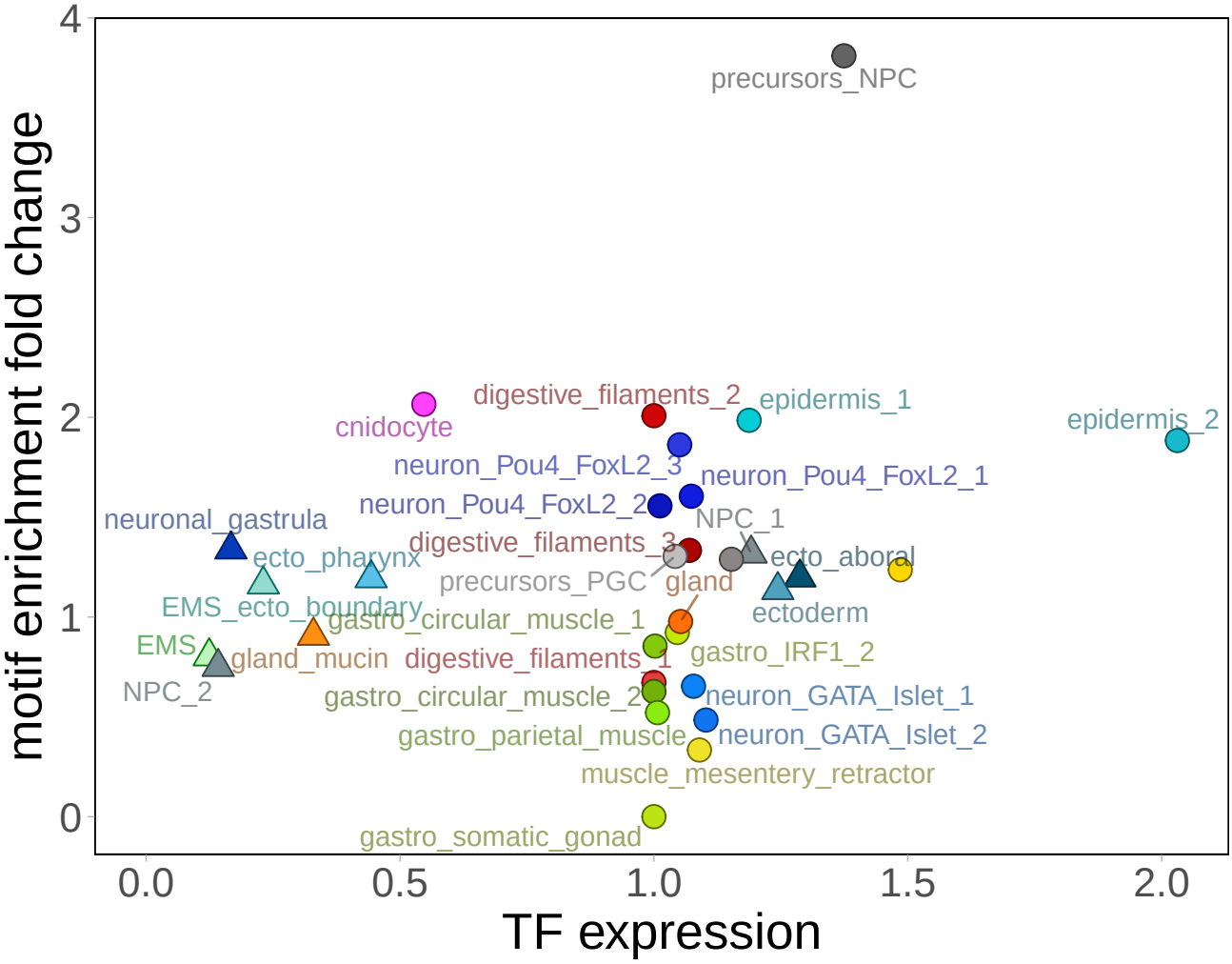
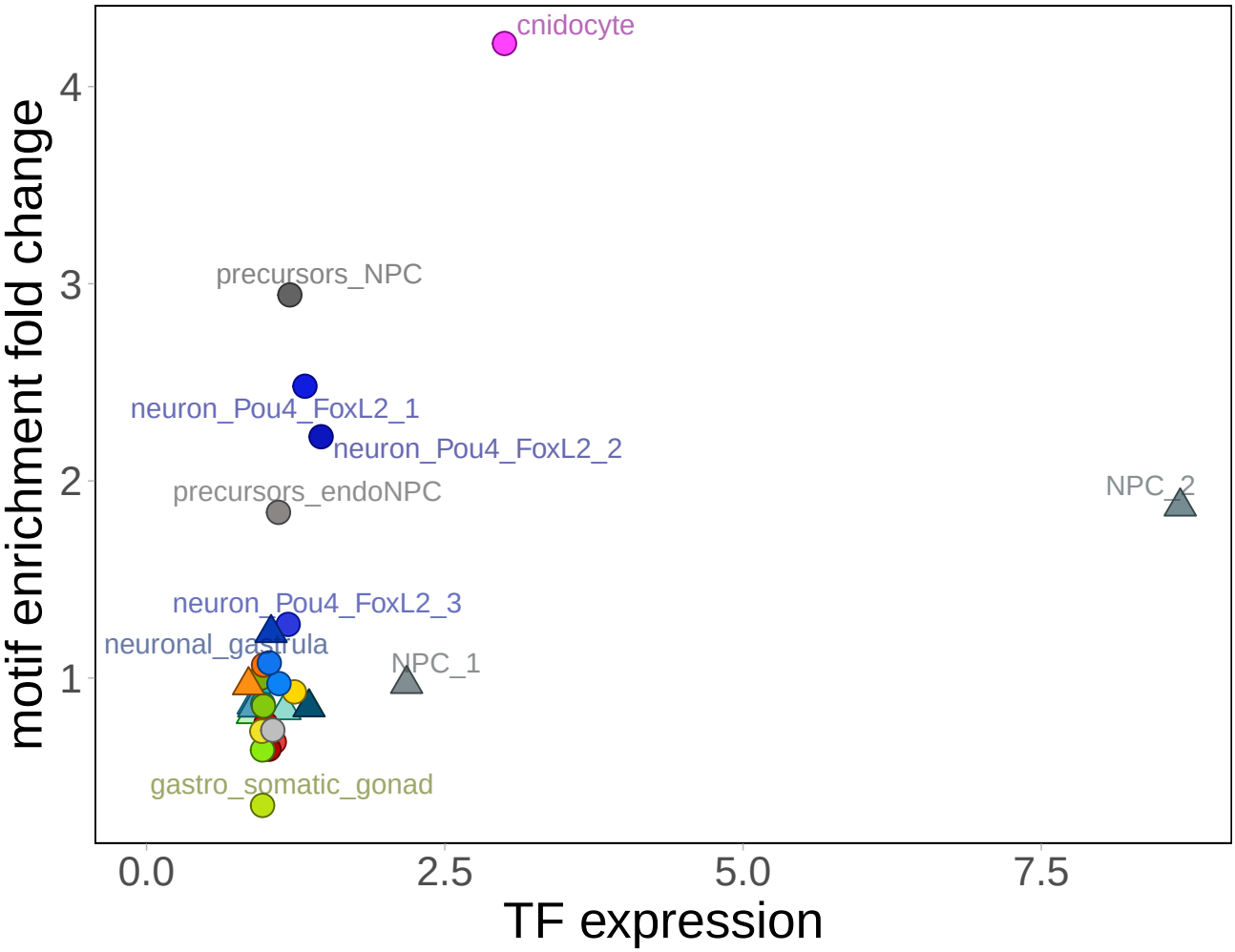
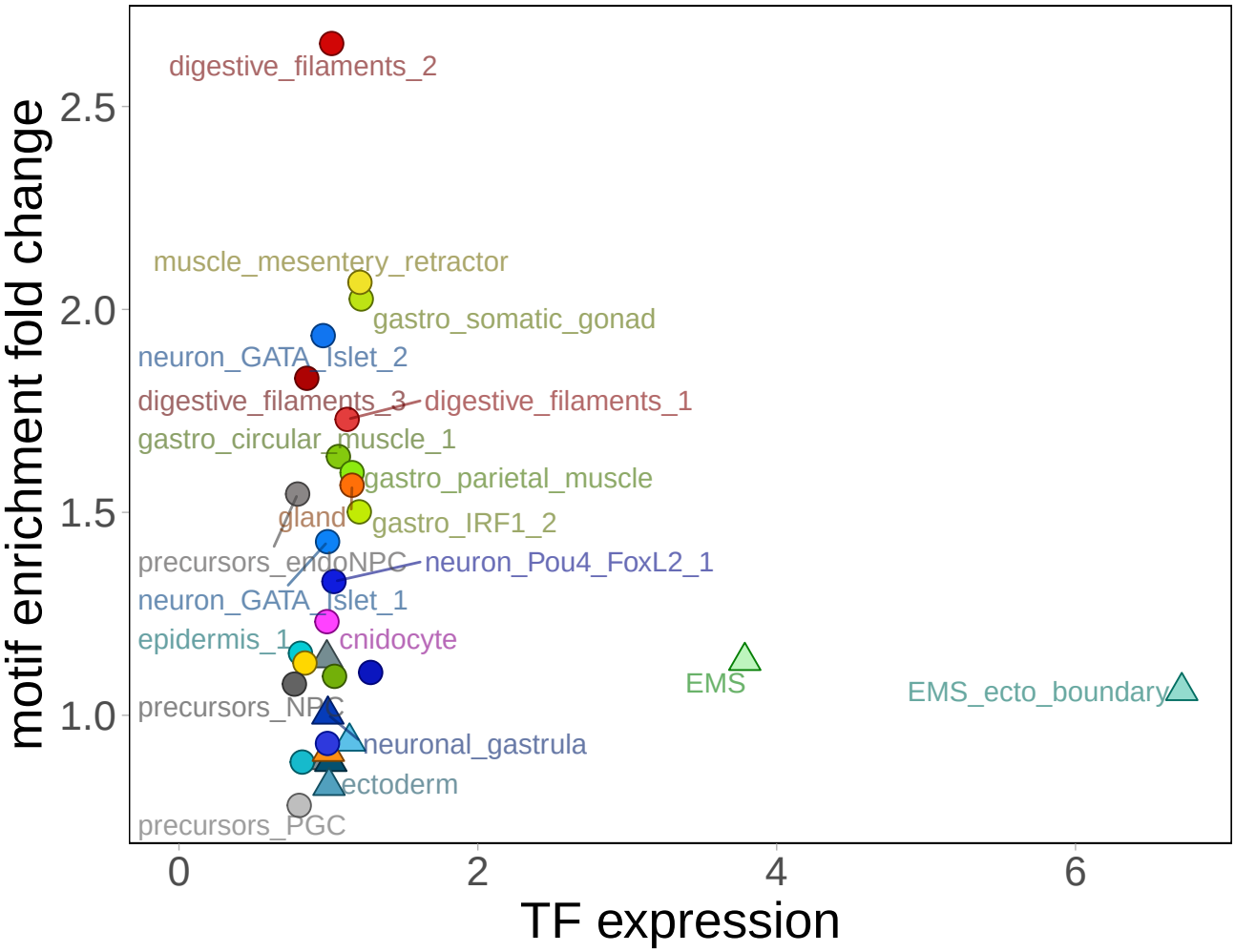
Nvec_NVE23841 (SoxB2/Sox3)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
motif: ARCH1153_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 24
gene expression correlation: 0.2462
gene score correlation: 0.5845



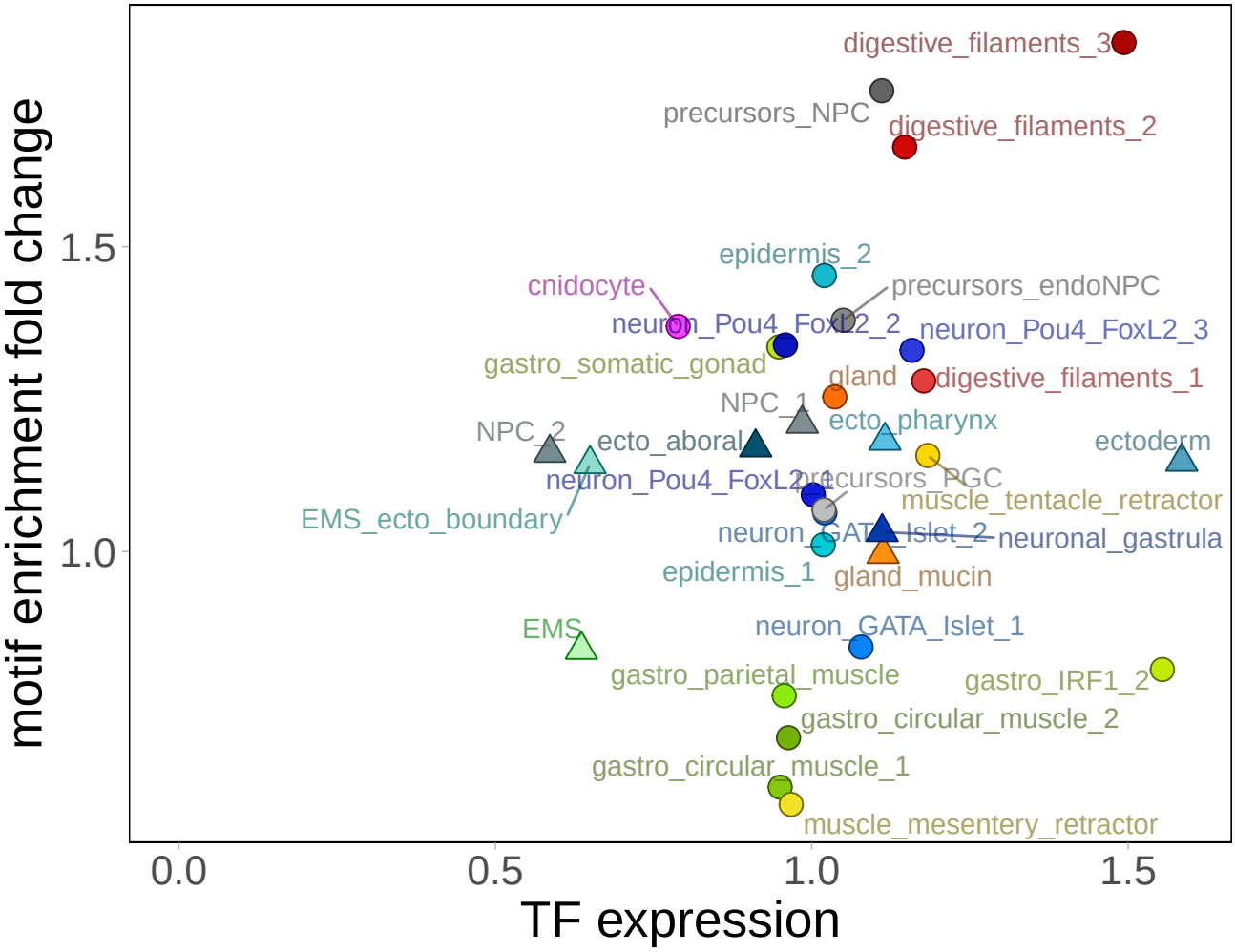
Nvec_v1g19278 (Klf13)
OG: zf−C2H2.HG2.12:KLF9/KLF13/KLF14/KLI
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3530
gene score correlation: 0.7055



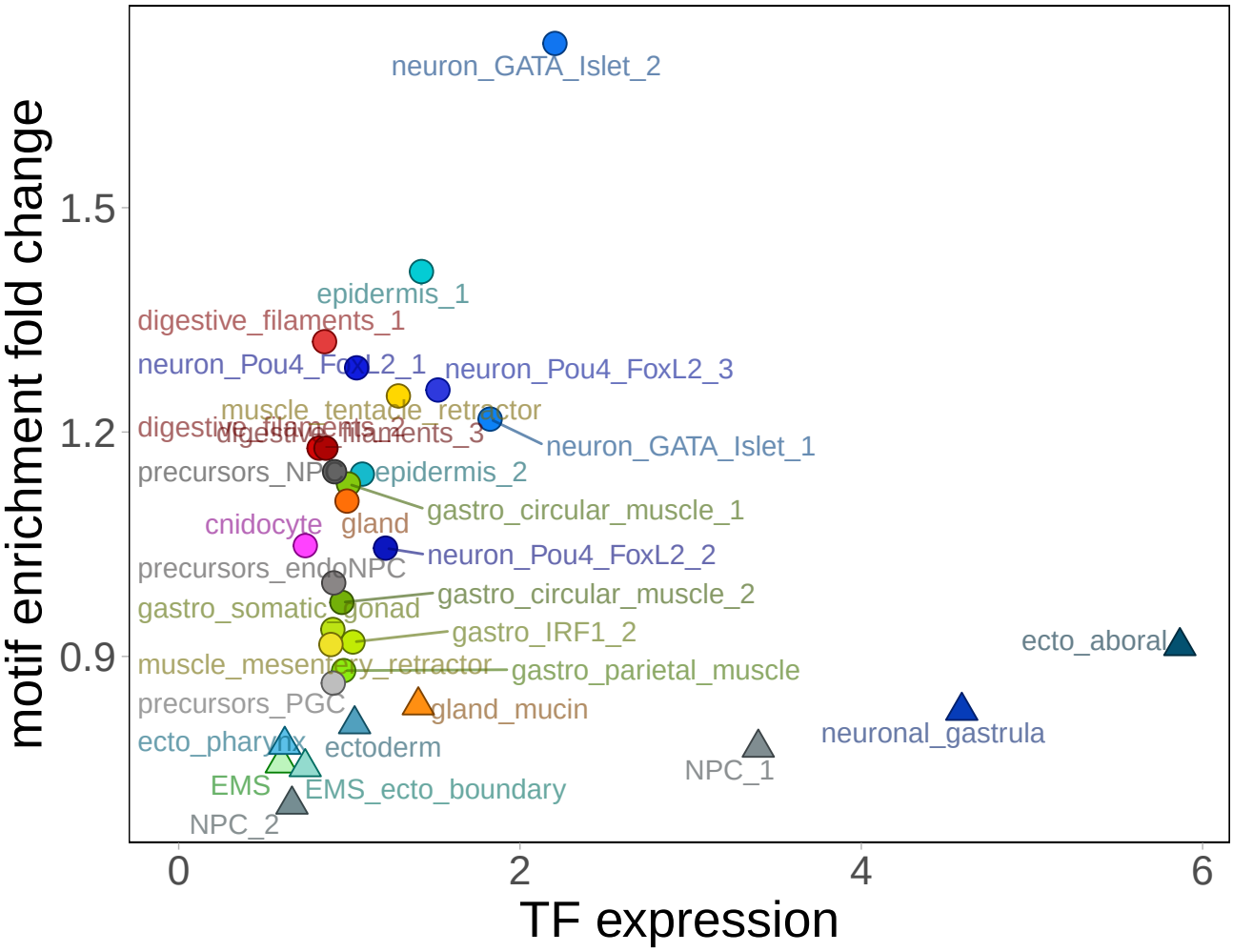
Nvec_vc1.1_XM_001623084.3 (Six4/5)
OG: Homeodomains.HG3.24:SIX4/SIX5
PFAM: SIX1_SD/Homeodomain
motif: ARCH1503_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: −0.0962
gene score correlation: 0.4301



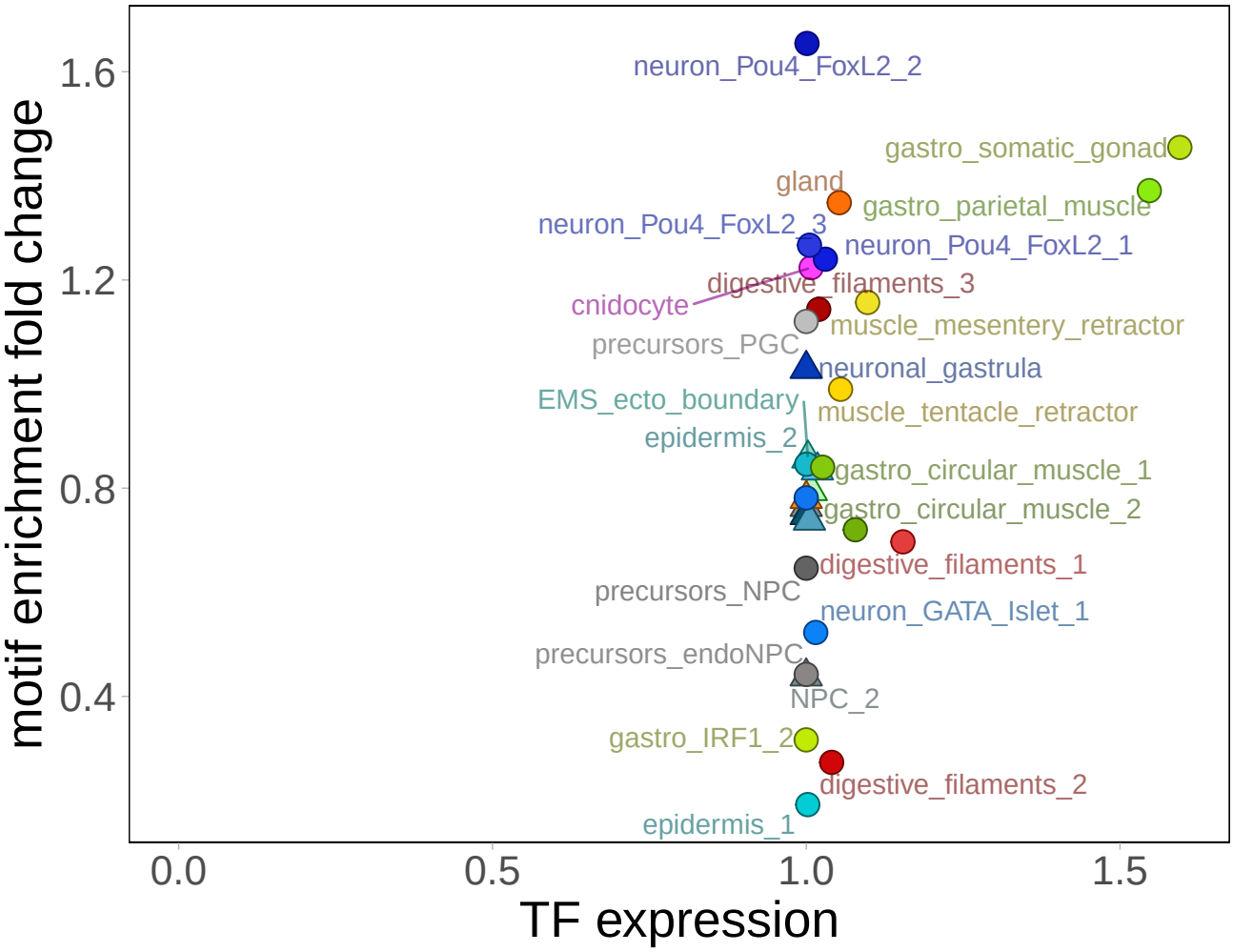
Nvec_vc1.1_XM_001624716.3 (NvSox1)
OG: HMGbox_Sox.HG1.35:SOX1/SOX2/SOX3
PFAM: HMG_box/SOXp
motif: ARCH1177_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 2
gene expression correlation: 0.2115
gene score correlation: 0.5452



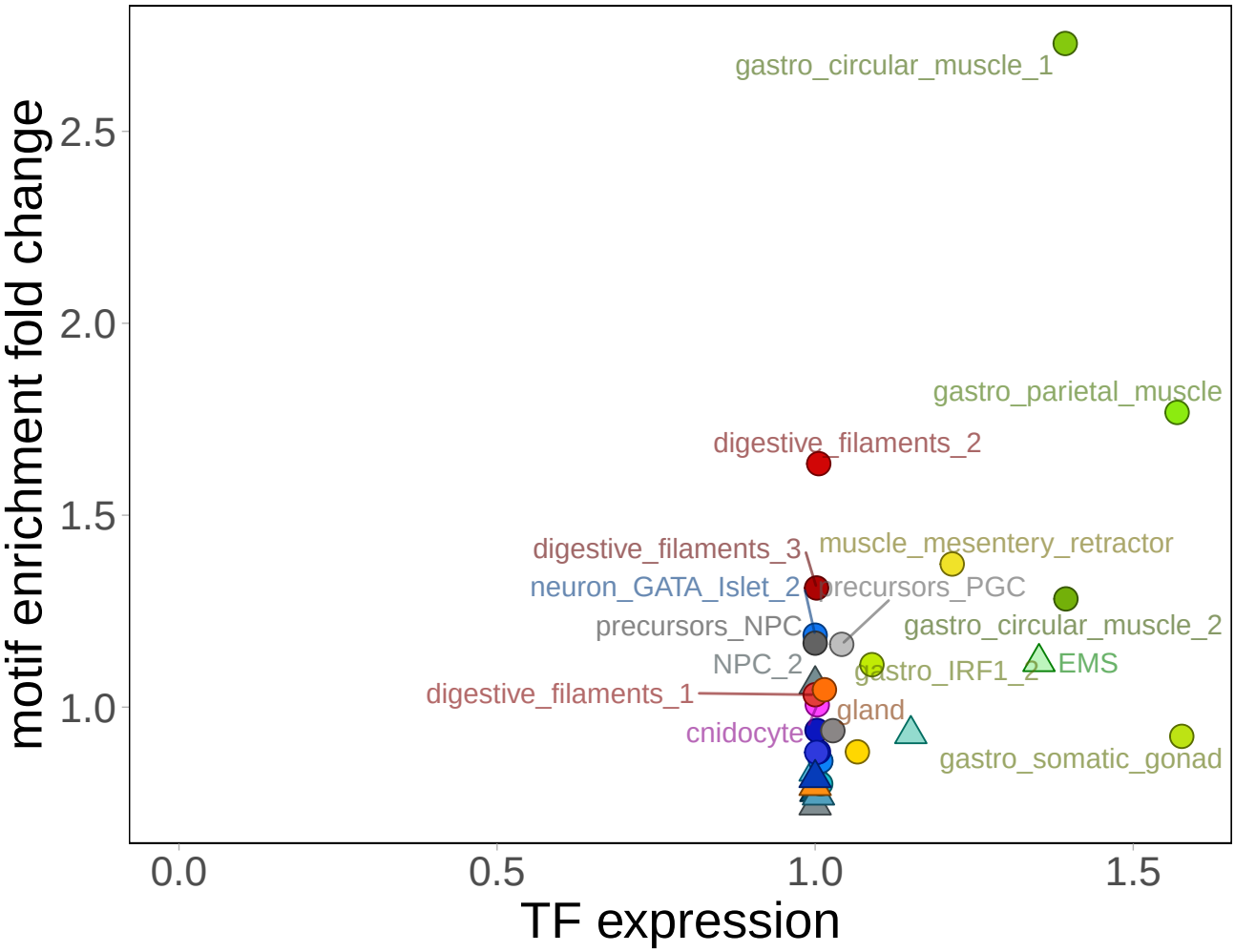
Nvec_vc1.1_XM_001625109.3 (Six3/6)
OG: Homeodomains.HG3.30:SIX3/SIX6
PFAM: SIX1_SD/Homeodomain
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: −0.0453
gene score correlation: 0.3694



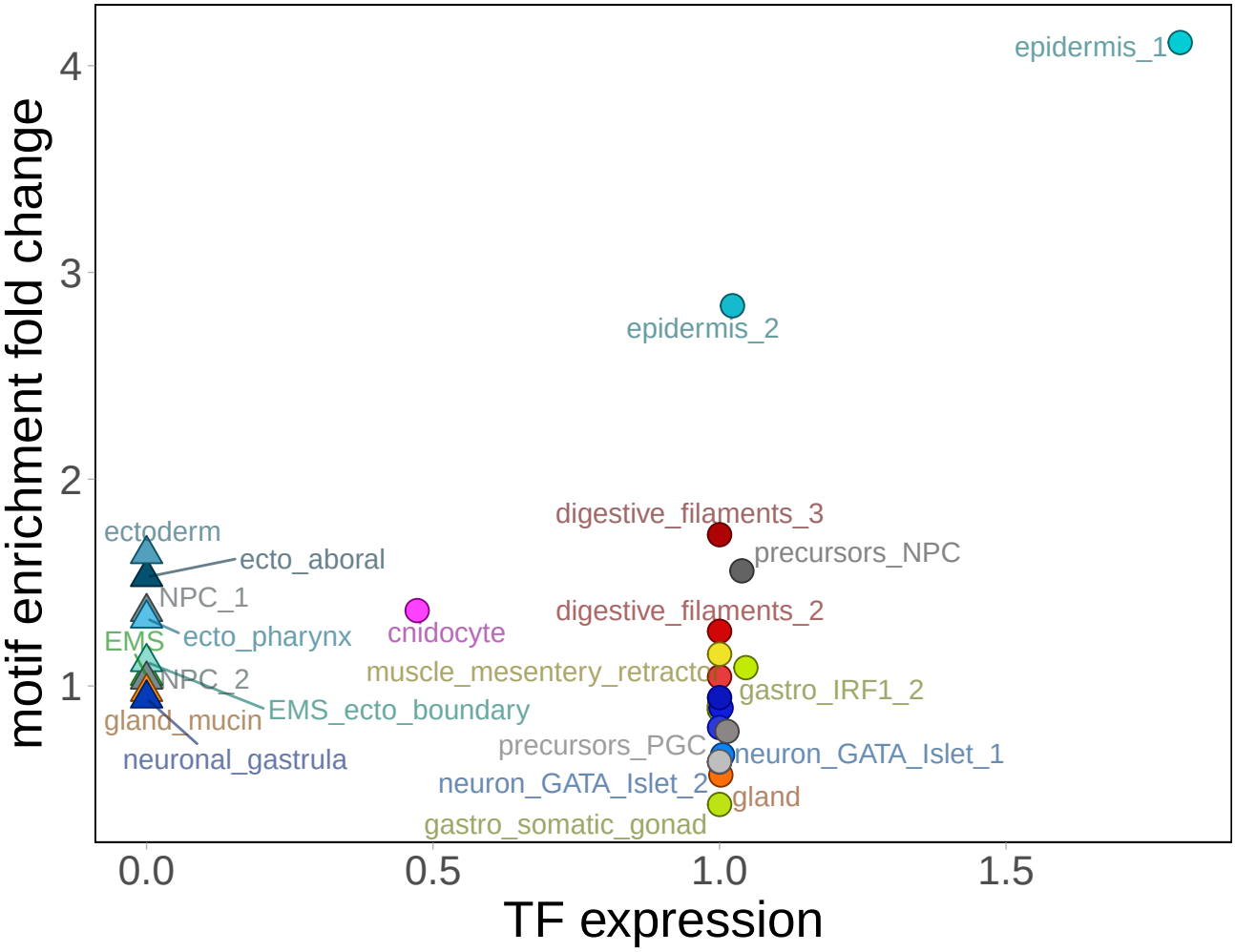
Nvec_vc1.1_XM_001625950.3 (FoxC)
OG: Forkhead.HG1.10:FOXC1/FOXC2
PFAM: Forkhead
motif: ARCH964_Foxc2/Foxc1_Foxg1/G...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 236
gene expression correlation: 0.4030
gene score correlation: 0.2709



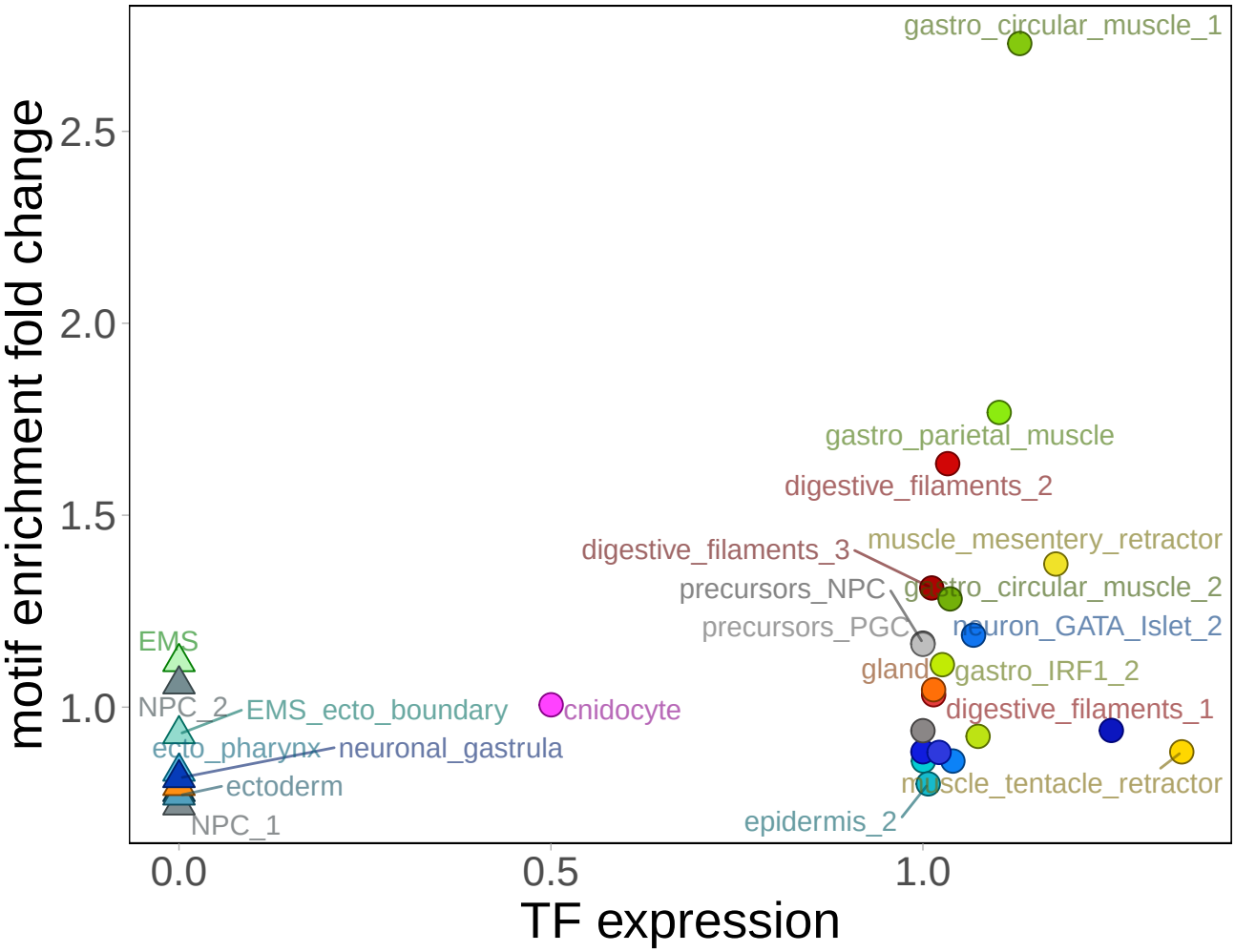
Nvec_vc1.1_XM_001627136.3 (Tbx1/10−2)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5180
gene score correlation: 0.7352



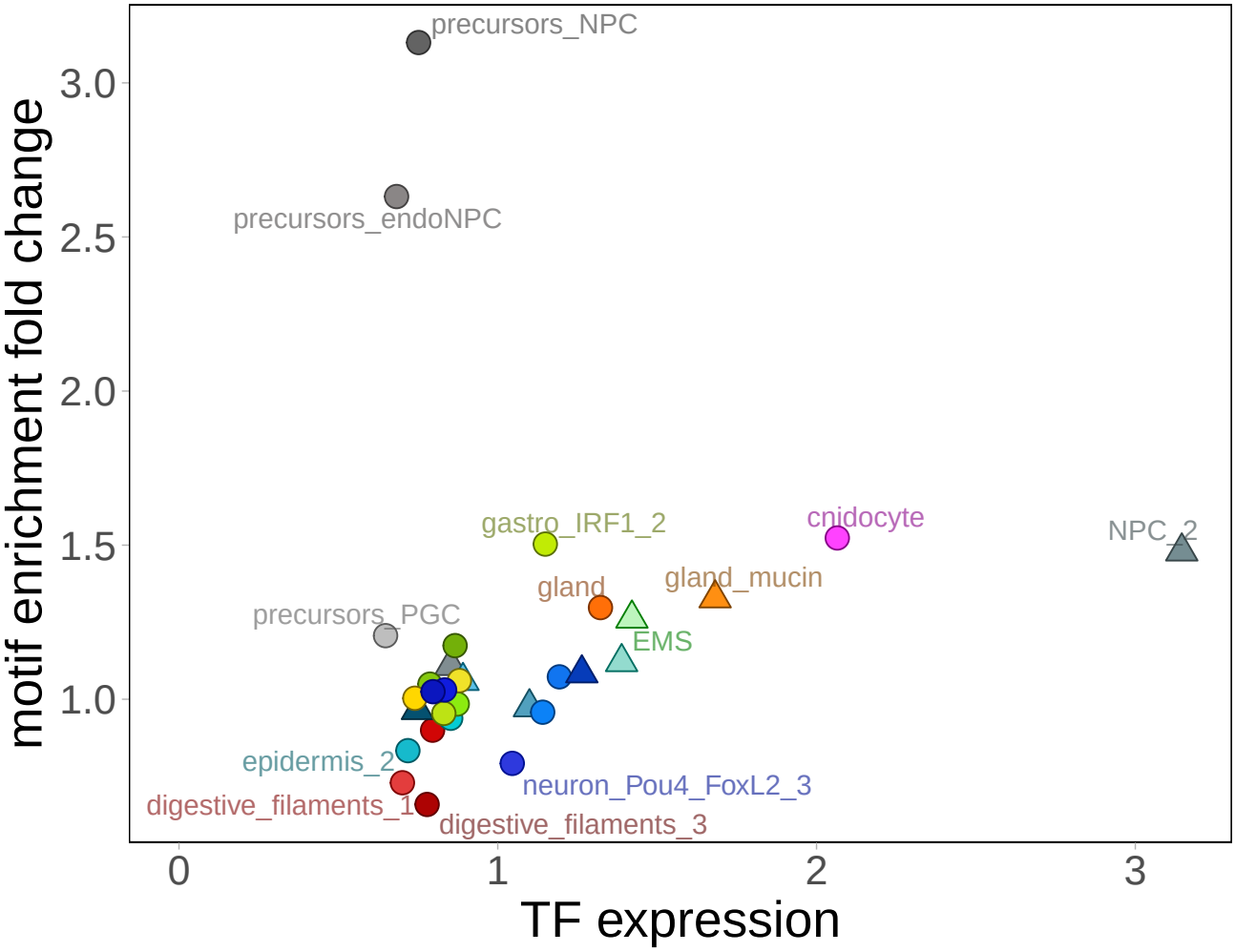
Nvec_vc1.1_XM_001628635.3 (PAX3/7)
OG: Homeodomains.HG2.28:PAX3/PAX7
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1965
gene score correlation: 0.7872



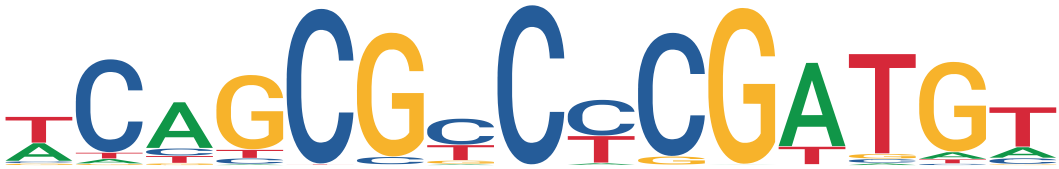
Nvec_vc1.1_XM_001629218.3 (TBX20)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 4
gene expression correlation: 0.3765
gene score correlation: 0.7918

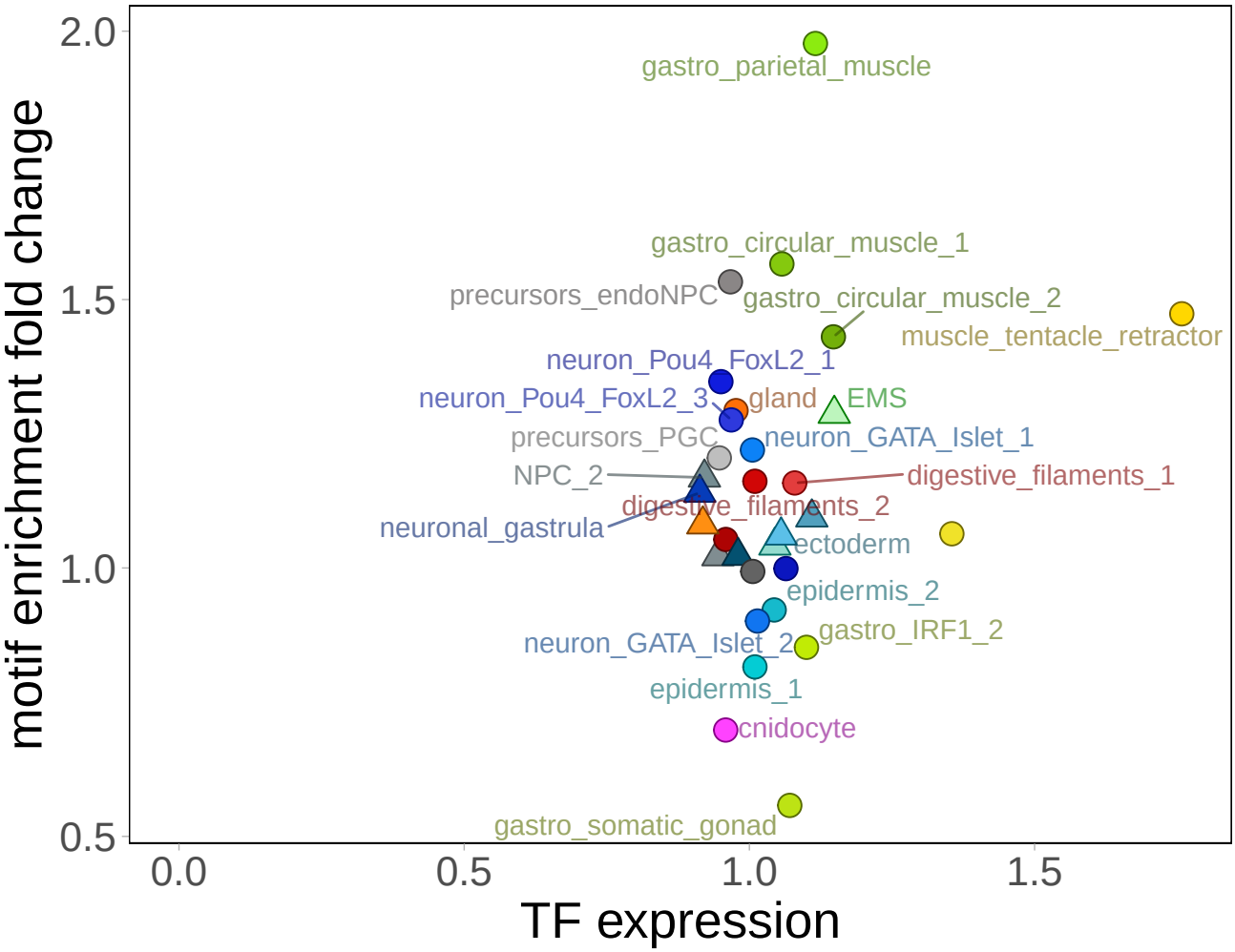


Nvec_vc1.1_XM_001629694.3 (XBP1)
OG: bZIP.HG1.16:XBP1
PFAM: bZIP_1
motif: ARCH790_Creb3l2/Creb3l1_Xbp1
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 297
gene expression correlation: 0.1122
gene score correlation: 0.0352

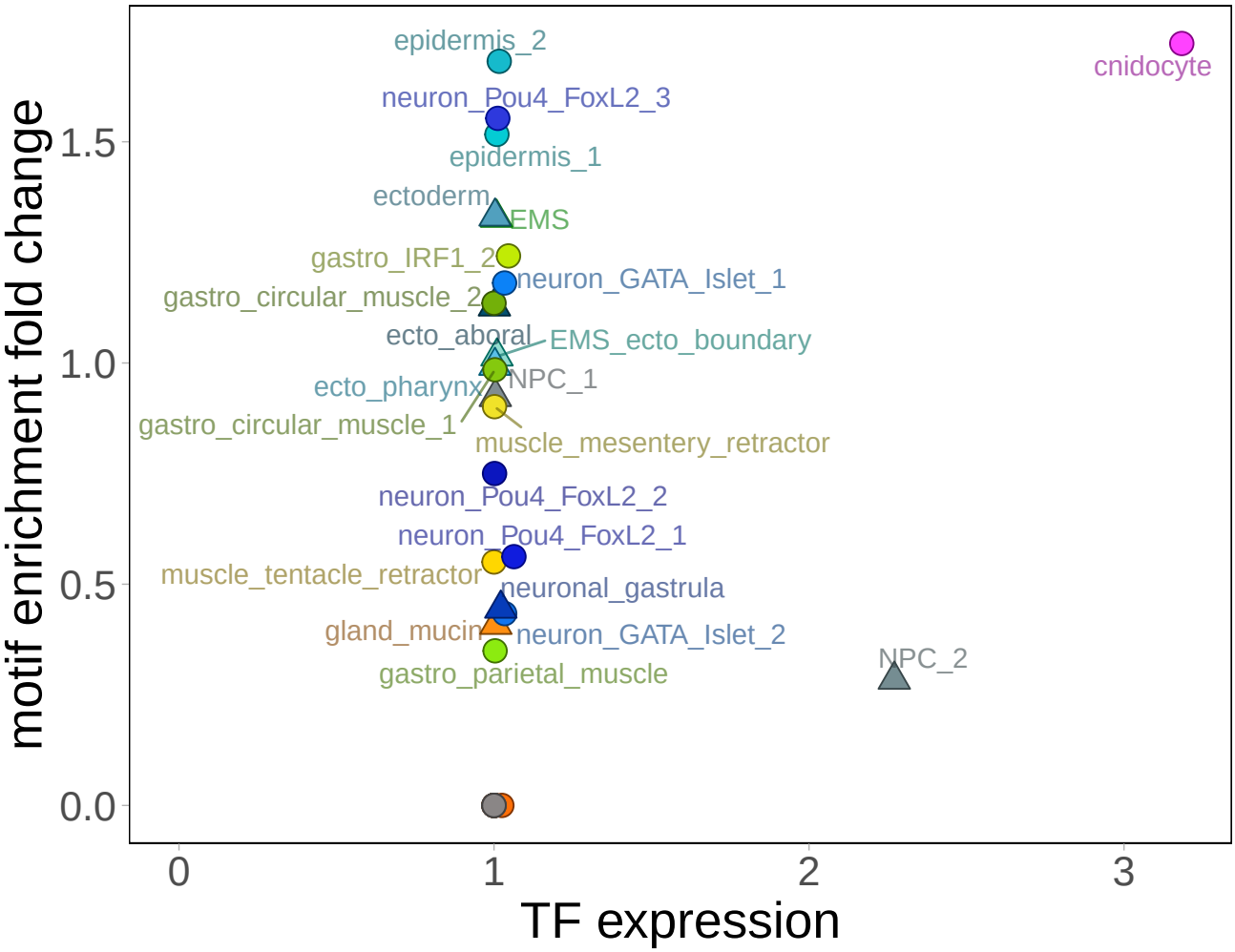


Nvec_vc1.1_XM_001629987.3 (NvSoxE1)
OG: HMGbox_Sox.HG1.42:SOX8/SOX9/SOX1
PFAM: Sox_N/HMG_box
motif: ARCH924_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 200
gene expression correlation: 0.2270
gene score correlation: 0.2760

