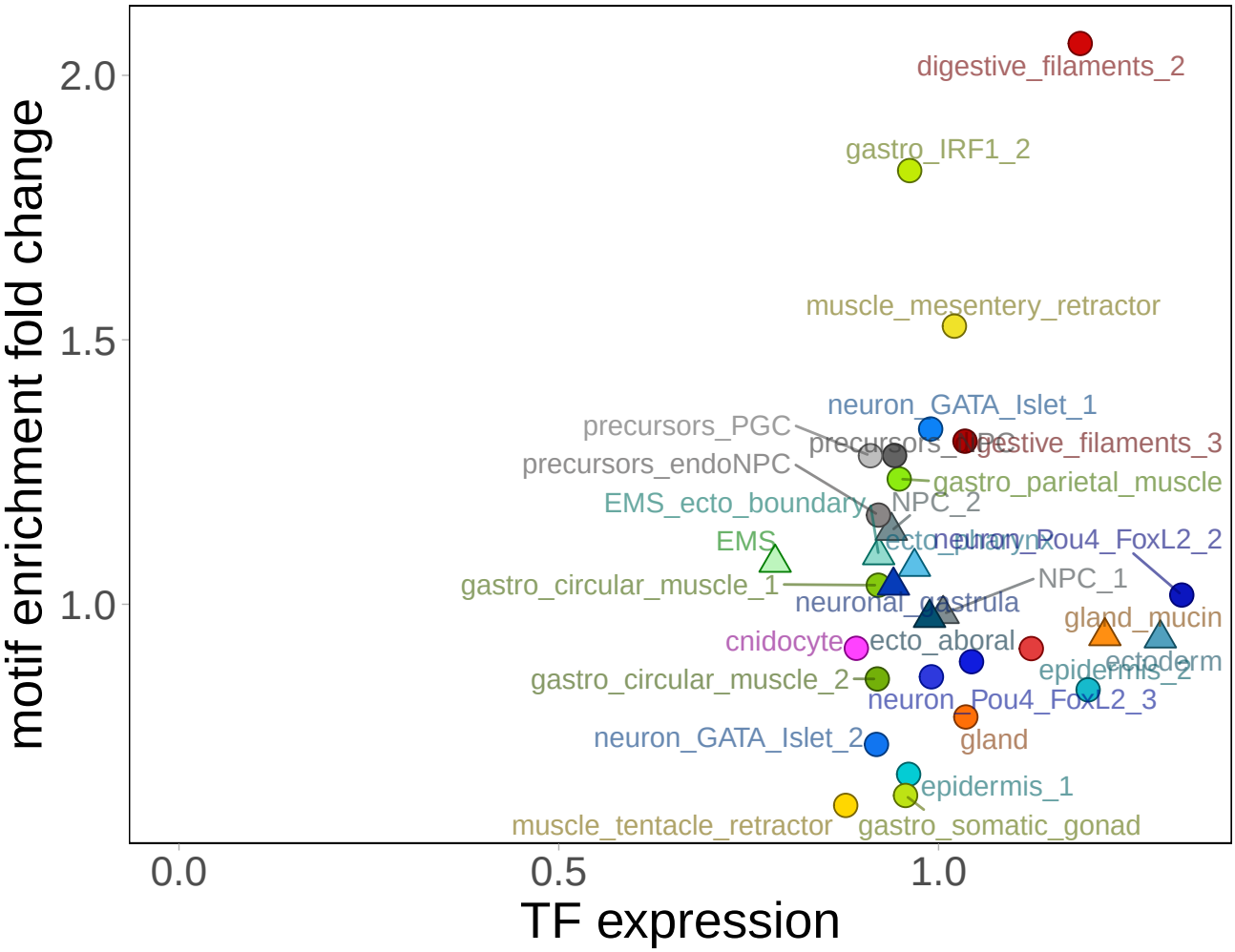
Nvec_vc1.1_XM_032376267.2
OG: HMGbox_Sox.HG1.7:HBP1
PFAM: AXH/HMG_box
motif: ARCH142_/Sox4/Sox11_Sox13/S...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.0897
gene score correlation: −0.1452



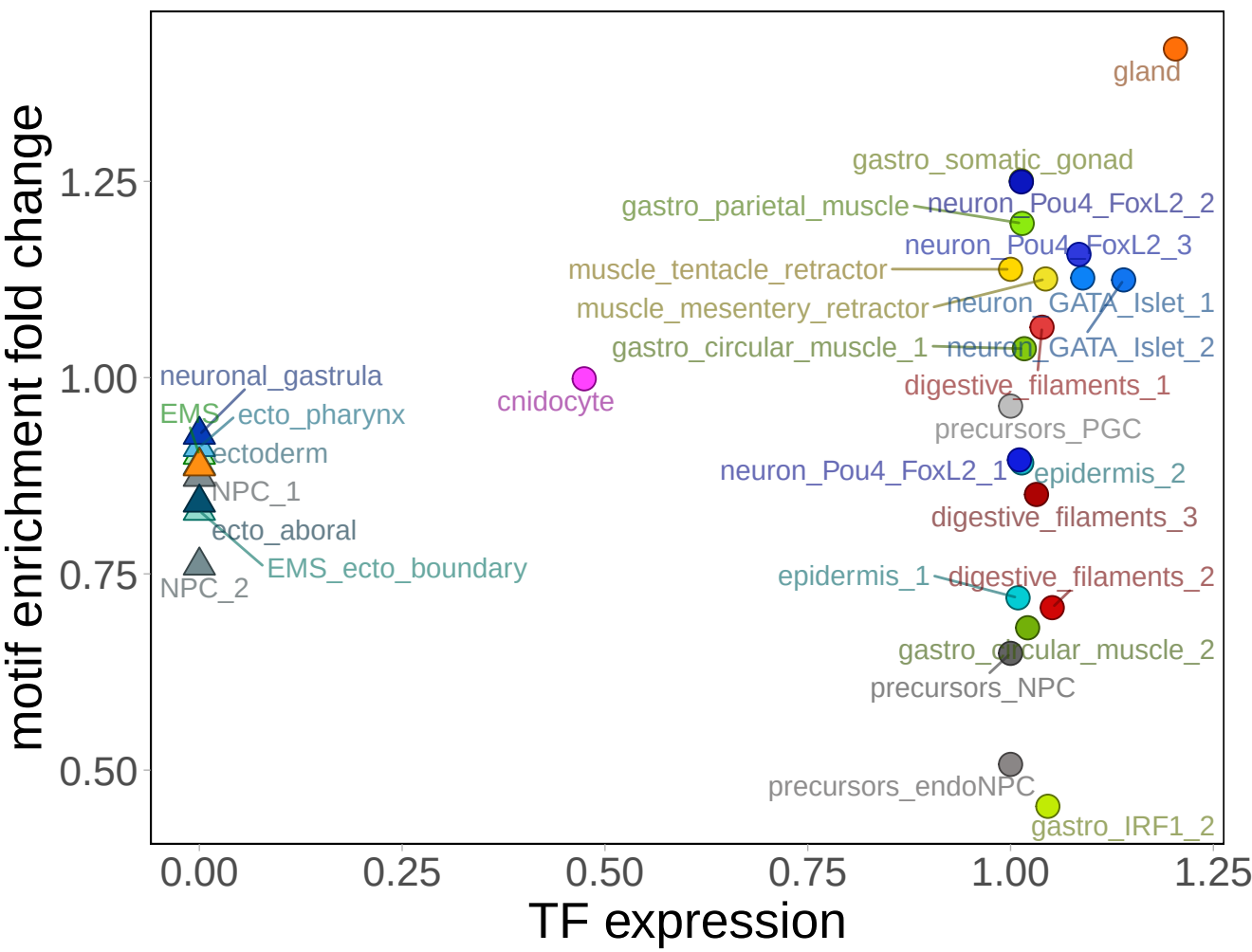
Nvec_vc1.1_XM_032376608.2
OG: Homeodomains.HG3.20:MEIS1/MEIS2/M
PFAM: Meis_PKNOX_N/Homeobox_KN
motif: ARCH1504_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4230
gene score correlation: 0.7710



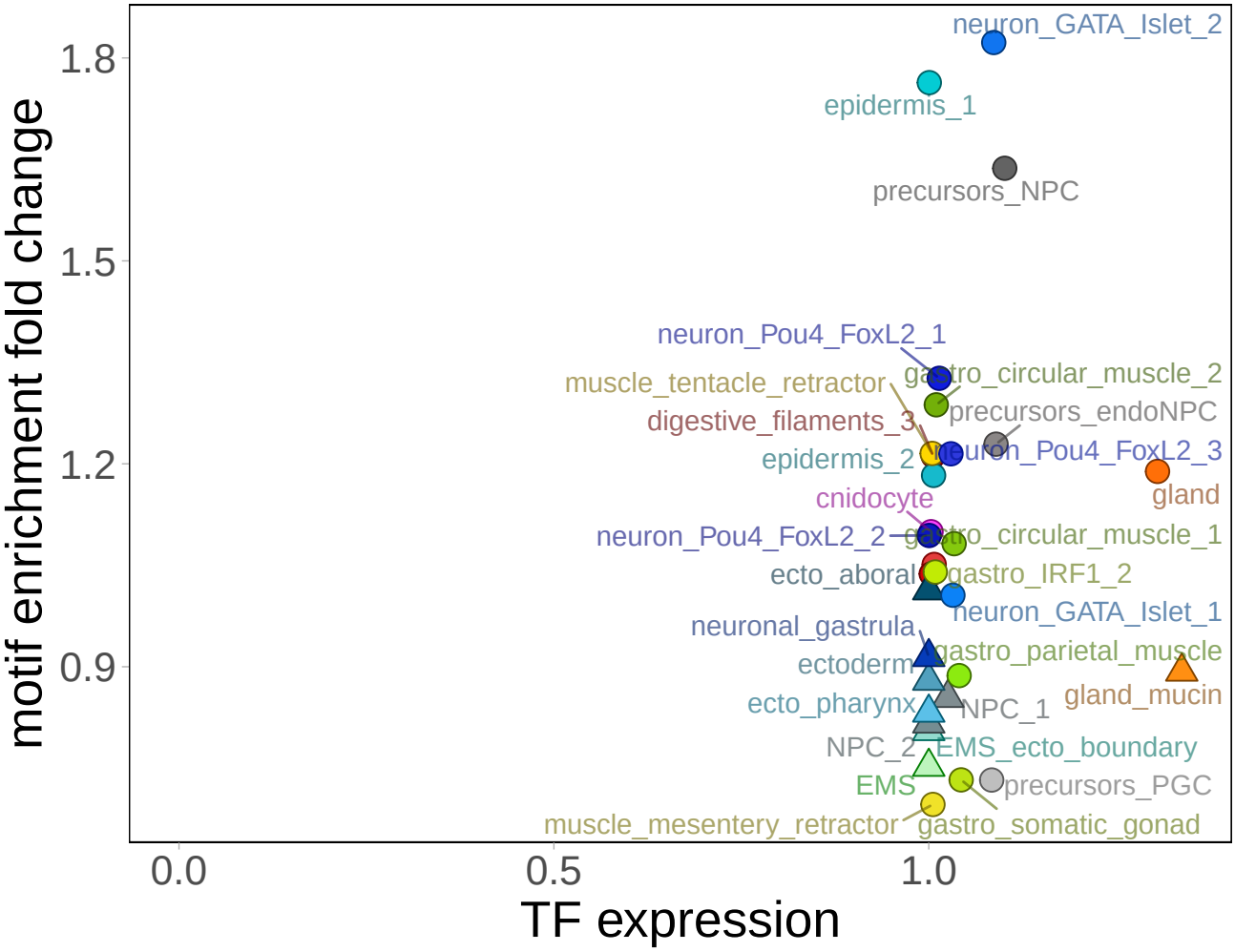
Nvec_vc1.1_XM_032376926.2
OG: bZIP.HG3.2:like:MAF/MAFA/MAFB/NRL
PFAM: bZIP_Maf
motif: ARCH1281_Cic_Hbp1_Sox13/Sox...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 819
gene expression correlation: 0.0905
gene score correlation: 0.2035



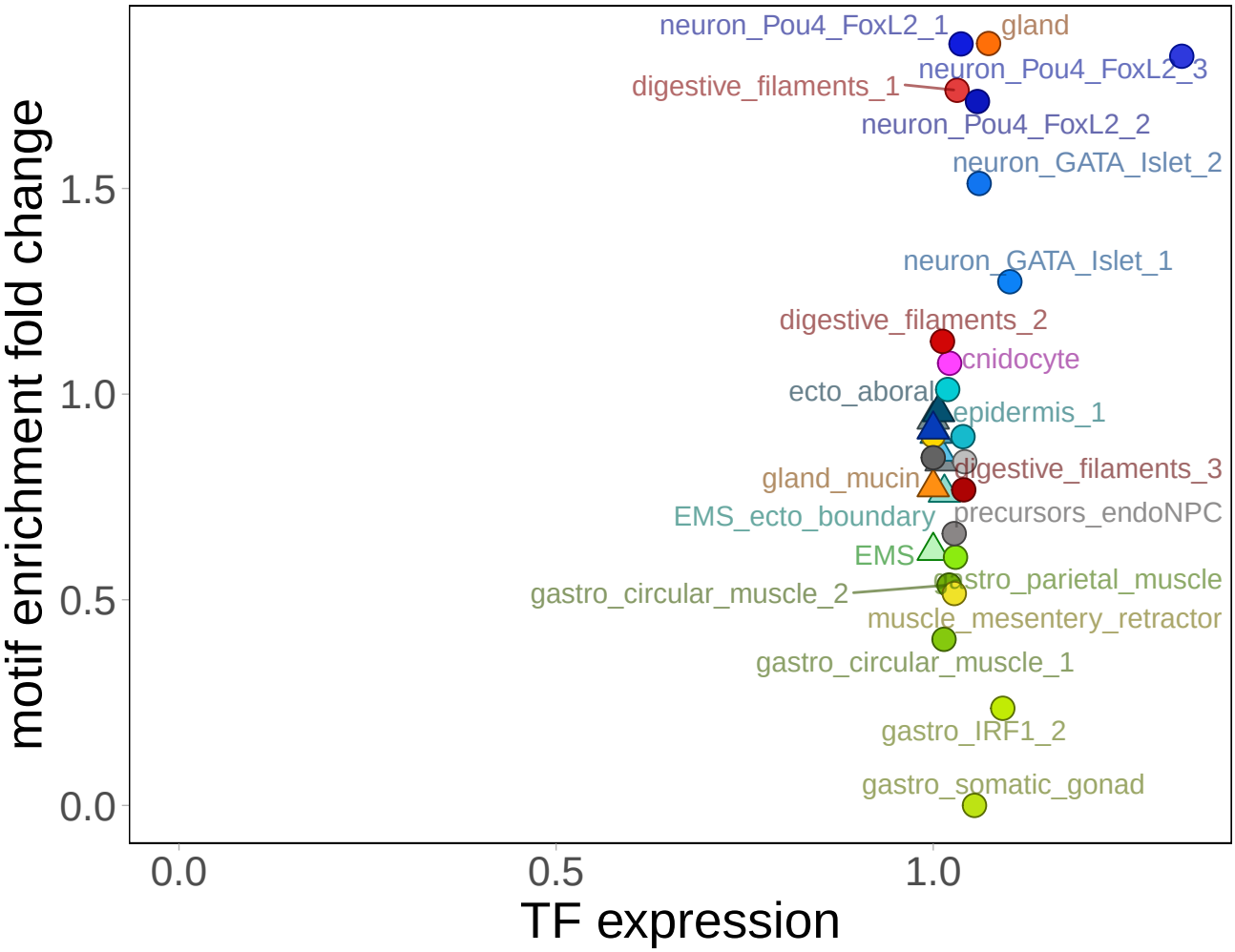
Nvec_vc1.1_XM_032376930.1
OG: zf−C2H2.HG130.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 170
gene expression correlation: 0.2247
gene score correlation: −0.0106



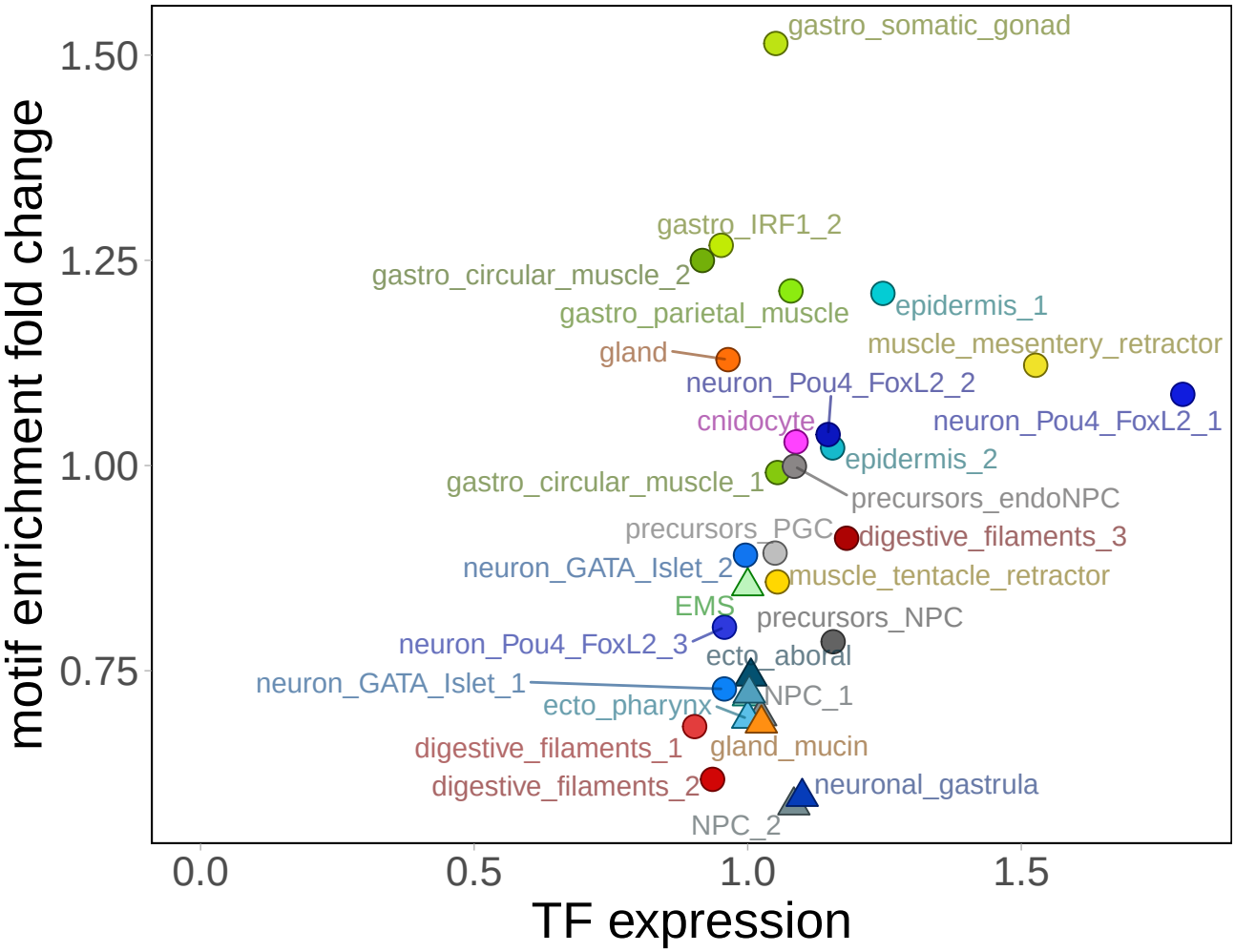
Nvec_vc1.1_XM_032377135.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 148
gene expression correlation: 0.0884
gene score correlation: −0.0130



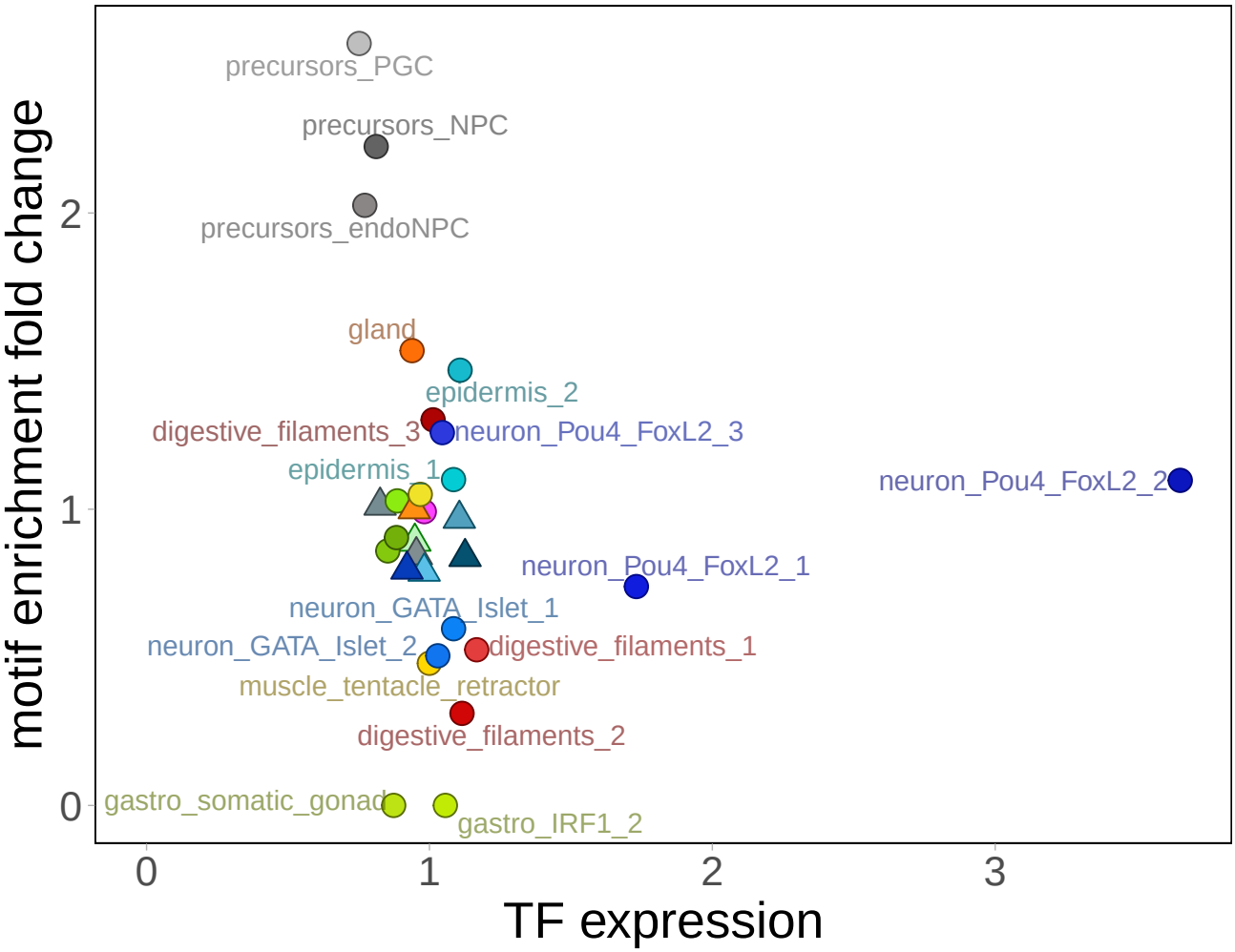
Nvec_vc1.1_XM_032377390.2
OG: Homeodomains.HG1.42:VAX1/VAX2
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 7
gene expression correlation: 0.3932
gene score correlation: 0.3227



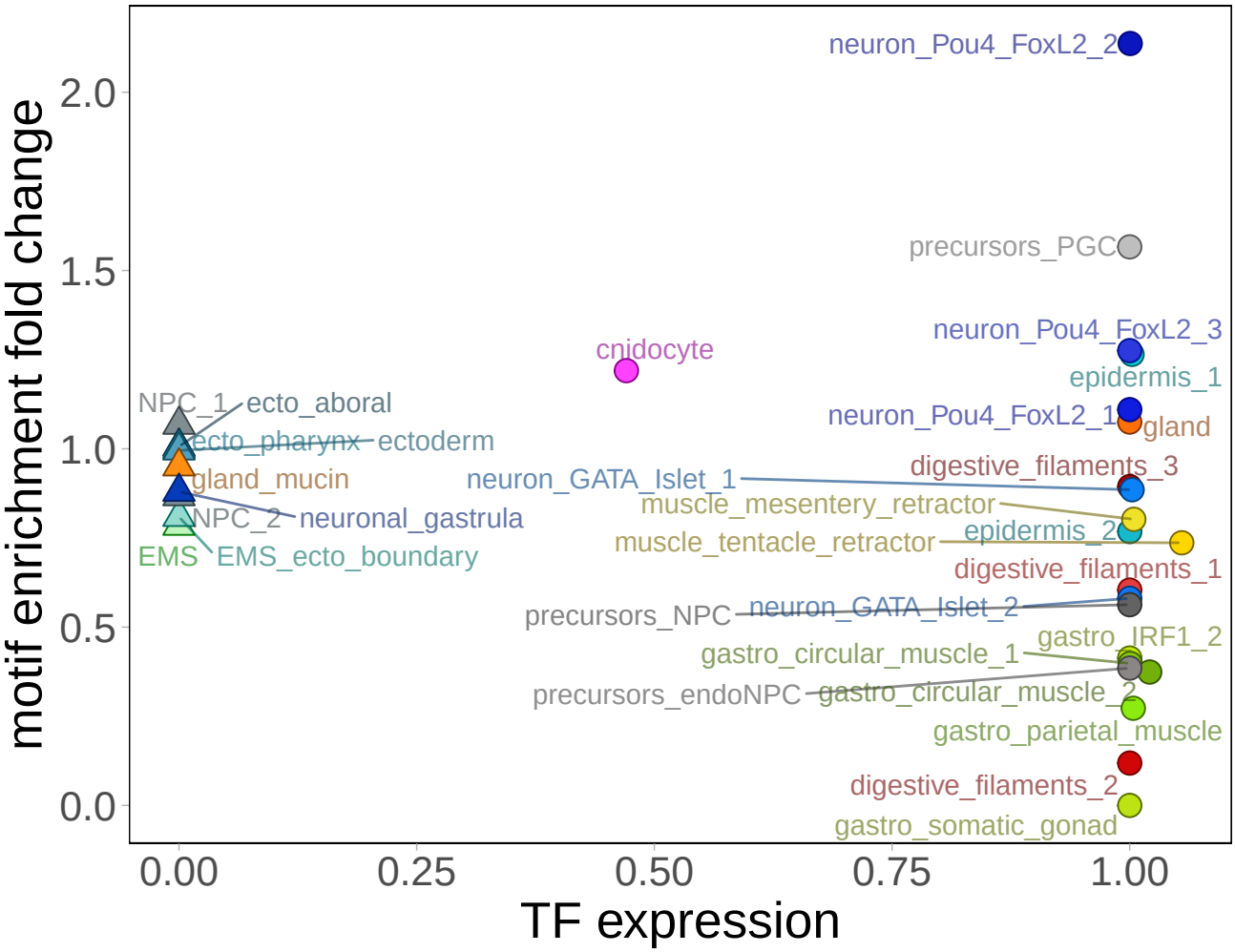
Nvec_vc1.1_XM_032377759.2
OG: Doublesex_DM.HG1.16:like:DMRT1/DMR
PFAM: DM/DMA
motif: ARCH1073_Dmrt2_Dmrtc2_Six1/...
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 333
gene expression correlation: 0.2705
gene score correlation: 0.0478



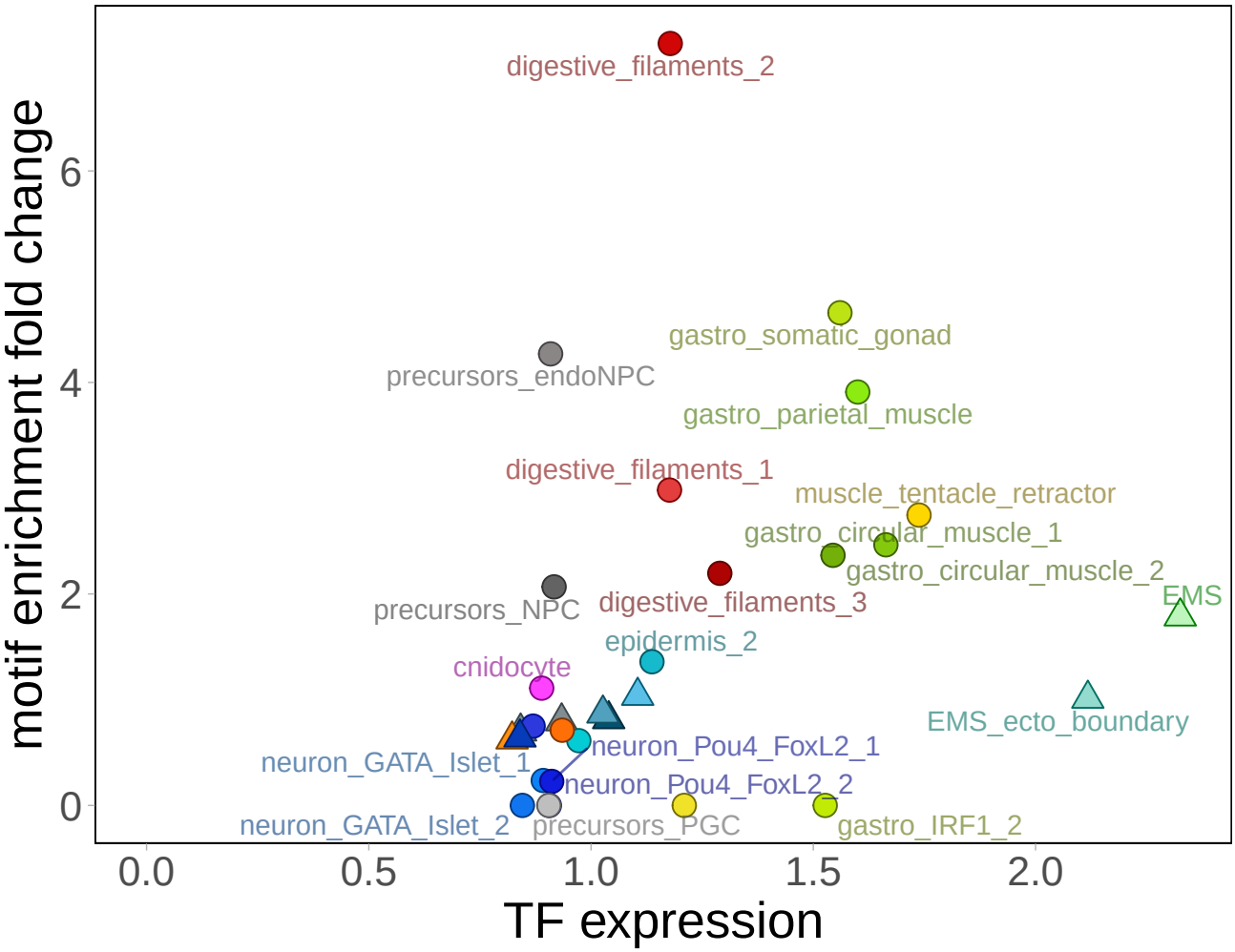
Nvec_vc1.1_XM_032377792.2
OG: MADS−box_SRF.HG1.2:BORCS8−MEF2I
PFAM: SRF−TF/HJURP_C
motif: ARCH1333_Mef2c/Mef2b/Mef2a/...
TF family: MADS−box_SRF
archetype family: MADS−box_SRF
CisBP assigned: TRUE
rank: 18
gene expression correlation: −0.0943
gene score correlation: −0.3844



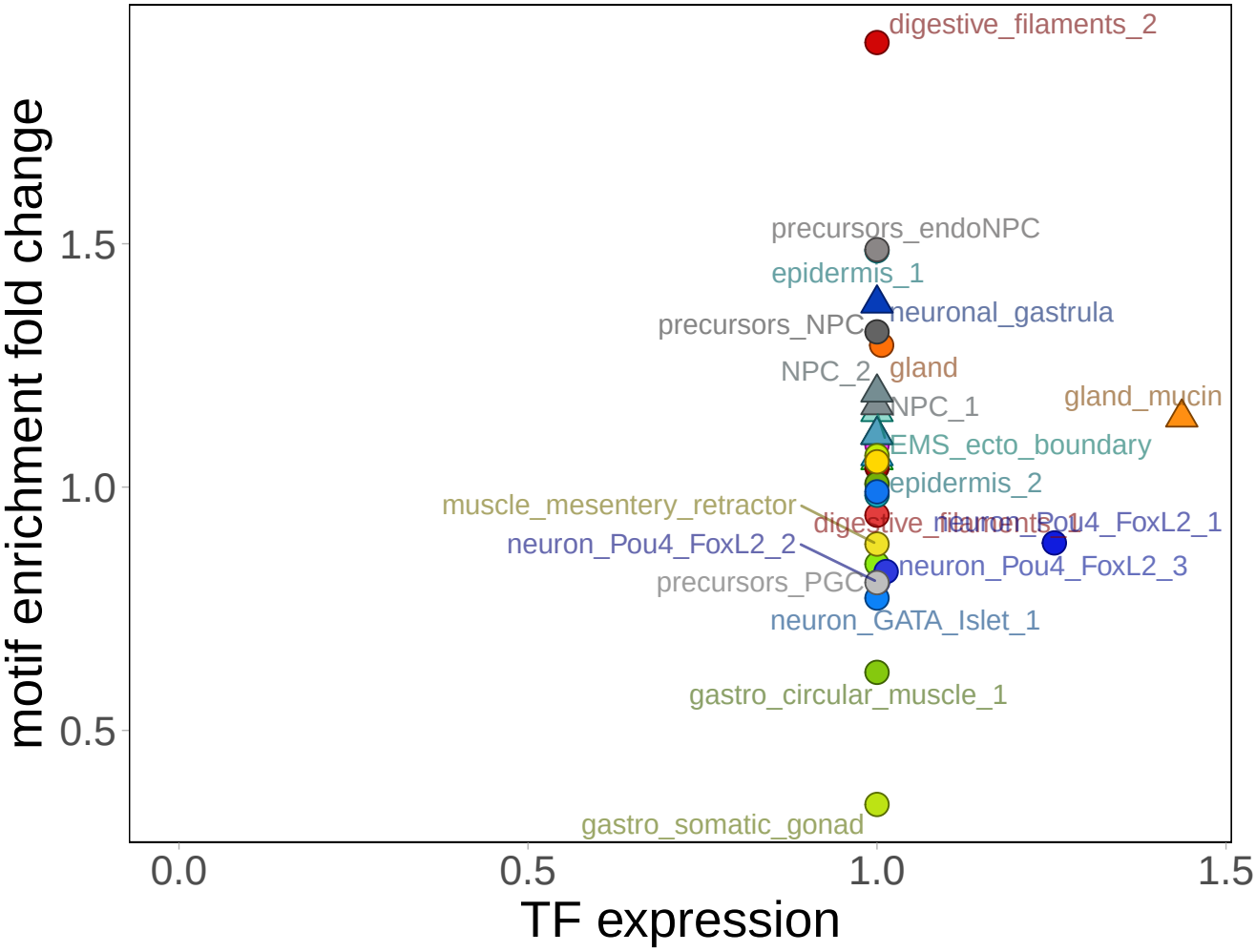
Nvec_vc1.1_XM_032378000.2
OG: Homeodomains.HG1.27:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1620
gene expression correlation: −0.1824
gene score correlation: −0.1590



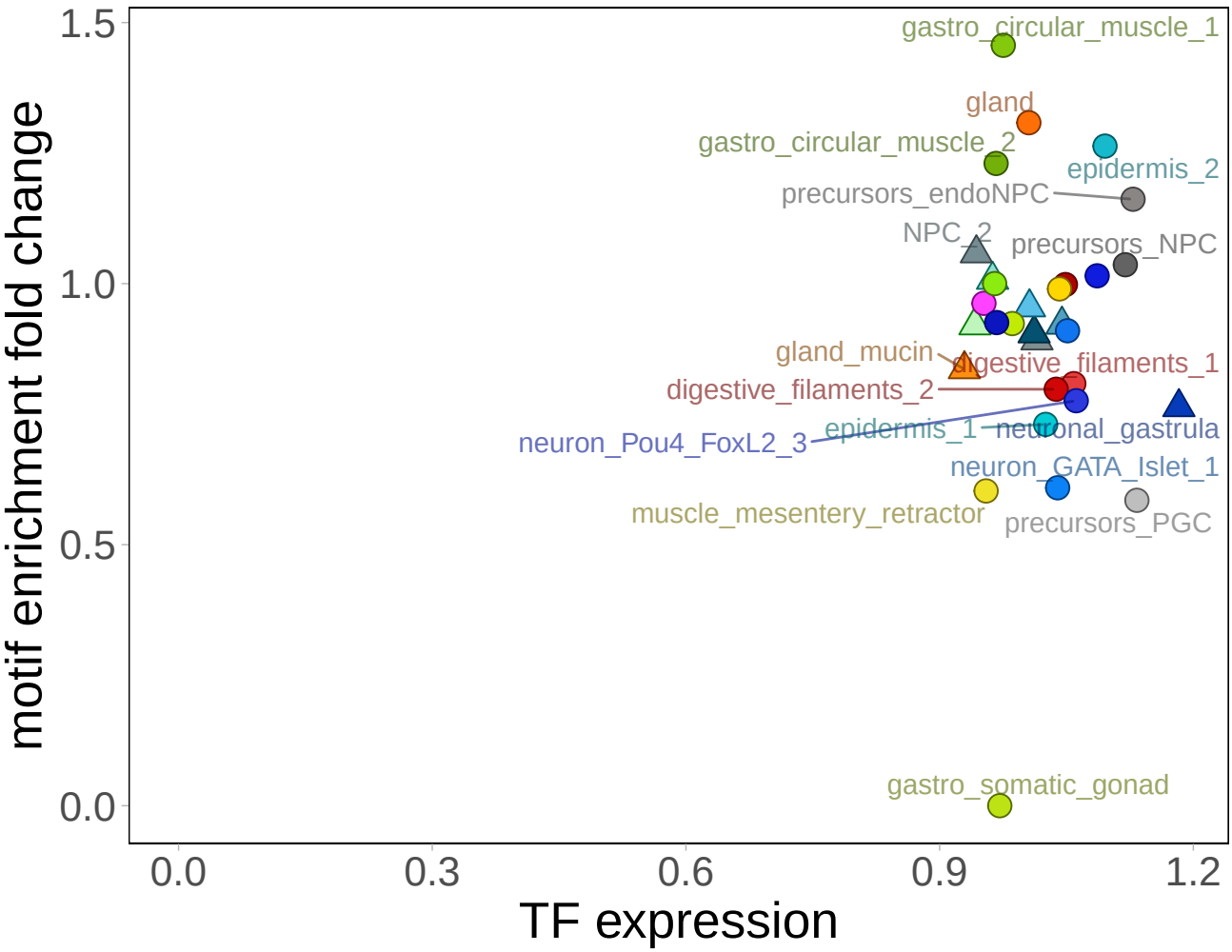
Nvec_vc1.1_XM_032378048.2
OG: zf−C4_Nuclear_receptors.HG1.31:NR2F1
PFAM: zf−C4/Hormone_recep
motif: ARCH1673_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 21
gene expression correlation: 0.3158
gene score correlation: 0.6442



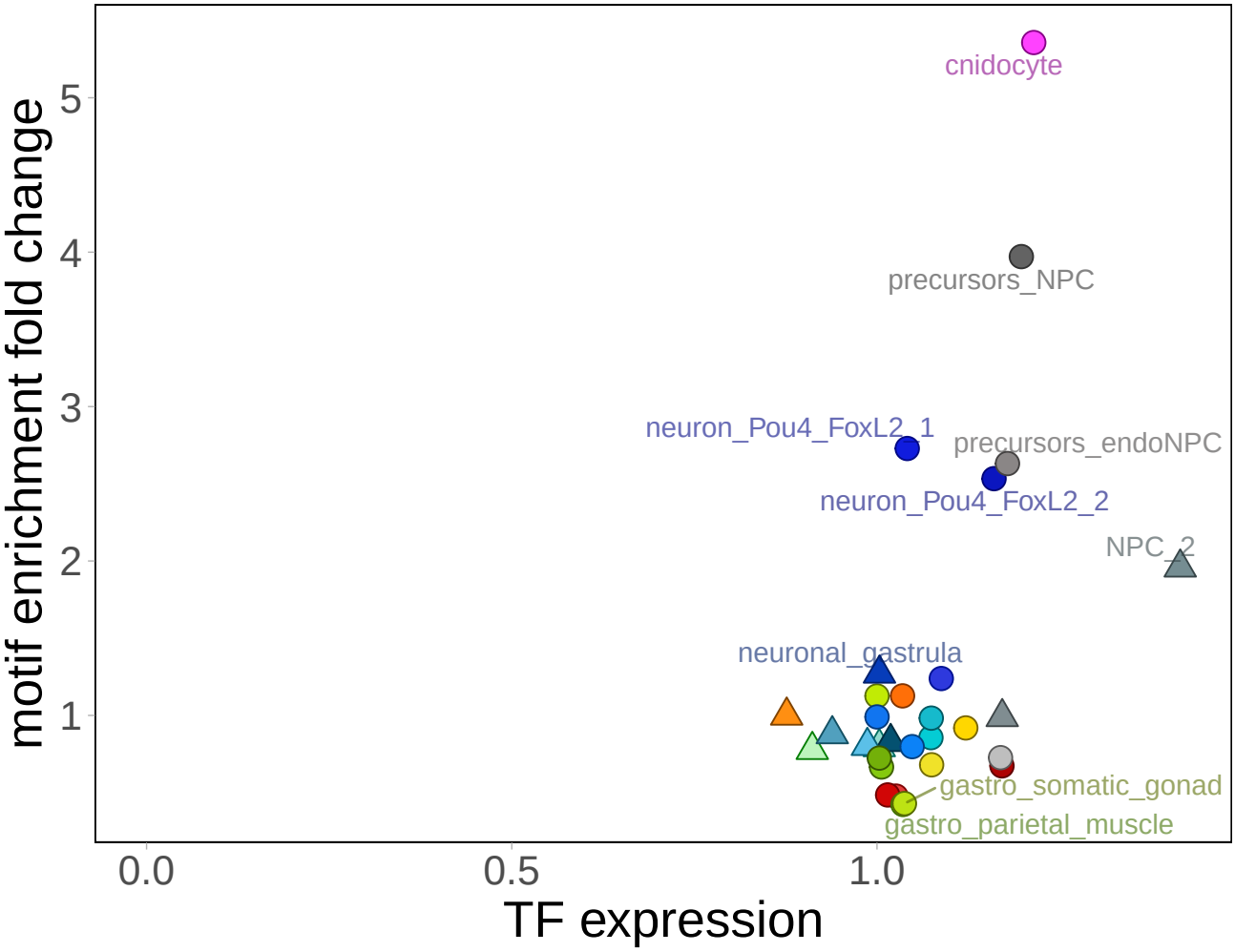
Nvec_vc1.1_XM_032378152.2
OG: HMGbox_Sox.HG1.1:SOX30
PFAM: HMG_box
motif: ARCH716_/Sox4/Sox11_Sox13/S...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 253
gene expression correlation: −0.0116
gene score correlation: 0.0252



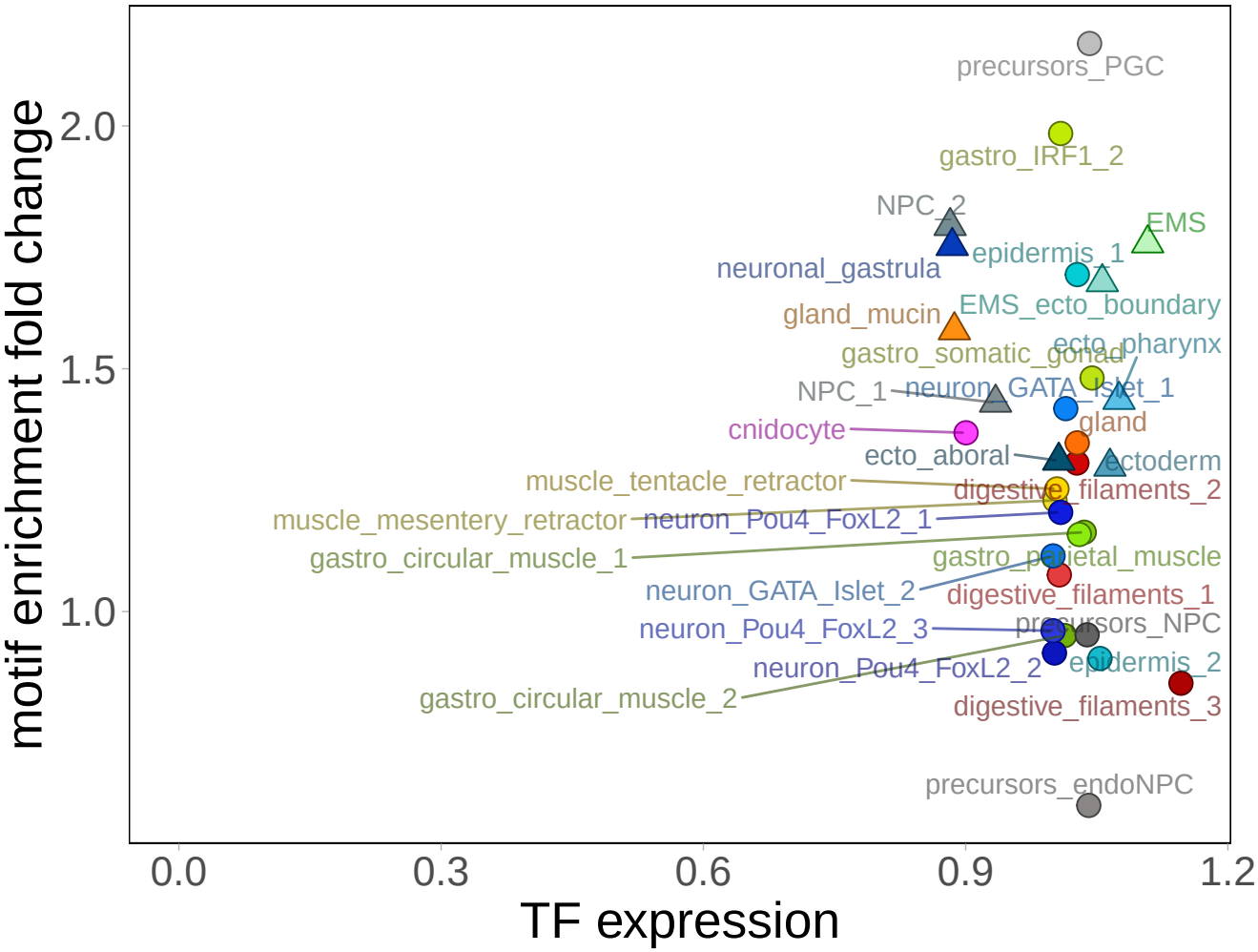
Nvec_vc1.1_XM_032378255.2
OG: zf−C2H2.HG105.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1370_M05856_2.00
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 868
gene expression correlation: −0.0106
gene score correlation: −0.1148



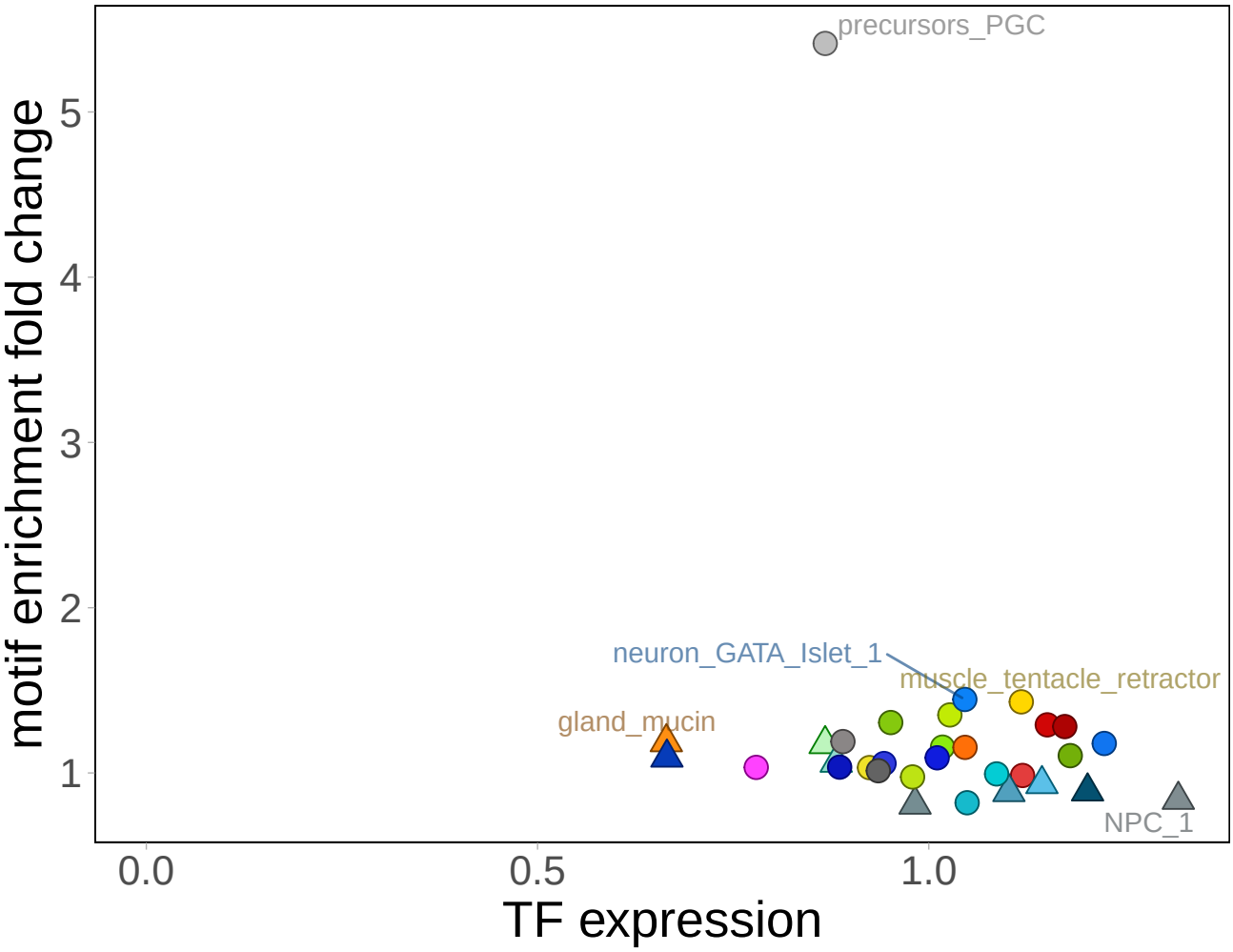
Nvec_vc1.1_XM_032378312.2
OG: zf−C2H2.HG119.1:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 119
gene expression correlation: 0.5035
gene score correlation: 0.5389



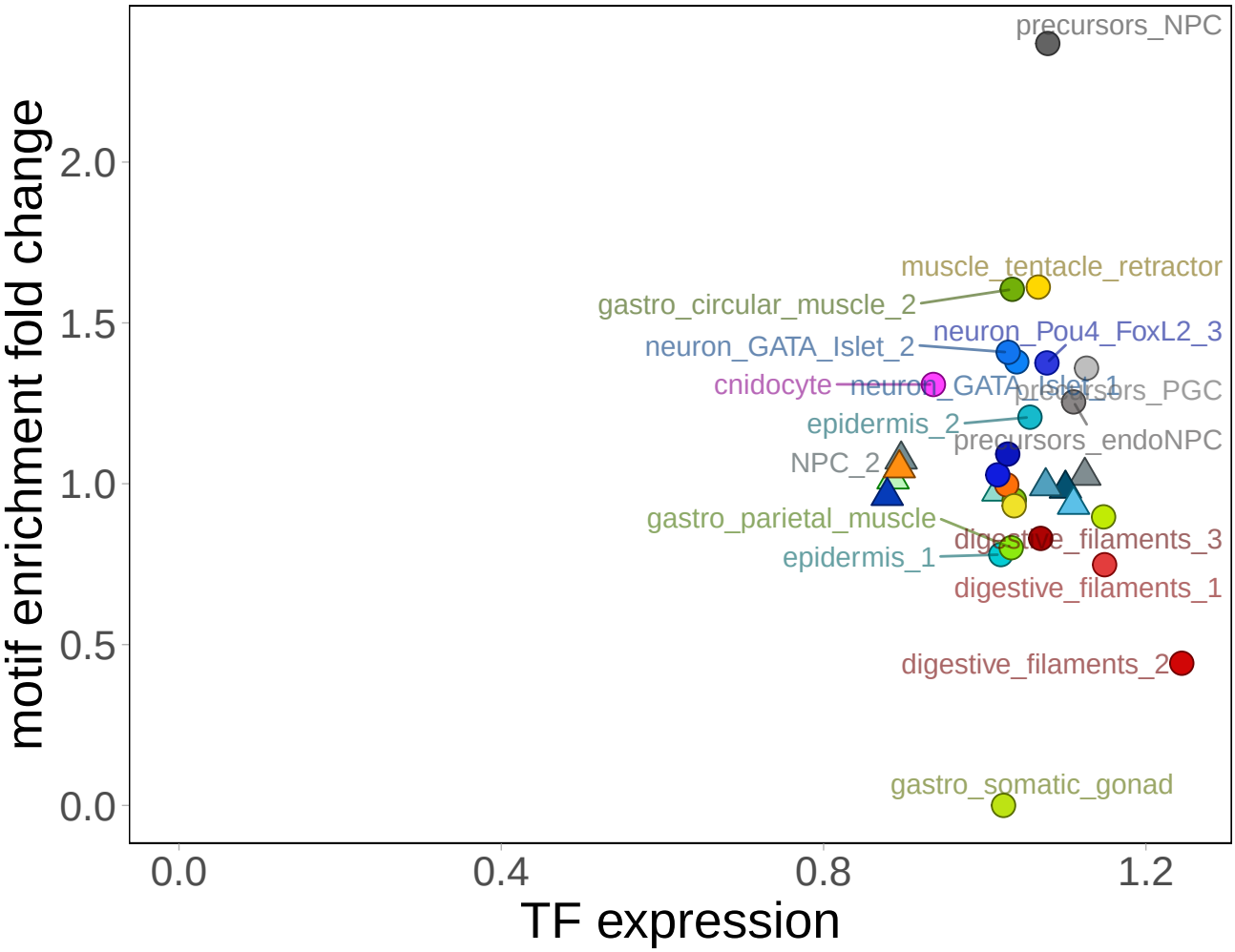
Nvec_vc1.1_XM_032378338.2
OG: zf−C2H2.HG2.0:like:MTF1/ZNF76/ZNF14
PFAM: zf−C2H2/zf−C2H2
motif: ARCH1609_Atf3/Jdp2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 539
gene expression correlation: −0.2581
gene score correlation: 0.1222



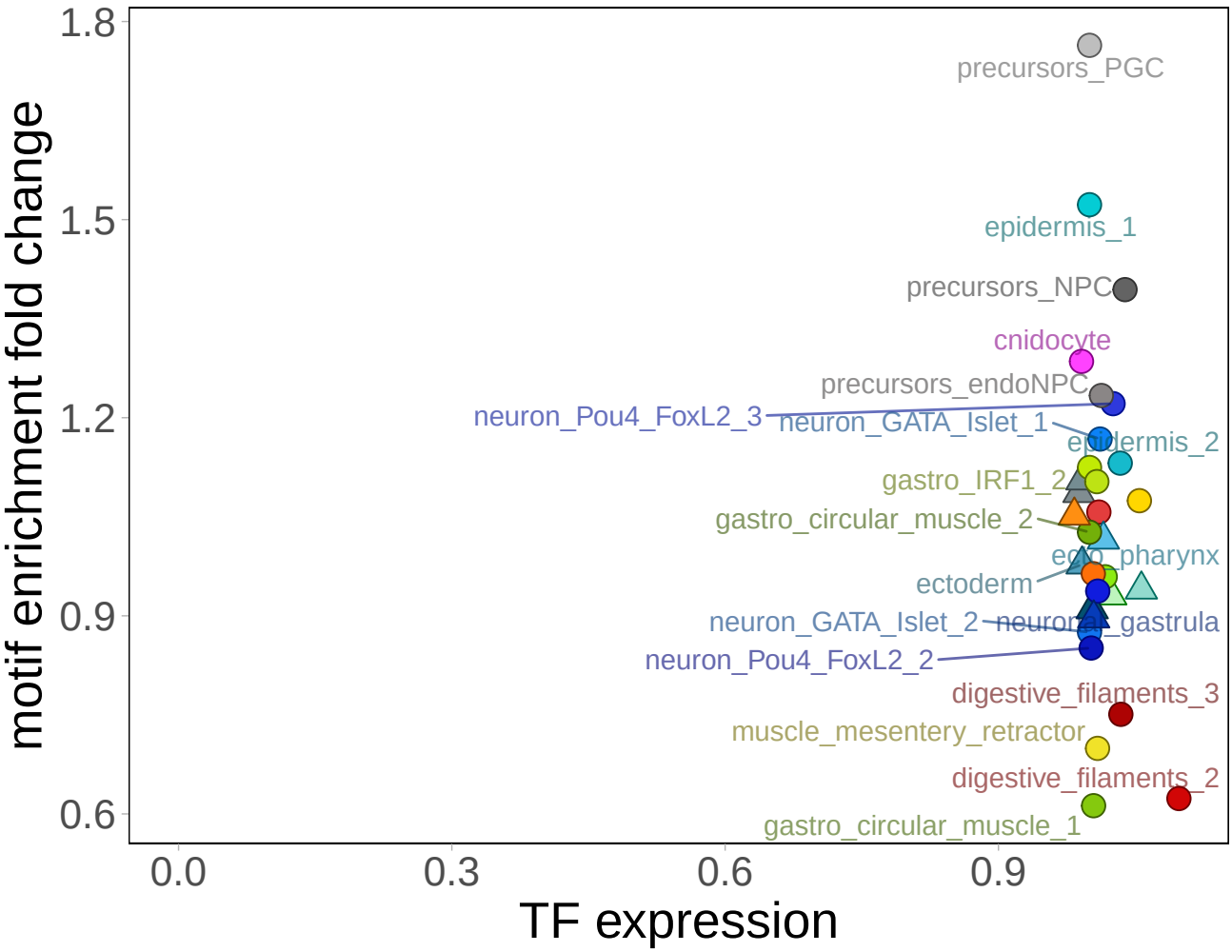
Nvec_vc1.1_XM_032378402.2
OG: E2F_TDP.HG1.1:TFDP1/TFDP2/TFDP3
PFAM: E2F_TDP/DP
motif: ARCH367_/E2f4_E2f6_E2f8/E2f...
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 342
gene expression correlation: −0.1841
gene score correlation: 0.0034