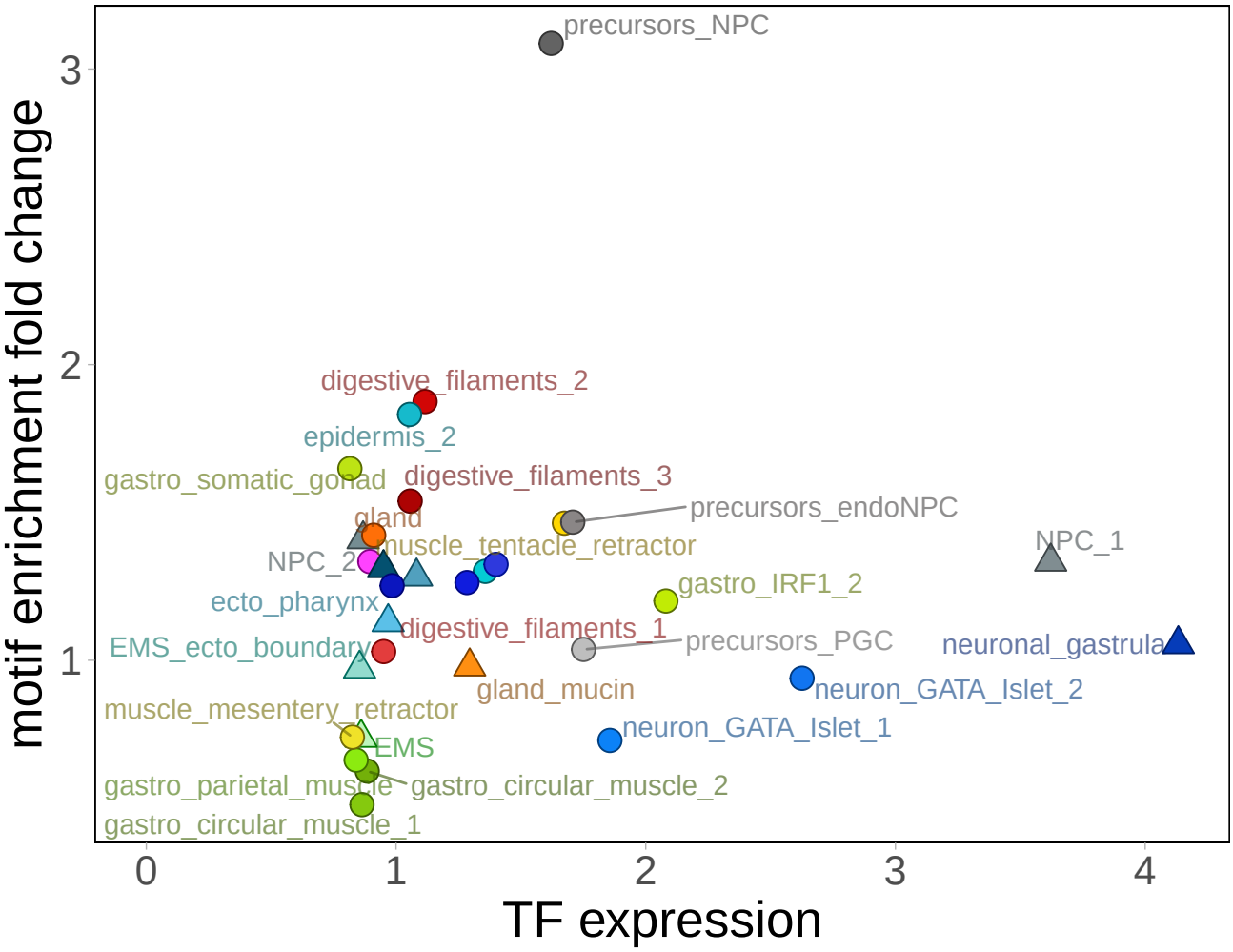




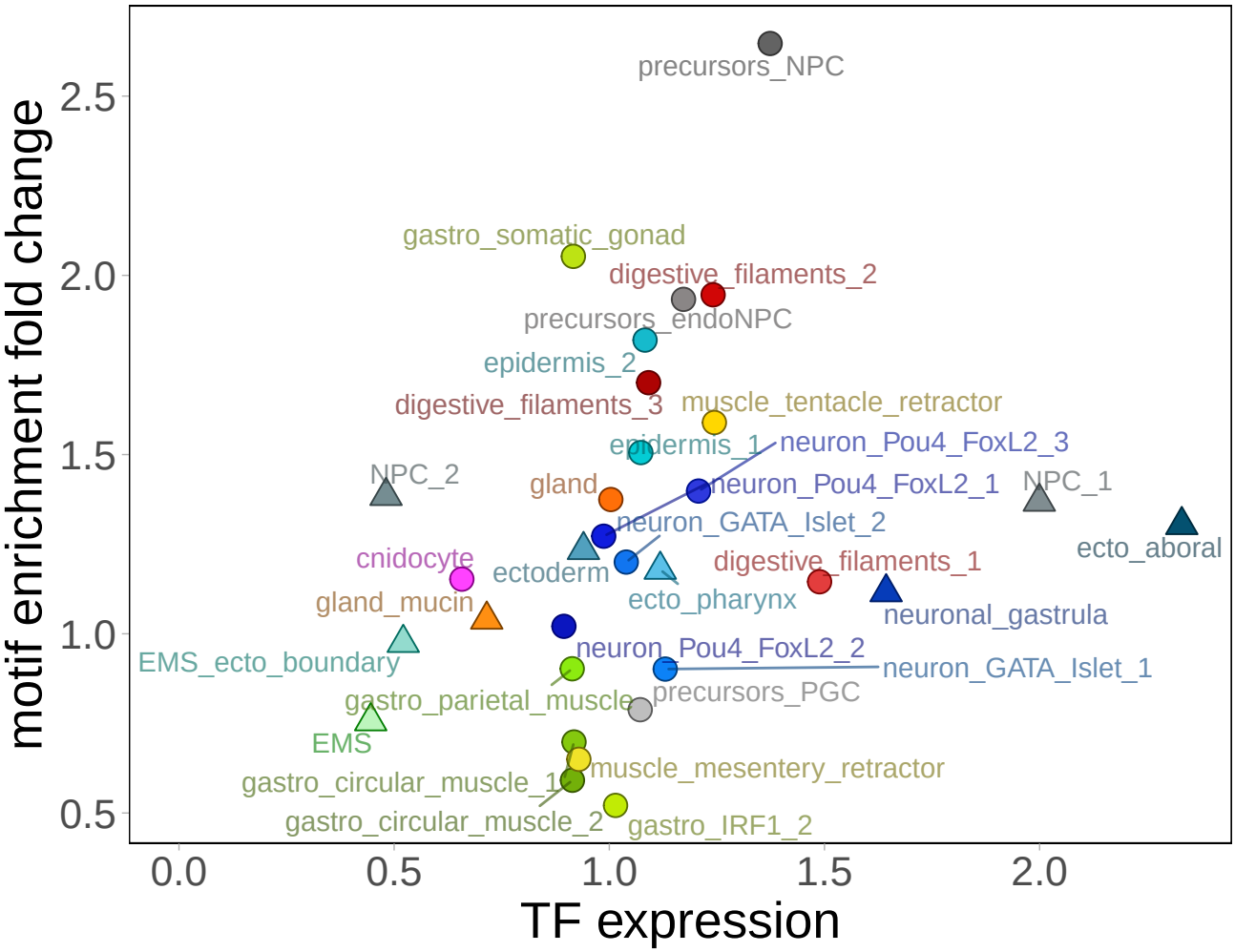
Nvec_vc1.1_XM_001631763.3 (PaxA)
OG: Homeodomains.HG2.49:like:PAX1/PAX9
PFAM: PAX
motif: ARCH1423_M11209_2.00
TF family: Pax
archetype family: Pax
CisBP assigned: TRUE
rank: 252
gene expression correlation: 0.2166
gene score correlation: 0.1040



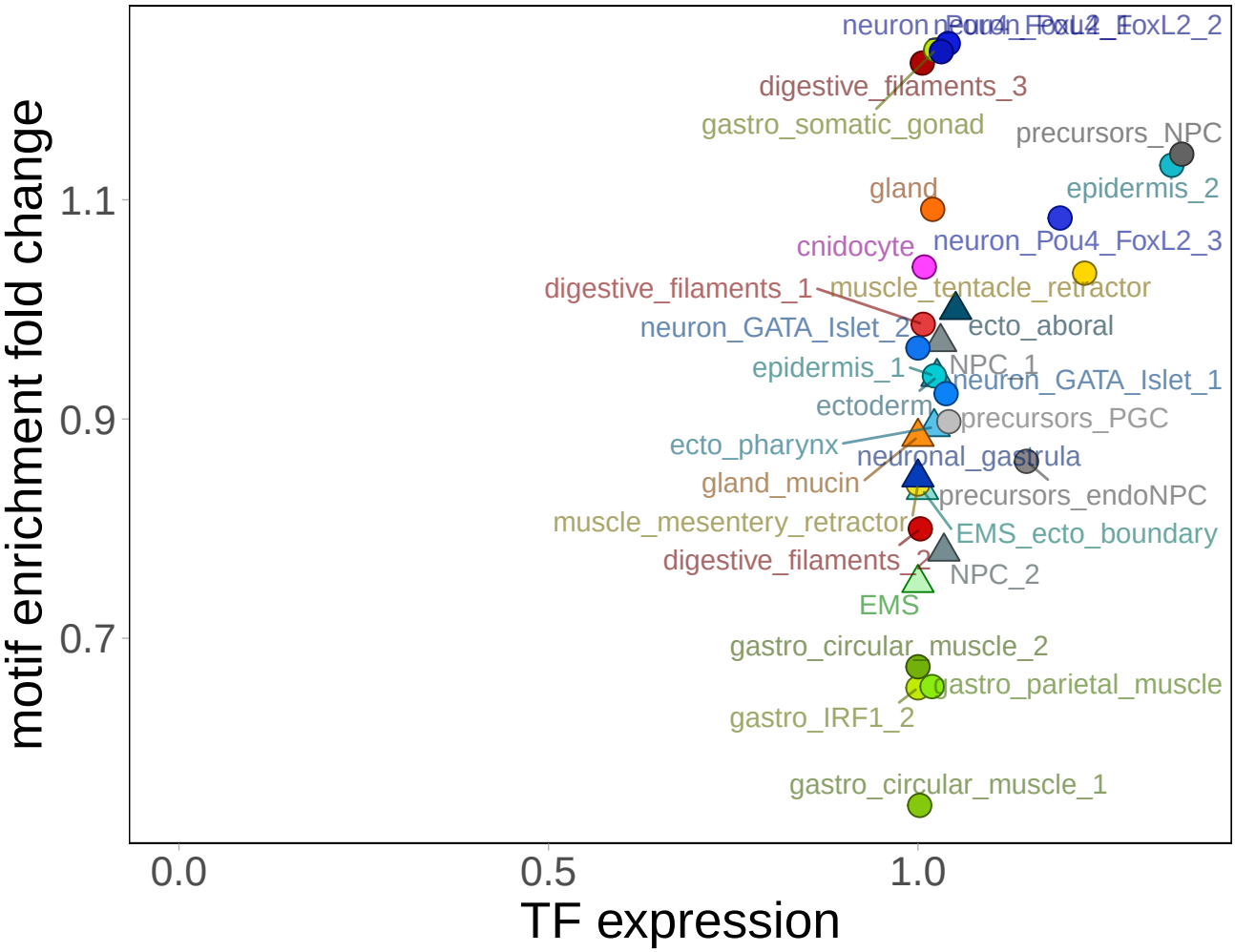
Nvec_vc1.1_XM_001632568.3 (NvSoxB2a)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
motif: ARCH1174_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 2
gene expression correlation: 0.0379
gene score correlation: 0.8051



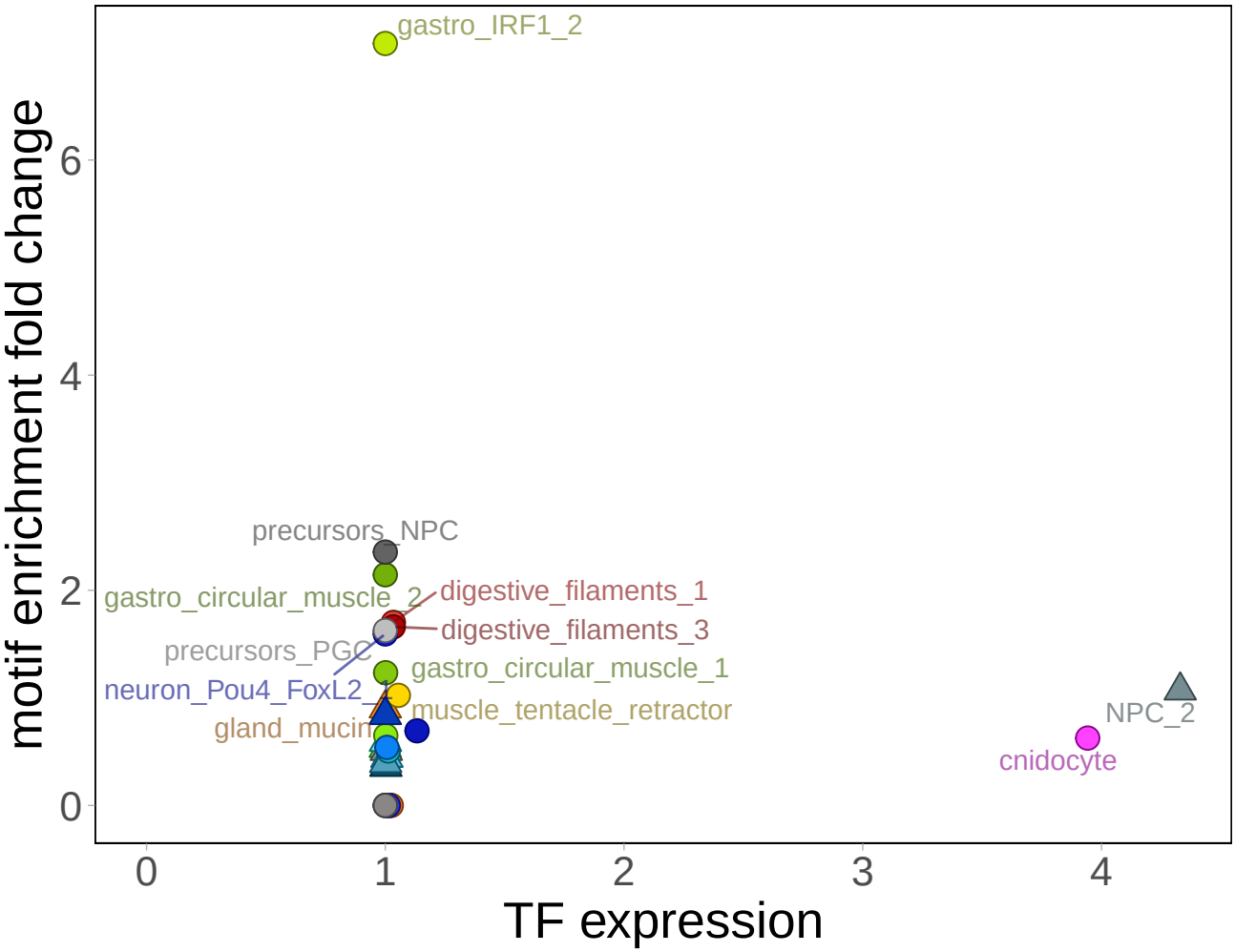
Nvec_vc1.1_XM_001632947.3 (NvSoxB1)
OG: HMGbox_Sox.HG1.35:SOX1/SOX2/SOX3
PFAM: HMG_box/SOXp
motif: ARCH1135_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 15
gene expression correlation: 0.2669
gene score correlation: 0.7446



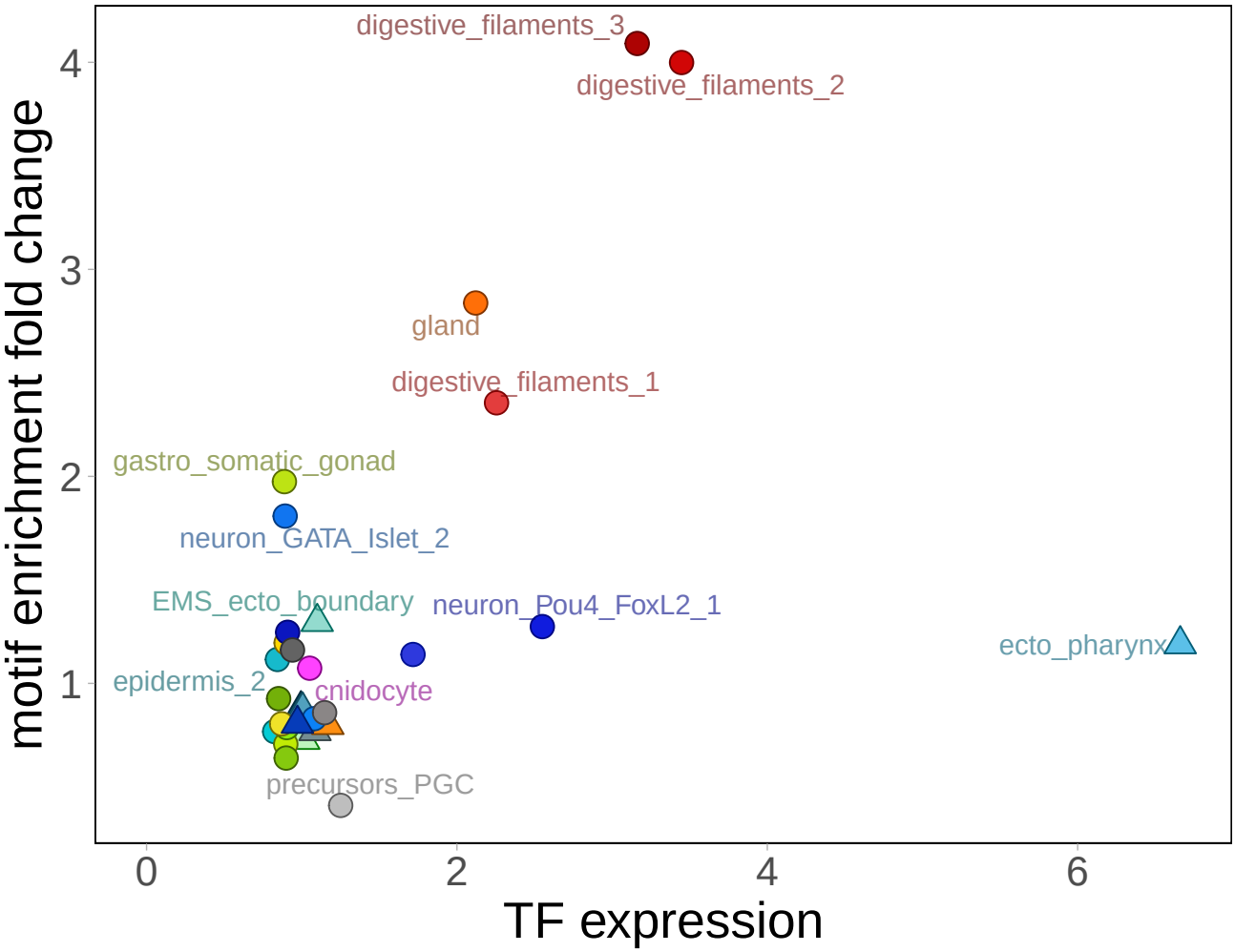
Nvec_vc1.1_XM_001634202.3 (Anthox6/Ax6)
OG: Homeodomains.HG1.58:HOXA1/HOXB1/H
PFAM: Homeodomain
motif: ARCH33_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 136
gene expression correlation: 0.3783
gene score correlation: 0.3960



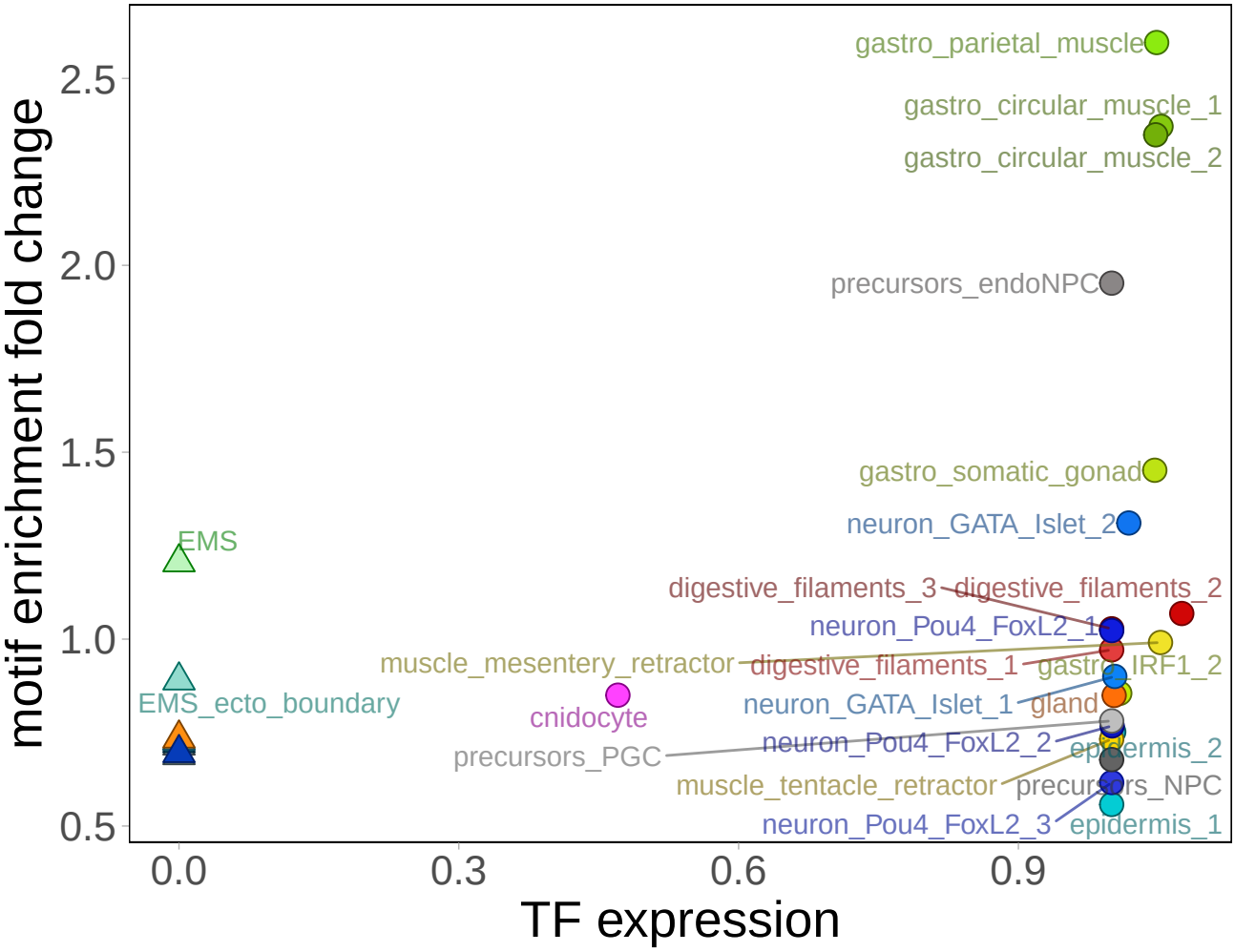
Nvec_vc1.1_XM_001634328.3 (NR12)
OG: zf−C4_Nuclear_receptors.HG1.24:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH1603_Nr2f1/Nr2f2/Nr2f6
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 488
gene expression correlation: −0.0175
gene score correlation: 0.0886



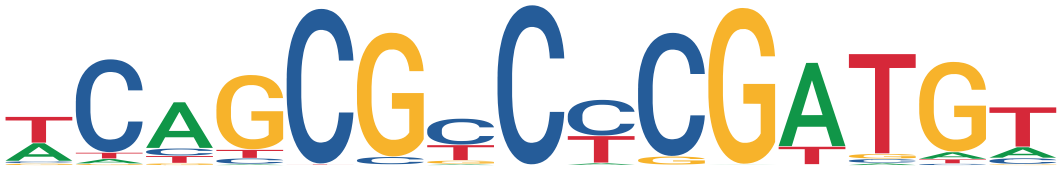
Nvec_vc1.1_XM_001634505.3 (FoxA)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead_N/Forkhead/HNF_C
motif: ARCH995_Foxa3/Foxa1/Foxa2_F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 2
gene expression correlation: 0.4659
gene score correlation: 0.9341

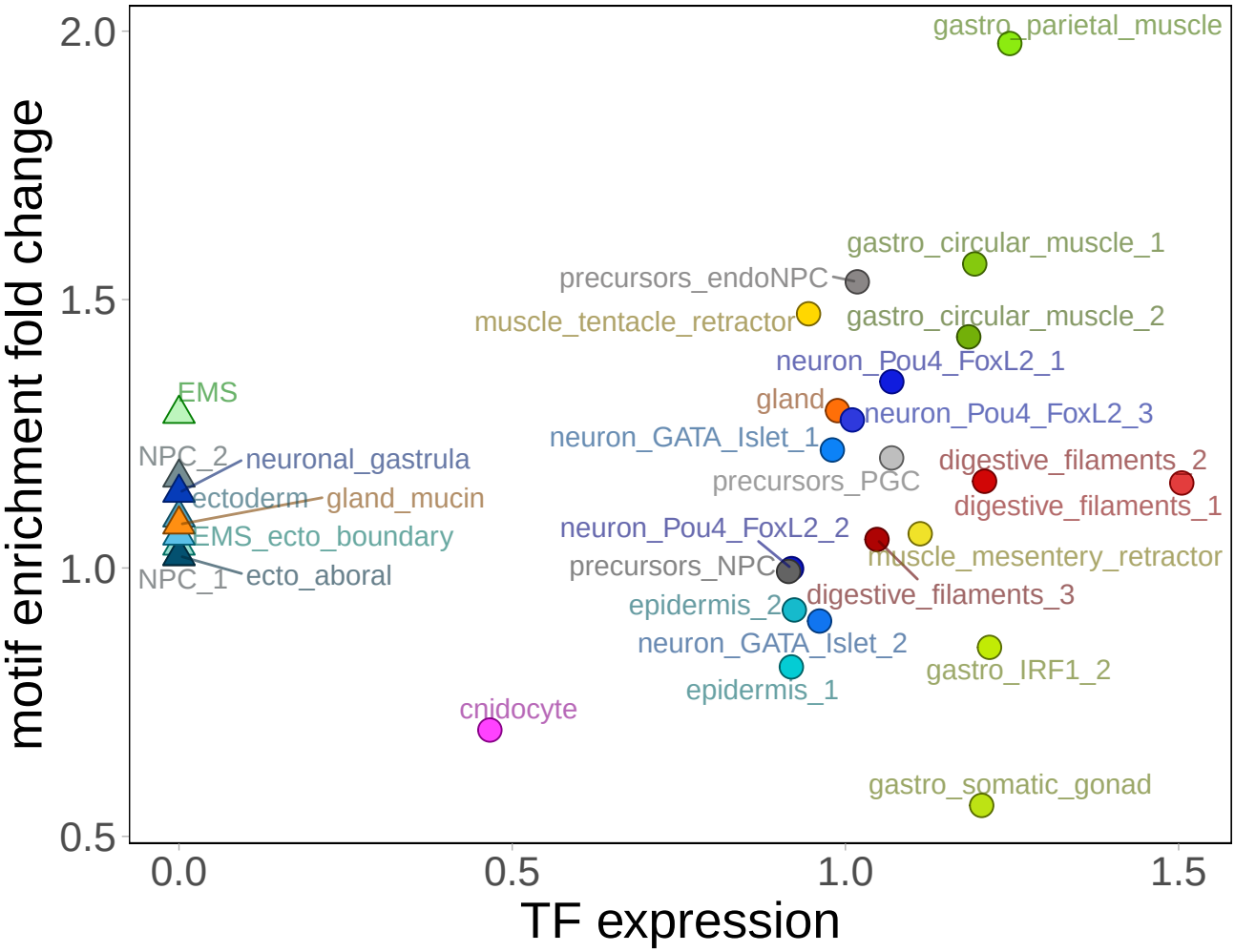


Nvec_vc1.1_XM_001634715.3 (Lbx)
OG: Homeodomains.HG1.29:LBX1/LBX2
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3521
gene score correlation: 0.5817

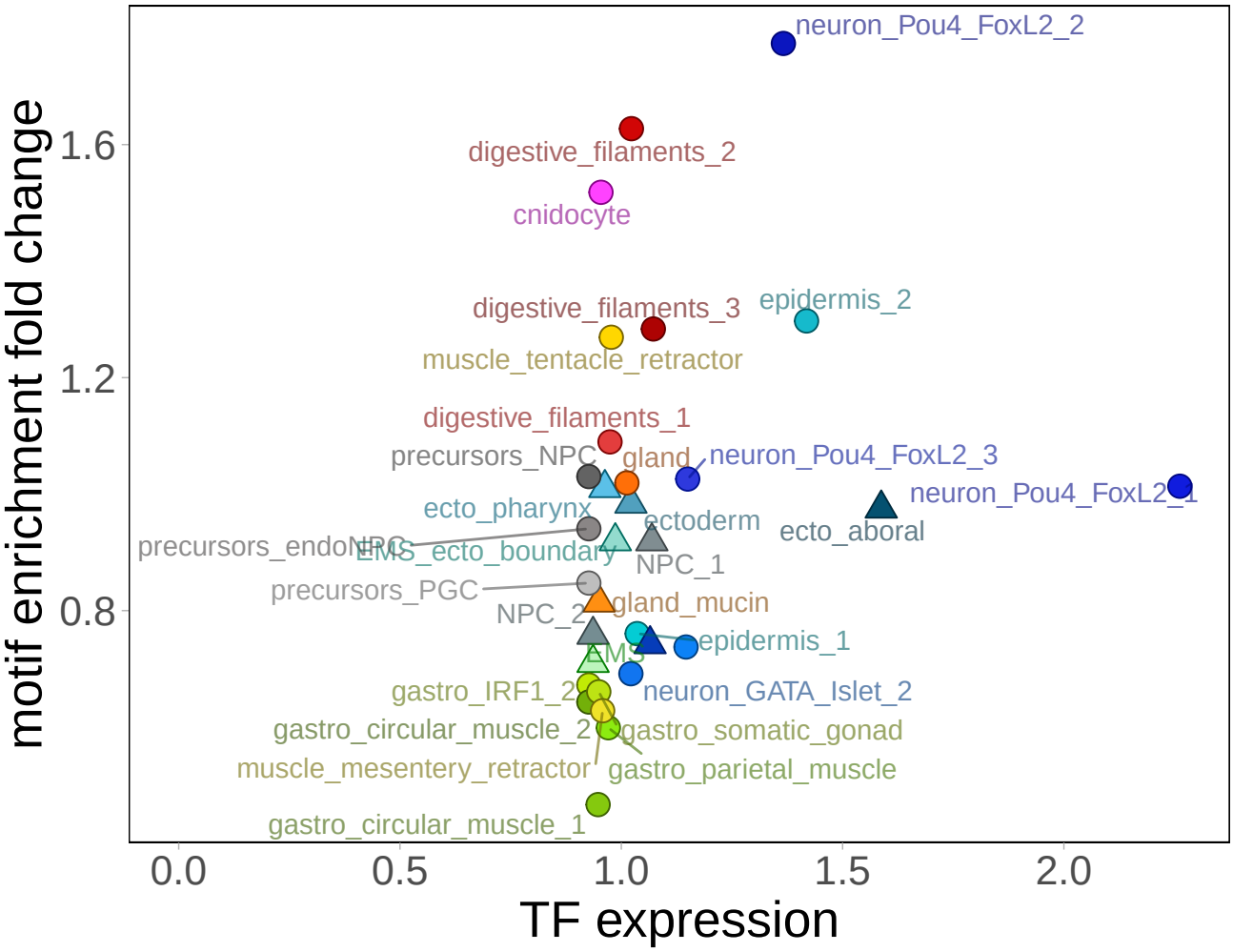


Nvec_vc1.1_XM_001636155.3 (NvSoxF1)
OG: HMGbox_Sox.HG1.16:like:PINX1/SOX7/S
PFAM: HMG_box
motif: ARCH924_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 377
gene expression correlation: 0.1988
gene score correlation: 0.2874

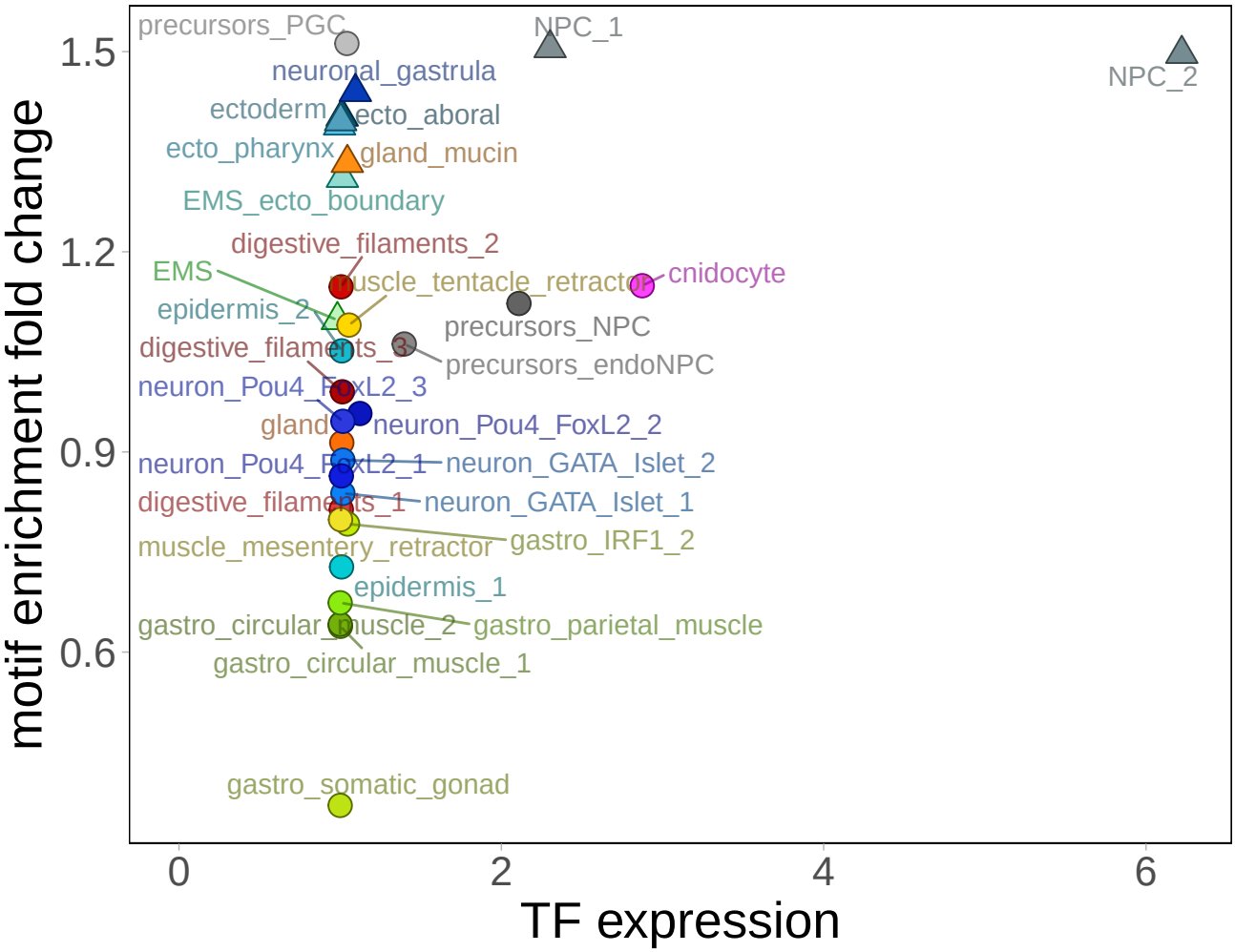




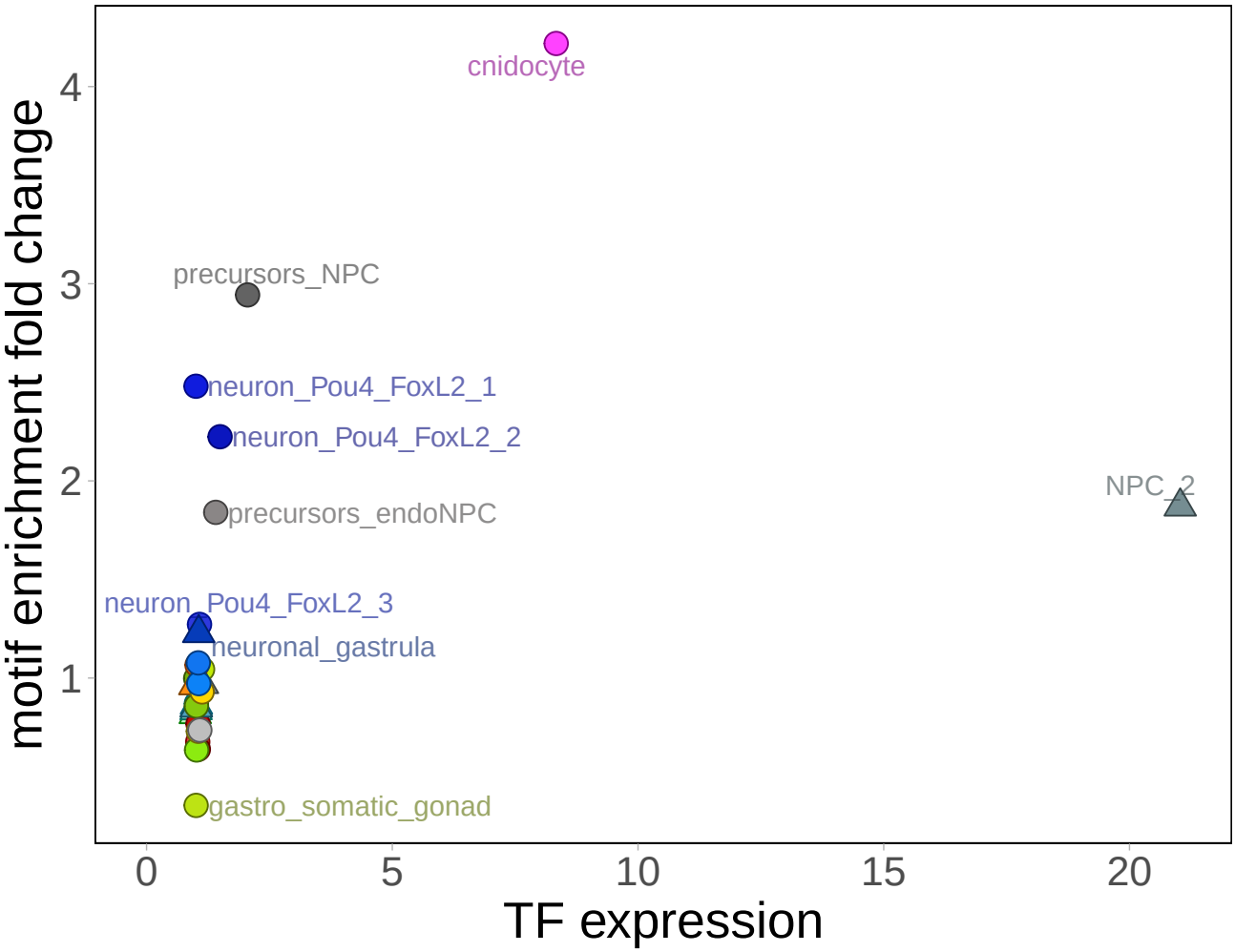
Nvec_vc1.1_XM_001636889.3 (FoxJ1)
OG: Forkhead.HG1.24:FOXJ1
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2570
gene score correlation: 0.5295



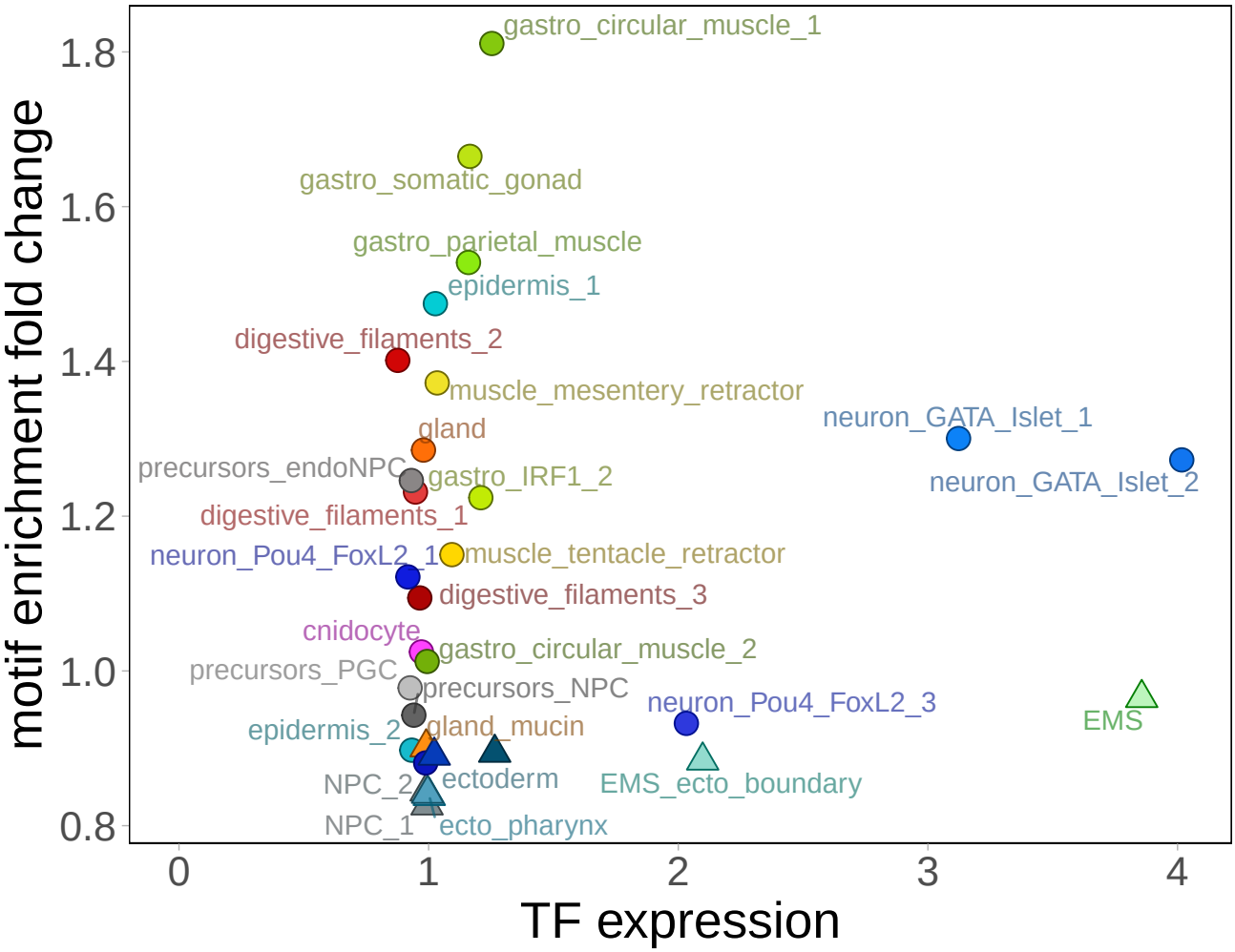
Nvec_vc1.1_XM_001639701.3 (NvSox2)
OG: HMGbox_Sox.HG1.14:like:SOX1/SOX2/S
PFAM: HMG_box
motif: ARCH1170_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 69
gene expression correlation: 0.3653
gene score correlation: 0.1669



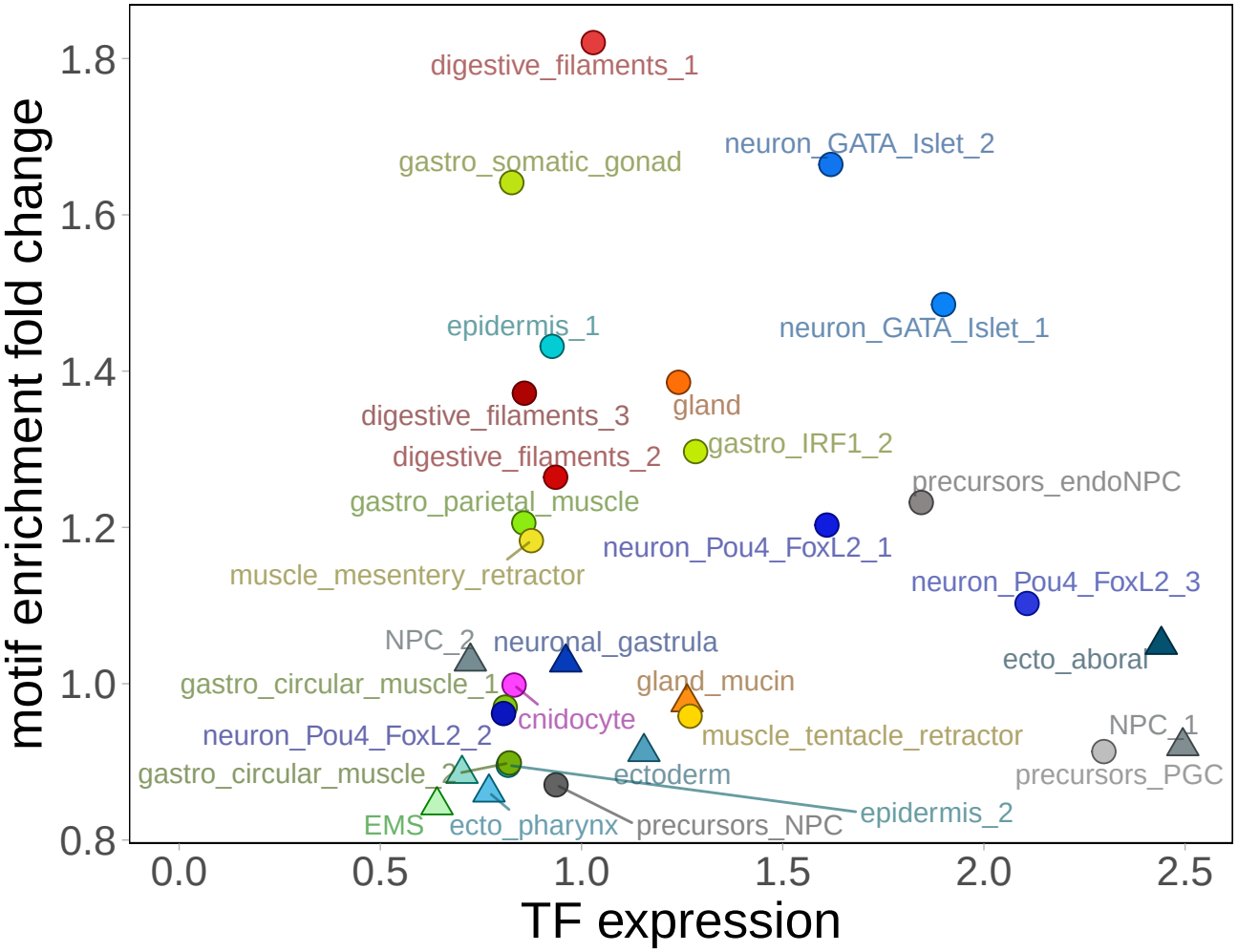
Nvec_vc1.1_XM_001641129.3 (ZNF845)
OG: zf−C2H2.HG3.8:like:ZNF770
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−H2C2_2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4148
gene score correlation: 0.8933