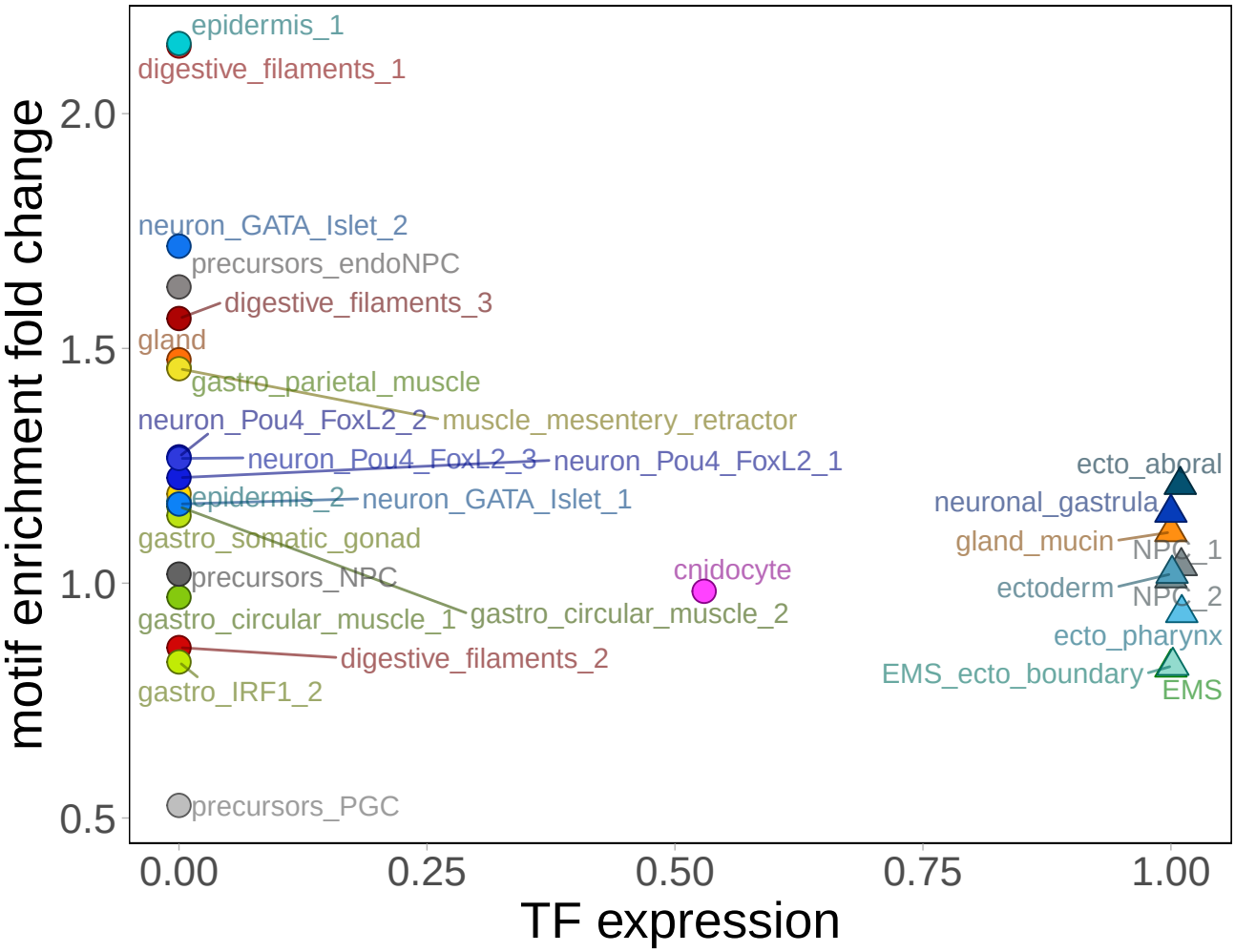
Nvec_vc1.1_XM_032378403.2
OG: zf−C2H2.HG1.209:like:AC008758.1/AC00
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH827_Vezf1/Maz
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 577
gene expression correlation: −0.0697
gene score correlation: 0.5105



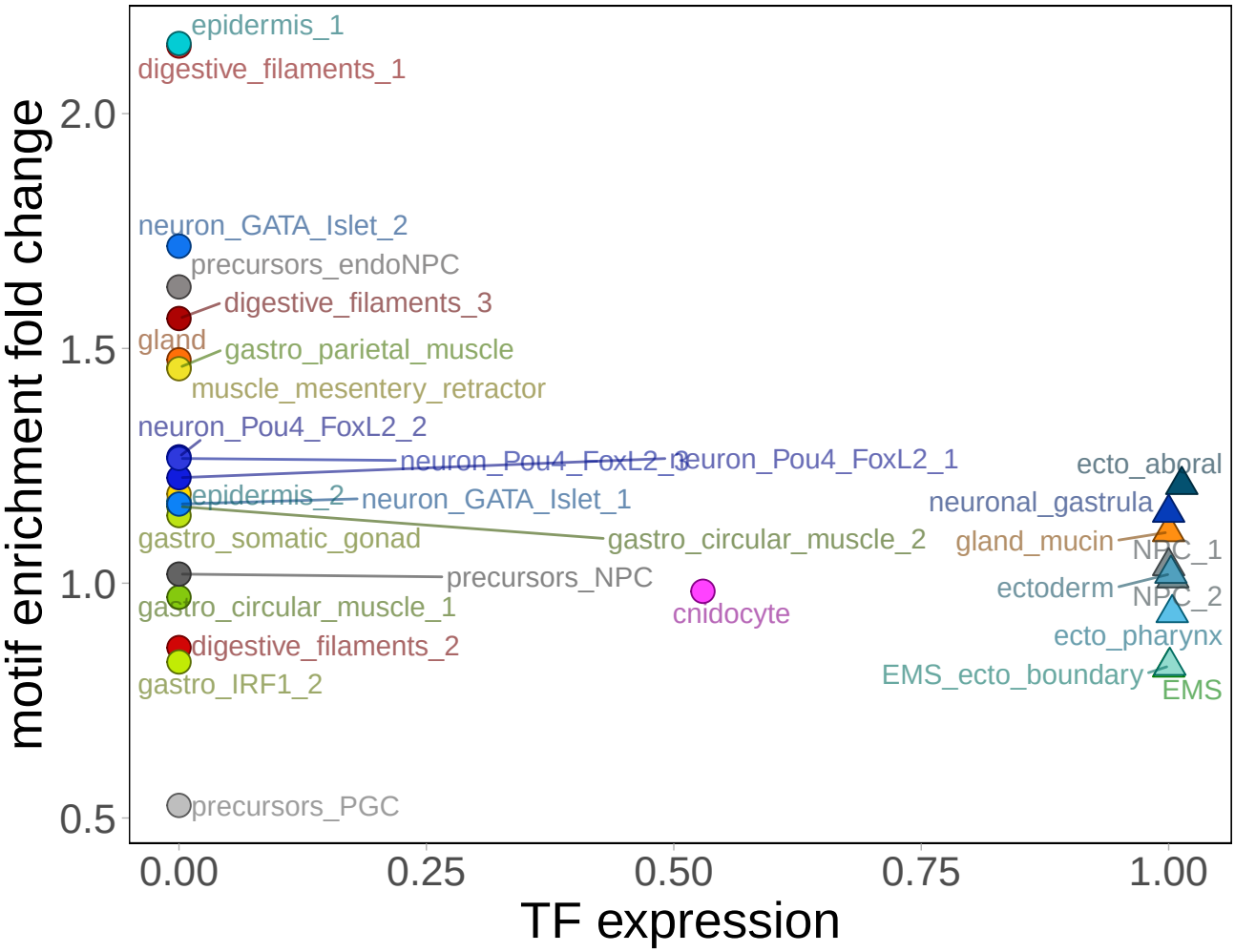
Nvec_vc1.1_XM_032378442.2
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSAI
PFAM: Myb_DNA−bind_4
motif: ARCH153_Msantd2_Rcor1/Rcor2...
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 563
gene expression correlation: −0.2535
gene score correlation: 0.3174



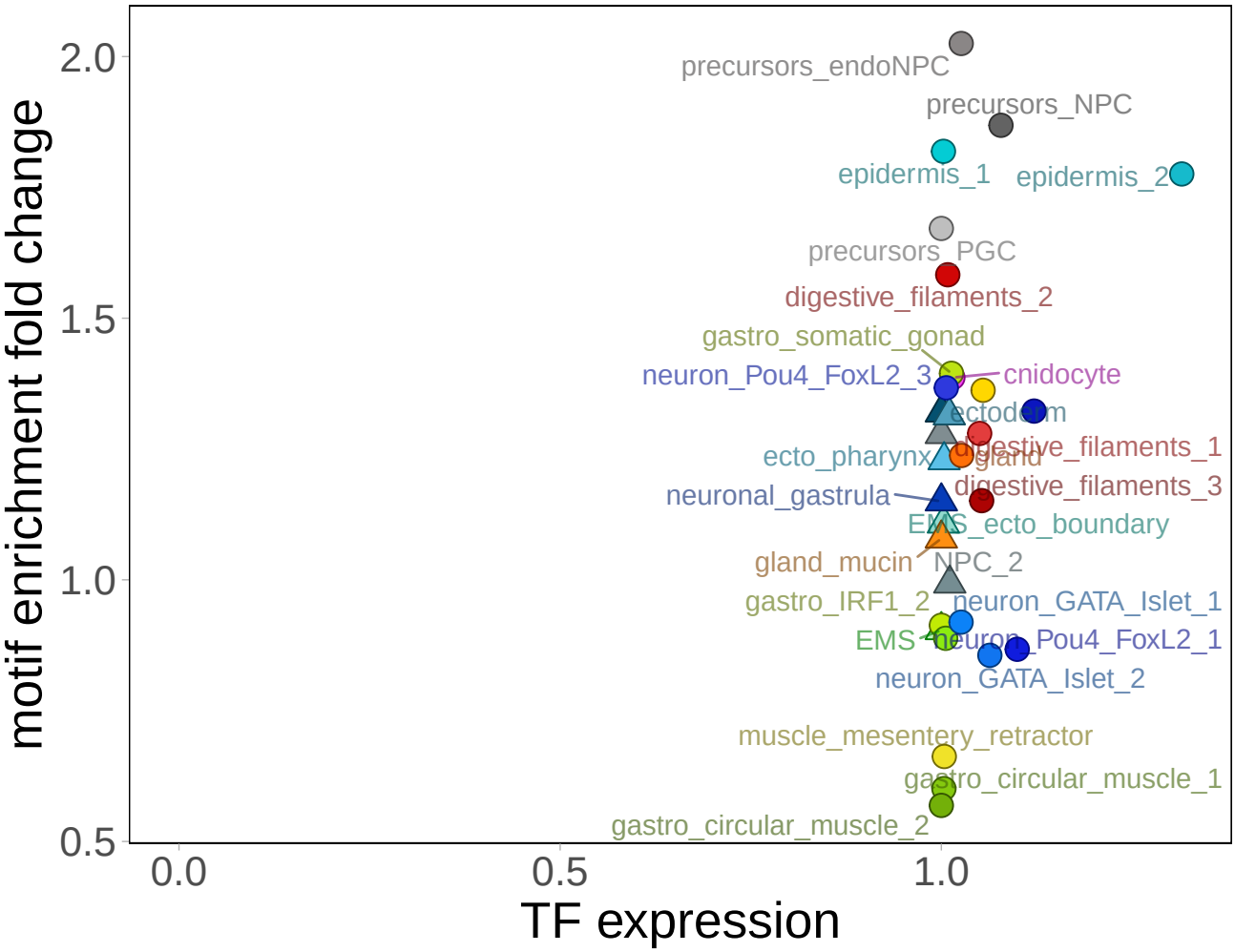
Nvec_vc1.1_XM_032378769.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 57
gene expression correlation: −0.3805
gene score correlation: −0.3805



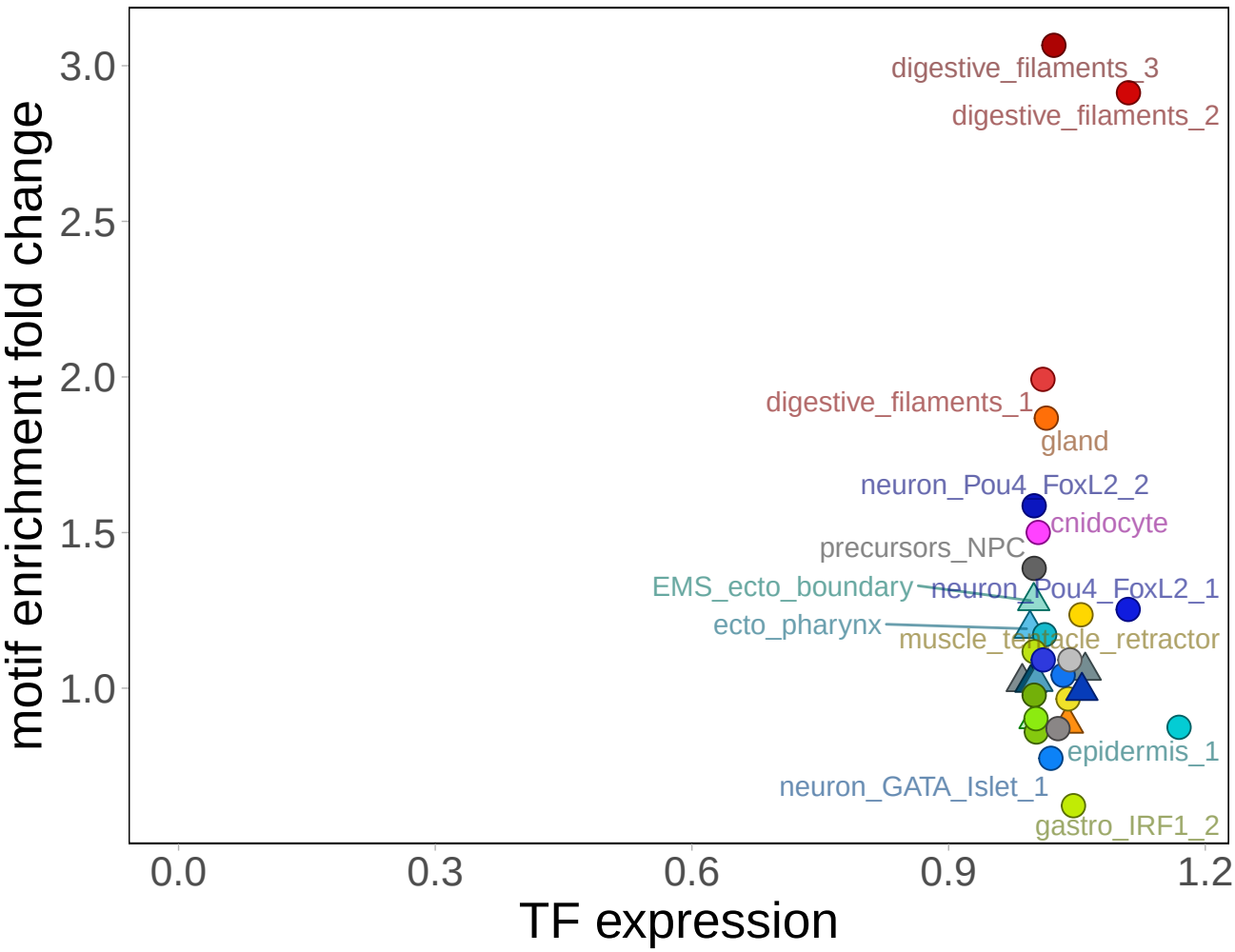
Nvec_vc1.1_XM_032378779.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 58
gene expression correlation: −0.3802
gene score correlation: −0.3882



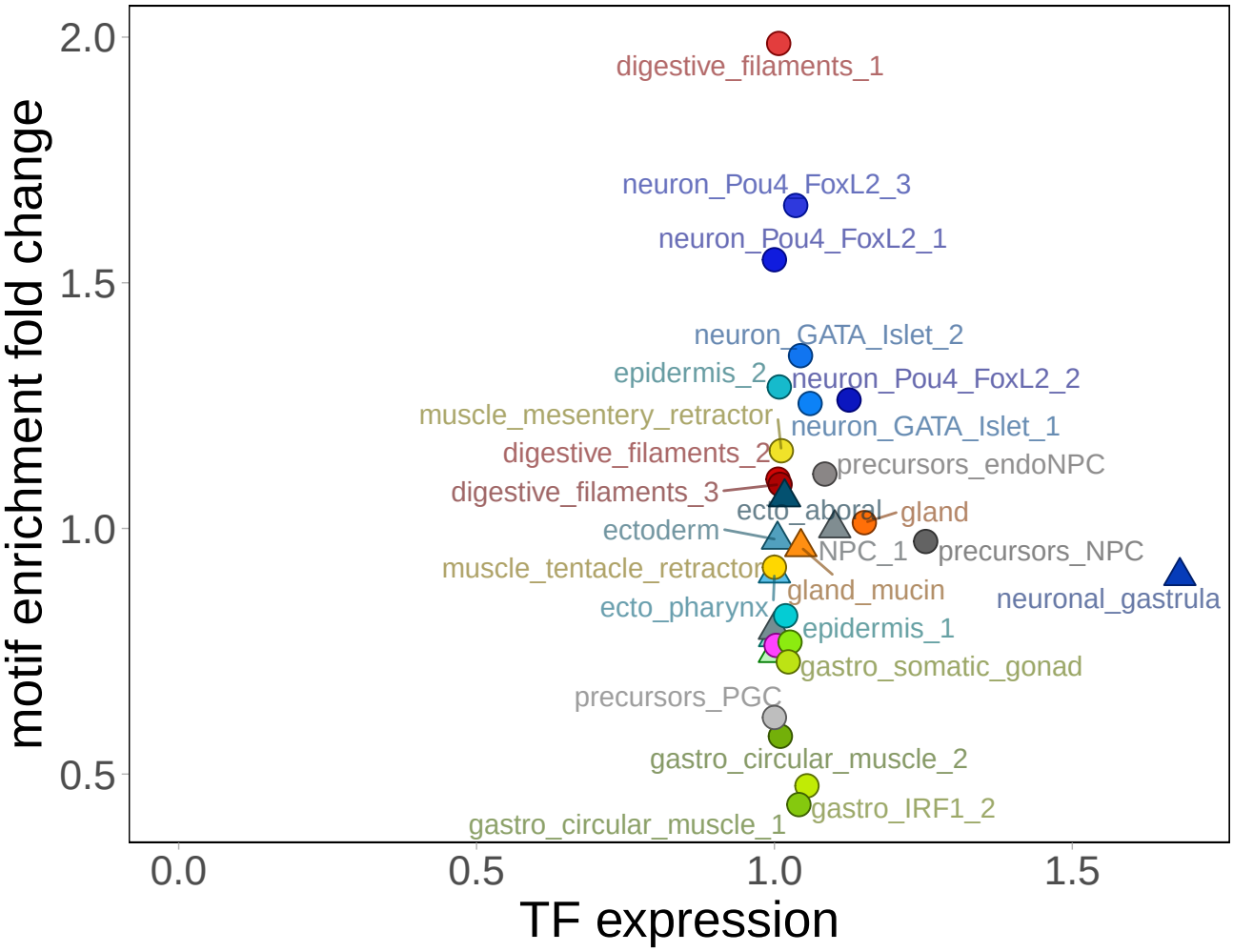
Nvec_vc1.1_XM_032378839.2
OG: Forkhead.HG1.14:like:FOXN1/FOXN2/FO
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.2963
gene score correlation: 0.4620



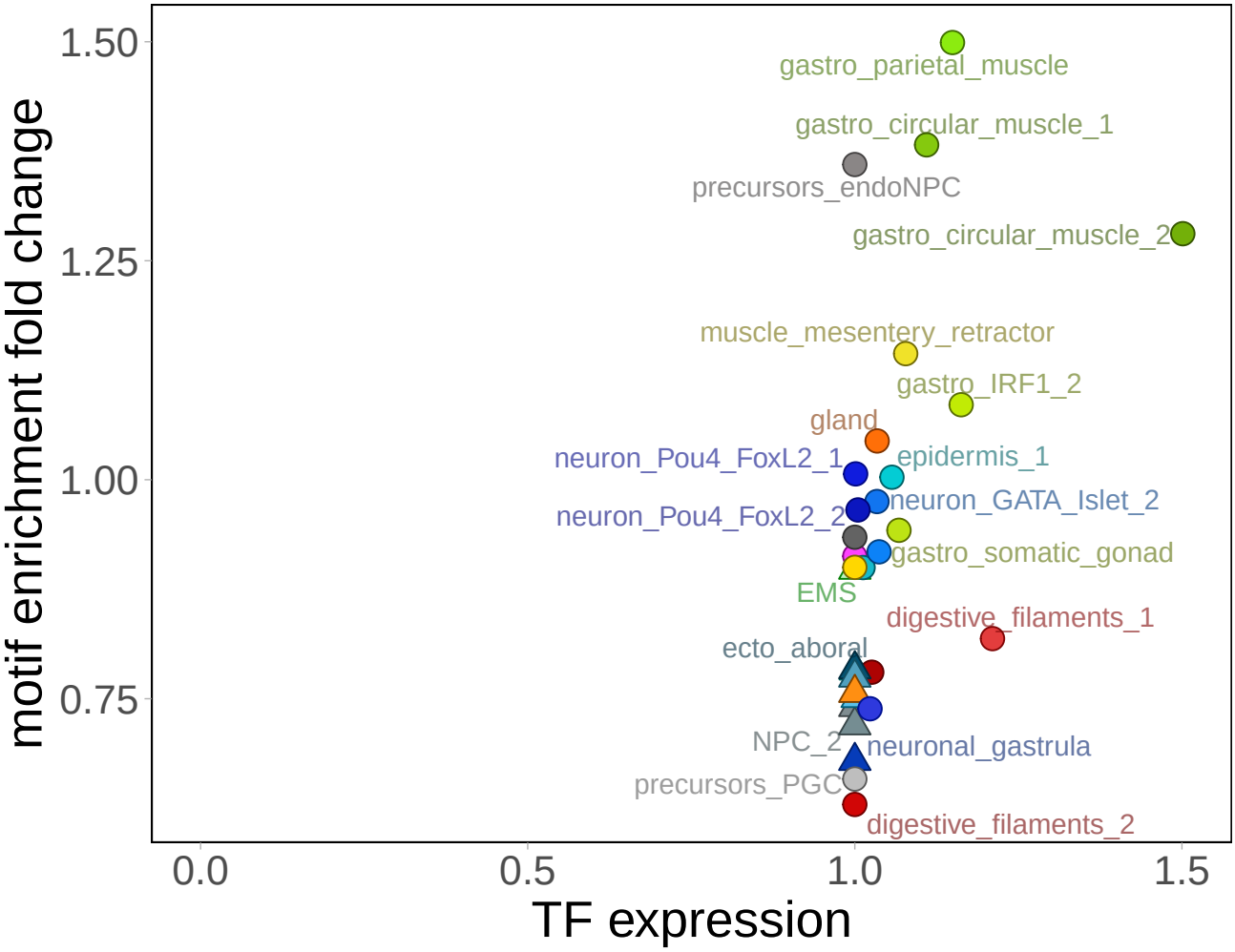
Nvec_vc1.1_XM_032379152.2
OG: Forkhead.HG1.13:like:FOXN1/FOXN2/FO
PFAM: Forkhead
motif: ARCH971_Foxc2/Foxc1_Foxd2/F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 62
gene expression correlation: 0.1048
gene score correlation: 0.2810



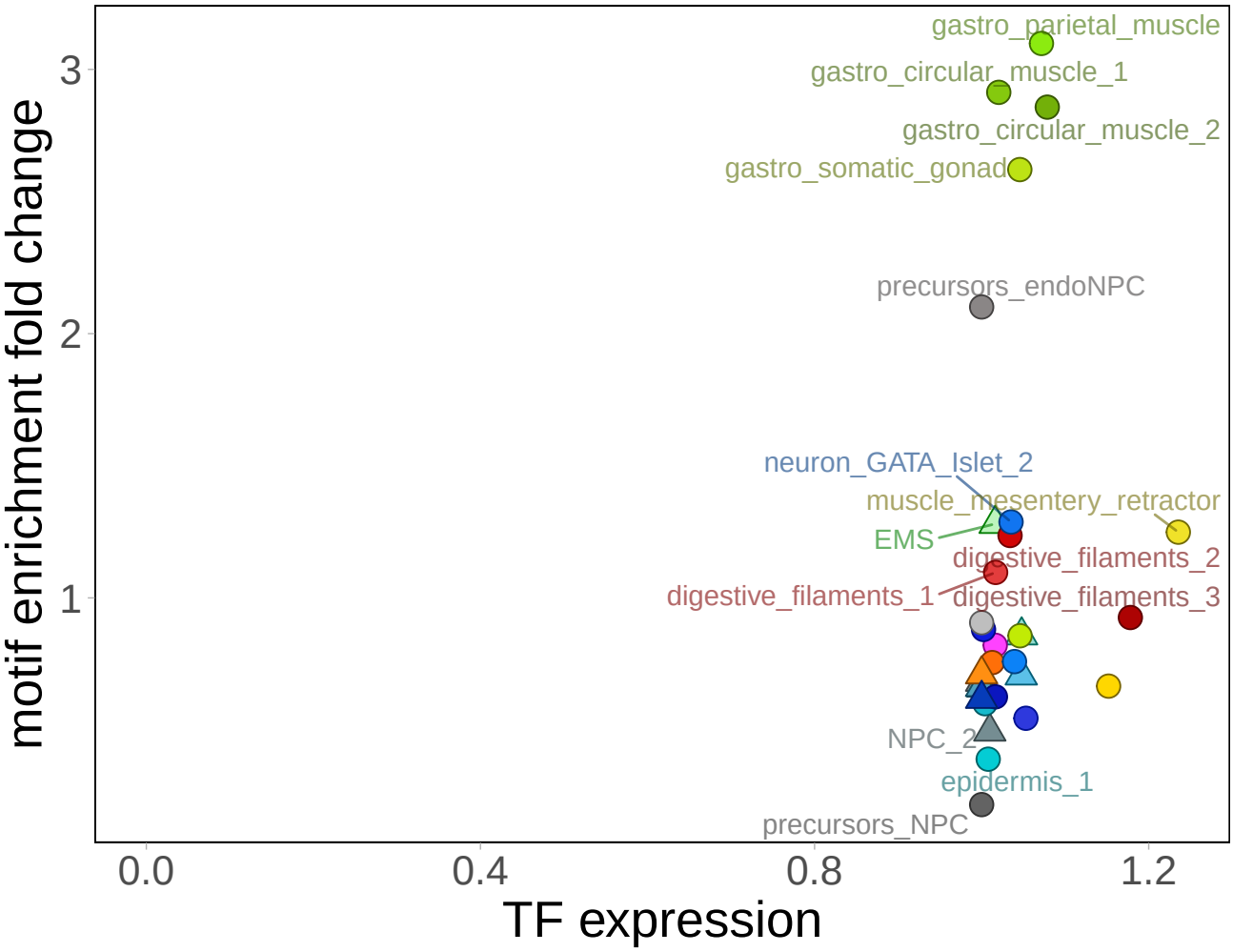
Nvec_vc1.1_XM_032379347.2
OG: Homeodomains.HG2.29:PAX4/PAX6
PFAM: PAX/Homeodomain
motif: ARCH63_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: TRUE
rank: 432
gene expression correlation: −0.0285
gene score correlation: 0.1241



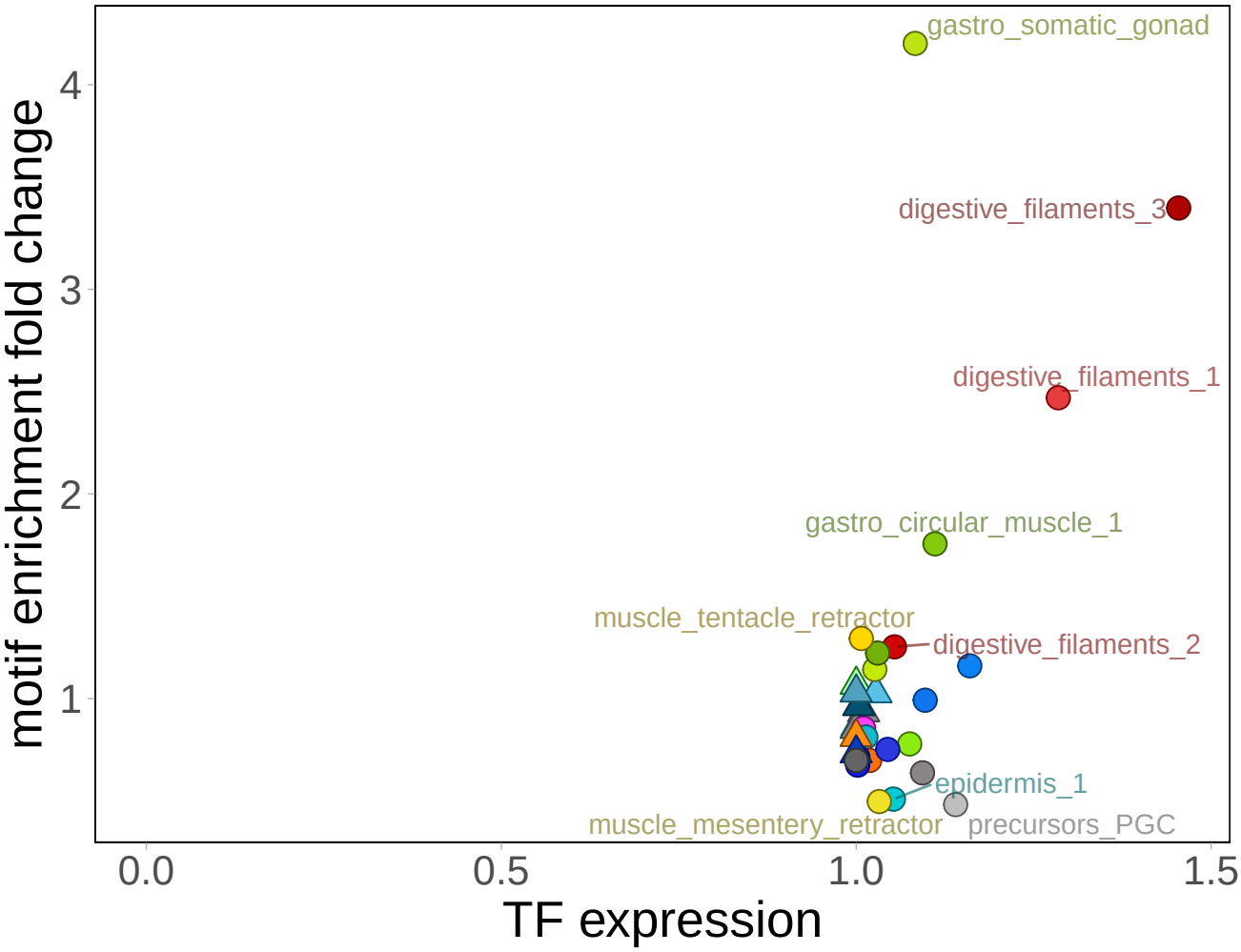
Nvec_vc1.1_XM_032379348.2
OG: Homeodomains.HG2.72:like:DMBX1
PFAM: Homeodomain
motif: ARCH636_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 26
gene expression correlation: 0.5045
gene score correlation: 0.3557



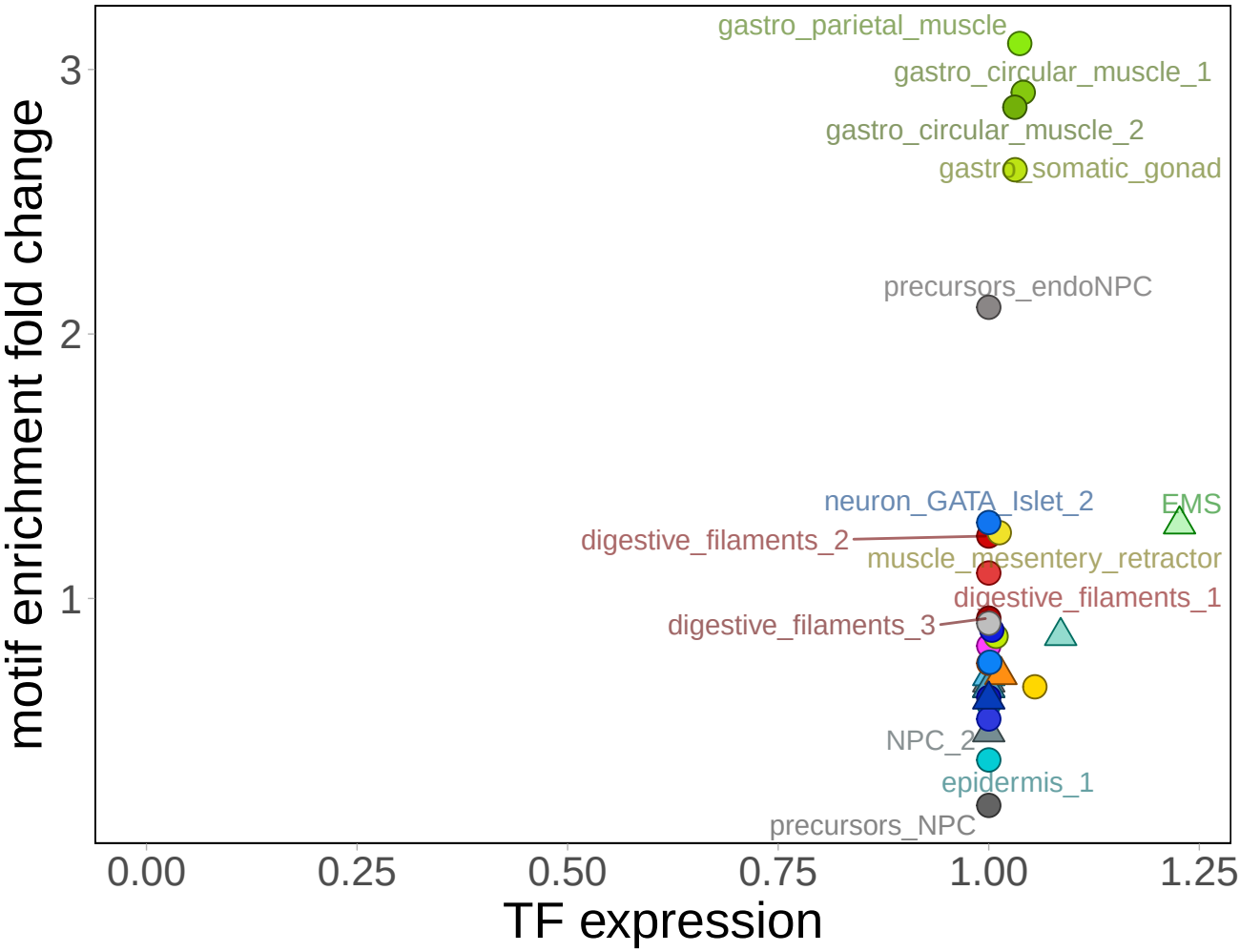
Nvec_vc1.1_XM_032379398.2
OG: Homeodomains.HG2.75:DMBX1
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 37
gene expression correlation: 0.1734
gene score correlation: 0.3870



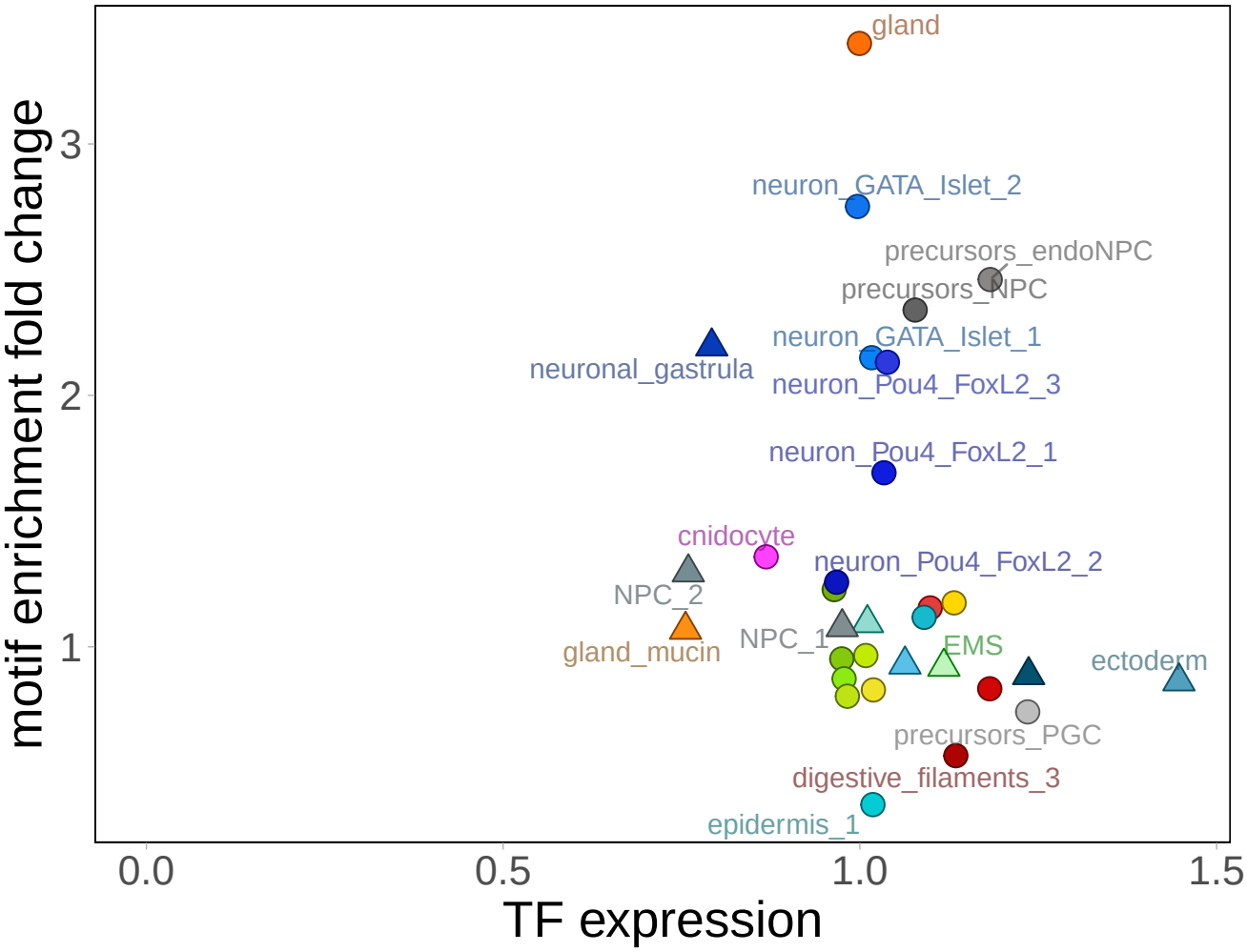
Nvec_vc1.1_XM_032379400.2
OG: Homeodomains.HG2.76:like:DMBX1
PFAM: Homeodomain
motif: ARCH1440_Dmbx1_Gsc2/Gsc//Ob...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.6219
gene score correlation: 0.3865



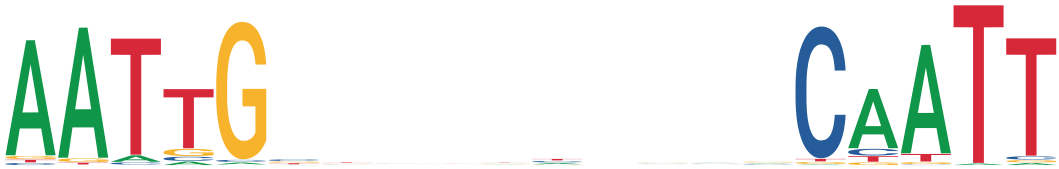
Nvec_vc1.1_XM_032379723.2
OG: Homeodomains.HG2.66:ALX1/ALX3/ALX4
PFAM: Homeodomain/OAR
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.2353
gene score correlation: 0.6115

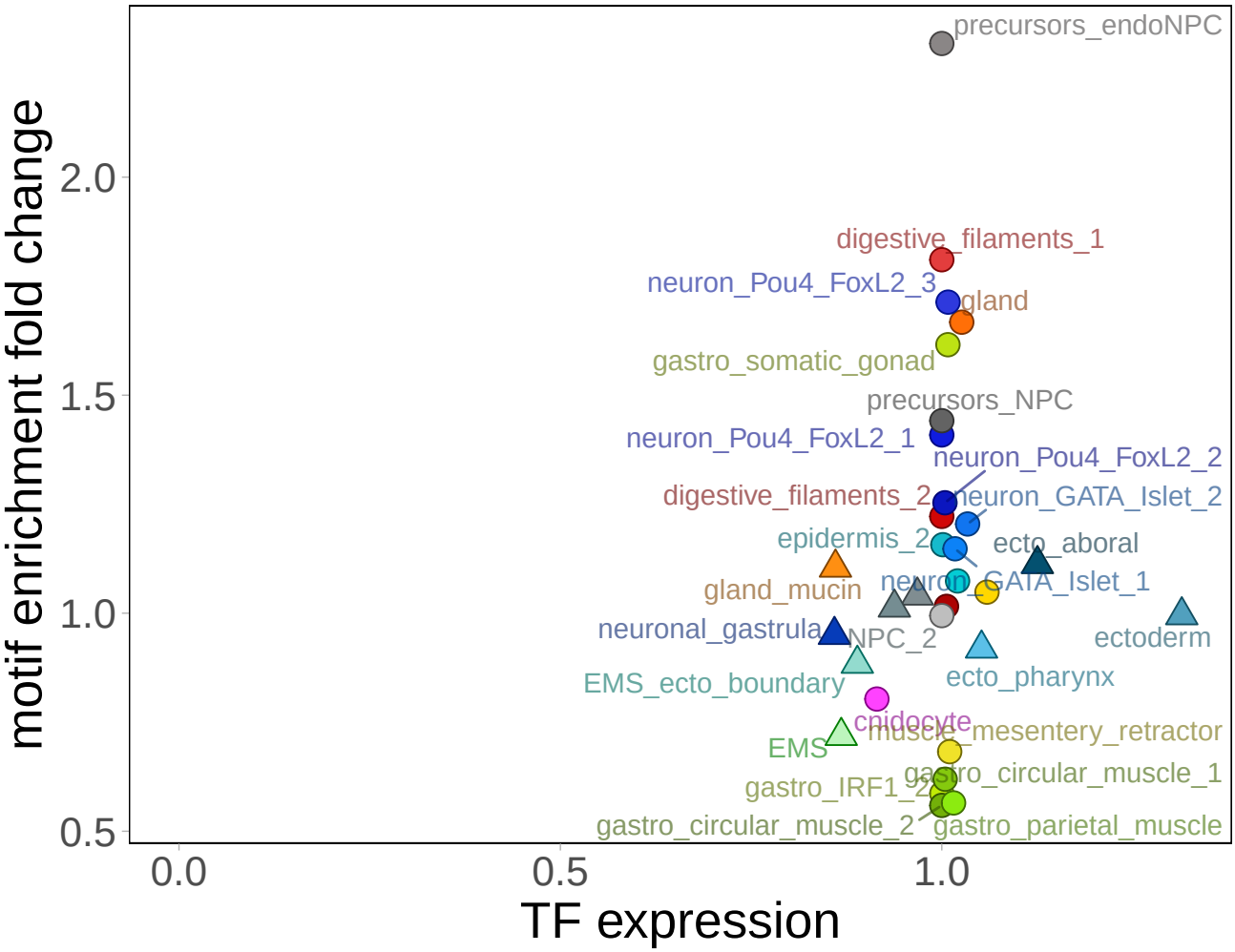


Nvec_vc1.1_XM_032379775.2
OG: HLH.HG1.16:TFAP4
PFAM: HLH
motif: ARCH745_Tfap4
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 1534
gene expression correlation: −0.1845
gene score correlation: −0.2969

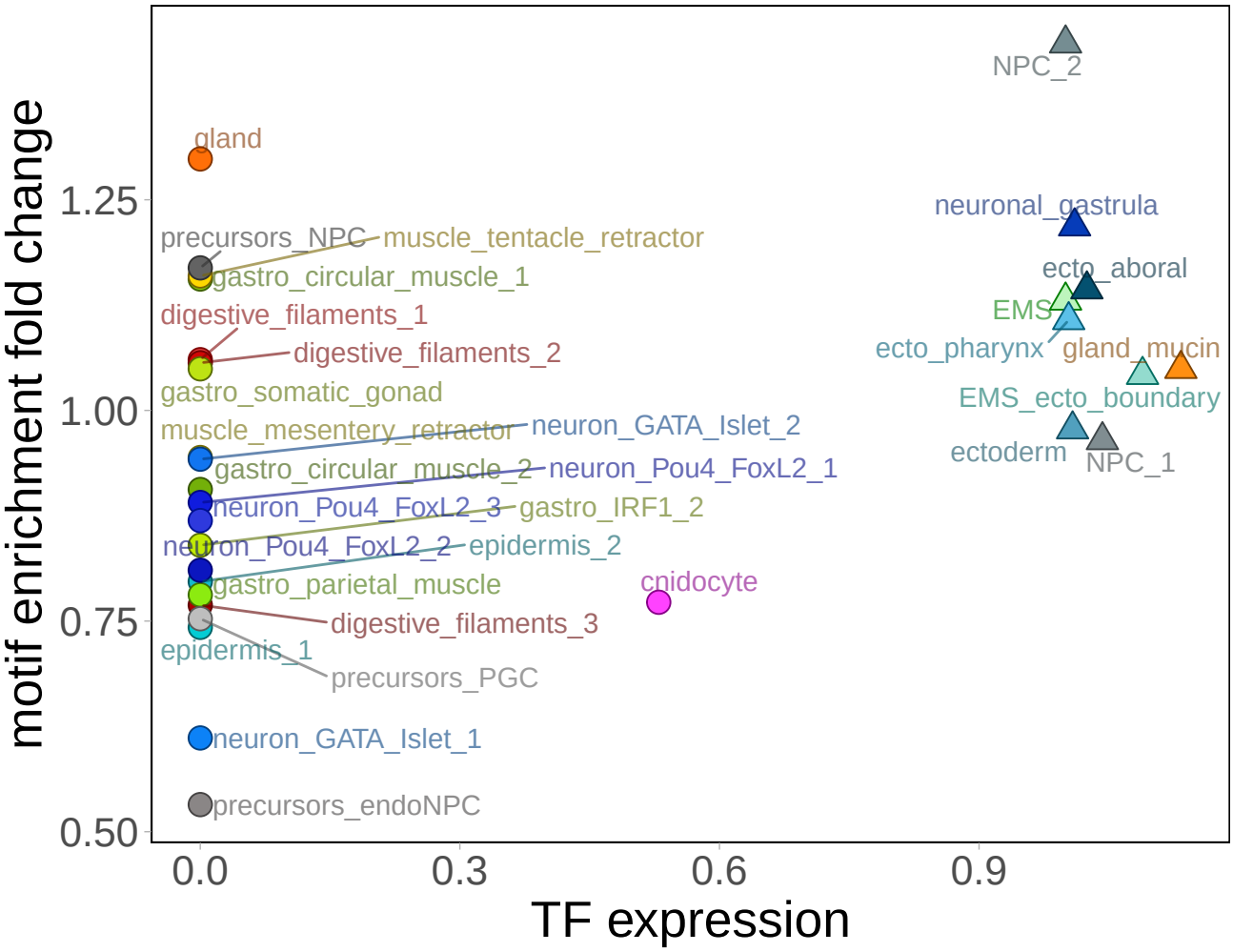


Nvec_vc1.1_XM_032380001.2
OG: Homeodomains.HG1.27:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH294_Emx1/Emx2_Hmx1/Hmx3...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1669
gene expression correlation: 0.0973
gene score correlation: −0.0685

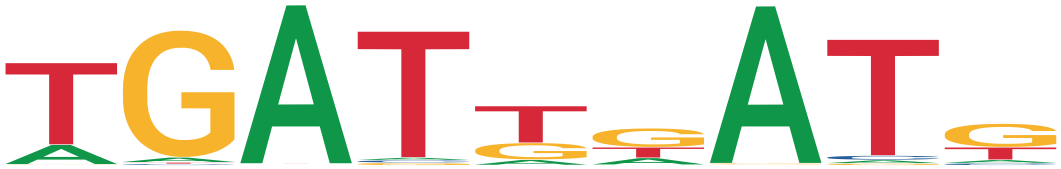


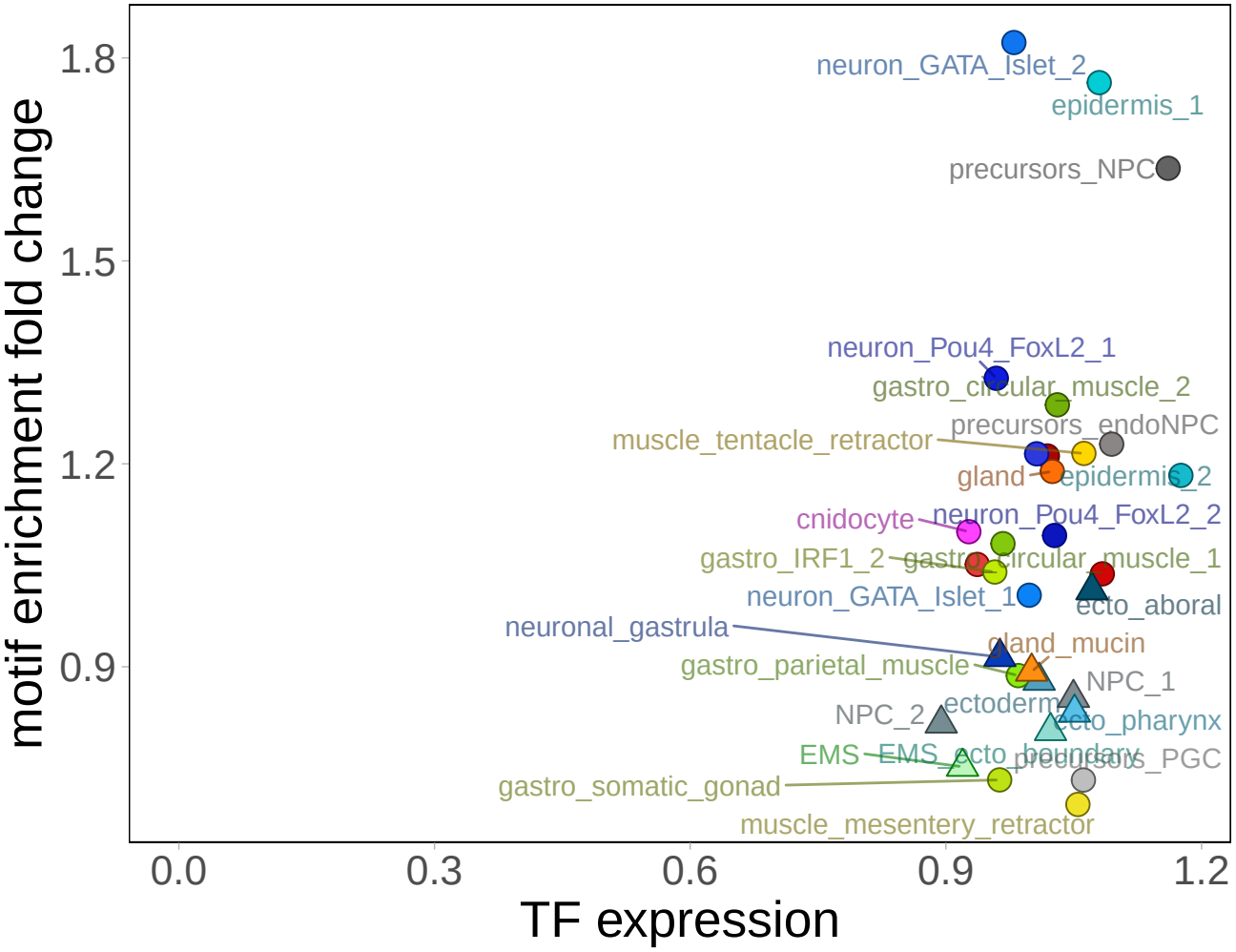


Nvec_vc1.1_XM_032380148.2
OG: T−box.HG1.2:like:MGA/TBX1/TBX2/TBX3
PFAM: T−box
motif: ARCH485_Tbx3/Tbx2
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4442
gene score correlation: 0.4053

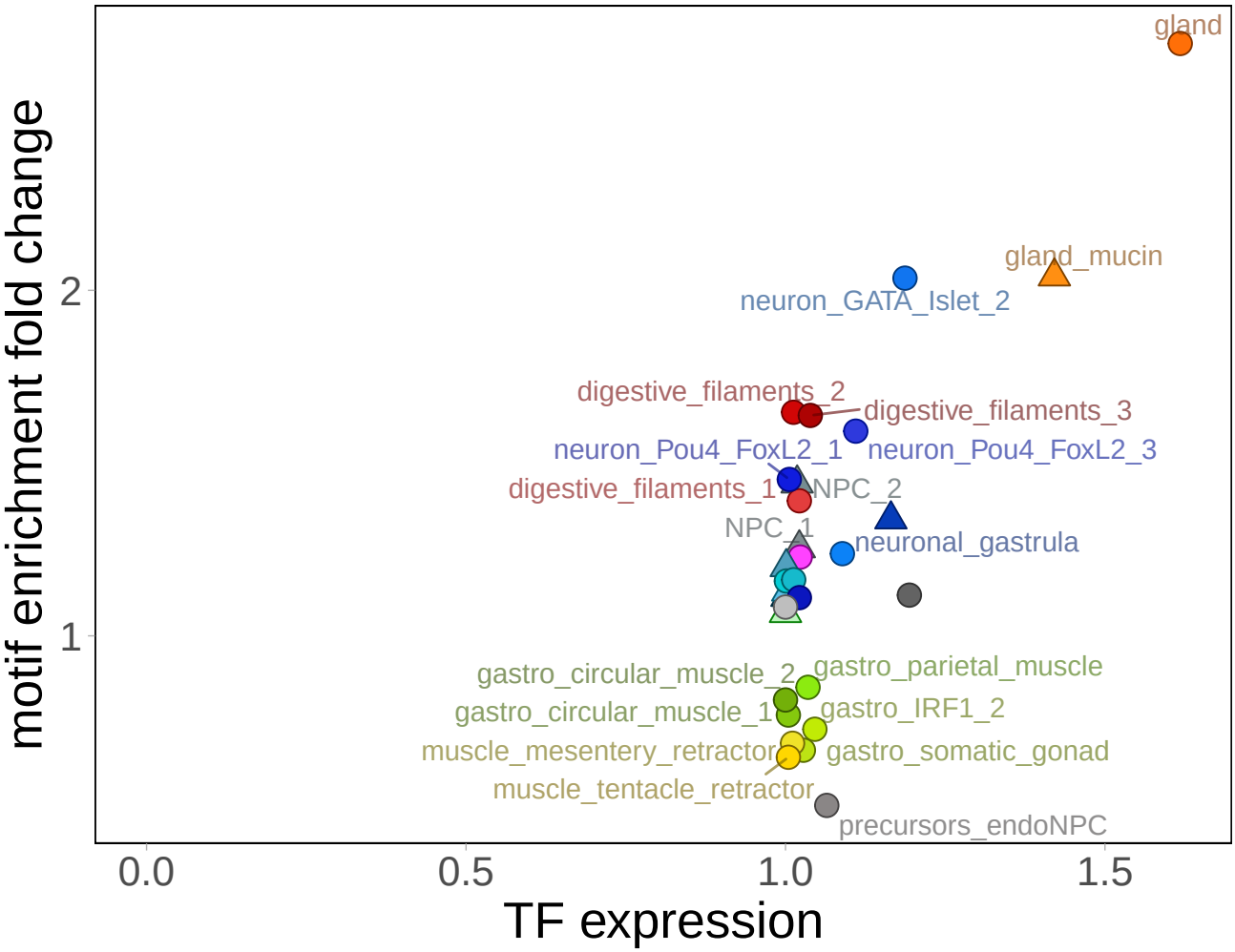


Nvec_vc1.1_XM_032380190.2
OG: Homeodomains.HG3.20:MEIS1/MEIS2/M
PFAM: Meis_PKNOX_N/Homeobox_KN
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 214
gene expression correlation: 0.3053
gene score correlation: 0.4003

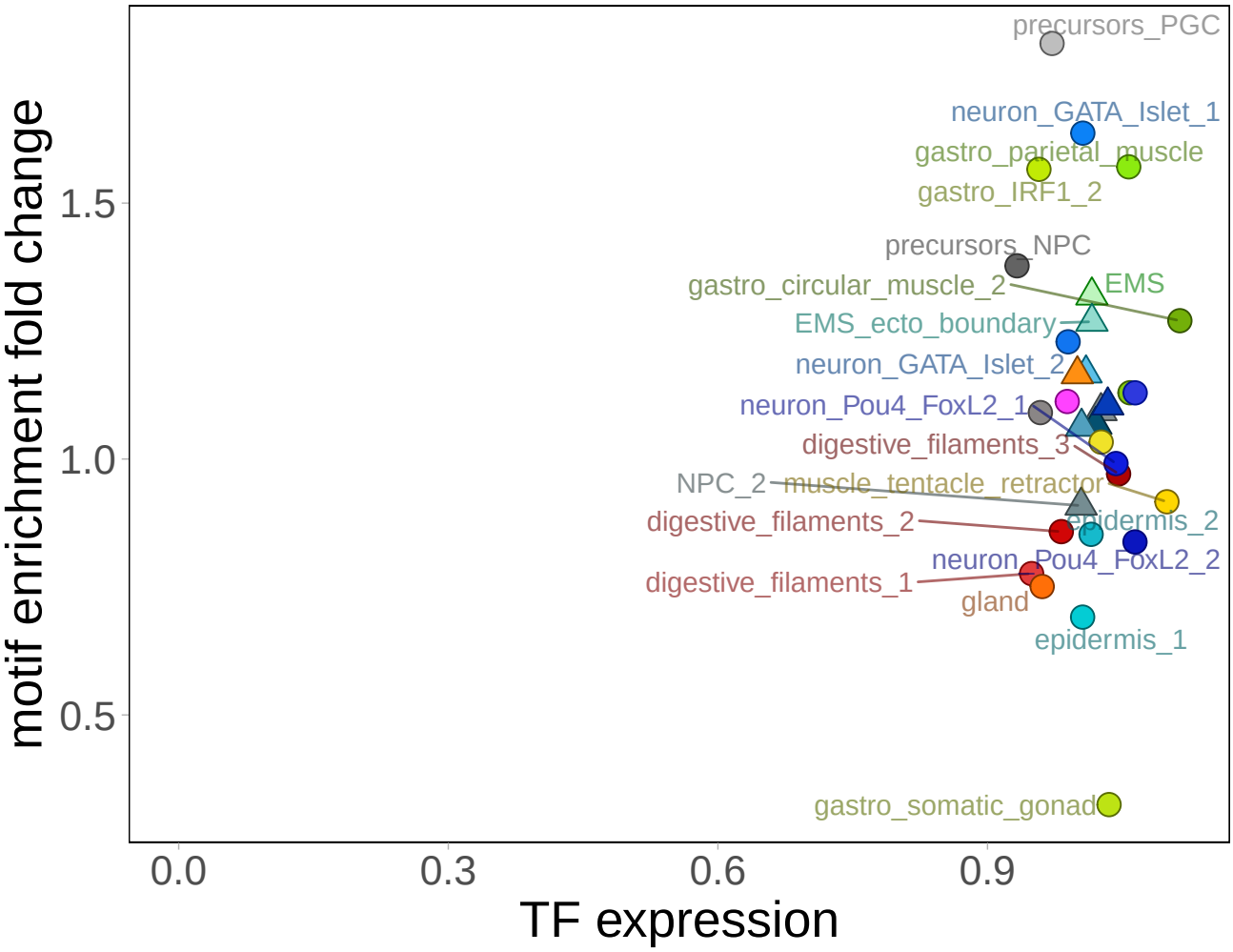




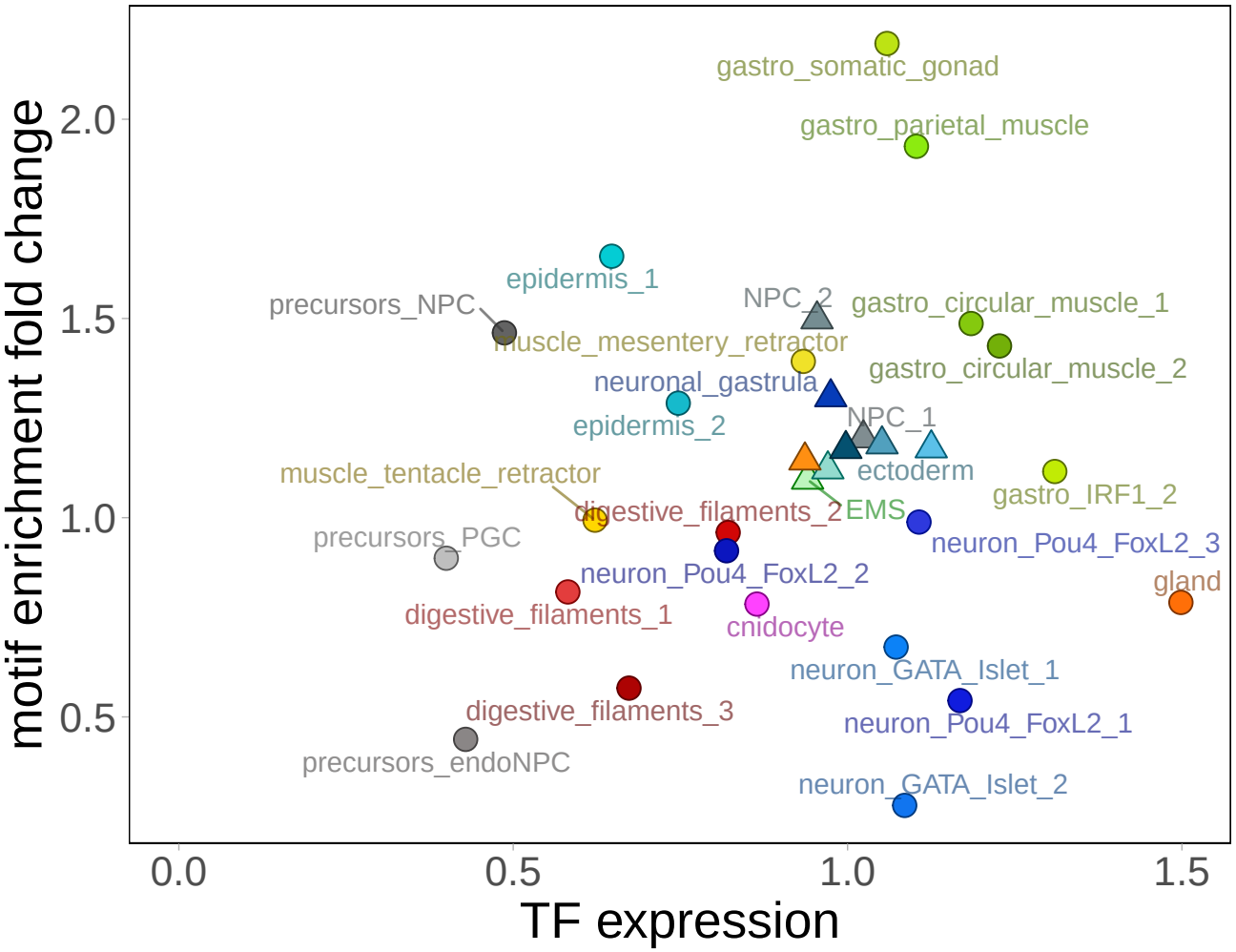
Nvec_vc1.1_XM_032380334.2
OG: RFX.HG1.6:like:RFX6
PFAM: RFX_DNA_binding
motif: ARCH864_/Rfx5
TF family: RFX
archetype family: RFX
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.7350
gene score correlation: 0.6505



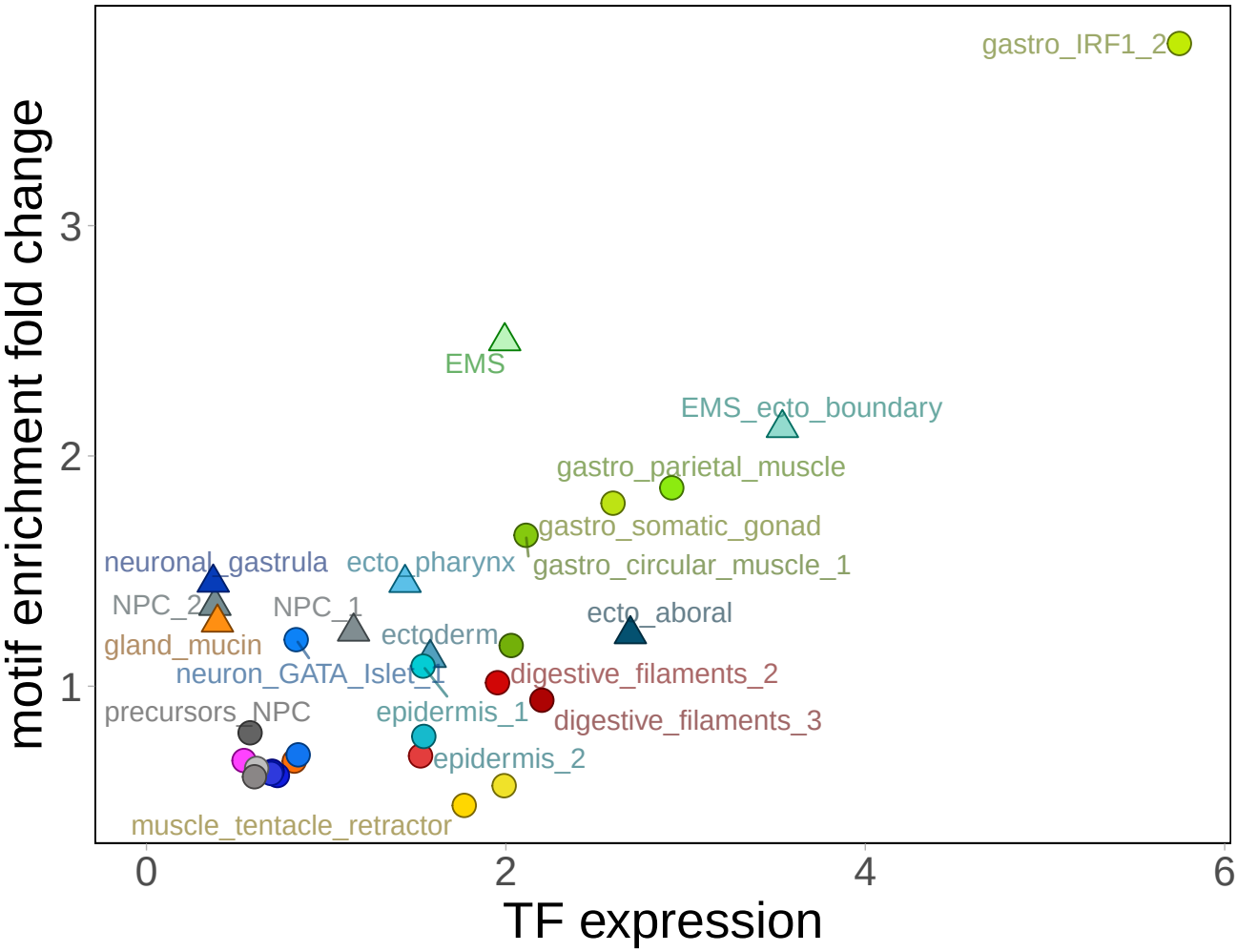
Nvec_vc1.1_XM_032380735.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 328
gene expression correlation: −0.1240
gene score correlation: 0.1884



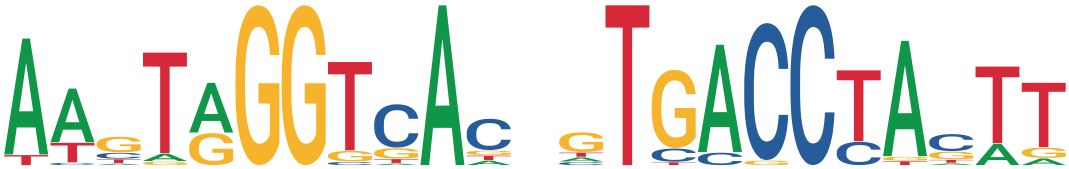
Nvec_vc1.1_XM_032380829.2
OG: zf−C4_Nuclear_receptors.HG1.2:NR2C1/
PFAM: zf−C4/Hormone_recep
motif: ARCH1497_Hnf4g/Hnf4a_Nr2c1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 173
gene expression correlation: 0.1343
gene score correlation: 0.2706

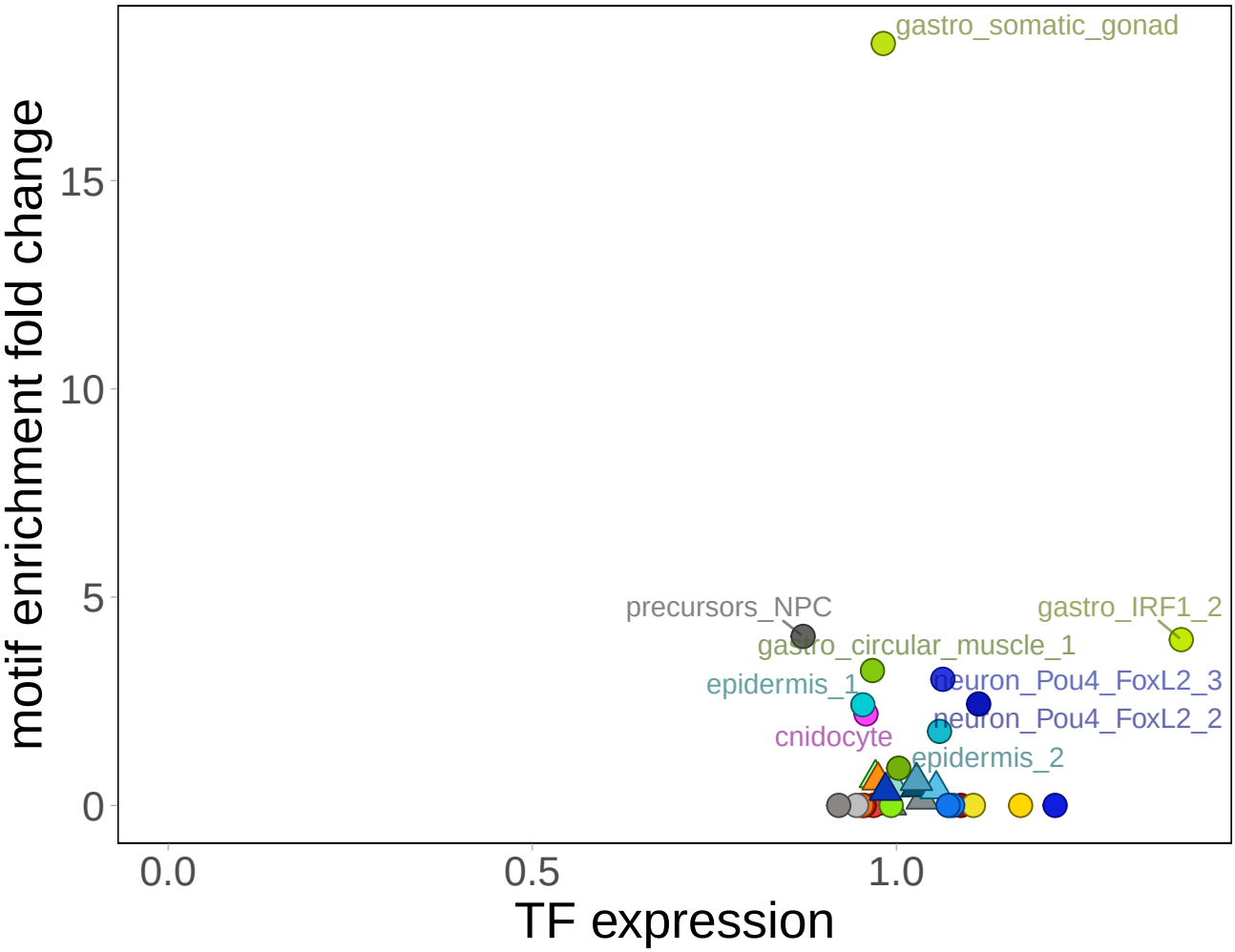


Nvec_vc1.1_XM_032380975.2
OG: Ets.HG1.5:ERF/ERFL/ERG/ETV3/ETV3L/
PFAM: SAM_PNT/Ets
motif: ARCH584_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 162
gene expression correlation: 0.7576
gene score correlation: 0.4423

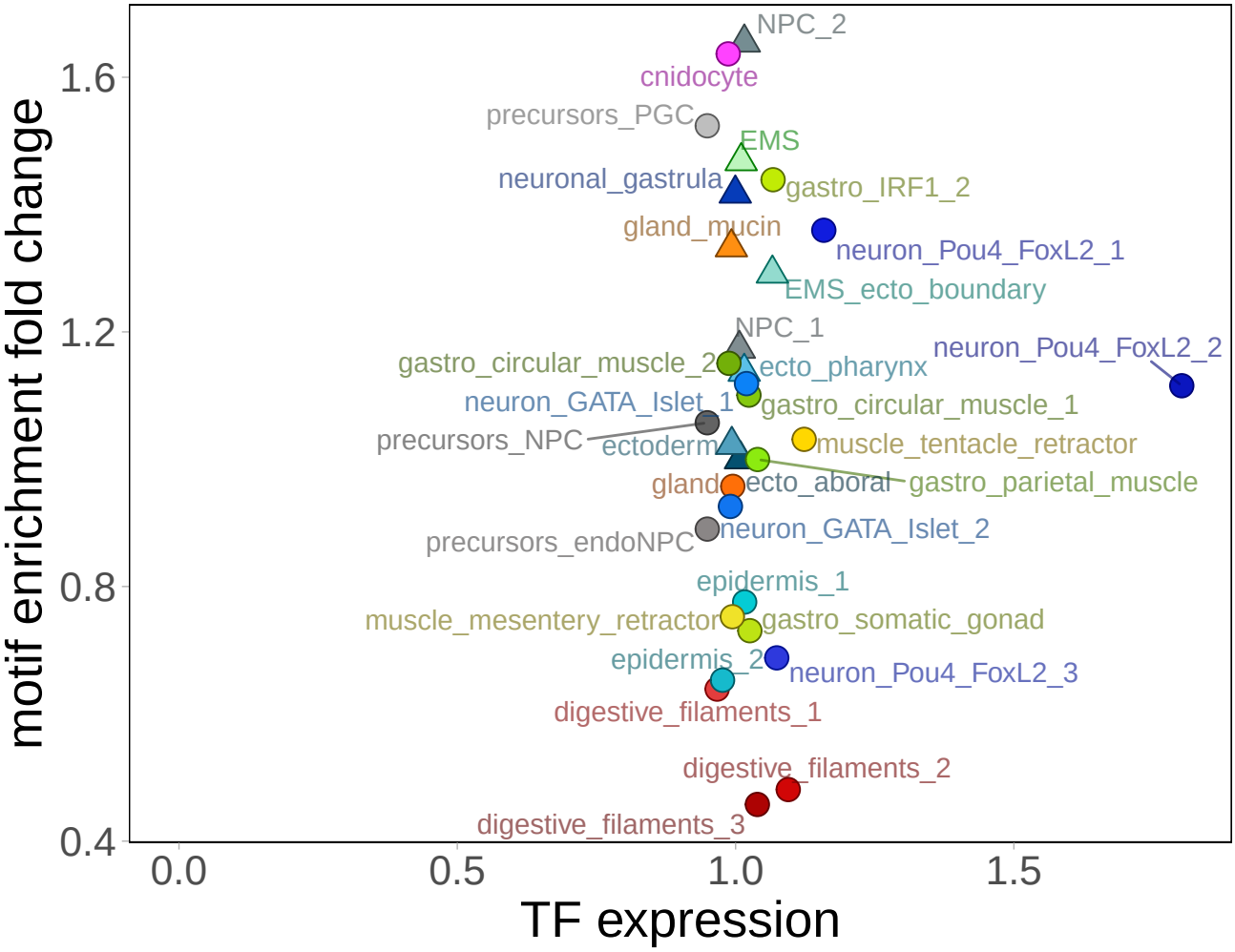


Nvec_vc1.1_XM_032381044.2
OG: zf−C4_Nuclear_receptors.HG1.3:like:AR/E
PFAM: zf−C4/Hormone_recep
motif: ARCH940_Nr2c1/Nr2c2_Nr2f1/N...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 1037
gene expression correlation: −0.0336
gene score correlation: 0.0204

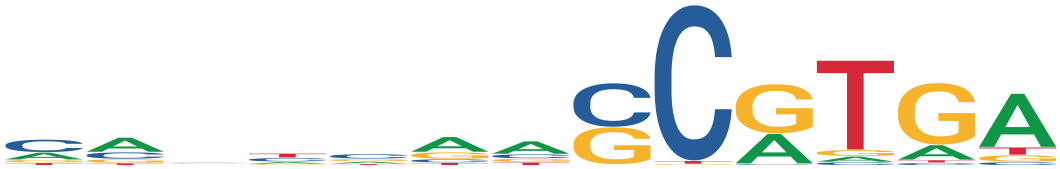


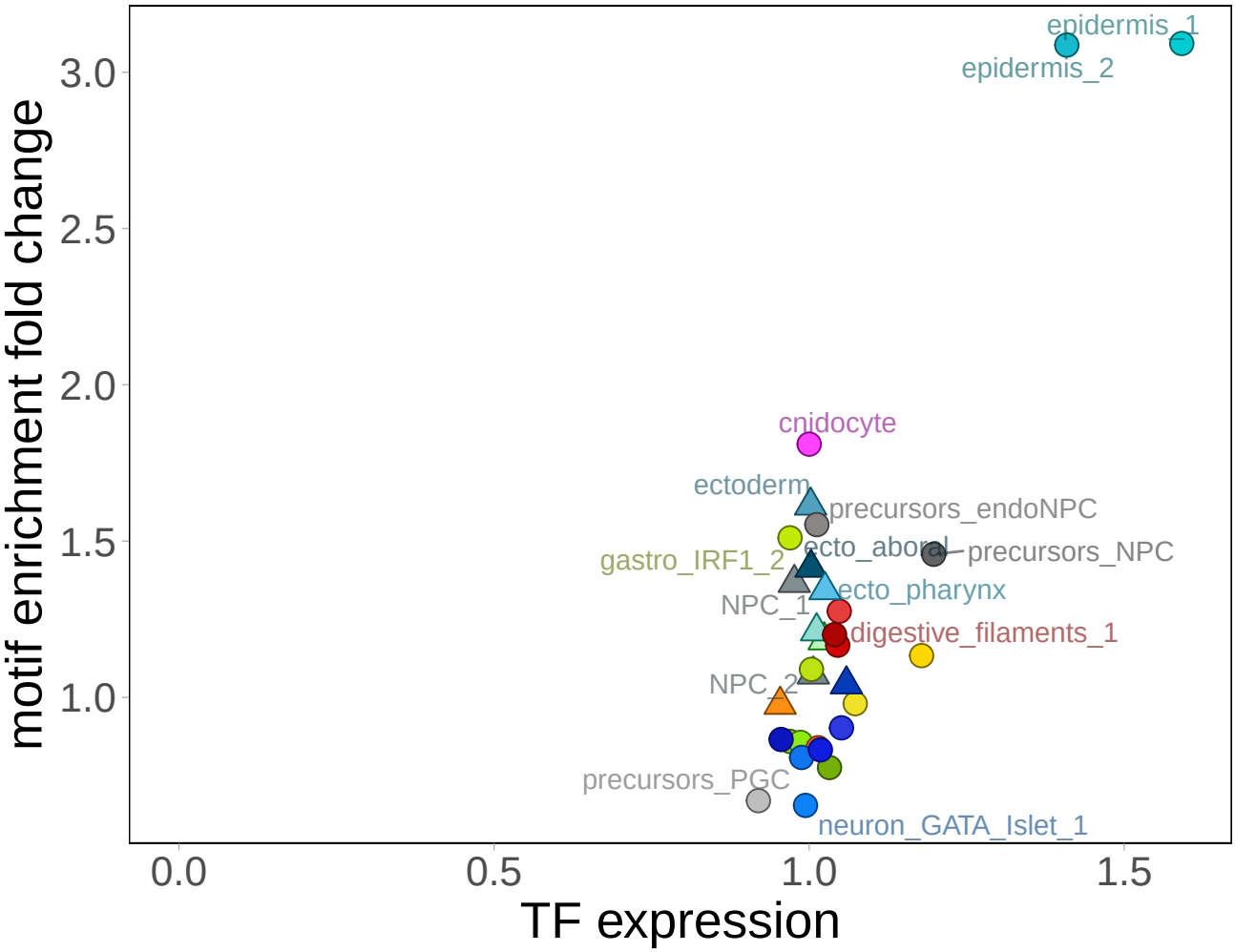


Nvec_vc1.1_XM_032381049.2
OG: HLH.HG1.39:like:USF1/USF2
PFAM: HLH
motif: ARCH1575_Usf3
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 120
gene expression correlation: 0.0147
gene score correlation: 0.1622

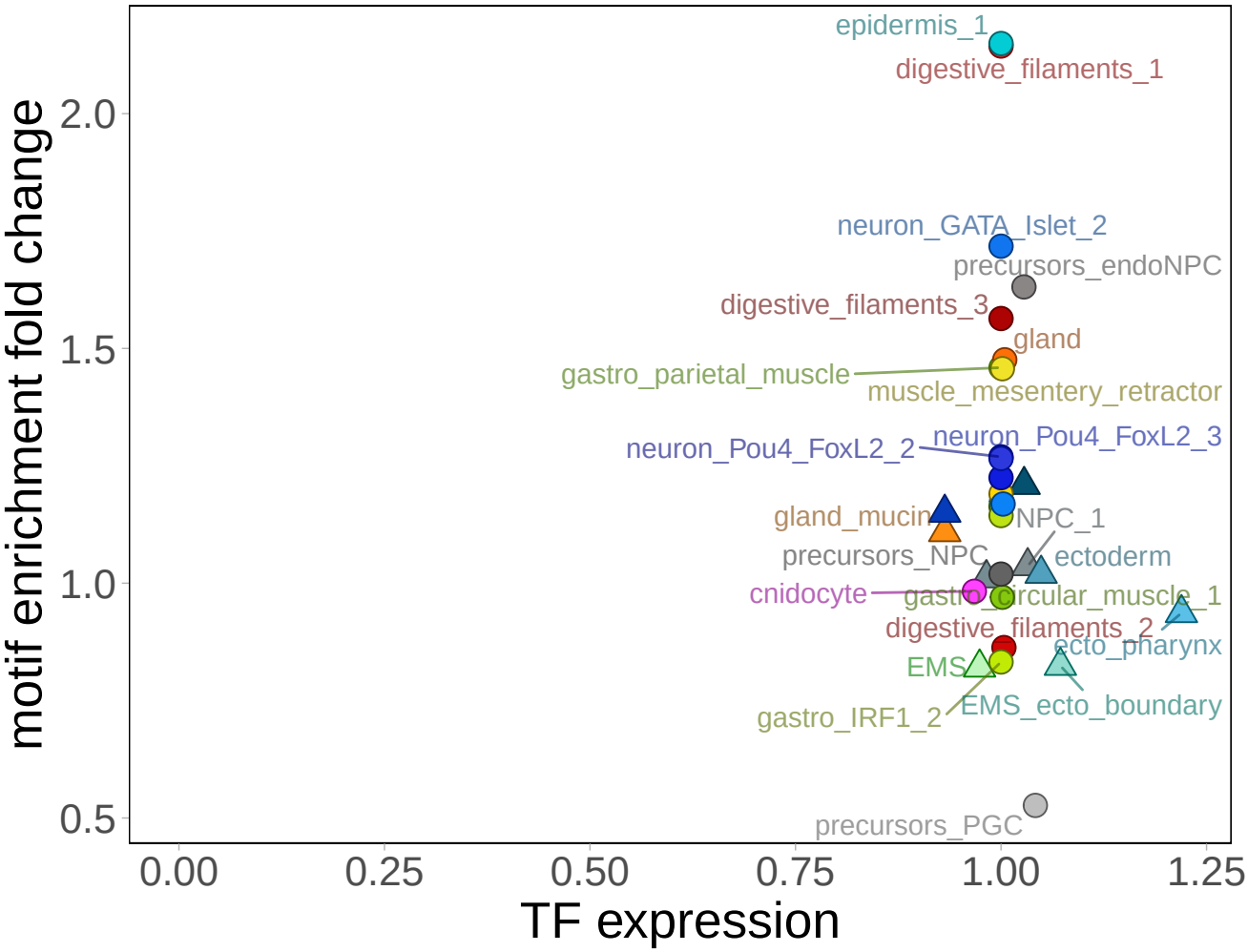


Nvec_vc1.1_XM_032381059.2
OG: Homeodomains.HG3.2:CERS2/CERS3/C
PFAM: Homeodomain/TRAM_LAG1_CLN8
motif: ARCH1236_M06436_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.8151
gene score correlation: 0.4048

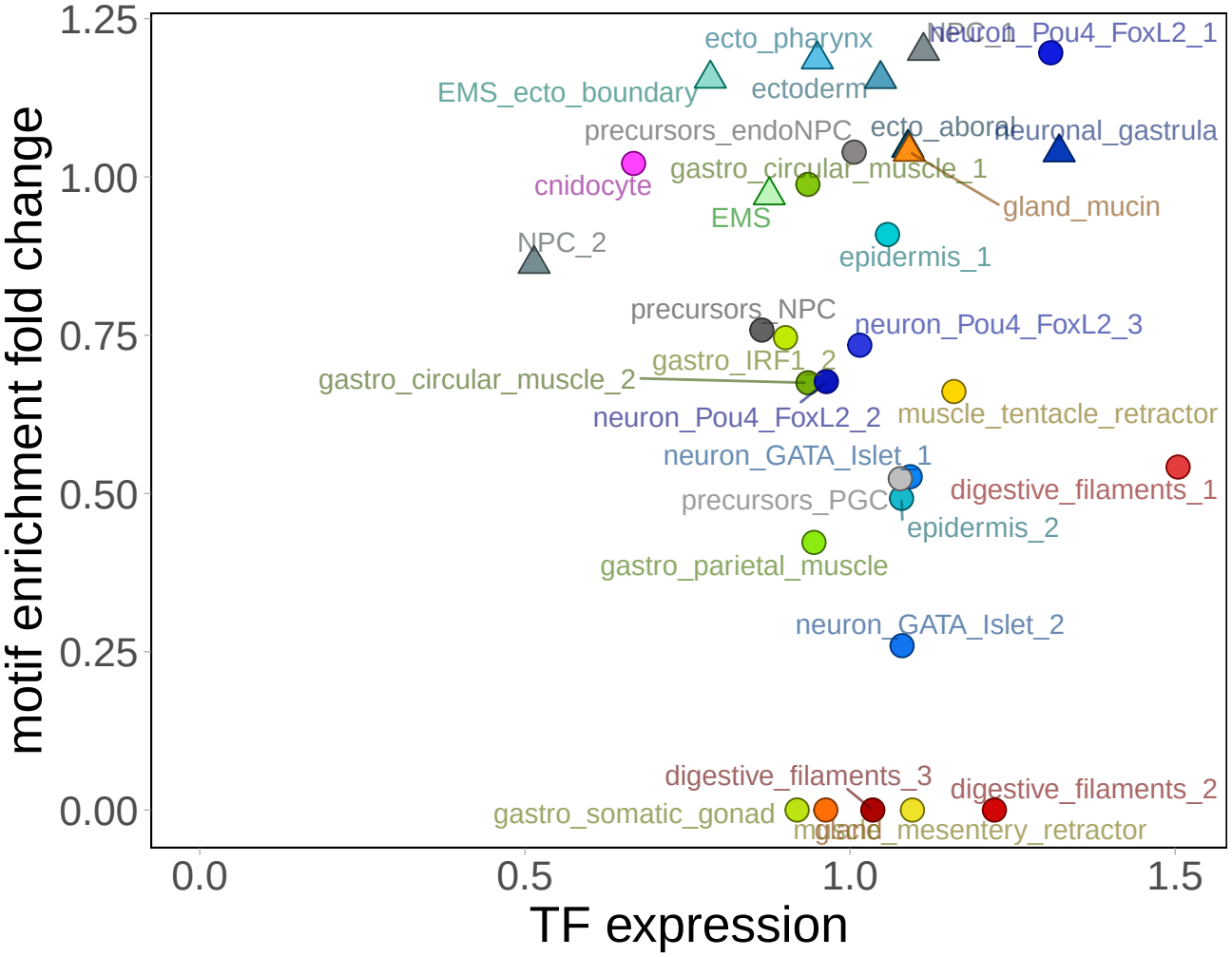




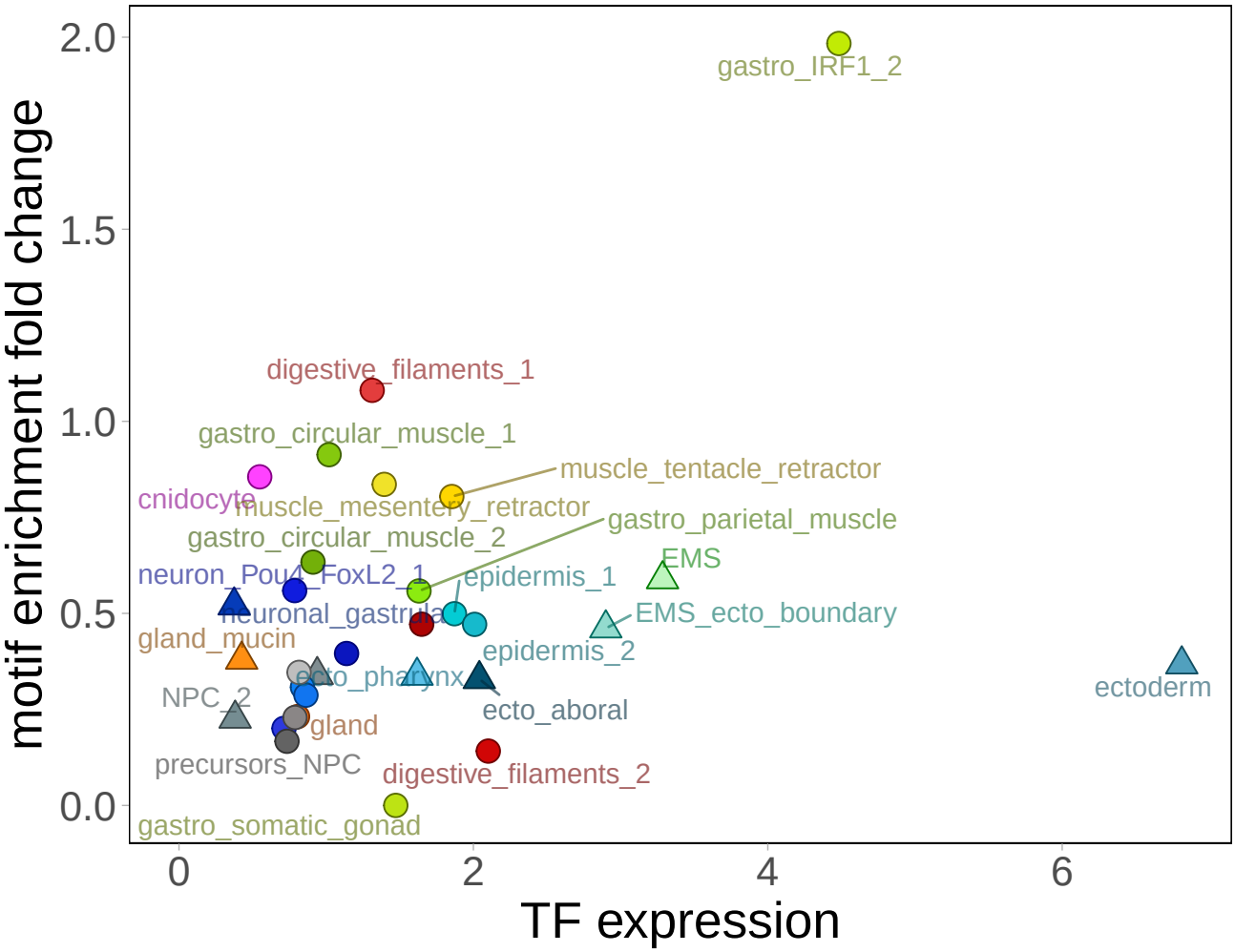
Nvec_vc1.1_XM_032381099.2
OG: Homeodomains.HG1.27:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 65
gene expression correlation: −0.1689
gene score correlation: −0.3868



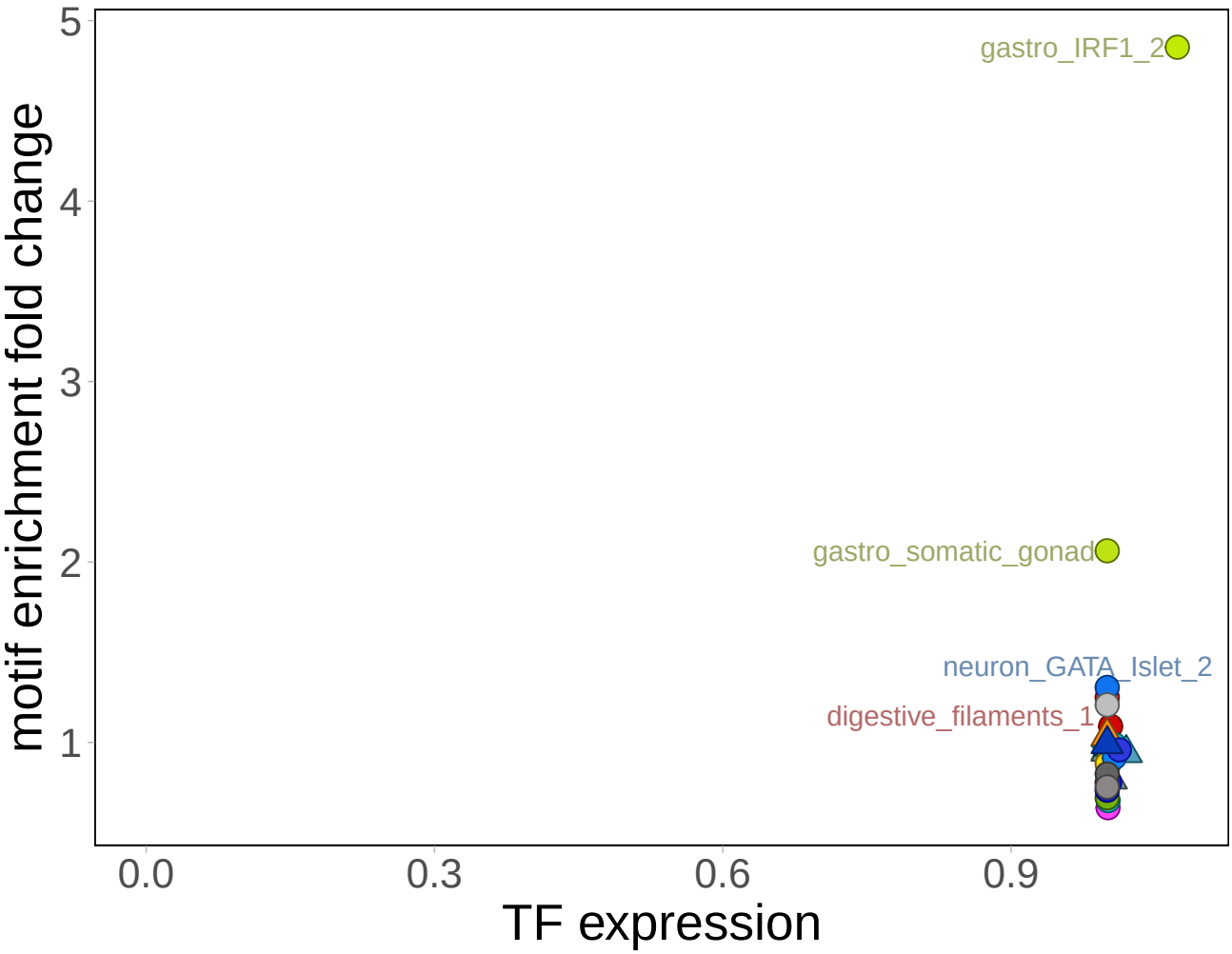
Nvec_vc1.1_XM_032381562.2
OG: zf−C2H2.HG2.18:like:KLF5/KLF6/KLF7
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH347_Klf1/Klf4/Klf2_Klf1...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 411
gene expression correlation: −0.1216
gene score correlation: 0.0617



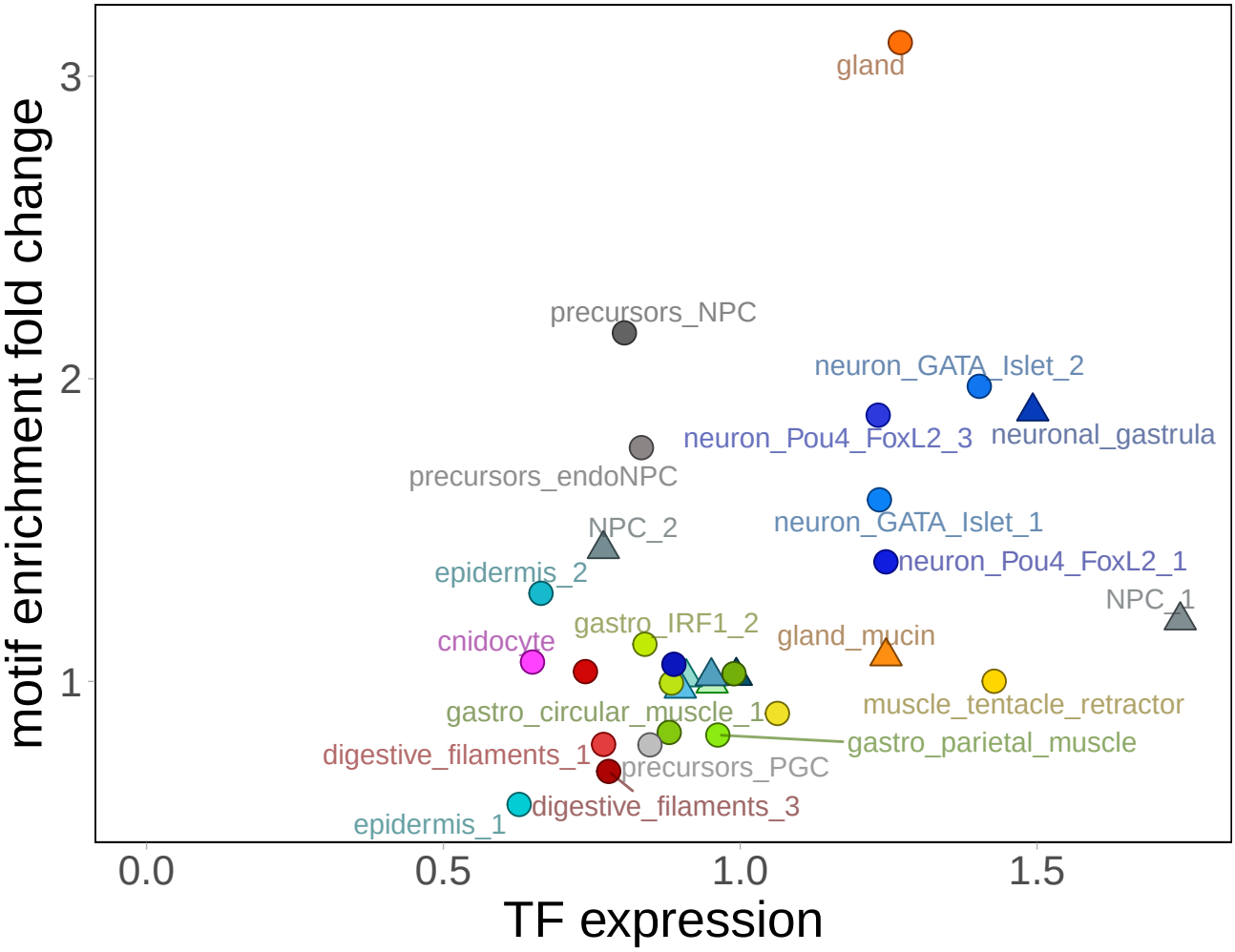
Nvec_vc1.1_XM_032381586.2
OG: zf−C2H2.HG2.21:KLF5
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH346_Klf1/Klf4/Klf2_Klf1...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 448
gene expression correlation: 0.3105
gene score correlation: 0.2231



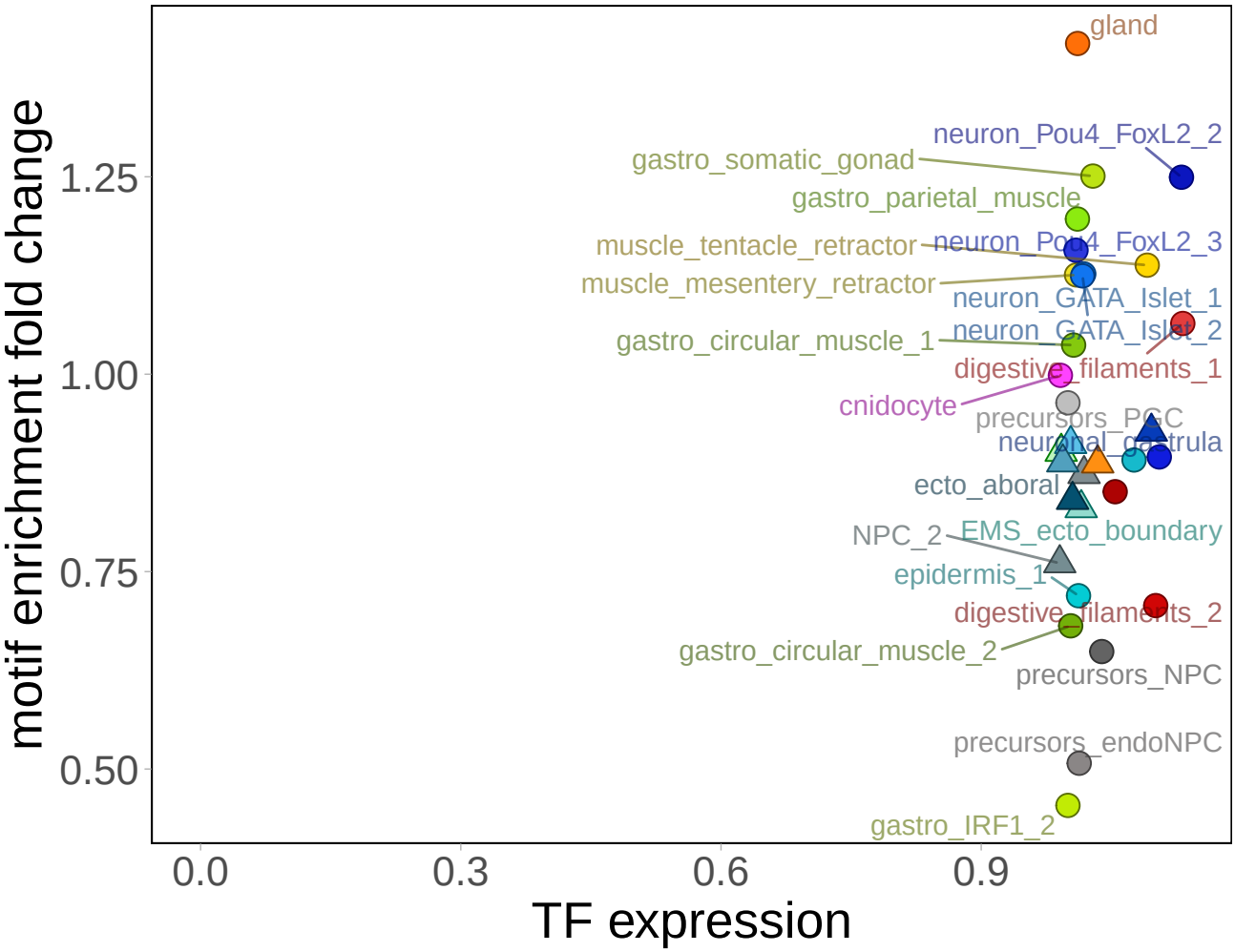
Nvec_vc1.1_XM_032381617.2
OG: Doublesex_DM.HG1.18:like:DMRT3
PFAM: DM
motif: ARCH171_PRDM1
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: FALSE
rank: 509
gene expression correlation: 0.8787
gene score correlation: 0.2501



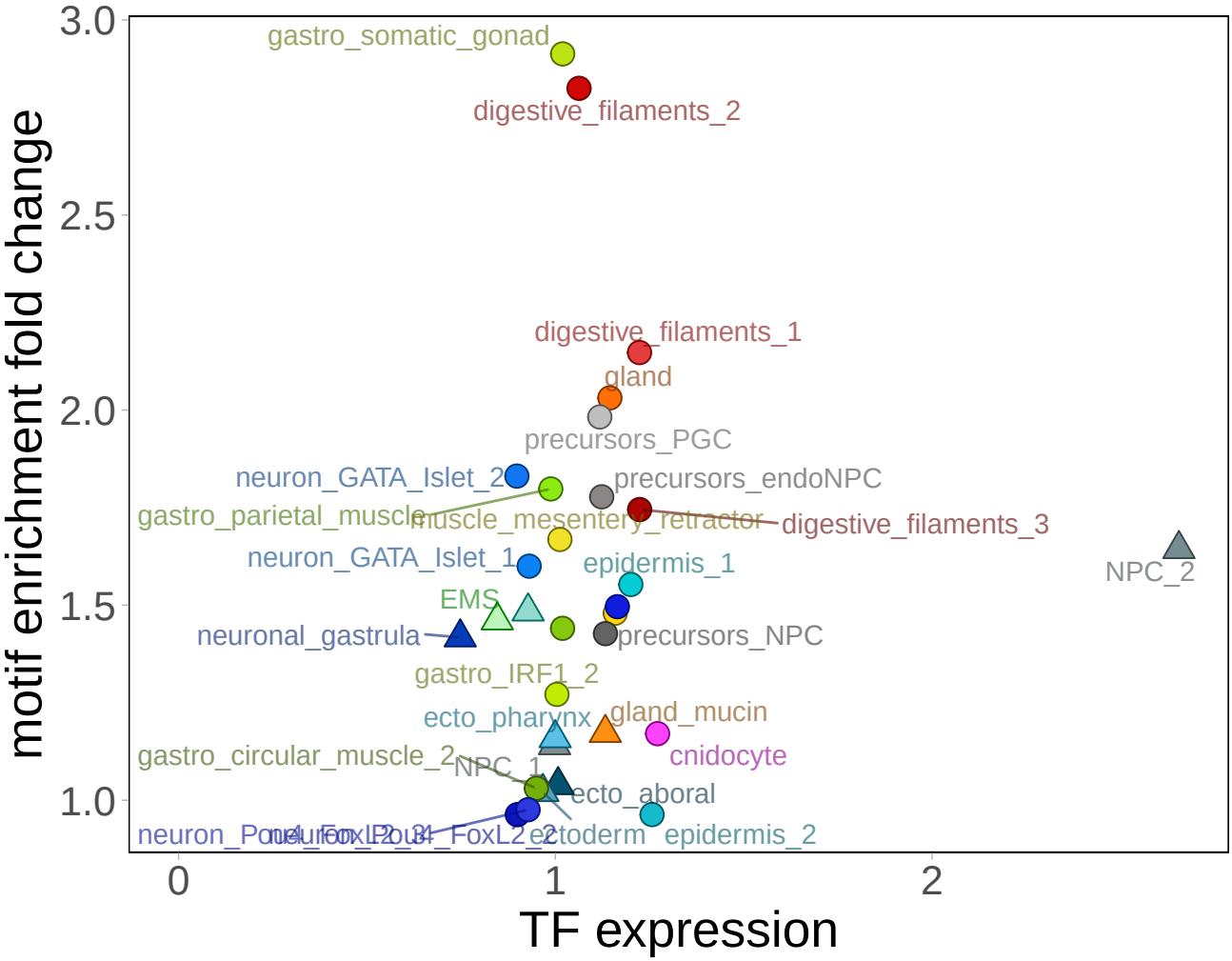
Nvec_vc1.1_XM_032382158.2
OG: HLH.HG1.45:TCF3/TCF4/TCF12
PFAM: HLH
motif: ARCH477_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.4009
gene score correlation: 0.6064



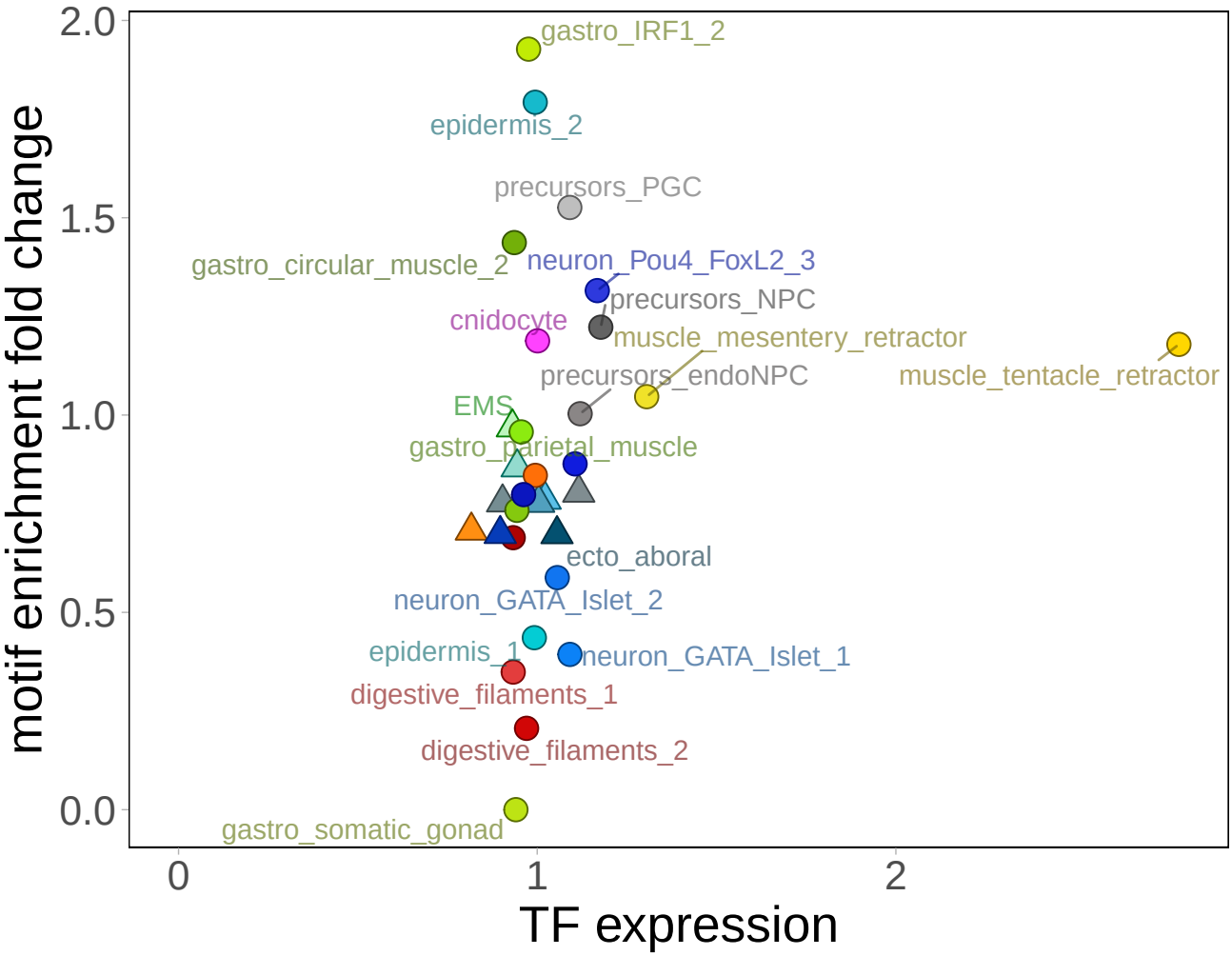
Nvec_vc1.1_XM_032382208.2
OG: zf−C2H2.HG94.0:NA
PFAM: zf−C2H2/zf−C2H2_4/zf−C2H2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.1575
gene score correlation: 0.1782