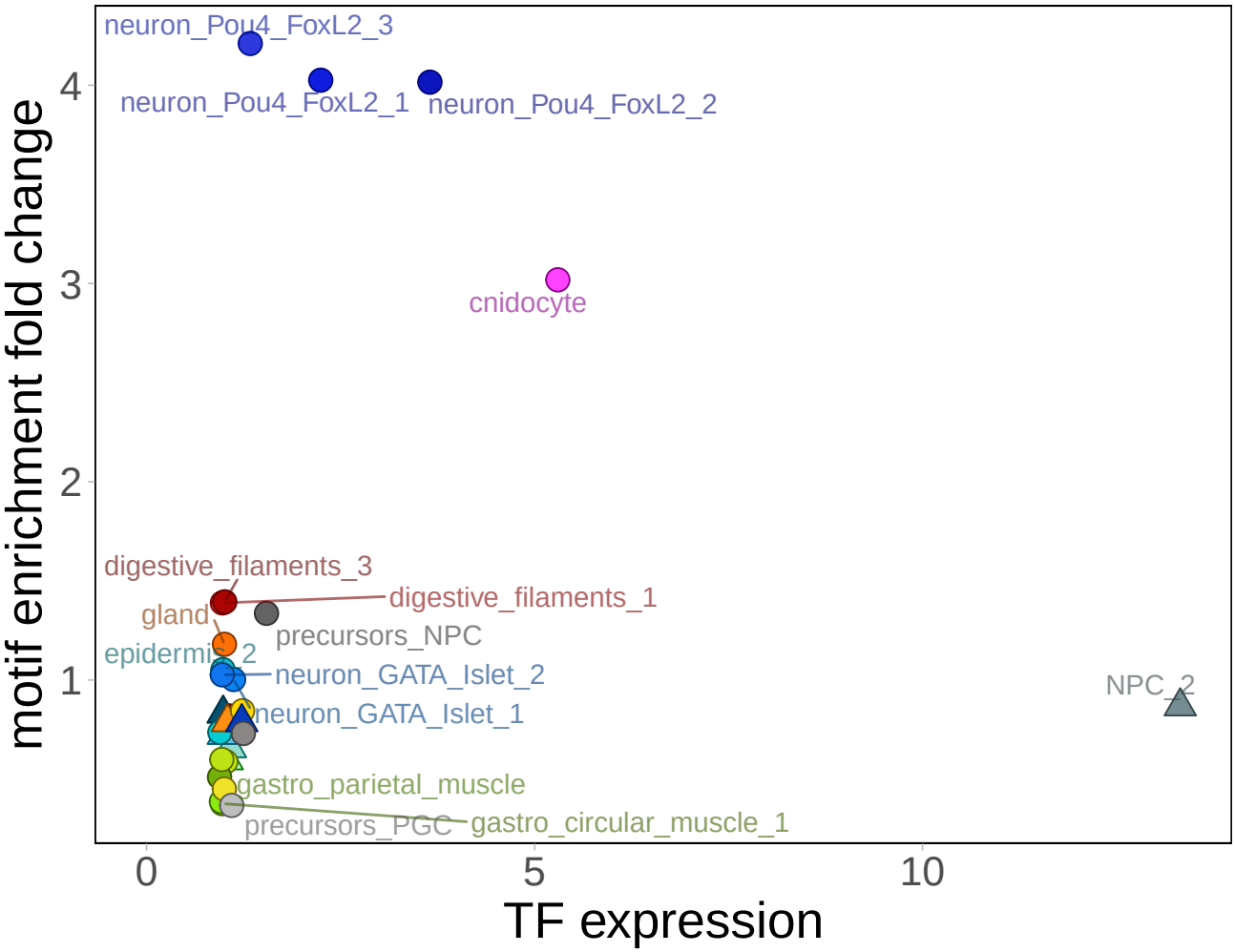
Nvec_vc1.1_XM_001647471.3 (OtxC)
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain
motif: ARCH1539_Nkx2−2/Nkx2−9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.0380
gene score correlation: 0.2282



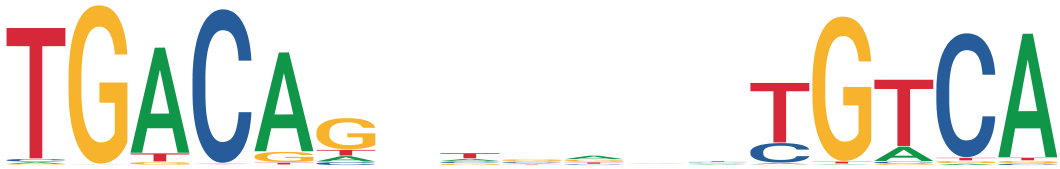
Nvec_vc1.1_XM_032362713.2 (Islet)
OG: Homeodomains.HG2.19:ISL1/ISL2
PFAM: LIM/LIM/Homeodomain
motif: ARCH335_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.0651
gene score correlation: 0.4010

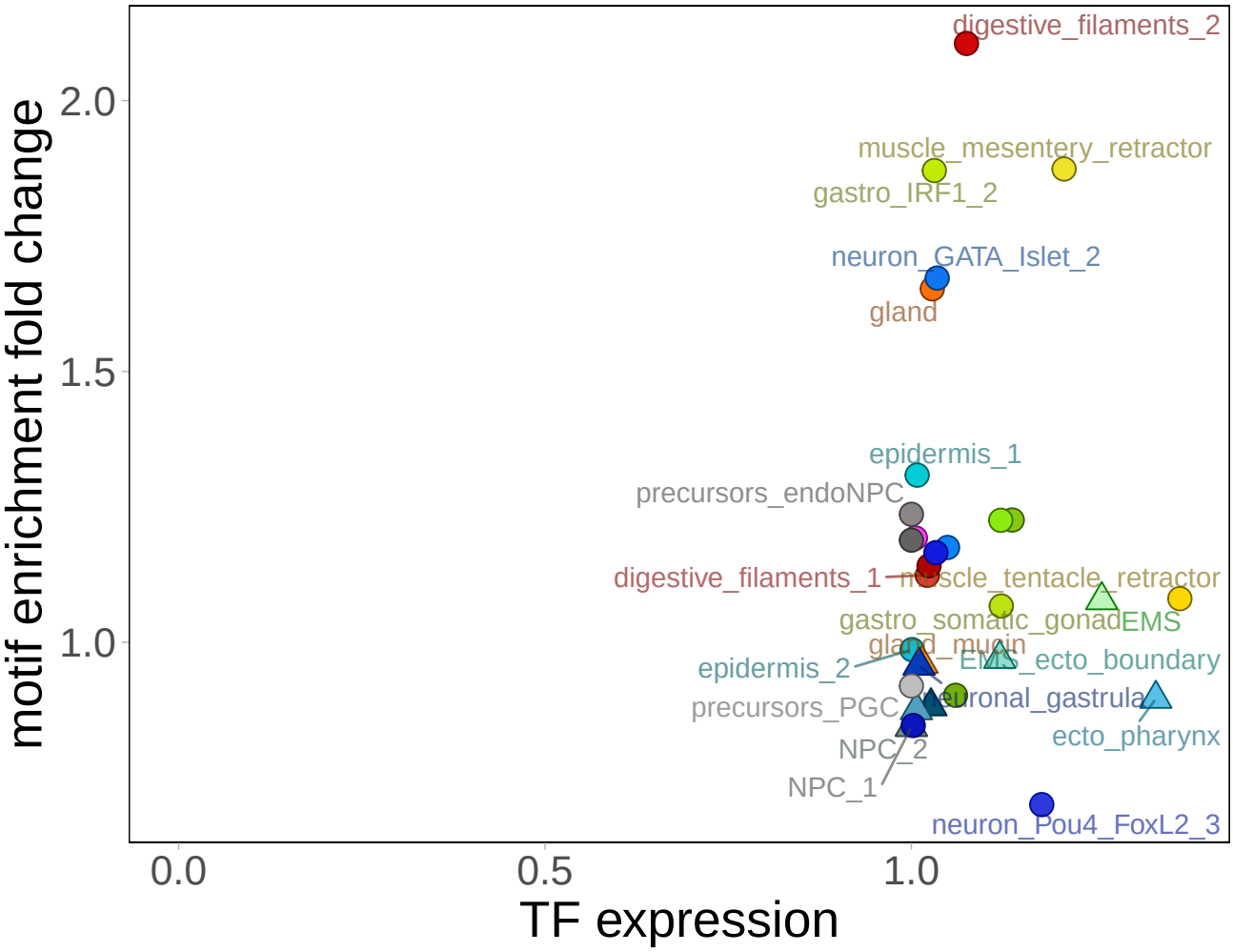


Nvec_vc1.1_XM_032363992.2 (Pou4)
OG: Homeodomains.HG4.6:POU4F1/POU4F2
PFAM: Pou/Homeodomain
motif: ARCH56_POU4F1
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2074
gene score correlation: 0.8470

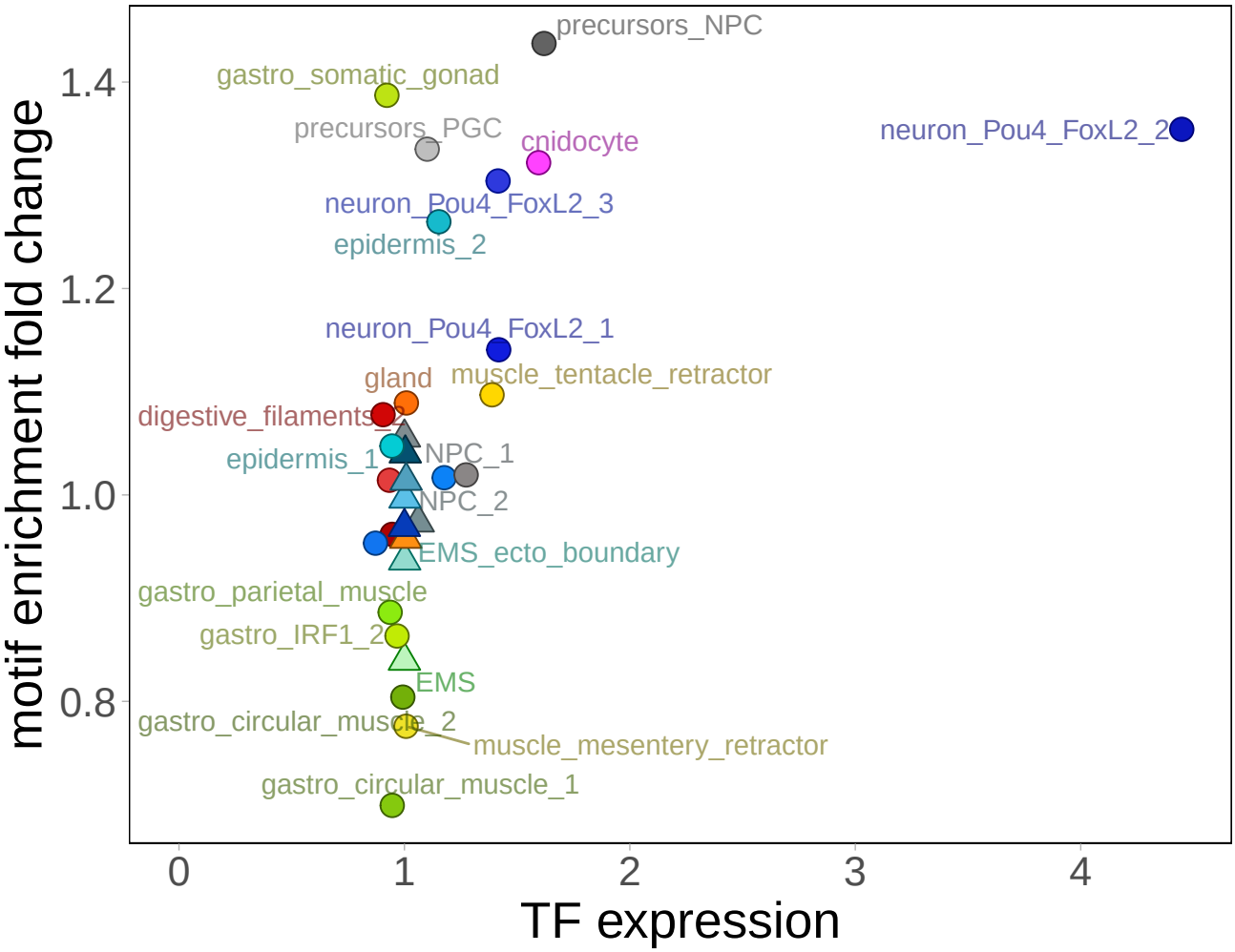


Nvec_vc1.1_XM_032364784.2 (Hhex)
OG: Homeodomains.HG1.28:HHEX
PFAM: Homeodomain
motif: ARCH768_Meis3/Meis2/Meis1_P...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 24
gene expression correlation: 0.0060
gene score correlation: 0.3522

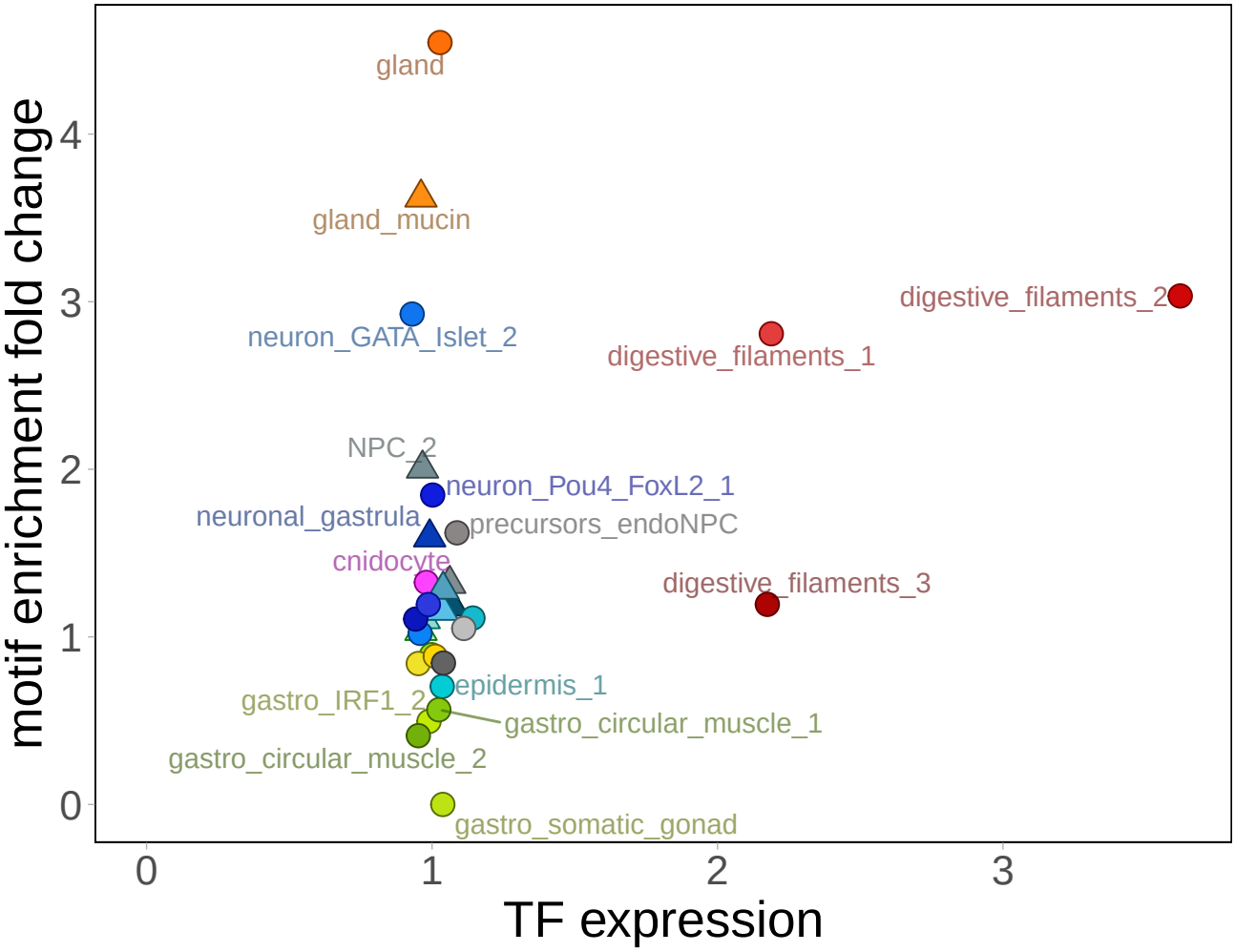




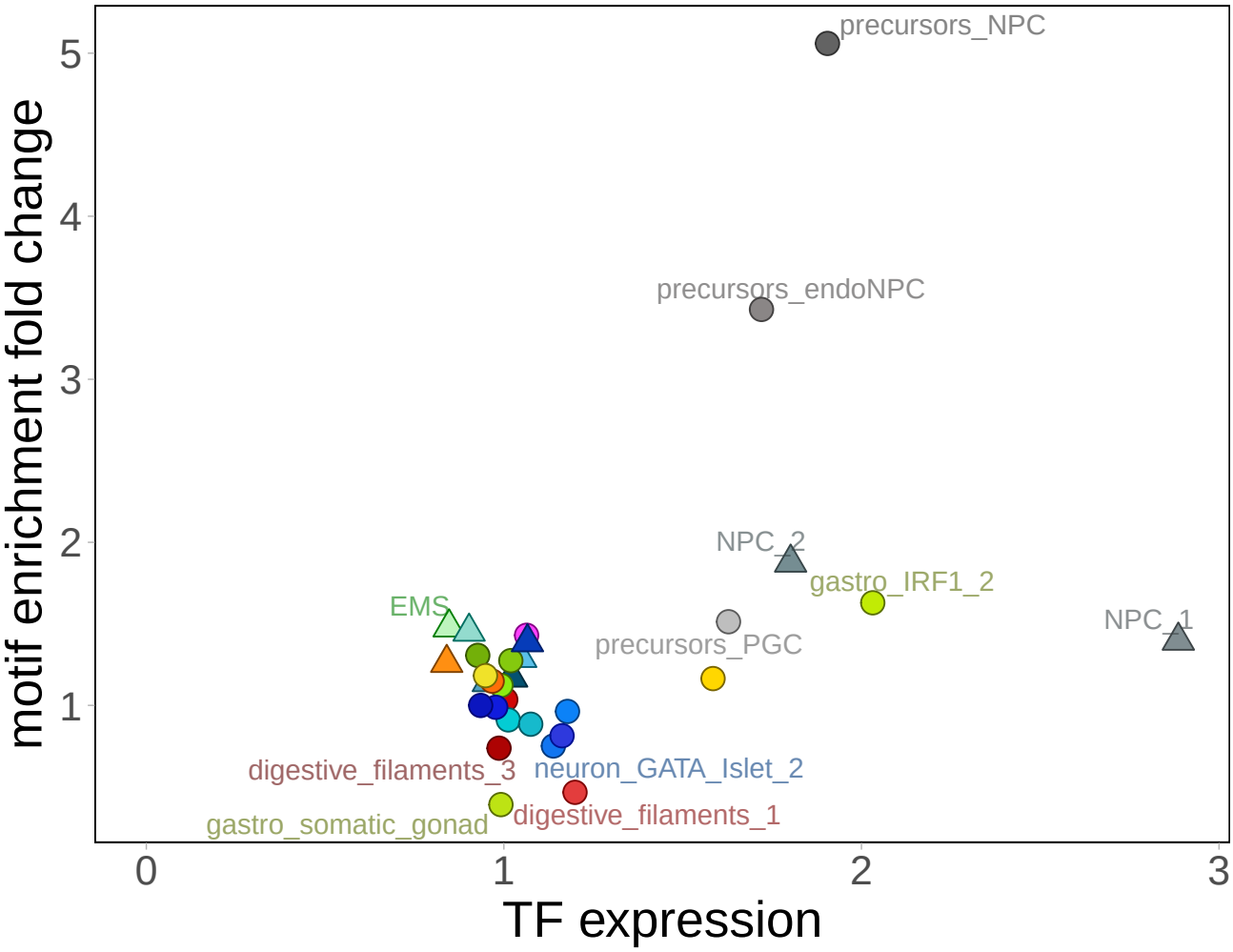
Nvec_vc1.1_XM_032364887.2 (FoxL2)
OG: Forkhead.HG1.20:FOXL2
PFAM: Forkhead
motif: ARCH1102_Foxa3/Foxa1/Foxa2_...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 9
gene expression correlation: 0.4645
gene score correlation: 0.5979



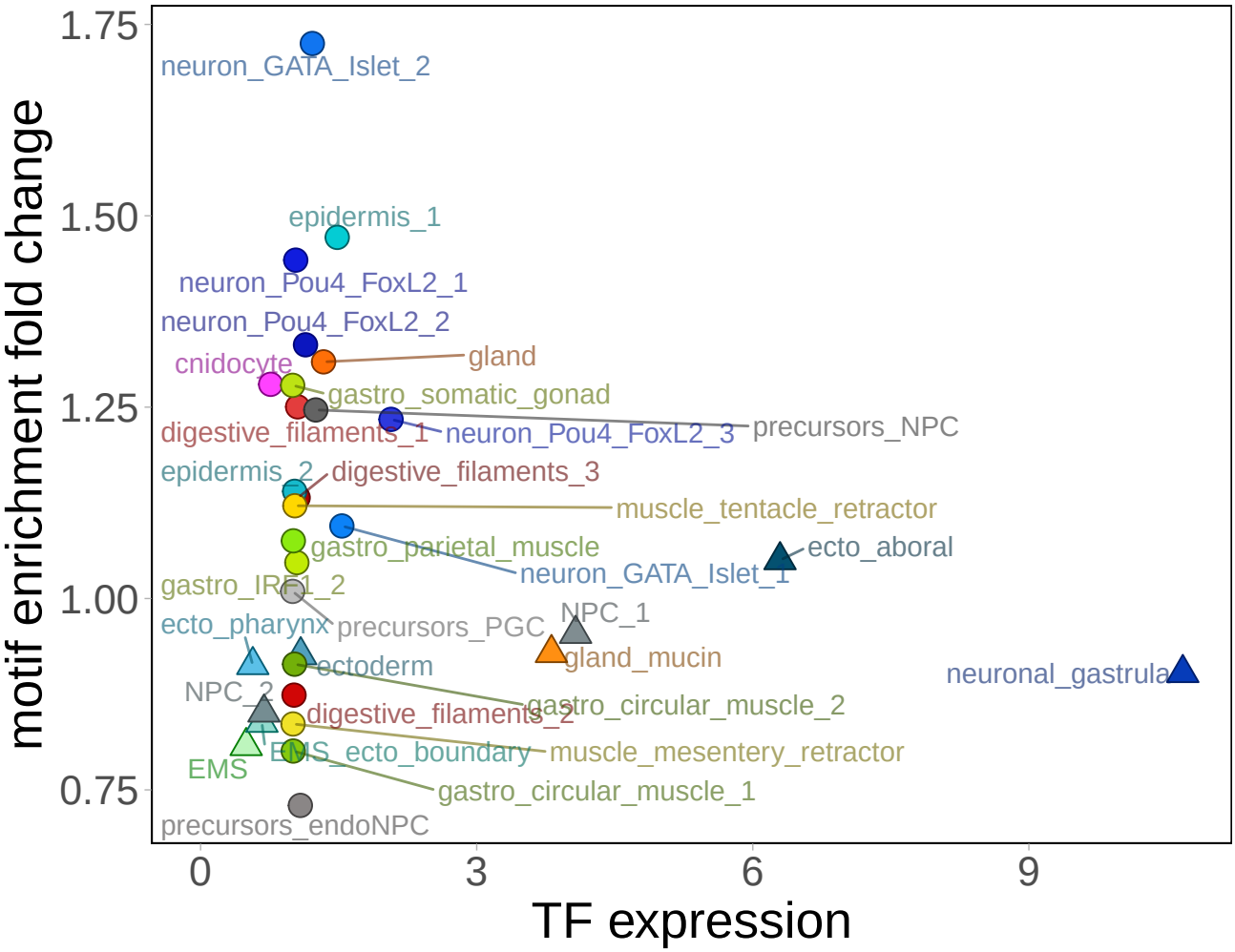
Nvec_vc1.1_XM_032365096.2 (Rfx4/6/8)
OG: RFX.HG1.7:RFX6
PFAM: RFX_DNA_binding
motif: ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 122
gene expression correlation: 0.3282
gene score correlation: 0.2189



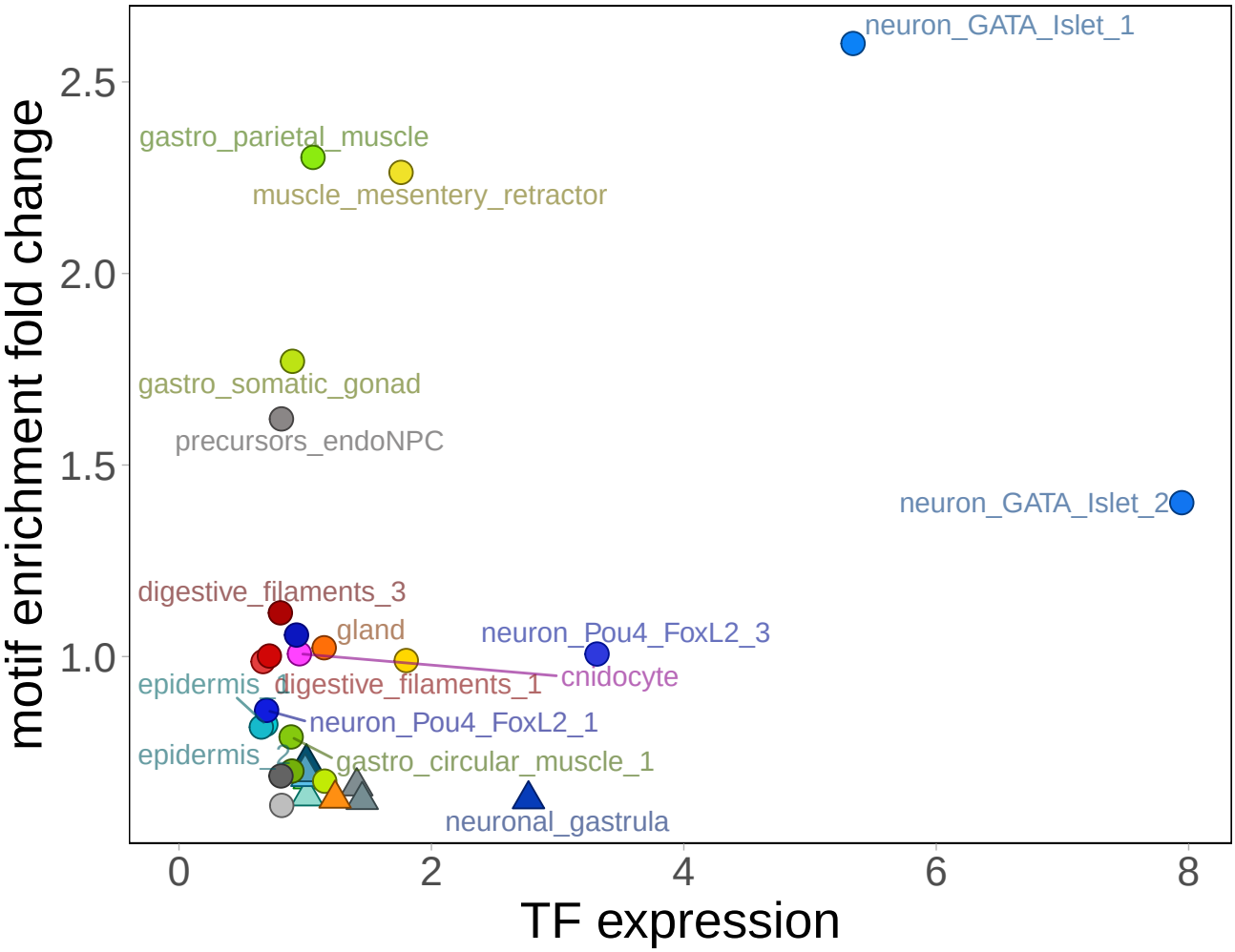
Nvec_vc1.1_XM_032366098.2 (Ptx1)
OG: HLH.HG1.29:MYC/MYCL/MYCN
PFAM: HLH
motif: ARCH787_BZR1
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4549
gene score correlation: 0.8900



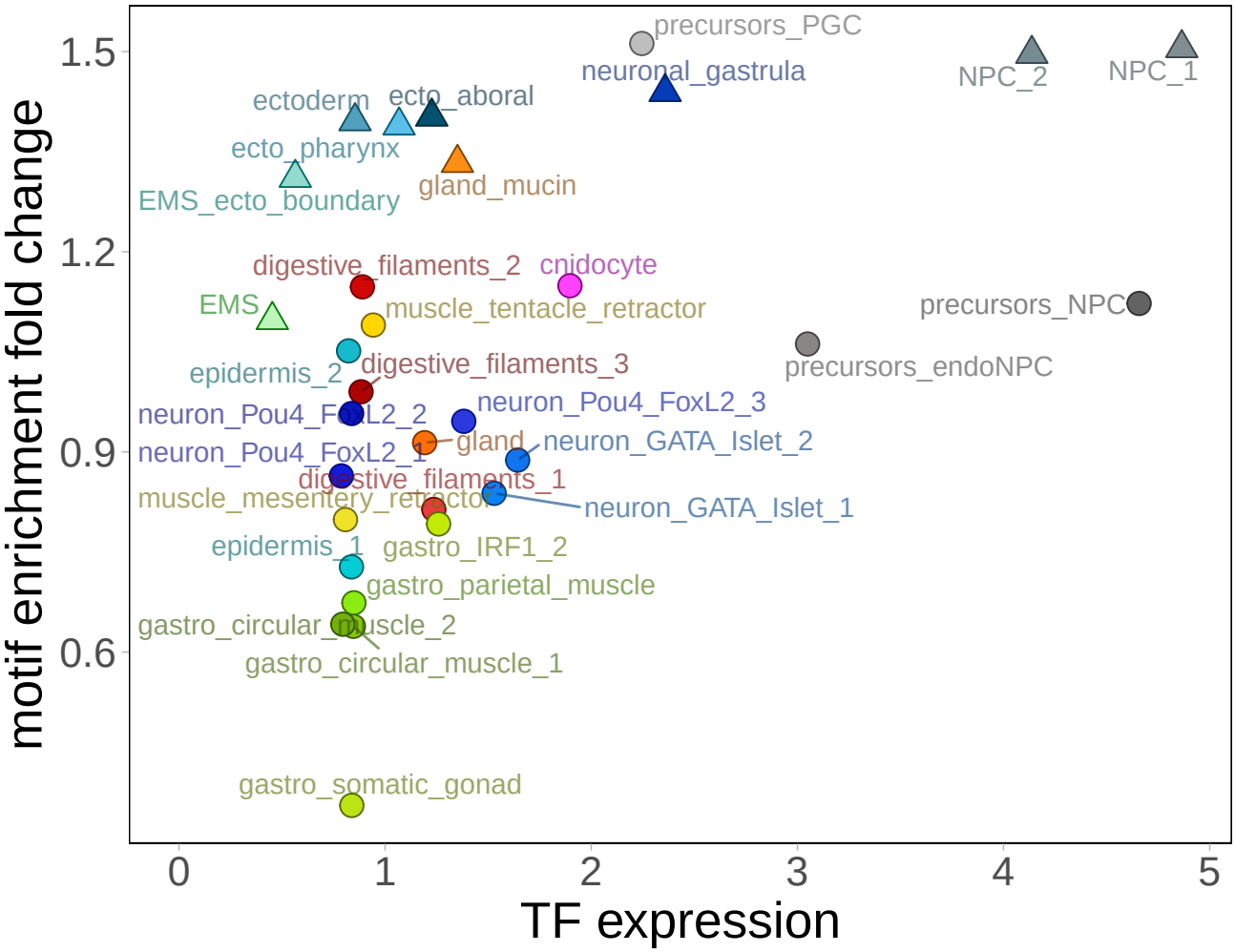
Nvec_vc1.1_XM_032366733.2 (Anthox1/Ax1)
OG: Homeodomains.HG1.68:AC004080.3/AC0
PFAM: Homeodomain
motif: ARCH1028_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: −0.1239
gene score correlation: 0.5256



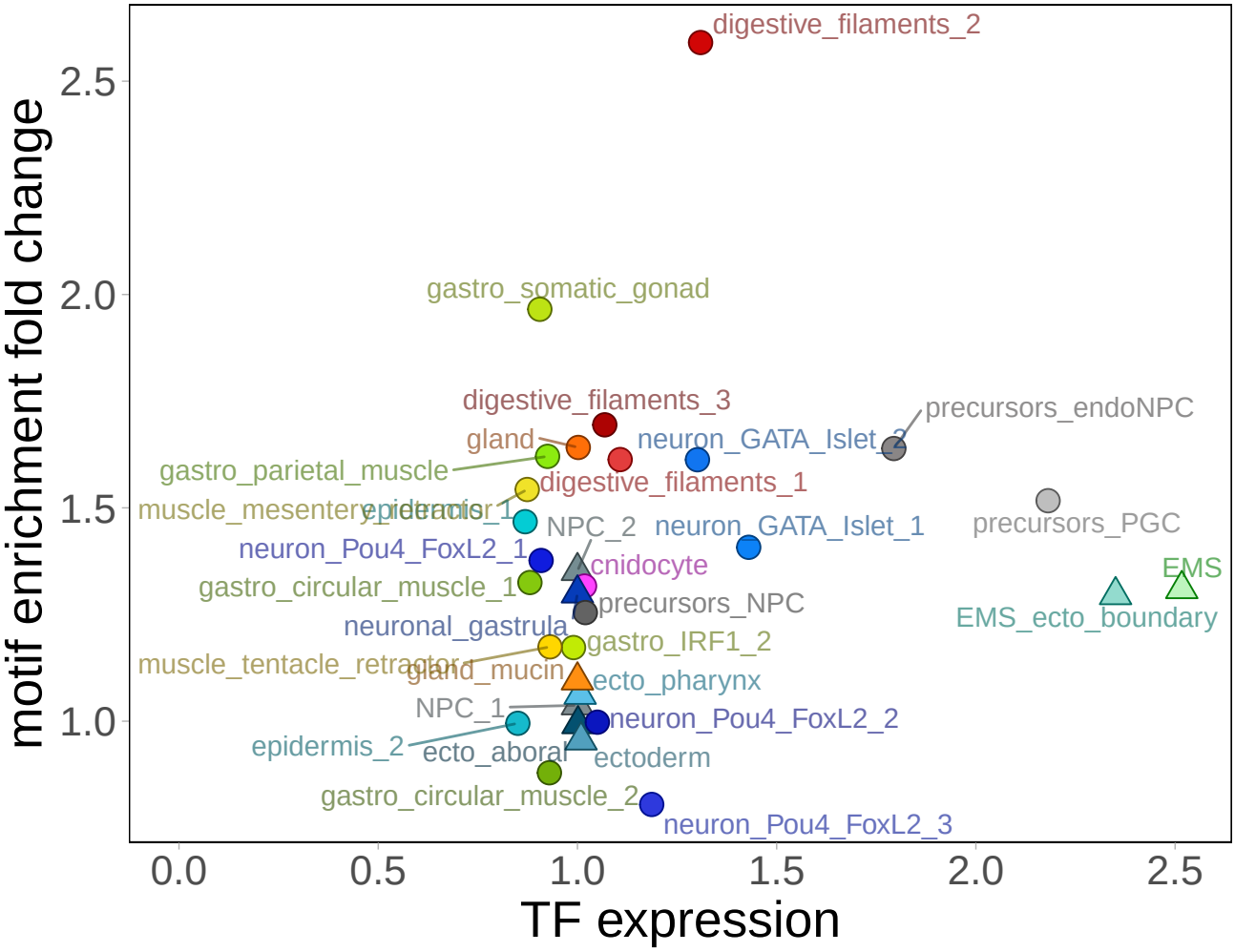
Nvec_vc1.1_XM_032367288.2 (GATA)
OG: GATA.HG1.5:GATA1/GATA2/GATA3/GATA-
PFAM: GATA/GATA
motif: ARCH1463_Gata3/Gata1/Gata2
TF family: GATA
archetype family: GATA
CisBP assigned: TRUE
rank: 24
gene expression correlation: 0.3773
gene score correlation: 0.7380



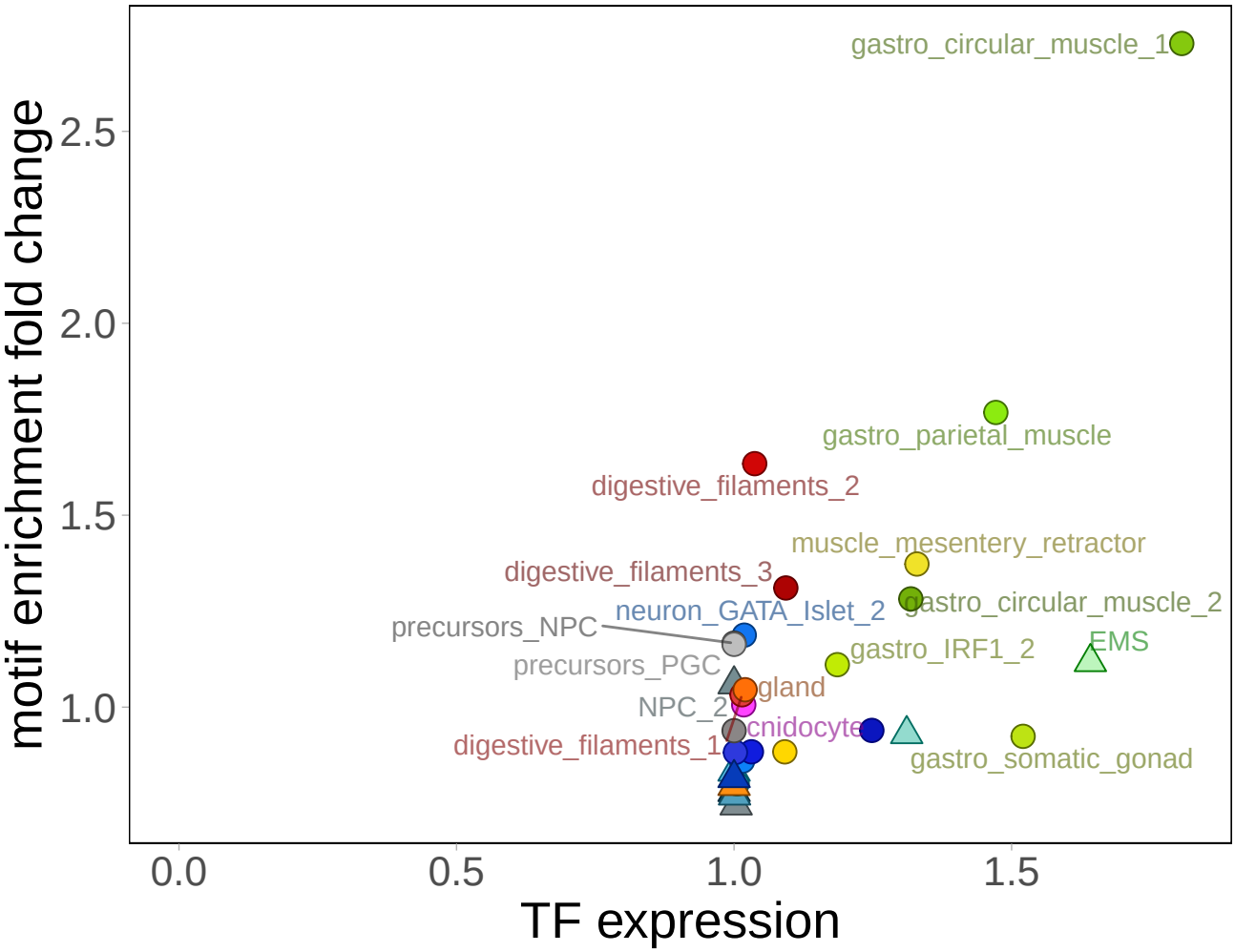
Nvec_vc1.1_XM_032372264.2 (NvSoxC)
OG: HMGbox_Sox.HG1.11:SOX4/SOX11/SOX
PFAM: HMG_box
motif: ARCH1170_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 37
gene expression correlation: 0.4635
gene score correlation: 0.0070



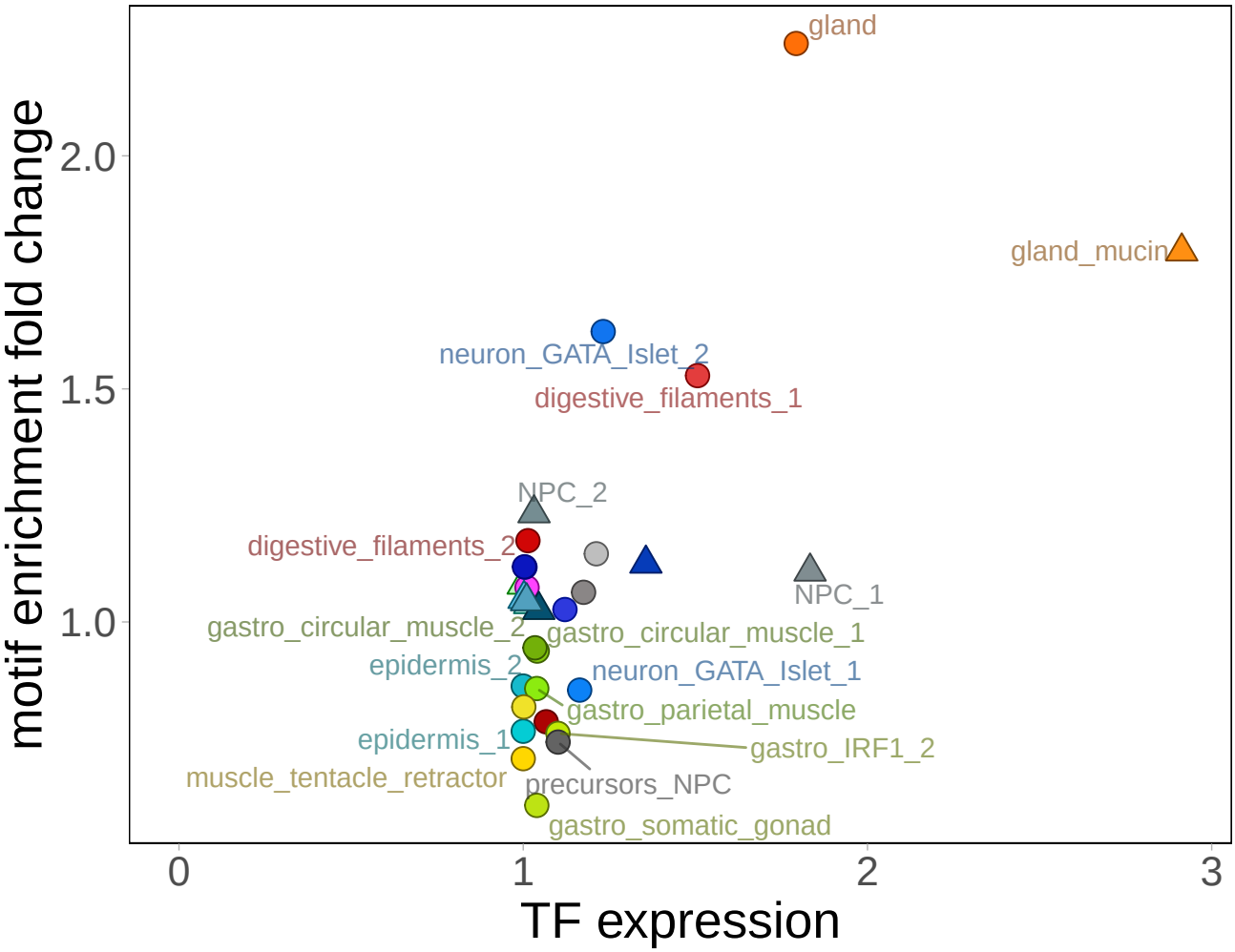
Nvec_vc1.1_XM_032373618.2 (Nkx−2.2a)
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH1502_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.1397
gene score correlation: 0.6582



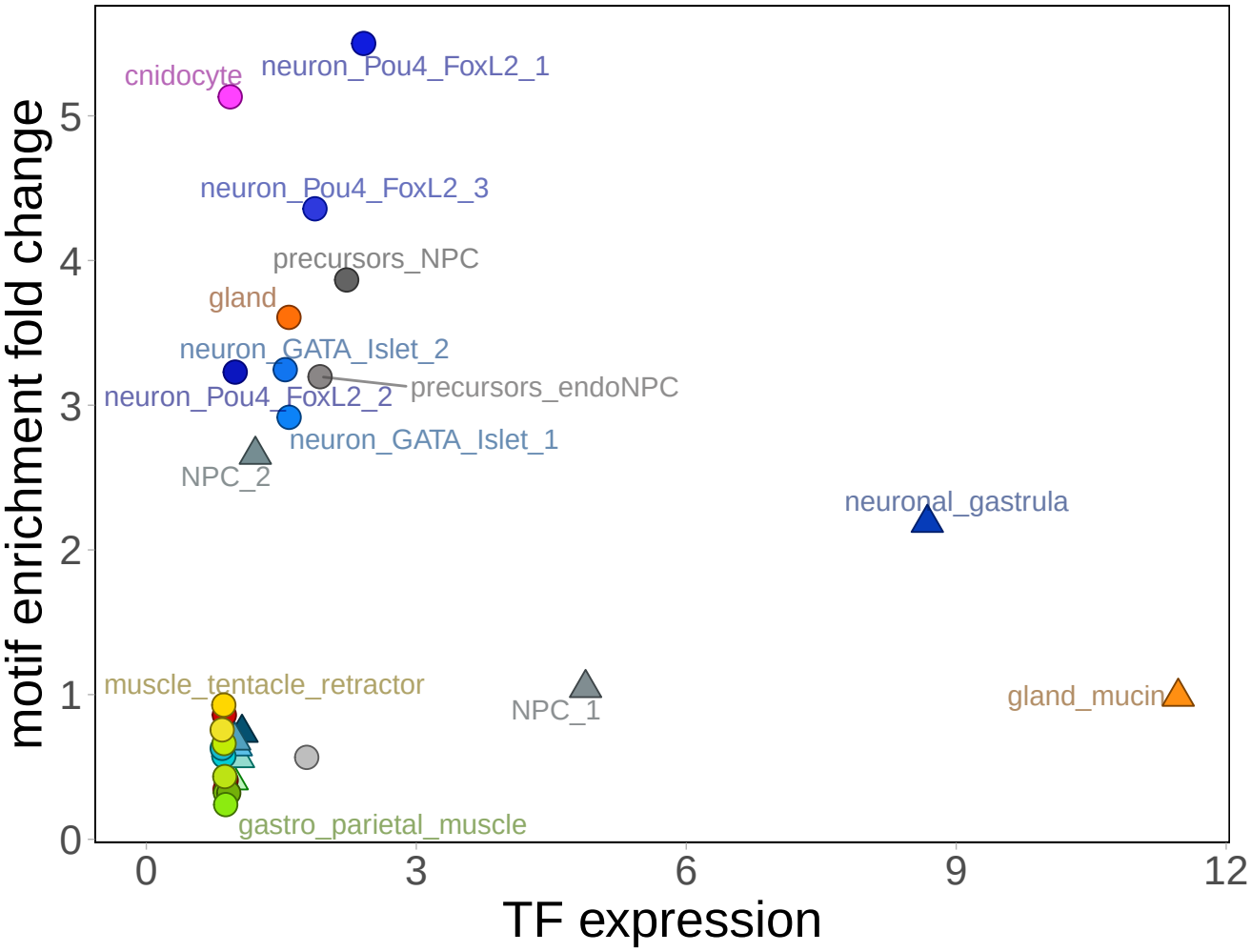
Nvec_vc1.1_XM_032374843.2 (Tbx1/10−1)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.6550
gene score correlation: 0.7212



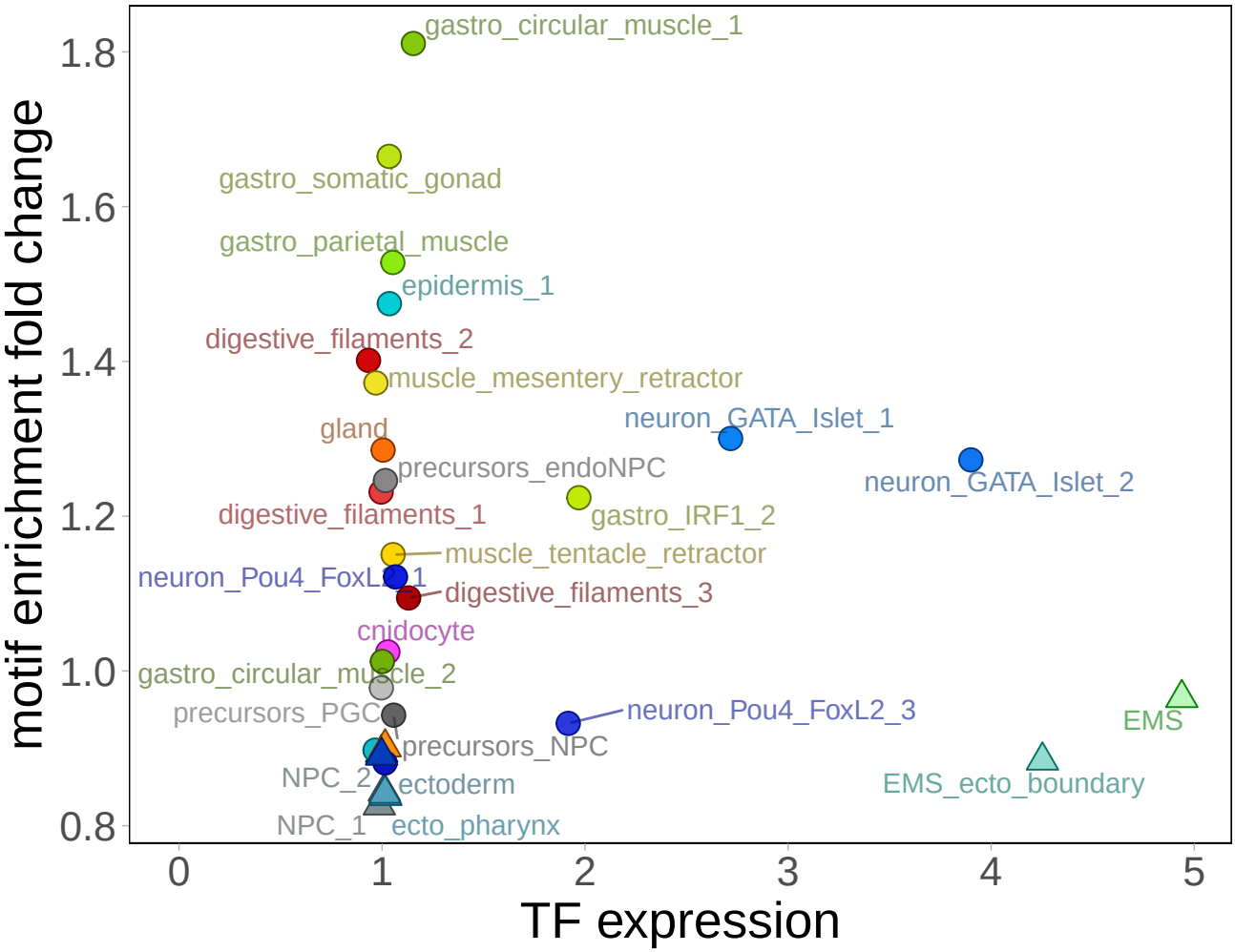
Nvec_vc1.1_XM_032375228.2 (Rfx4)
OG: RFX.HG1.3:like:RFX4/RFX6/RFX8
PFAM: RFX_DNA_binding
motif: ARCH1307_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 2
gene expression correlation: 0.6574
gene score correlation: 0.6415



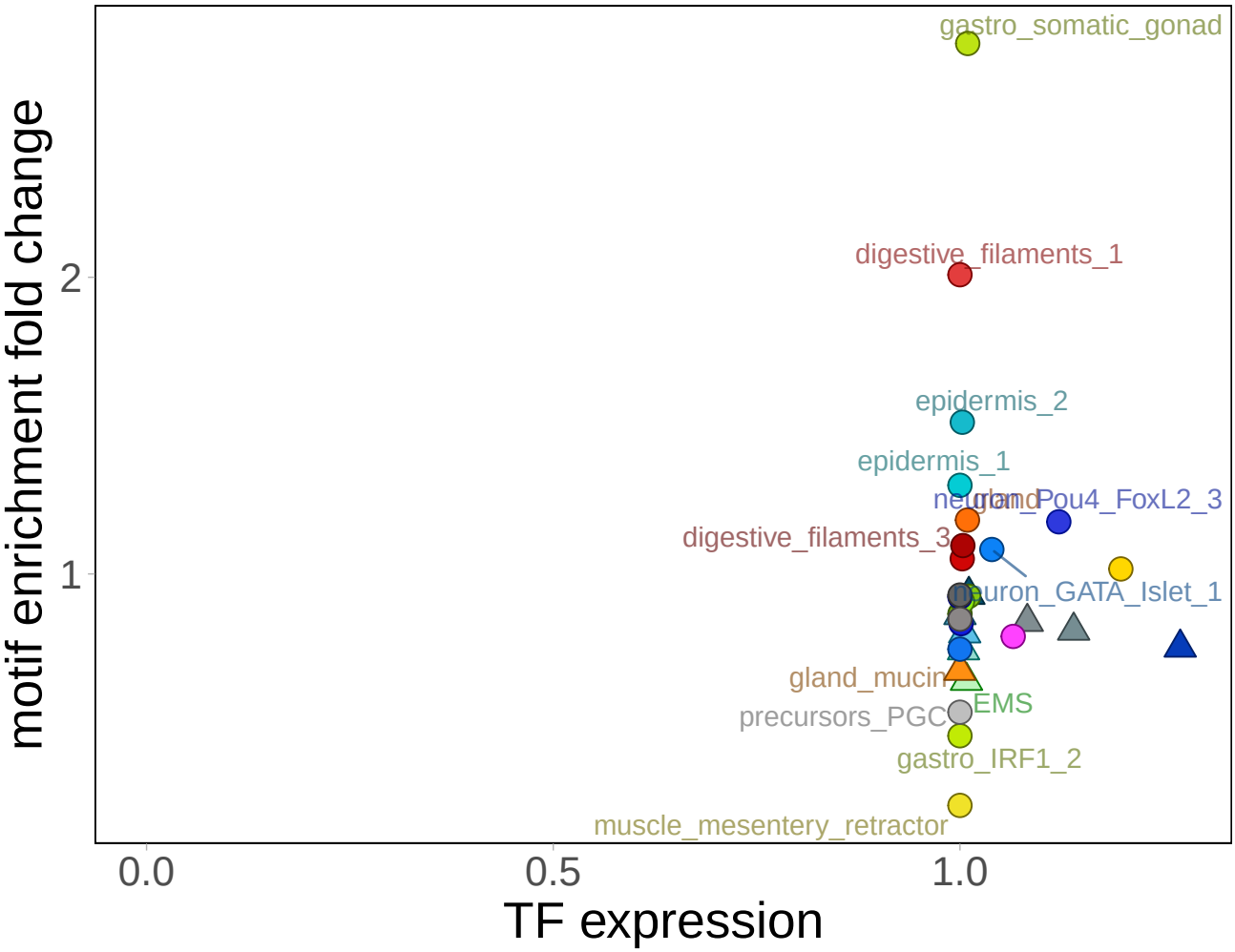
Nvec_vc1.1_XM_032375602.2 (Insm1)
OG: zf−C2H2.HG25.1:INSM1/INSM2
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 11
gene expression correlation: 0.0852
gene score correlation: 0.5969



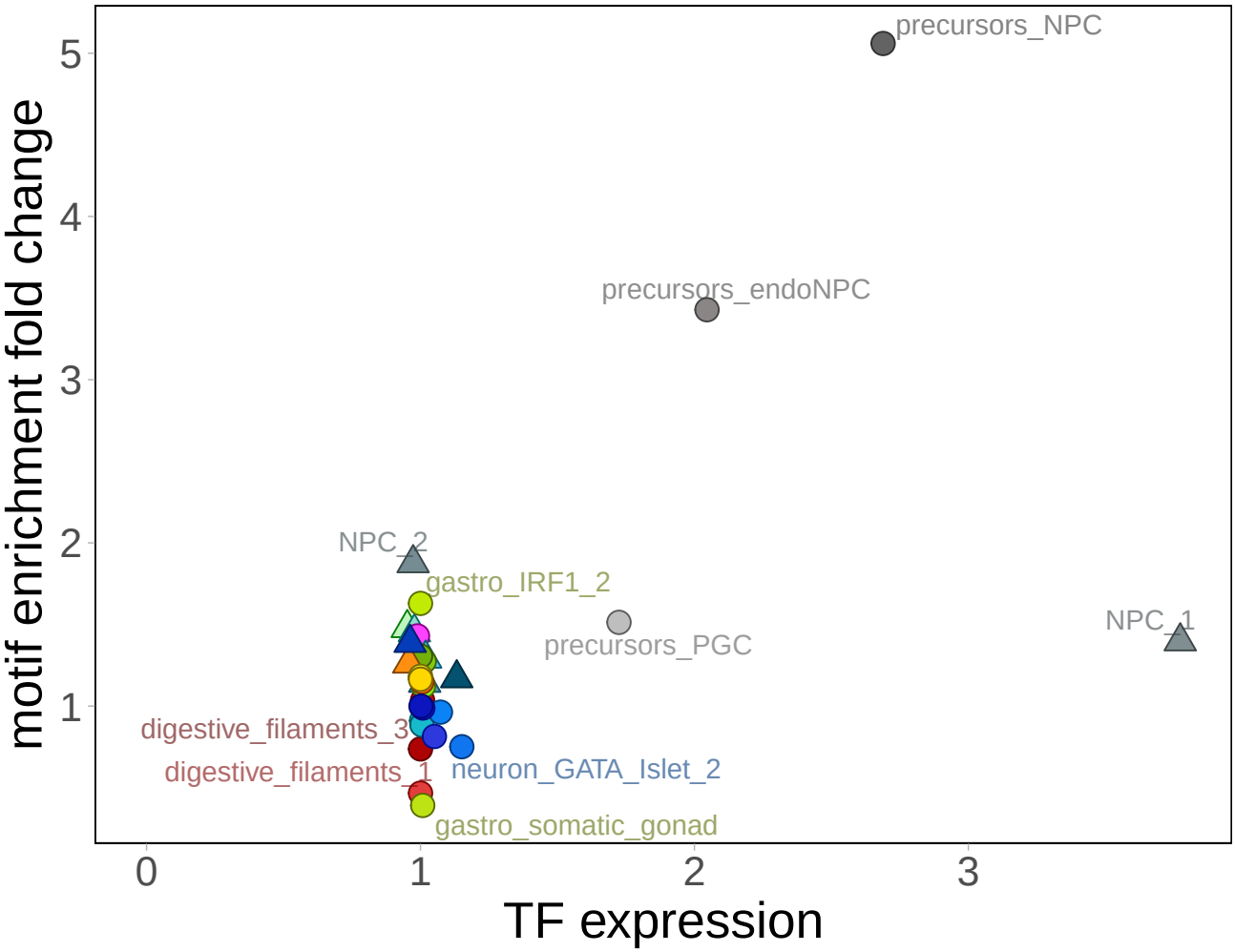
Nvec_vc1.1_XM_032375635.2 (OtxB)
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain
motif: ARCH1539_Nkx2−2/Nkx2−9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: −0.0708
gene score correlation: 0.1877



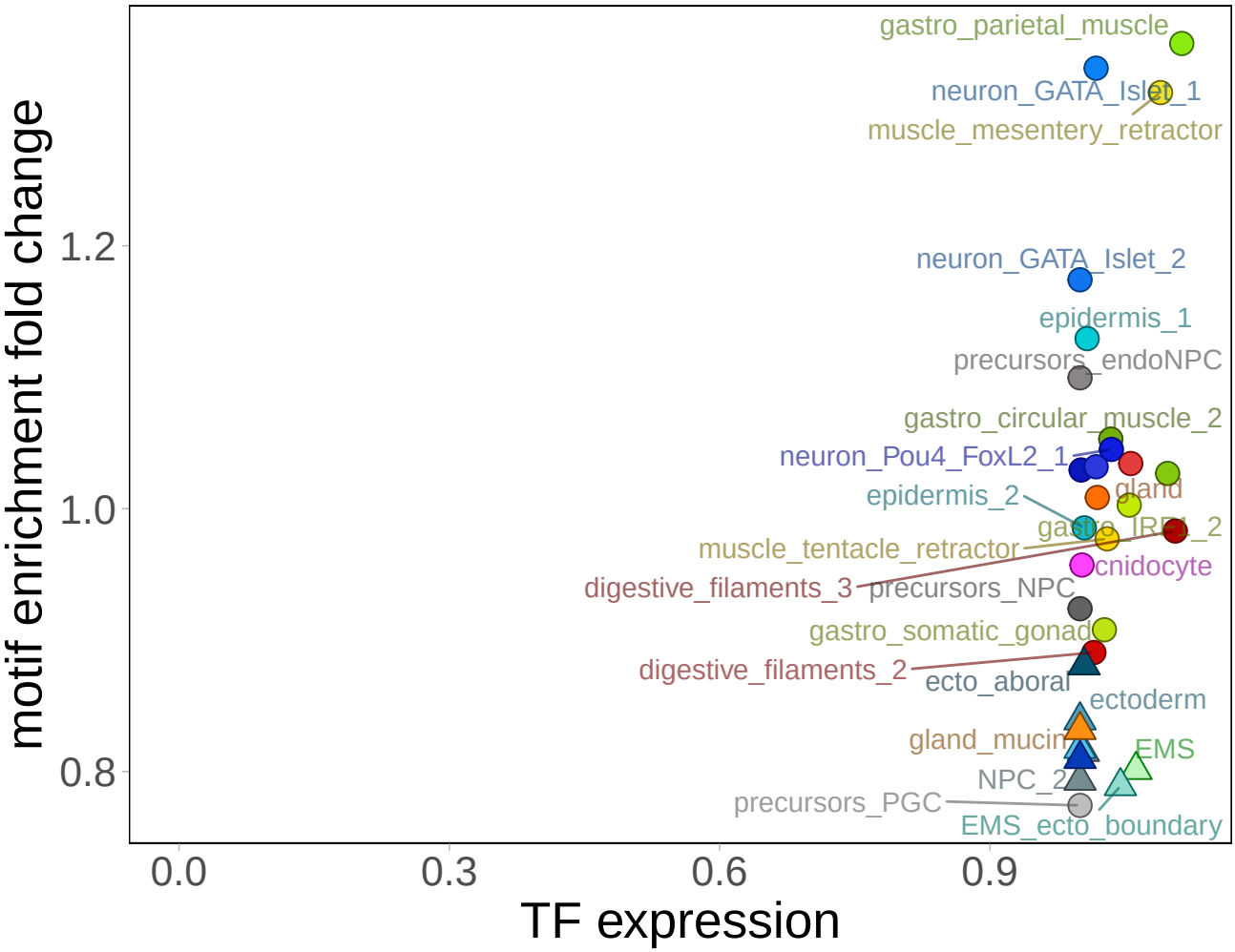
Nvec_vc1.1_XM_032376206.2 (SoxB2)
OG: HMGbox_Sox.HG1.13:like:SOX1/SOX2/S
PFAM: HMG_box
motif: ARCH137_/Sox4/Sox11_Sox13/S...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 86
gene expression correlation: −0.0606
gene score correlation: −0.0066



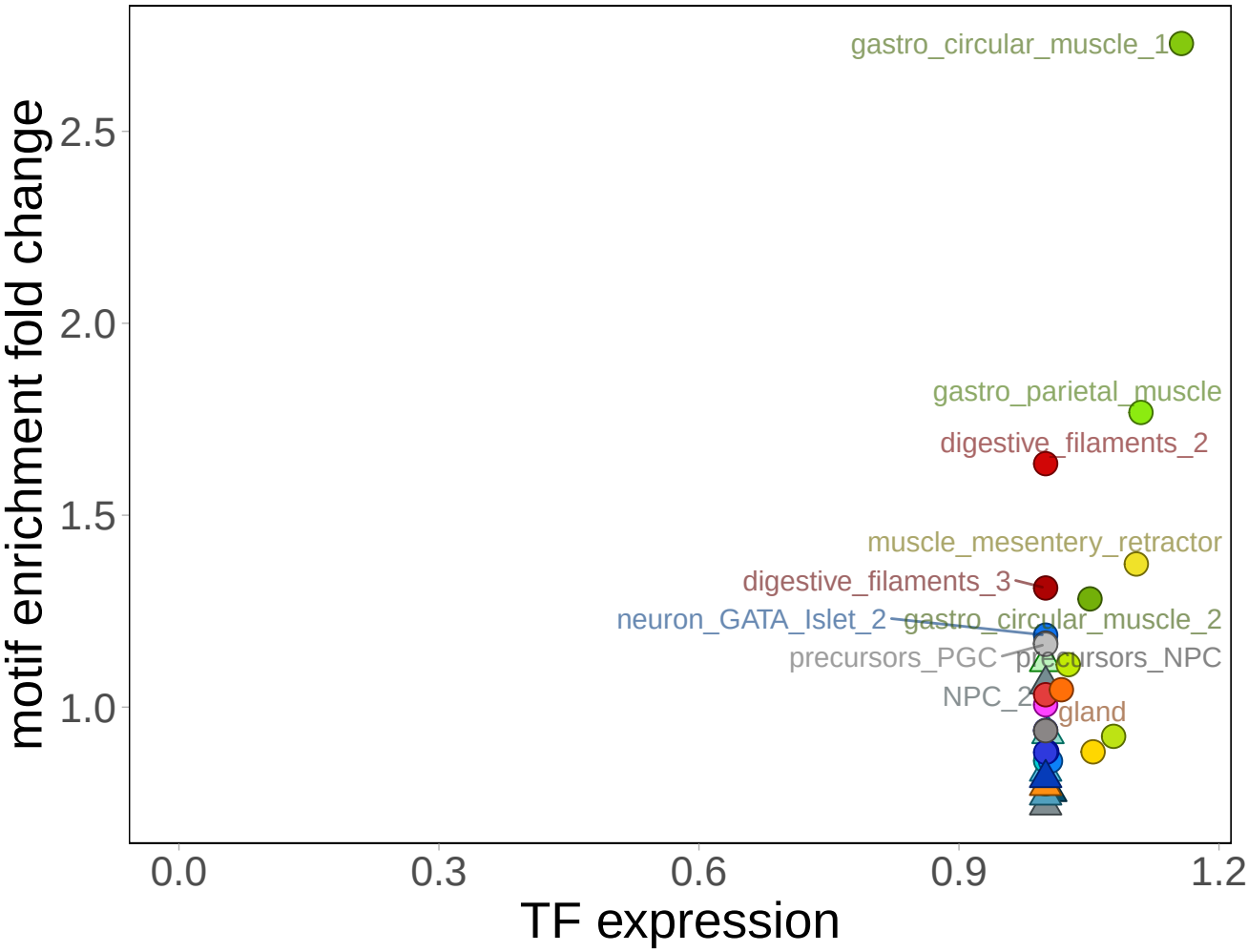
Nvec_vc1.1_XM_032376421.2 (Ath−like)
OG: HLH.HG1.80:like:NEUROD1/NEUROD2/N
PFAM: HLH
motif: ARCH787_BZR1
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5465
gene score correlation: 0.8720



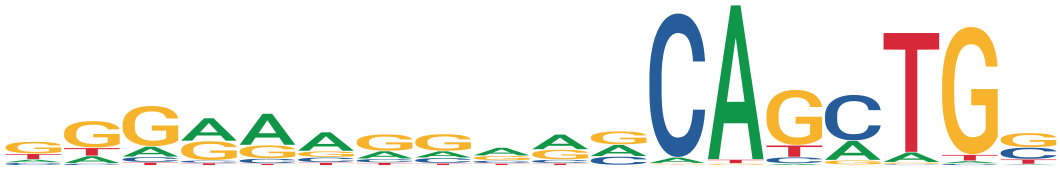
Nvec_vc1.1_XM_032377358.2 (VAx−EMX−Lik
OG: Homeodomains.HG1.42:VAX1/VAX2
PFAM: Homeodomain
motif: ARCH1552_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 33
gene expression correlation: 0.4217
gene score correlation: 0.4859

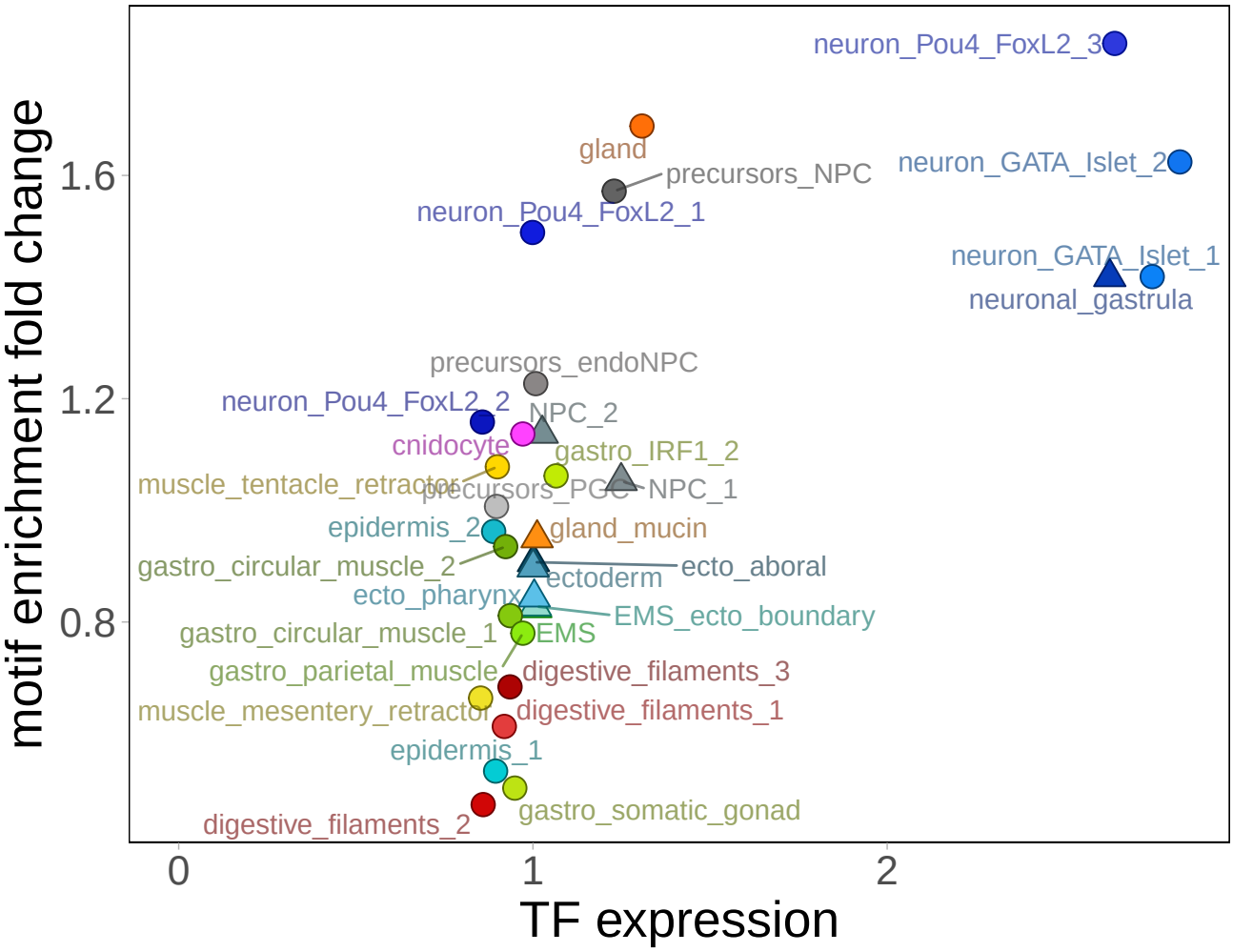


Nvec_vc1.1_XM_032377450.2 (Tbx20−1)
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.7334
gene score correlation: 0.8230

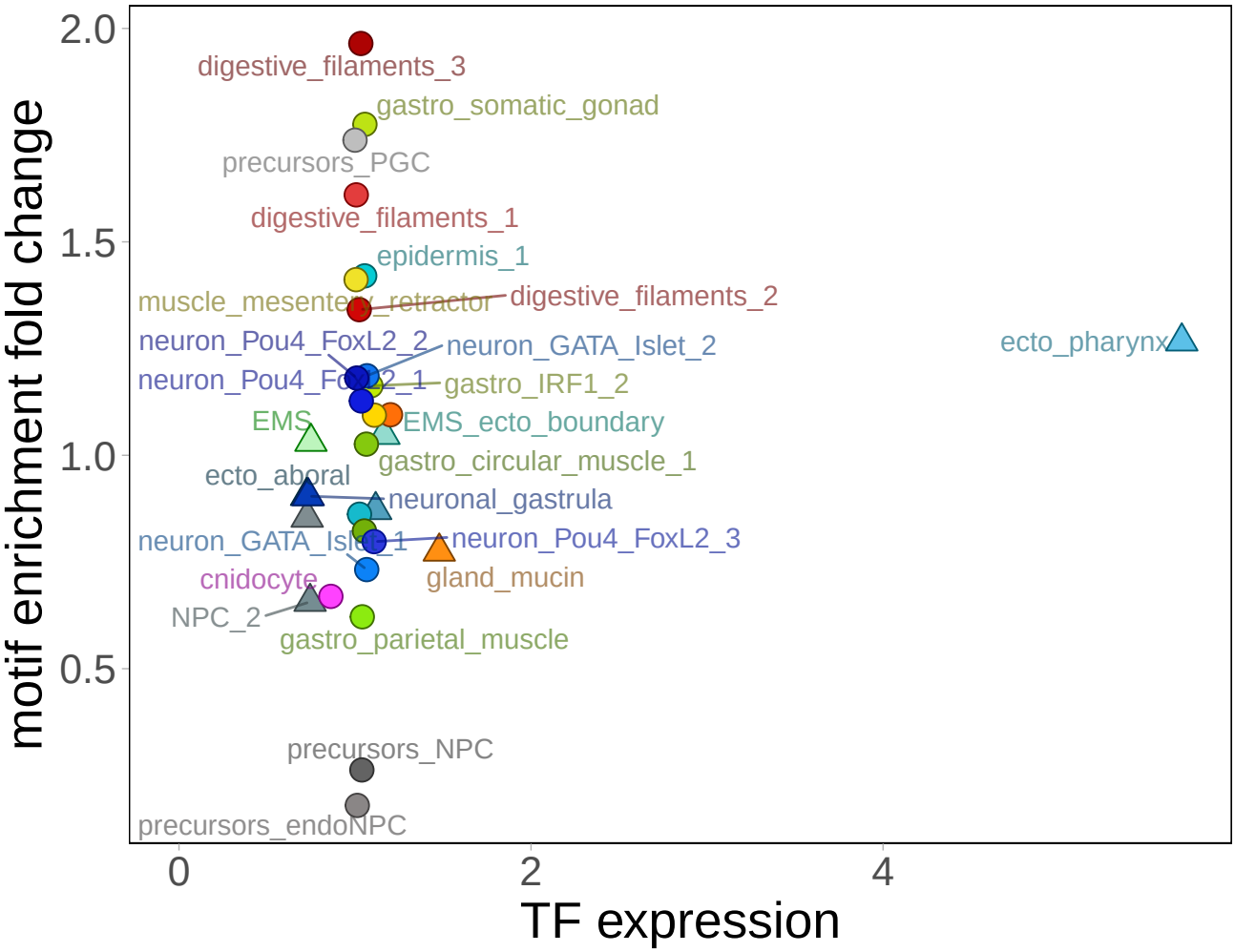


Nvec_vc1.1_XM_032377897.2 (Pea3/Ets)
OG: Ets.HG1.3:ETV1/ETV4/ETV5
PFAM: ETS_PEA3_N/Ets
motif: ARCH468_Ptf1a
TF family: Ets
archetype family: Ets
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.6662
gene score correlation: 0.5733

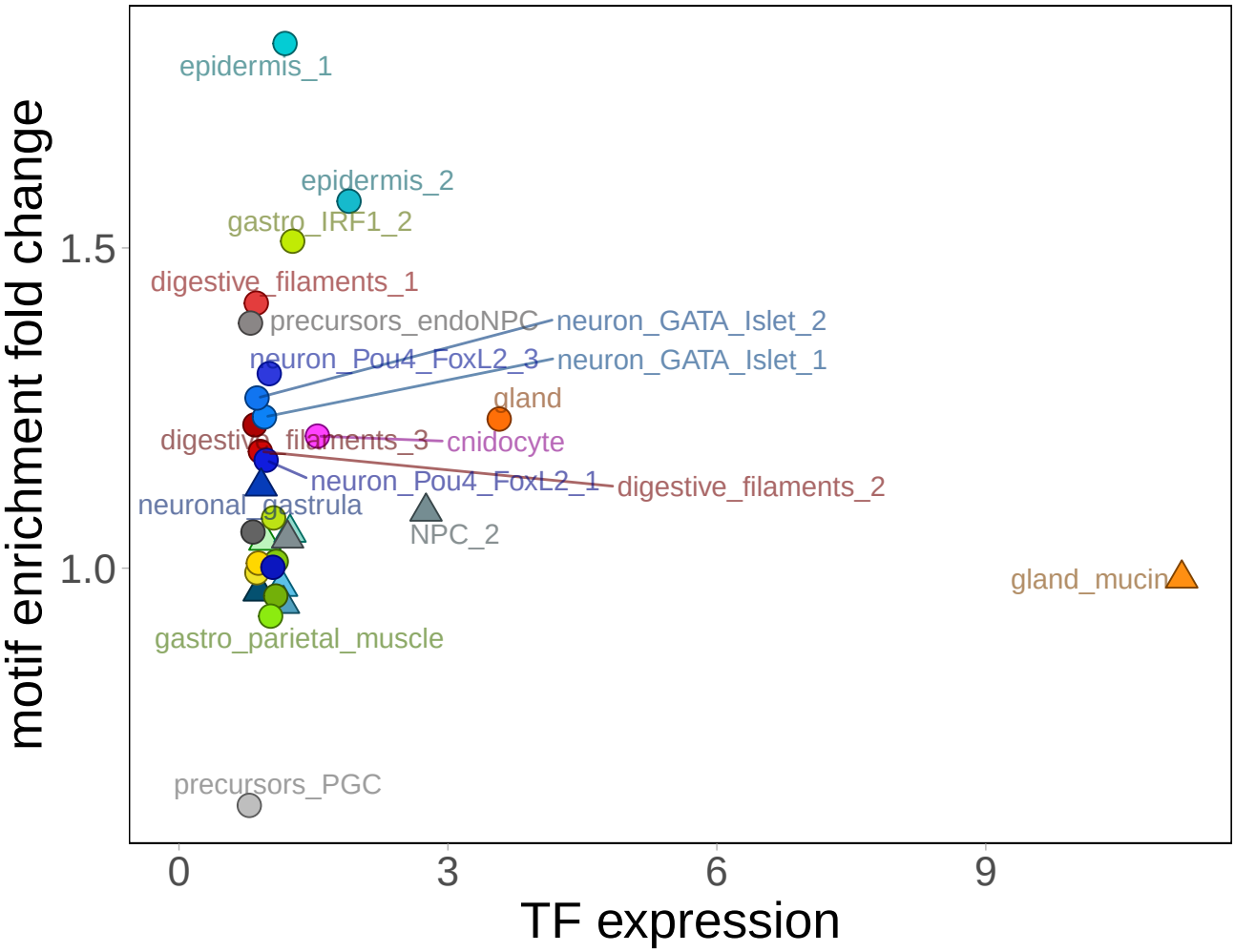




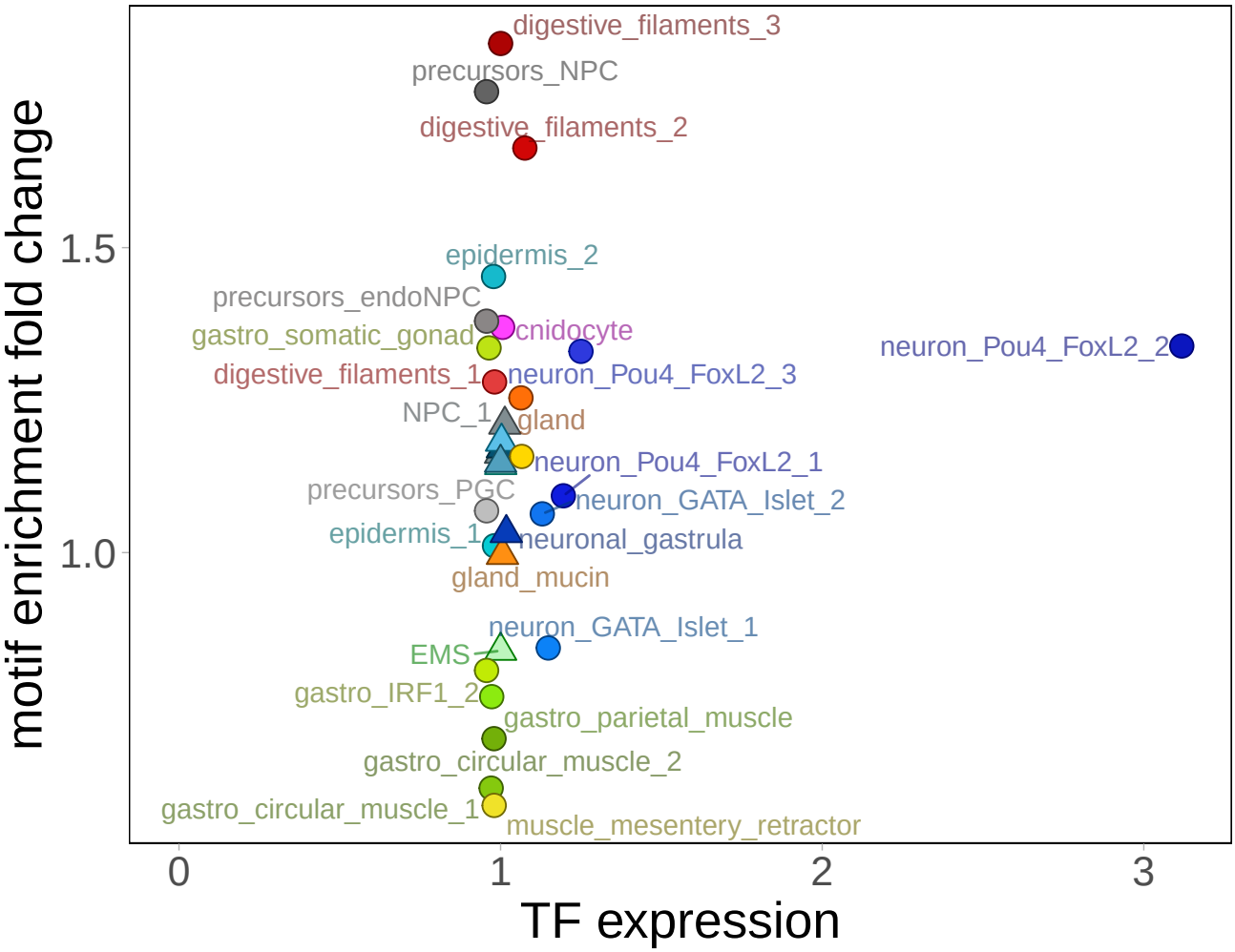
Nvec_vc1.1_XM_032378021.2 (Brachyury)
OG: T−box.HG1.5:TBX19/TBXT
PFAM: T−box
motif: ARCH833_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 247
gene expression correlation: 0.1151
gene score correlation: 0.1055



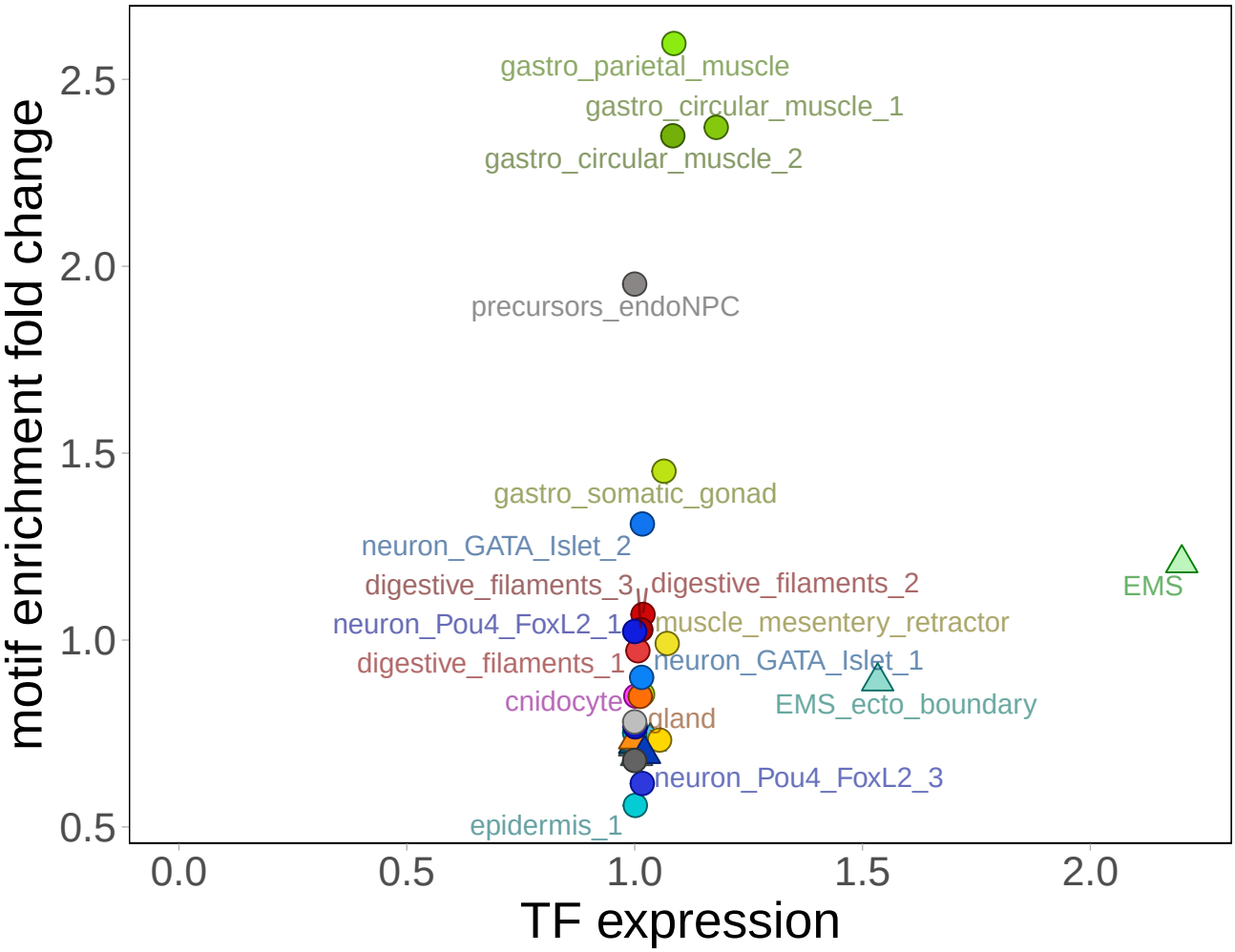
Nvec_vc1.1_XM_032378881.2 (CREB3)
OG: bZIP.HG1.15:CREB3/CREB3L1/CREB3L2
PFAM: bZIP_1
motif: ARCH1485_Atf3/Jdp2_Fos/Fosb...
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 14
gene expression correlation: −0.0697
gene score correlation: 0.3116



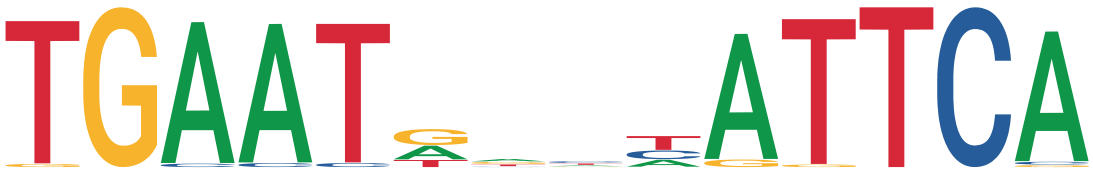
Nvec_vc1.1_XM_032379465.2 (SoxB2/Sox3)
OG: HMGbox_Sox.HG1.19:like:SOX1/SOX2/S
PFAM: HMG_box
motif: ARCH1177_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 141
gene expression correlation: 0.1271
gene score correlation: 0.2764

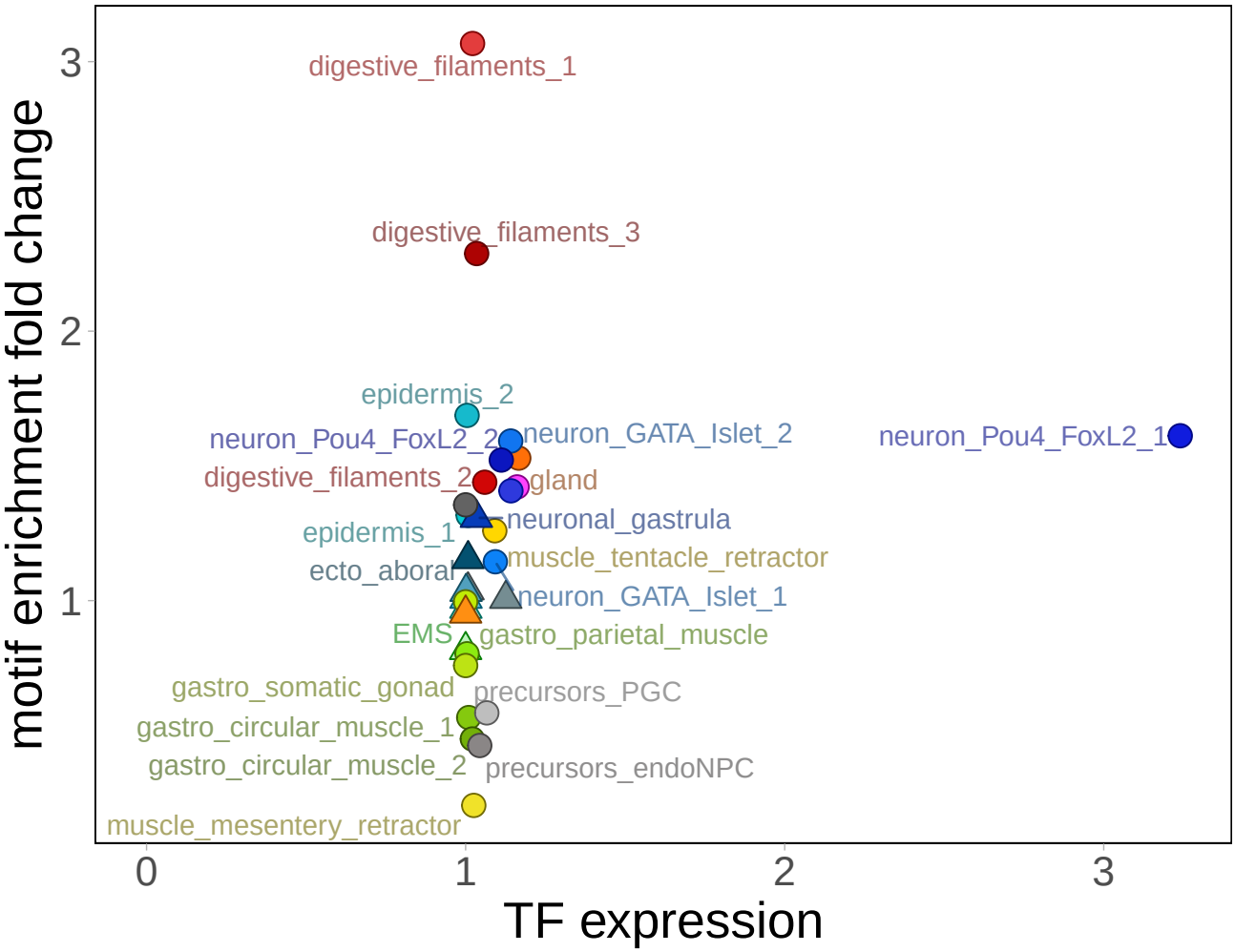


Nvec_vc1.1_XM_032379688.2 (NVHD033−AN
OG: Homeodomains.HG1.39:BARHL1/BARHL
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.1464
gene score correlation: 0.6469

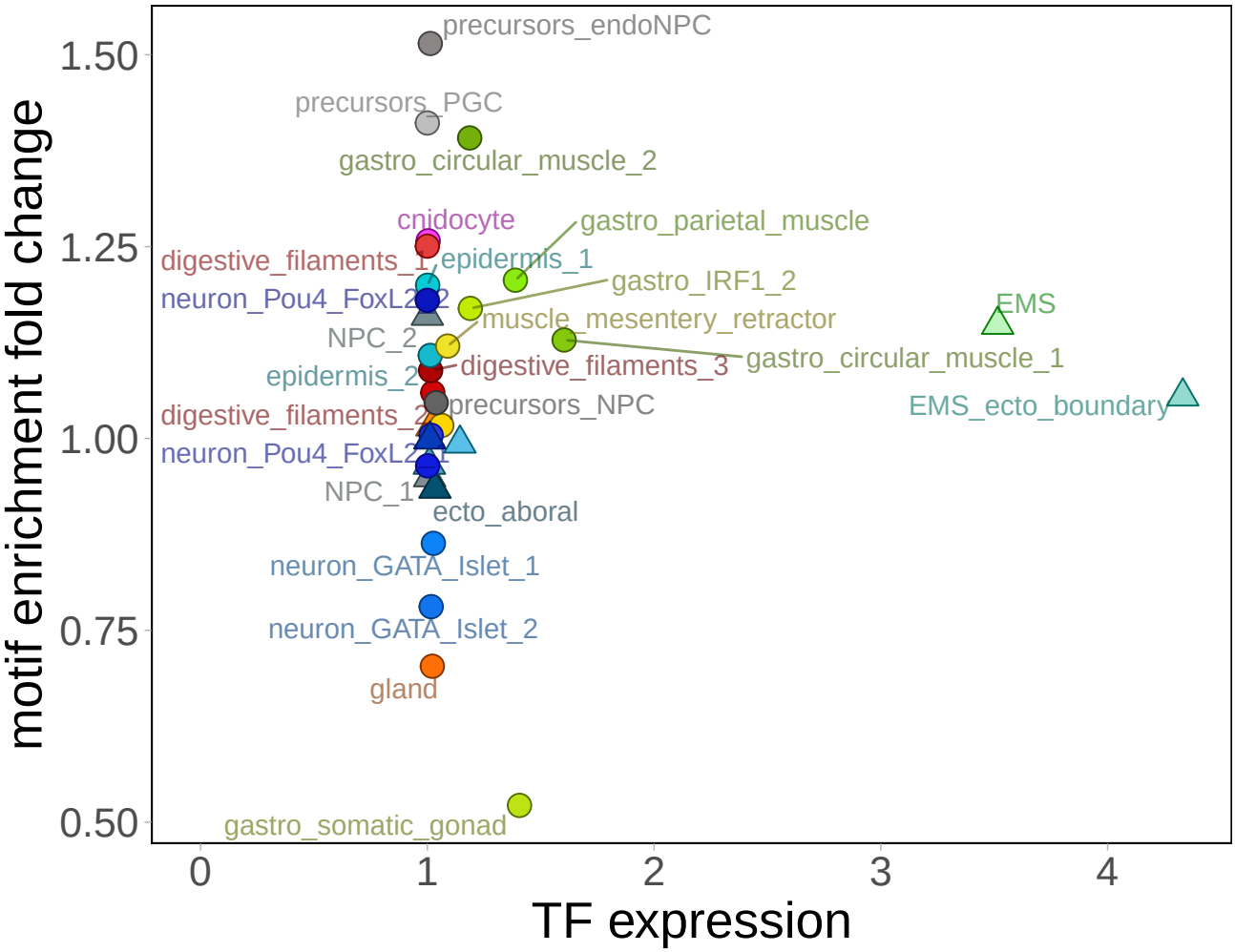


Nvec_vc1.1_XM_032380374.2 (NvSoxA)
OG: HMGbox_Sox.HG1.34:SRY
PFAM: HMG_box
motif: ARCH131_/Sox4/Sox11_Sox13/S...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 294
gene expression correlation: 0.1711
gene score correlation: 0.1681