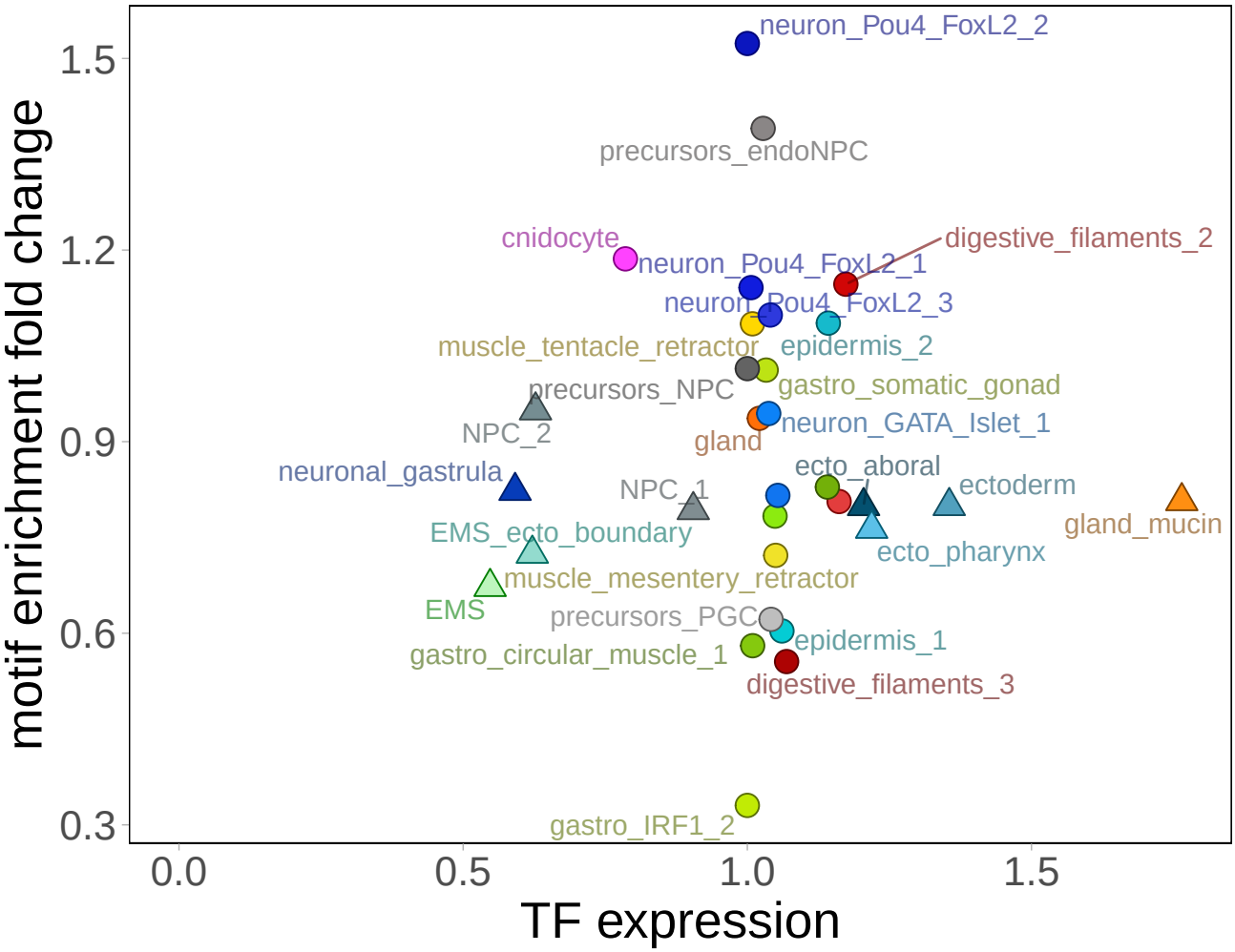
Nvec_vc1.1_XM_032382395.2
OG: Homeodomains.HG3.34:TGIF1
PFAM: Homeobox_KN
motif: ARCH1502_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 41
gene expression correlation: 0.0968
gene score correlation: 0.0646



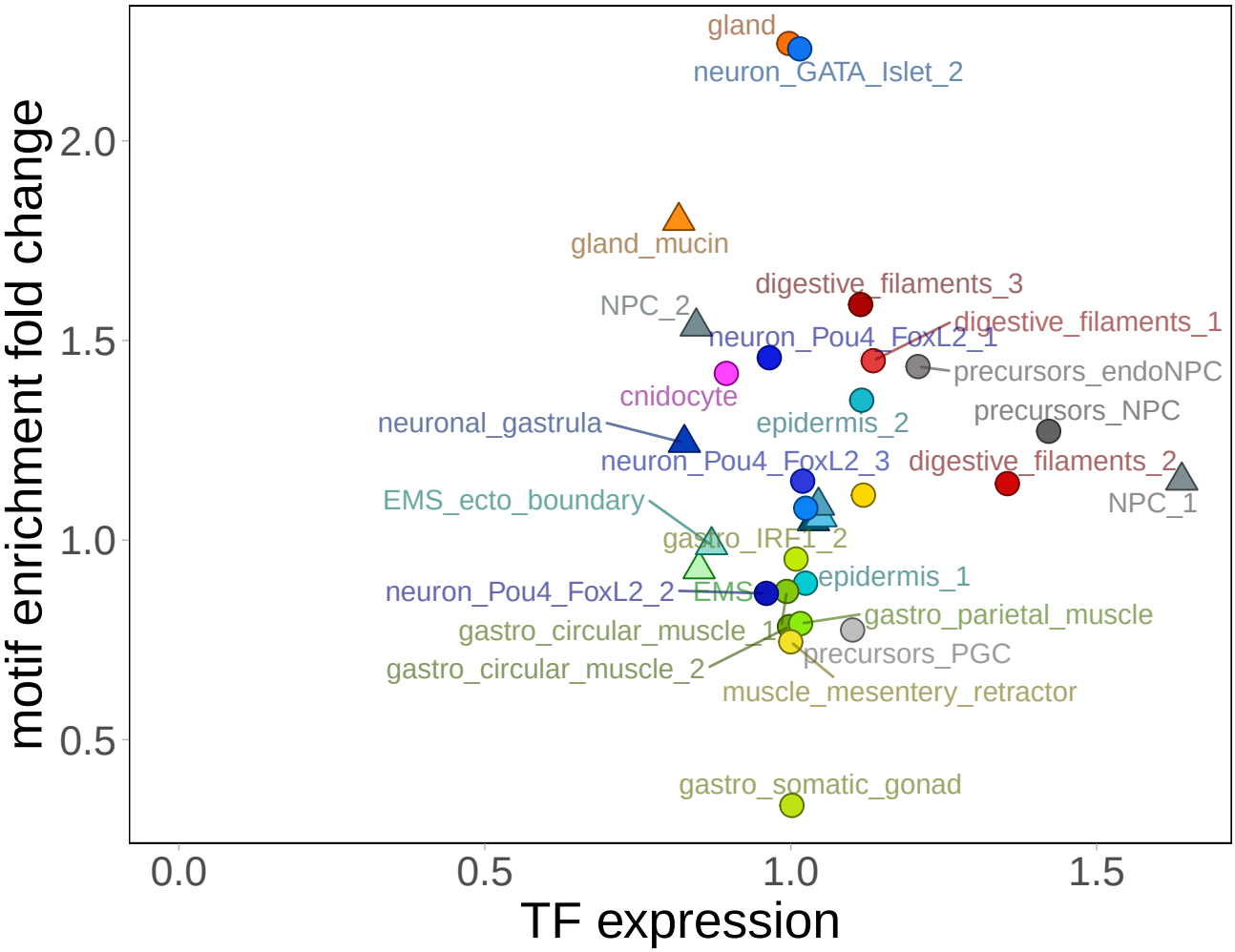
Nvec_vc1.1_XM_032382402.2
OG: zf−C2H2.HG1.24:like:AC008758.1/AC008
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH502_M06063_2.00
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.1892
gene score correlation: 0.2624



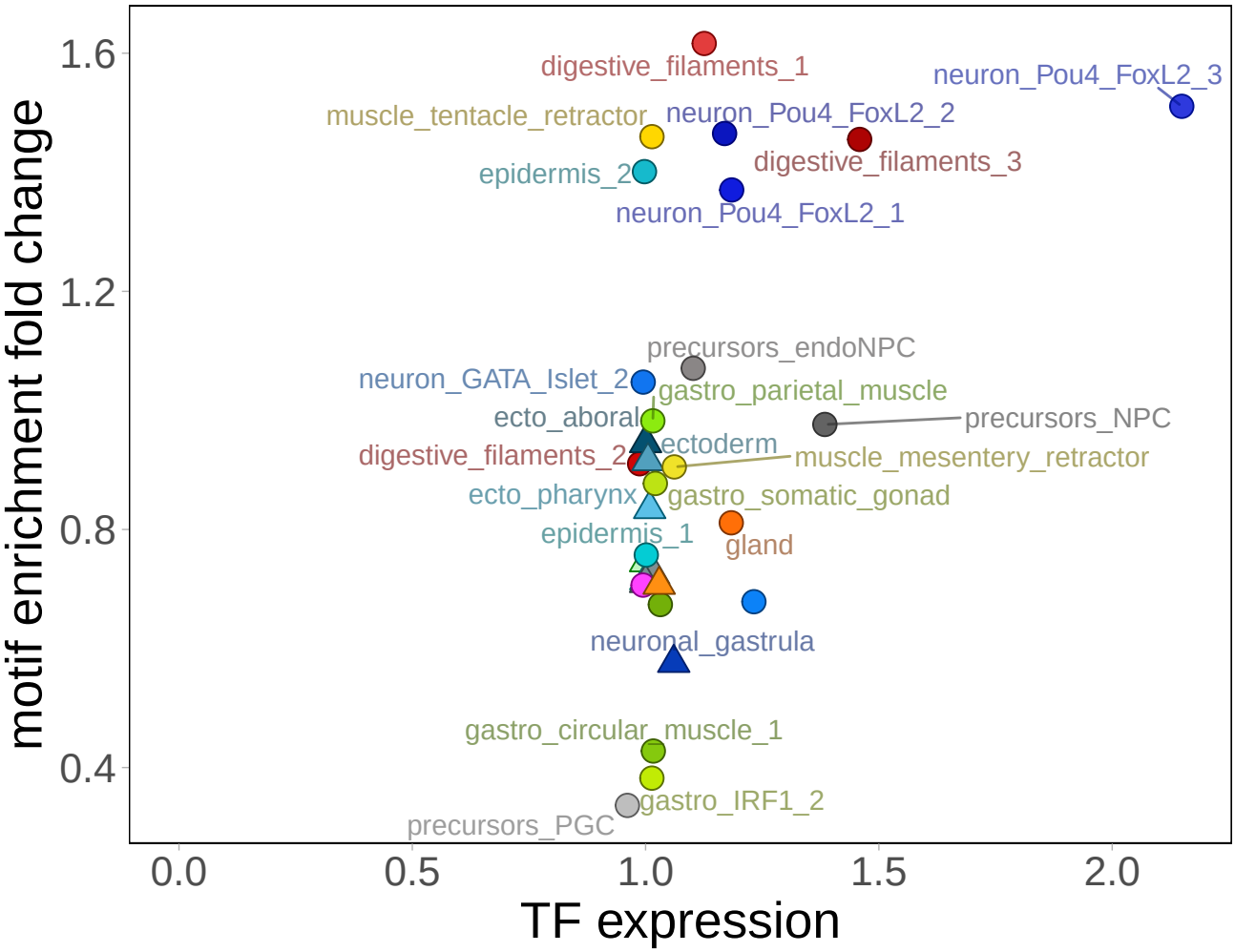
Nvec_vc1.1_XM_032382520.2
OG: Doublesex_DM.HG1.8:like:DMRT1/DMRT
PFAM: DM/DMA
motif: ARCH1070_Dmrtc2_Irx6
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 885
gene expression correlation: −0.0075
gene score correlation: 0.1300



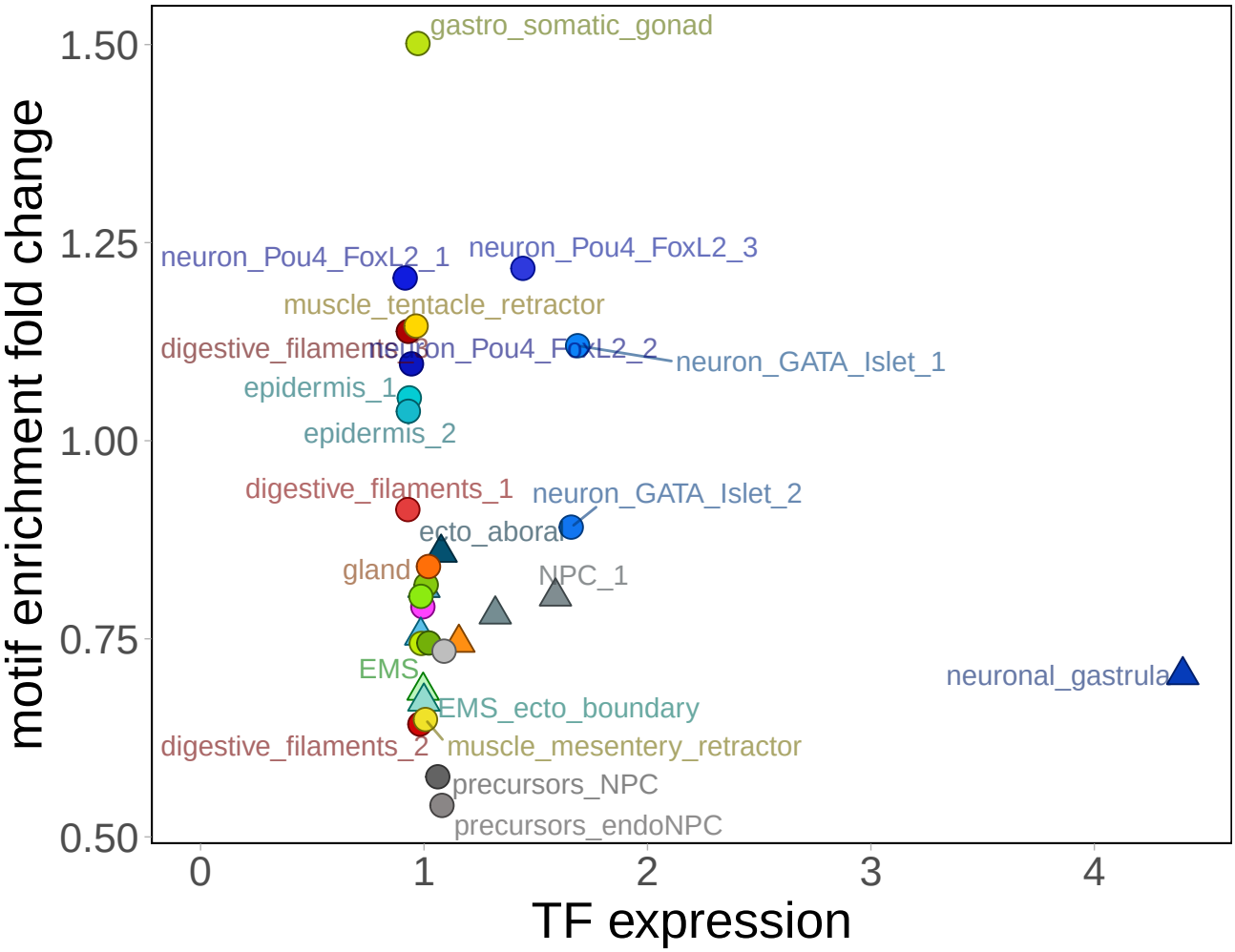
Nvec_vc1.1_XM_032382712.2
OG: RFX.HG1.1:RFX5/RFX7
PFAM: RFX5_N/RFX_DNA_binding
motif: ARCH653_/Rfx5
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 303
gene expression correlation: −0.0258
gene score correlation: 0.0993



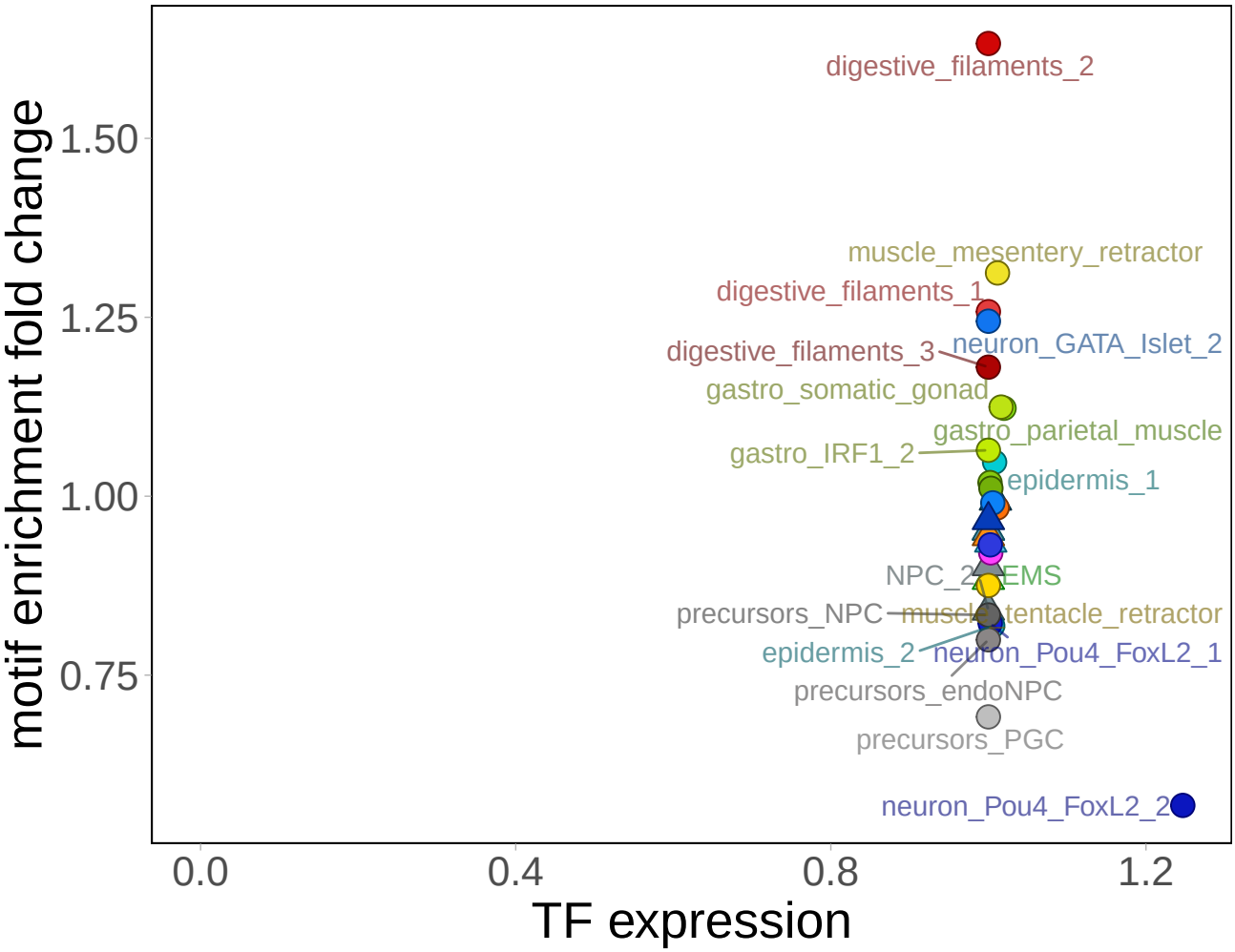
Nvec_vc1.1_XM_032383560.2
OG: Homeodomains.HG2.69:OTP
PFAM: Homeodomain/OAR
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4706
gene score correlation: 0.5489



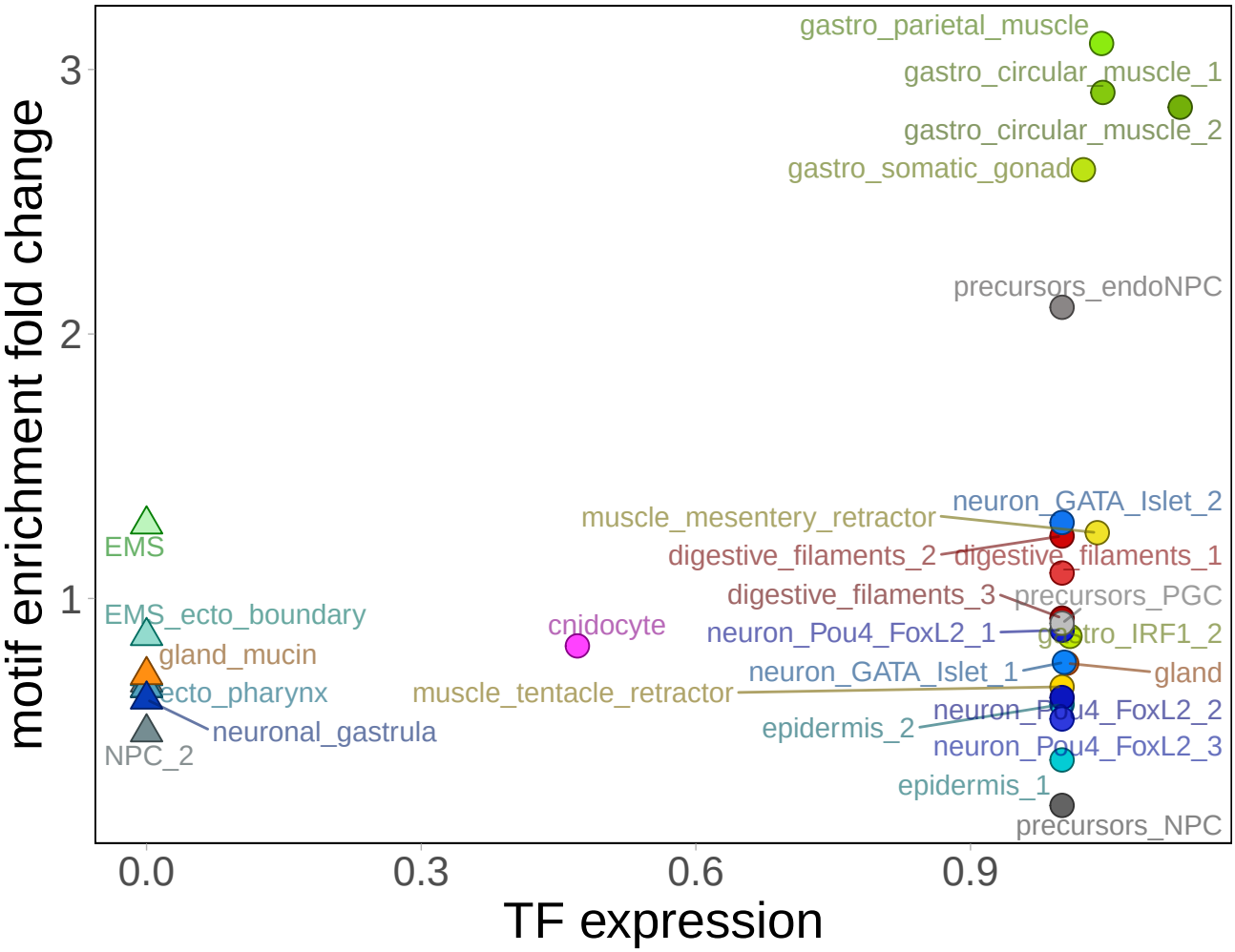
Nvec_vc1.1_XM_032383641.2
OG: zf−C4_Nuclear_receptors.HG1.9:like:ESR
PFAM: zf−C4/Hormone_recep
motif: ARCH1091_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 251
gene expression correlation: −0.1163
gene score correlation: 0.1932



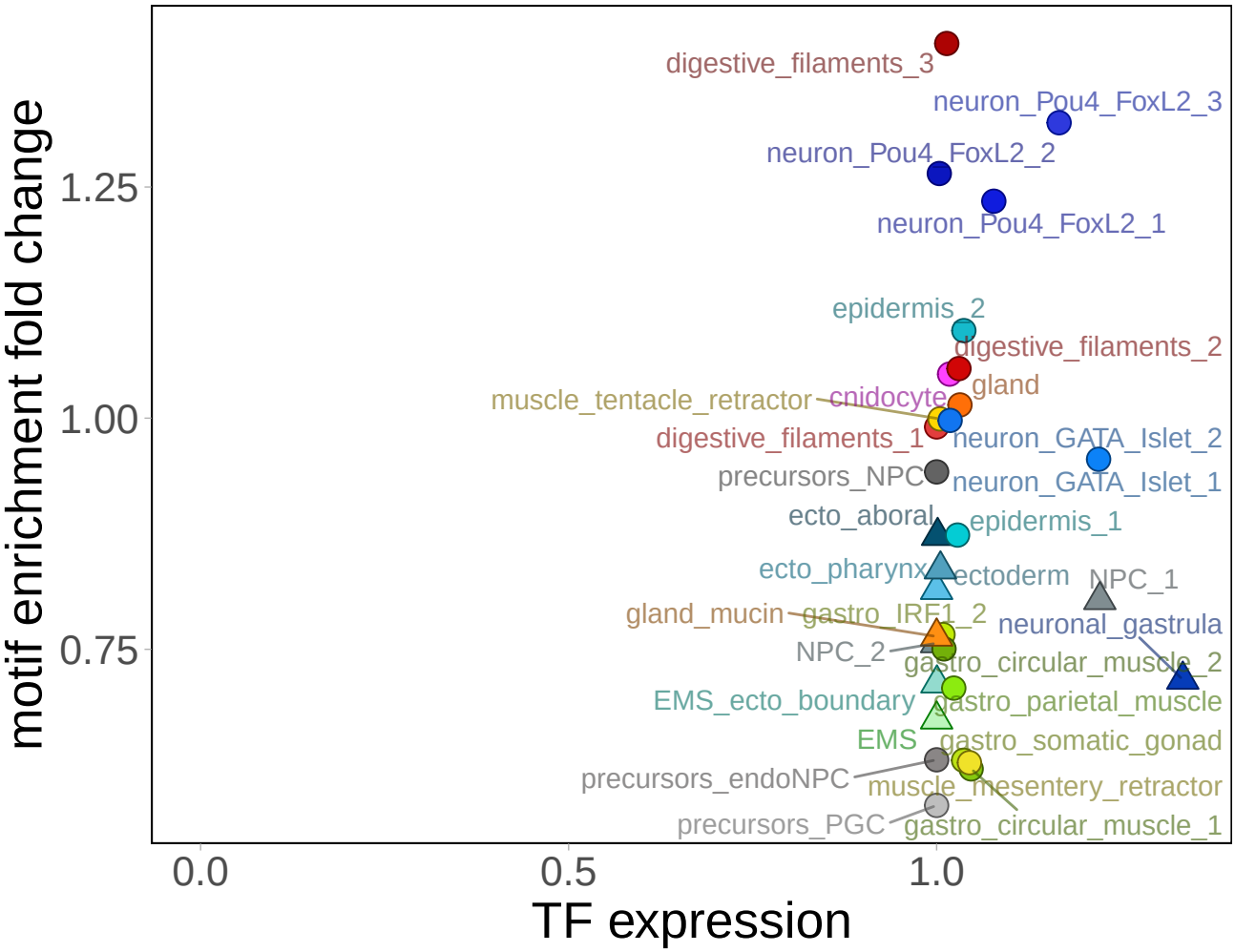
Nvec_vc1.1_XM_032383663.2
OG: Homeodomains.HG1.27:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH70_M02142_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1098
gene expression correlation: −0.3653
gene score correlation: 0.0534



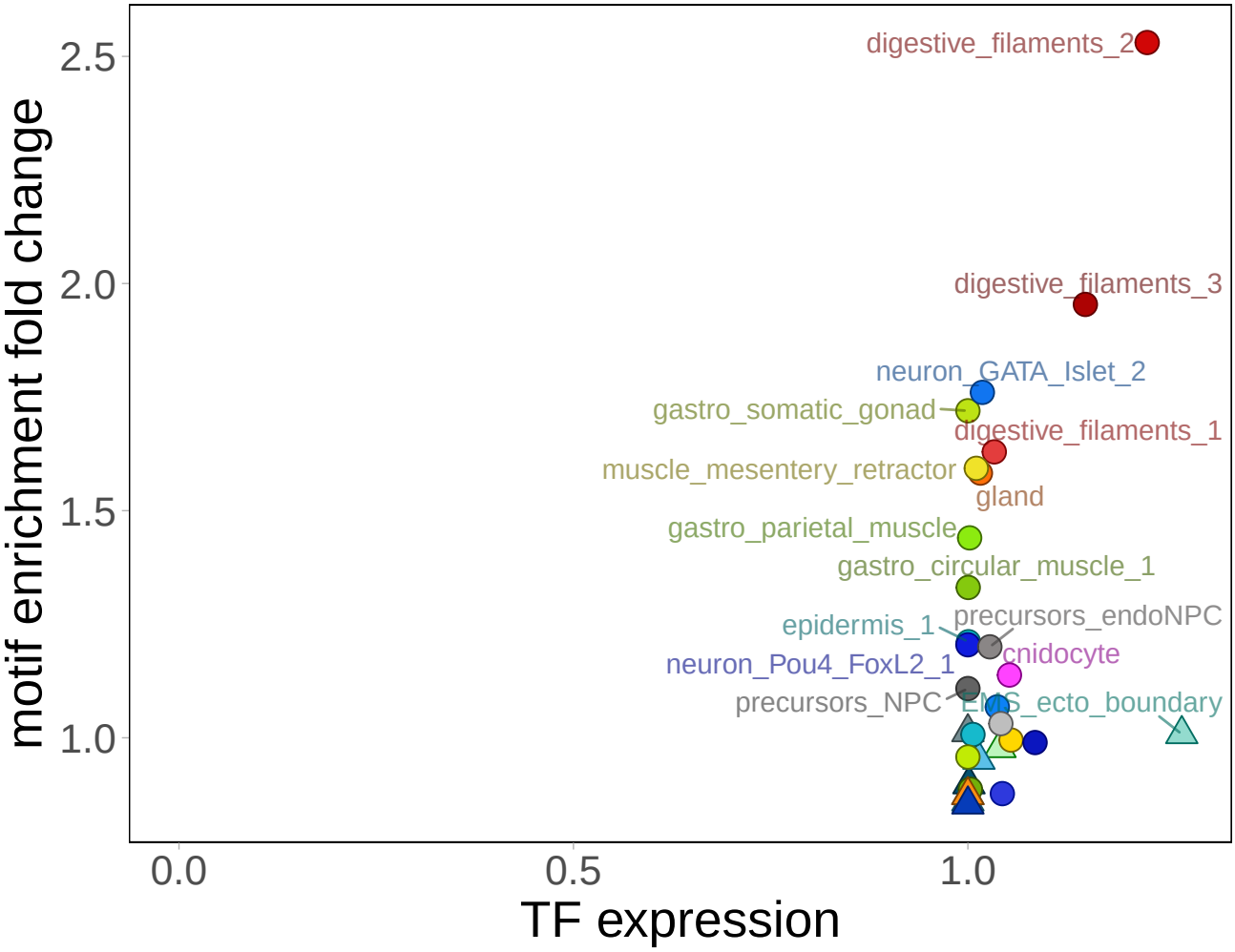
Nvec_vc1.1_XM_032383677.2
OG: Homeodomains.HG1.70:HOXA2/HOXB2/P
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3492
gene score correlation: 0.8448



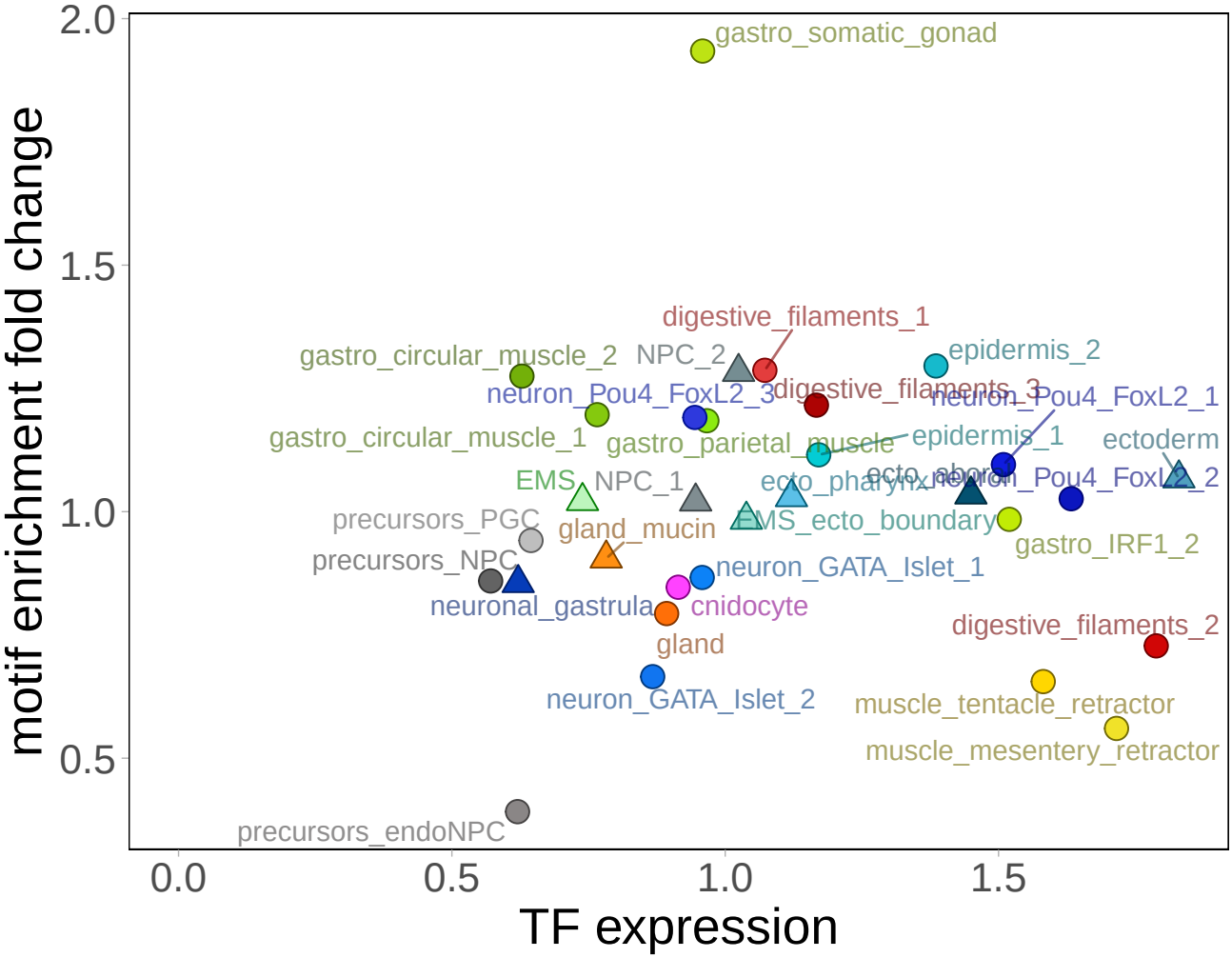
Nvec_vc1.1_XM_032383681.2
OG: Homeodomains.HG1.51:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH243_Alx3/Alx4/Alx1_Hlx_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 29
gene expression correlation: 0.0571
gene score correlation: 0.4145



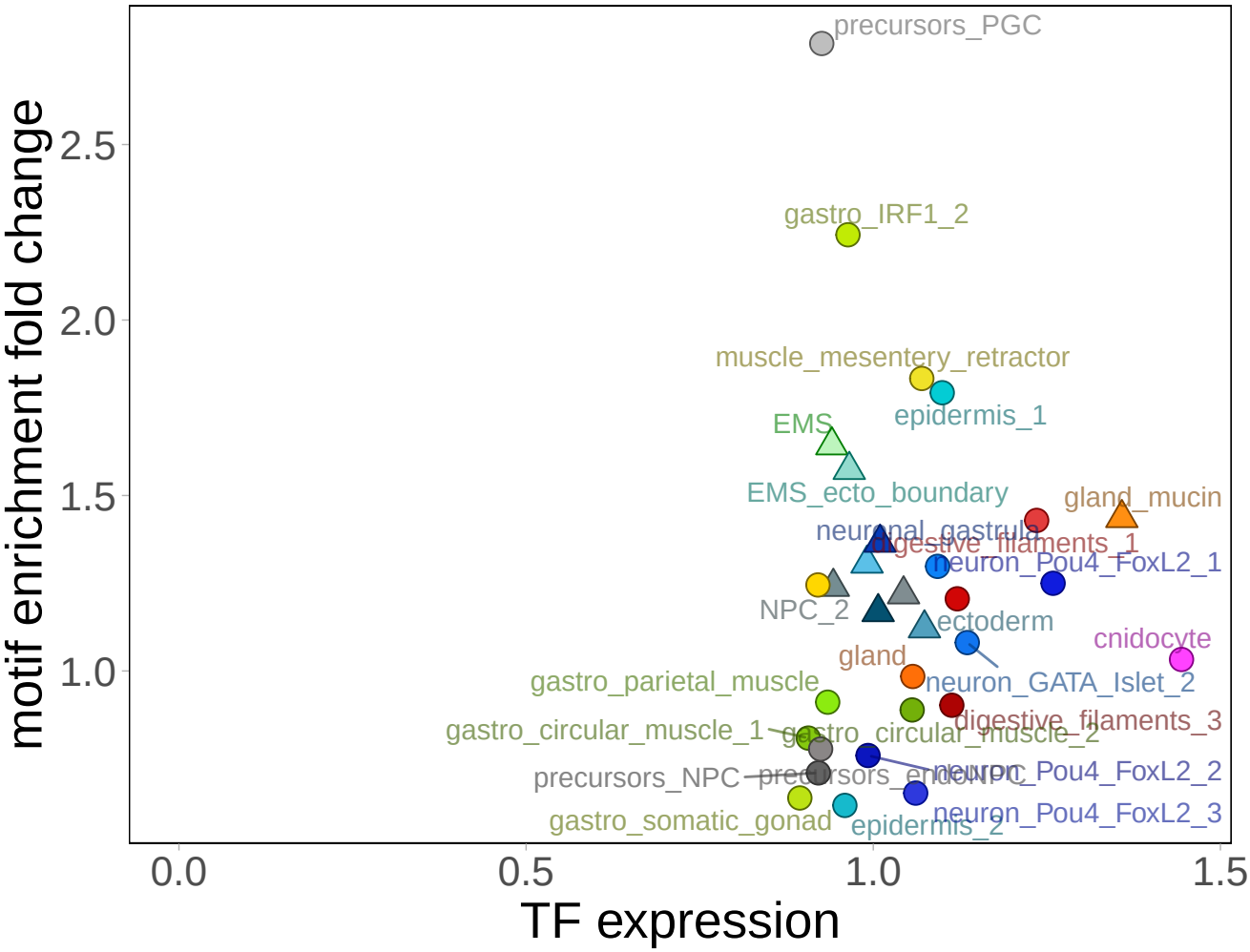
Nvec_vc1.1_XM_032383693.2
OG: Homeodomains.HG1.53:MNX1
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 50
gene expression correlation: 0.4051
gene score correlation: 0.6776



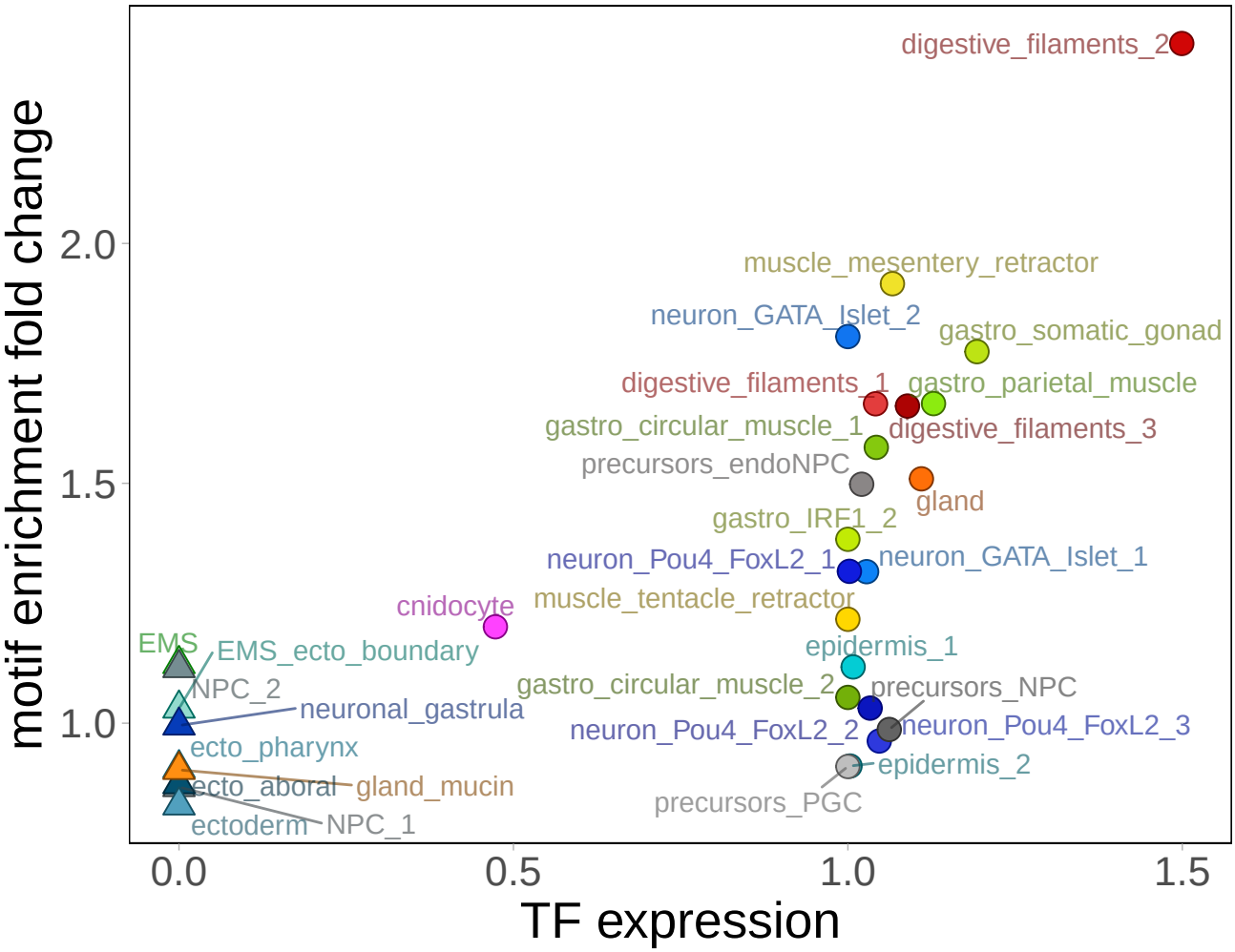
Nvec_vc1.1_XM_032383717.2
OG: bZIP.HG2.0:like:CEBPA/CEBPB/CEBPD/C
PFAM: bZIP_2
motif: ARCH640_Cebpd/Cebpe/Cebpa/C...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 555
gene expression correlation: −0.0524
gene score correlation: 0.0172



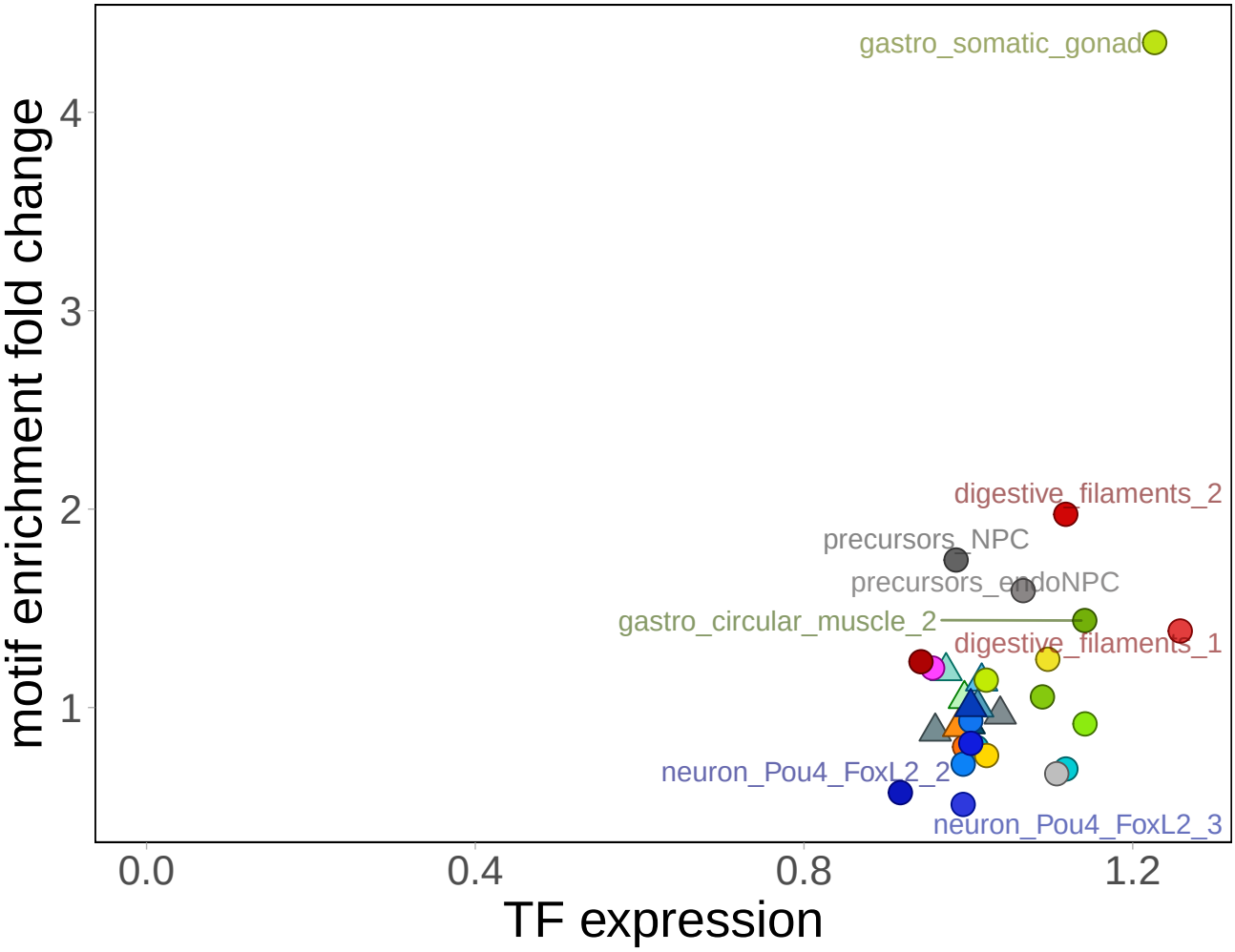
Nvec_vc1.1_XM_032383907.2
OG: bZIP.HG1.4:ATF2/ATF7/ATF7−NPFF/CRE
PFAM: bZIP_1
motif: ARCH1612_Atf7/Gm28047/Creb5...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 31
gene expression correlation: 0.0269
gene score correlation: 0.0874



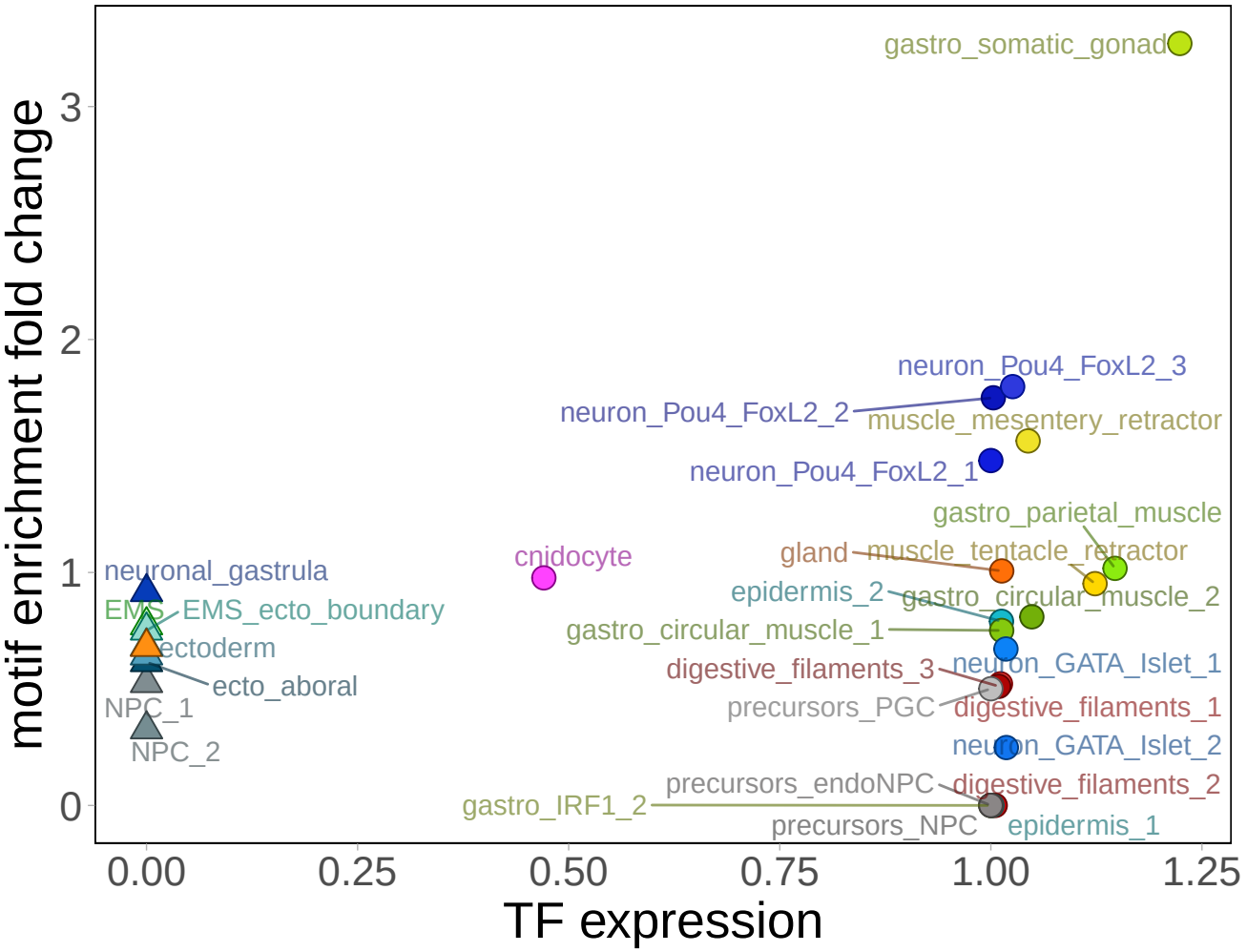
Nvec_vc1.1_XM_032383925.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH1545_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.6366
gene score correlation: 0.5786



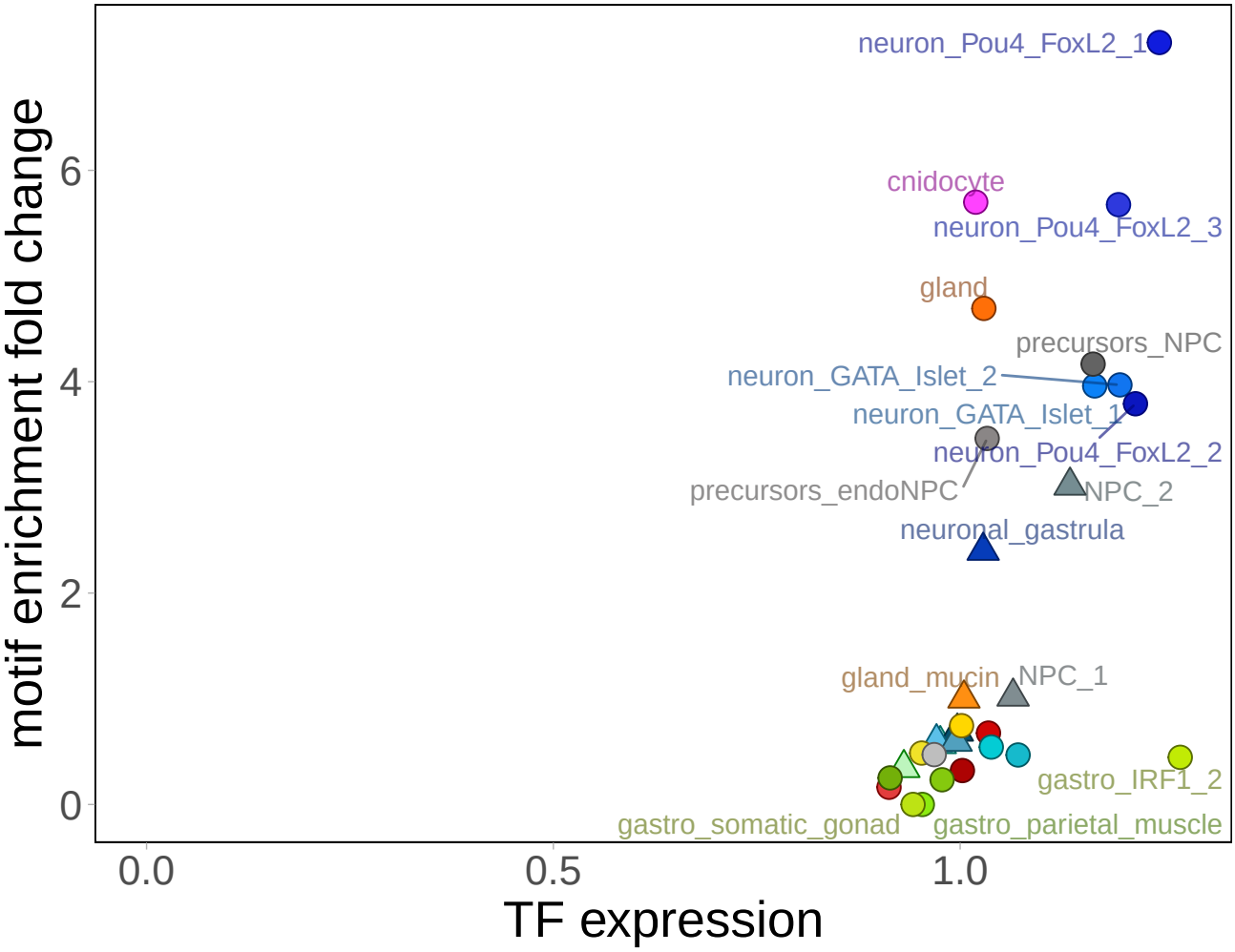
Nvec_vc1.1_XM_032383979.2
OG: P53.HG1.4:TP53/TP63/TP73
PFAM: P53
motif: ARCH910_p53
TF family: P53
archetype family: P53
CisBP assigned: FALSE
rank: 281
gene expression correlation: 0.5205
gene score correlation: 0.4685



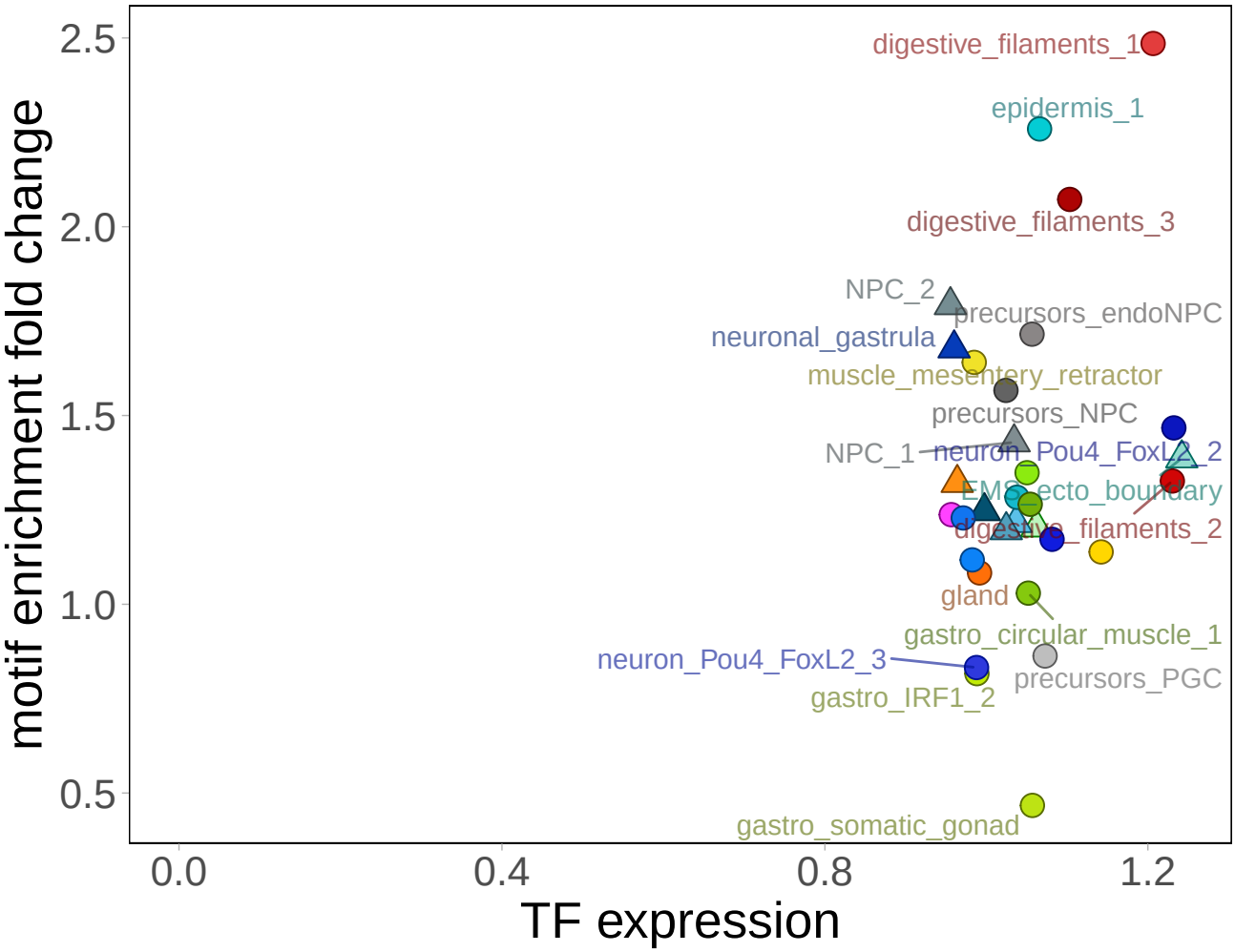
Nvec_vc1.1_XM_032384126.2
OG: Forkhead.HG1.17:like:FOXI1/FOXI2/FOXI
PFAM: Forkhead
motif: ARCH964_Foxc2/Foxc1_Foxg1/G...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.1838
gene score correlation: 0.6162



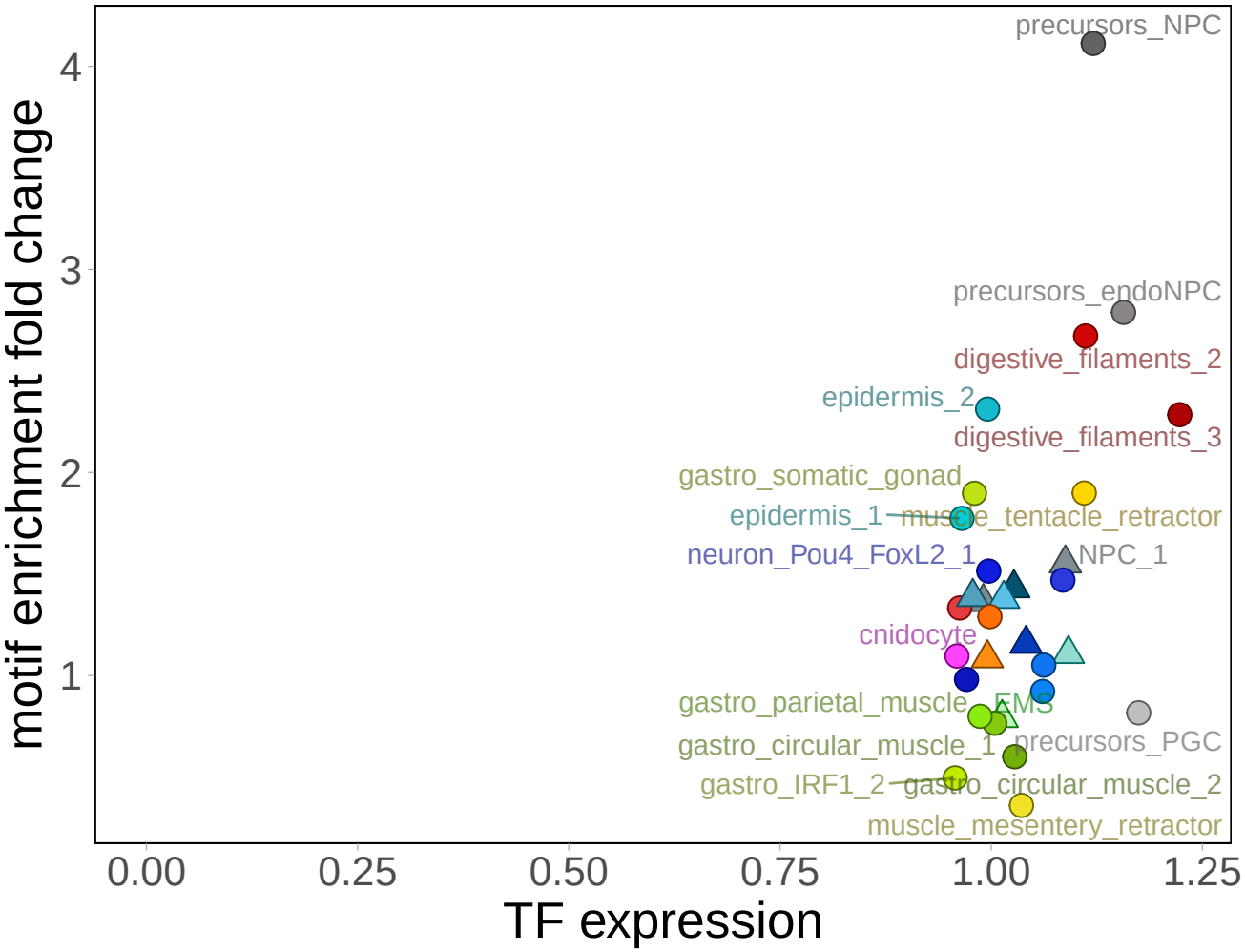
Nvec_vc1.1_XM_032384134.2
OG: zf−C2H2.HG3.3:ZNF641
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.6610
gene score correlation: 0.5196



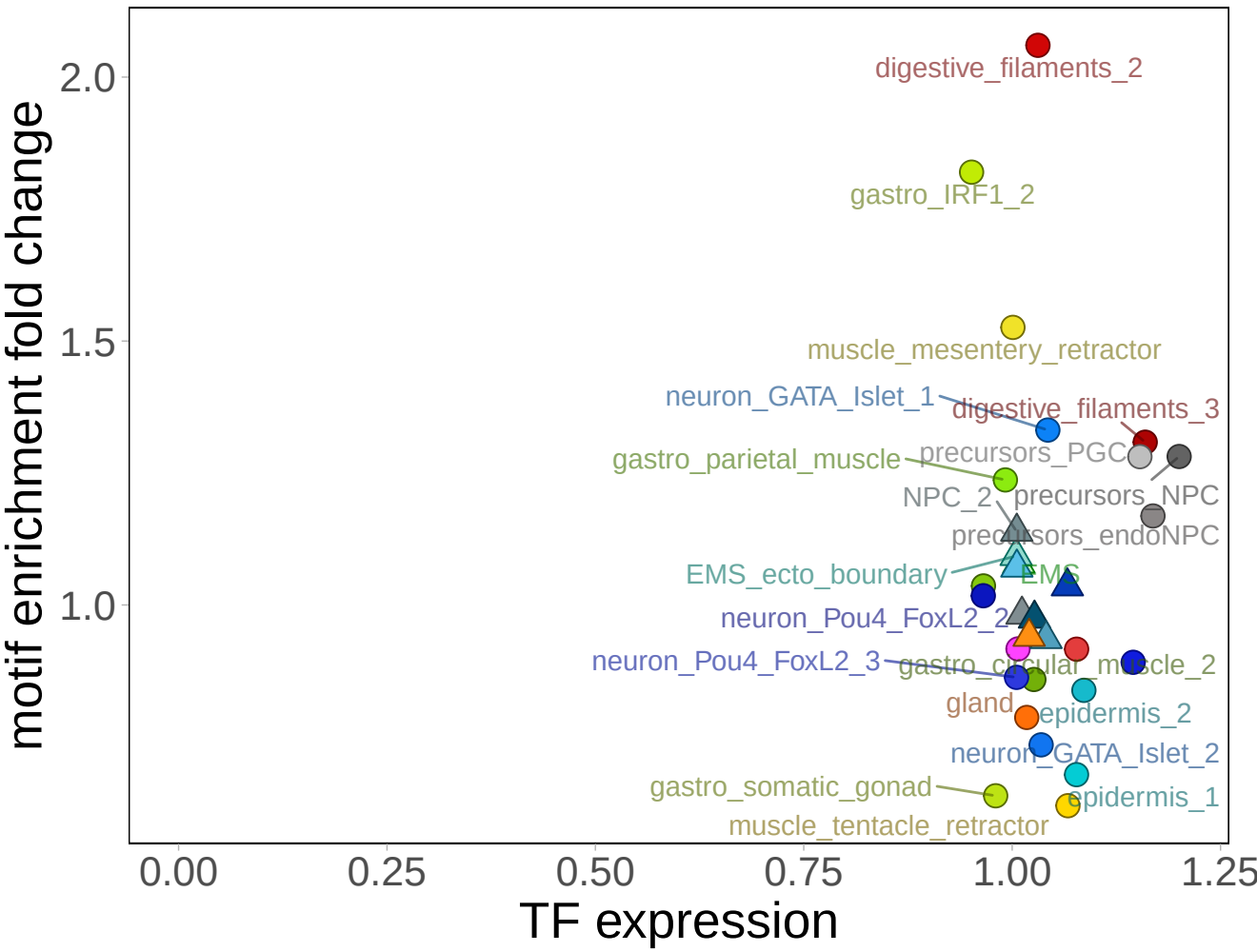
Nvec_vc1.1_XM_032384172.2
OG: zf−C2H2.HG1.40:GZF1/ZBTB24
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 106
gene expression correlation: 0.2383
gene score correlation: 0.0435



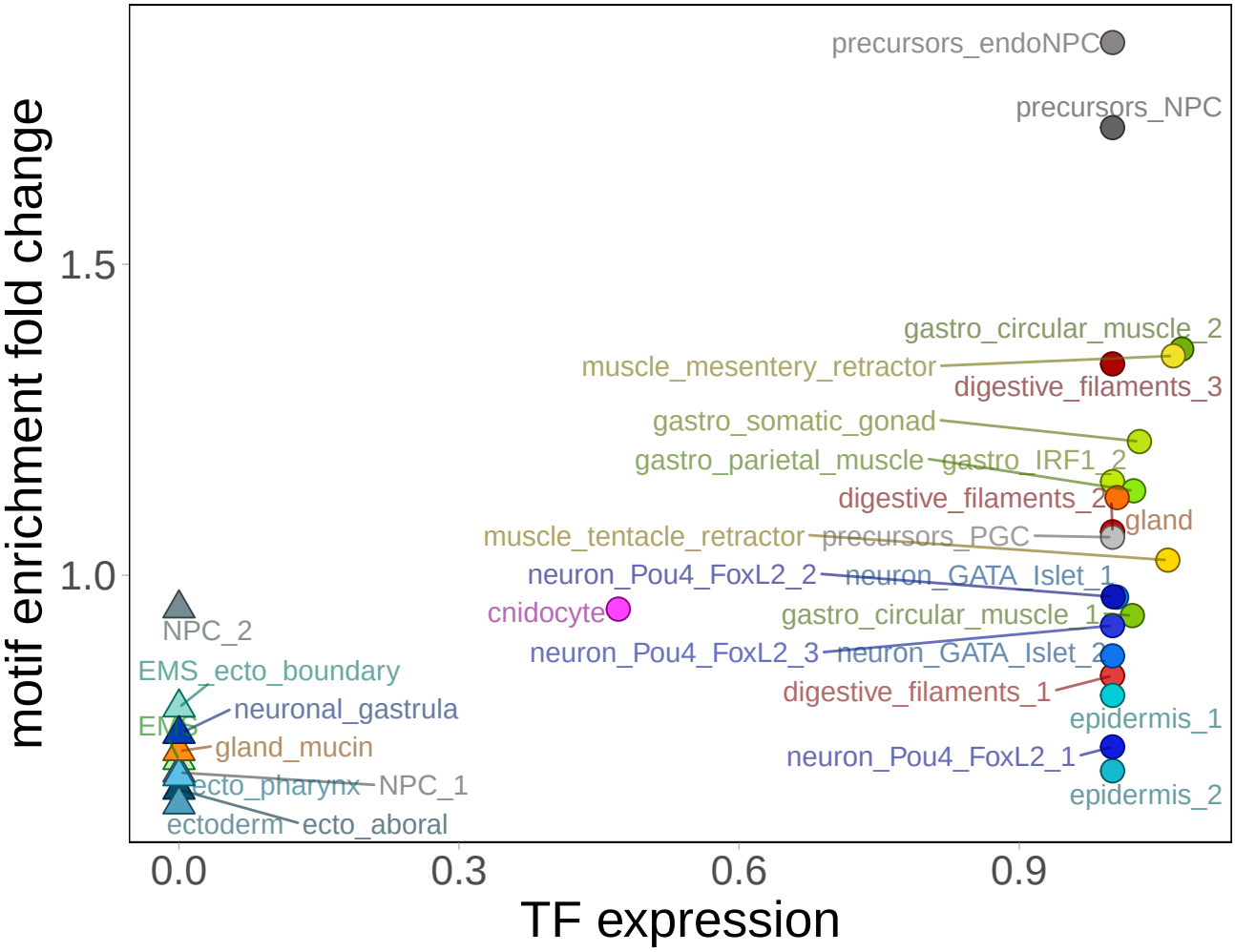
Nvec_vc1.1_XM_032384228.2
OG: HMGbox_Sox.HG1.26:like:SOX8/SOX9/S
PFAM: HMG_box
motif: ARCH1135_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 6
gene expression correlation: 0.4409
gene score correlation: 0.8198



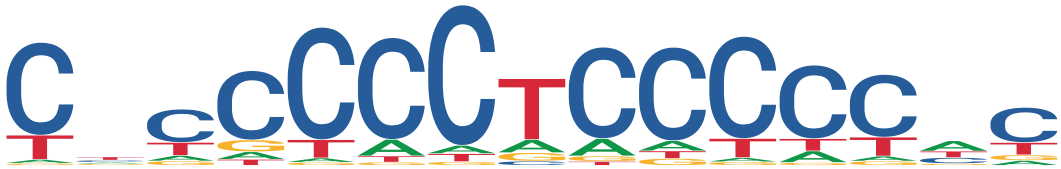
Nvec_vc1.1_XM_032384300.2
OG: bZIP.HG3.0:MAFF/MAFG/MAFK
PFAM: bZIP_Maf
motif: ARCH1281_Cic_Hbp1_Sox13/Sox...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 485
gene expression correlation: −0.0095
gene score correlation: 0.1346

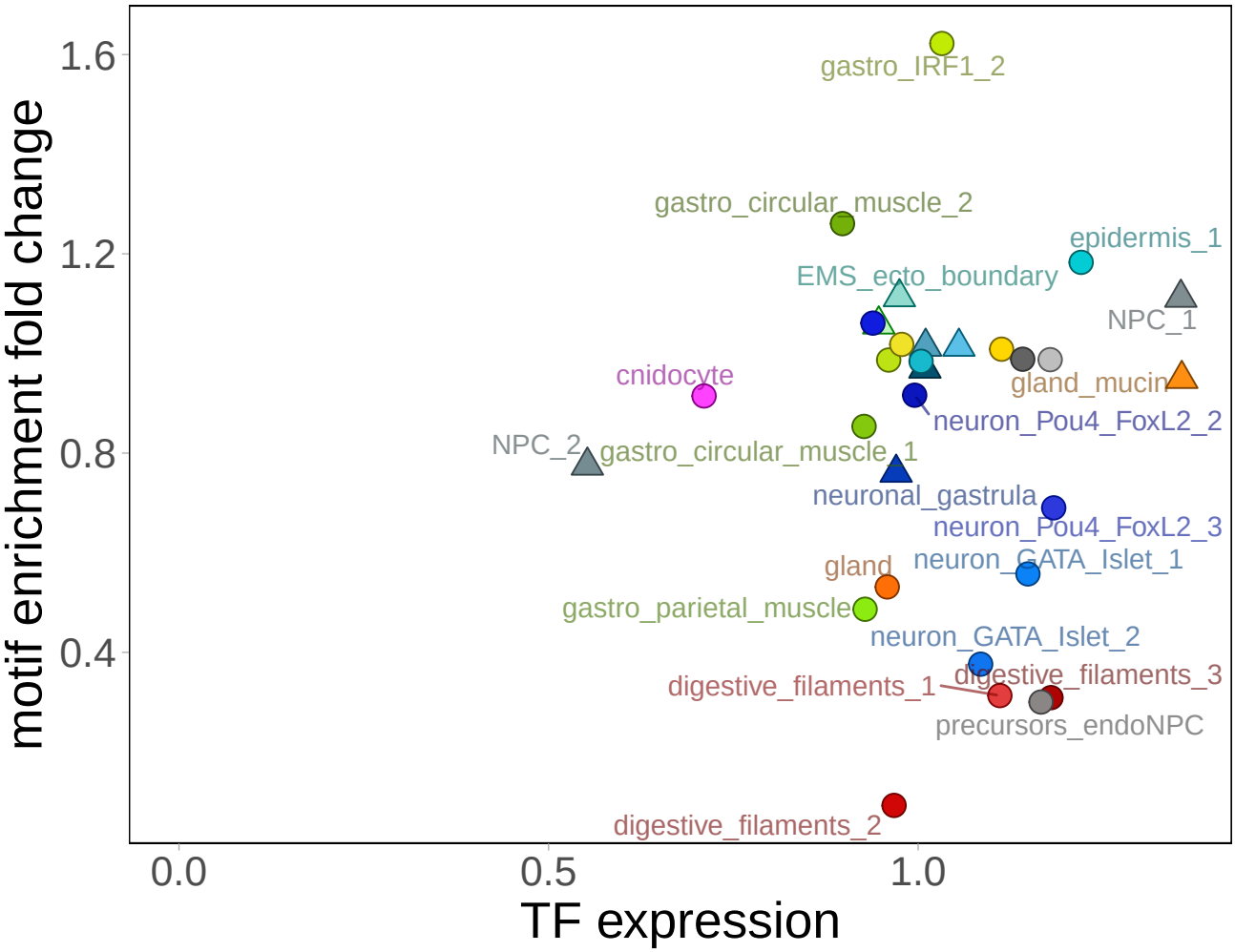


Nvec_vc1.1_XM_032384433.2
OG: HLH.HG1.86:TWIST1/TWIST2
PFAM: HLH
motif: ARCH771_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.5734
gene score correlation: 0.2875

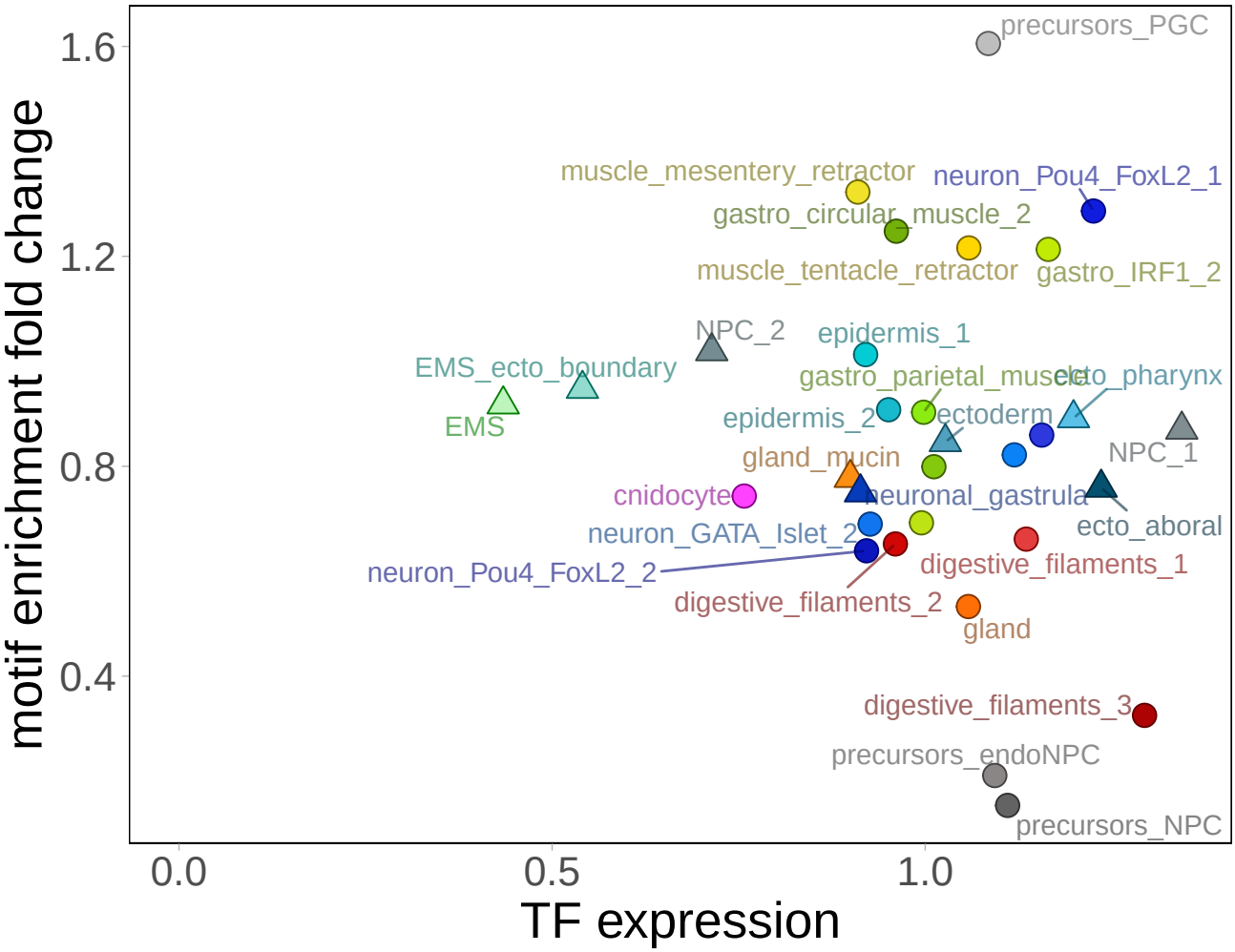


Nvec_vc1.1_XM_032384447.2
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH357_Egr3/Egr1_Sp6/Sp5_S...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 387
gene expression correlation: −0.0344
gene score correlation: −0.1327

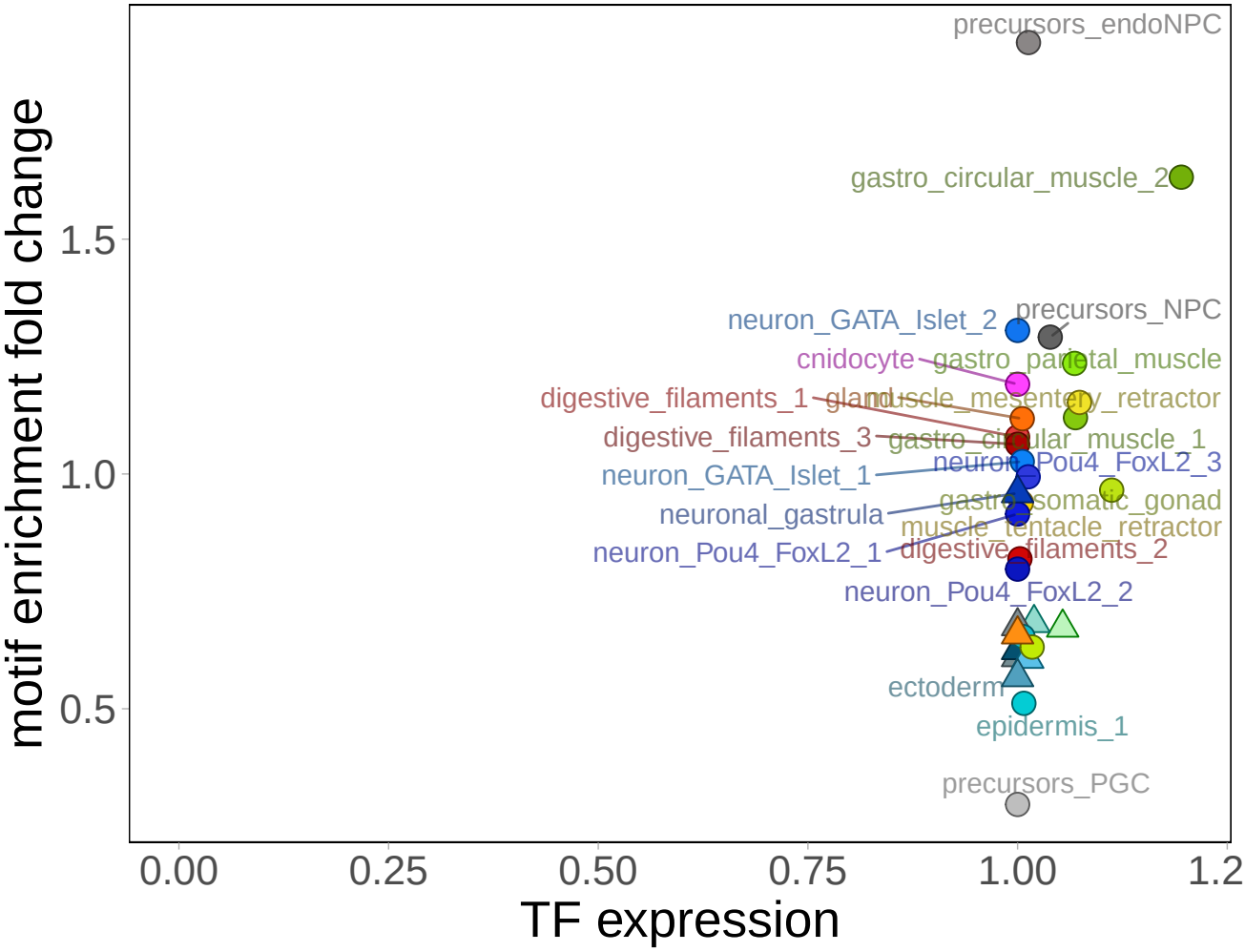




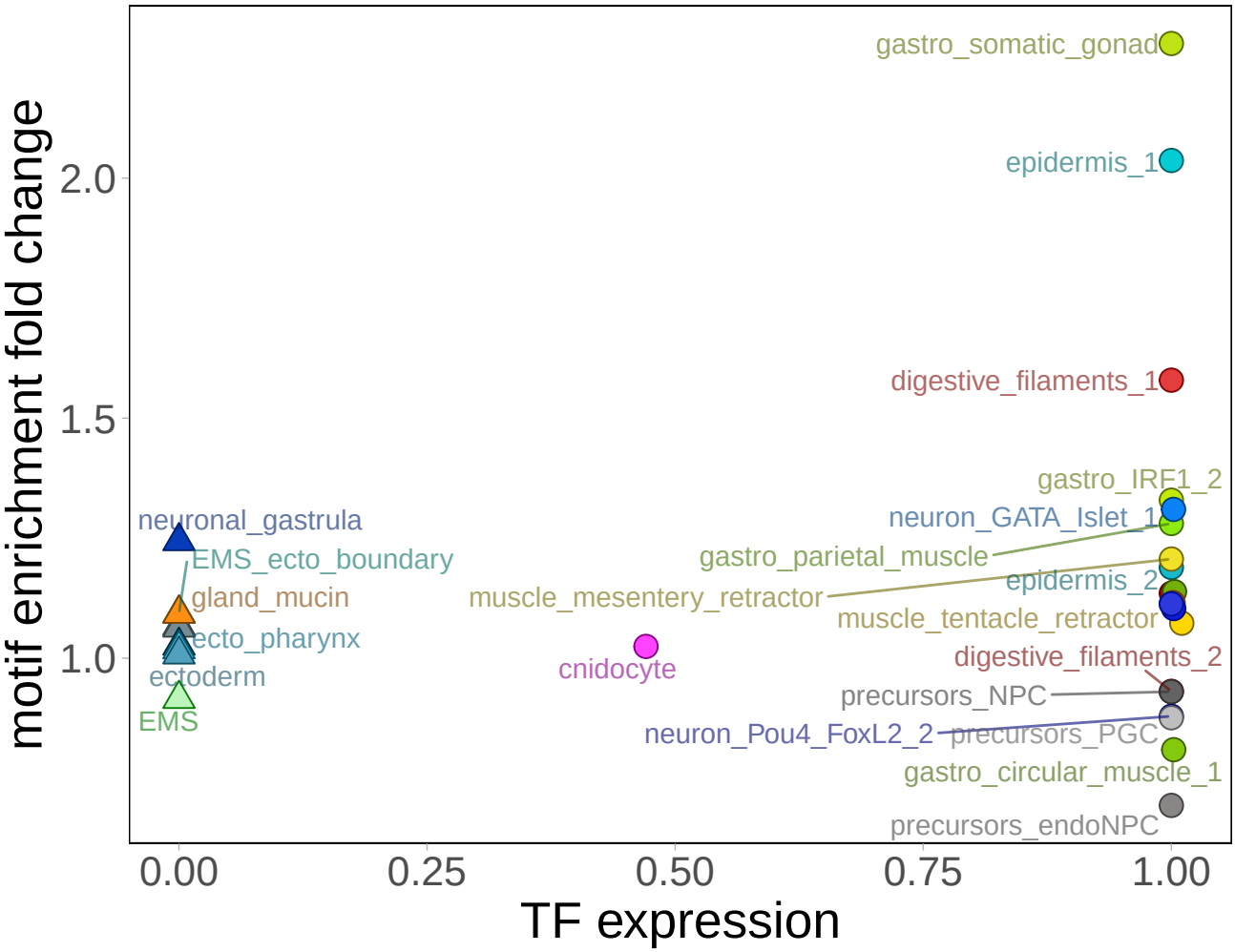
Nvec_vc1.1_XM_032384450.2
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH5_Egr3/Egr1_Klf5_Klf7_S...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 636
gene expression correlation: −0.1205
gene score correlation: −0.4715



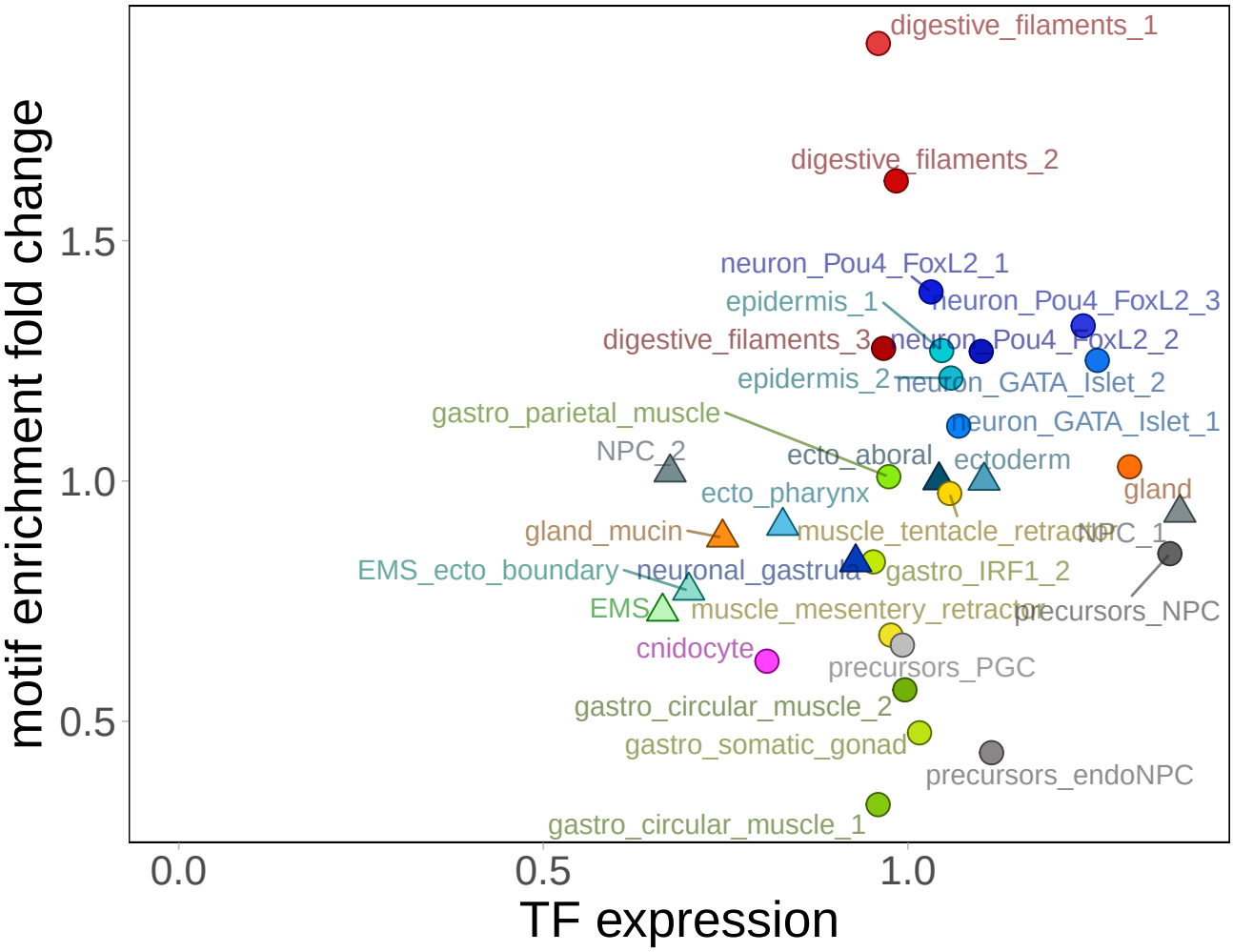
Nvec_vc1.1_XM_032384474.2
OG: HLH.HG1.85:SCX/TCF15
PFAM: HLH
motif: ARCH1117_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4322
gene score correlation: 0.2748



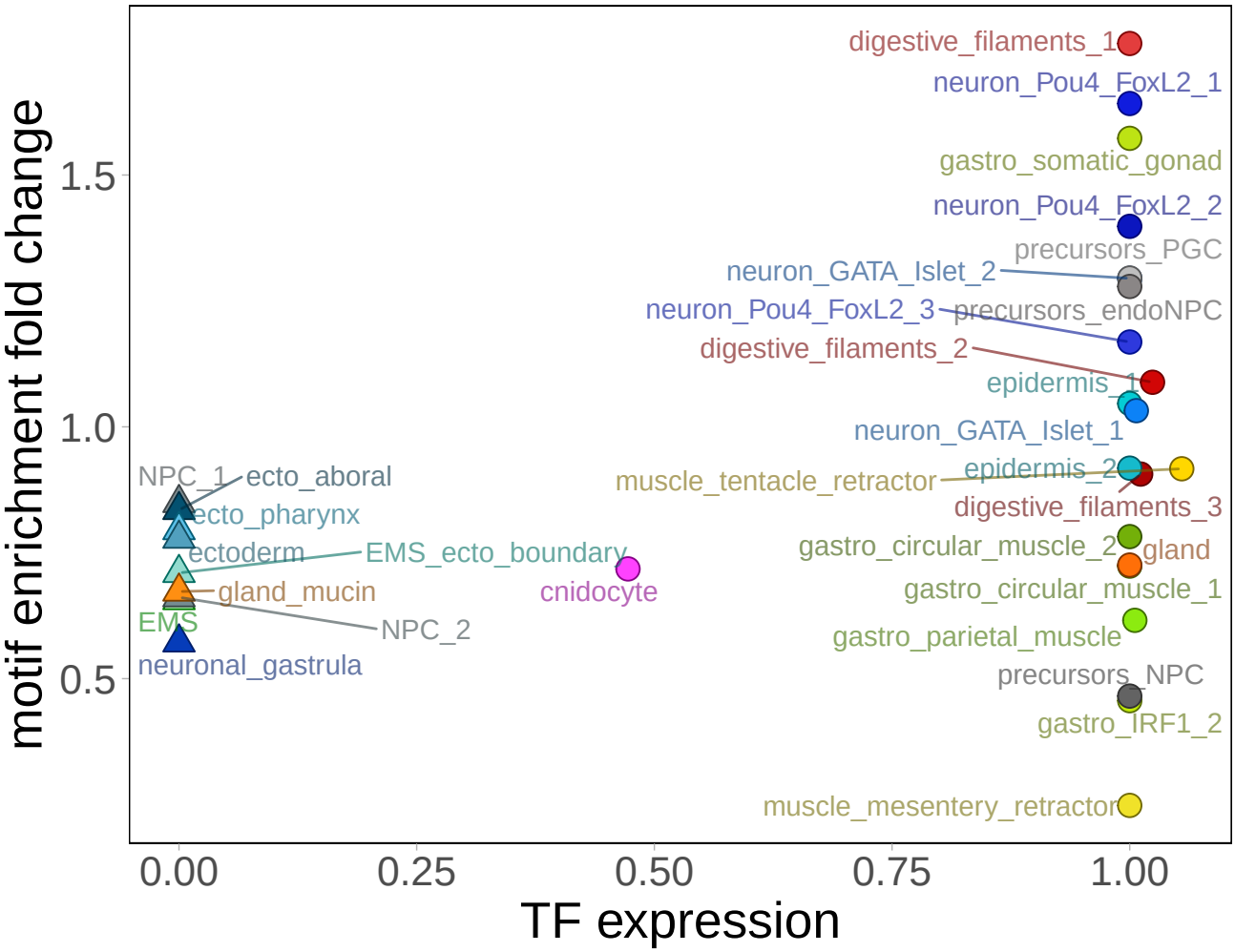
Nvec_vc1.1_XM_032384492.2
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 488
gene expression correlation: 0.2024
gene score correlation: −0.0611



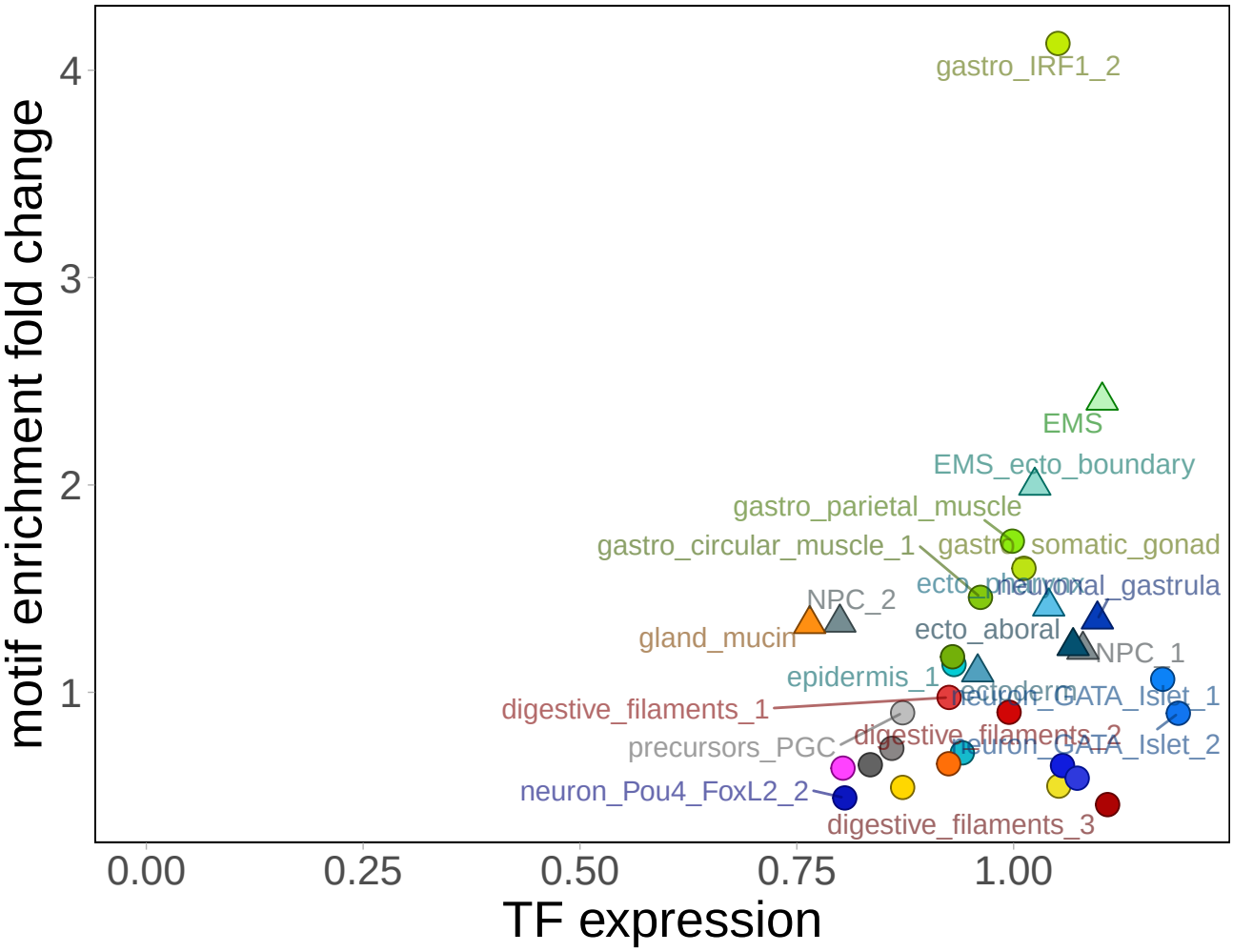
Nvec_vc1.1_XM_032384949.2
OG: Homeodomains.HG2.8:LHX2/LHX9
PFAM: LIM/LIM/Homeodomain
motif: ARCH302_Emx1/Emx2_Hmx1/Hmx3...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1870
gene score correlation: 0.3512



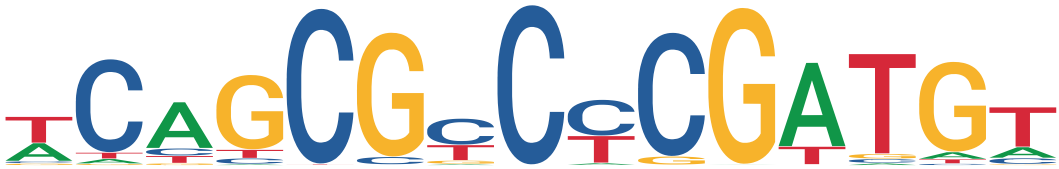
Nvec_vc1.1_XM_032385045.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH26_Nkx3−2
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 626
gene expression correlation: 0.3746
gene score correlation: 0.1553

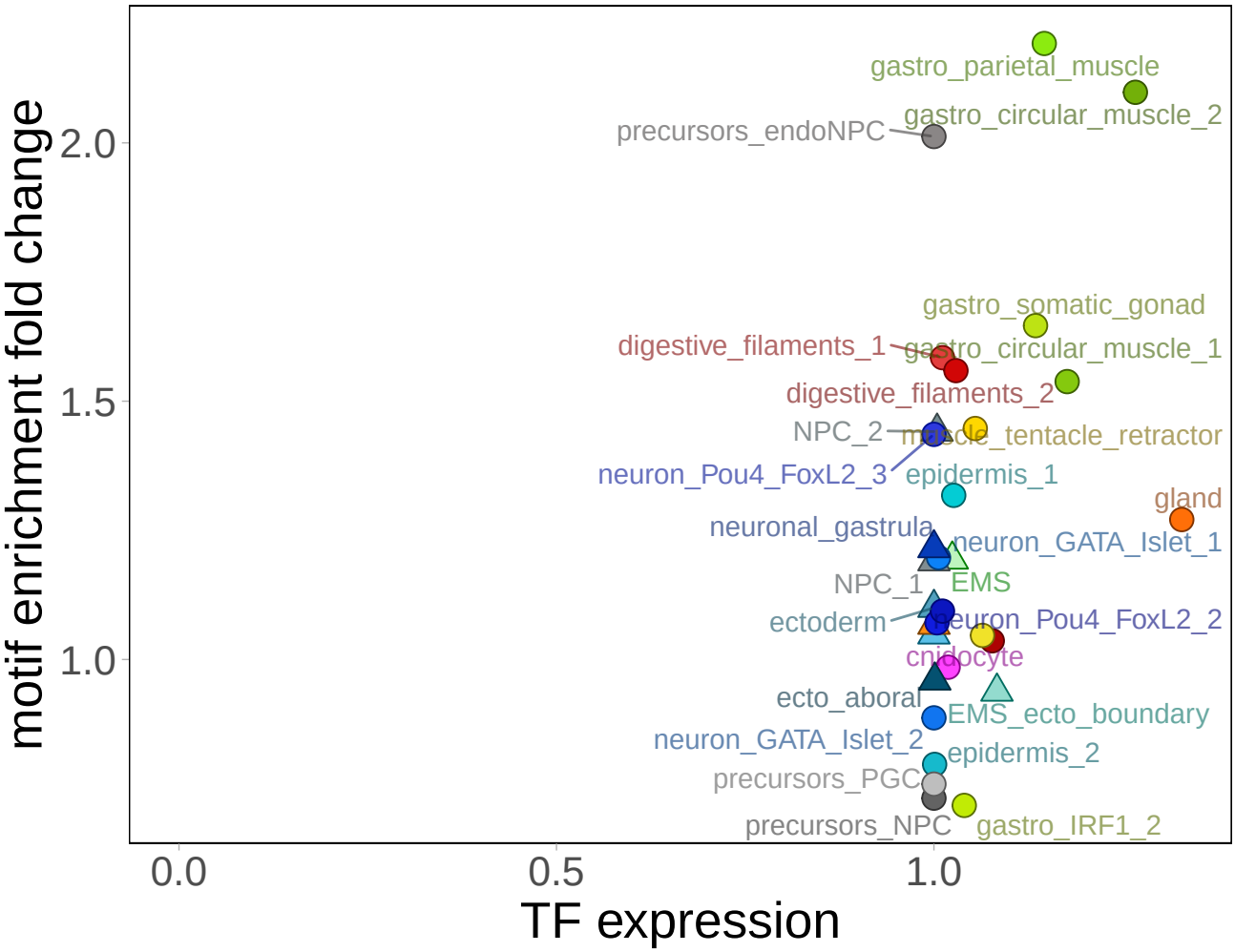


Nvec_vc1.1_XM_032385089.2
OG: Ets.HG1.7:GABPA
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 47
gene expression correlation: 0.2372
gene score correlation: 0.4976

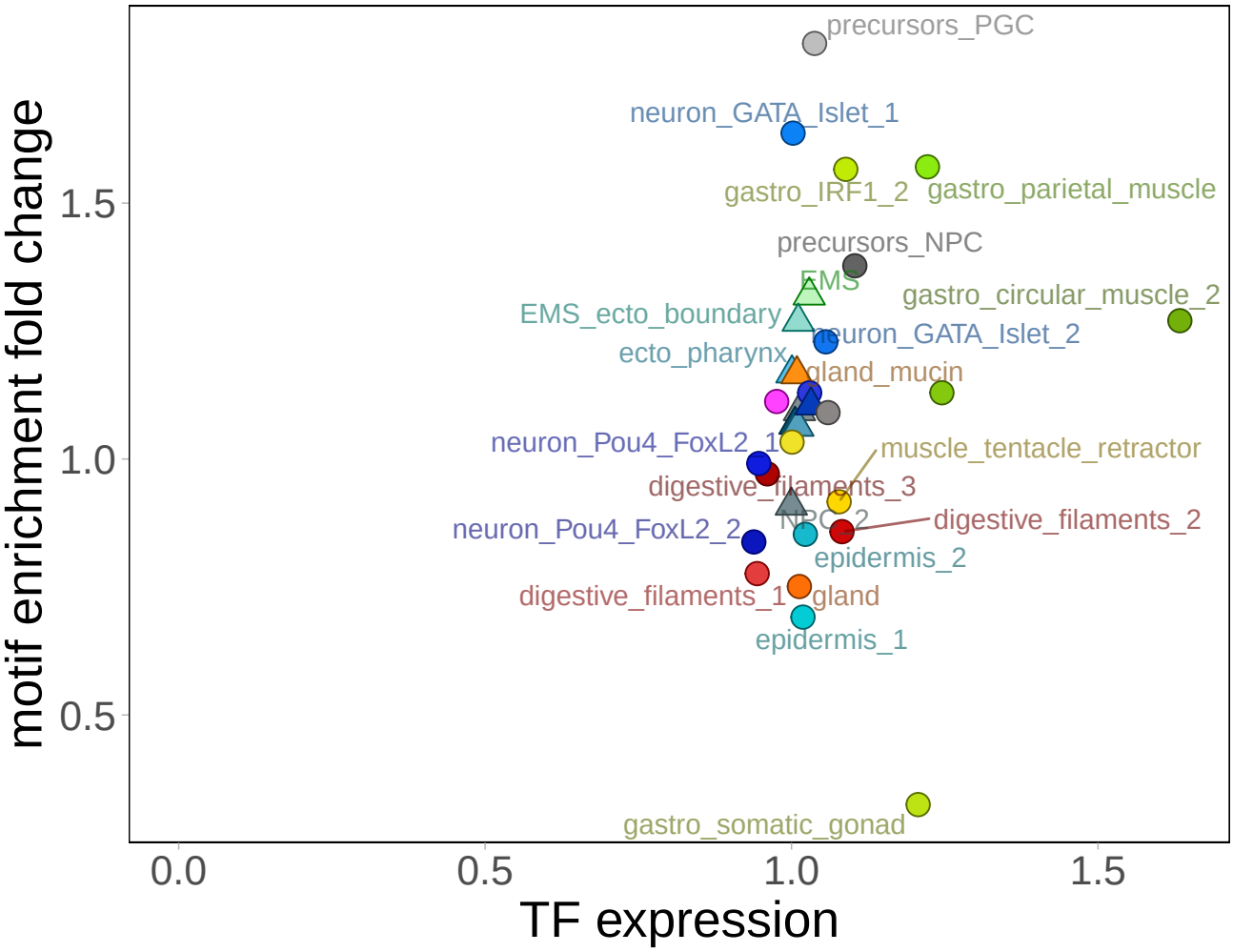


Nvec_vc1.1_XM_032385411.2
OG: HMGbox_Sox.HG1.17:PINX1/SOX7/SOX1
PFAM: HMG_box
motif: ARCH924_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 314
gene expression correlation: 0.4508
gene score correlation: 0.5680

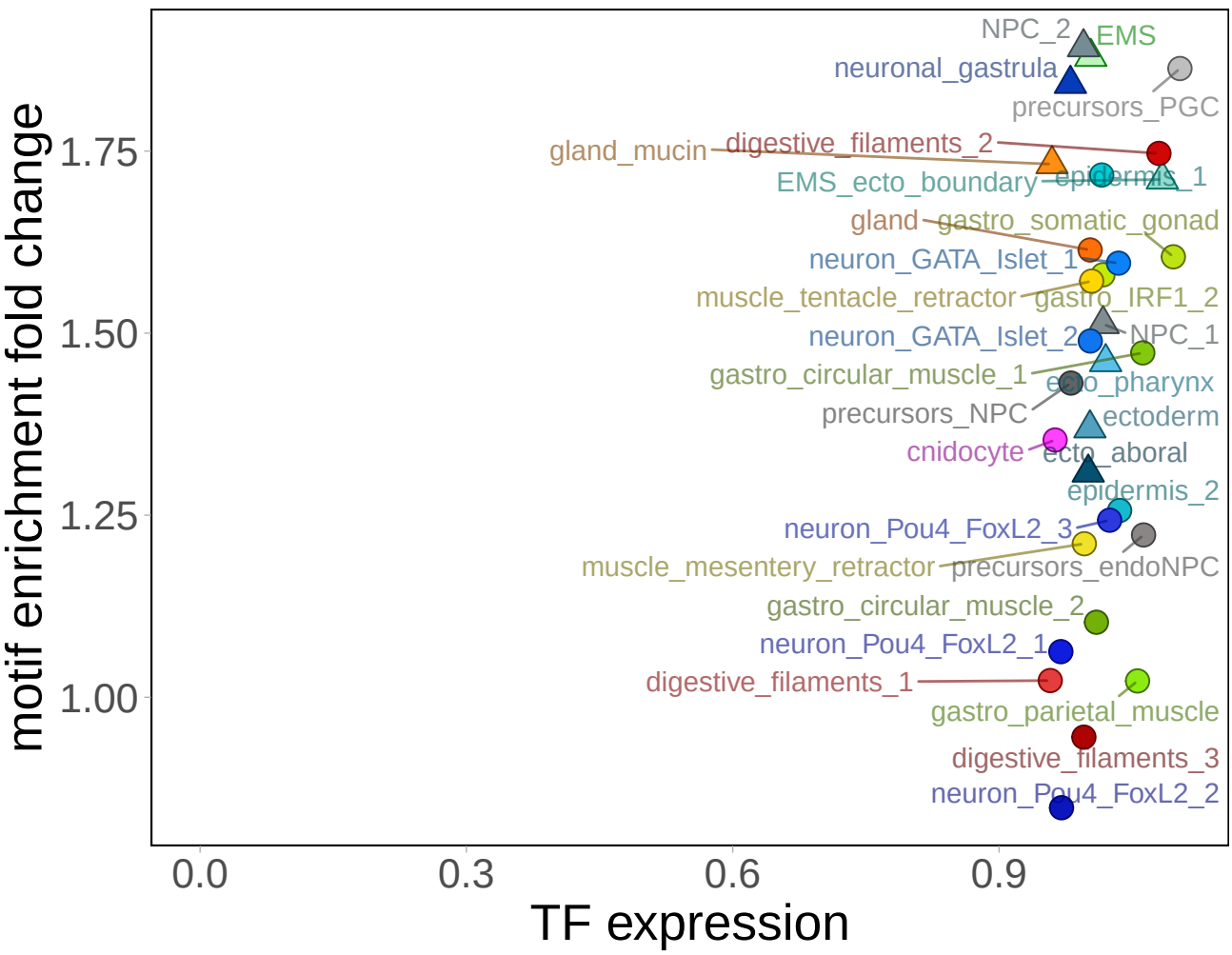




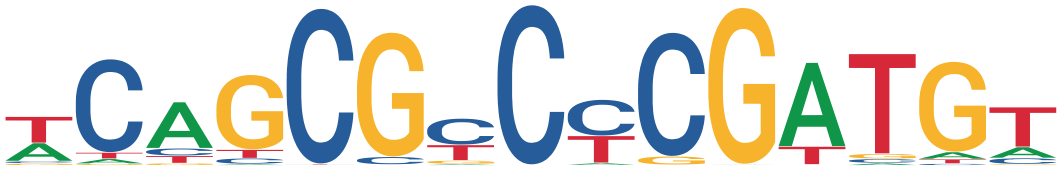
Nvec_vc1.1_XM_032385715.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 81
gene expression correlation: 0.1419
gene score correlation: 0.2035

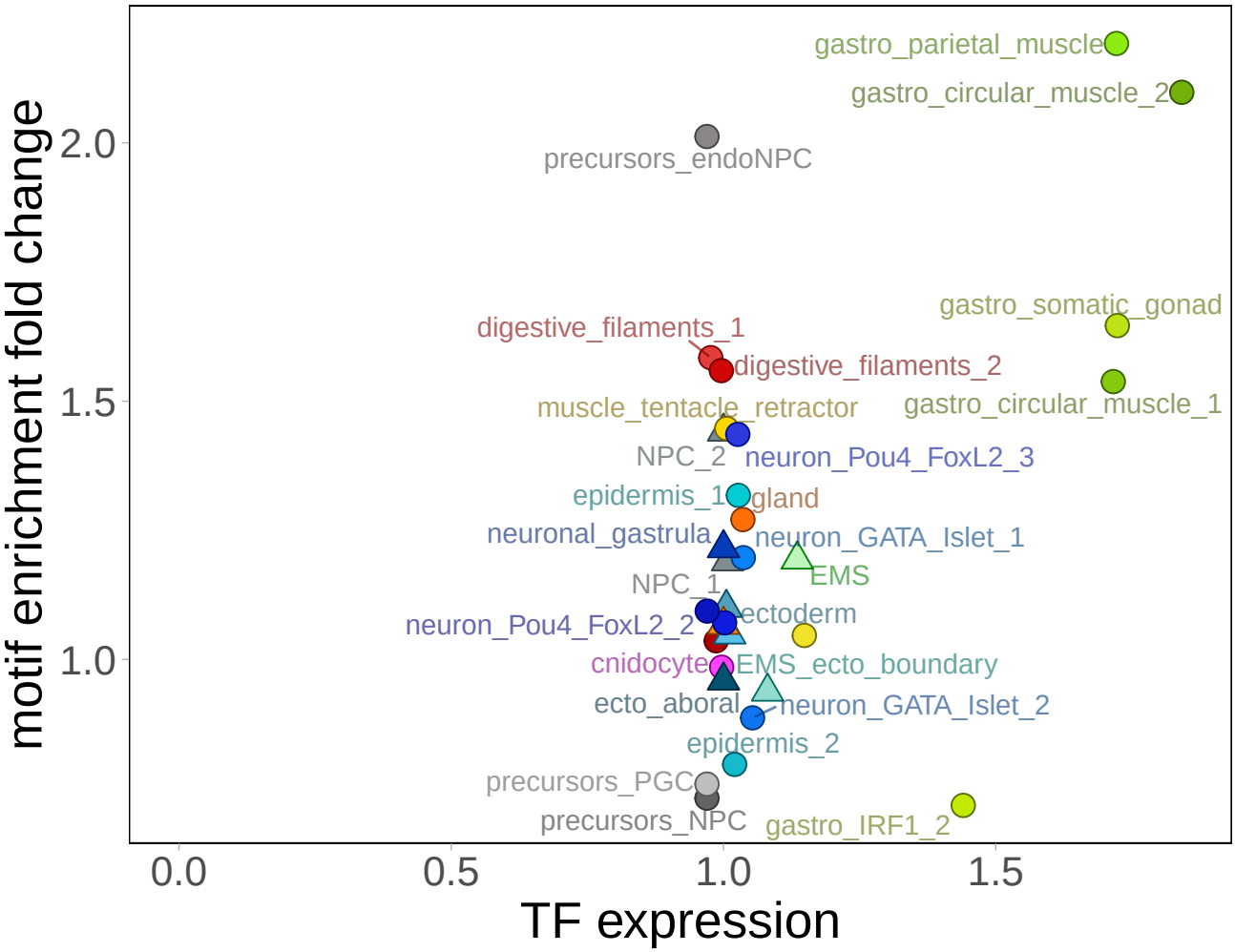


Nvec_vc1.1_XM_032385905.2
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2
motif: ARCH1621_M09942_2.00
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 1186
gene expression correlation: 0.2947
gene score correlation: 0.0721