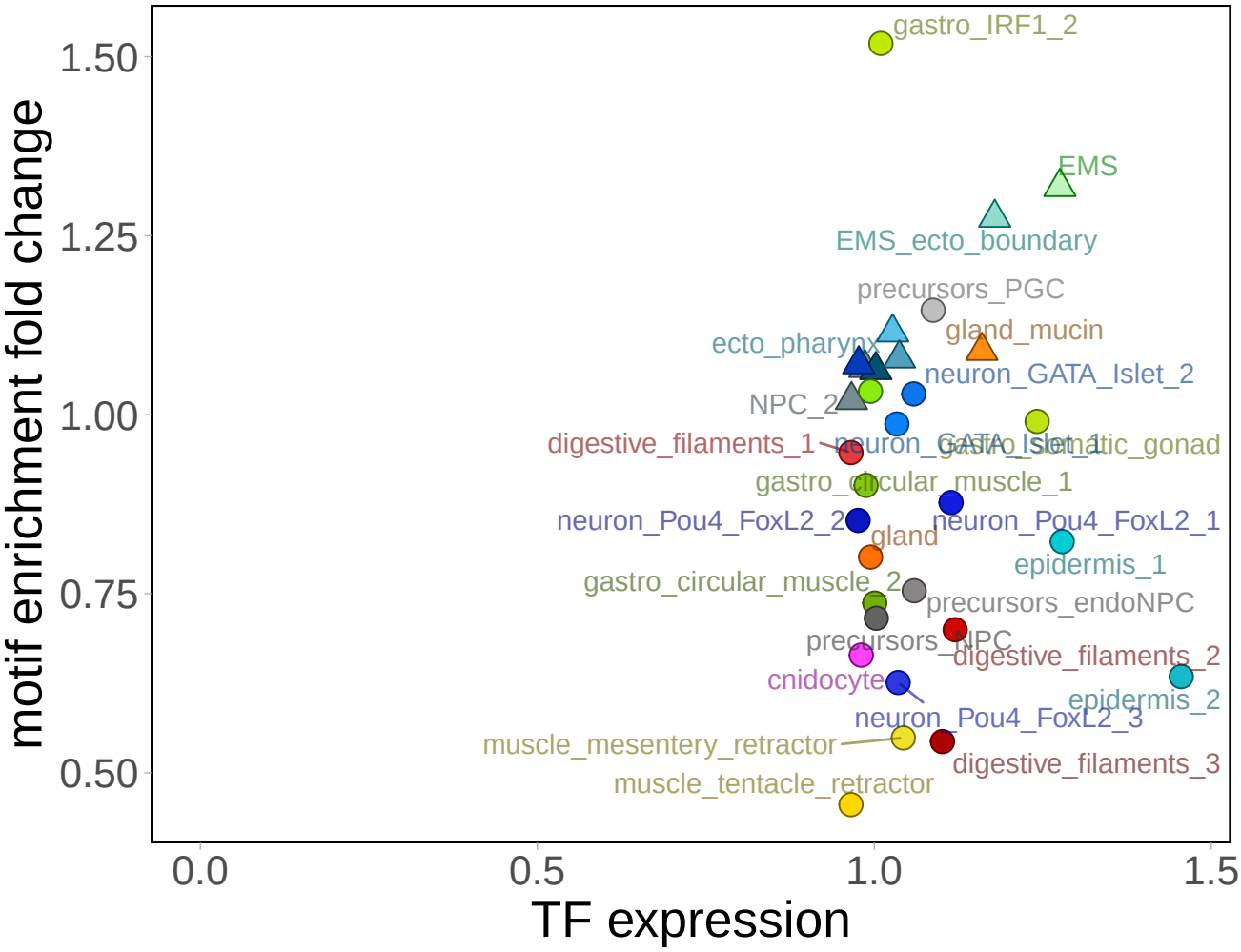




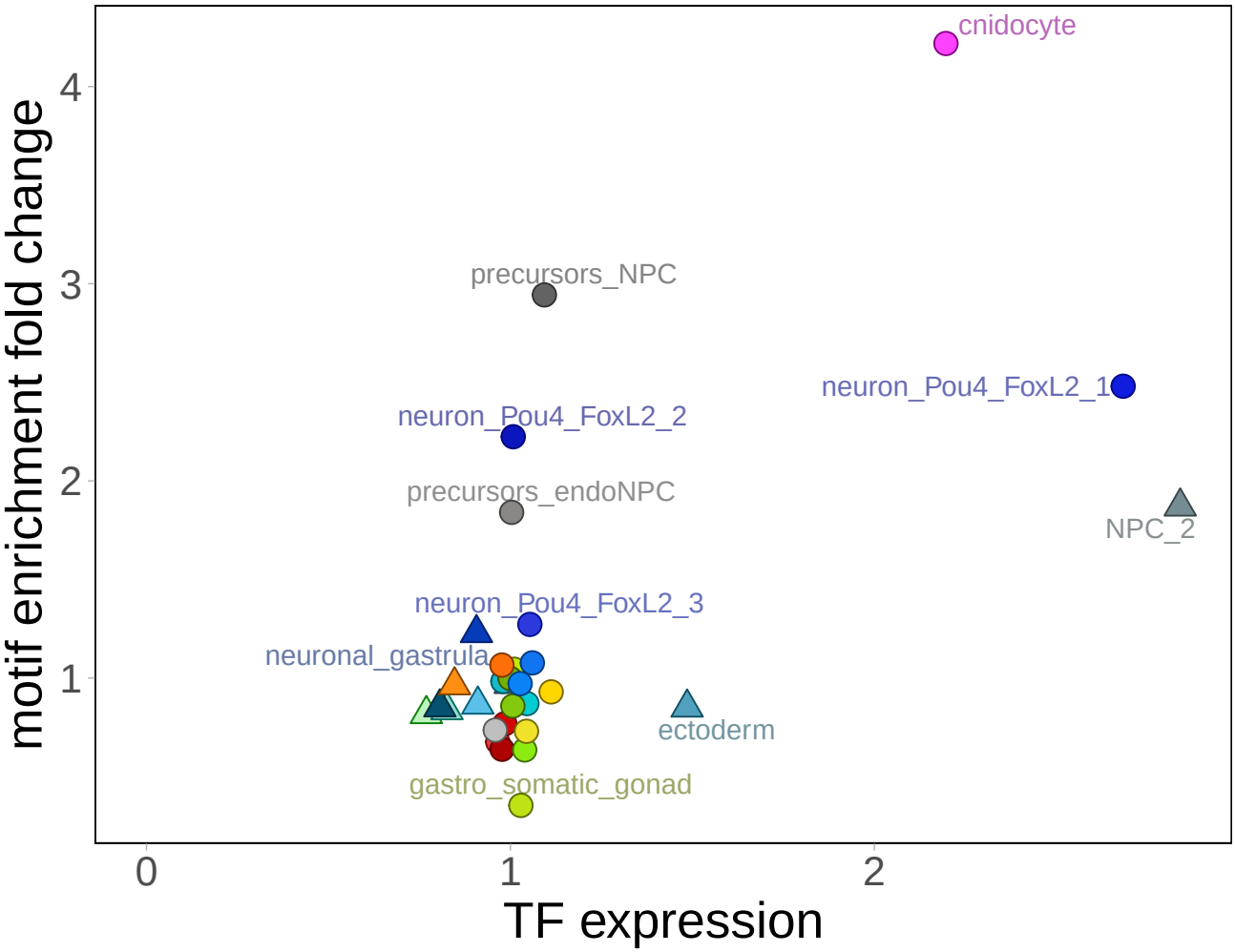
Nvec_vc1.1_XM_032381908.2 (Hand2)
OG: HLH.HG1.66:like:HAND1/HAND2
PFAM: HLH
motif: ARCH779_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 422
gene expression correlation: 0.0110
gene score correlation: 0.1069



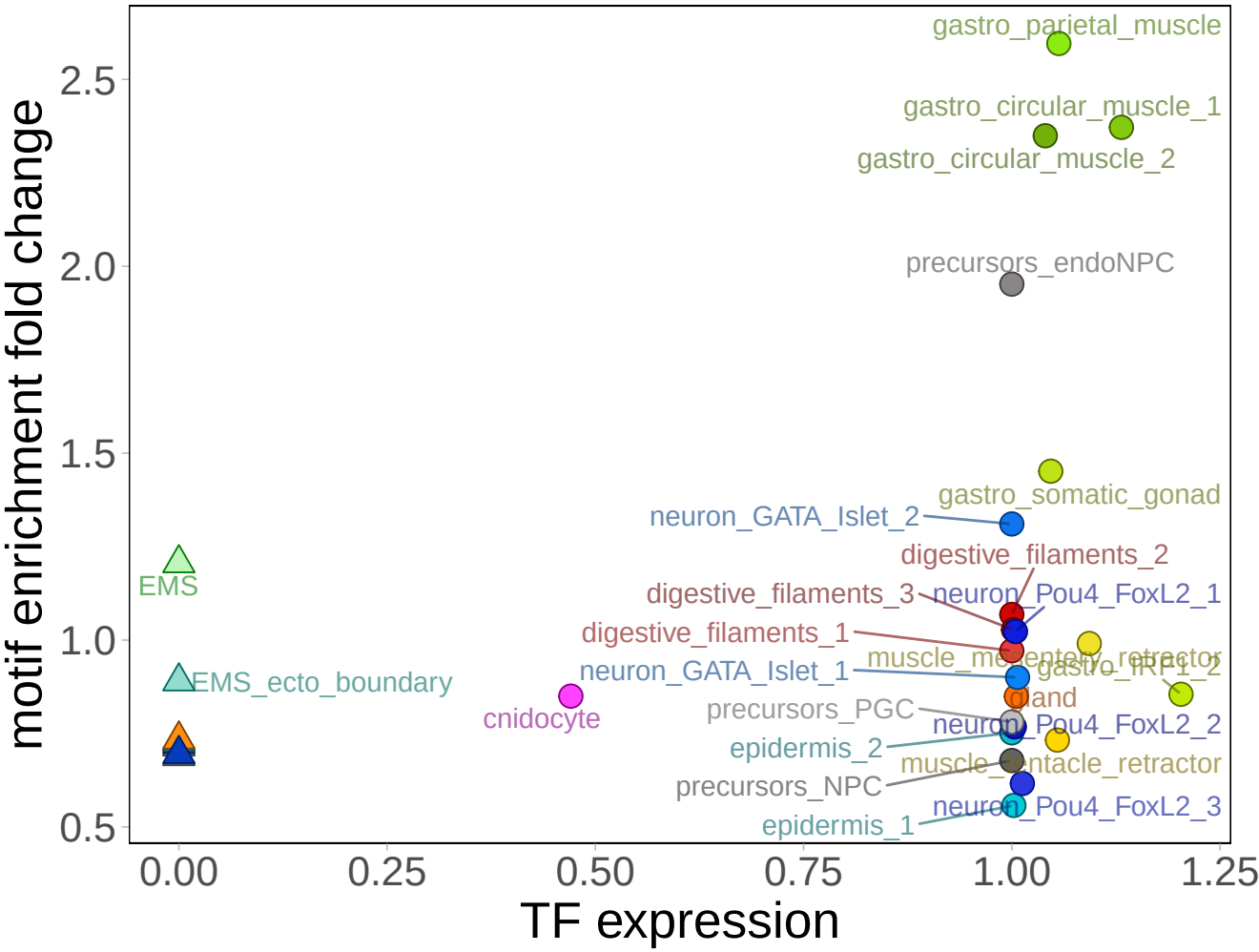
Nvec_vc1.1_XM_032384221.2 (ETV6/7)
OG: Ets.HG1.13:ETV6/ETV7
PFAM: Ets
motif: ARCH551_Elf3/Ehf/Elf5_Etv6
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 151
gene expression correlation: 0.0260
gene score correlation: −0.0501



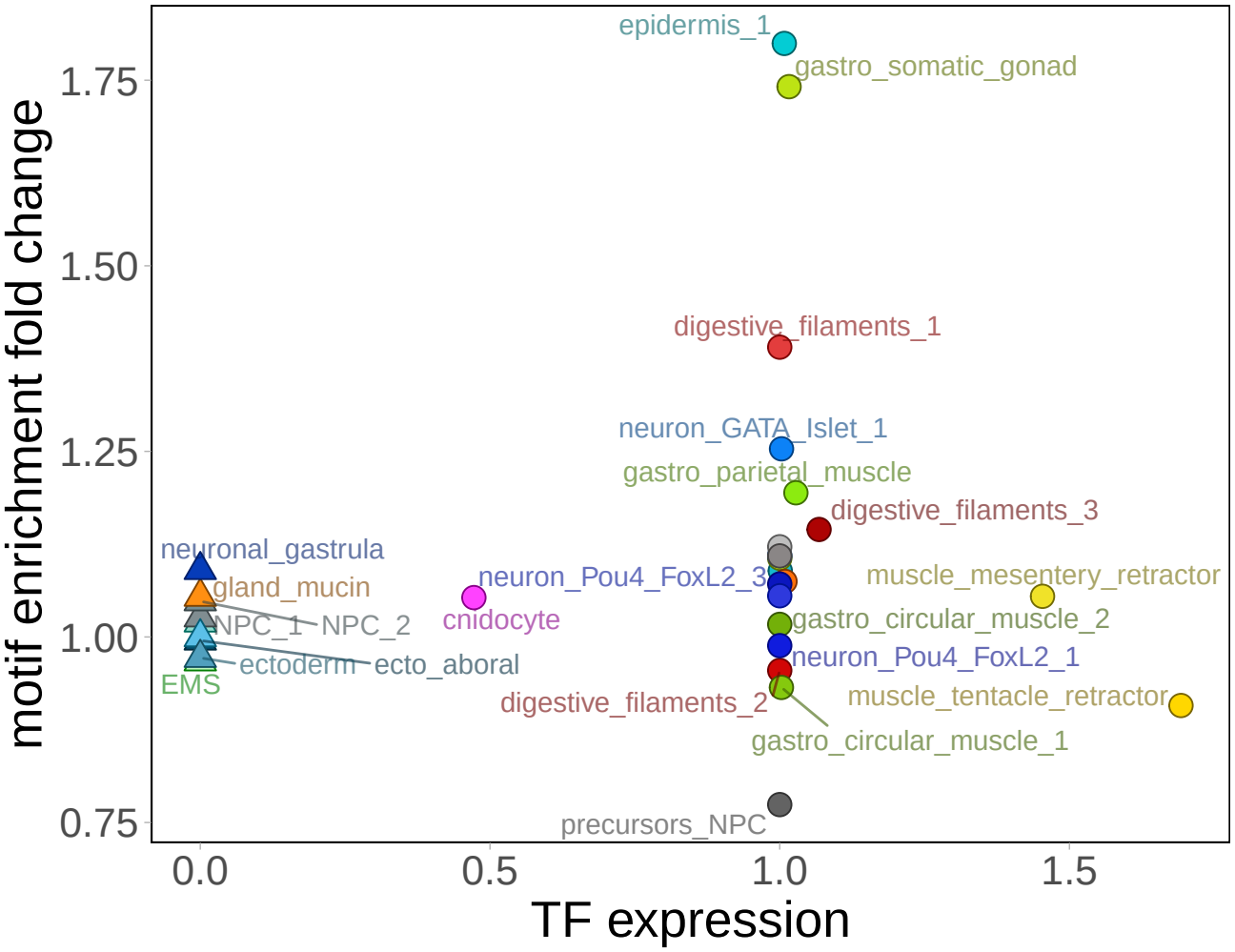
Nvec_vc1.1_XM_032384420.2 (Sp6−9)
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_4
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.6020
gene score correlation: 0.4284



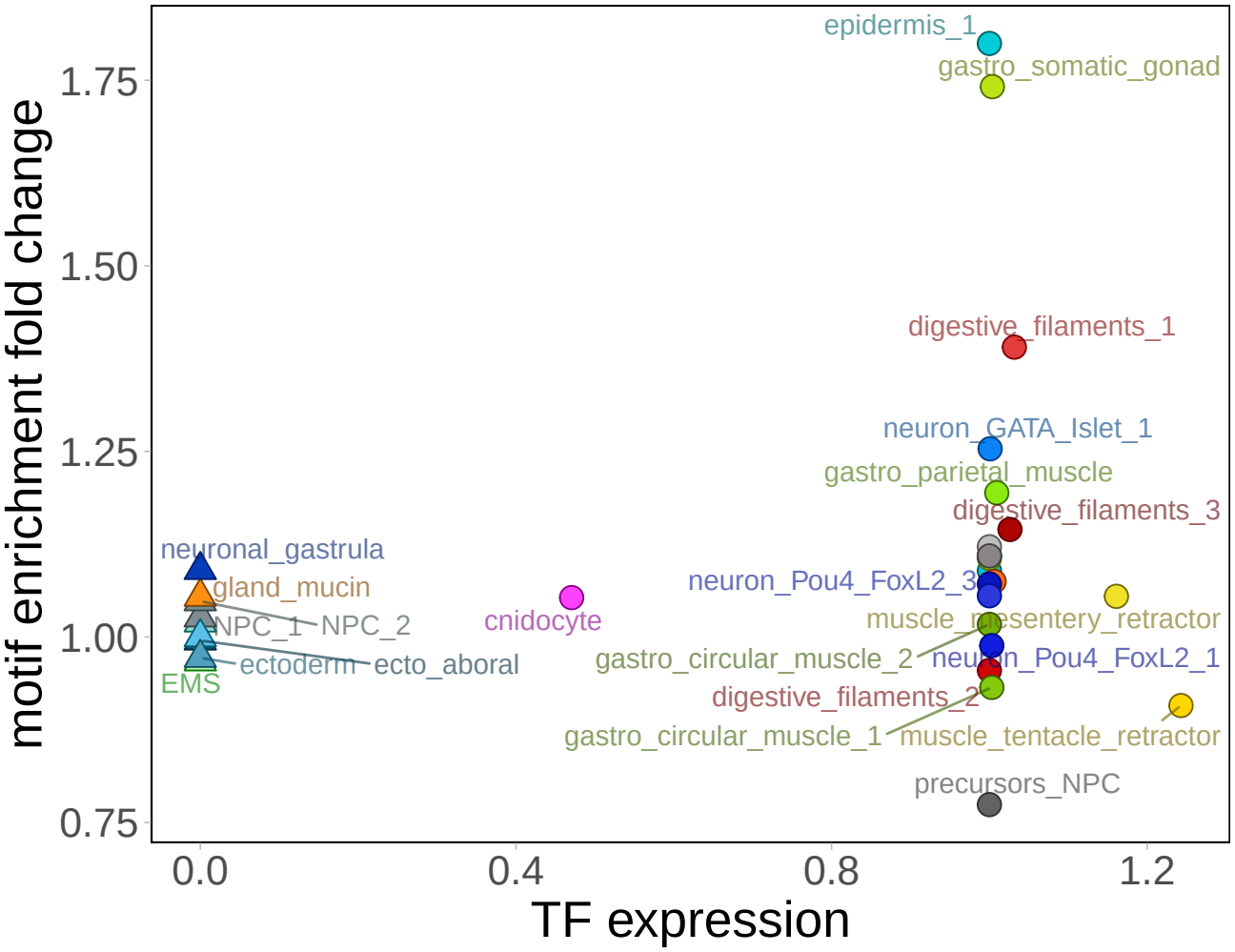
Nvec_vc1.1_XM_032384965.2 (BarH−Like3)
OG: Homeodomains.HG1.39:BARHL1/BARHL
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 38
gene expression correlation: 0.3506
gene score correlation: 0.7002



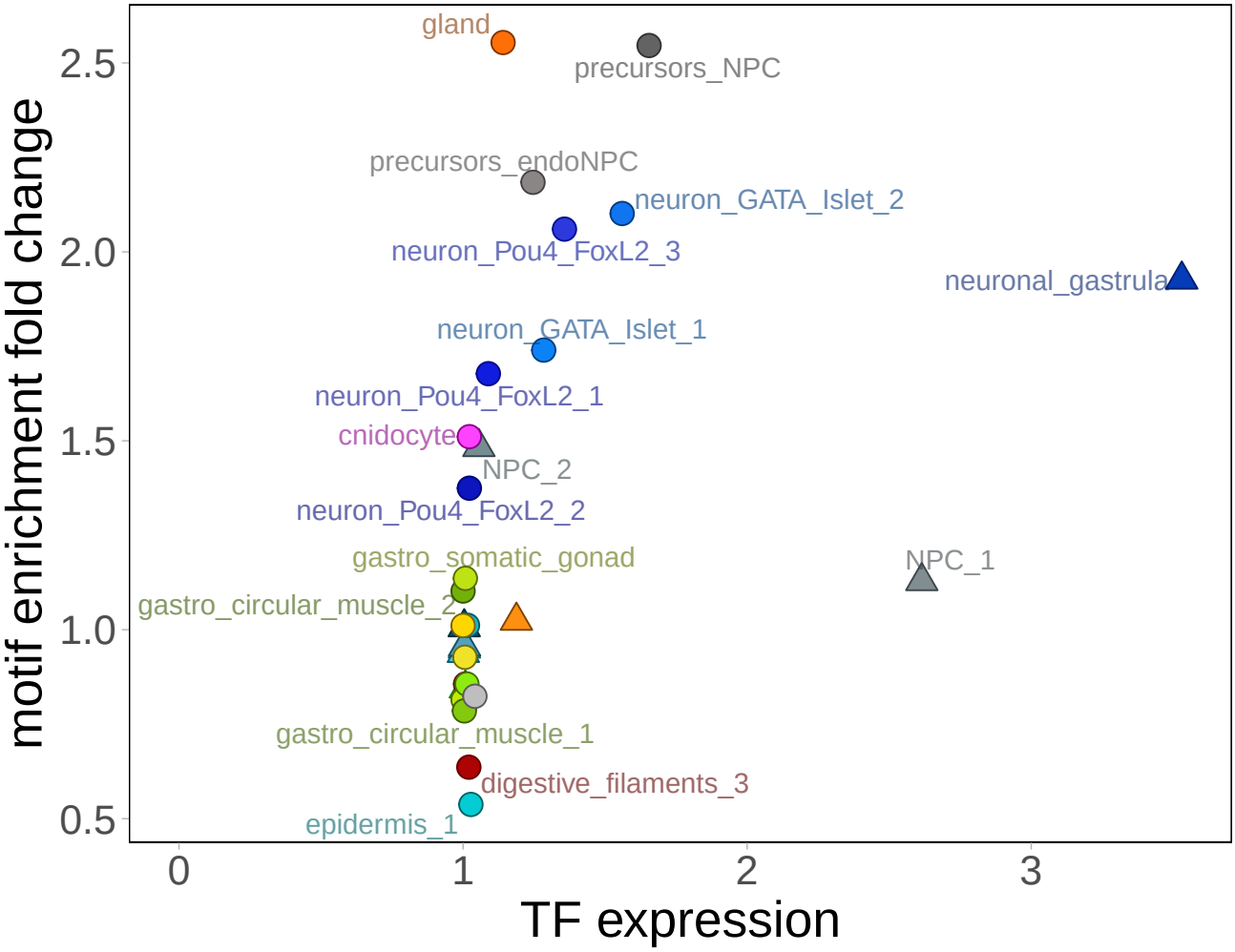
Nvec_vc1.1_XM_032385184.2 (Nem24)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 242
gene expression correlation: 0.1954
gene score correlation: 0.0744



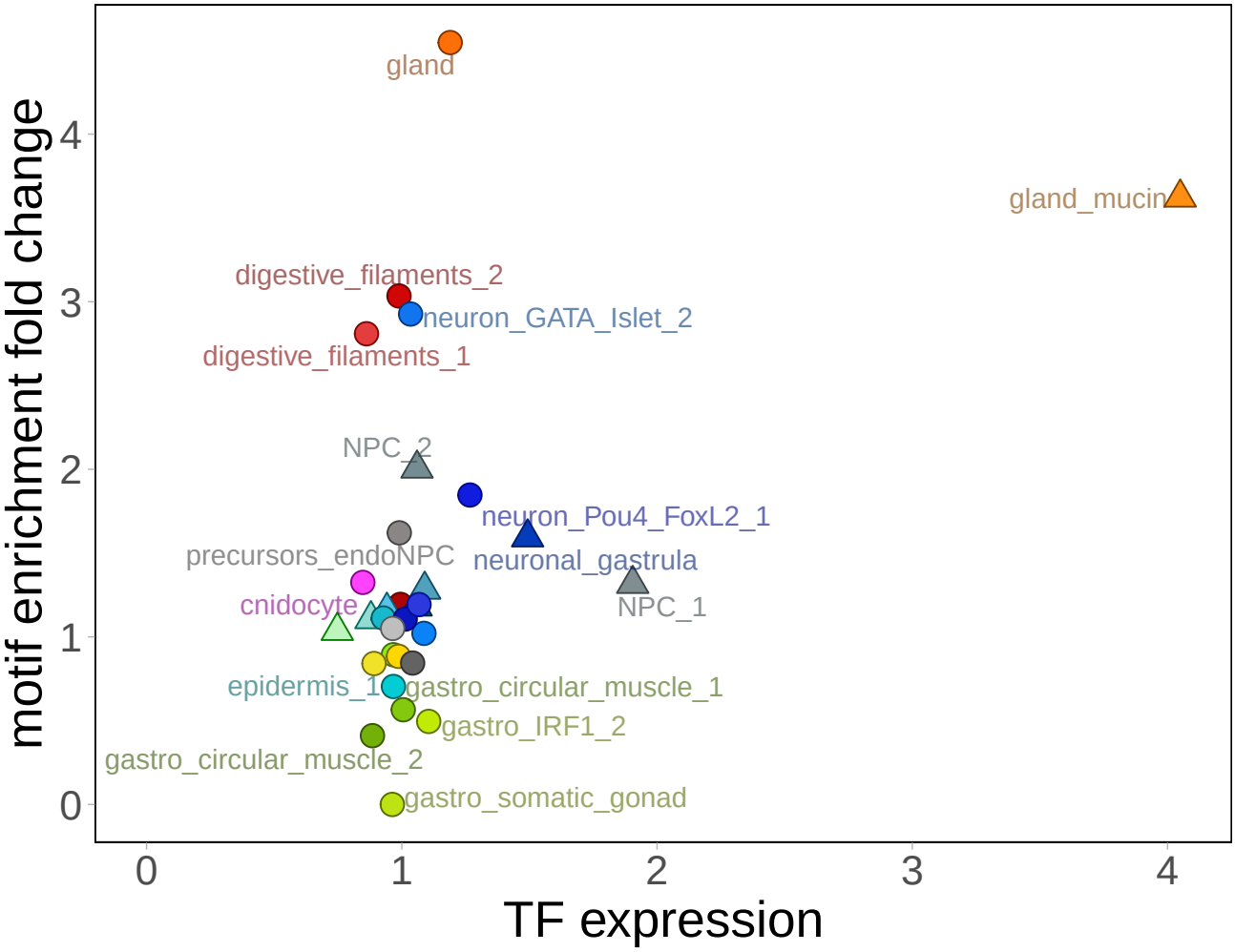
Nvec_vc1.1_XM_032385185.2 (Nem7)
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 73
gene expression correlation: 0.2409
gene score correlation: 0.1158



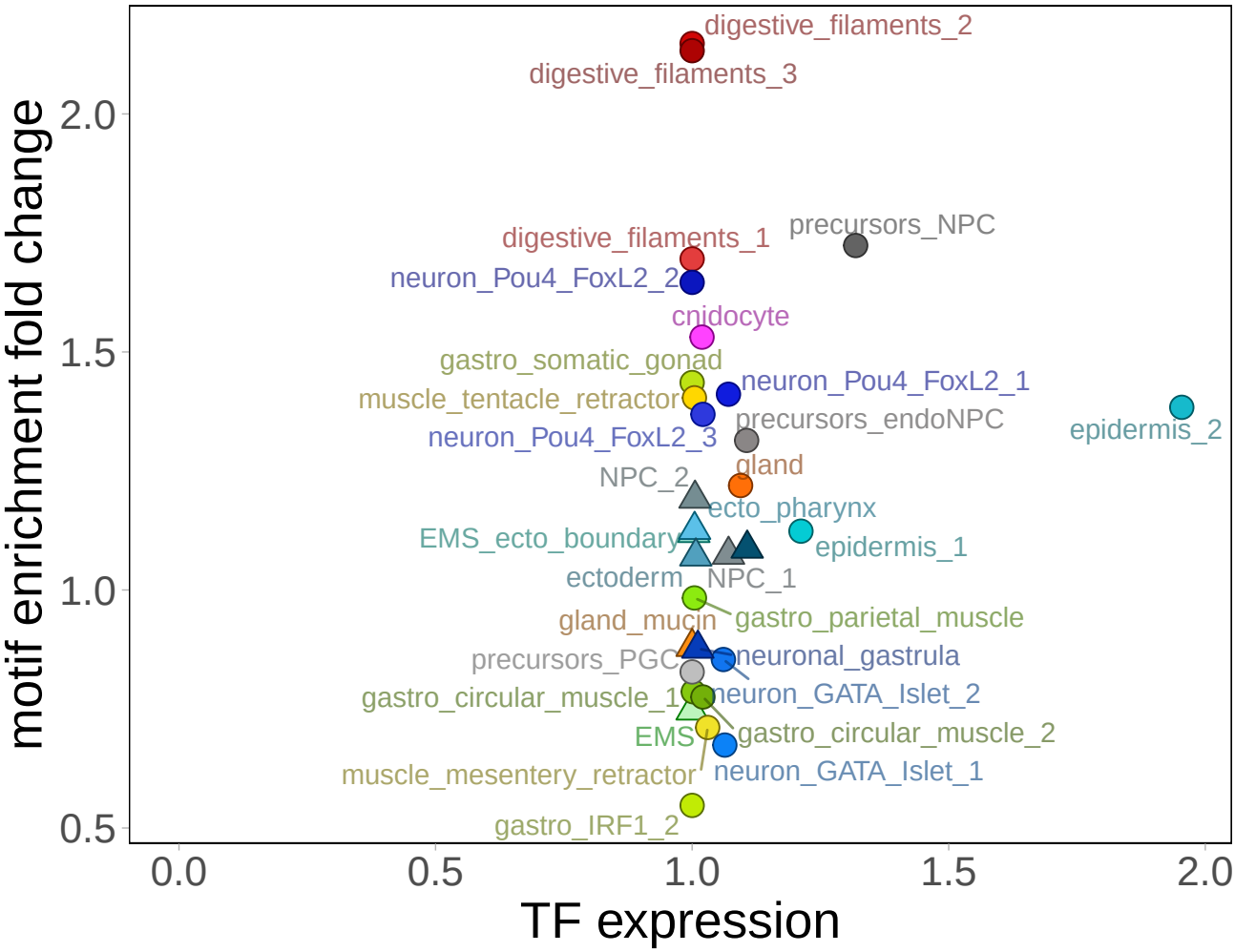
Nvec_vc1.1_XM_032385496.2 (PTF1a)
OG: HLH.HG1.91:like:FERD3L/PTF1A
PFAM: HLH
motif: ARCH745_Tfap4
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3896
gene score correlation: 0.5875



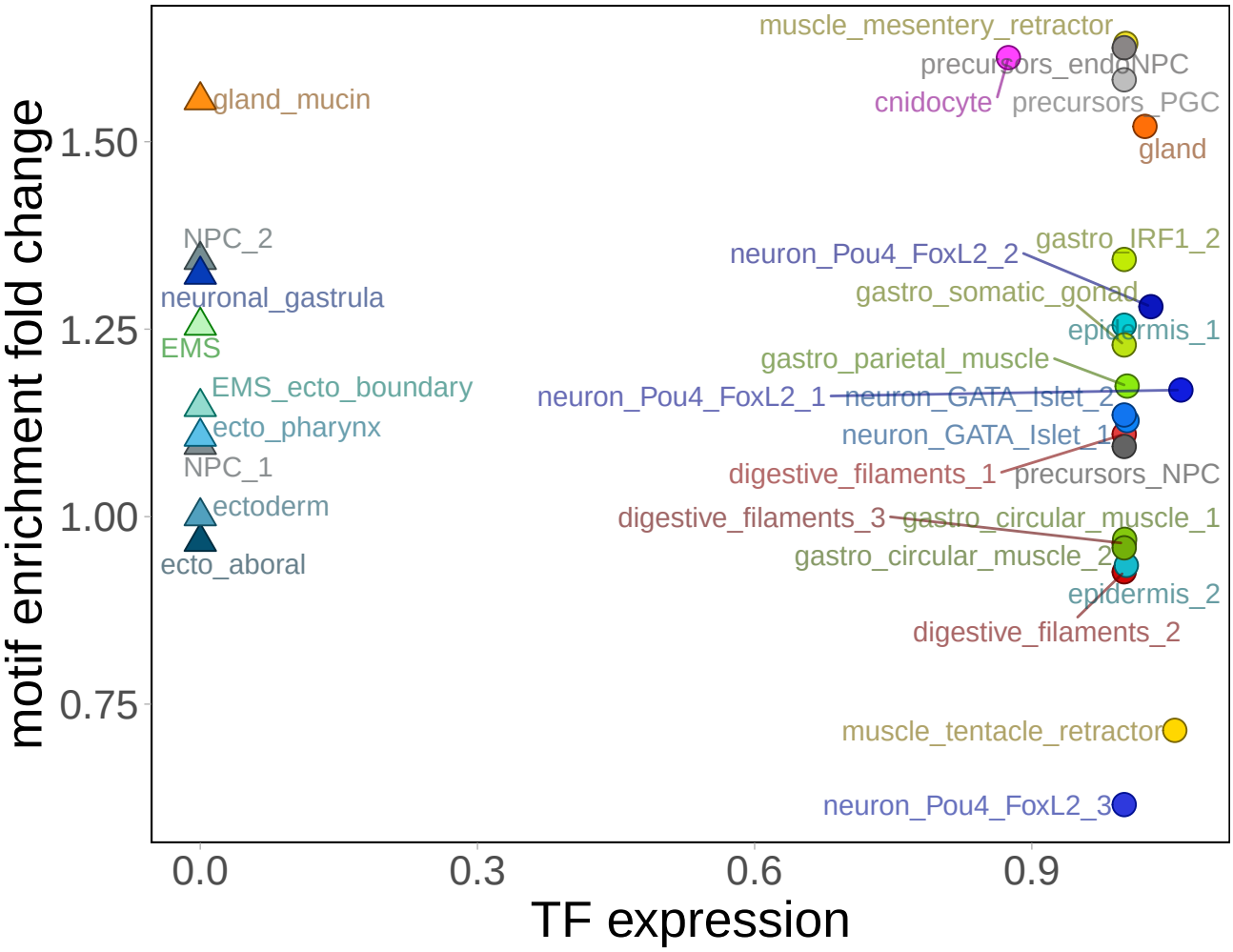
Nvec_vc1.1_XM_032385647.2 (RFX1/2/3)
OG: RFX.HG1.2:RFX1/RFX2/RFX3
PFAM: RFX_DNA_binding
motif: ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4338
gene score correlation: 0.6134



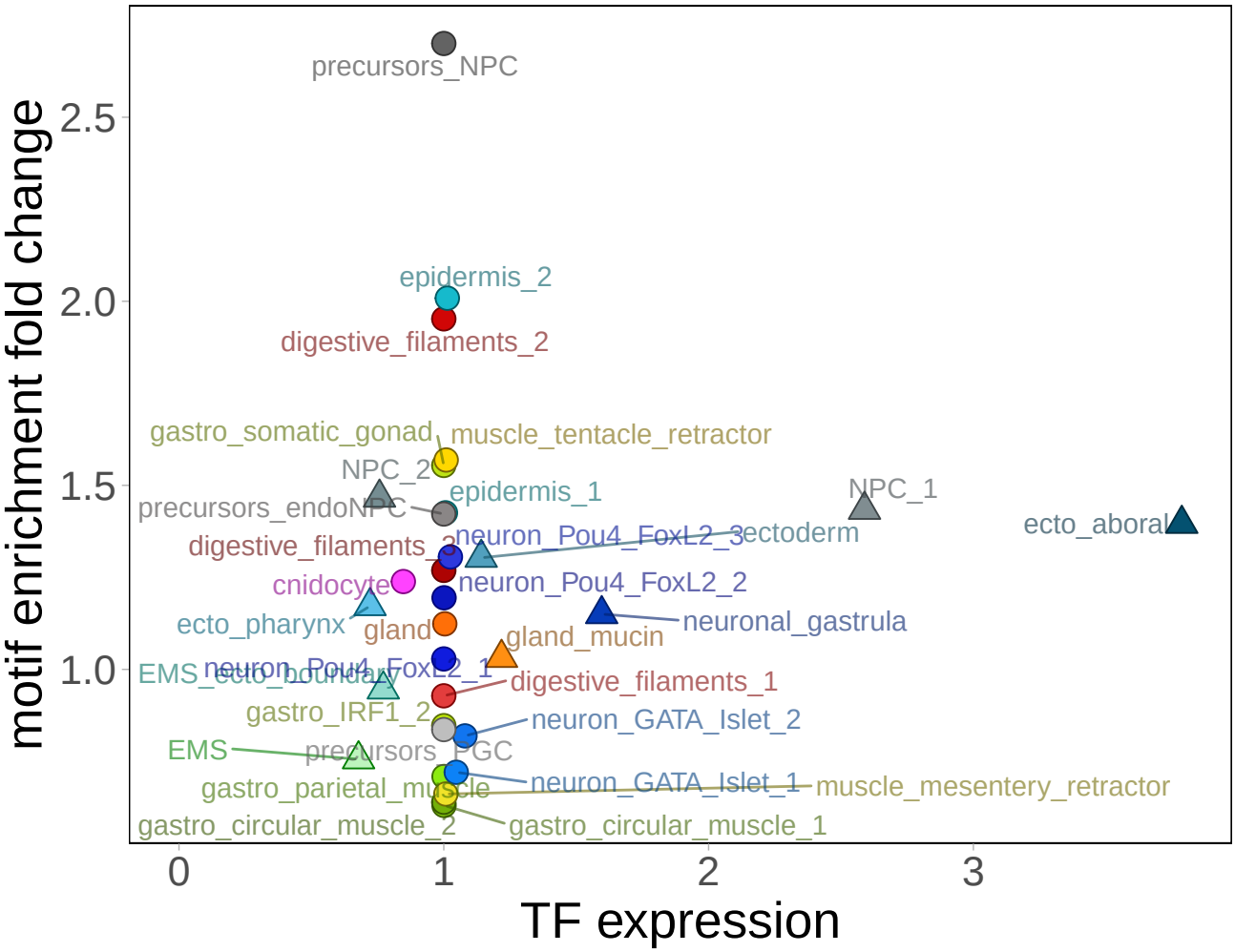
Nvec_vc1.1_XM_032385706.2 (FoxQ2d)
OG: Forkhead.HG1.14:like:FOXN1/FOXN2/FO
PFAM: Forkhead
motif: FoxQ2d
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 0
gene expression correlation: 0.1309
gene score correlation: 0.1645



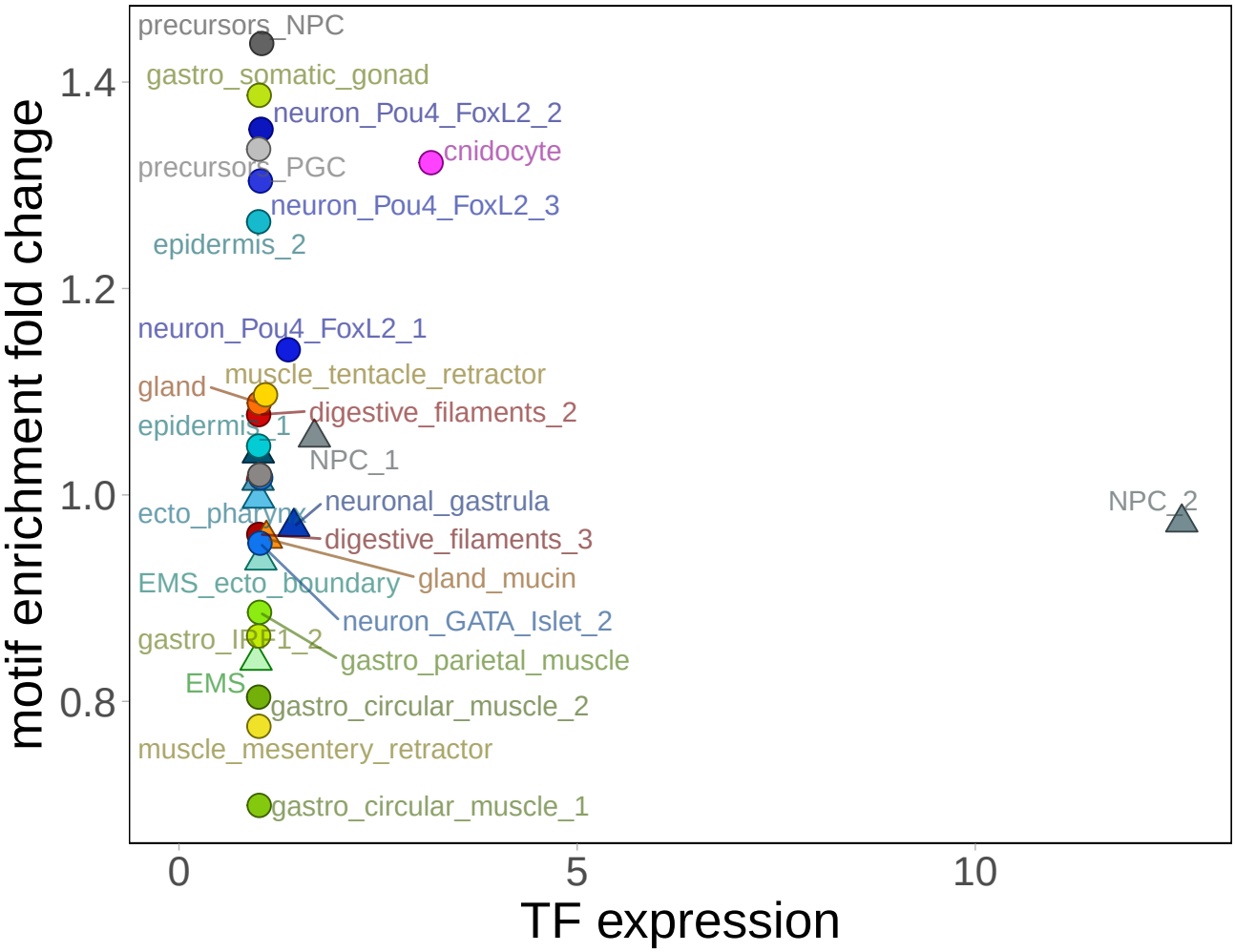
Nvec_vc1.1_XM_032385896.2 (Cnido−Jun)
OG: bZIP.HG1.6:JUN/JUNB/JUND
PFAM: Jun/bZIP_1
motif: ARCH947_Creb3l2/Creb3l1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 7
gene expression correlation: −0.0520
gene score correlation: 0.3303



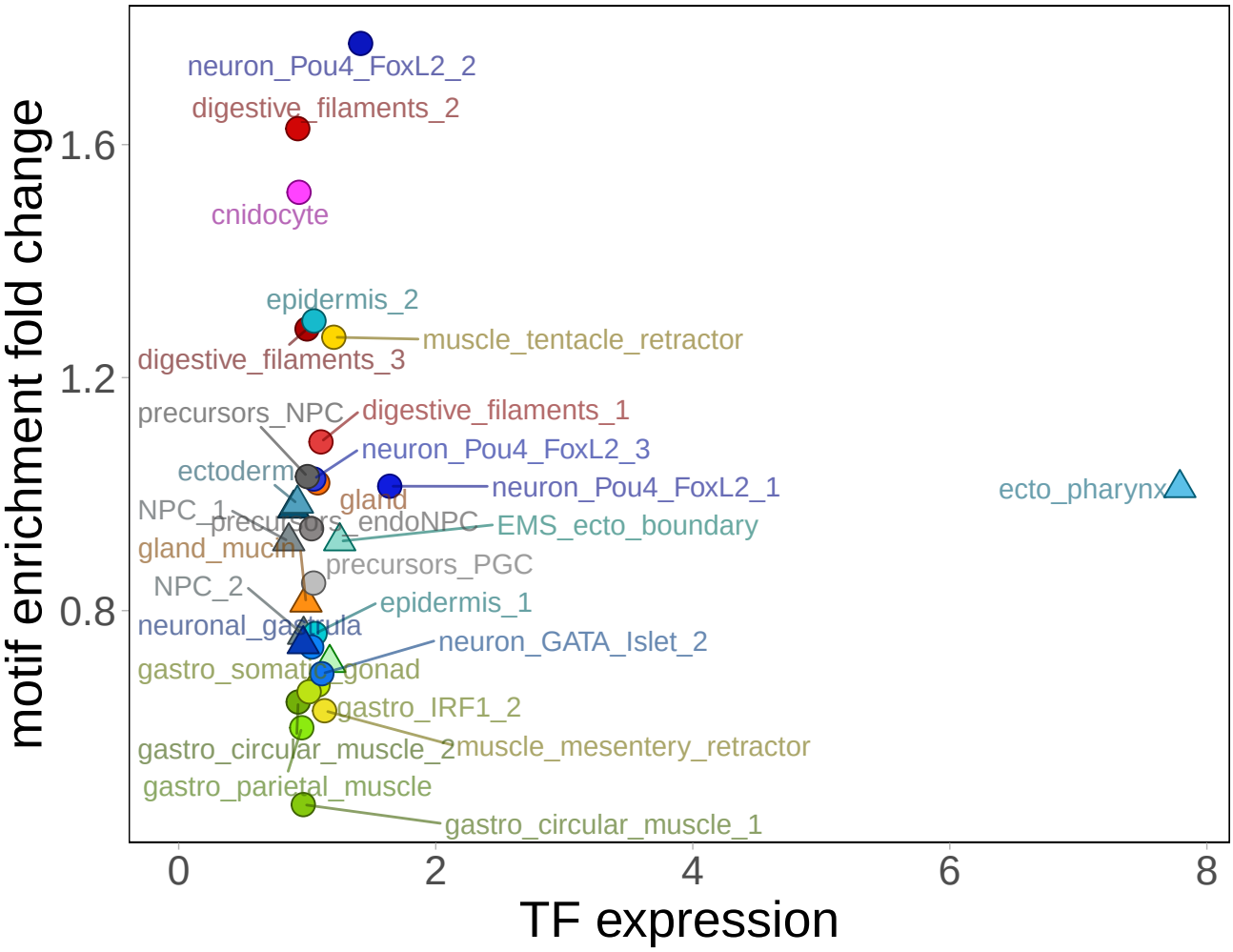
Nvec_vc1.1_XM_032386947.2 (FoxQ2a)
OG: Forkhead.HG1.13:like:FOXN1/FOXN2/FO
PFAM: Forkhead
motif: ARCH1175_/Sox4/Sox11_Foxc2/...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 62
gene expression correlation: 0.1187
gene score correlation: 0.1565



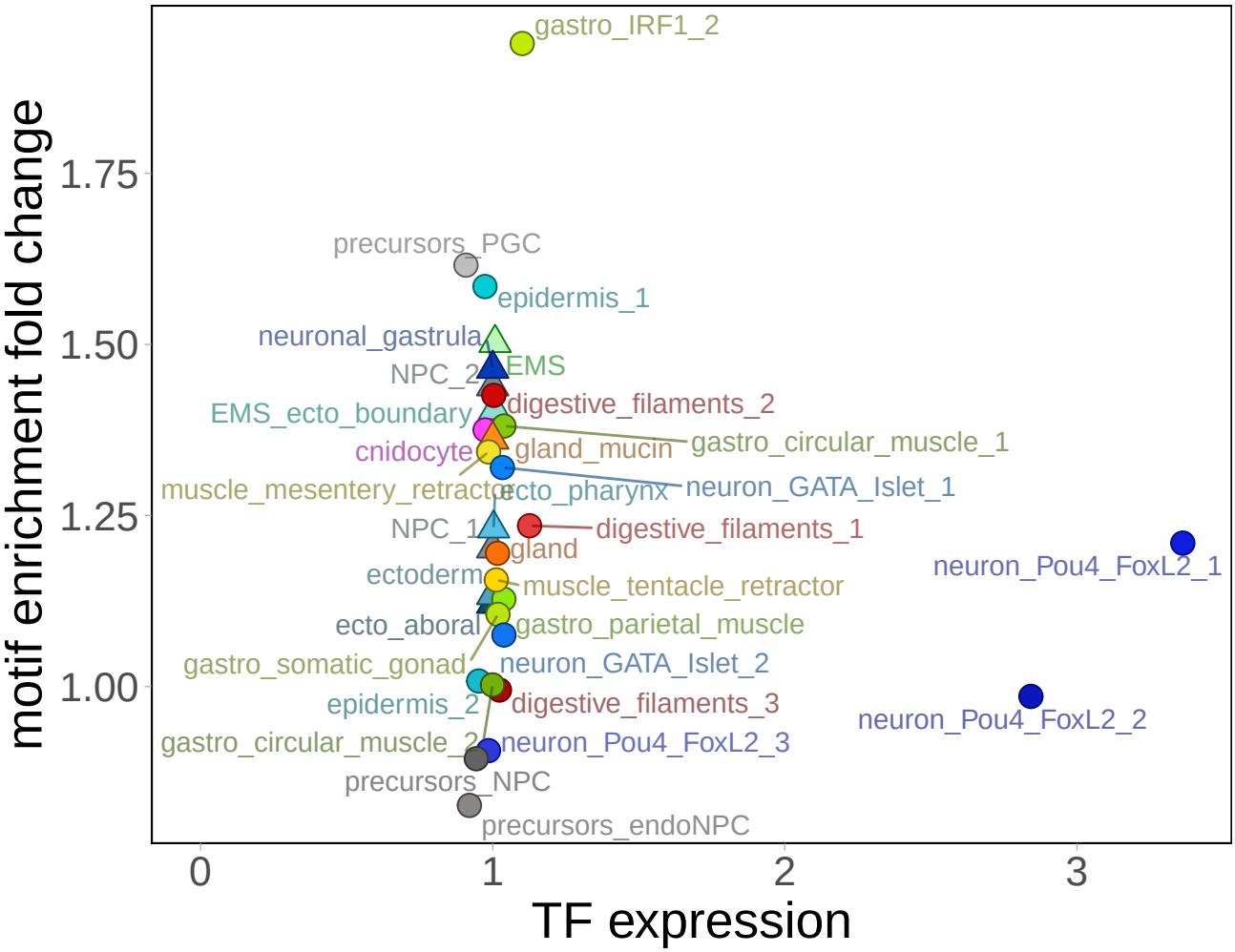
Nvec_vc1.1_XM_032387167.2 (FoxA/D?)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead
motif: ARCH1102_Foxa3/Foxa1/Foxa2_...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 70
gene expression correlation: −0.0267
gene score correlation: 0.2918



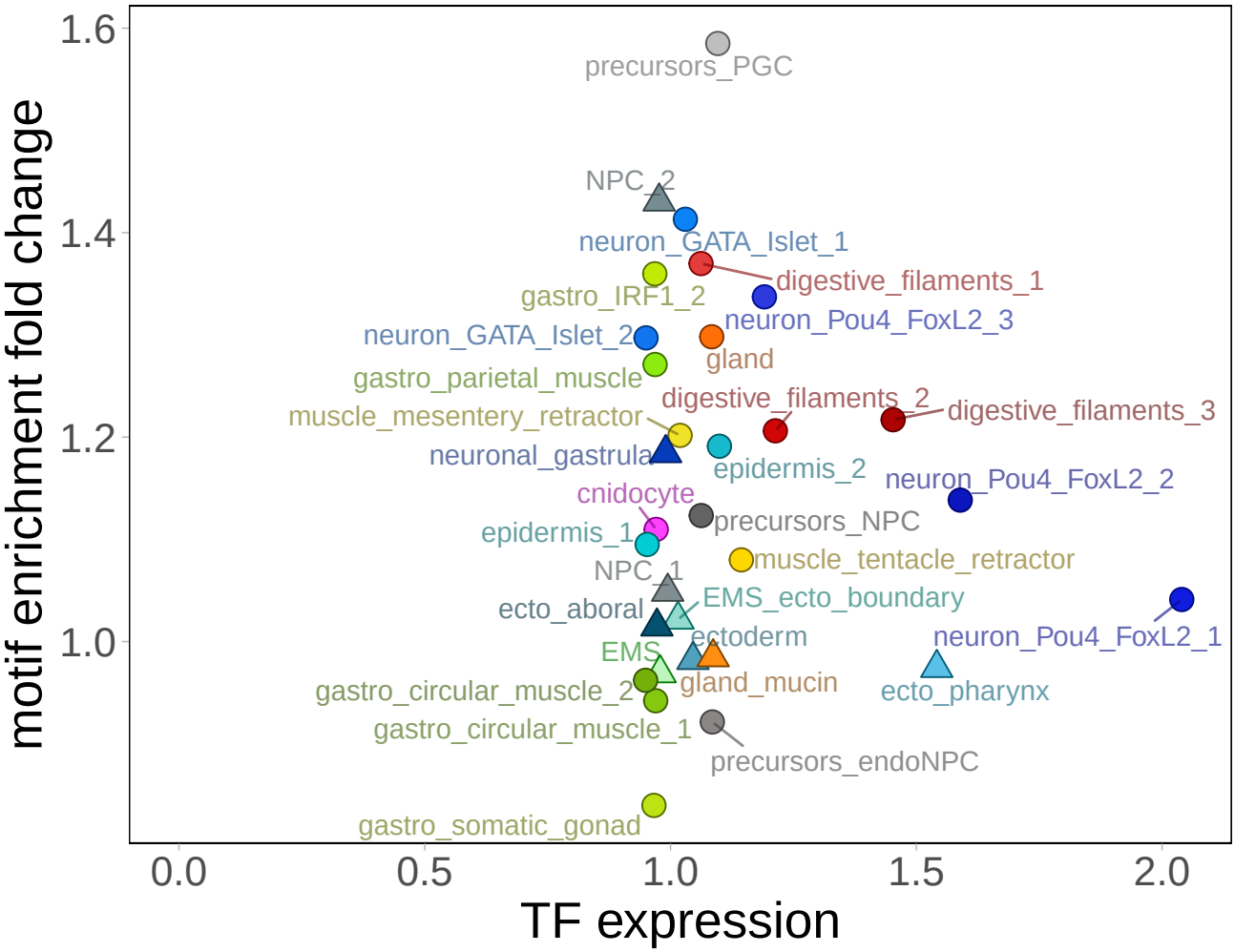
Nvec_vc1.1_XM_048728028.1 (FoxB)
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.0629
gene score correlation: 0.4096



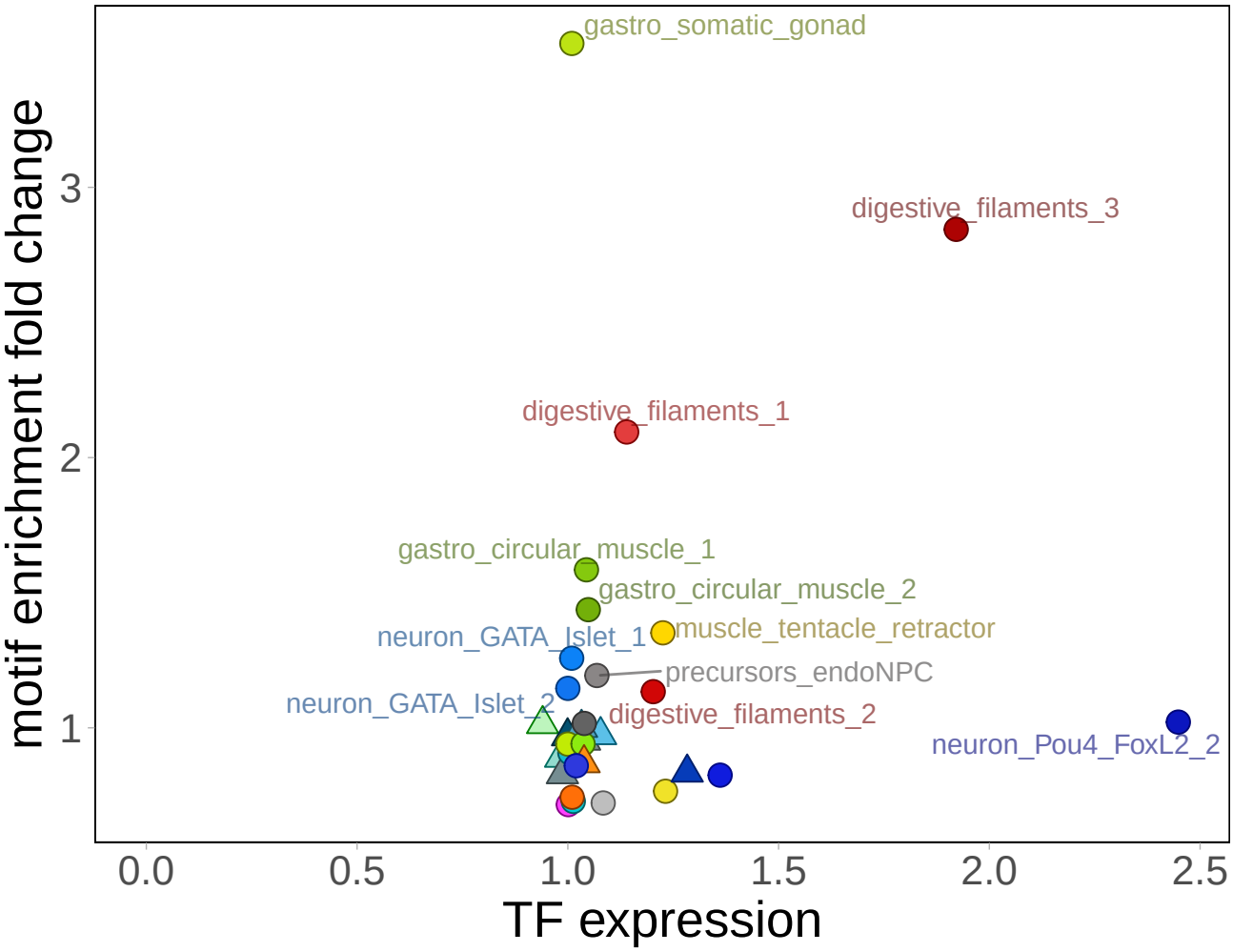
Nvec_vc1.1_XM_048730161.1 (Cnido−Fos1)
OG: bZIP.HG1.9:like:ATF3/ATF4/ATF5/FOS/FO
PFAM: bZIP_1
motif: ARCH1620_Atf3/Jdp2_Creb3l2/...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 737
gene expression correlation: −0.1233
gene score correlation: −0.1025



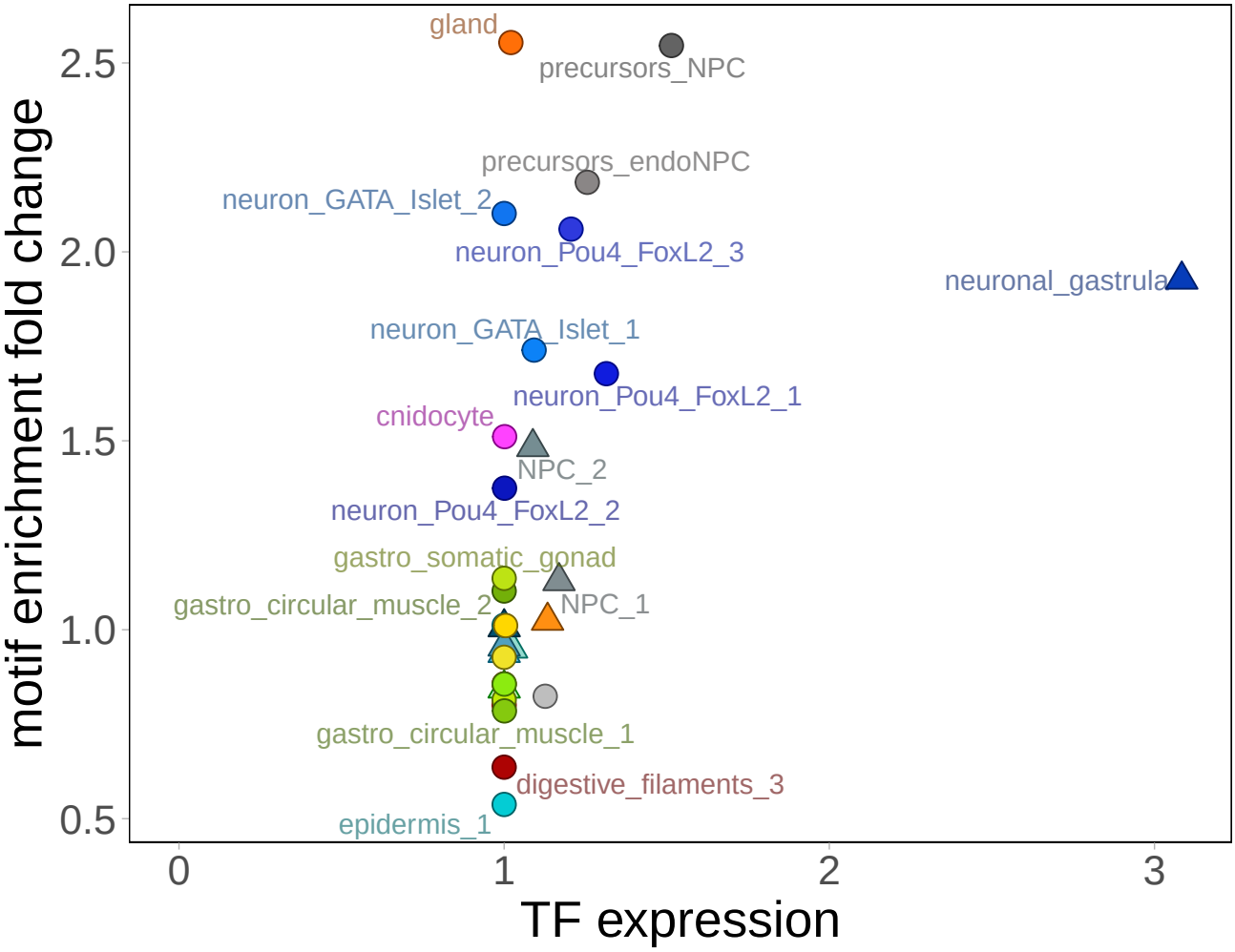
Nvec_vc1.1_XM_048731137.1 (LMX)
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH93_AW822073//Duxf3/Duxb...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 48
gene expression correlation: −0.0733
gene score correlation: −0.0630



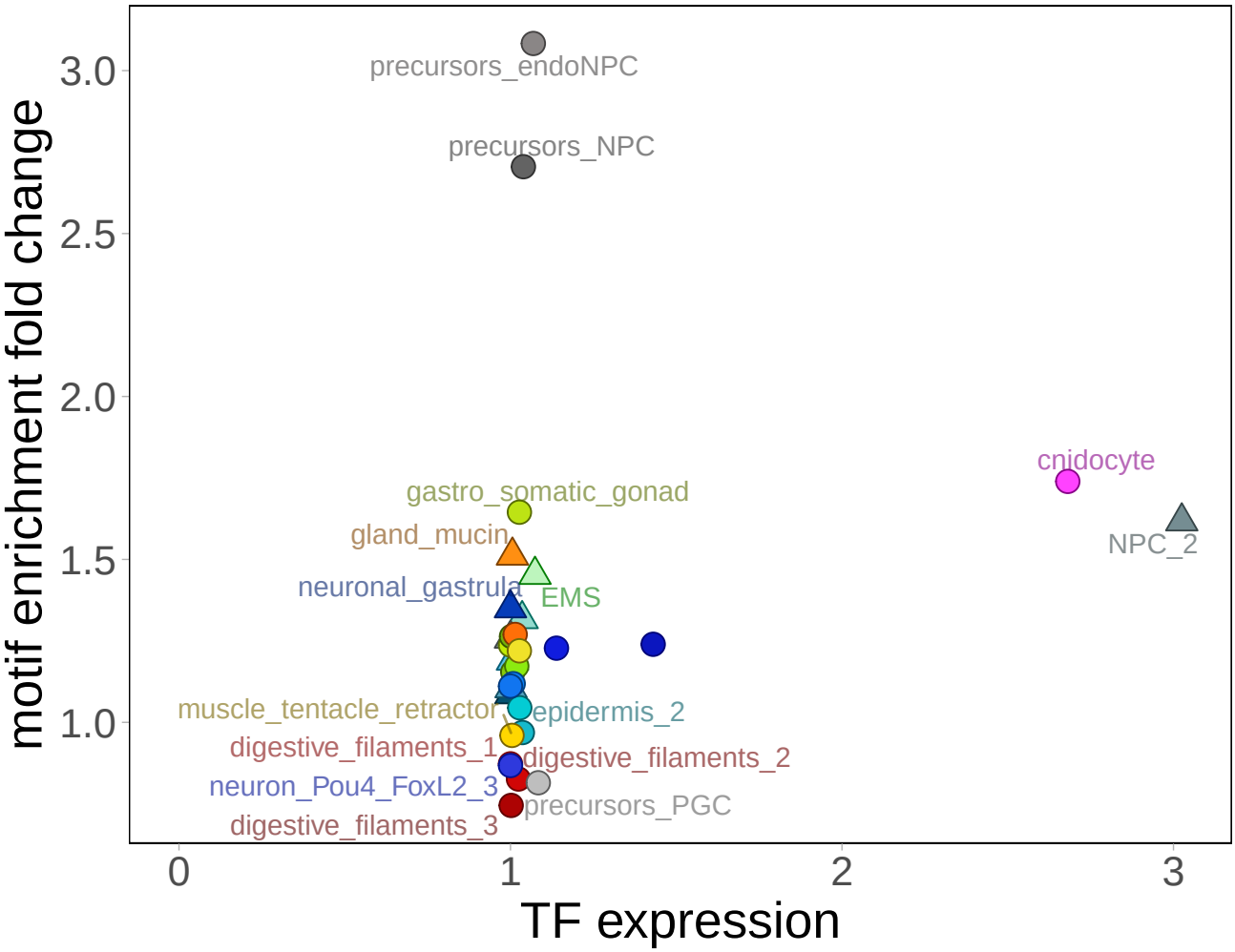
Nvec_NVE7697
OG: Homeodomains.HG2.24:like:LEUTX
PFAM: Homeodomain
motif: ARCH1442_Dmbx1_Gsc2/Gsc//Ob...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 663
gene expression correlation: 0.2070
gene score correlation: 0.0522



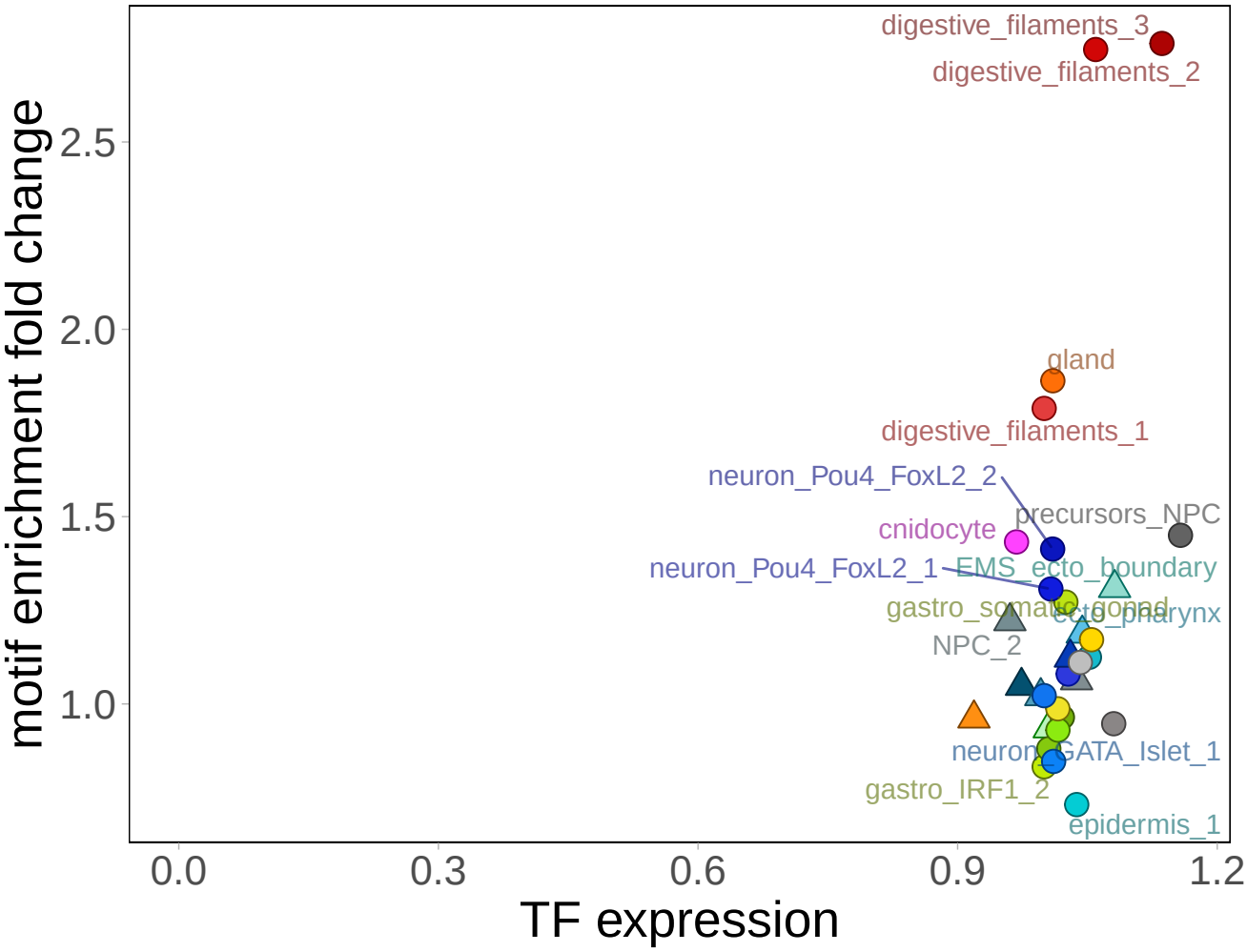
Nvec_v1g210540
OG: HLH.HG1.68:like:ASCL3/ASCL4/ASCL5
PFAM: HLH
motif: ARCH745_Tfap4
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 19
gene expression correlation: 0.3931
gene score correlation: 0.6122



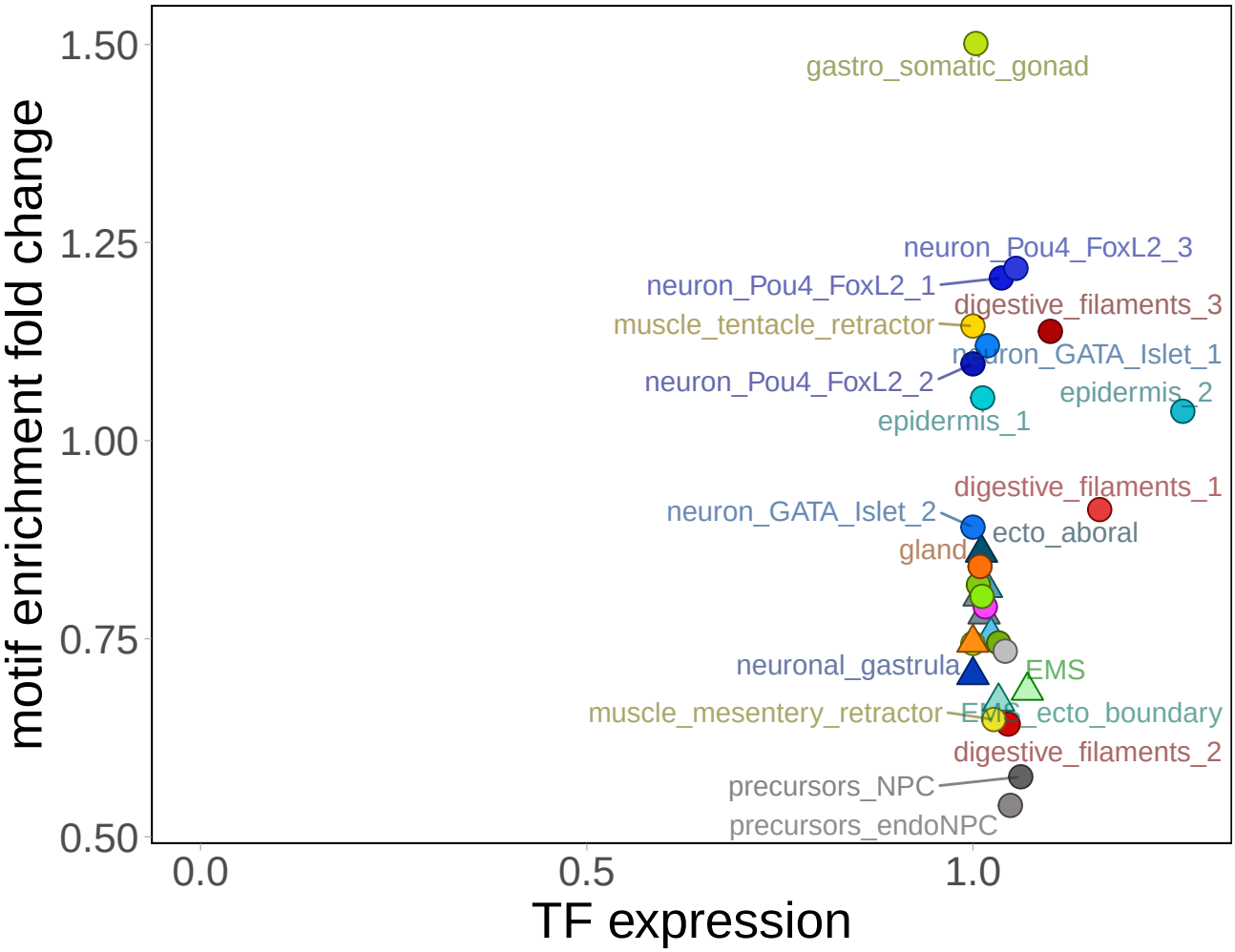
Nvec_v1g241767
OG: bZIP.HG1.3:like:JUN/JUNB/JUND
PFAM: Jun
motif: ARCH364_Creb3l2/Creb3l1_Cre...
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 445
gene expression correlation: 0.2166
gene score correlation: 0.0006



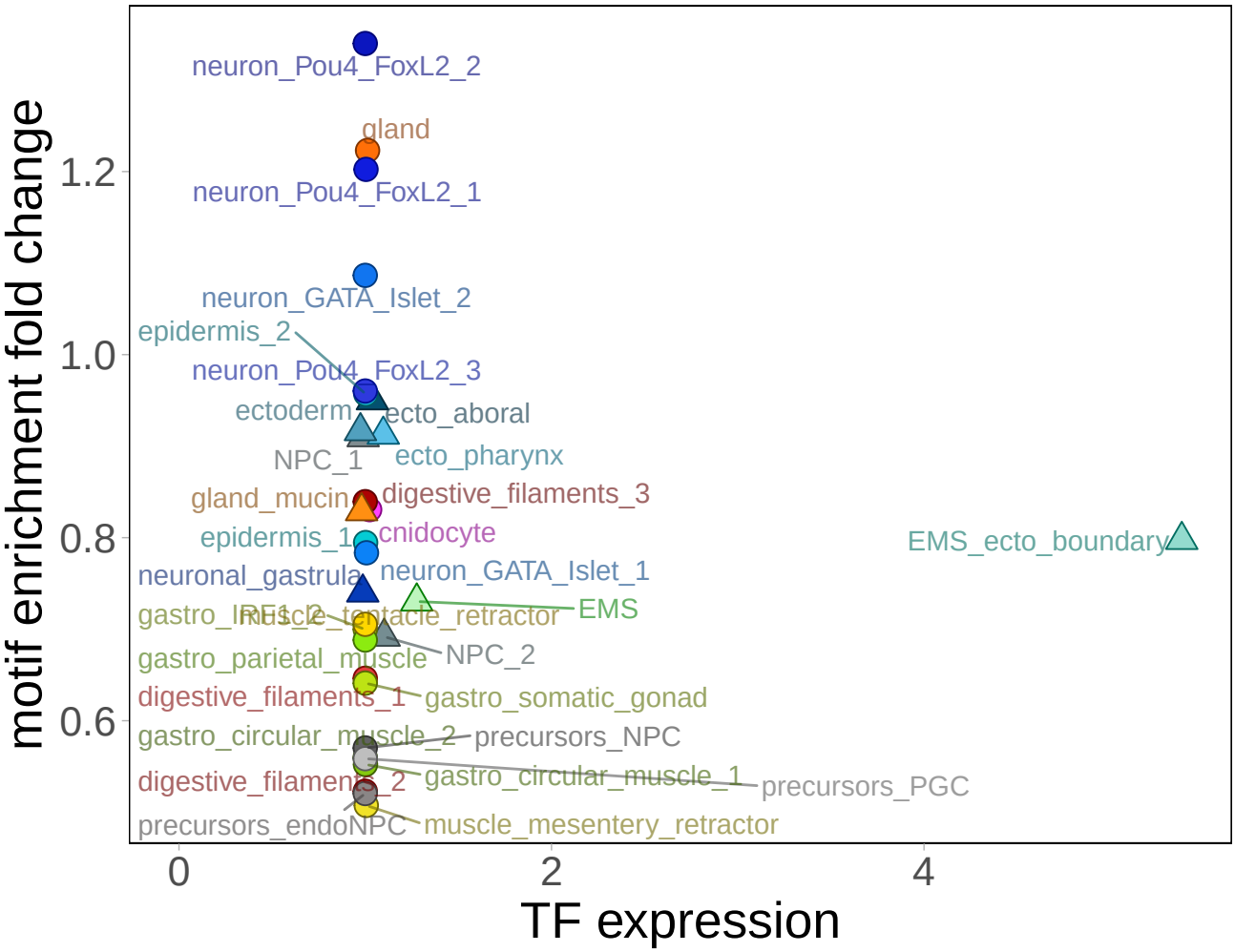
Nvec_v1g244929
OG: zf−C2H2.HG1.14:like:AC008758.1/AC008
PFAM: zf−C2H2/zf−C2H2
motif: ARCH888_Foxo1
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 21
gene expression correlation: 0.3996
gene score correlation: 0.4405



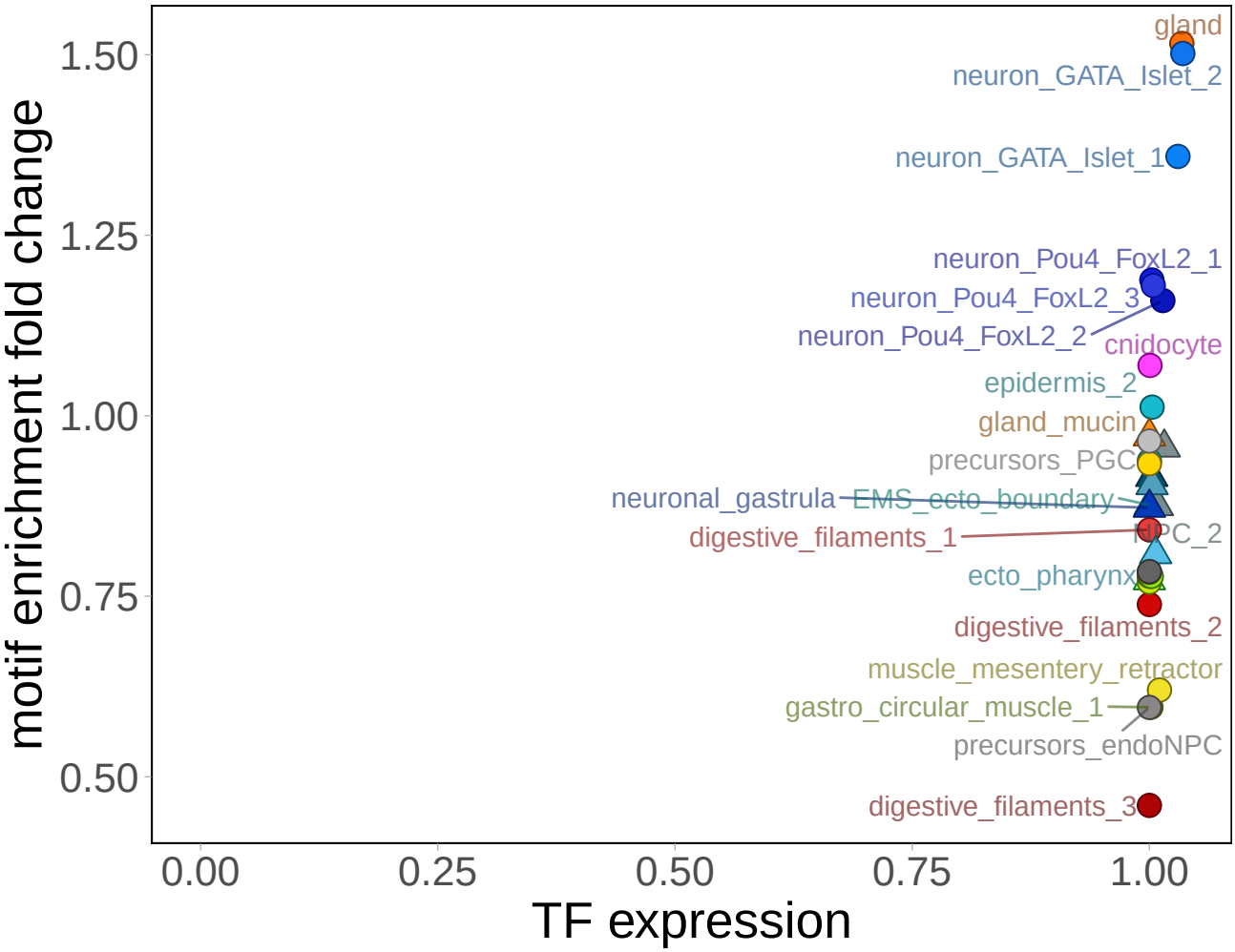
Nvec_v1g93844
OG: zf−C4_Nuclear_receptors.HG1.13:NR4A1
PFAM: zf−C4/Hormone_recep
motif: ARCH1091_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 286
gene expression correlation: 0.0818
gene score correlation: 0.0612



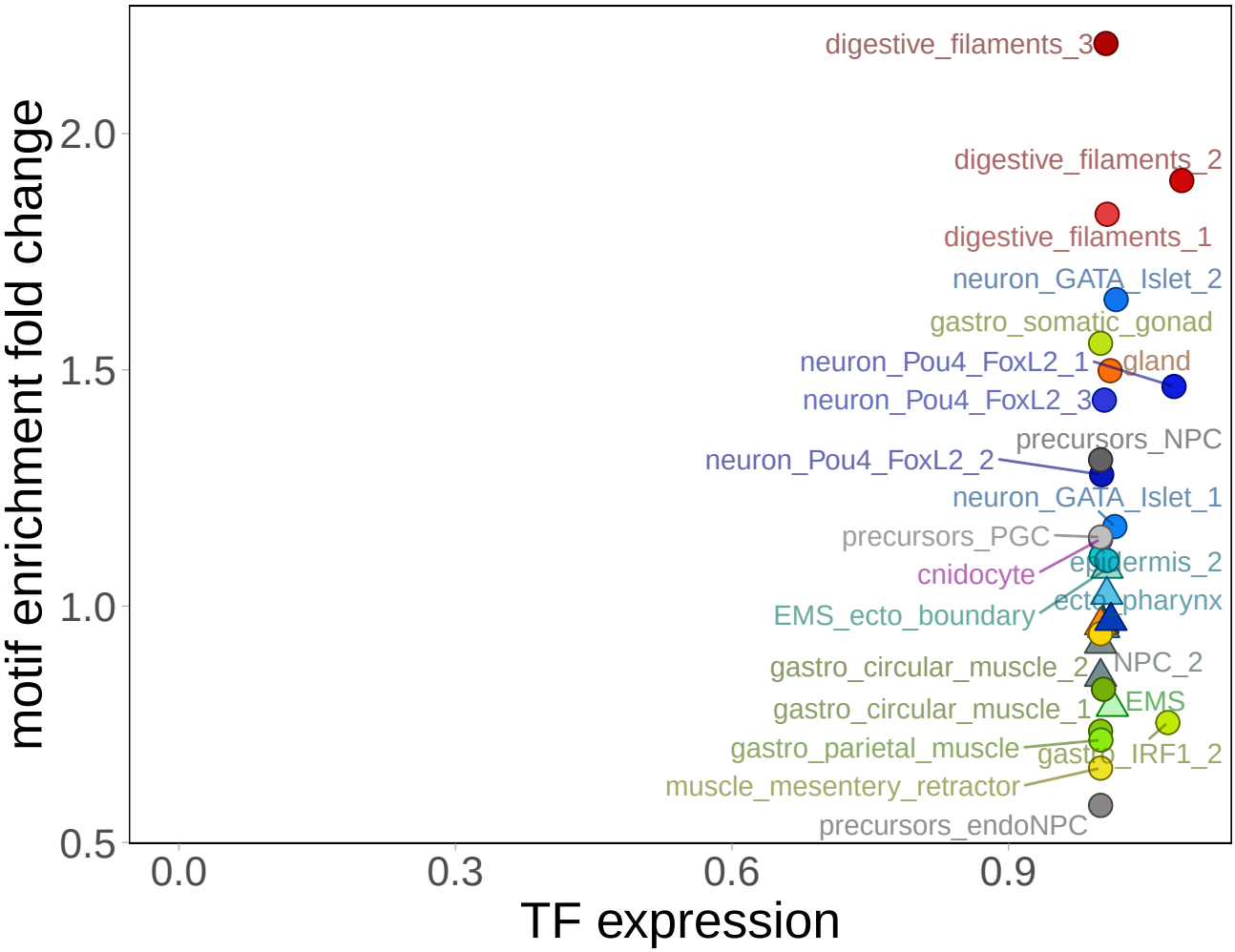
Nvec_vc1.1_XM_001623946.3
OG: Homeodomains.HG2.11:DUX4/DUXA/DU
PFAM: Homeodomain
motif: ARCH18_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 4
gene expression correlation: −0.0003
gene score correlation: 0.2965



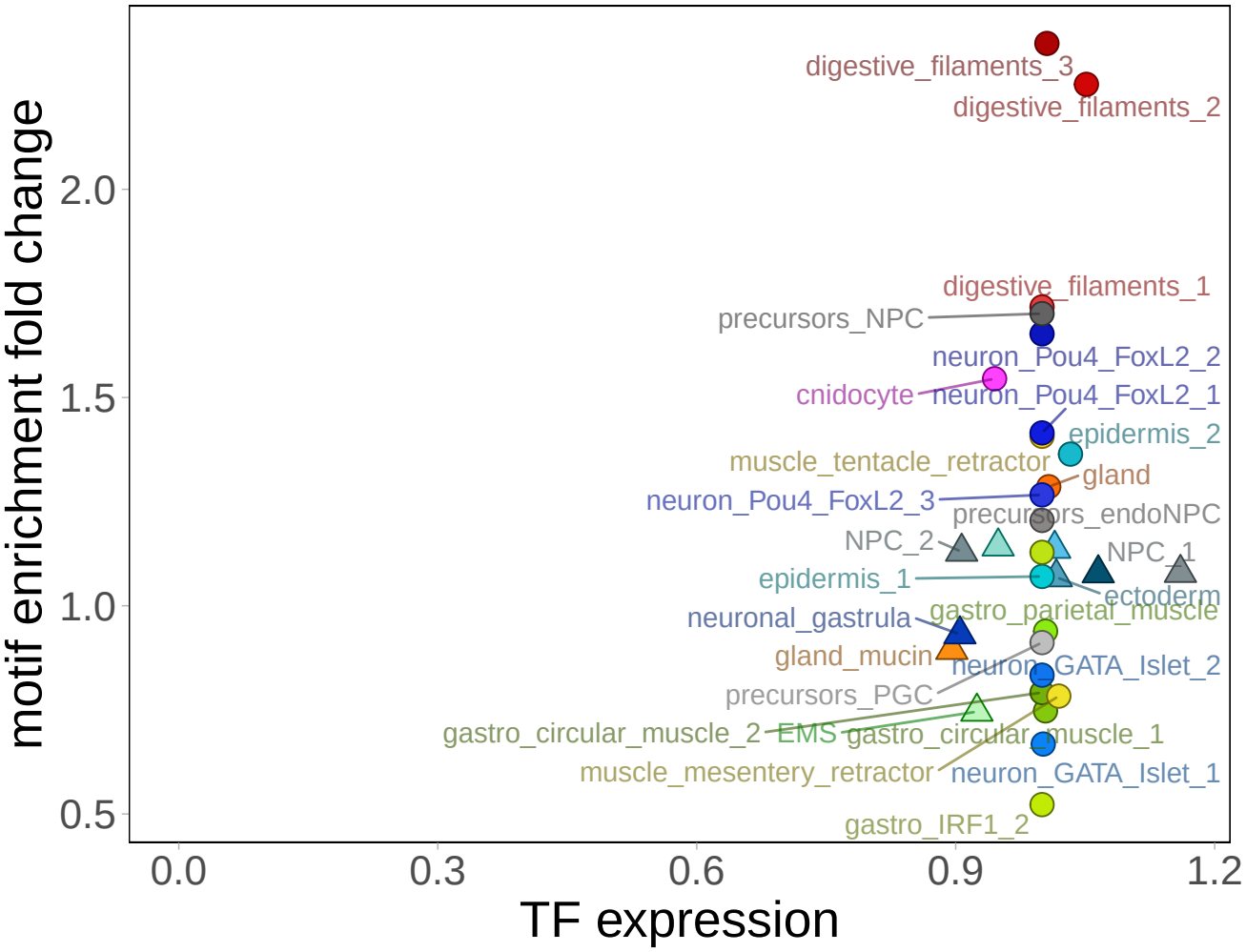
Nvec_vc1.1_XM_001624046.3
OG: Forkhead.HG1.33:like:FOXO1/FOXO3/FO
PFAM: Forkhead
motif: ARCH989_NFAT
TF family: Forkhead
archetype family:
CisBP assigned: FALSE
rank: 1189
gene expression correlation: 0.7387
gene score correlation: −0.0057



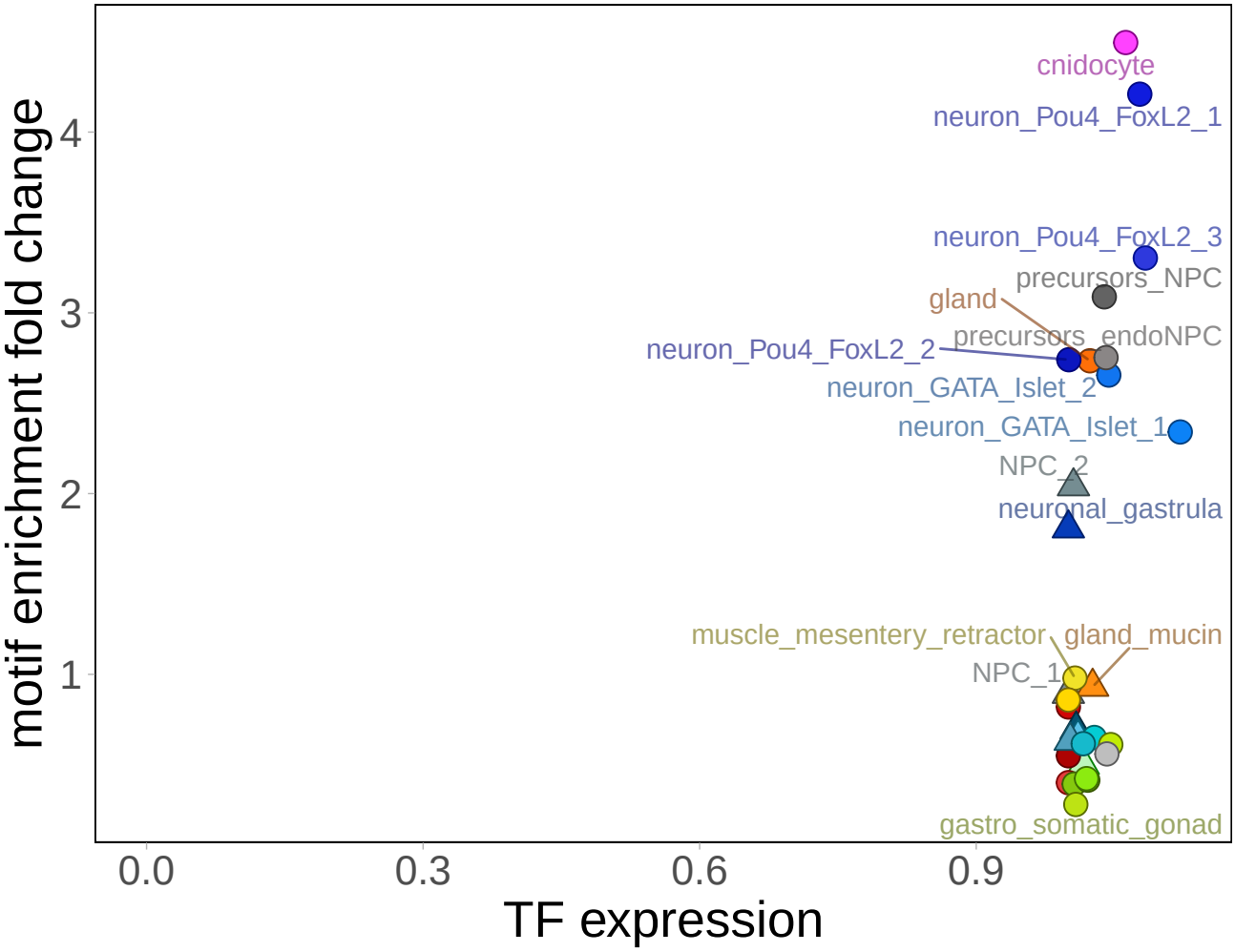
Nvec_vc1.1_XM_001624560.3
OG: Homeodomains.HG2.3:like:AC025287.4/A
PFAM: PAX/Homeodomain
motif: ARCH1033_slp1
TF family: Pax/Homeodomain
archetype family:
CisBP assigned: FALSE
rank: 1584
gene expression correlation: 0.2851
gene score correlation: −0.1142



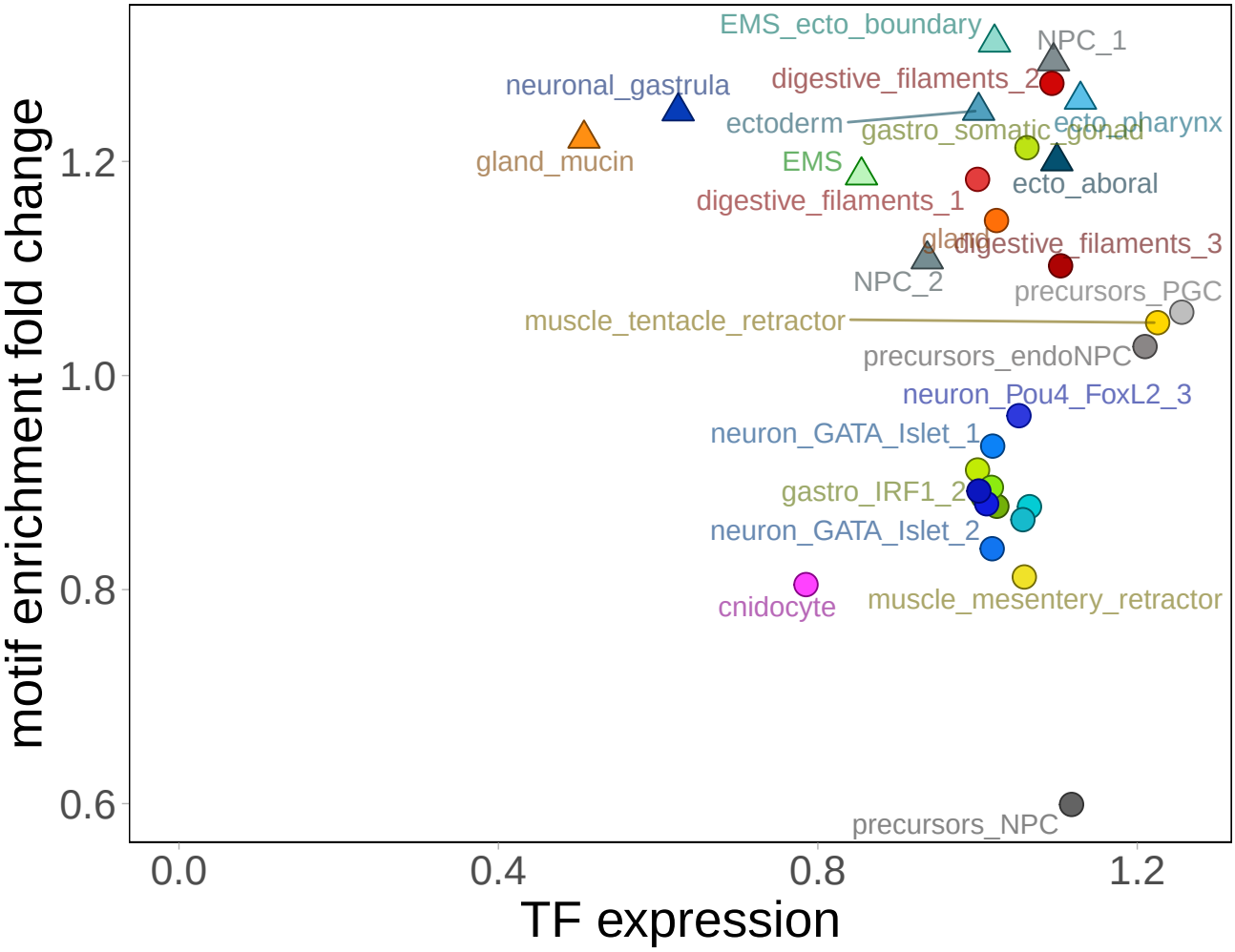
Nvec_vc1.1_XM_001624689.3
OG: Forkhead.HG1.26:FOXM1
PFAM: Forkhead
motif: ARCH968_Foxa3/Foxa1/Foxa2_F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 12
gene expression correlation: 0.1662
gene score correlation: 0.1444