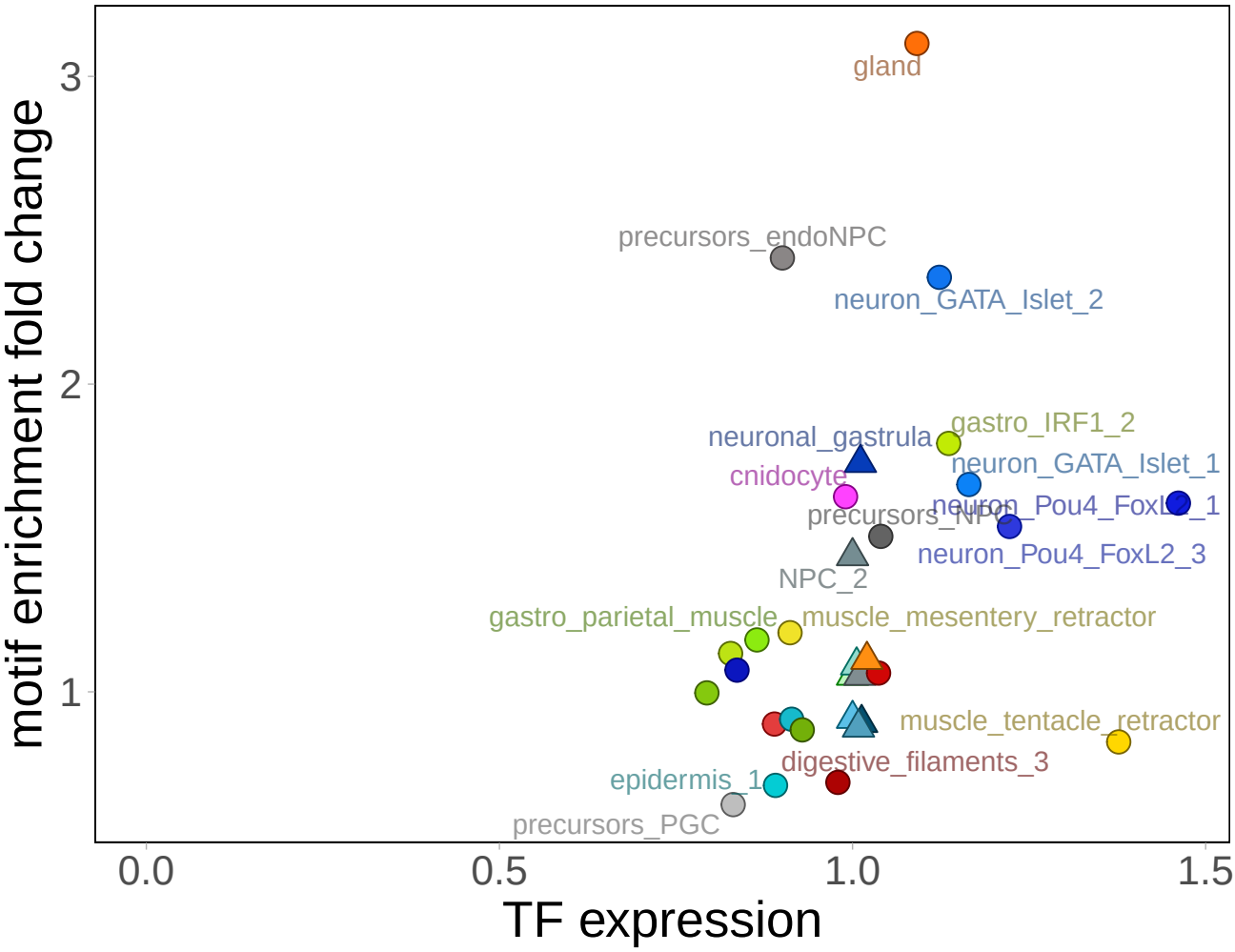


Nvec_vc1.1_XM_032386296.2
OG: HMGbox_Sox.HG1.18:like:SOX1/SOX2/S
PFAM: HMG_box
motif: ARCH924_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 947
gene expression correlation: 0.5332
gene score correlation: 0.0413

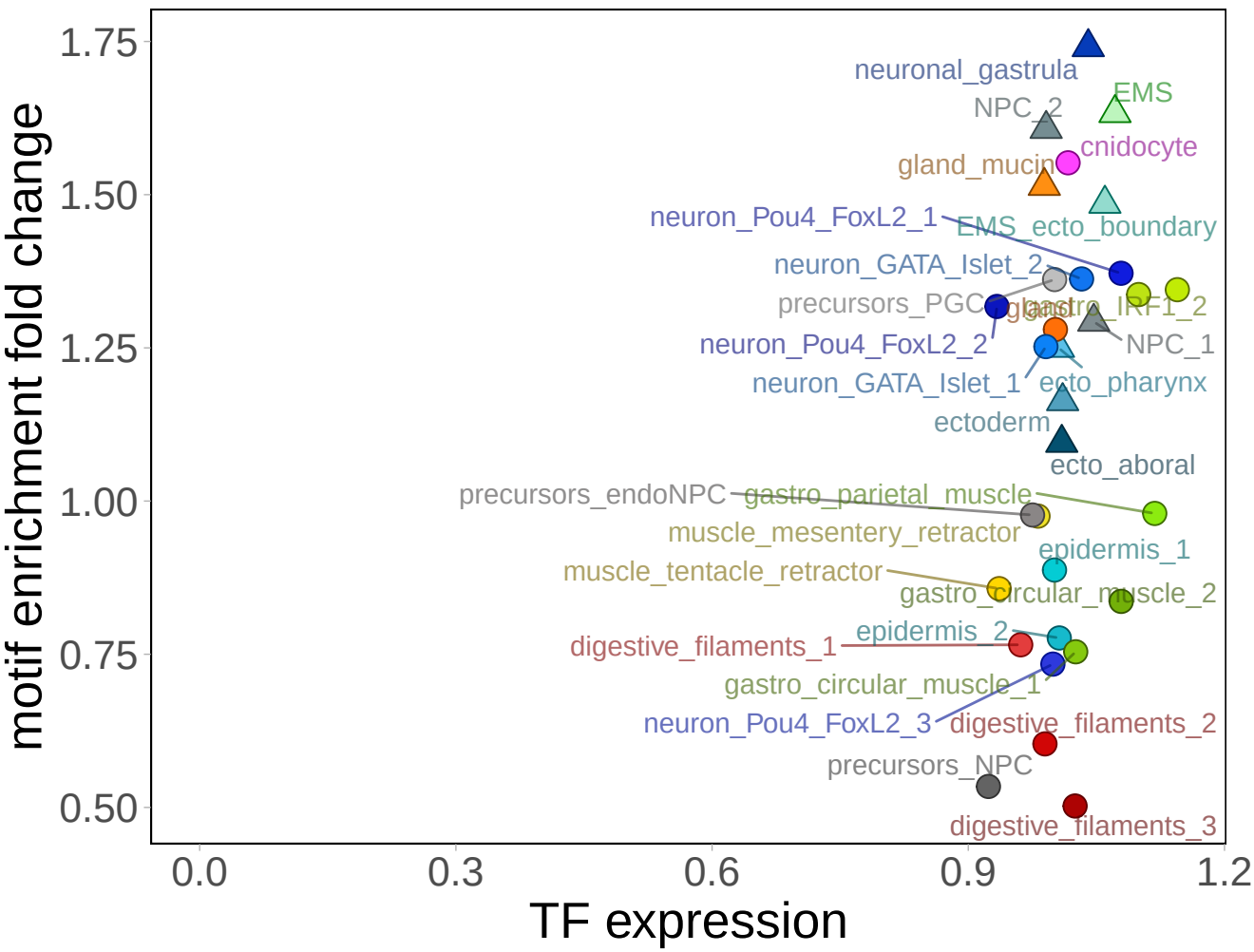




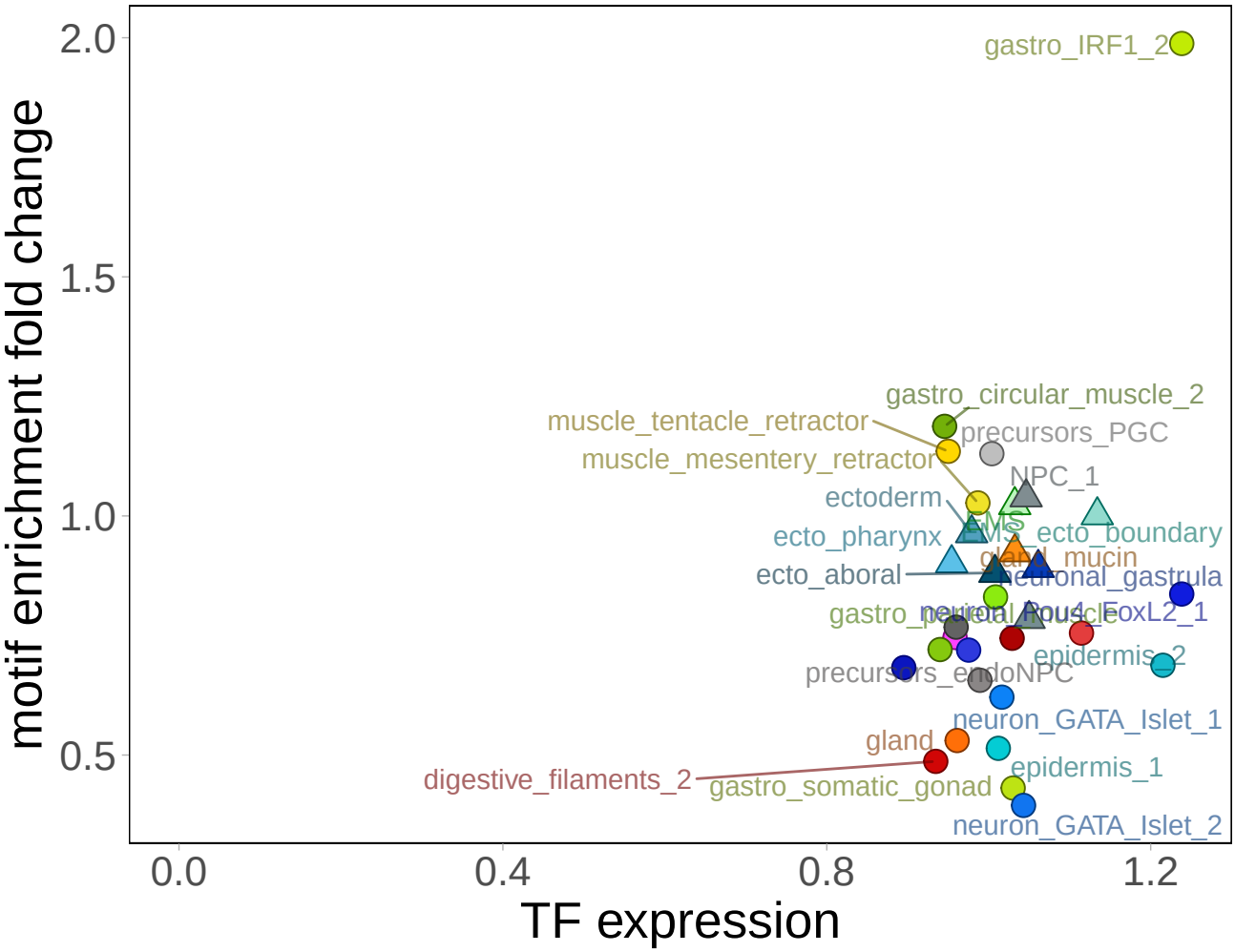
Nvec_vc1.1_XM_032386356.2
OG: HLH.HG1.25:SREBF1/SREBF2
PFAM: HLH
motif: ARCH749_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 384
gene expression correlation: 0.3110
gene score correlation: −0.0752



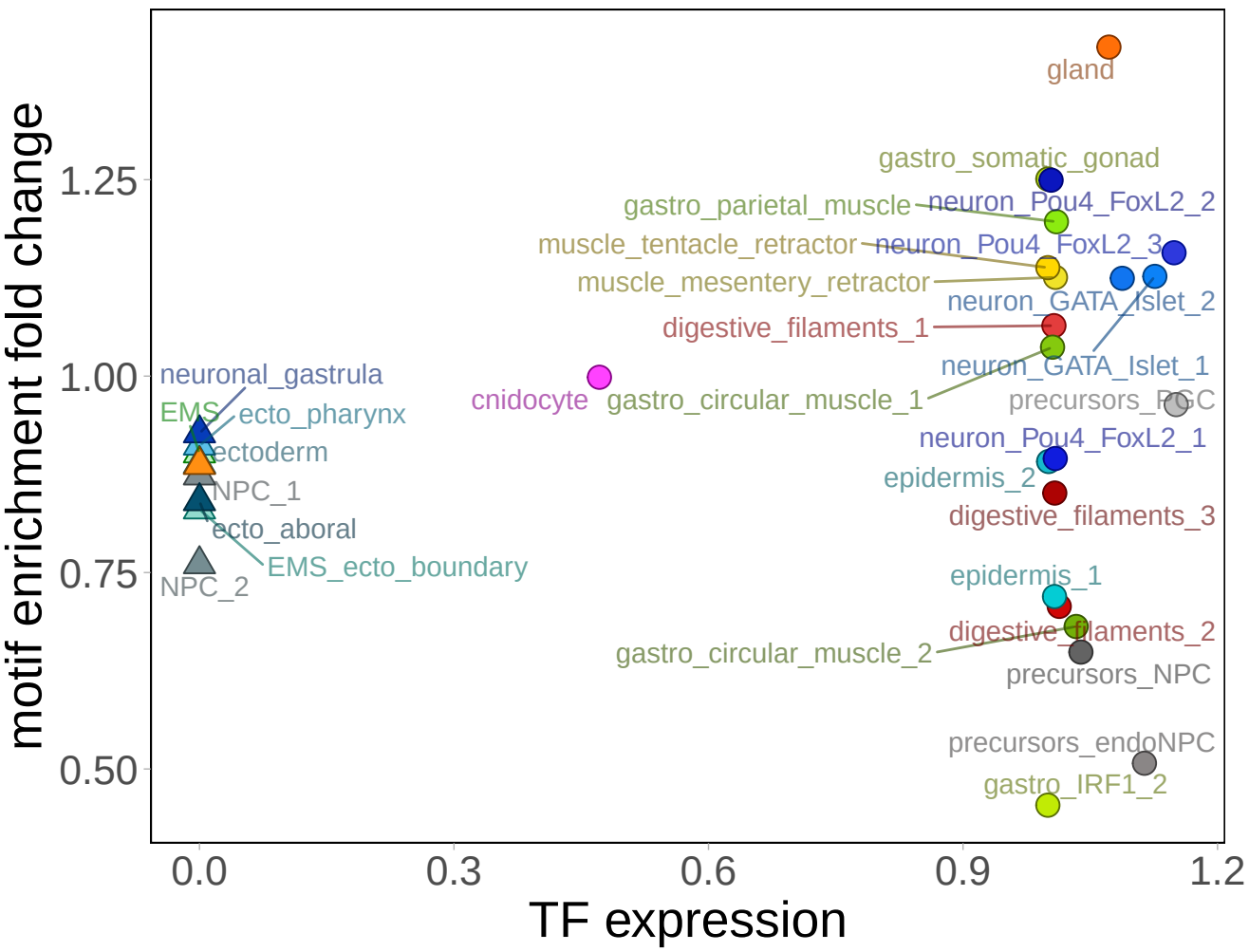
Nvec_vc1.1_XM_032386357.2
OG: HLH.HG1.25:SREBF1/SREBF2
PFAM: HLH
motif: ARCH1577_Srebf2/Srebf1
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 2
gene expression correlation: 0.3239
gene score correlation: 0.0395



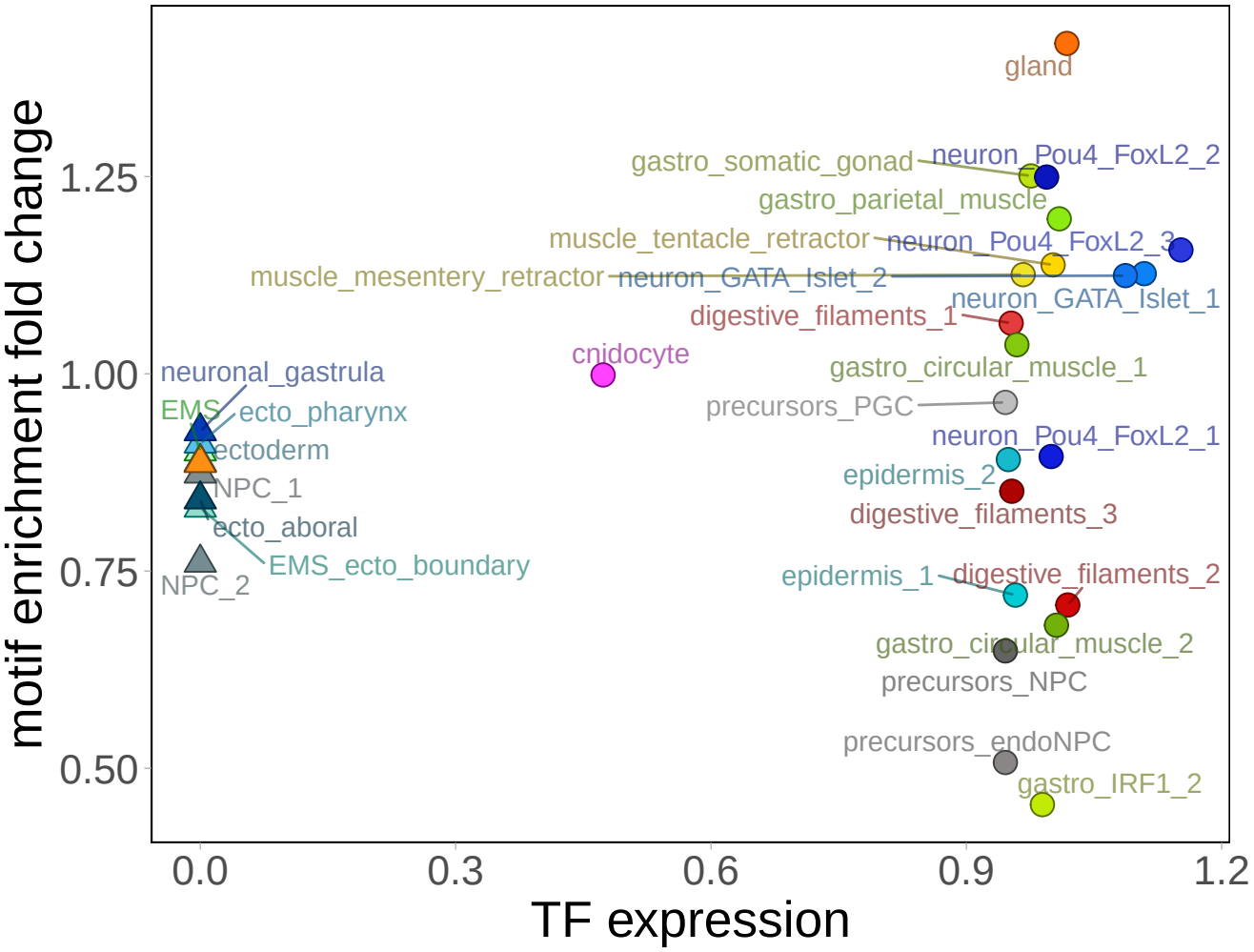
Nvec_vc1.1_XM_032387218.2
OG: zf−C2H2.HG57.1:like:ZBTB48
PFAM: zf−C2H2_6/zf−C2H2_6/zf−met/zf−C2H
motif: ARCH500_ZNF467
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1639
gene expression correlation: 0.3394
gene score correlation: −0.0855



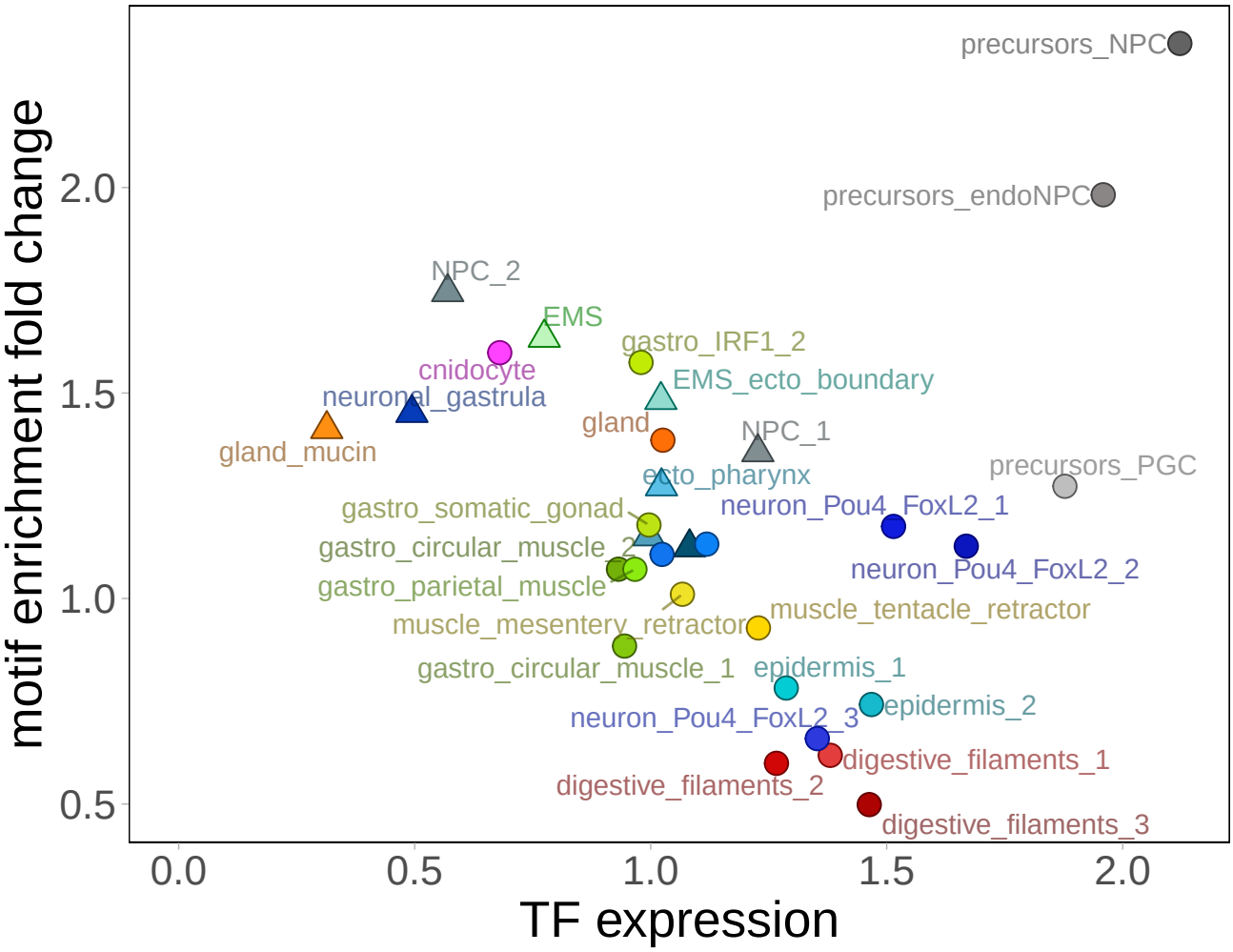
Nvec_vc1.1_XM_032387281.2
OG: zf−C2H2.HG15.1:OVOL1/OVOL2/OVOL3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 460
gene expression correlation: 0.1941
gene score correlation: −0.3499



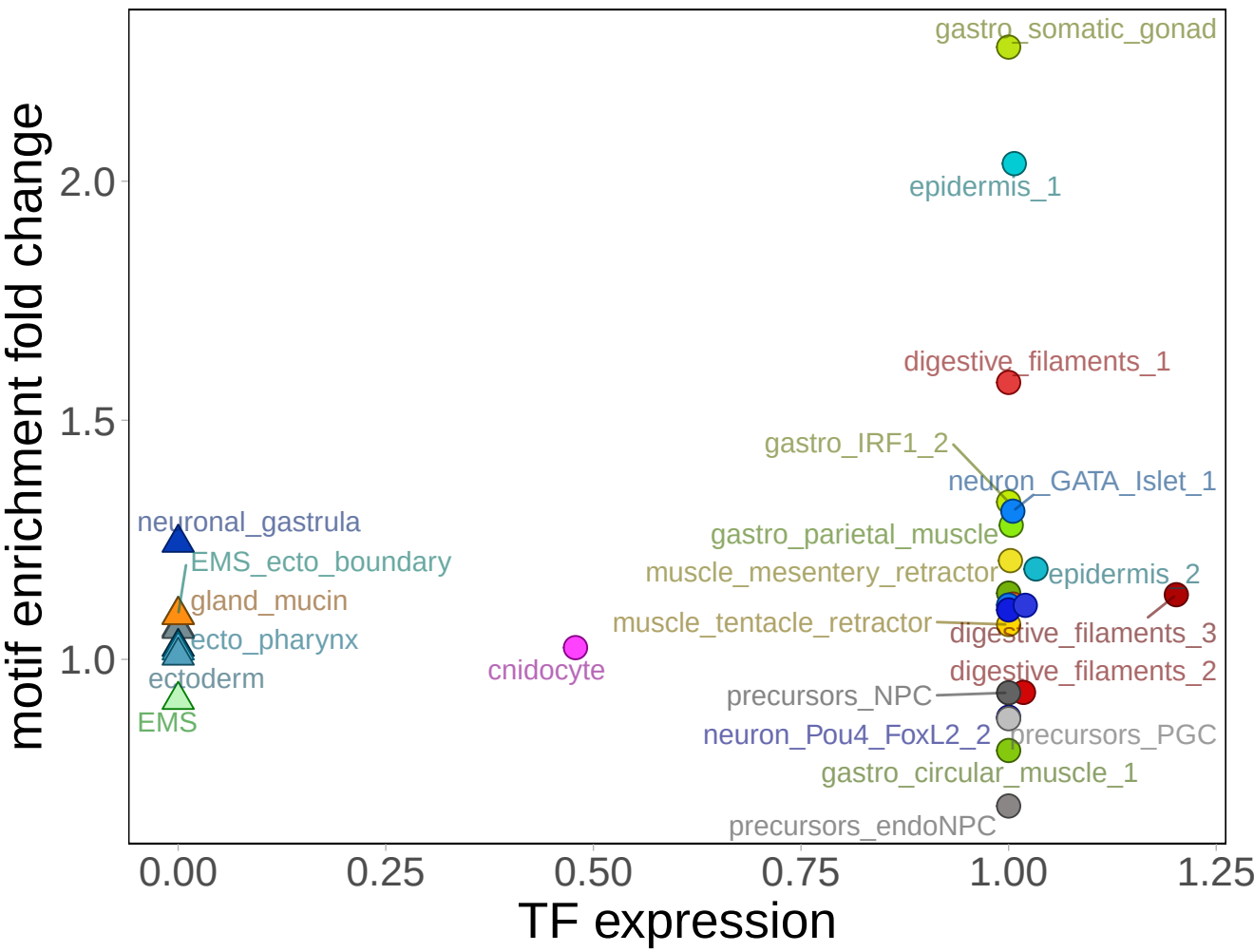
Nvec_vc1.1_XM_048720215.1
OG: zf−C2H2.HG116.0:NA
PFAM: zf−C2H2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 684
gene expression correlation: 0.2233
gene score correlation: 0.2609



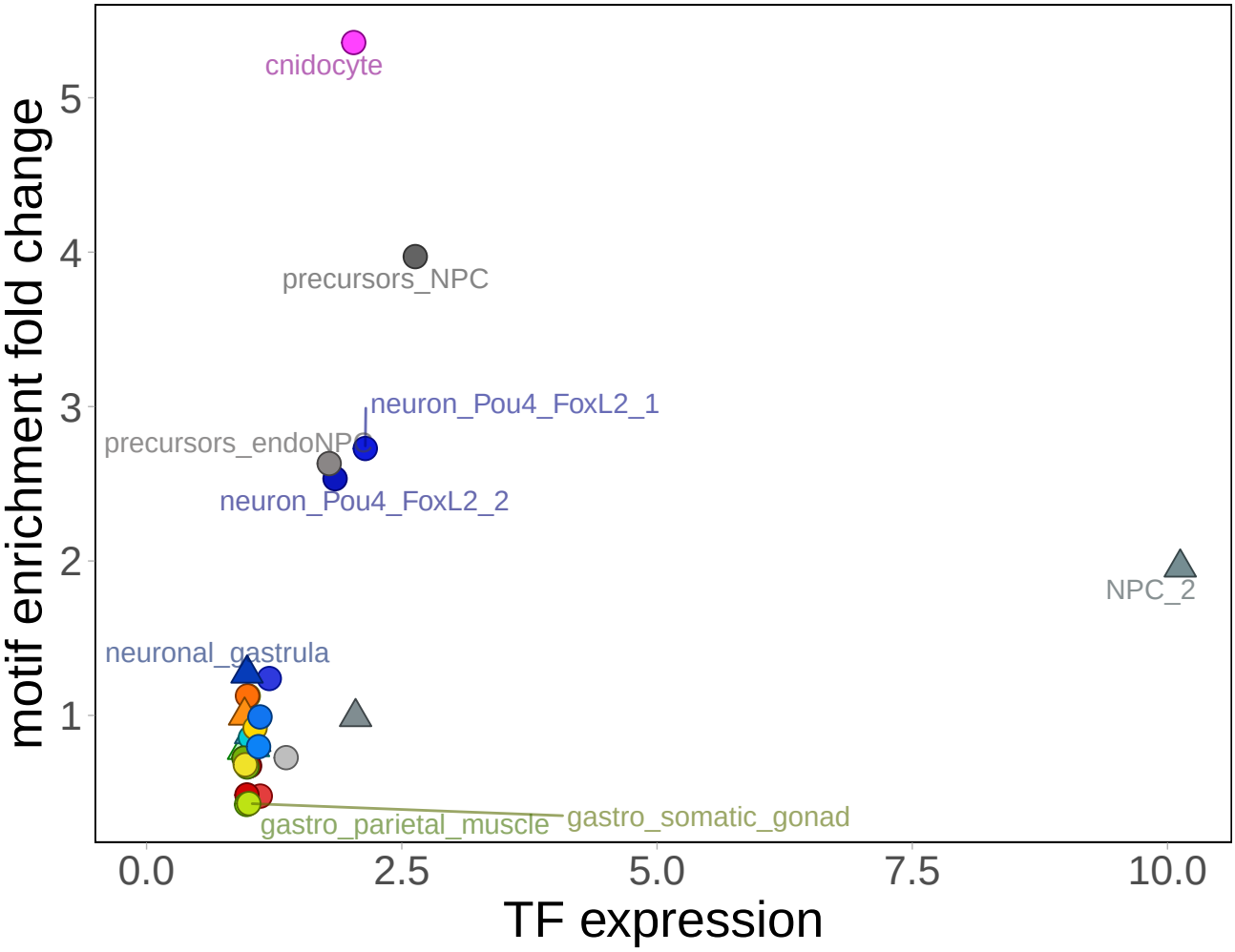
Nvec_vc1.1_XM_048721183.1
OG: HLH.HG1.24:MAX
PFAM: HLH/TPR_8/PPP5/Metallophos
motif: ARCH401_Max/Ppp5c_Usf3
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 186
gene expression correlation: 0.0060
gene score correlation: 0.3955



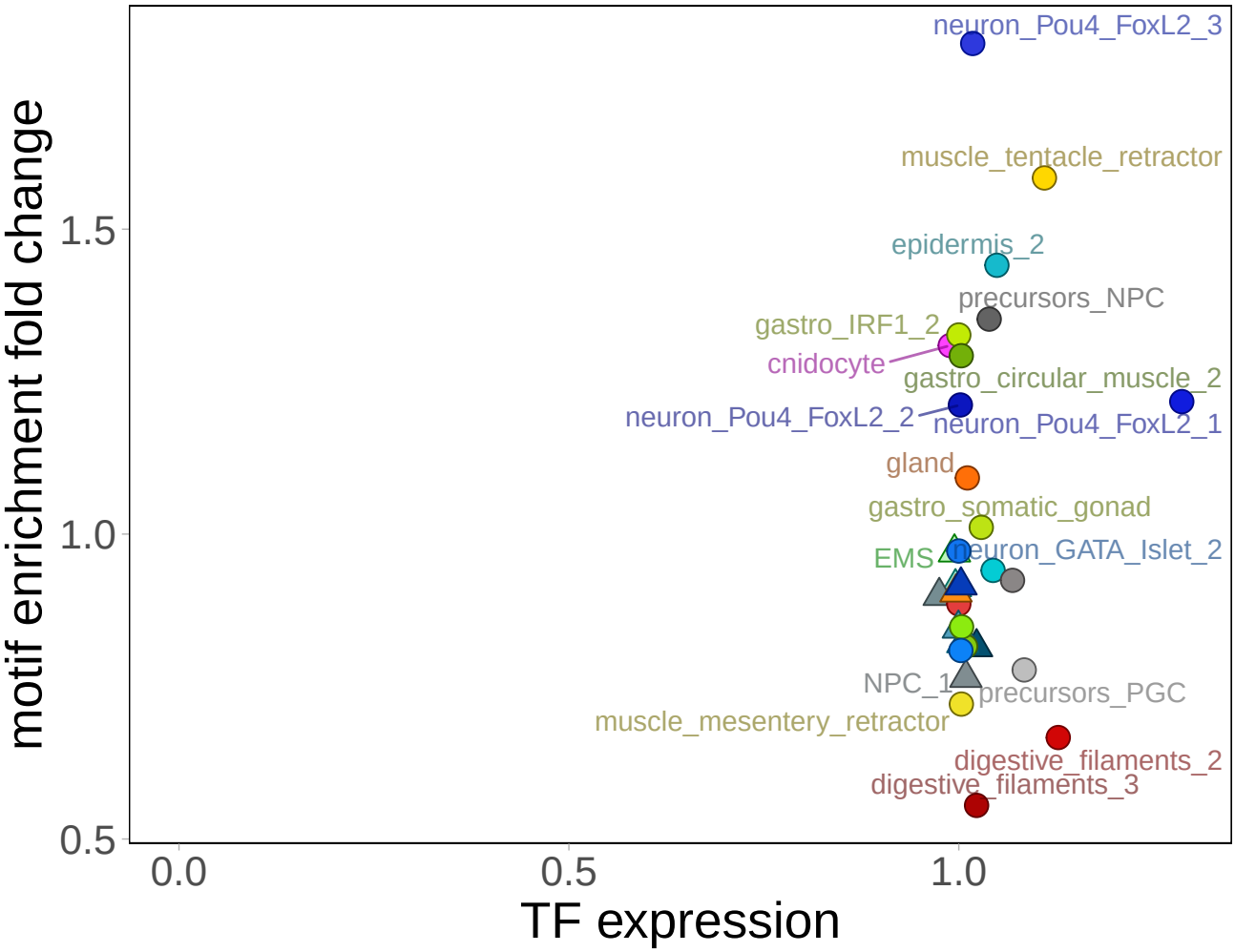
Nvec_vc1.1_XM_048721315.1
OG: HLH.HG1.31:like:ASCL1/ASCL2/ASCL3/A
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1021
gene expression correlation: 0.1995
gene score correlation: 0.1013



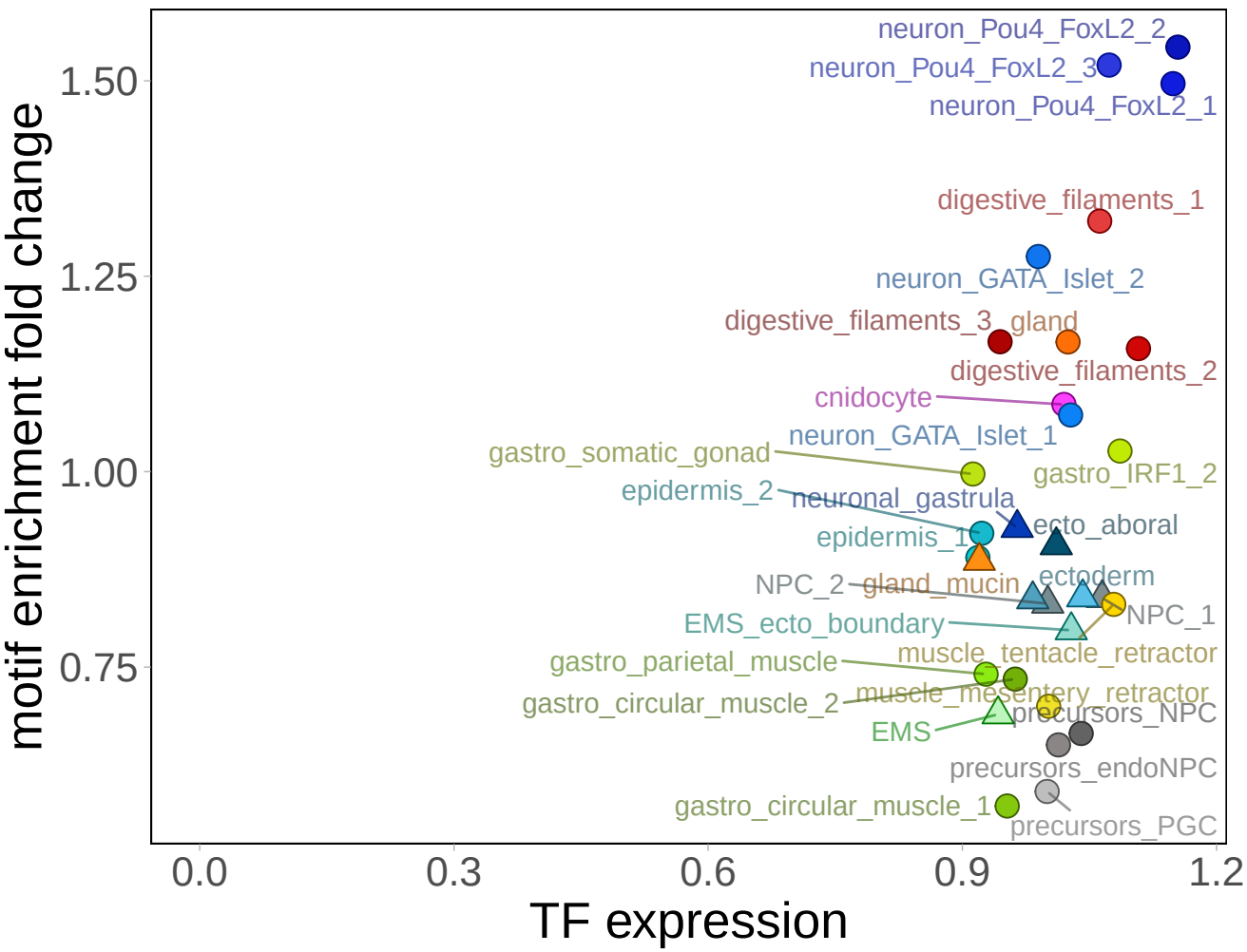
Nvec_vc1.1_XM_048721414.1
OG: zf−C2H2.HG1.7:PRDM13
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3255
gene score correlation: 0.7783



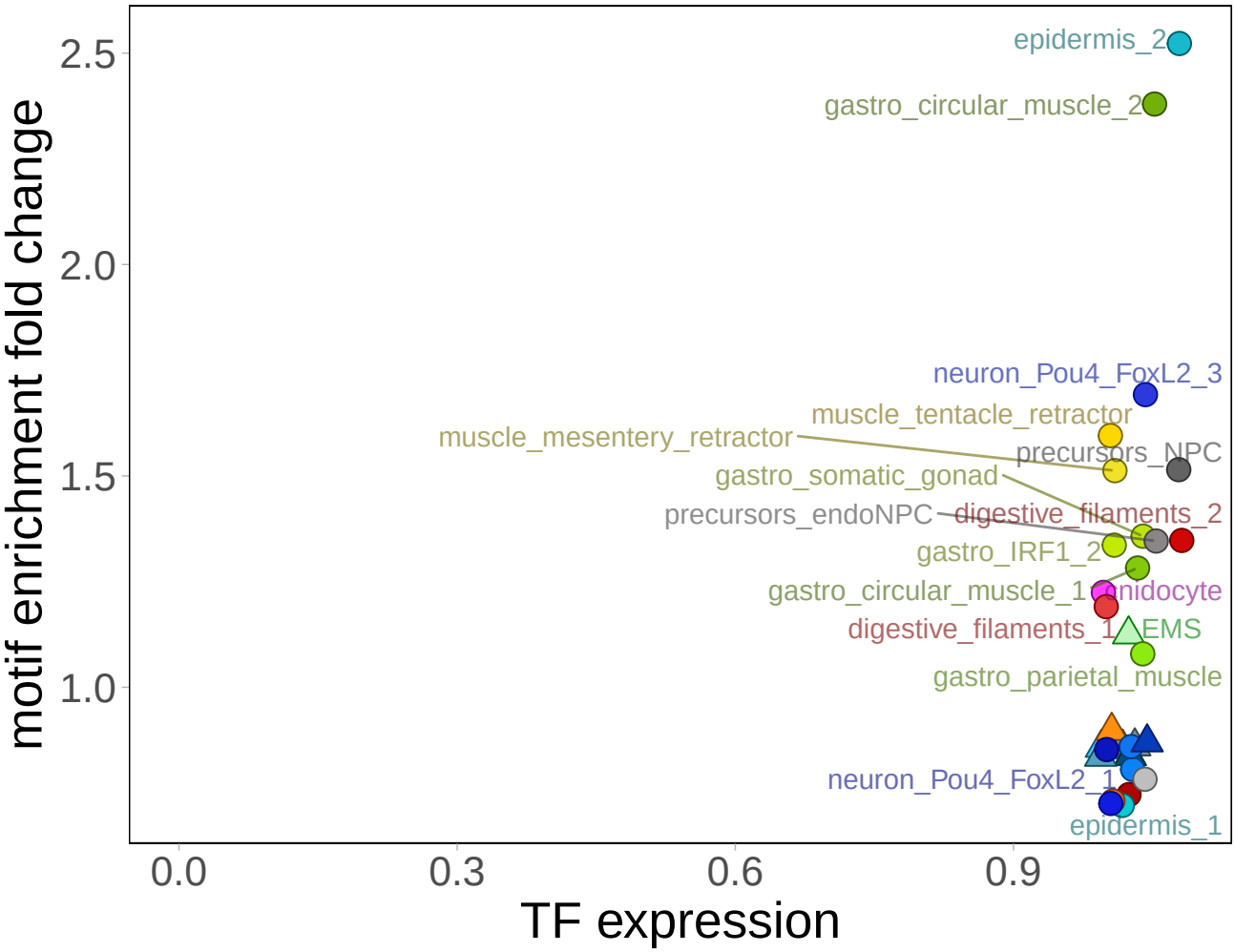
Nvec_vc1.1_XM_048721905.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1369_Zfp7/Gm21060
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 923
gene expression correlation: 0.1520
gene score correlation: −0.3979



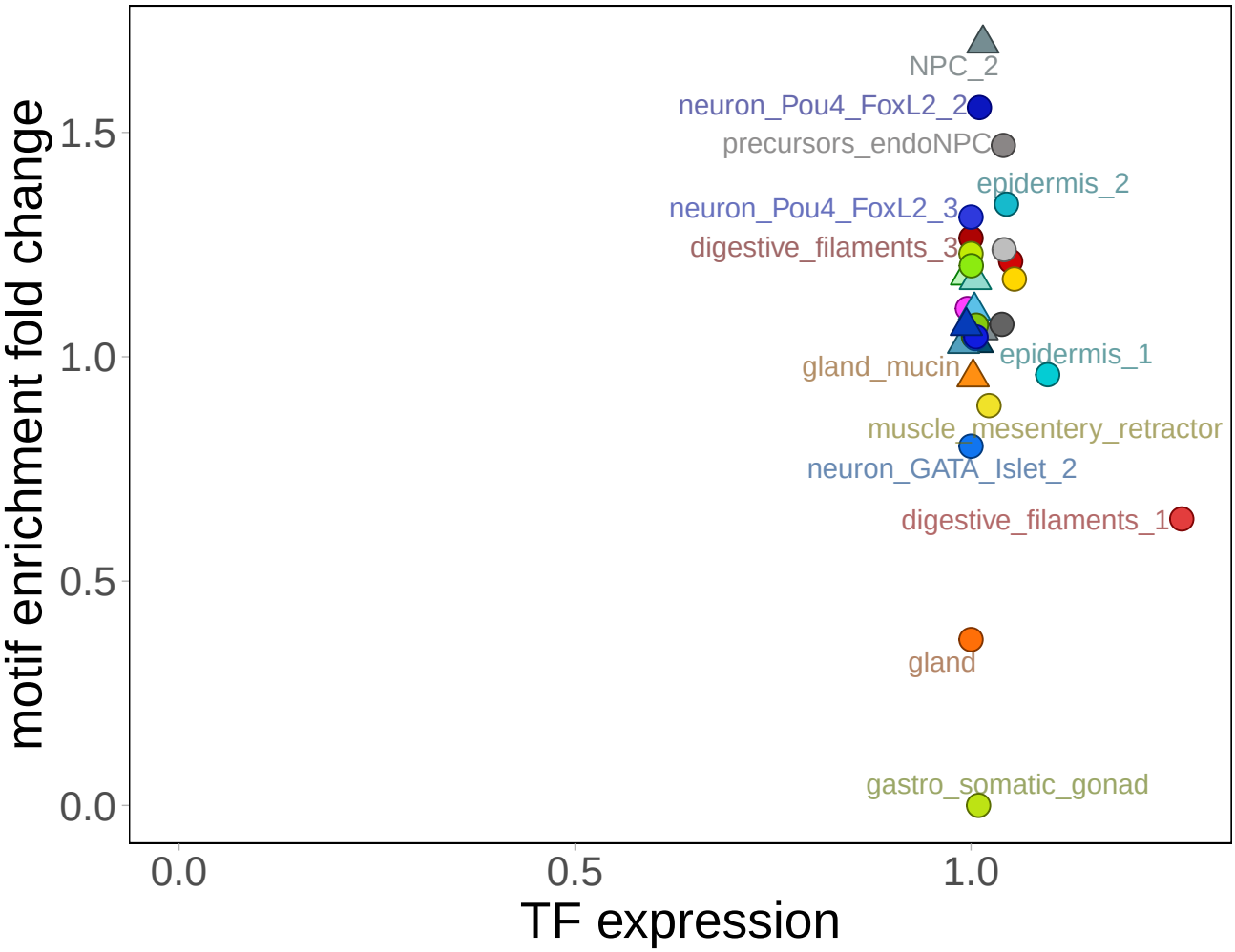
Nvec_vc1.1_XM_048722594.1
OG: ARID_BRIGHT.HG1.3:ARID2
PFAM: ARID/RFX_DNA_binding
motif: ARCH1088_Arid5b/Arid5a
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: FALSE
rank: 272
gene expression correlation: 0.5356
gene score correlation: 0.0066



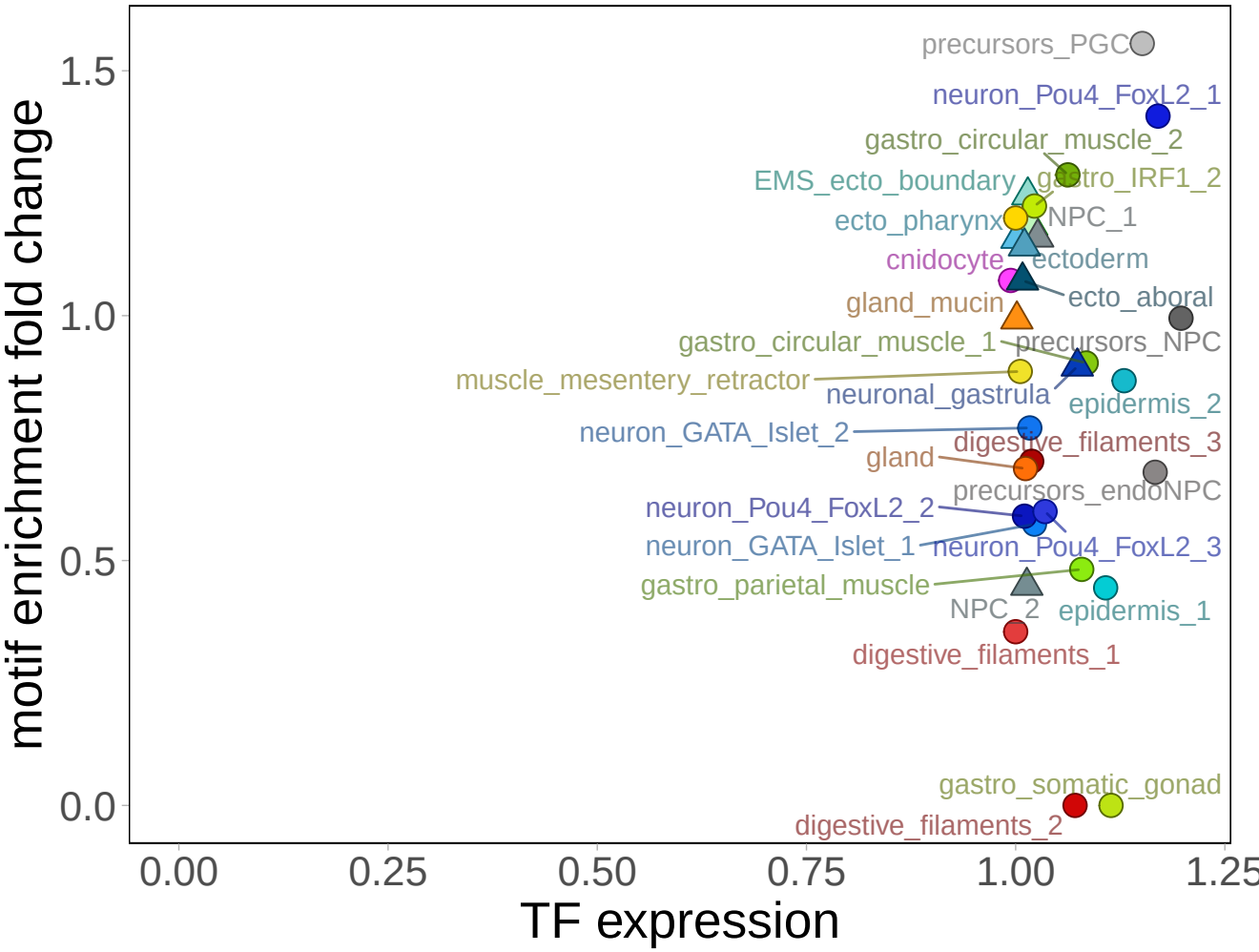
Nvec_vc1.1_XM_048722751.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH804_PB0207.1_Zic3_2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1370
gene expression correlation: 0.5265
gene score correlation: −0.0822



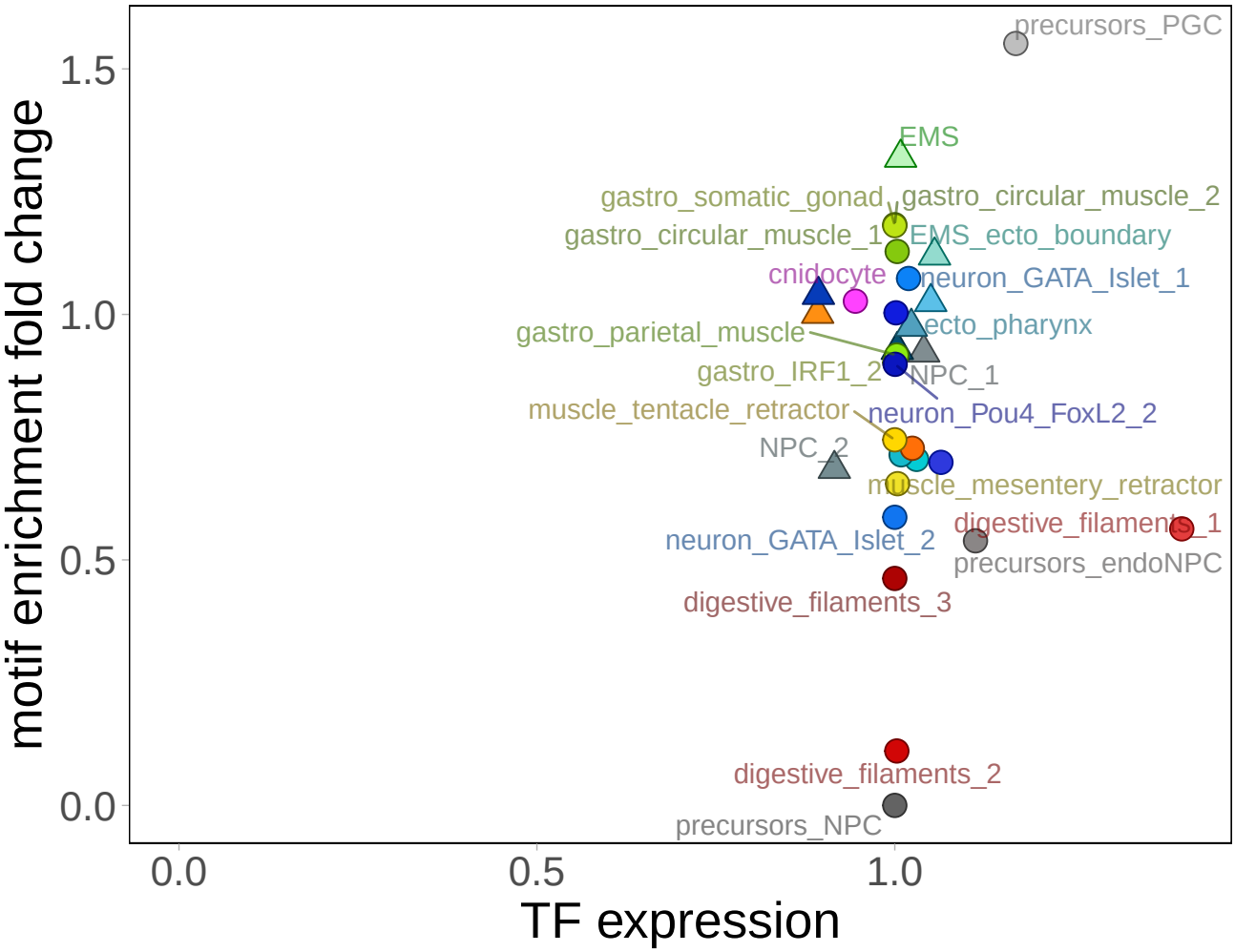
Nvec_vc1.1_XM_048722754.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H
motif: ARCH828_Zfp1000//Zfp758/Zfp...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 167
gene expression correlation: −0.1677
gene score correlation: 0.0440



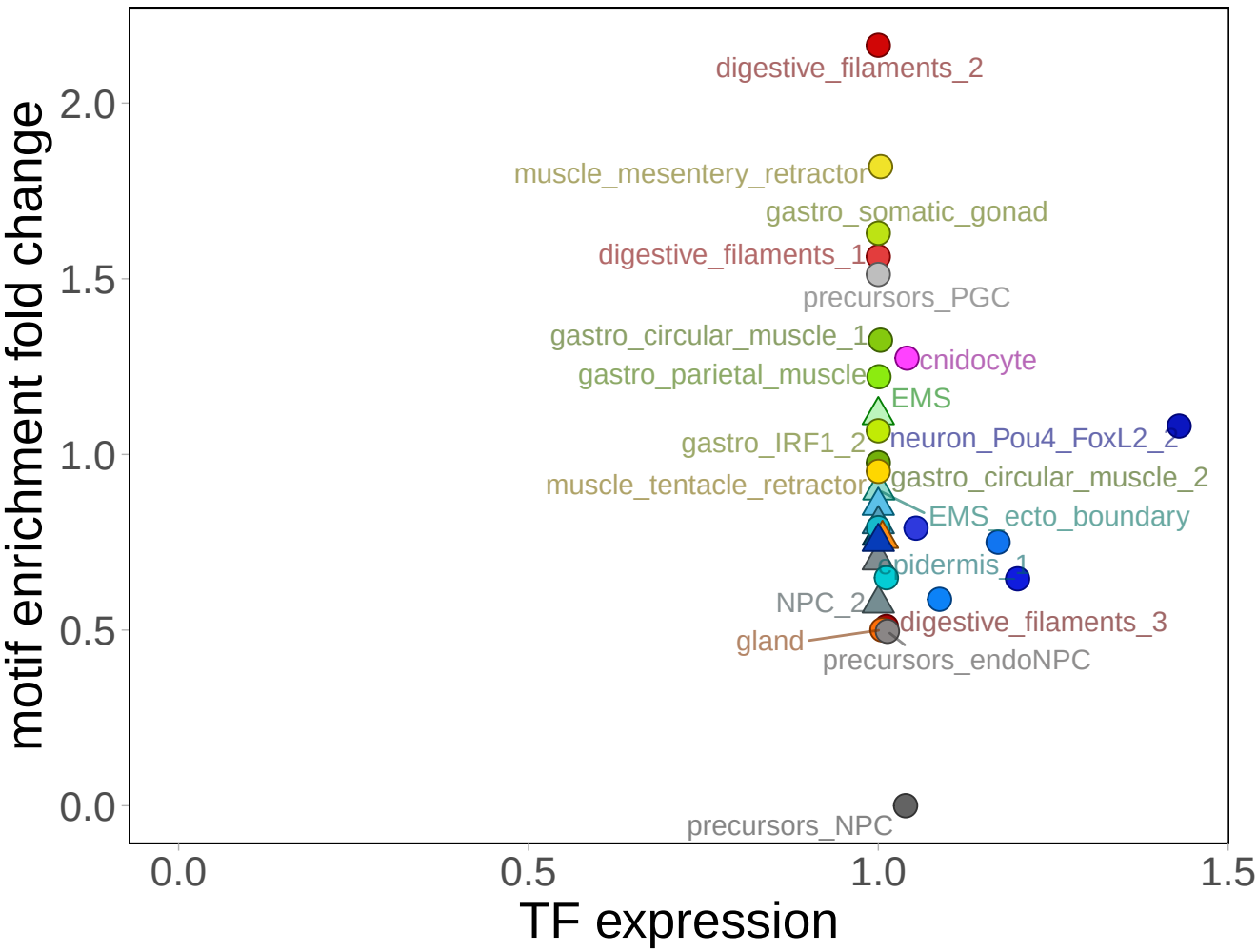
Nvec_vc1.1_XM_048722777.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH4_Klf1/Klf4/Klf2_Klf11_...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 461
gene expression correlation: 0.0018
gene score correlation: 0.1267