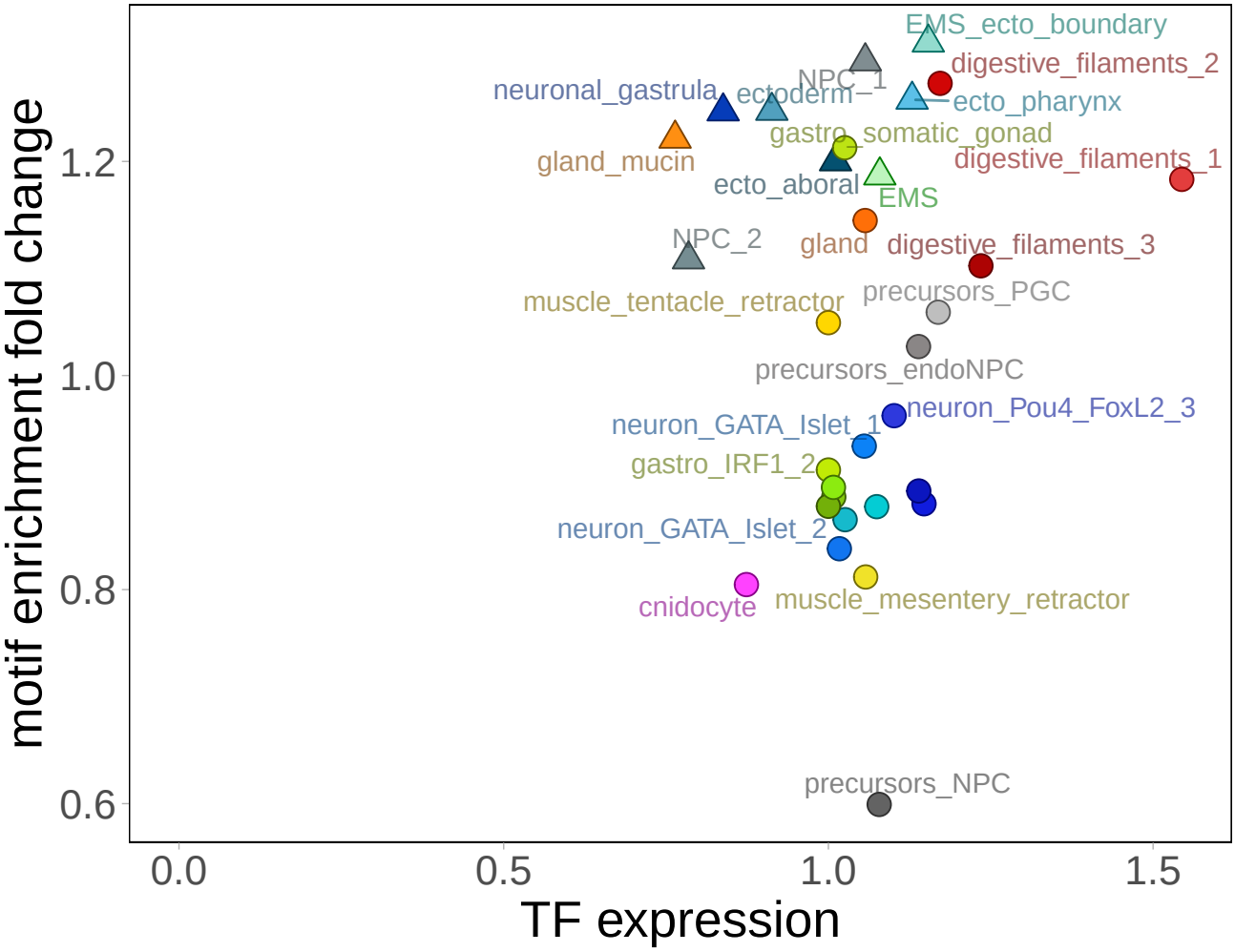
Nvec_vc1.1_XM_001624941.3
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH470_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 893
gene expression correlation: 0.6067
gene score correlation: −0.1393



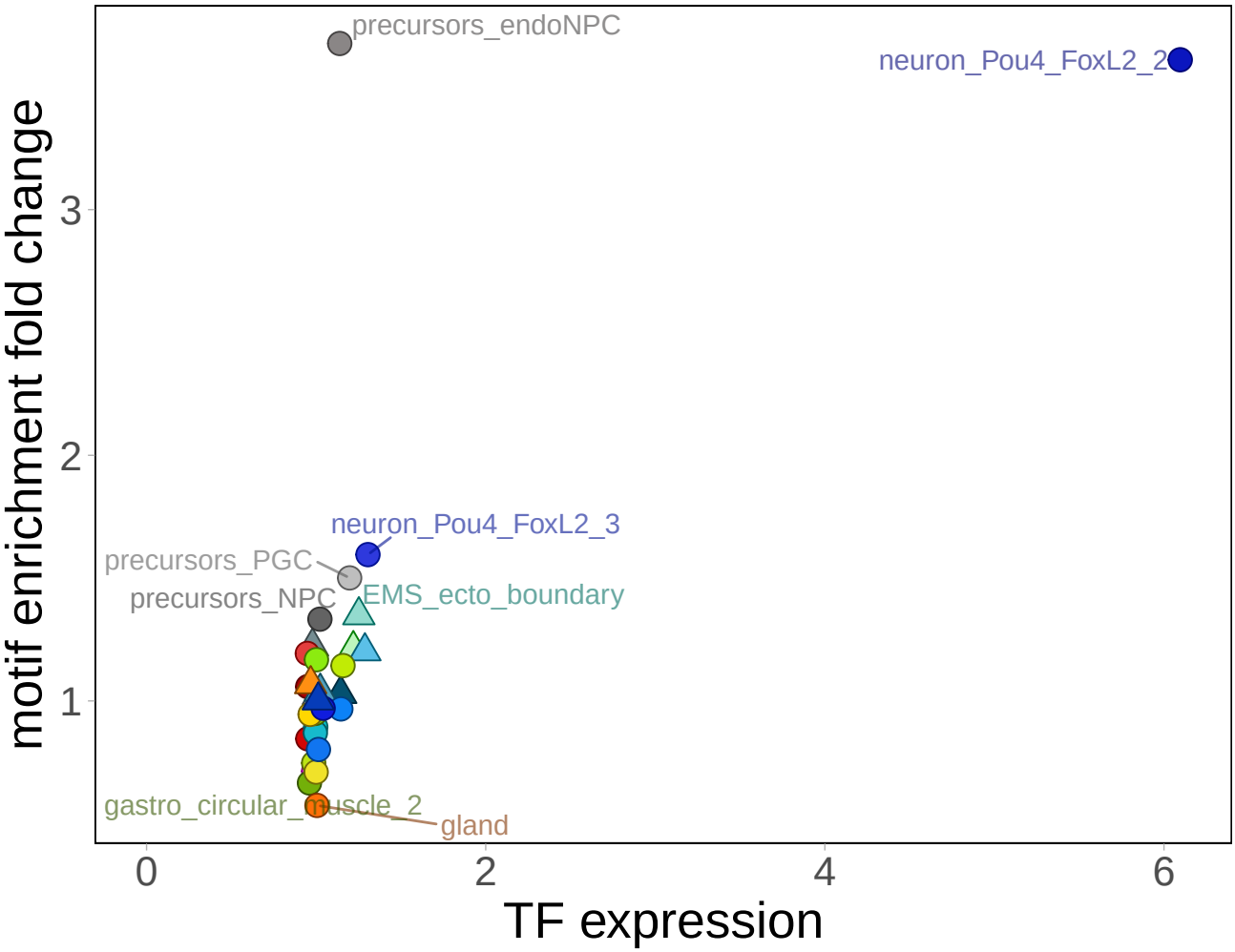
Nvec_vc1.1_XM_001625254.3
OG: HMGbox_Sox.HG1.55:TFAM/UBTFL1
PFAM: HMG_box/HMG_box
motif: ARCH604_YER051W
TF family: HMGbox_Sox
archetype family:
CisBP assigned: FALSE
rank: 142
gene expression correlation: −0.1490
gene score correlation: −0.3759



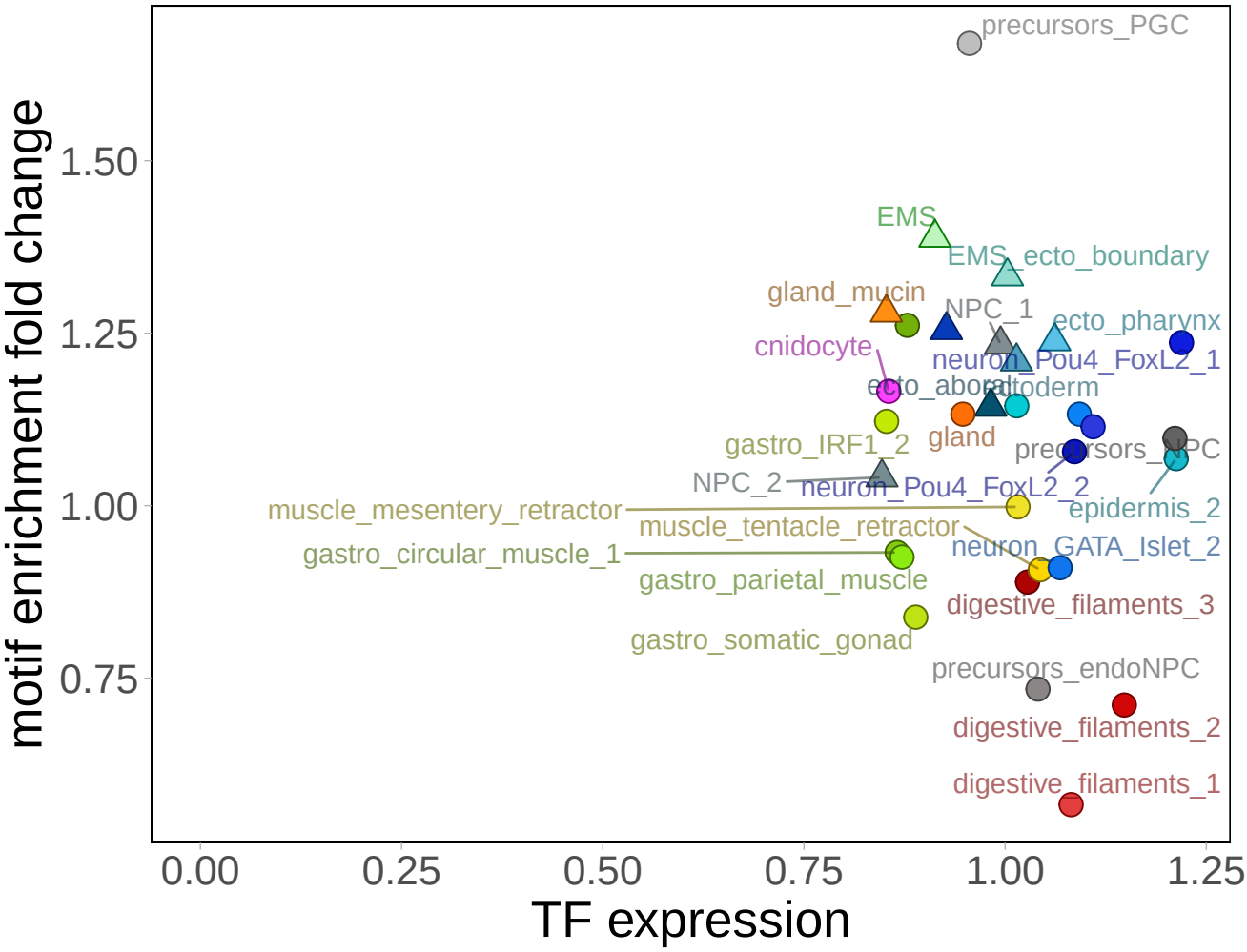
Nvec_vc1.1_XM_001625437.3
OG: Myb.HG2.3:NA
PFAM: MADF_DNA_bdg
motif: ARCH604_YER051W
TF family: Myb
archetype family:
CisBP assigned: FALSE
rank: 149
gene expression correlation: 0.0490
gene score correlation: 0.3021



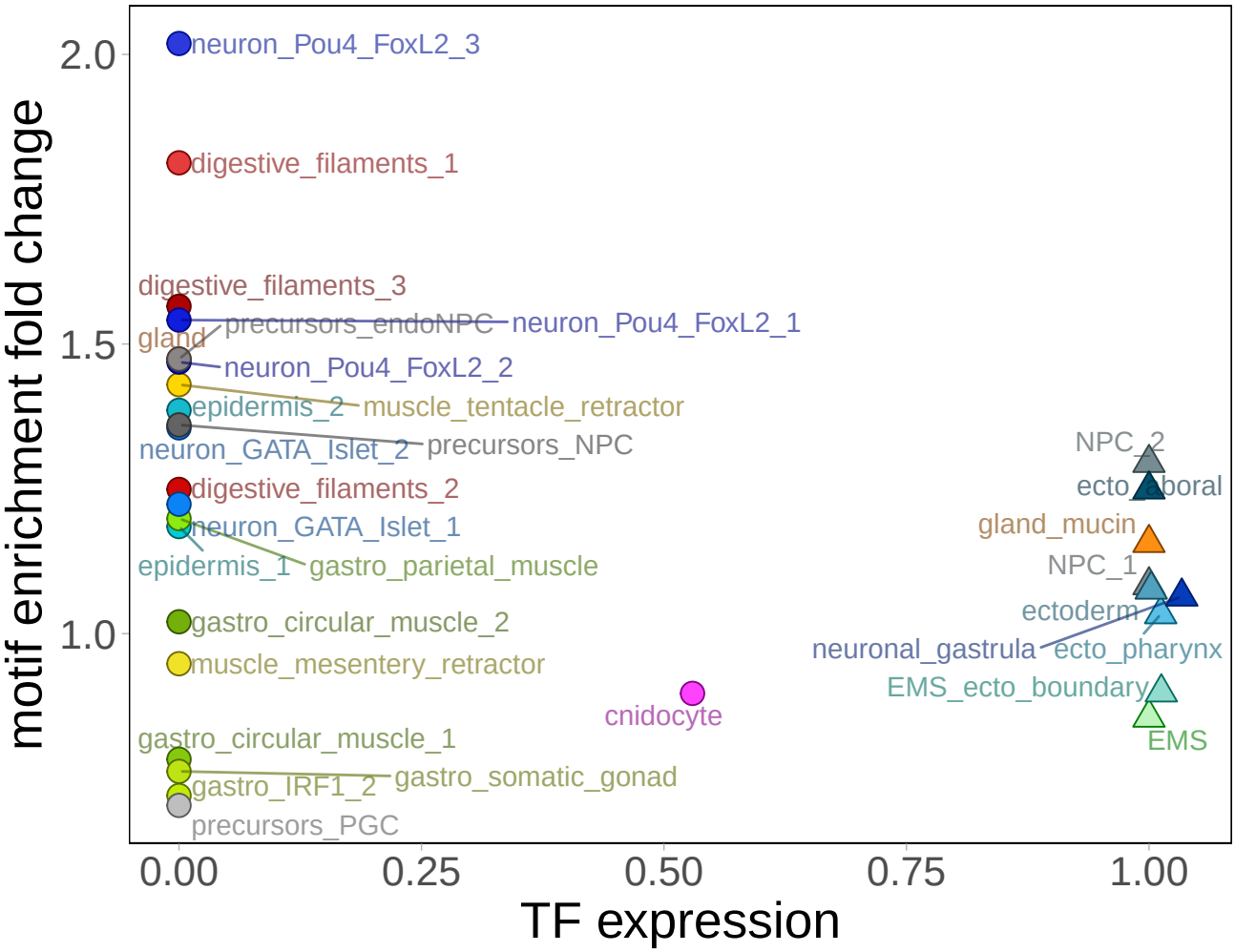
Nvec_vc1.1_XM_001625588.3
OG: Runt_Runx.HG1.0:RUNX1/RUNX2/RUNX
PFAM: Runt
motif: ARCH1267_Runx3/Runx2/Runx1
TF family: Runt_Runx
archetype family: Runt_Runx
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.6770
gene score correlation: 0.8013



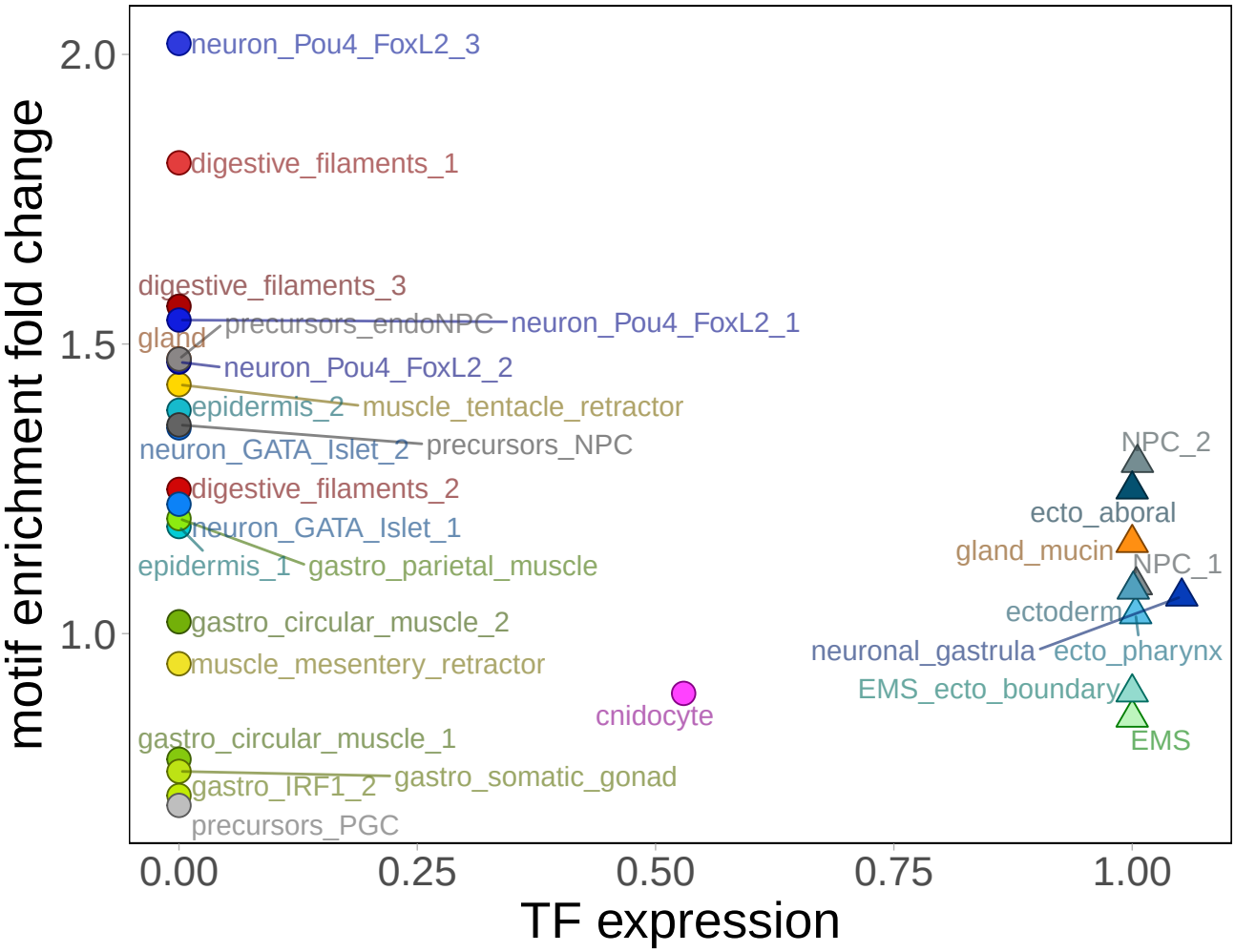
Nvec_vc1.1_XM_001625700.3
OG: NRF1.HG1.2:NRF1
PFAM: Nrf1_DNA−bind/Nrf1_activ_bdg
motif: ARCH913_Nrf1
TF family: NRF1
archetype family: NRF1
CisBP assigned: TRUE
rank: 1517
gene expression correlation: −0.2014
gene score correlation: −0.2484



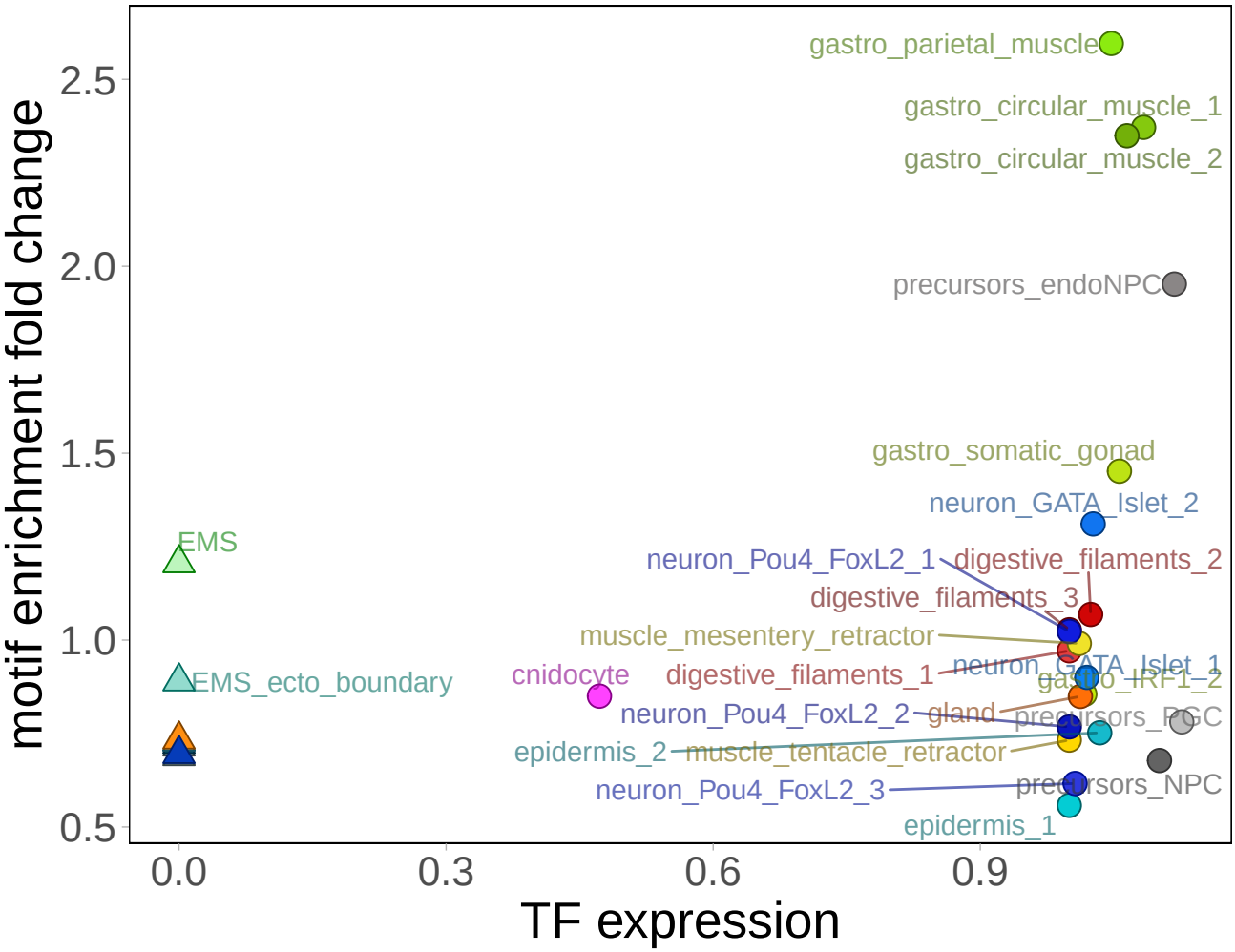
Nvec_vc1.1_XM_001625754.3
OG: Homeodomains.HG2.6:like:AC025287.4/A
PFAM: Homeodomain
motif: ARCH271_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 71
gene expression correlation: −0.2937
gene score correlation: −0.2926



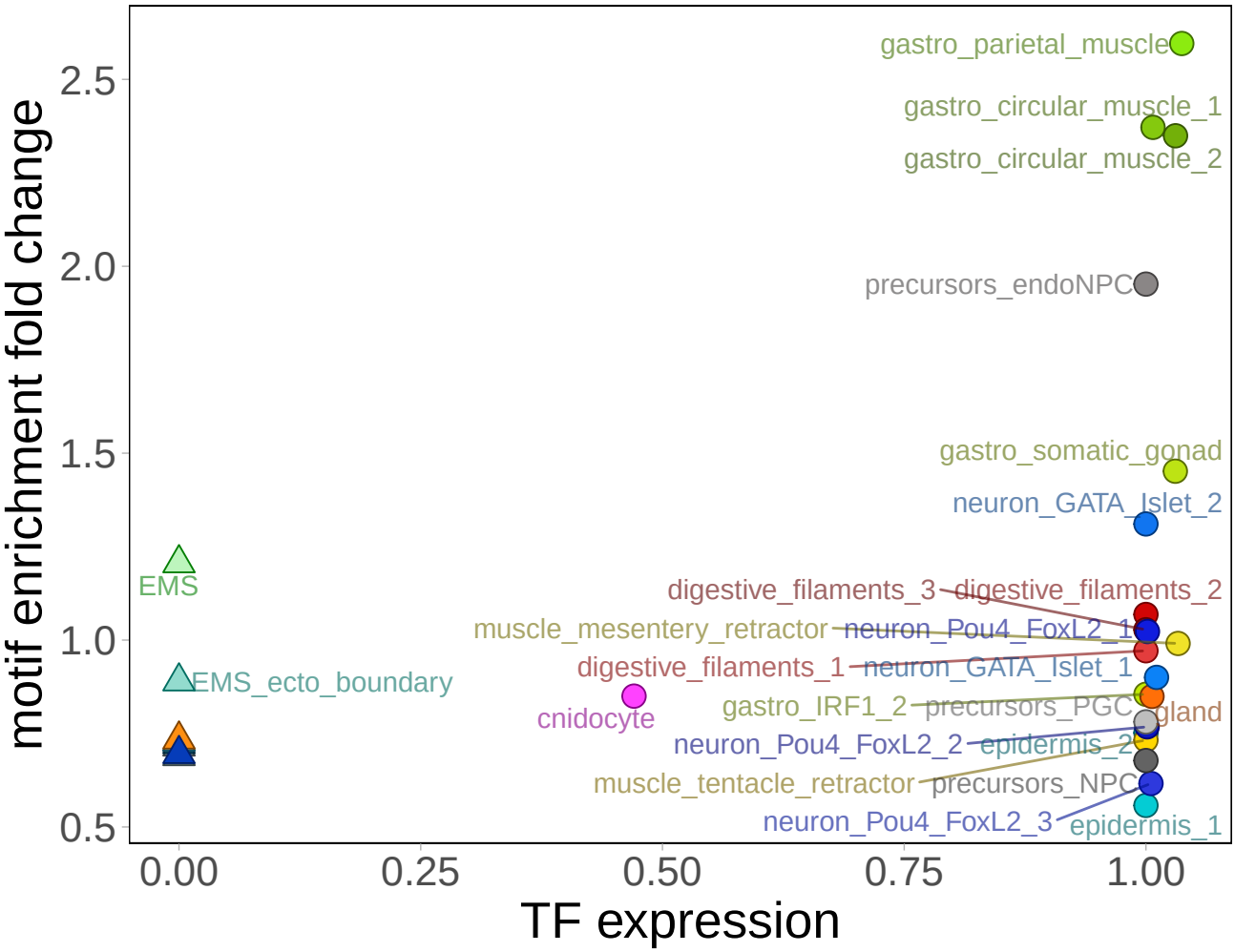
Nvec_vc1.1_XM_001625768.3
OG: Homeodomains.HG1.5:like:AC004080.3/A
PFAM: Homeodomain
motif: ARCH271_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 69
gene expression correlation: −0.2928
gene score correlation: −0.2884



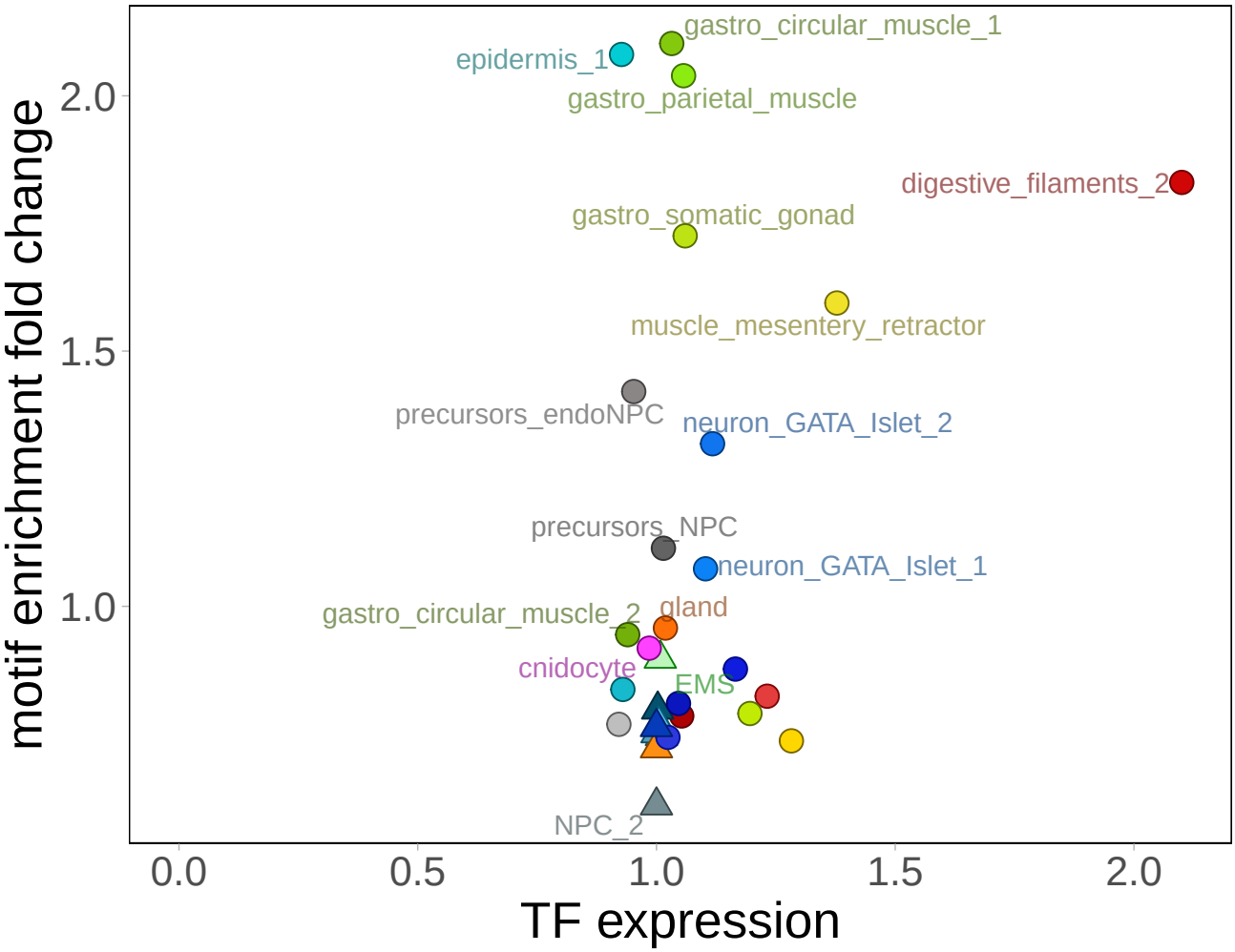
Nvec_vc1.1_XM_001625898.3
OG: Homeodomains.HG1.62:like:MEOX1/MEO
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3561
gene score correlation: 0.7651



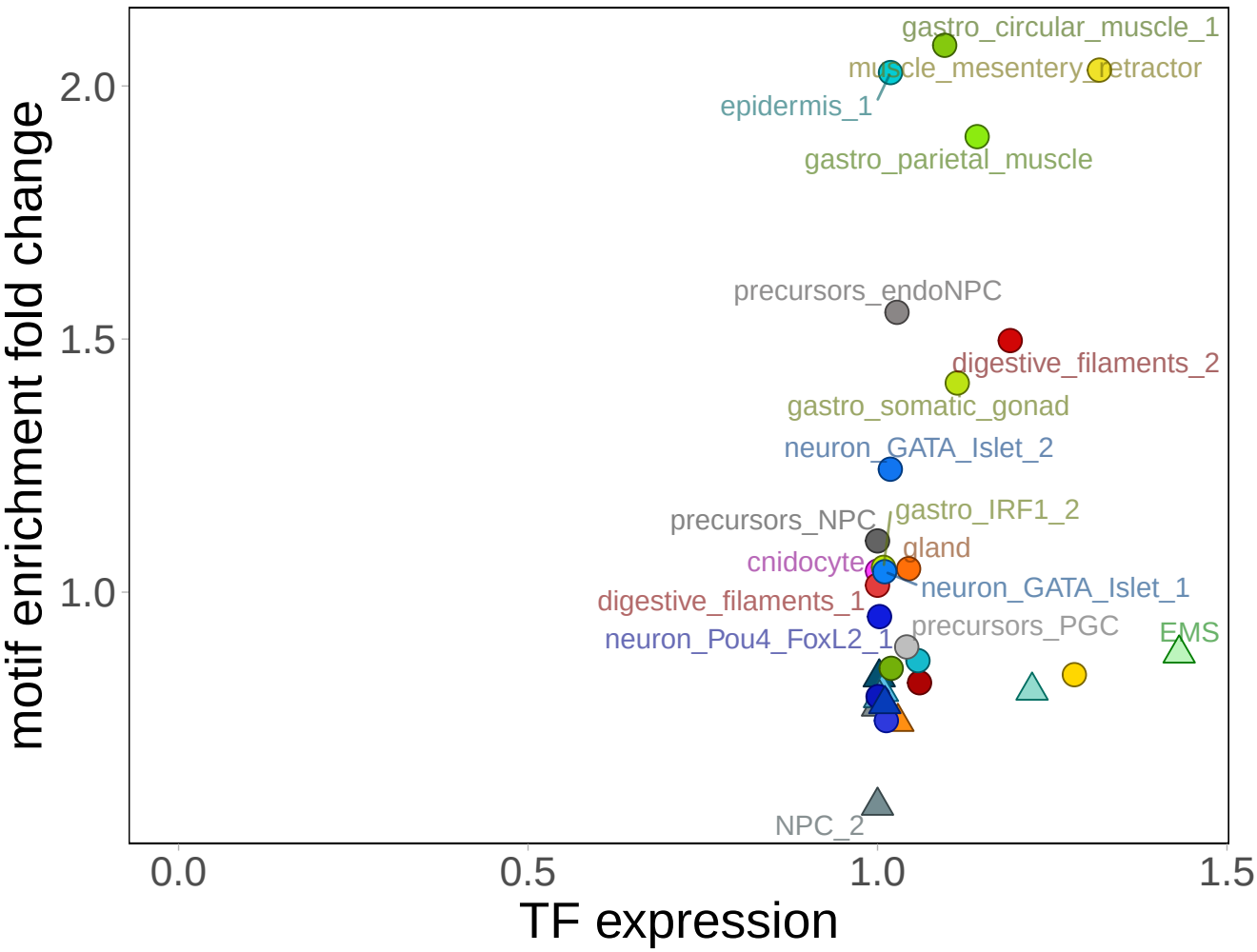
Nvec_vc1.1_XM_001625899.3
OG: Homeodomains.HG1.65:like:MEOX1/MEO
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3407
gene score correlation: 0.8119



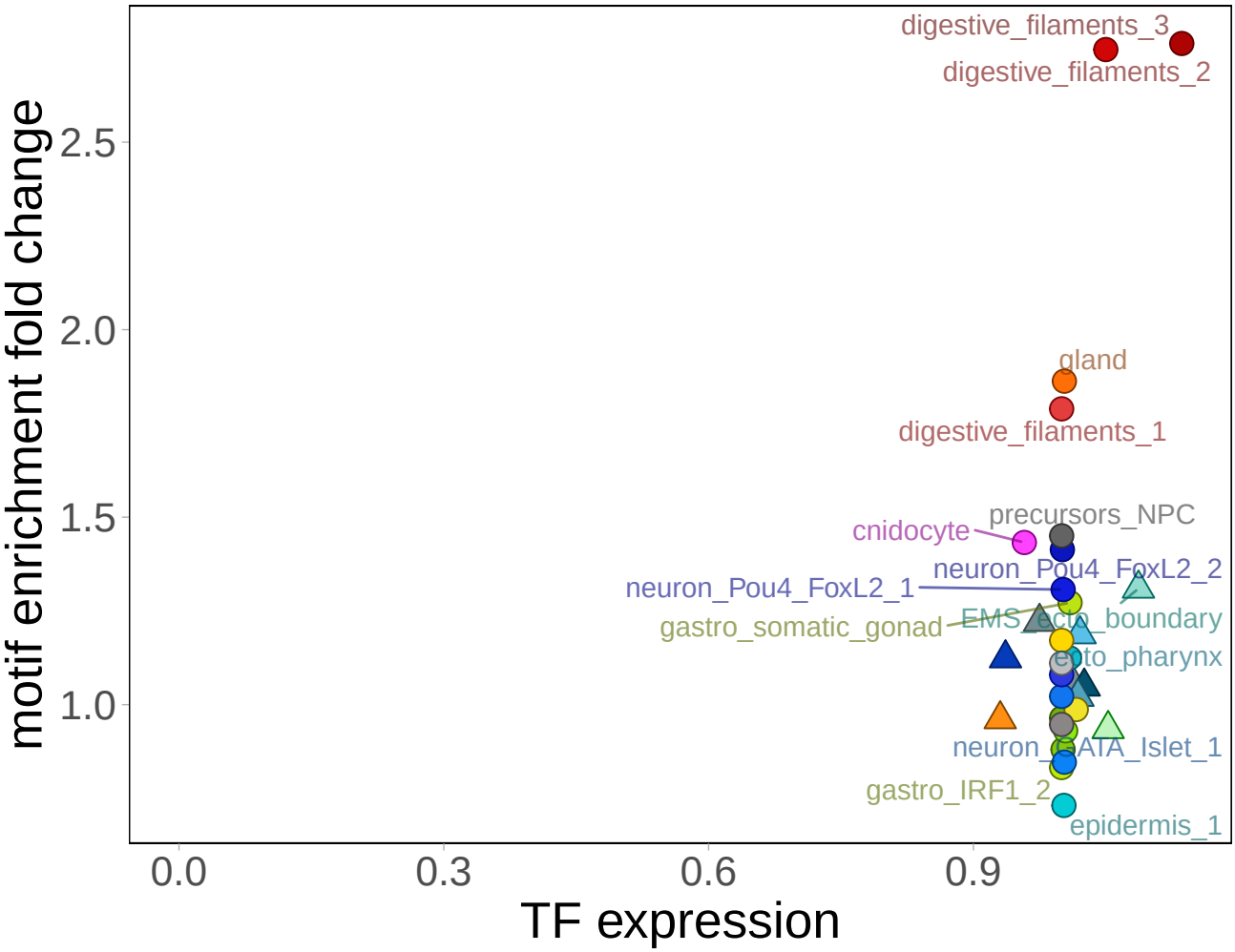
Nvec_vc1.1_XM_001625997.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH1521_Nkx2−2/Nkx2−9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.2967
gene score correlation: 0.6630



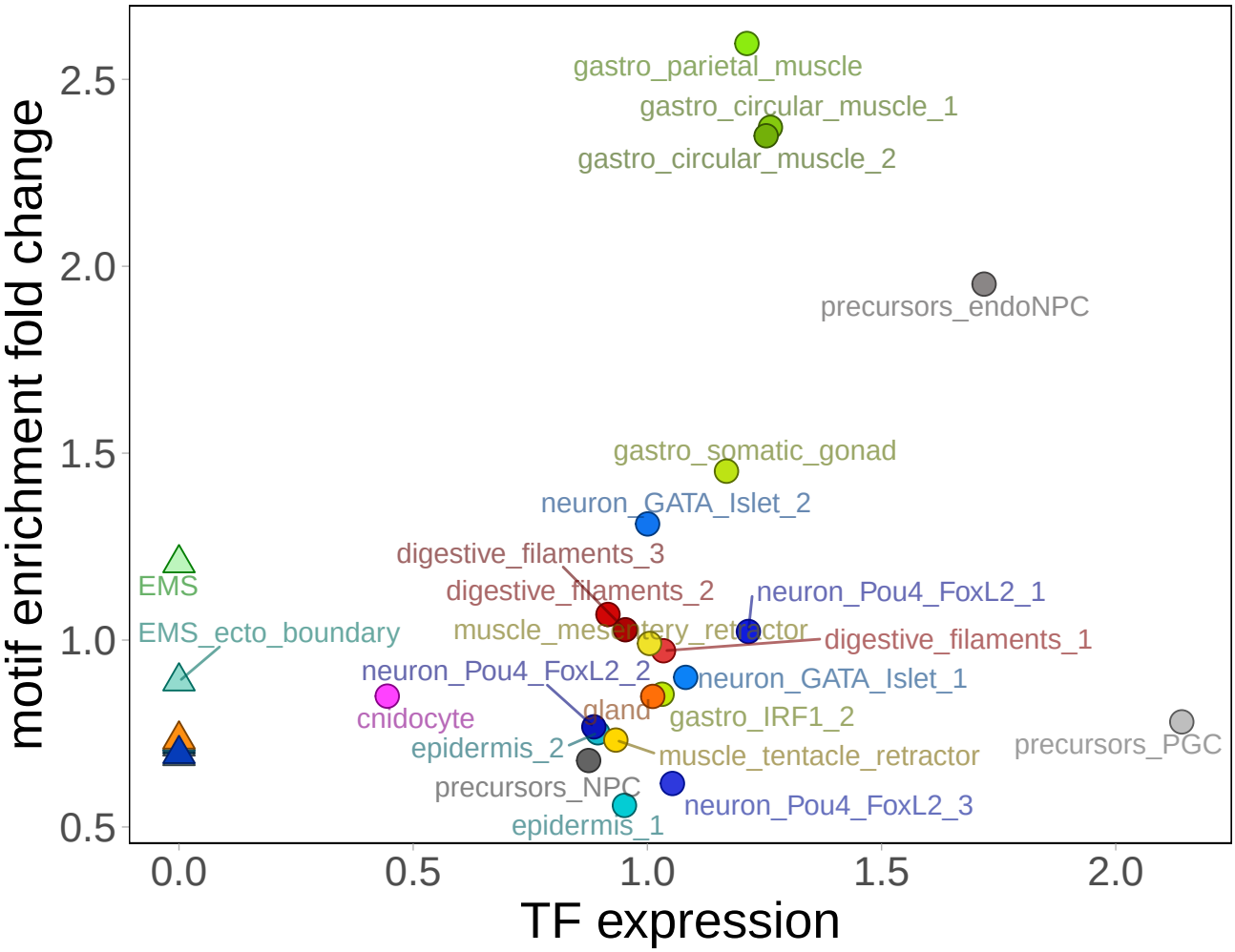
Nvec_vc1.1_XM_001625998.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH167_Nanog
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2643
gene score correlation: 0.6457



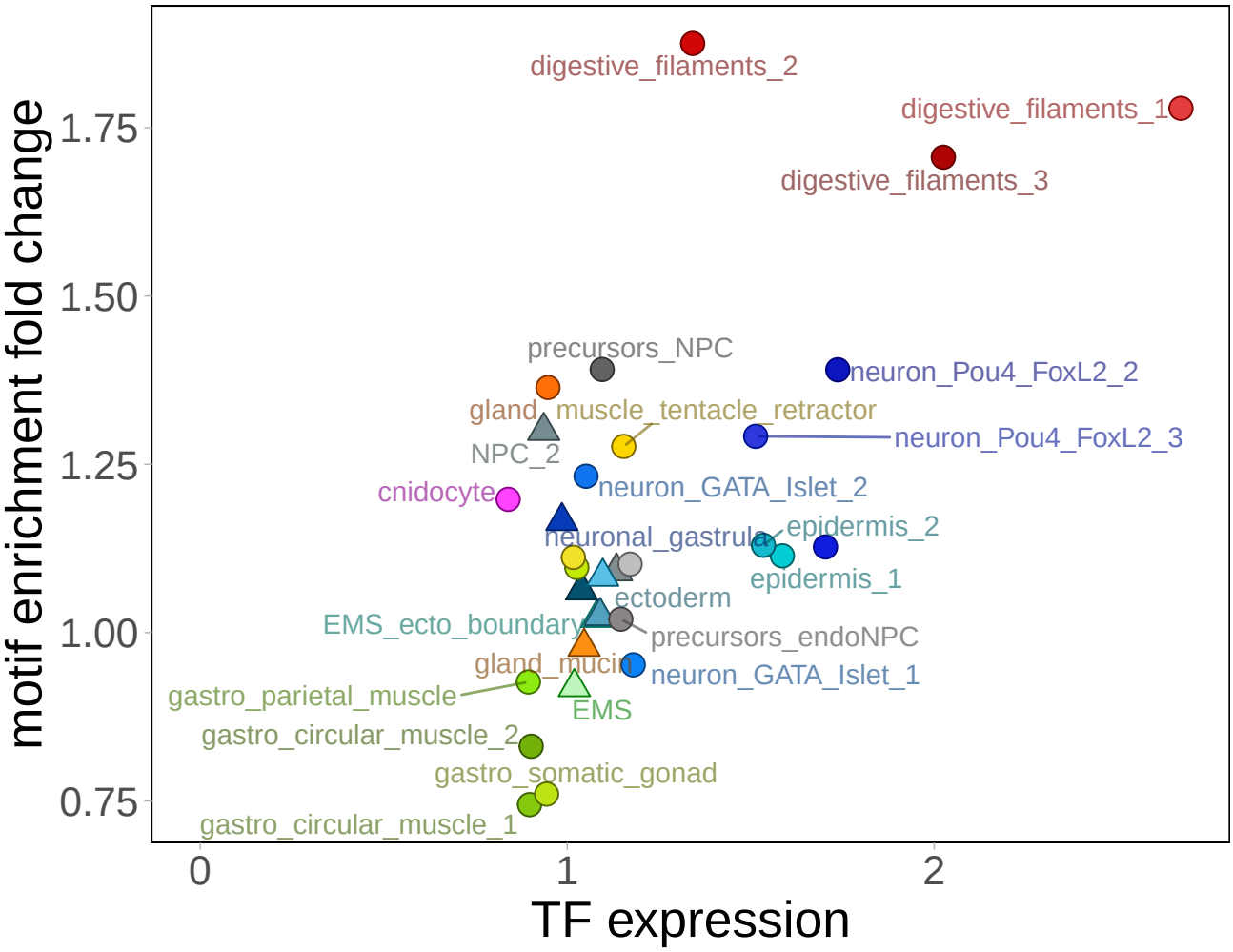
Nvec_vc1.1_XM_001626351.3
OG: mTERF.HG1.1:MTERF1/MTERF2
PFAM: mTERF
motif: ARCH888_Foxo1
TF family: mTERF
archetype family:
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5033
gene score correlation: 0.8252