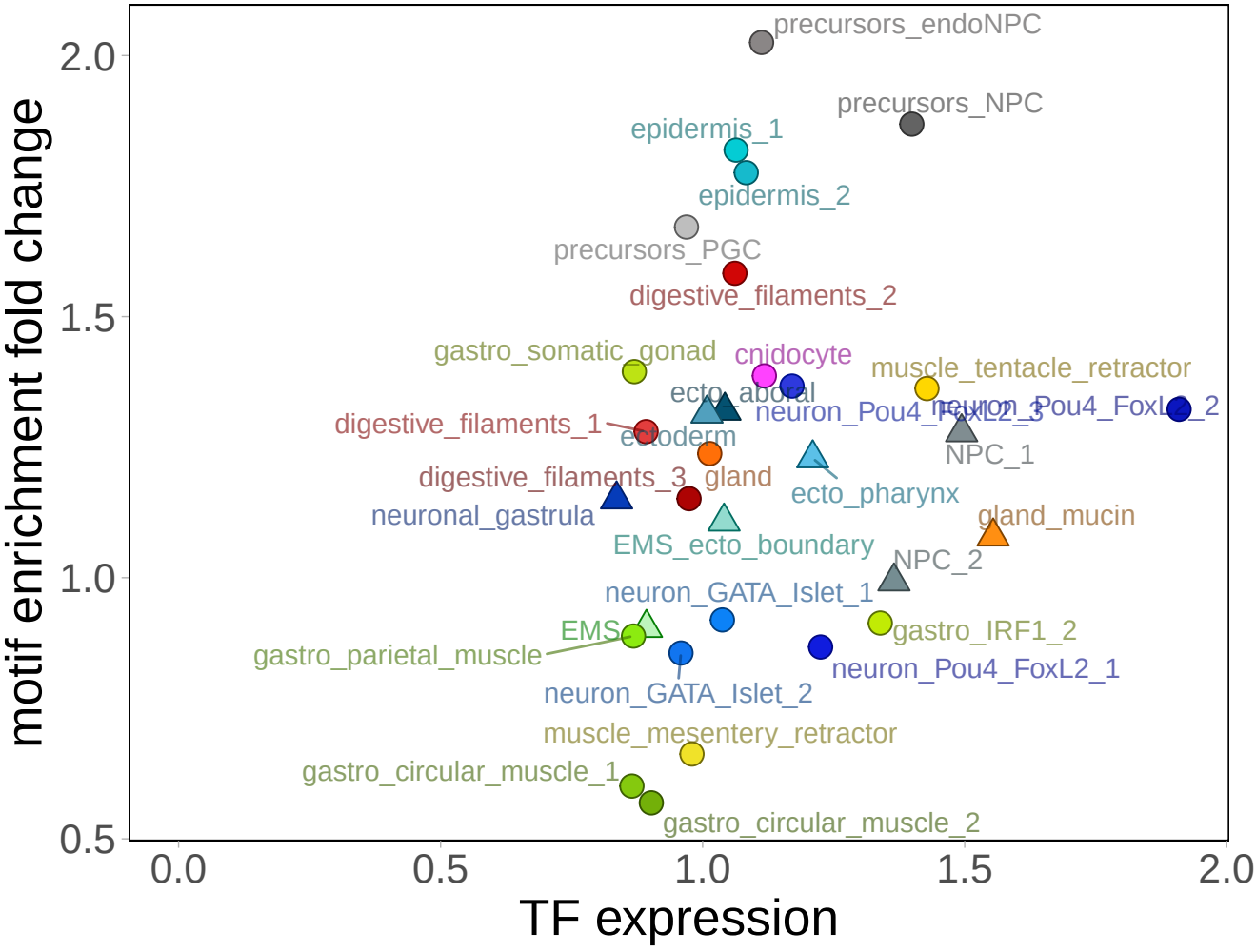
Nvec_vc1.1_XM_048723109.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H
motif: ARCH529_Rslcan18/Gm28557/Zf...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 935
gene expression correlation: −0.0540
gene score correlation: −0.4392



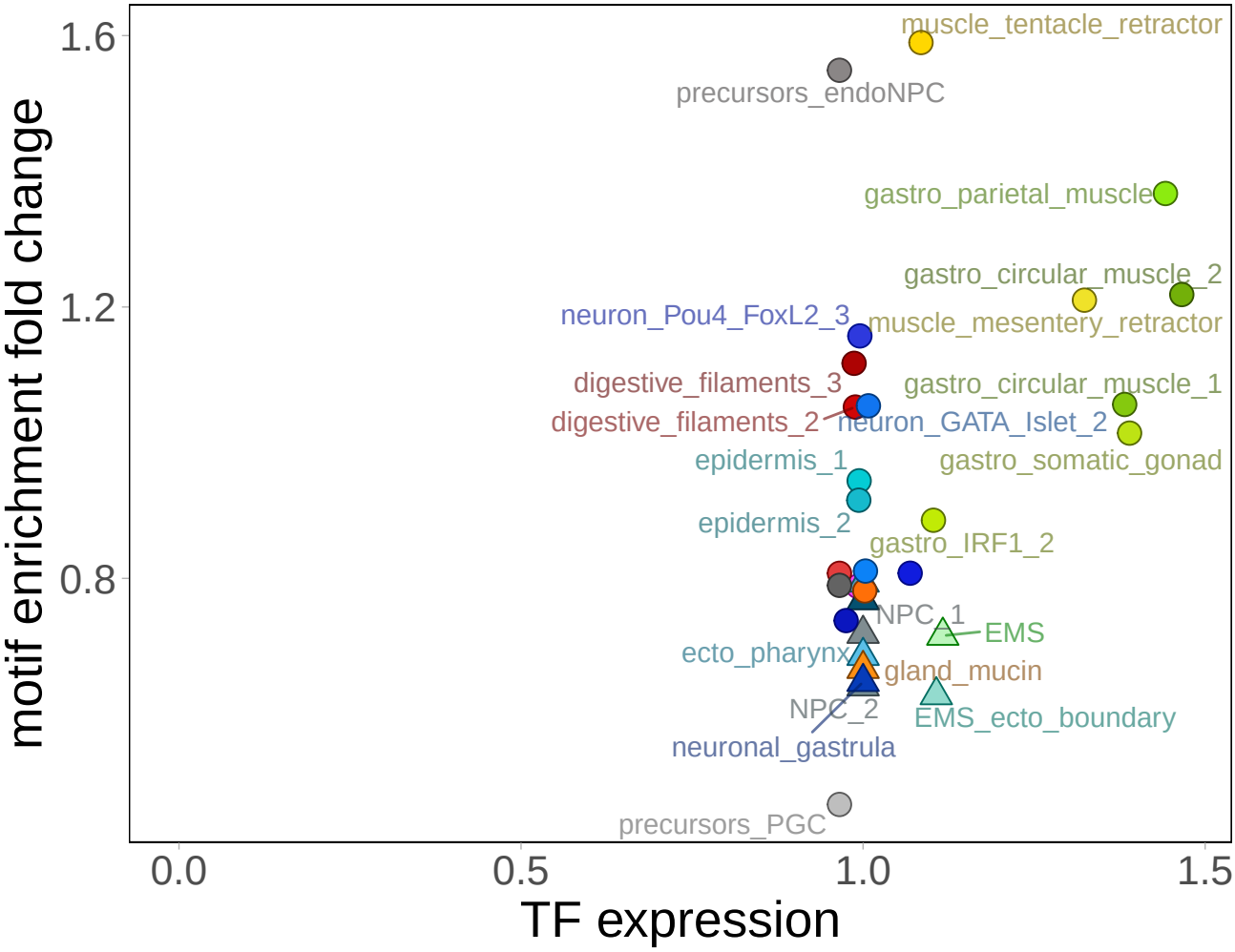
Nvec_vc1.1_XM_048723292.1
OG: zf−C4_Nuclear_receptors.HG1.34:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH1714_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 1391
gene expression correlation: −0.1008
gene score correlation: −0.2326



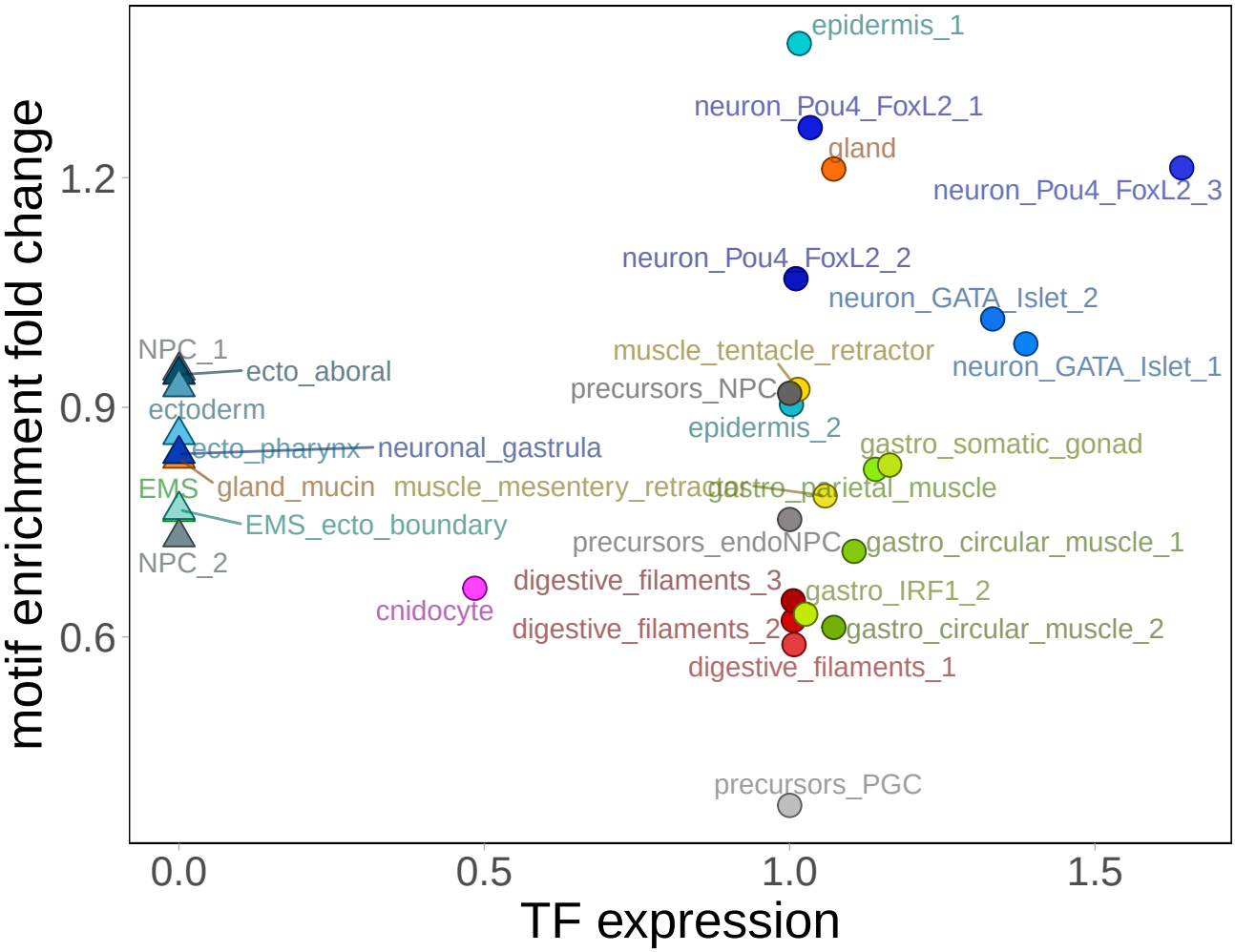
Nvec_vc1.1_XM_048723945.1
OG: Forkhead.HG1.16:FOXN2/FOXN3
PFAM: Forkhead
motif: ARCH829_PB0121.1_Foxj3_2
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1997
gene score correlation: 0.5004



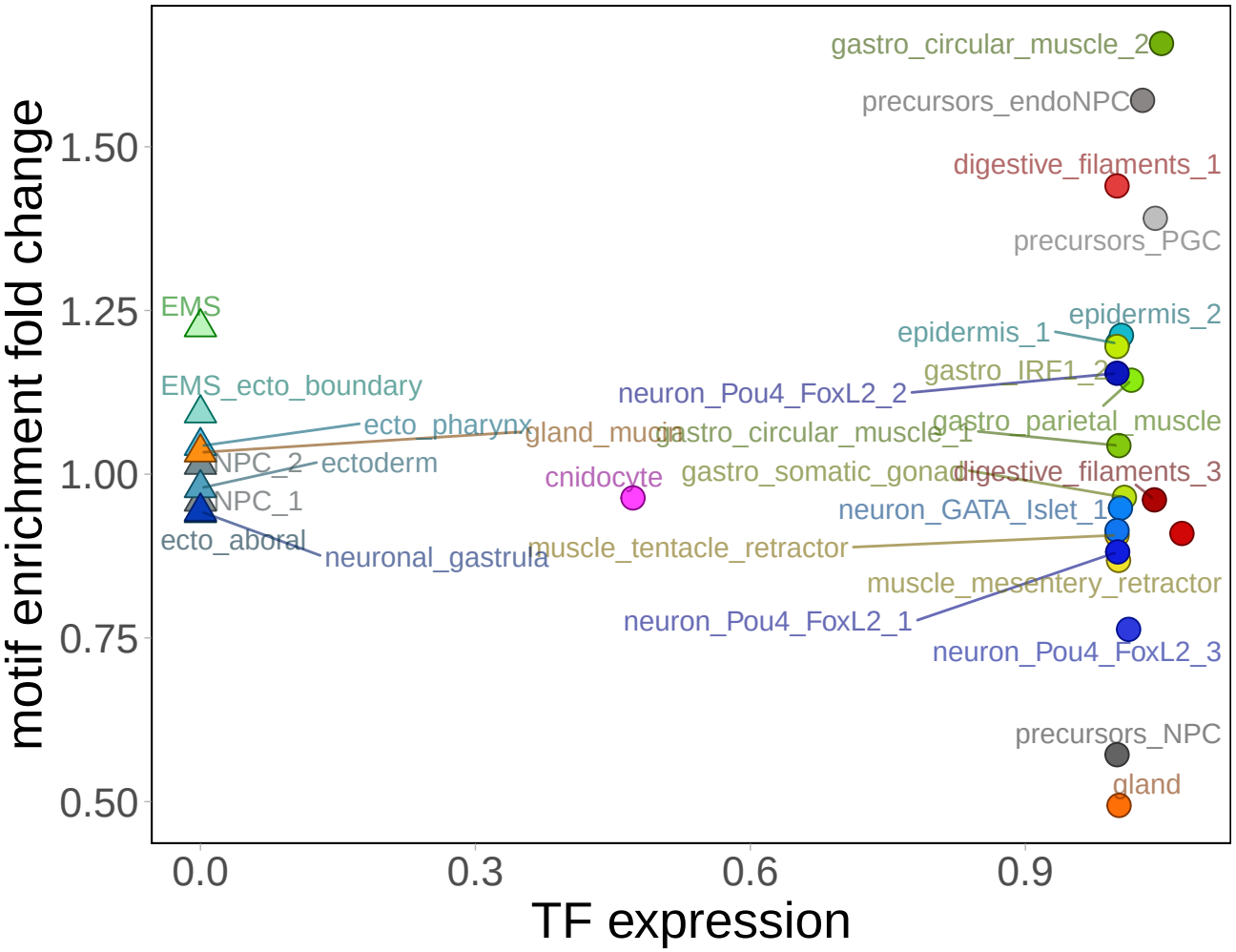
Nvec_vc1.1_XM_048724012.1
OG: zf−C2H2.HG4.10:GLI1/GLI2/GLI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1043_ZNF652
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 186
gene expression correlation: 0.4225
gene score correlation: 0.3893



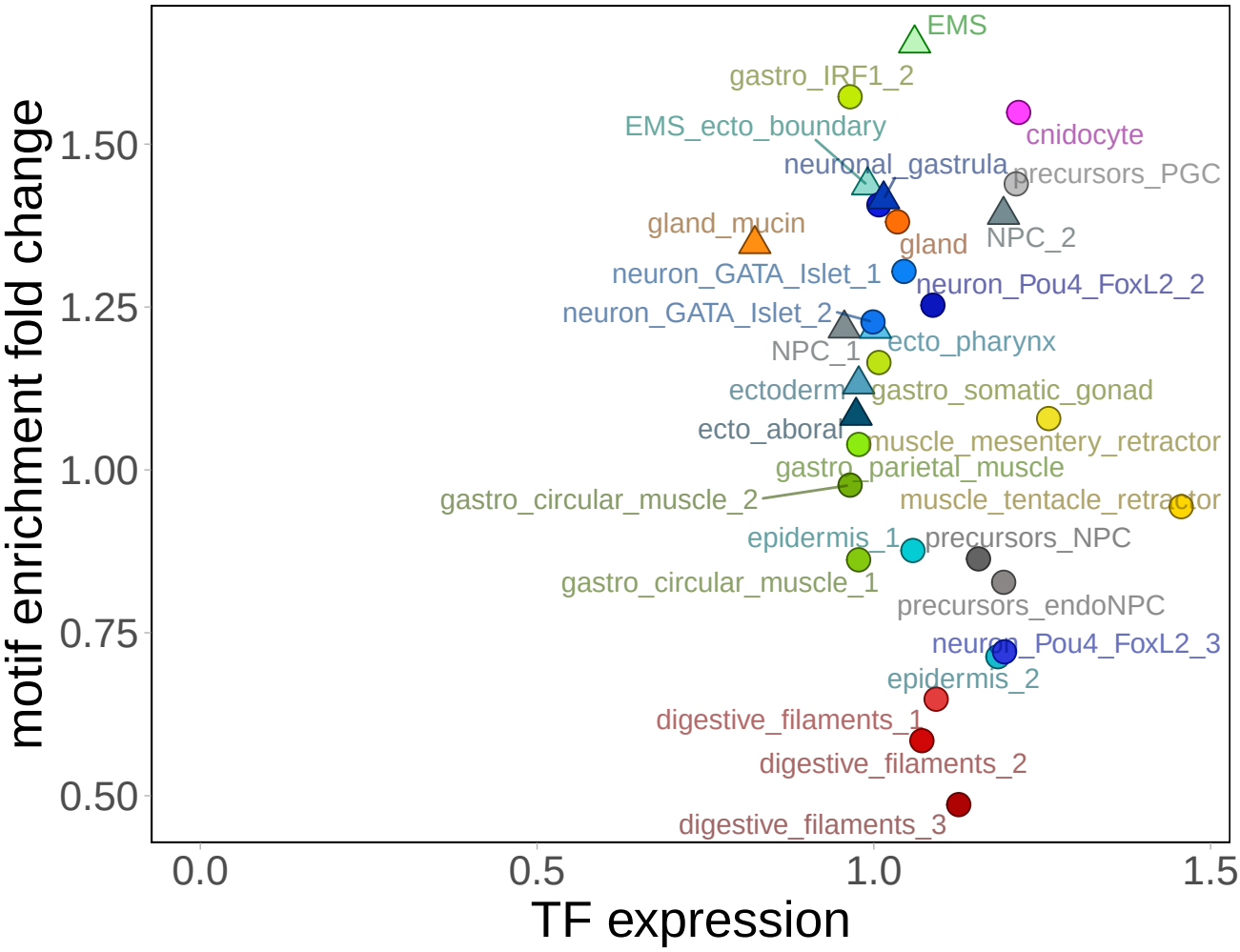
Nvec_vc1.1_XM_048724319.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead
motif: ARCH1095_Foxa3/Foxa1/Foxa2_...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 534
gene expression correlation: 0.1498
gene score correlation: 0.0284



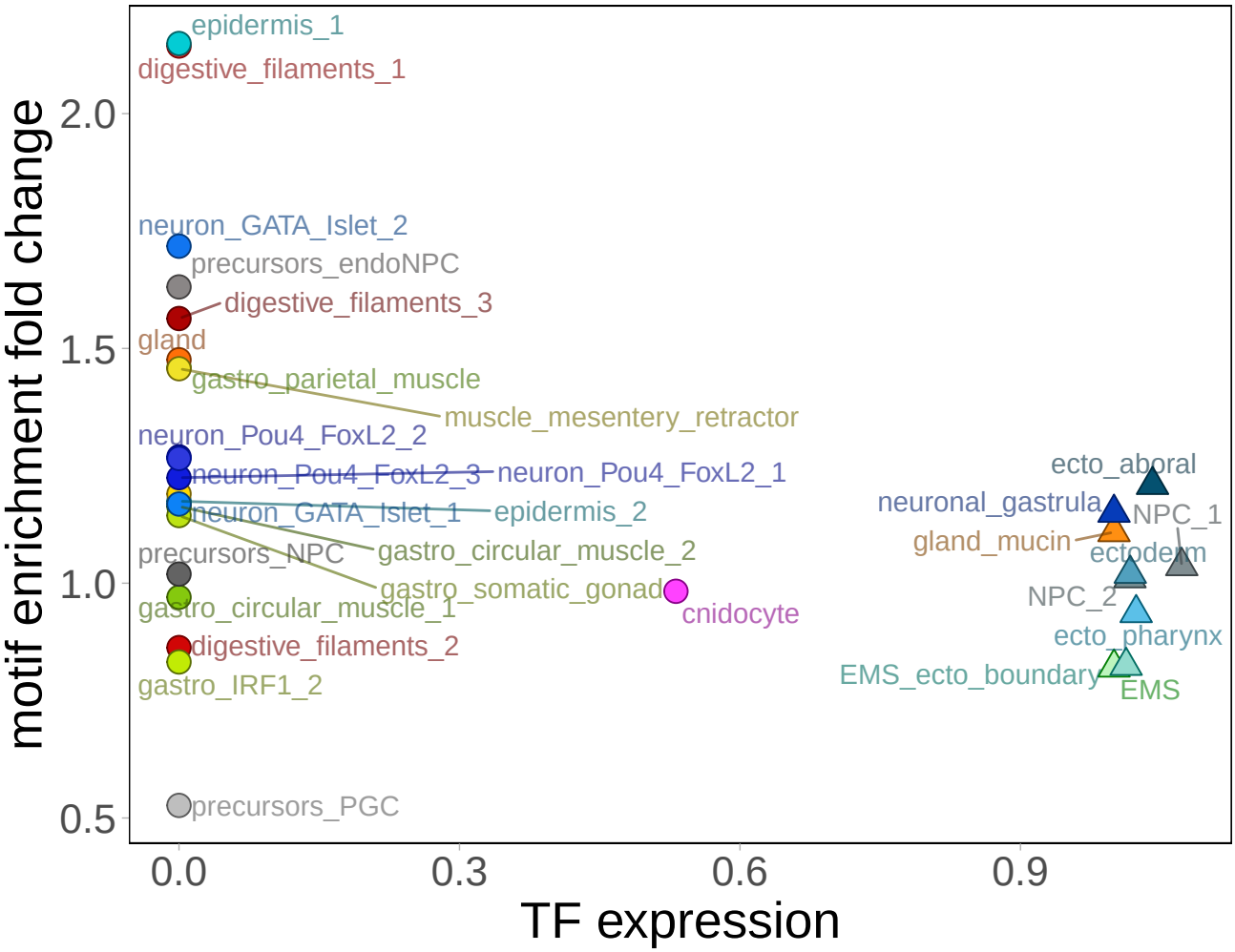
Nvec_vc1.1_XM_048724372.1
OG: HLH.HG1.79:MESP1/MESP2/MSGN1
PFAM: HLH
motif: ARCH779_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 22
gene expression correlation: 0.0742
gene score correlation: 0.3465



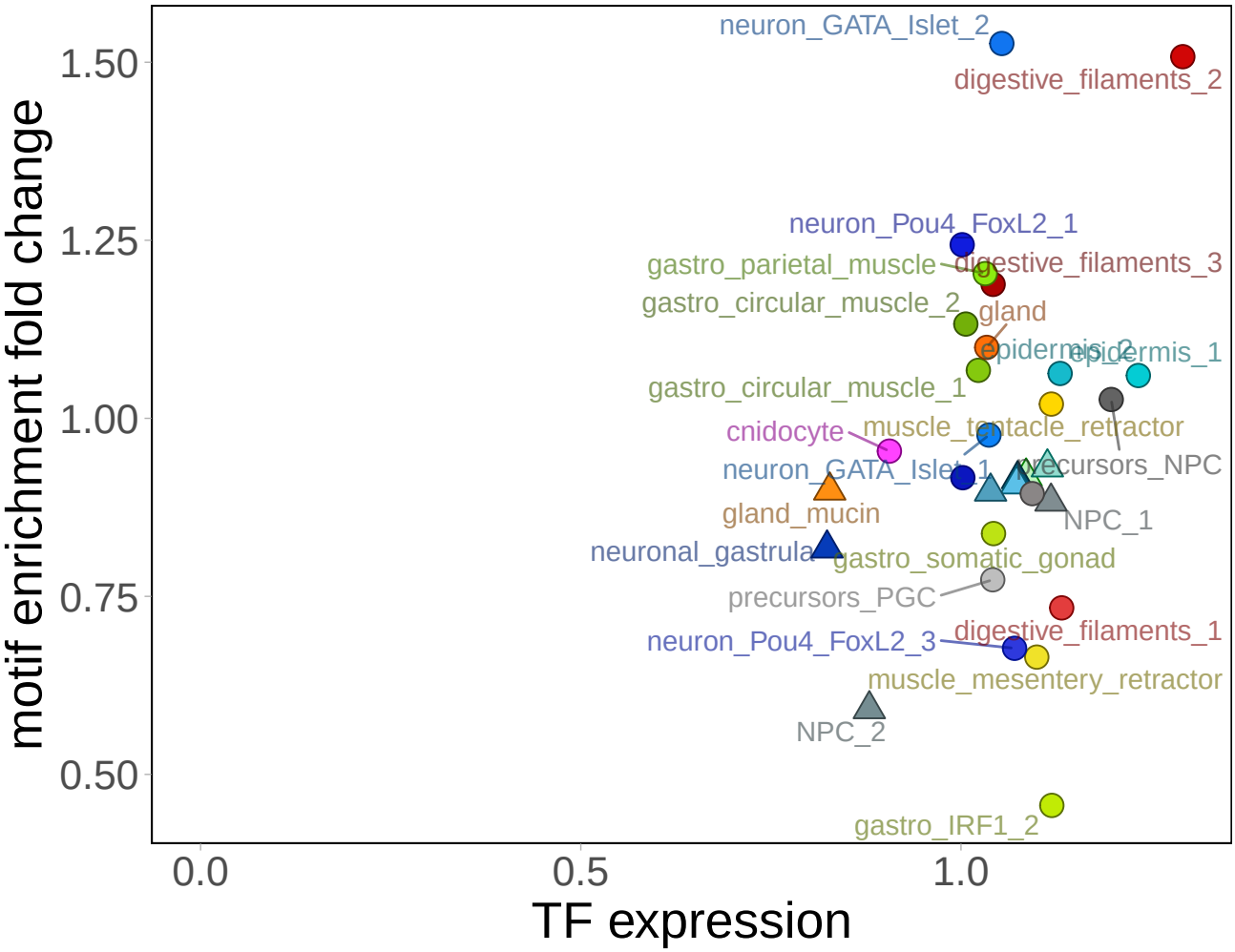
Nvec_vc1.1_XM_048724387.1
OG: HLH.HG1.21:MLX
PFAM: HLH
motif: ARCH793_Mlx_Srebf2/Srebf1_Usf3
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 838
gene expression correlation: −0.2541
gene score correlation: −0.1545



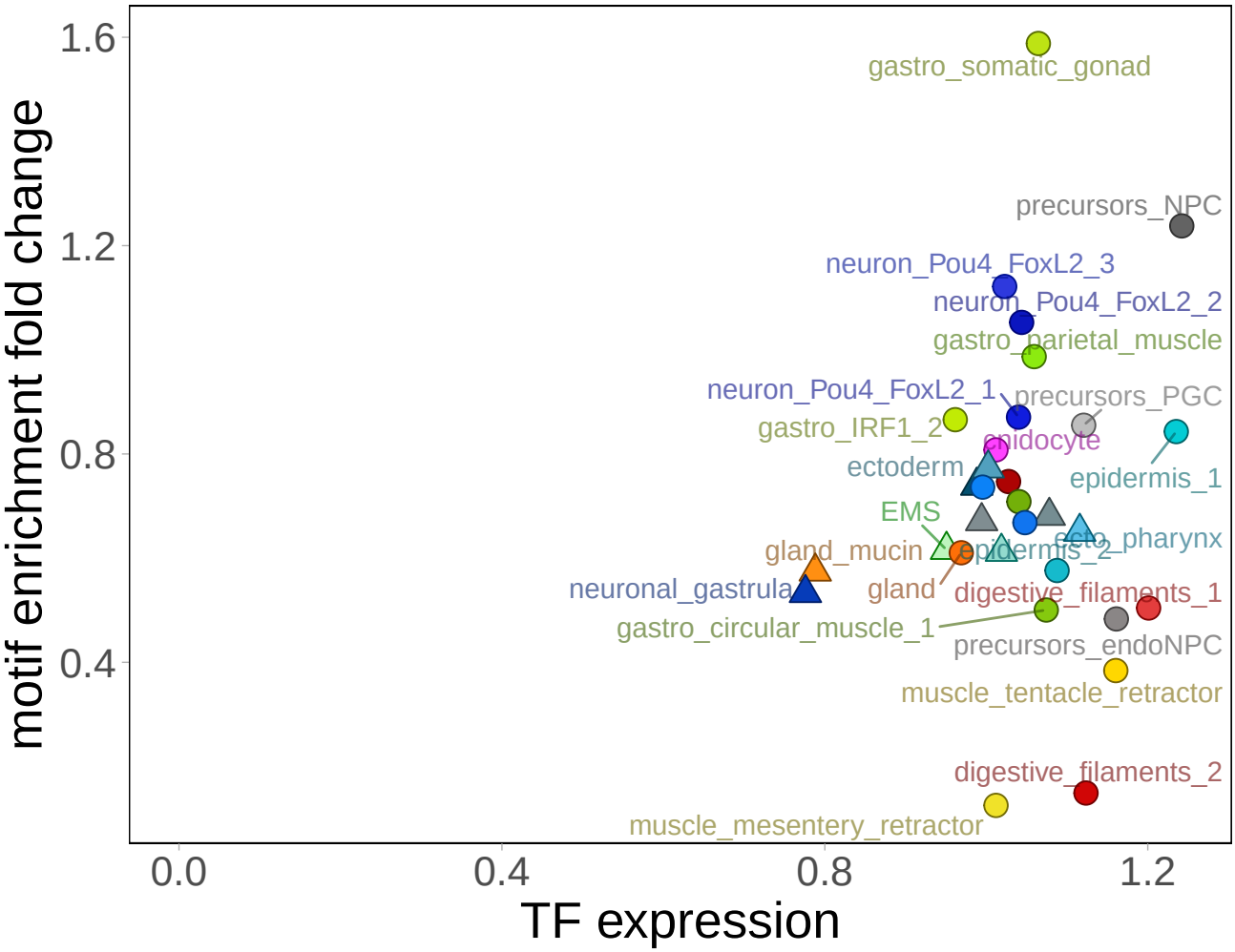
Nvec_vc1.1_XM_048724756.1
OG: Homeodomains.HG1.23:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 76
gene expression correlation: −0.3792
gene score correlation: −0.3526



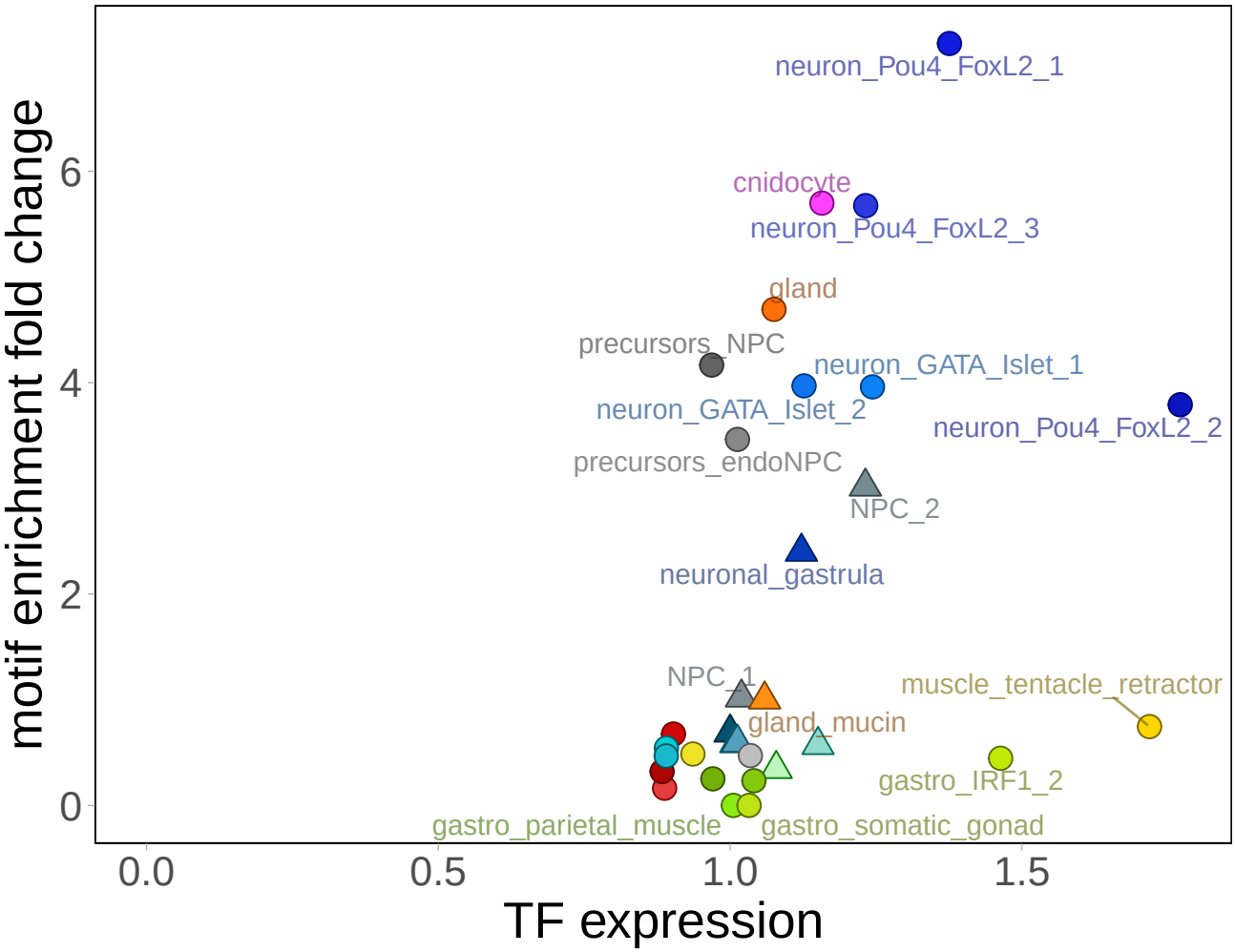
Nvec_vc1.1_XM_048725593.1
OG: Myb.HG1.3:MYB/MYBL1/MYBL2
PFAM: Myb_DNA−binding/Myb_DNA−bind_6/C
motif: ARCH1526_Mybl2/Myb/Mybl1
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 607
gene expression correlation: 0.2394
gene score correlation: 0.0355



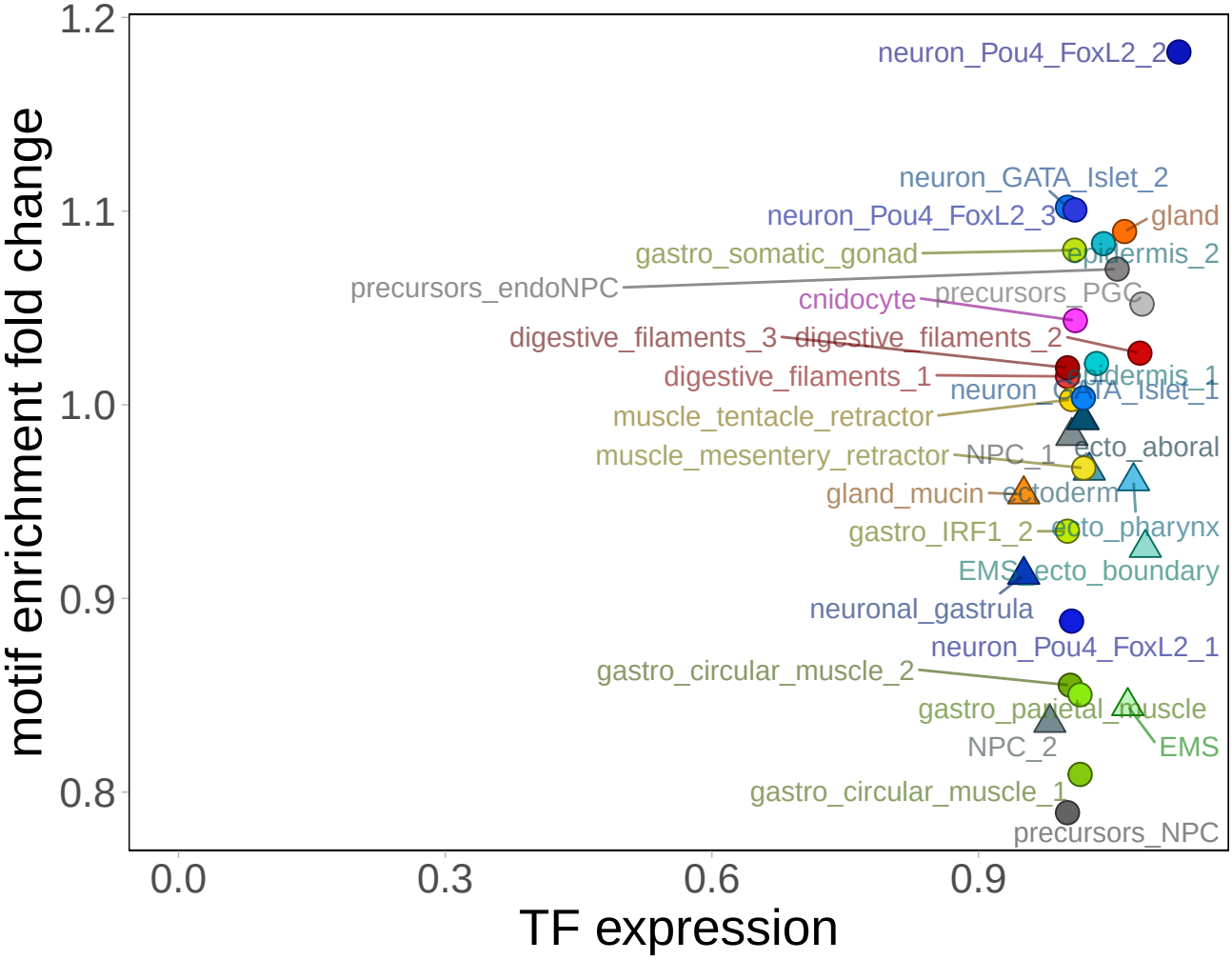
Nvec_vc1.1_XM_048725617.1
OG: HMGbox_Sox.HG1.57:like:HMG20A/HMG
PFAM: HMG_box/zf−met
motif: ARCH21_Mael_Tox3/Tox/Tox2/Tox4
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 620
gene expression correlation: 0.1044
gene score correlation: 0.2222



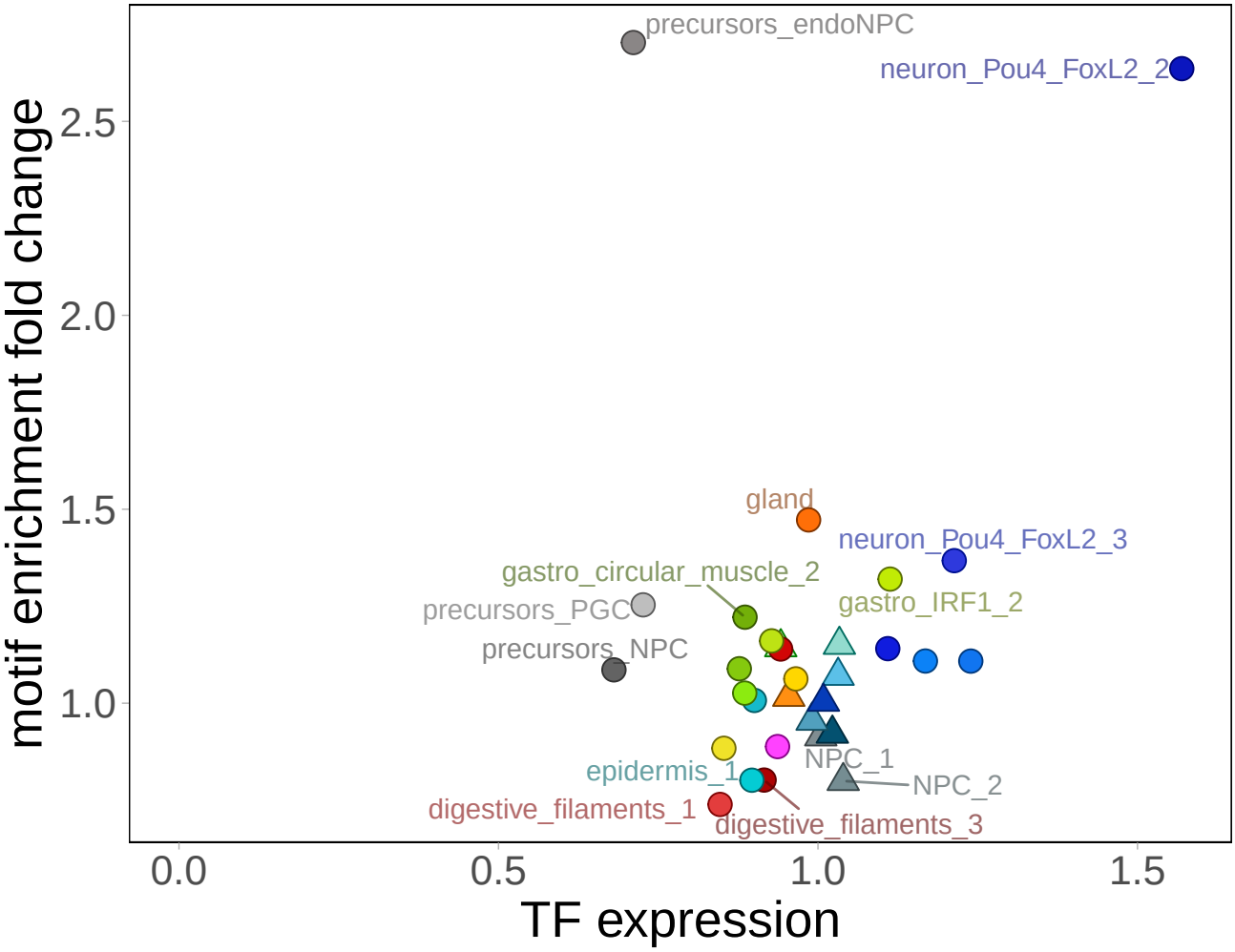
Nvec_vc1.1_XM_048726174.1
OG: zf−C2H2.HG6.2:MYT1/MYT1L/ST18
PFAM: zf−C2HC/zf−C2HC/zf−C2HC/zf−C2HC/
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.3777
gene score correlation: 0.5518



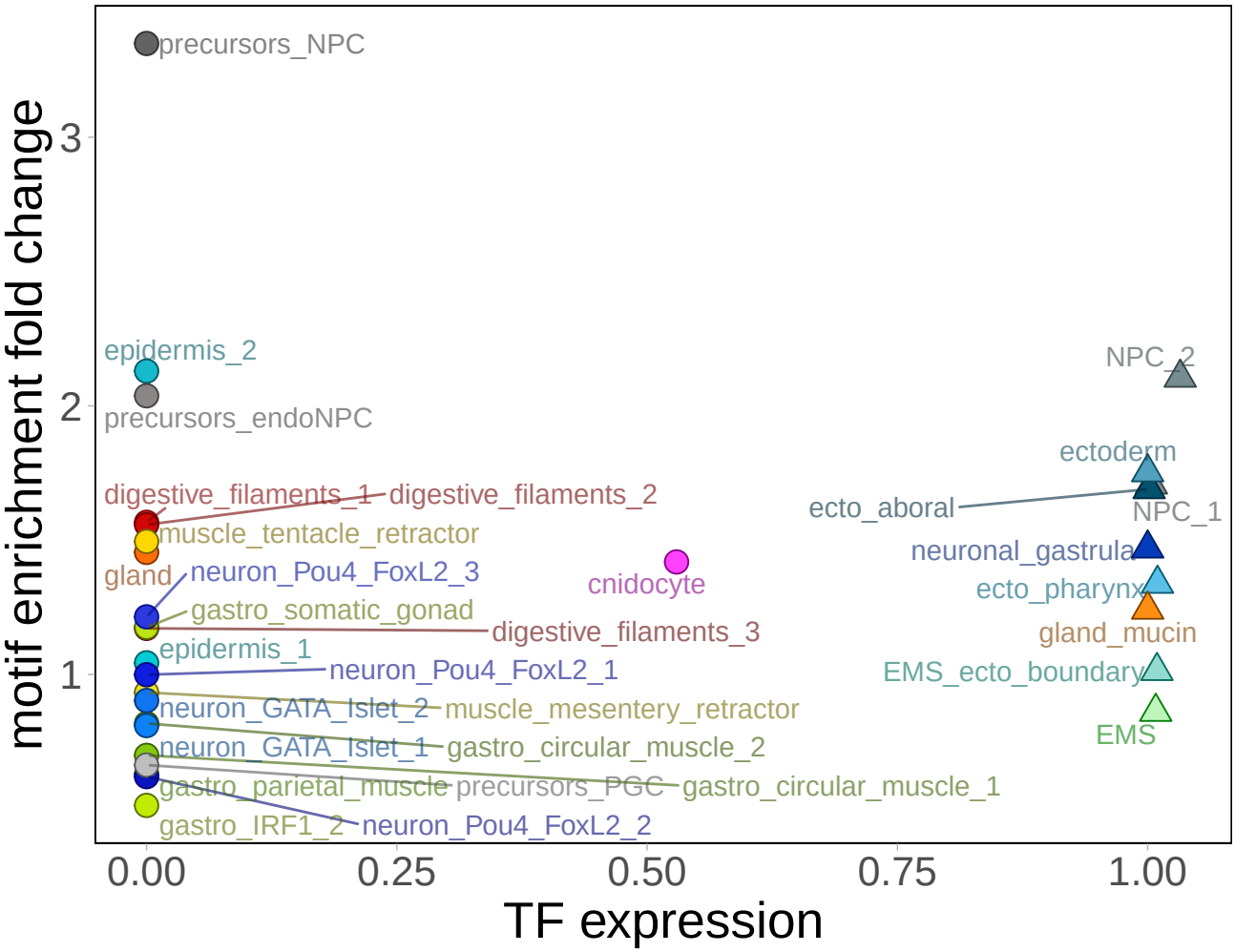
Nvec_vc1.1_XM_048726881.1
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2
motif: ARCH1200_Zfp760/Zfp770
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 858
gene expression correlation: 0.3715
gene score correlation: 0.0121



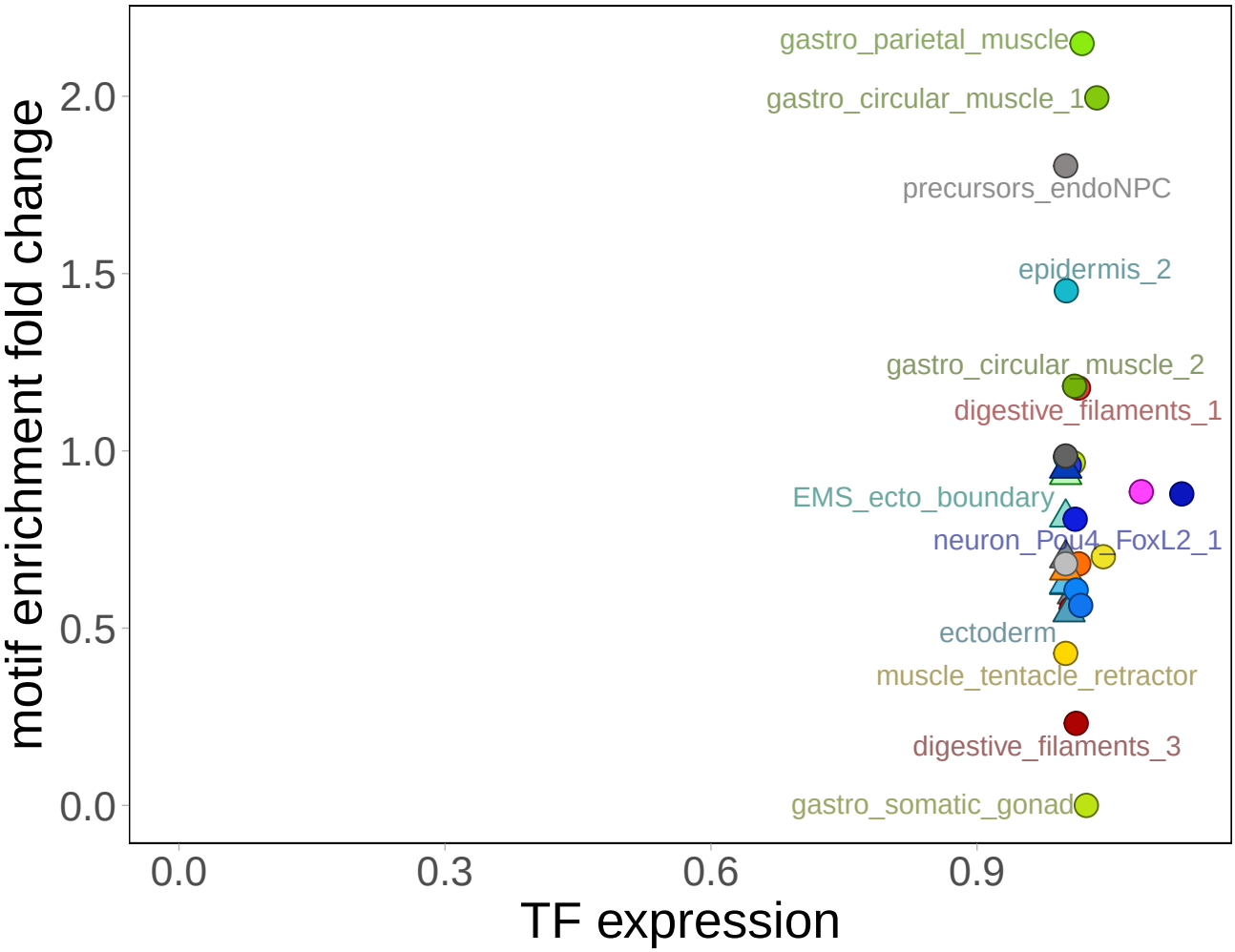
Nvec_vc1.1_XM_048727123.1
OG: Myb.HG1.9:NCOR1/NCOR2
PFAM: GPS2_interact/Myb_DNA−binding
motif: ARCH646_Msantd4/Mypop_Terf2ip
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 899
gene expression correlation: 0.2866
gene score correlation: 0.1145



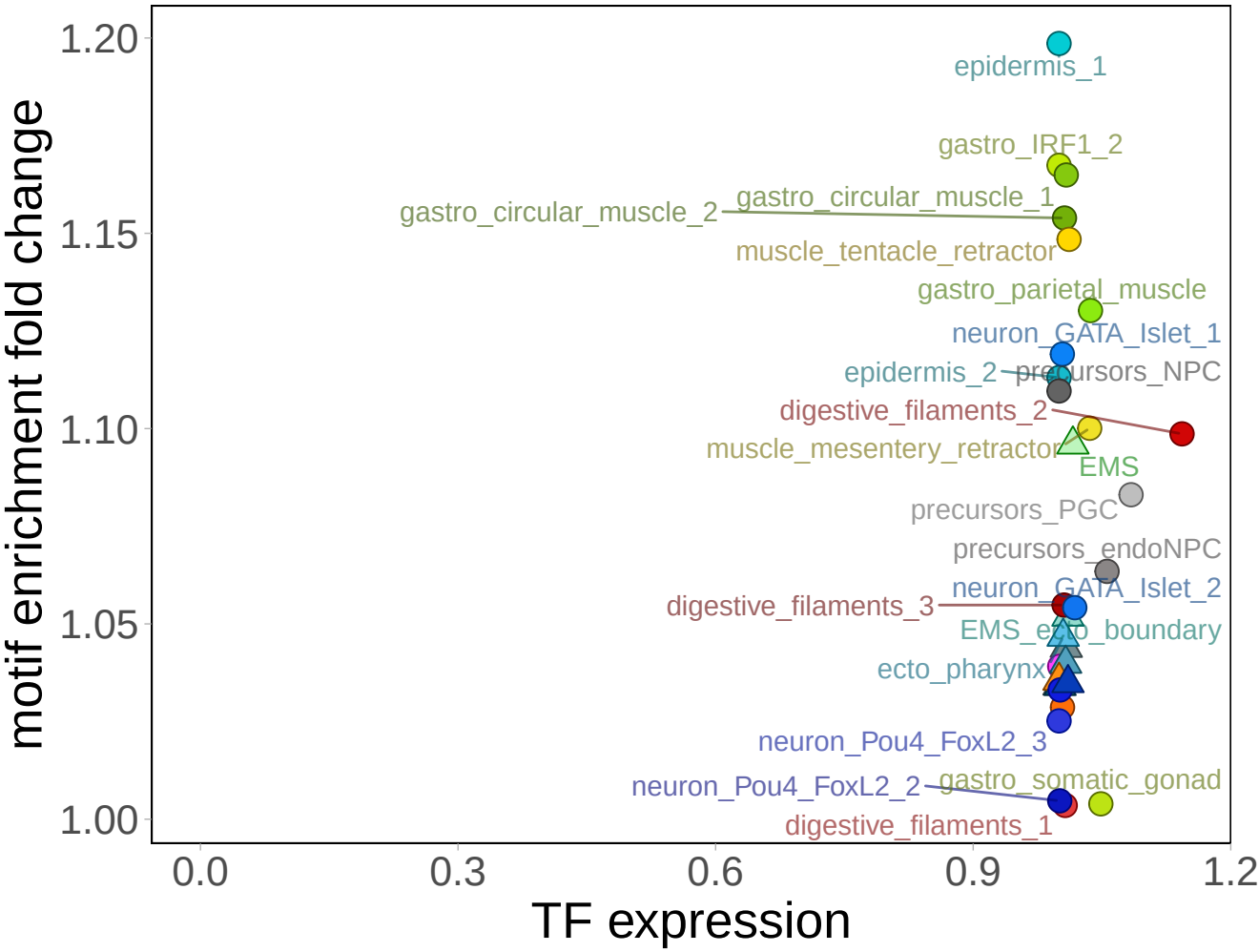
Nvec_vc1.1_XM_048727403.1
OG: HMGbox_Sox.HG1.52:like:LEF1/TCF7/TC
PFAM: HMG_box_2
motif: ARCH1164_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.1881
gene score correlation: 0.2254



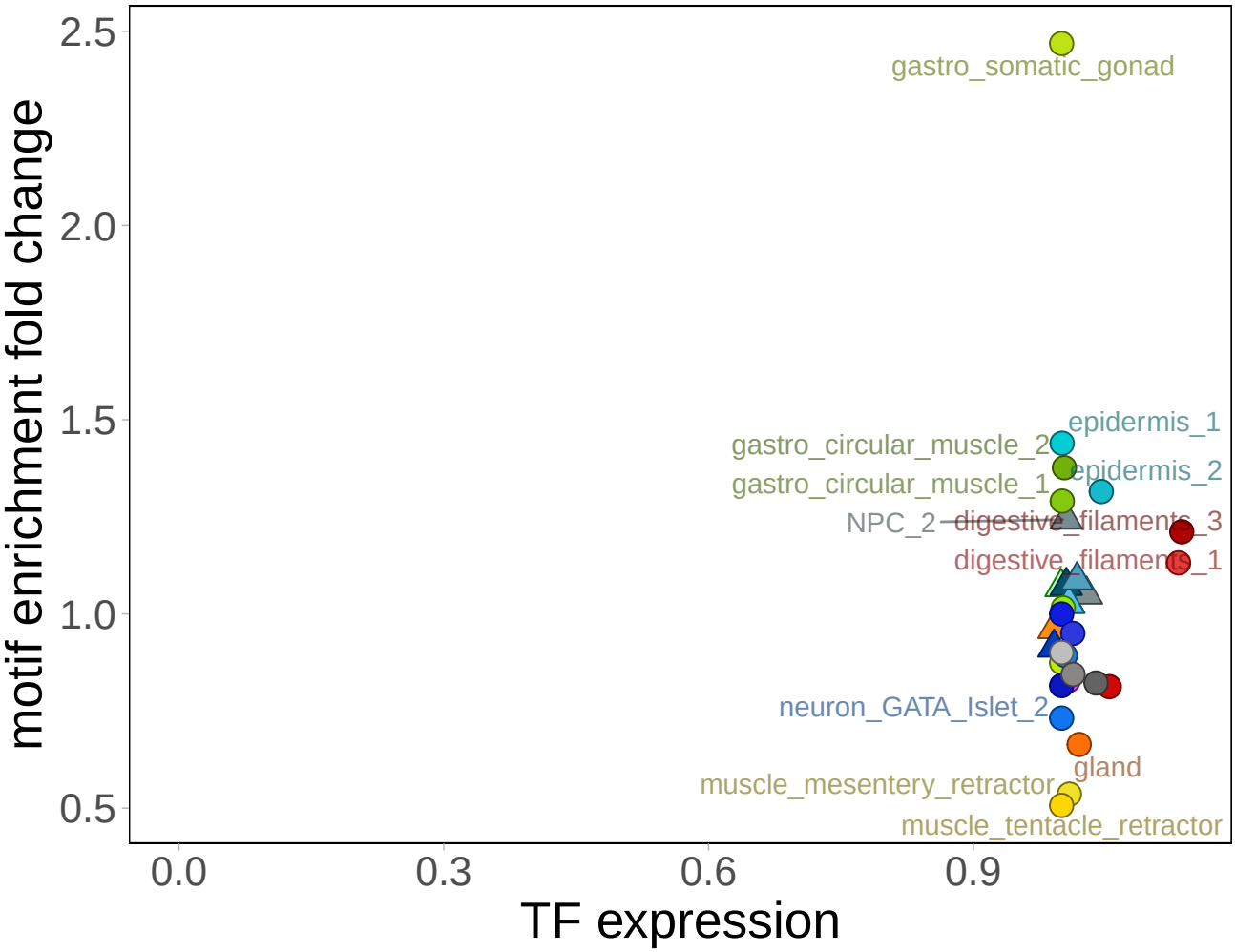
Nvec_vc1.1_XM_048727456.1
OG: zf−C4_Nuclear_receptors.HG1.30:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH934_Nr2c1/Nr2c2_Nr2f1/N...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 301
gene expression correlation: 0.0523
gene score correlation: 0.0344



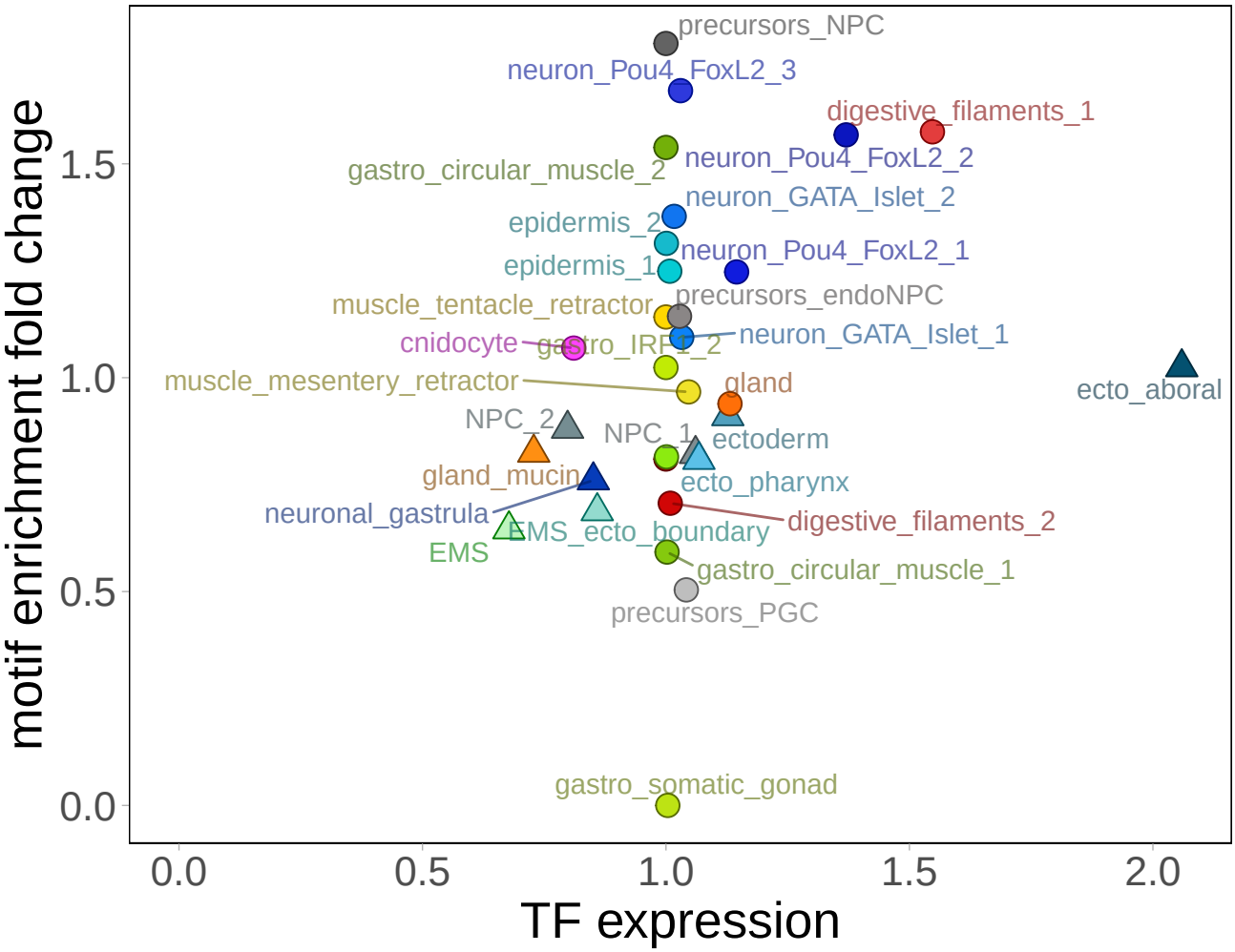
Nvec_vc1.1_XM_048728051.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead
motif: ARCH895_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 200
gene expression correlation: 0.0604
gene score correlation: 0.2710



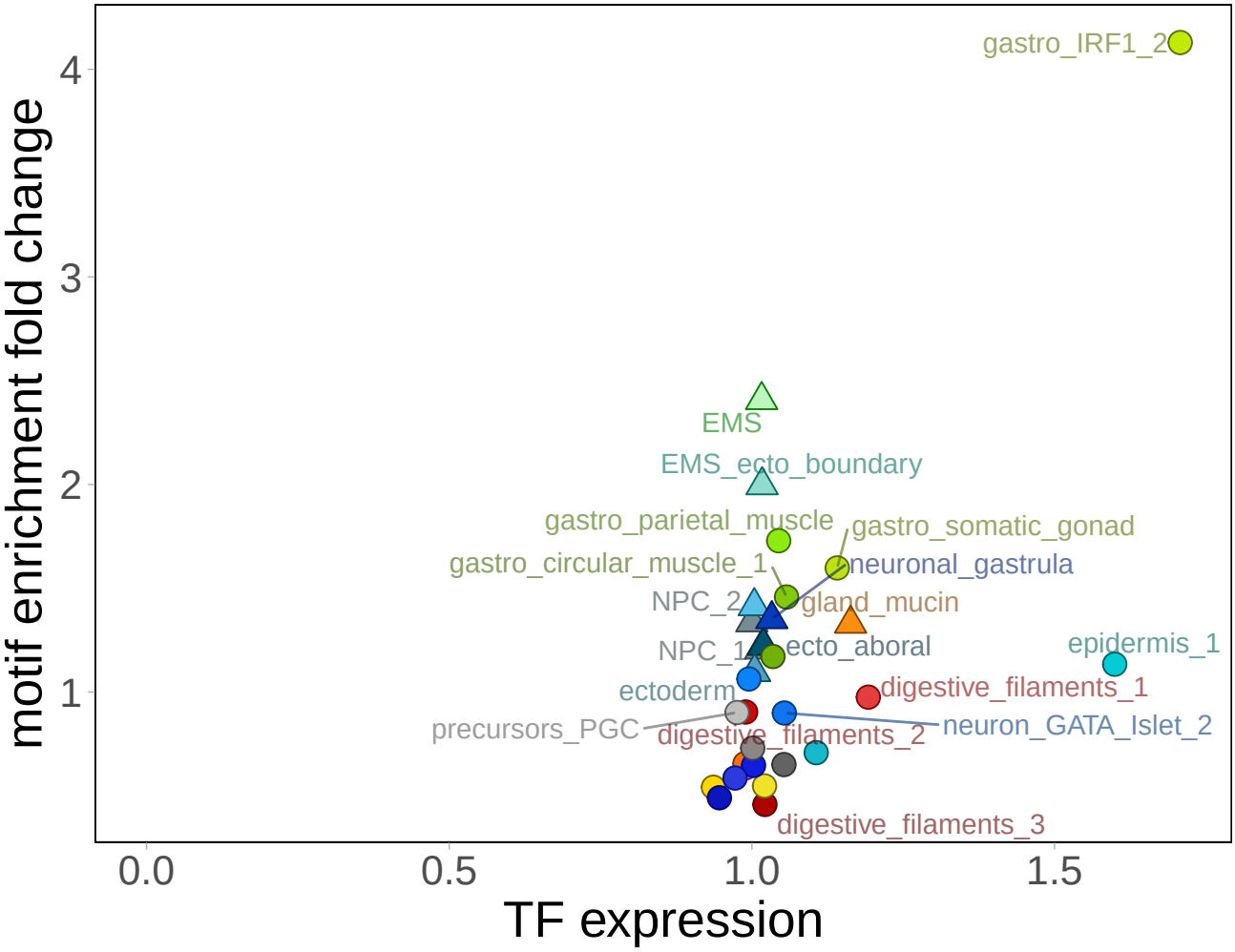
Nvec_vc1.1_XM_048728399.1
OG: bZIP.HG2.5:CEBPA/CEBPB/CEBPD/CEB
PFAM: bZIP_2
motif: ARCH1224_Cebpd/Cebpe/Cebpa/...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 780
gene expression correlation: 0.0576
gene score correlation: −0.1148



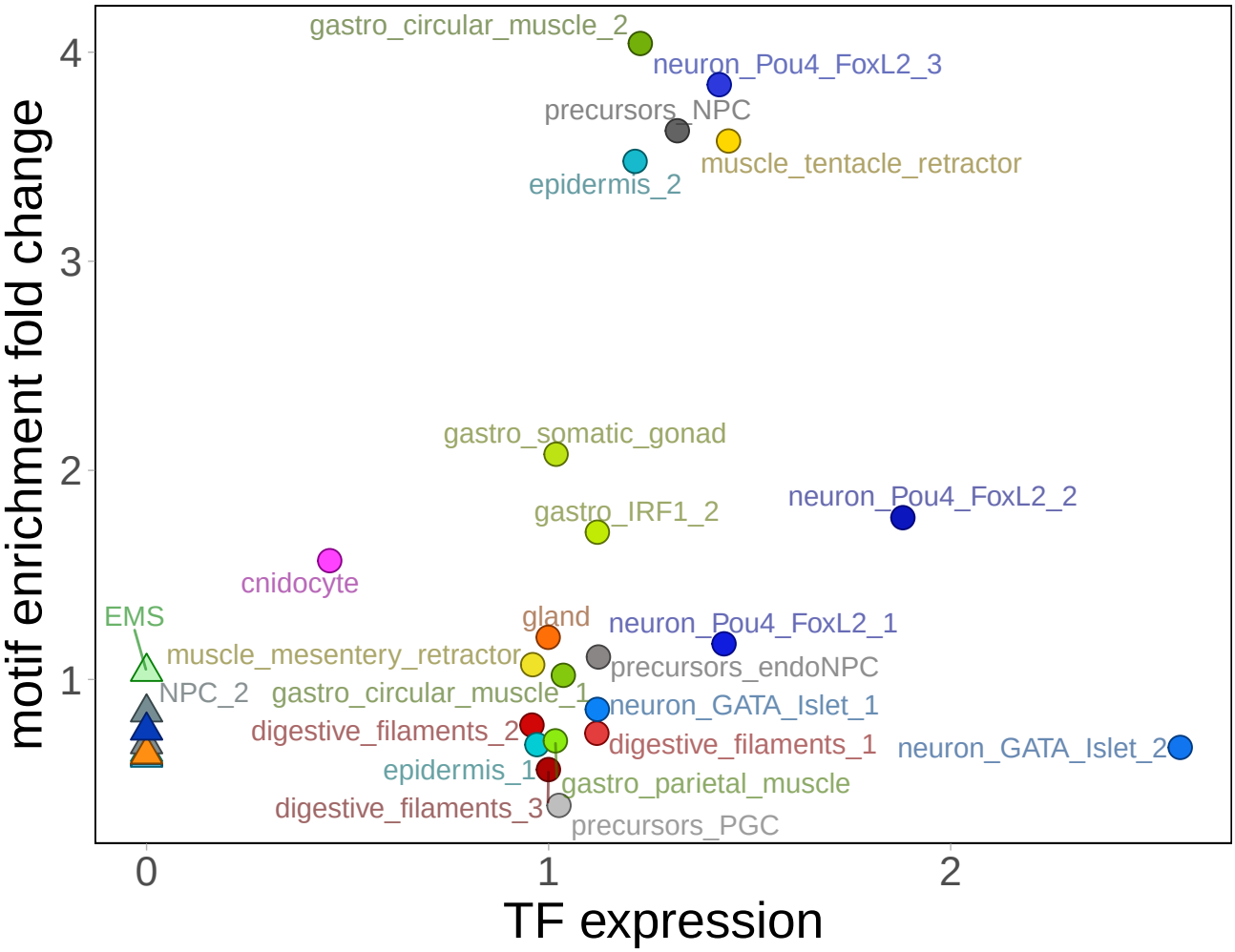
Nvec_vc1.1_XM_048728853.1
OG: Homeodomains.HG1.24:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH304_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 26
gene expression correlation: 0.2728
gene score correlation: 0.1468



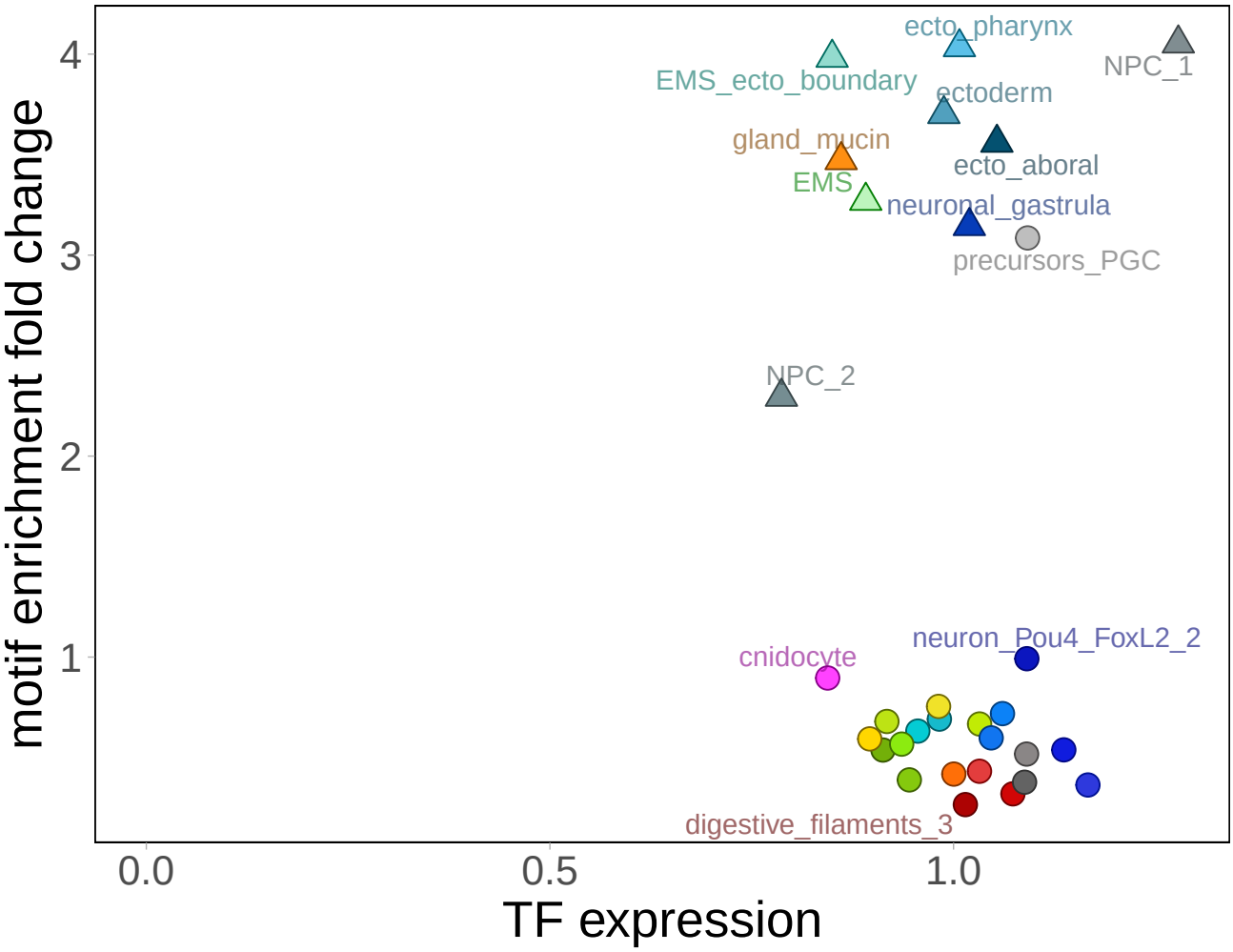
Nvec_vc1.1_XM_048729186.1
OG: Ets.HG1.9:AC020909.1/SPI1/SPIB/SPIC
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.6147
gene score correlation: 0.5981



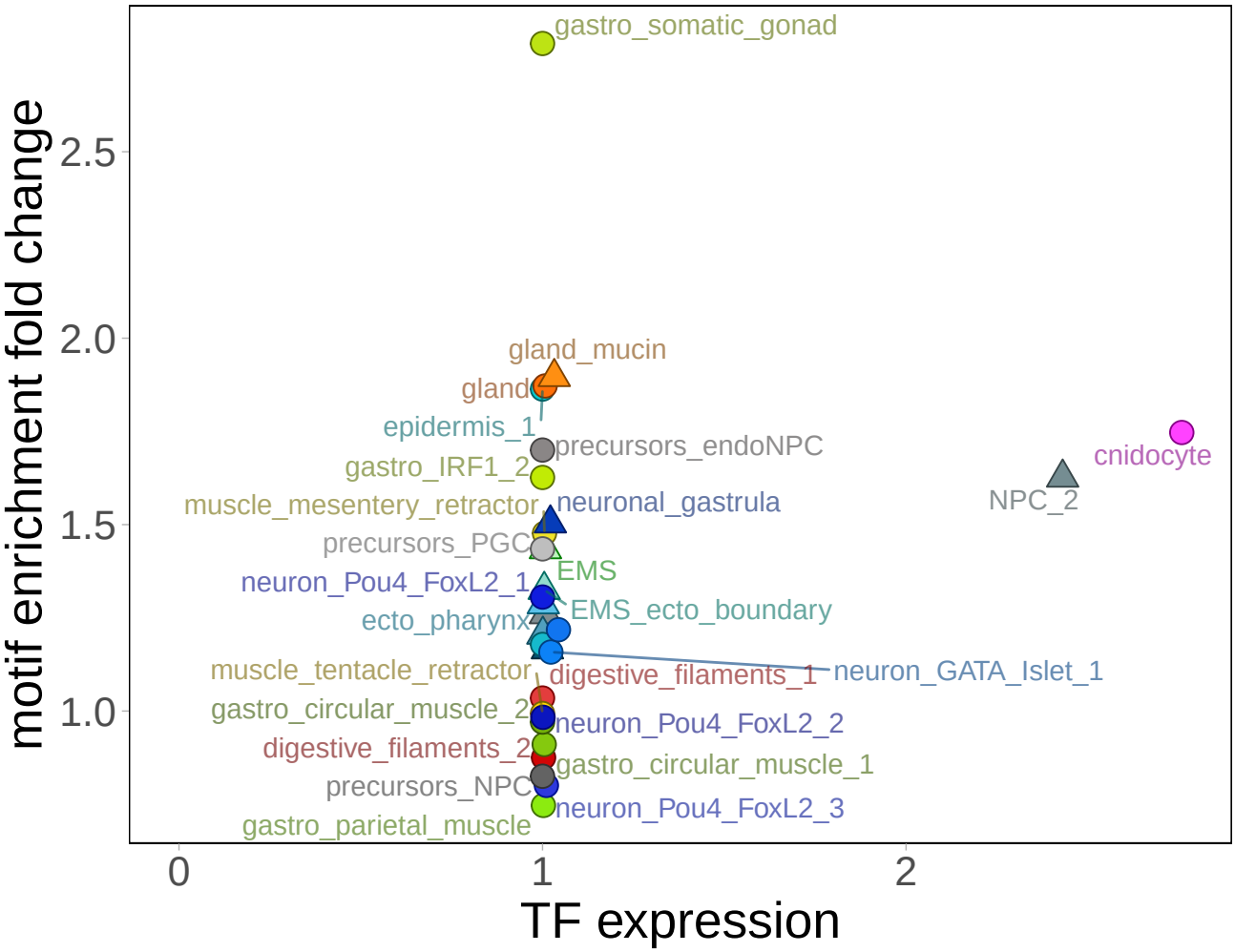
Nvec_vc1.1_XM_048729481.1
OG: zf−C2H2.HG4.3:like:ZIC1/ZIC2/ZIC3/ZIC4
PFAM: zf_ZIC/zf−C2H2/zf−C2H2
motif: ARCH922_Zic
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4029
gene score correlation: 0.9373



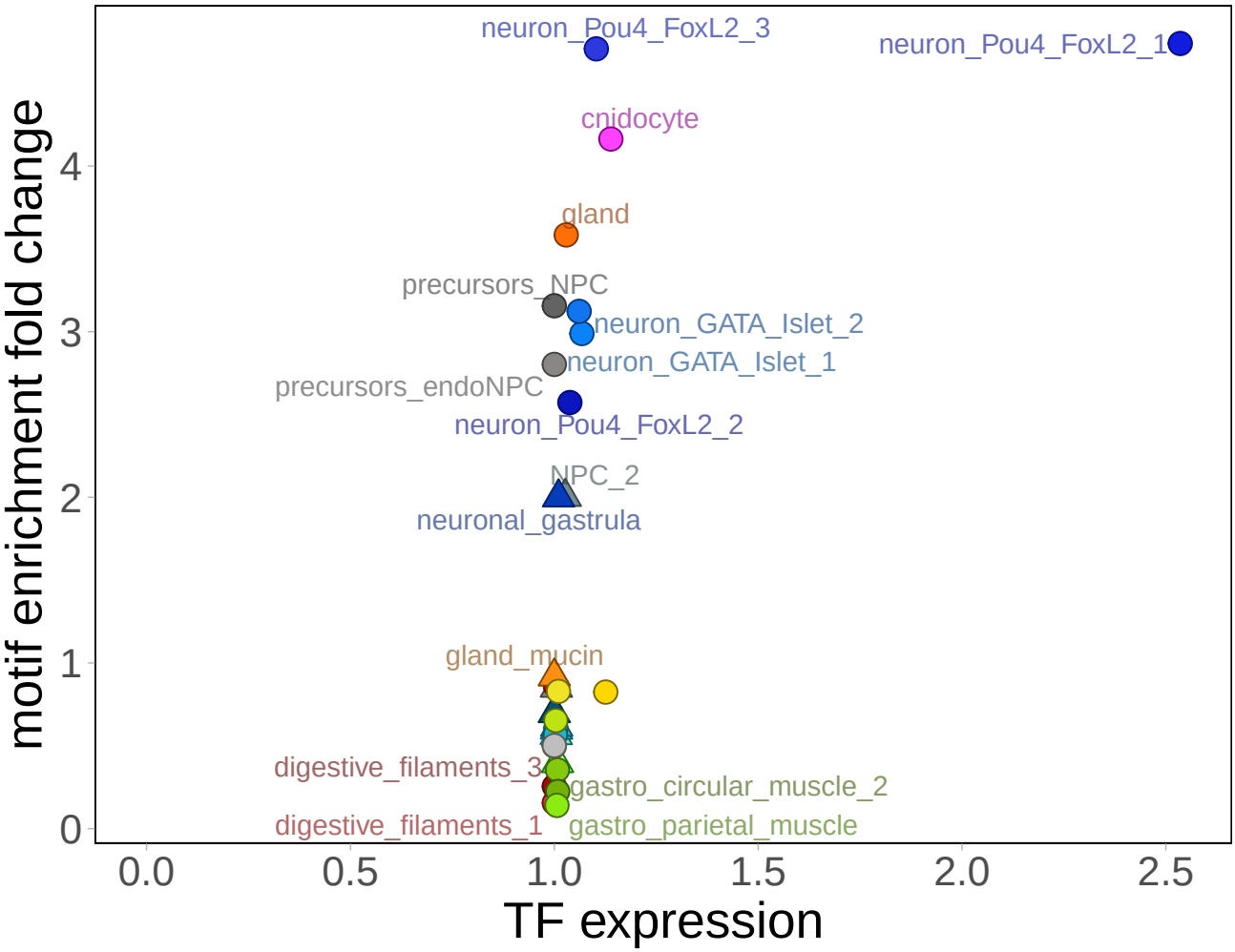
Nvec_vc1.1_XM_048729815.1
OG: zf−C2H2.HG3.36:YY1/YY2/ZFP42
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH523_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 1
gene expression correlation: −0.0676
gene score correlation: 0.2455



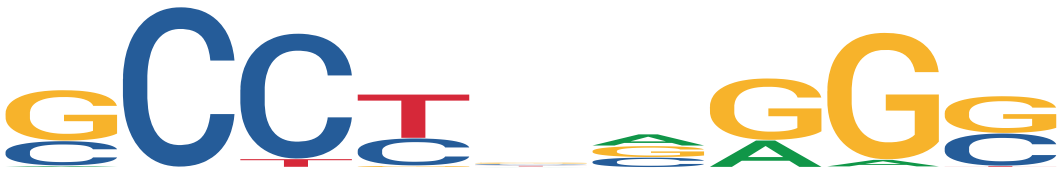
Nvec_vc1.1_XM_048730283.1
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH947_Creb3l2/Creb3l1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.2243
gene score correlation: 0.1031

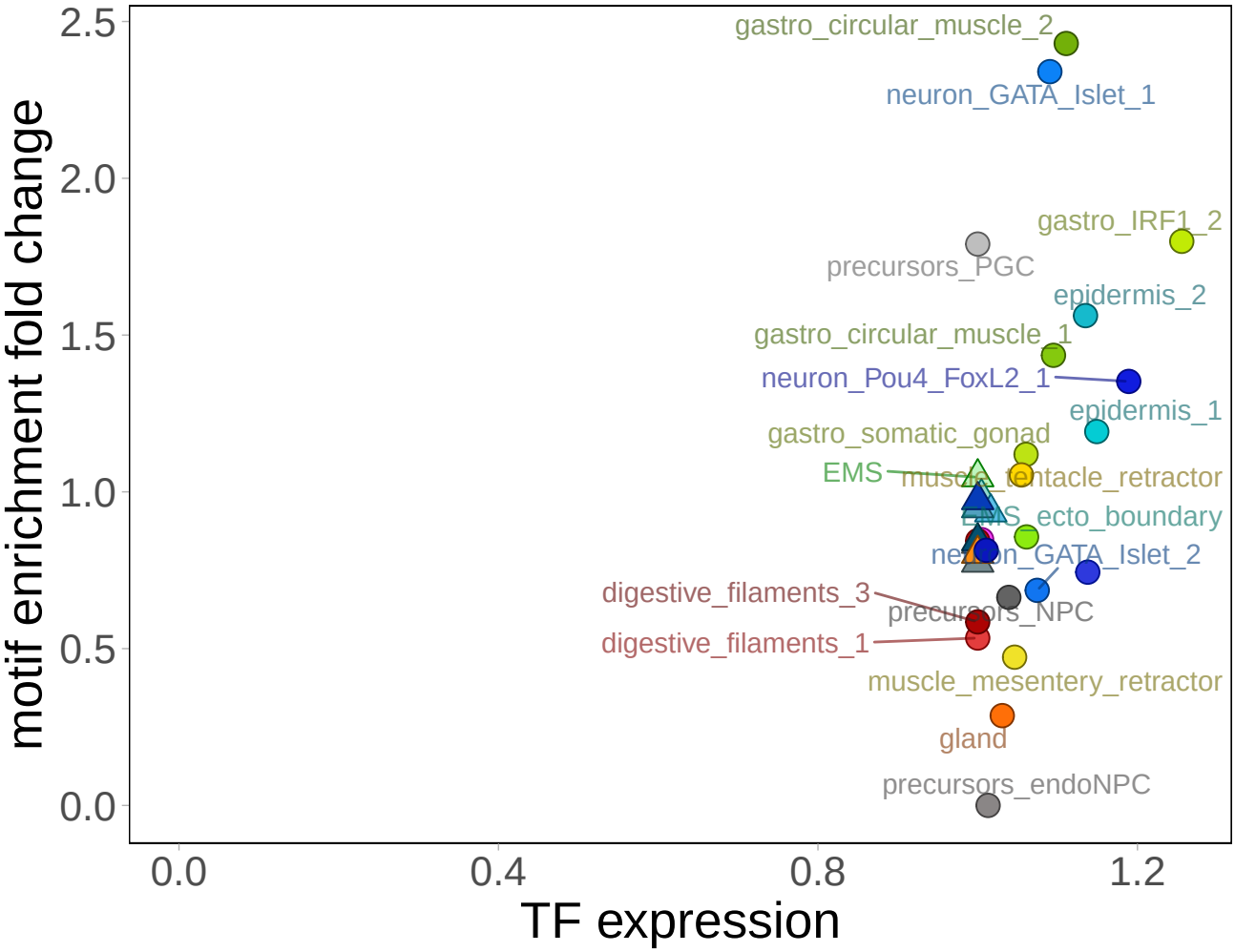


Nvec_vc1.1_XM_048731064.1
OG: zf−C2H2.HG87.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH470_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.4903
gene score correlation: 0.4392

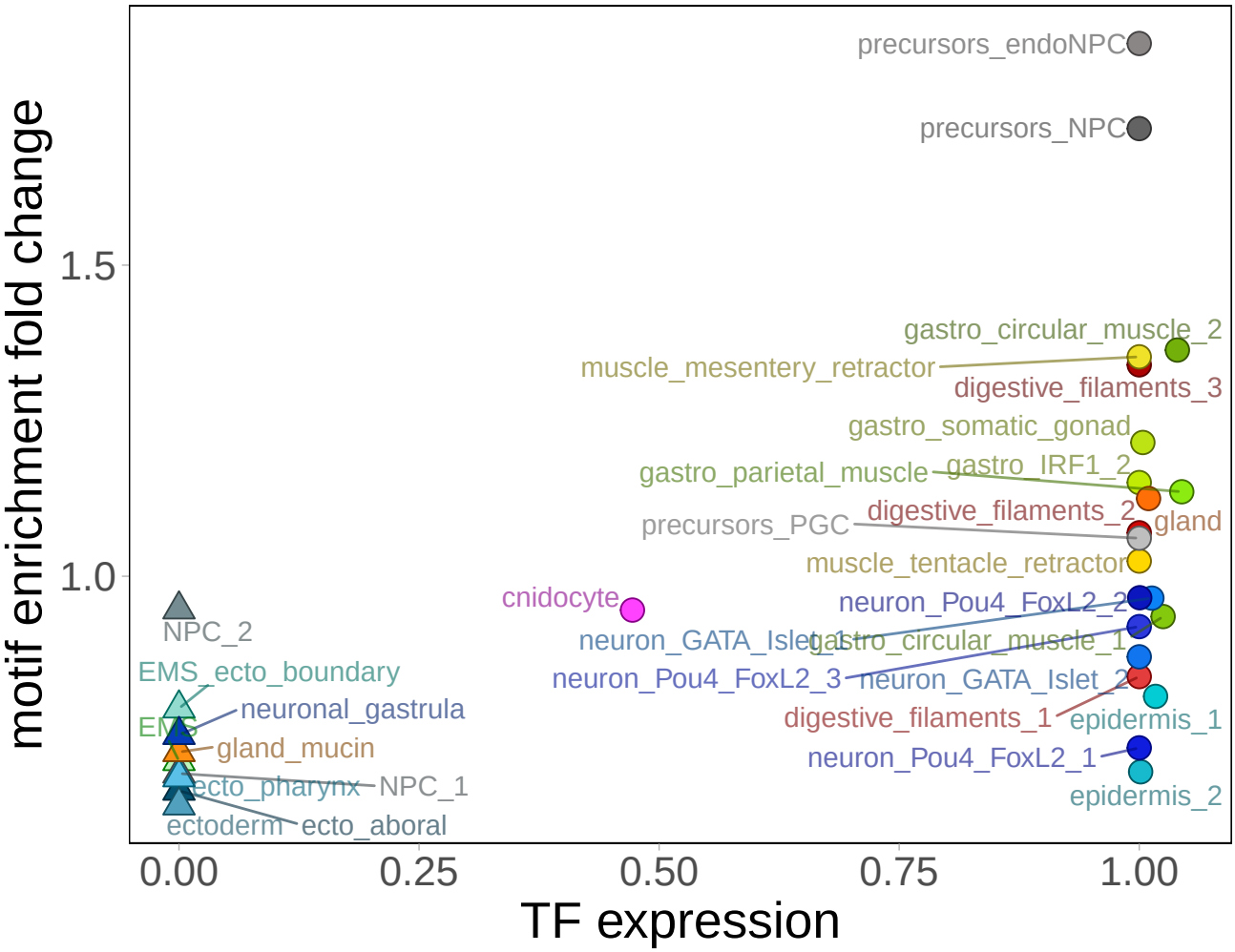


Nvec_vc1.1_XM_048731339.1
OG: AP−2.HG1.3:like:TFAP2A/TFAP2B/TFAP2
PFAM: TF_AP−2
motif: ARCH387_TFAP2E
TF family: AP2
archetype family: AP2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.5077
gene score correlation: 0.7378

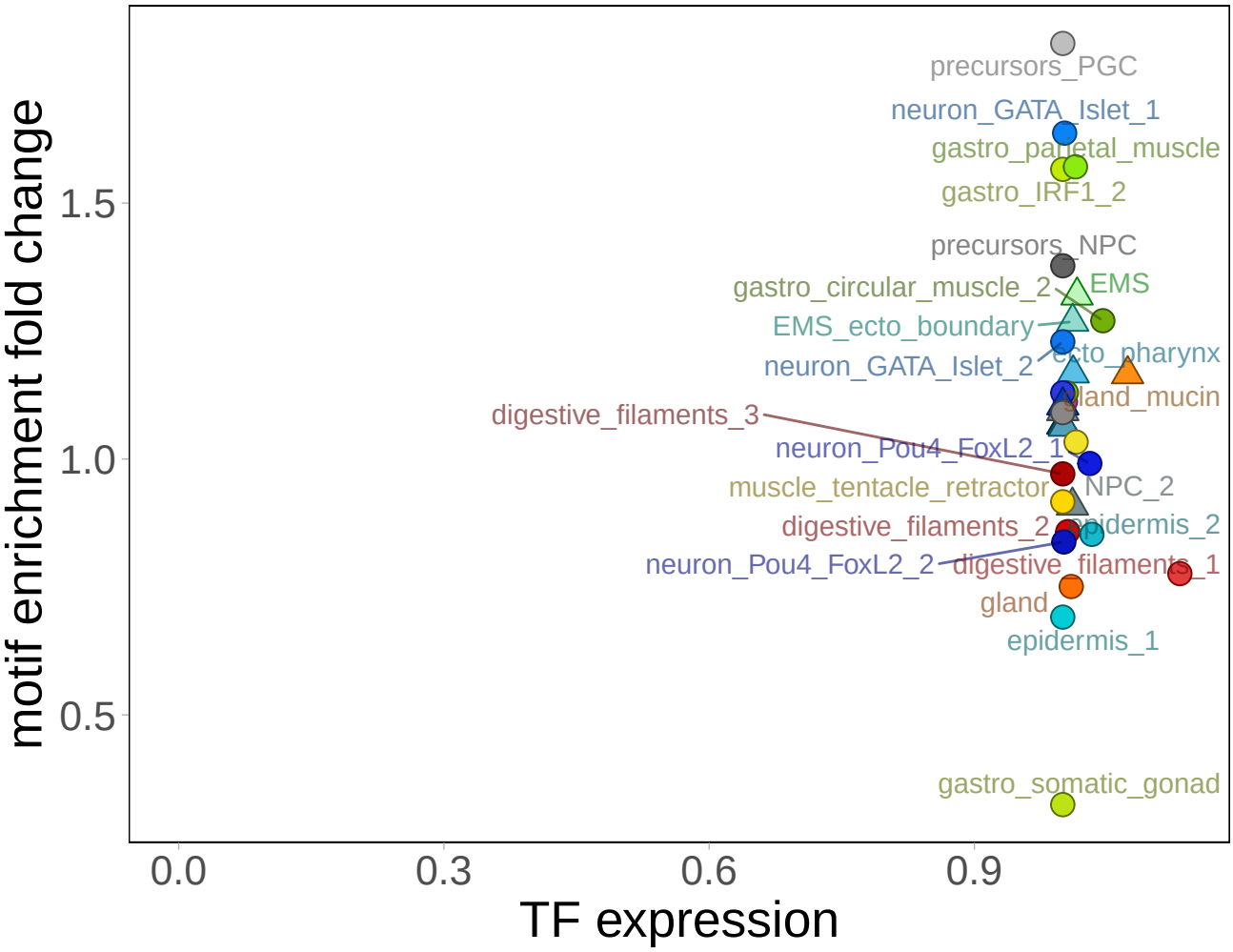




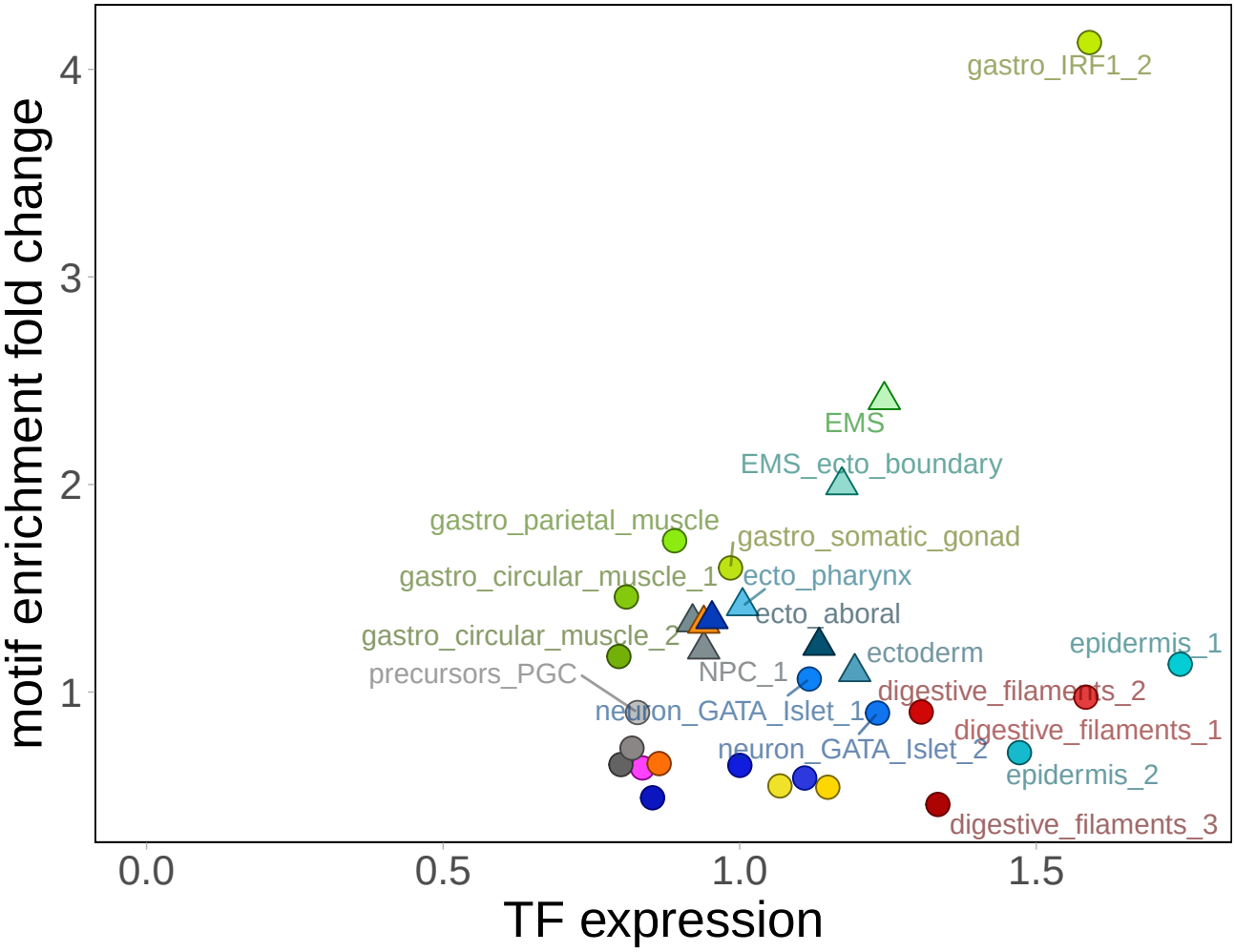
Nvec_vc1.1_XM_048731942.1
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/T
PFAM: HLH
motif: ARCH771_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.5667
gene score correlation: 0.2721



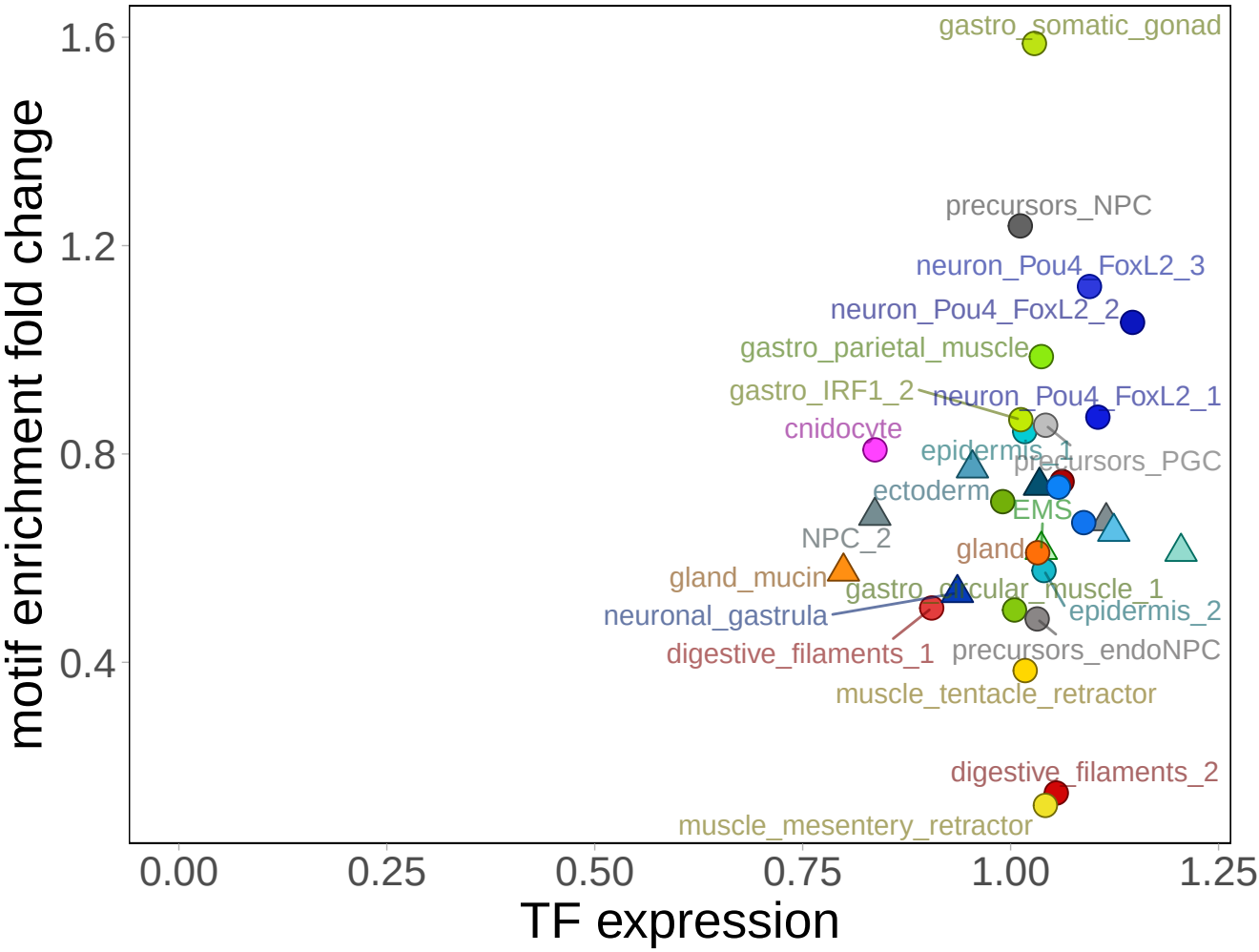
Nvec_vc1.1_XM_048732398.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 360
gene expression correlation: −0.1434
gene score correlation: 0.2419



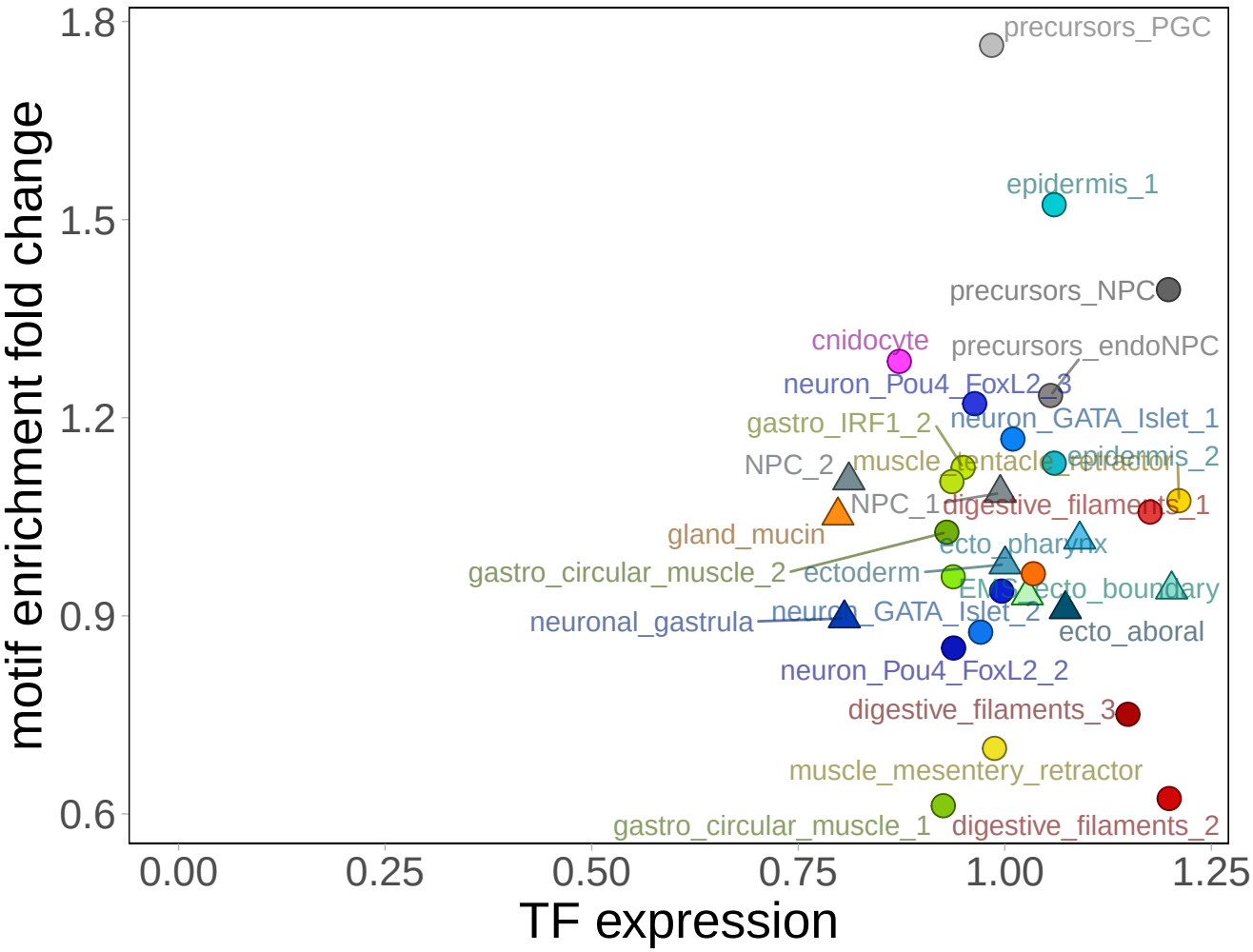
Nvec_vc1.1_XM_048732532.1
OG: Ets.HG1.8:ETS1/ETS2
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 214
gene expression correlation: 0.2872
gene score correlation: 0.3408



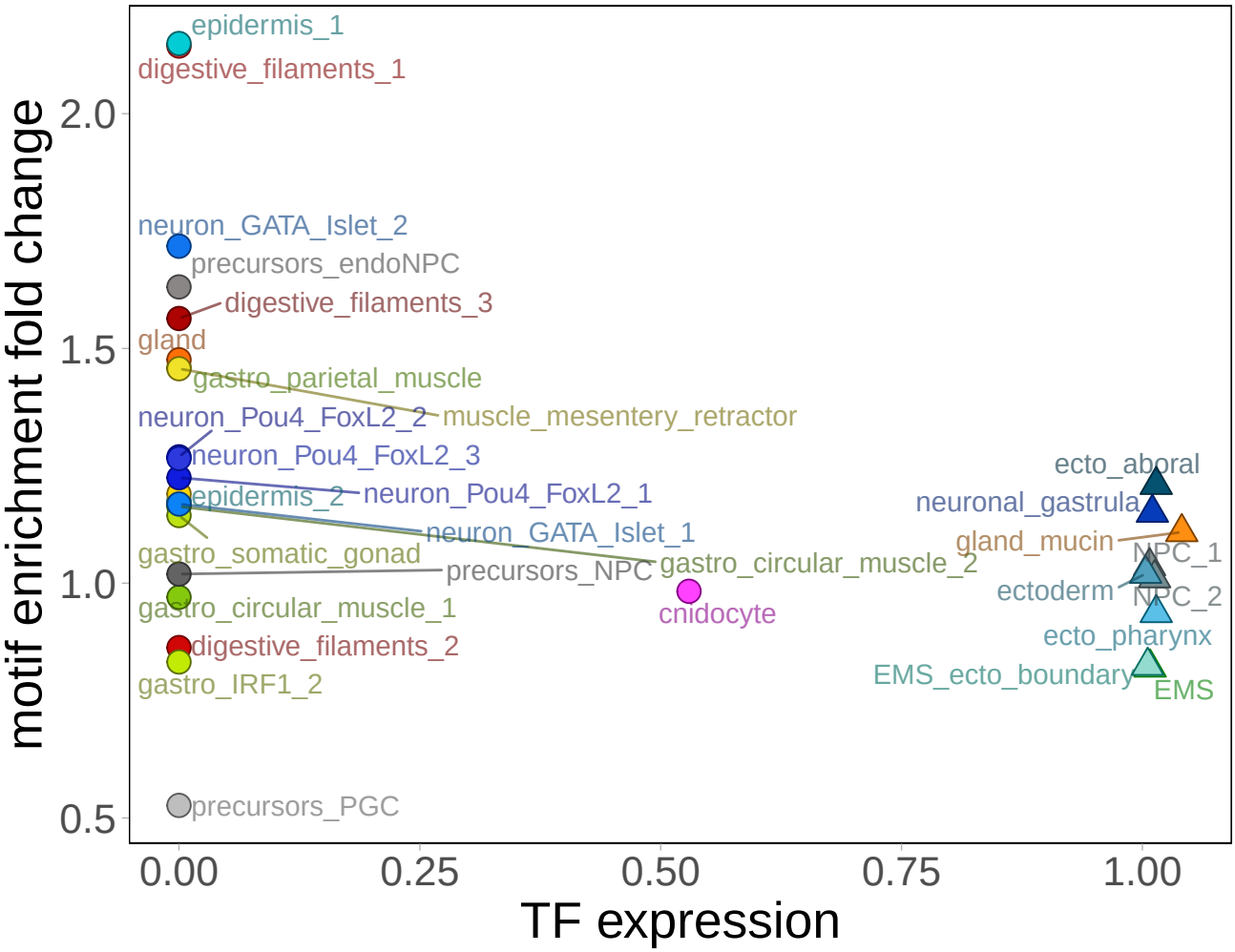
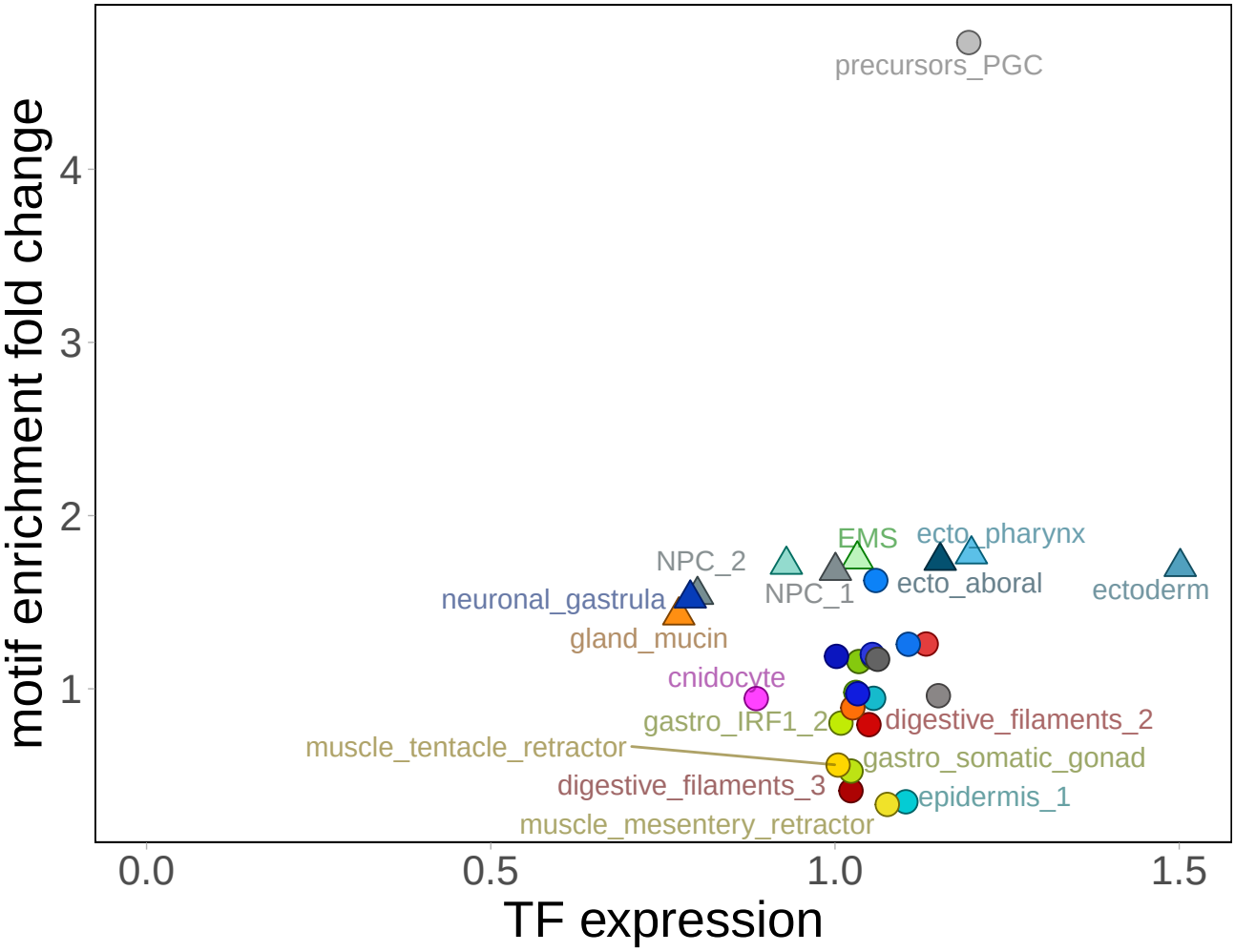
Nvec_vc1.1_XM_048732776.1
OG: HMGbox_Sox.HG1.22:MAEL
PFAM: HMG_box_2/Maelstrom
motif: ARCH21_Mael_Tox3/Tox/Tox2/Tox4
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 977
gene expression correlation: 0.1089
gene score correlation: 0.0214



Nvec_vc1.1_XM_048733498.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSA
PFAM: Myb_DNA−bind_4/Myb_DNA−bind_4/M
motif: ARCH153_Msantd2_Rcor1/Rcor2...
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 633
gene expression correlation: −0.0279
gene score correlation: 0.2192



Nvec_vc1.1_XM_048733551.1
OG: Homeodomains.HG1.5:like:AC004080.3/A
PFAM: Homeodomain
motif: ARCH273_HOXD3
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1262
gene expression correlation: −0.3795
gene score correlation: −0.1111



Nvec_vc1.1_XM_048734435.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 16
gene expression correlation: 0.1998
gene score correlation: 0.3856