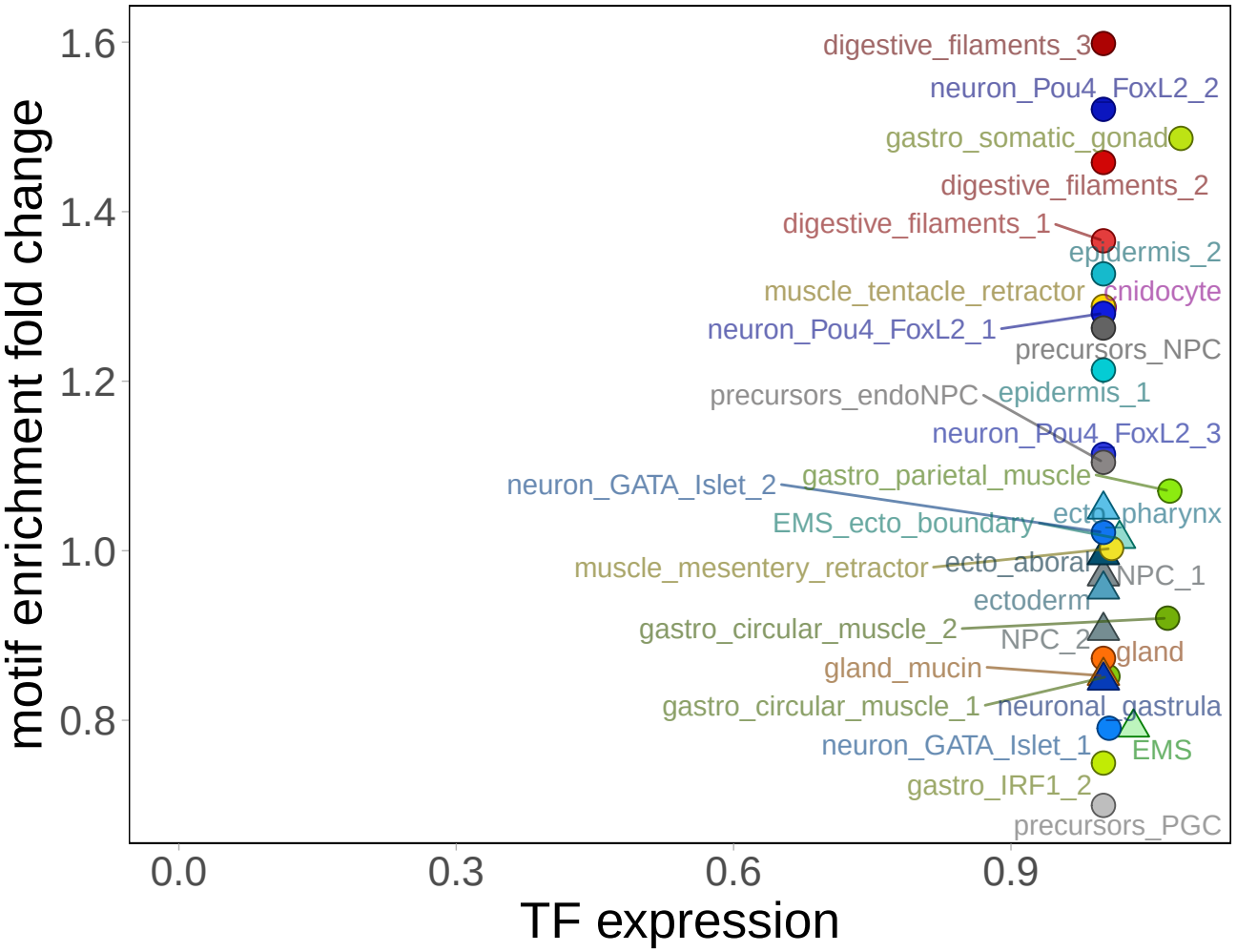
Nvec_vc1.1_XM_001626384.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4268
gene score correlation: 0.9079



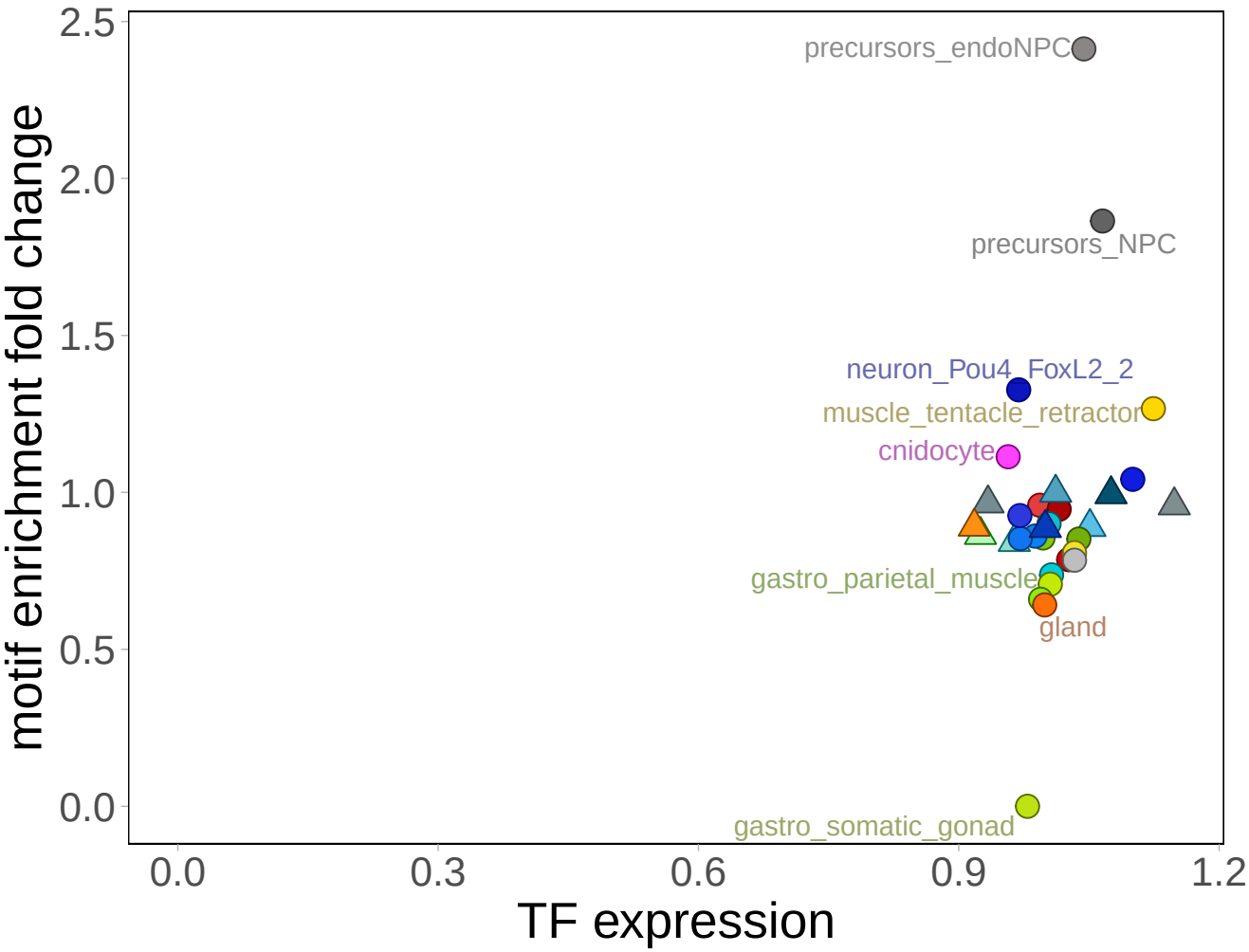
Nvec_vc1.1_XM_001627049.3
OG: HLH.HG1.19:HELT
PFAM: HLH/Hairy_orange
motif: ARCH719_fkh
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 192
gene expression correlation: 0.6383
gene score correlation: 0.0484



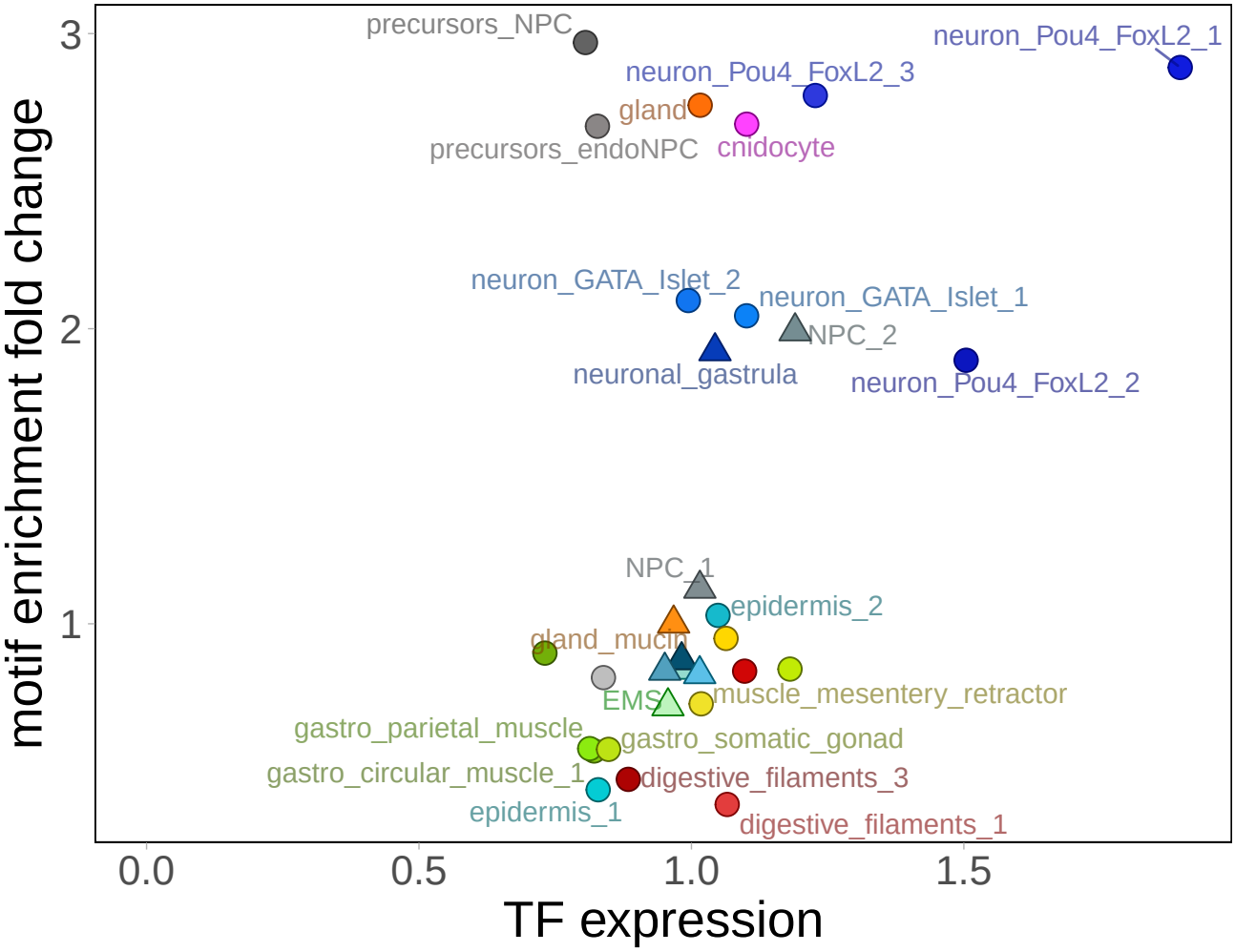
Nvec_vc1.1_XM_001627072.3
OG: Forkhead.HG1.17:like:FOXI1/FOXI2/FOXI
PFAM: Forkhead
motif: ARCH1016_Foxa3/Foxa1/Foxa2_...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 486
gene expression correlation: 0.0396
gene score correlation: −0.0422



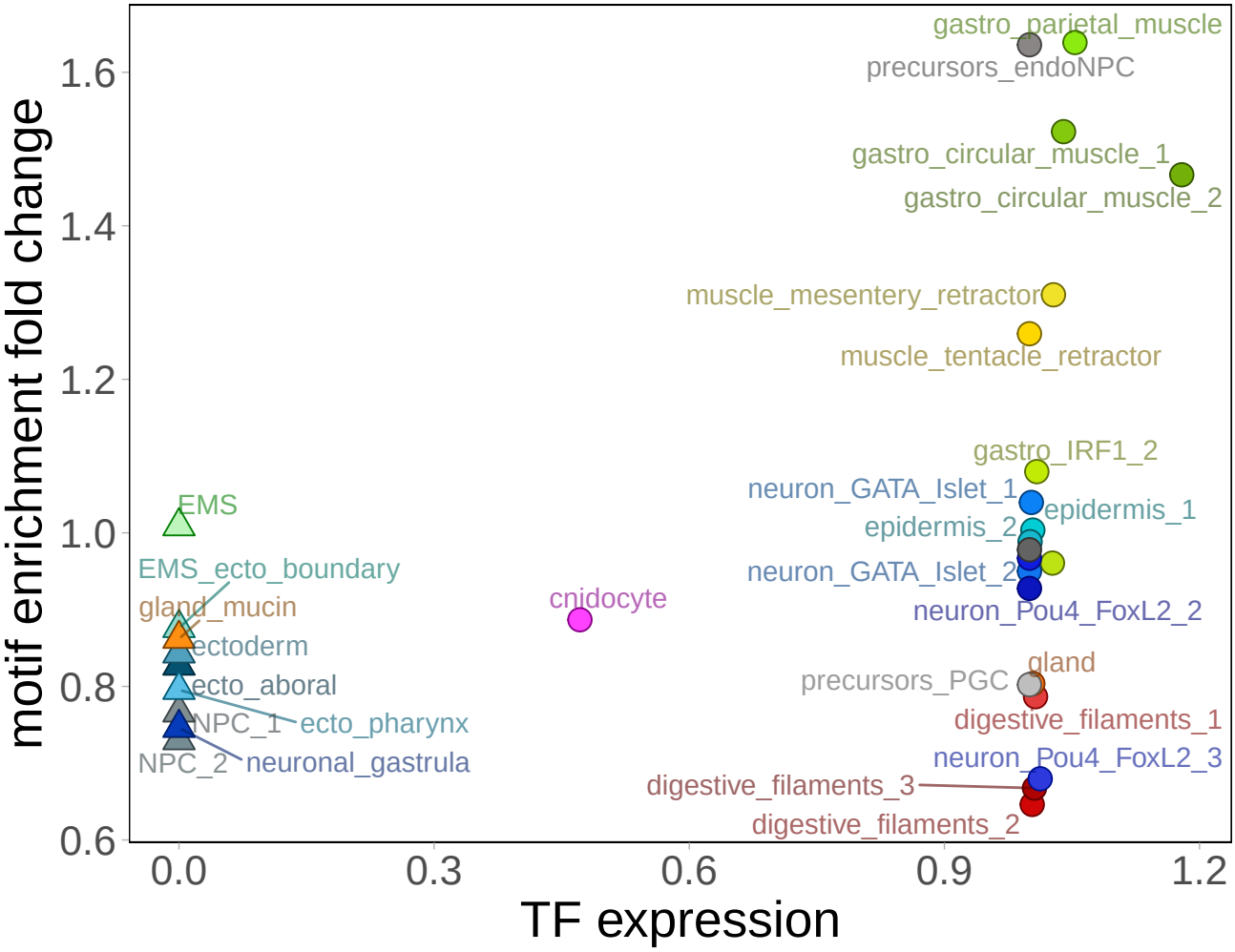
Nvec_vc1.1_XM_001627361.3
OG: zf−C2H2.HG74.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH624_MYB40
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 577
gene expression correlation: 0.2766
gene score correlation: 0.0917



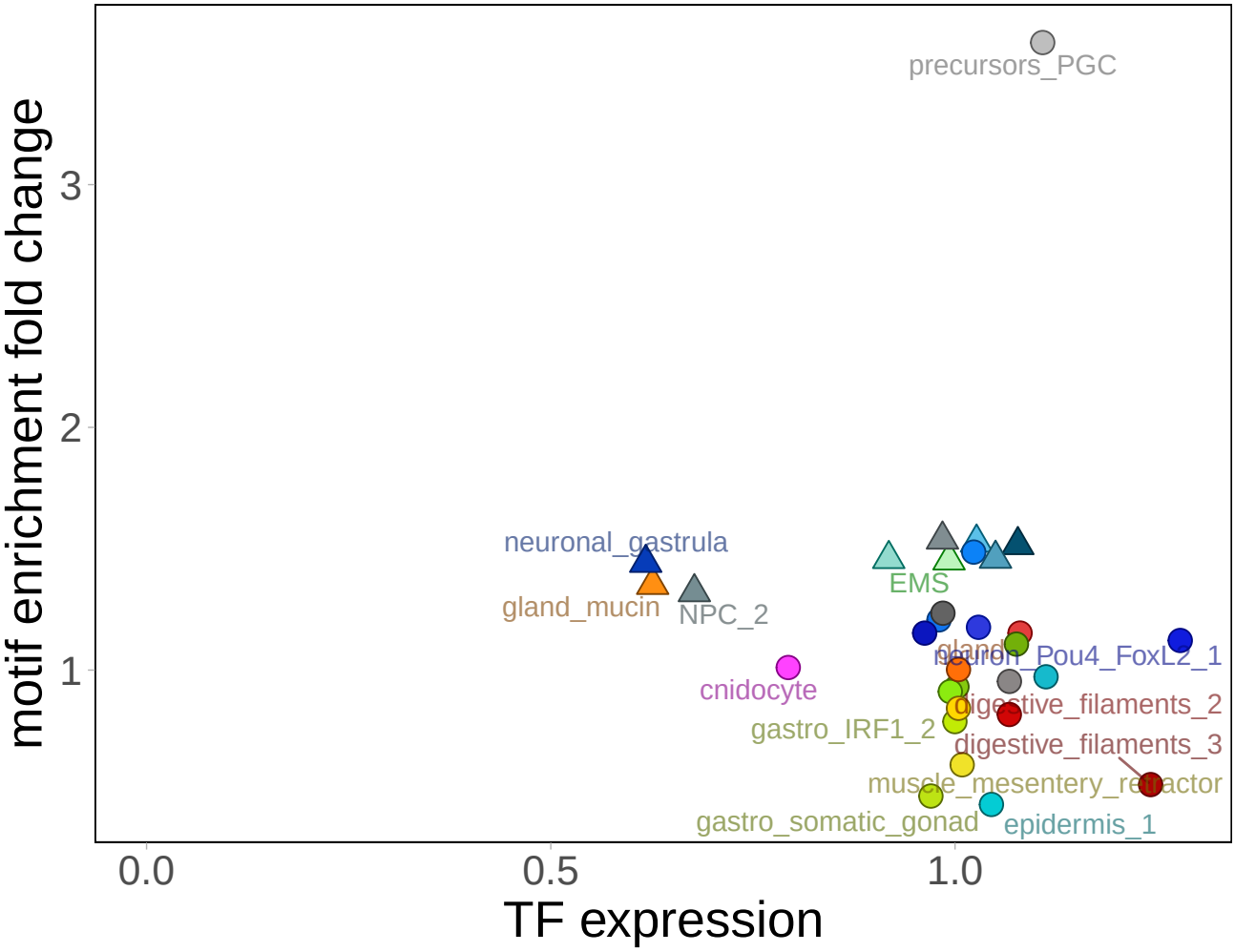
Nvec_vc1.1_XM_001627423.3
OG: HMGbox_Sox.HG1.10:BBX
PFAM: HMG_box
motif: ARCH482_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 18
gene expression correlation: 0.4279
gene score correlation: 0.4255



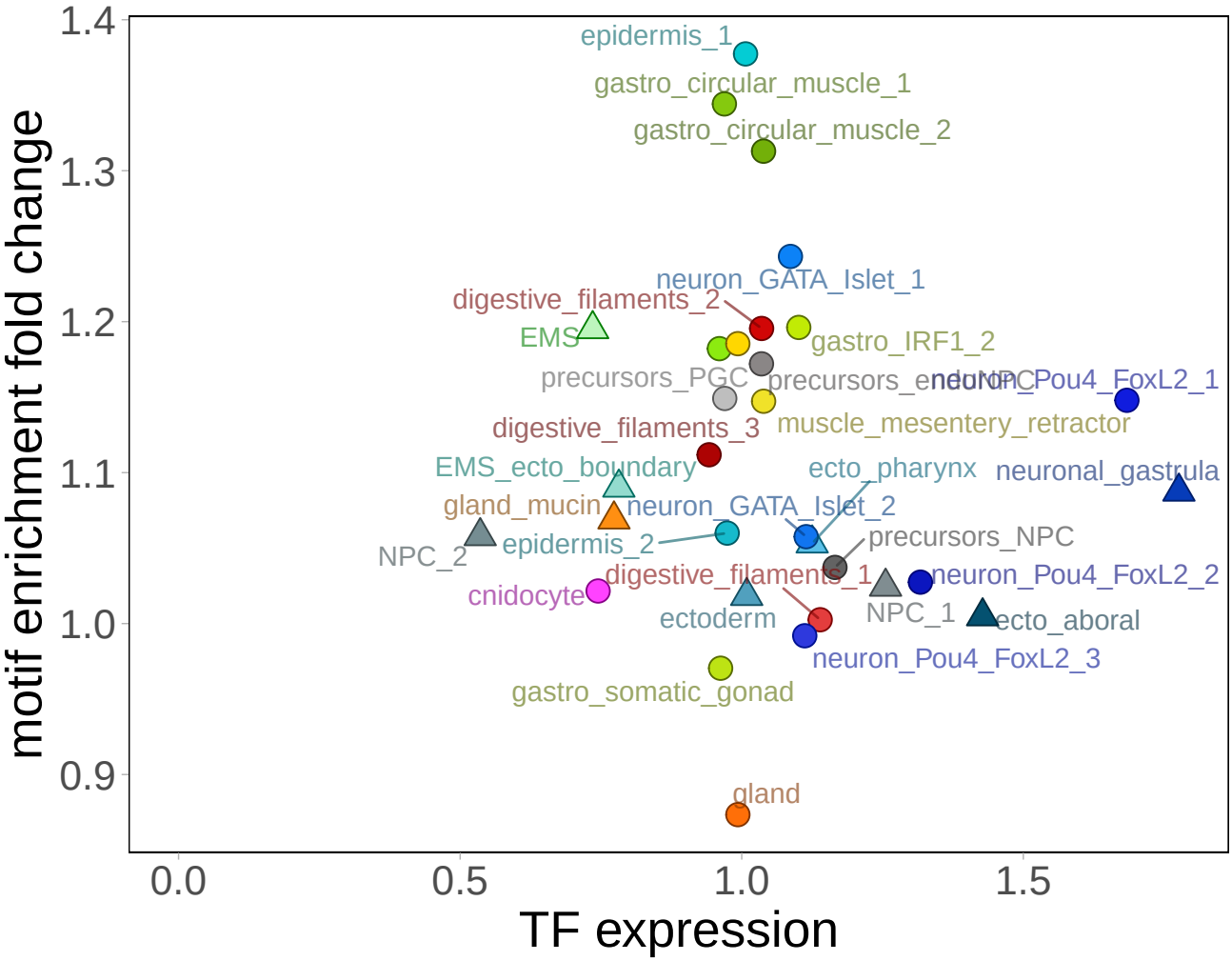
Nvec_vc1.1_XM_001627544.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain
motif: ARCH637_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.4081
gene score correlation: 0.7021



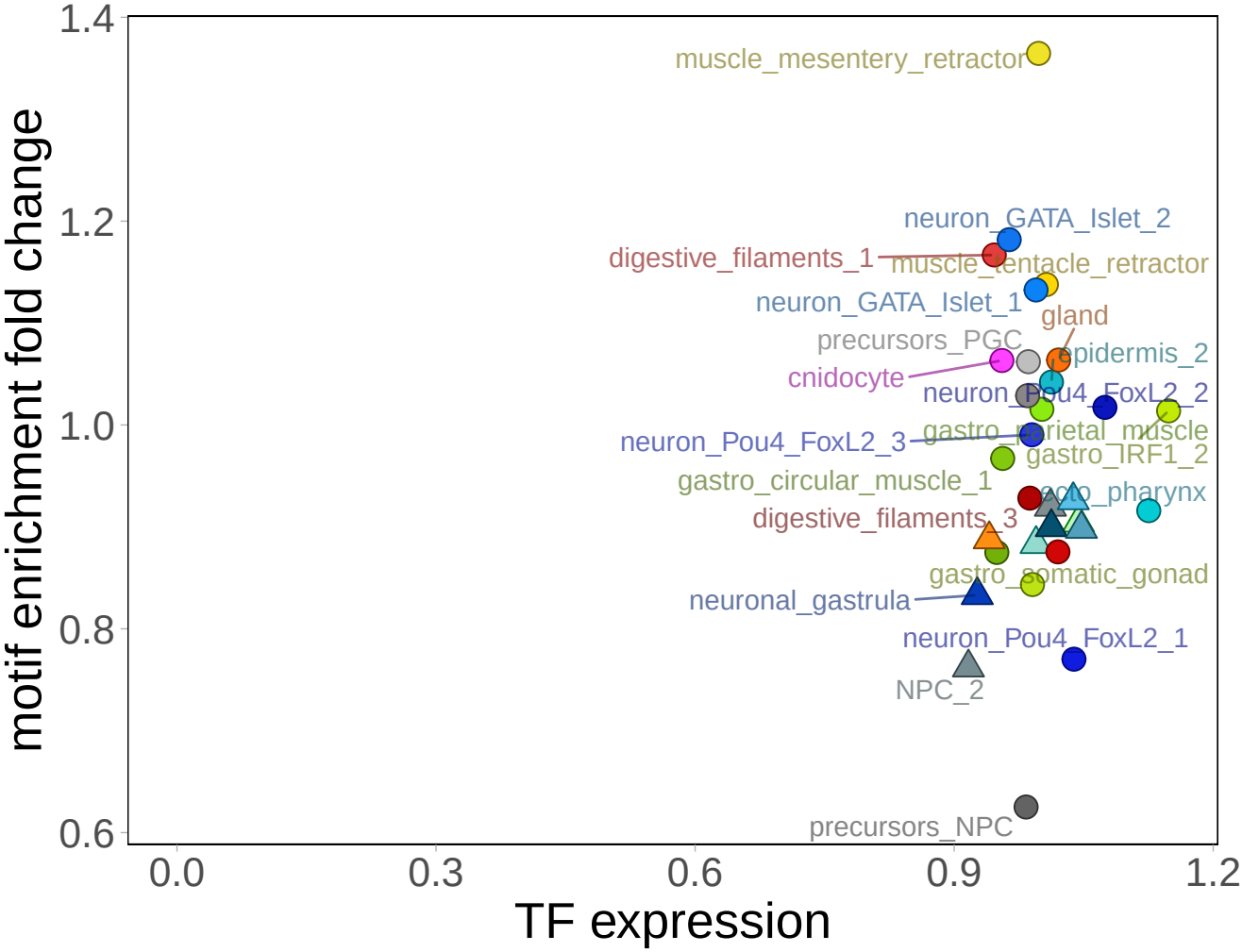
Nvec_vc1.1_XM_001627662.3
OG: E2F_TDP.HG1.3:E2F4/E2F5
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 286
gene expression correlation: −0.0630
gene score correlation: 0.1327



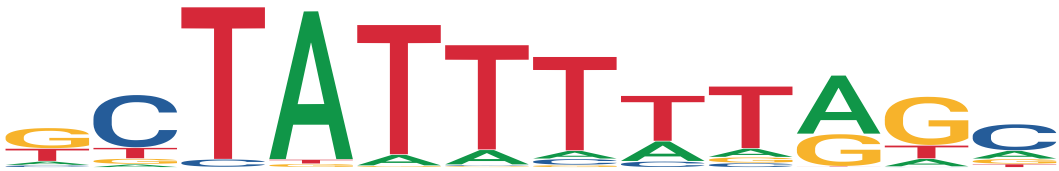
Nvec_vc1.1_XM_001627792.3
OG: Forkhead.HG1.12:FOXN1/FOXN4/FOXR1
PFAM: Forkhead
motif: ARCH954_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 1632
gene expression correlation: −0.0795
gene score correlation: −0.0965

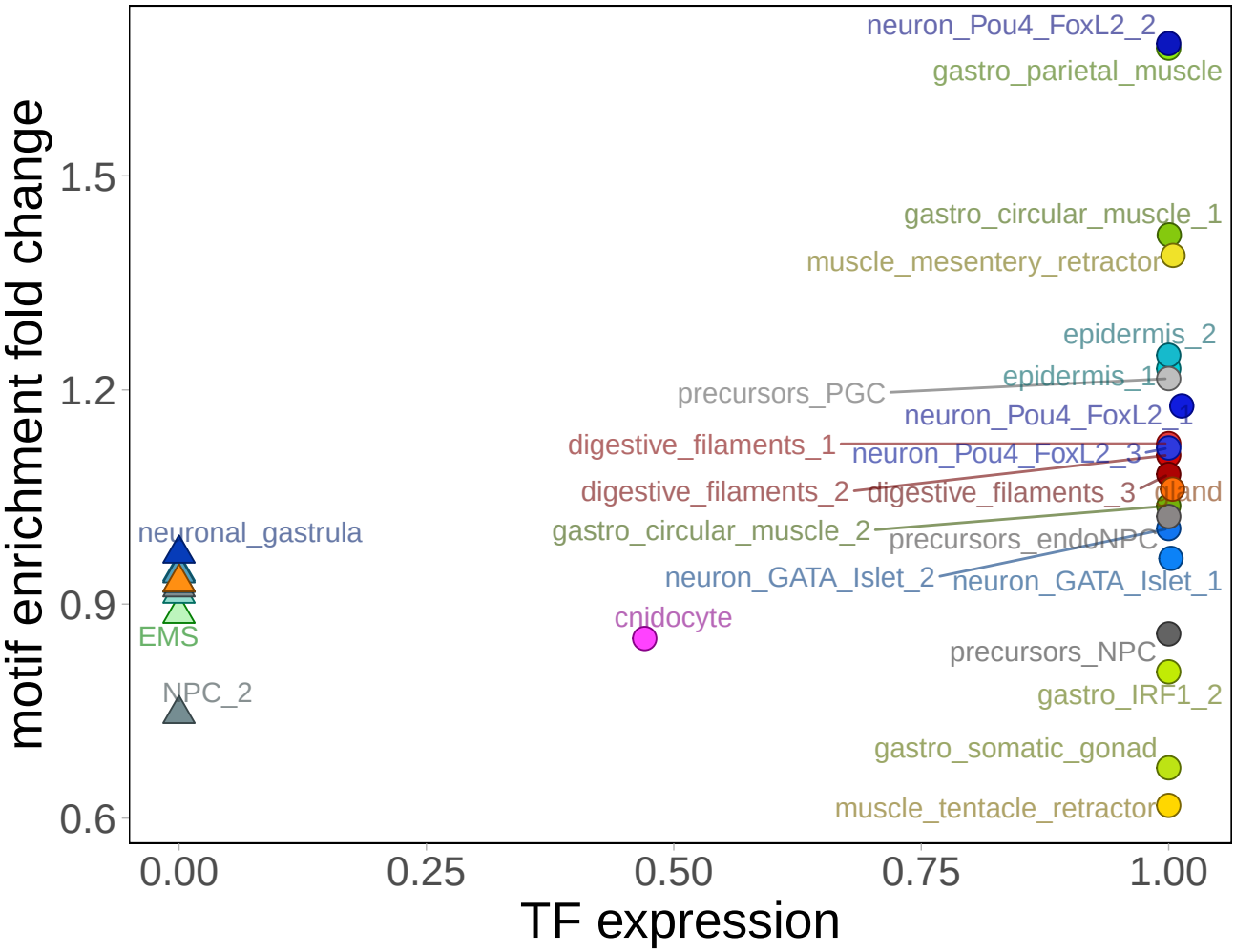


Nvec_vc1.1_XM_001627907.3
OG: zf−C2H2.HG1.8:ZNF18/ZNF513/ZNF784/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 50
gene expression correlation: 0.0317
gene score correlation: 0.3671

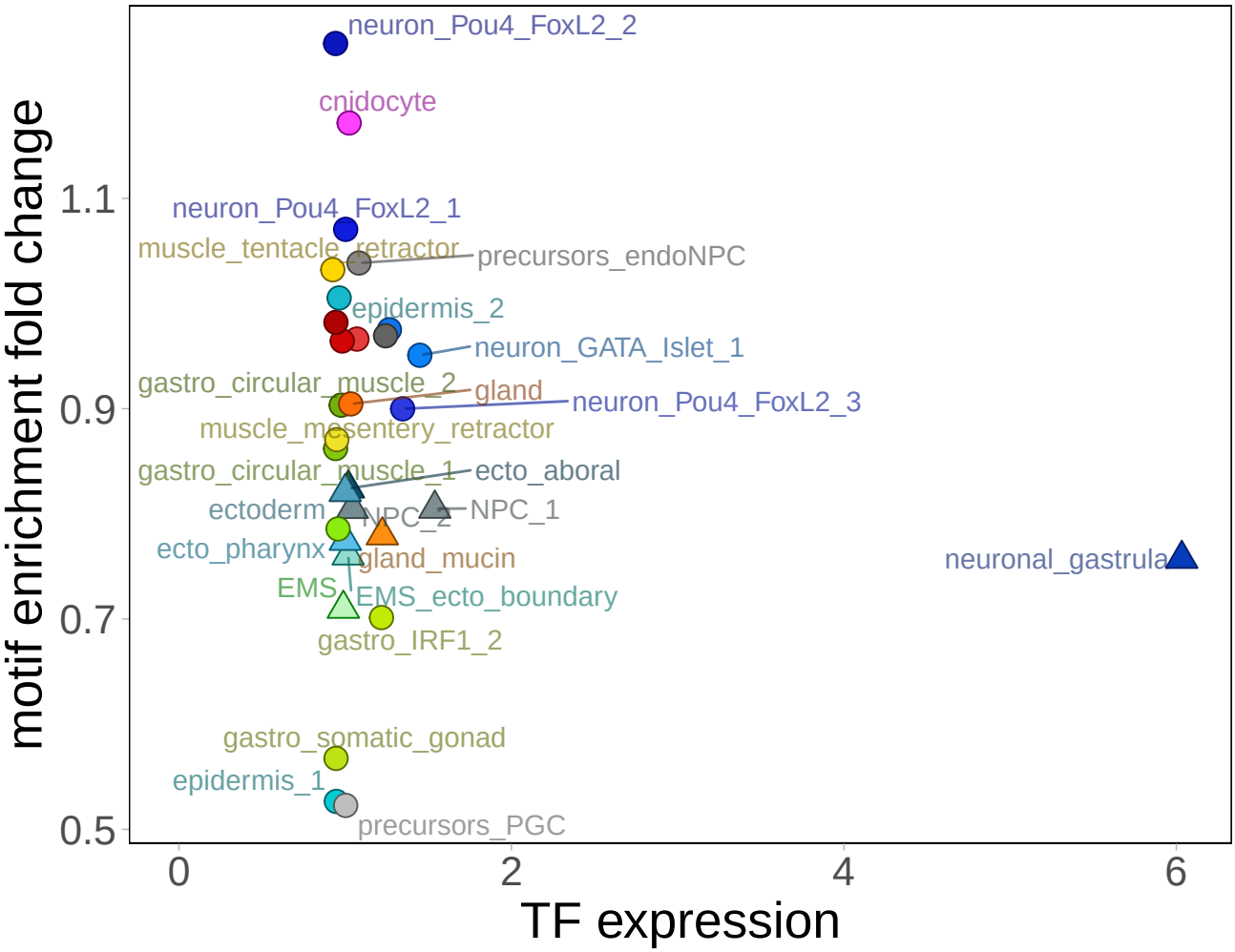


Nvec_vc1.1_XM_001628041.3
OG: HMGbox_Sox.HG1.24:HMGB1/HMGB2/H
PFAM: HMG_box_2/HMG_box
motif: ARCH1106_Mef2d
TF family: HMGbox_Sox
archetype family:
CisBP assigned: FALSE
rank: 218
gene expression correlation: 0.3978
gene score correlation: 0.4905

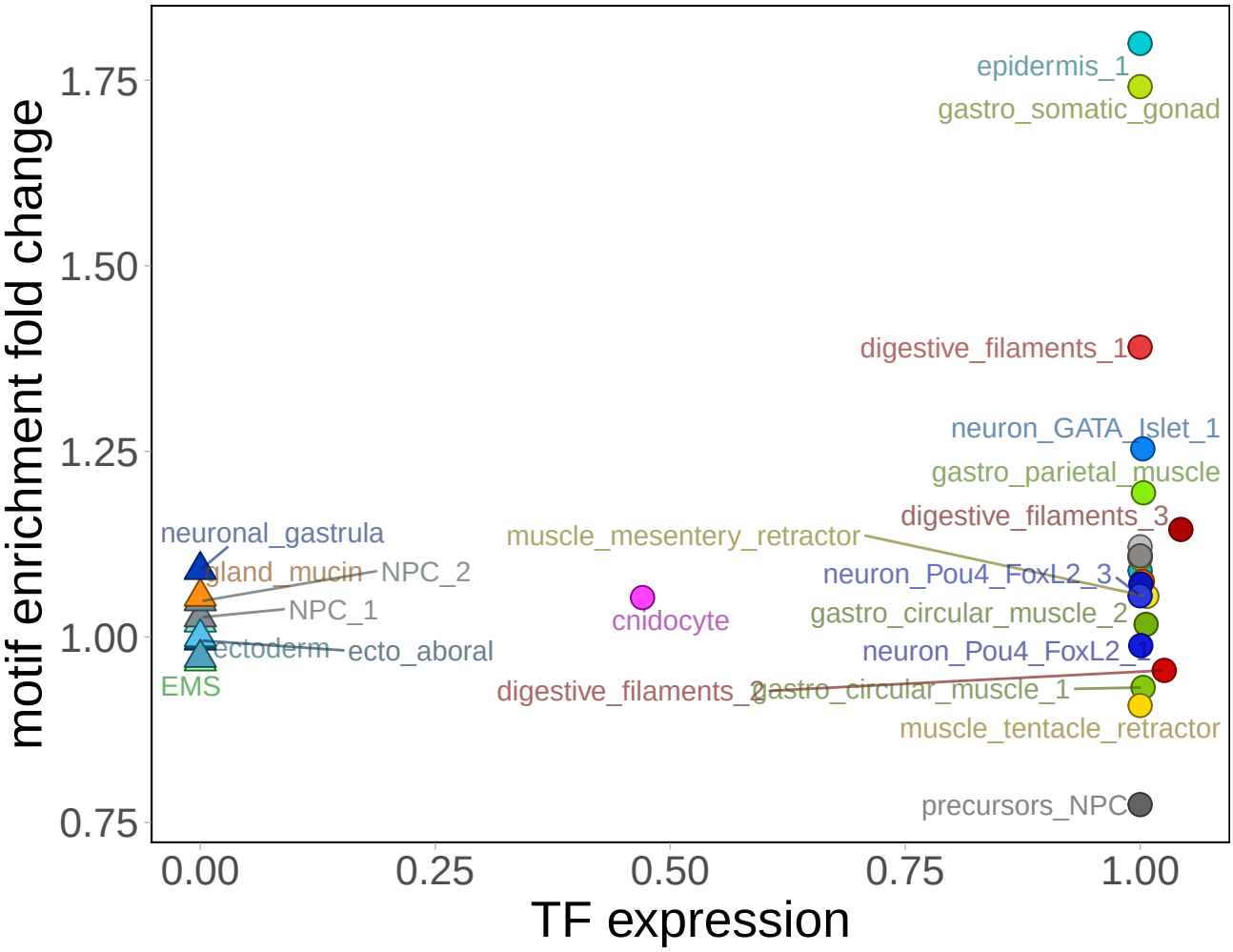




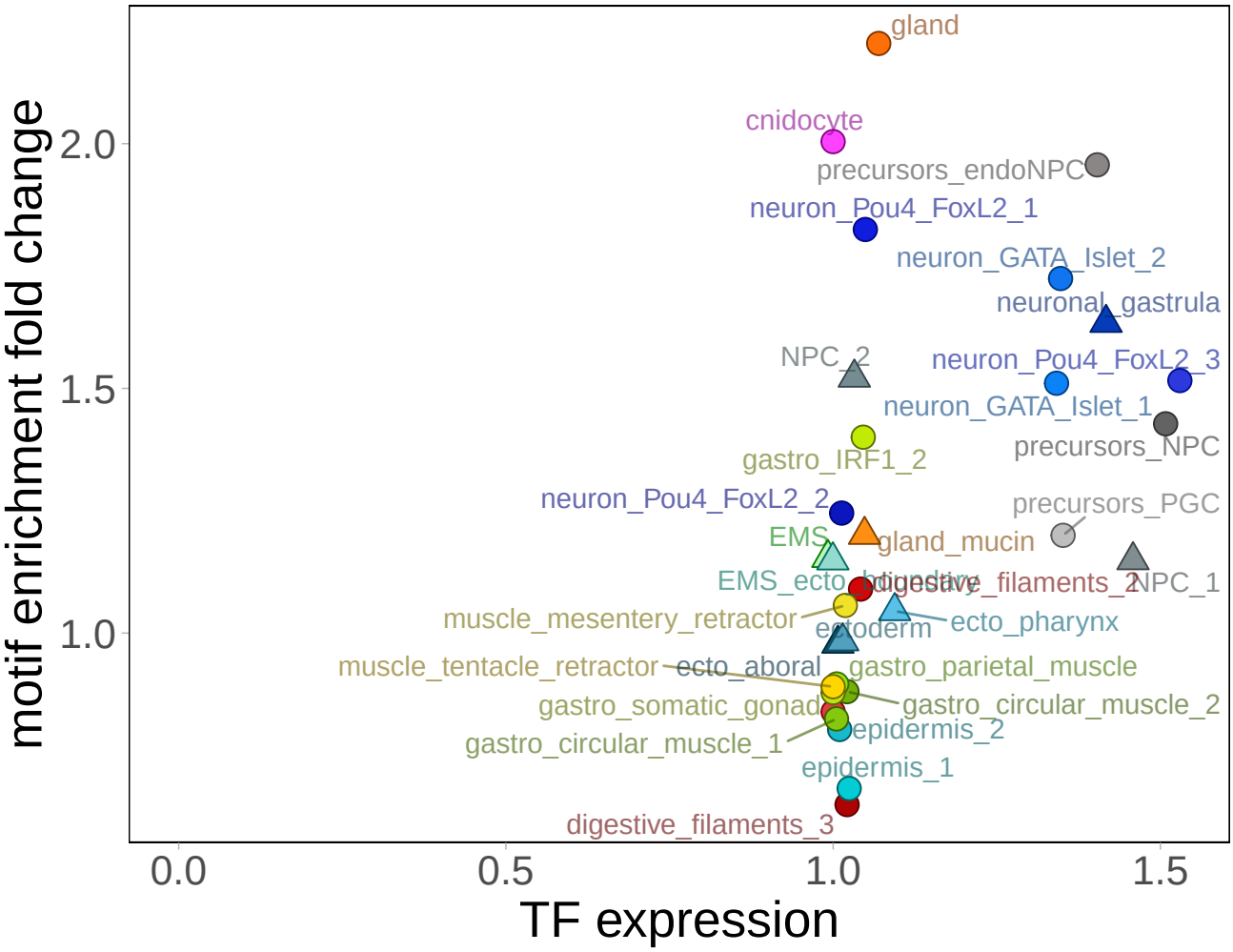
Nvec_vc1.1_XM_001628087.3
OG: Doublesex_DM.HG1.12:DMRTA1/DMRTA
PFAM: DM/DMA
motif: ARCH1070_Dmrtc2_Irx6
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 173
gene expression correlation: −0.1180
gene score correlation: 0.2285



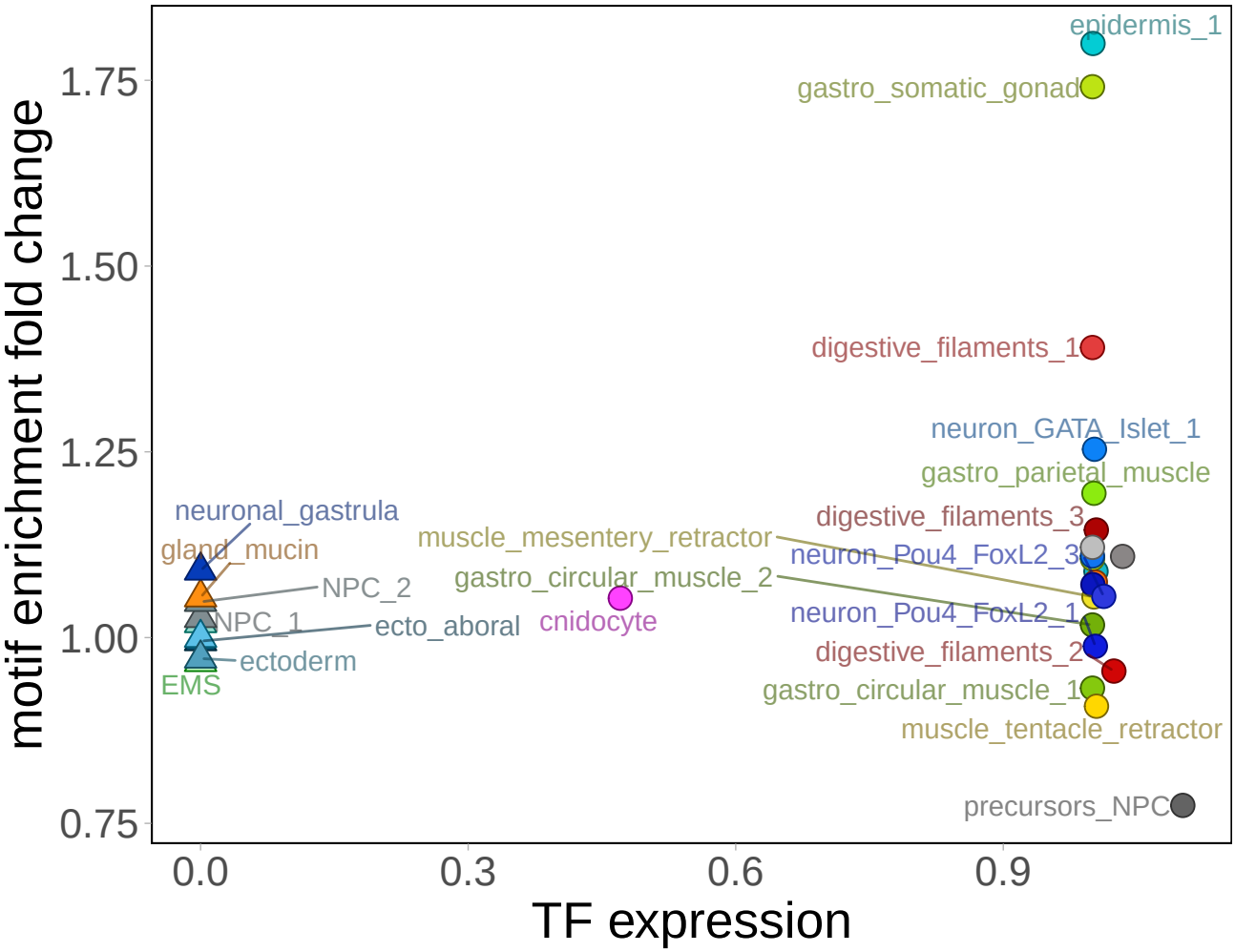
Nvec_vc1.1_XM_001628278.3
OG: HLH.HG1.75:like:ATOH8
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 716
gene expression correlation: 0.2602
gene score correlation: 0.1533



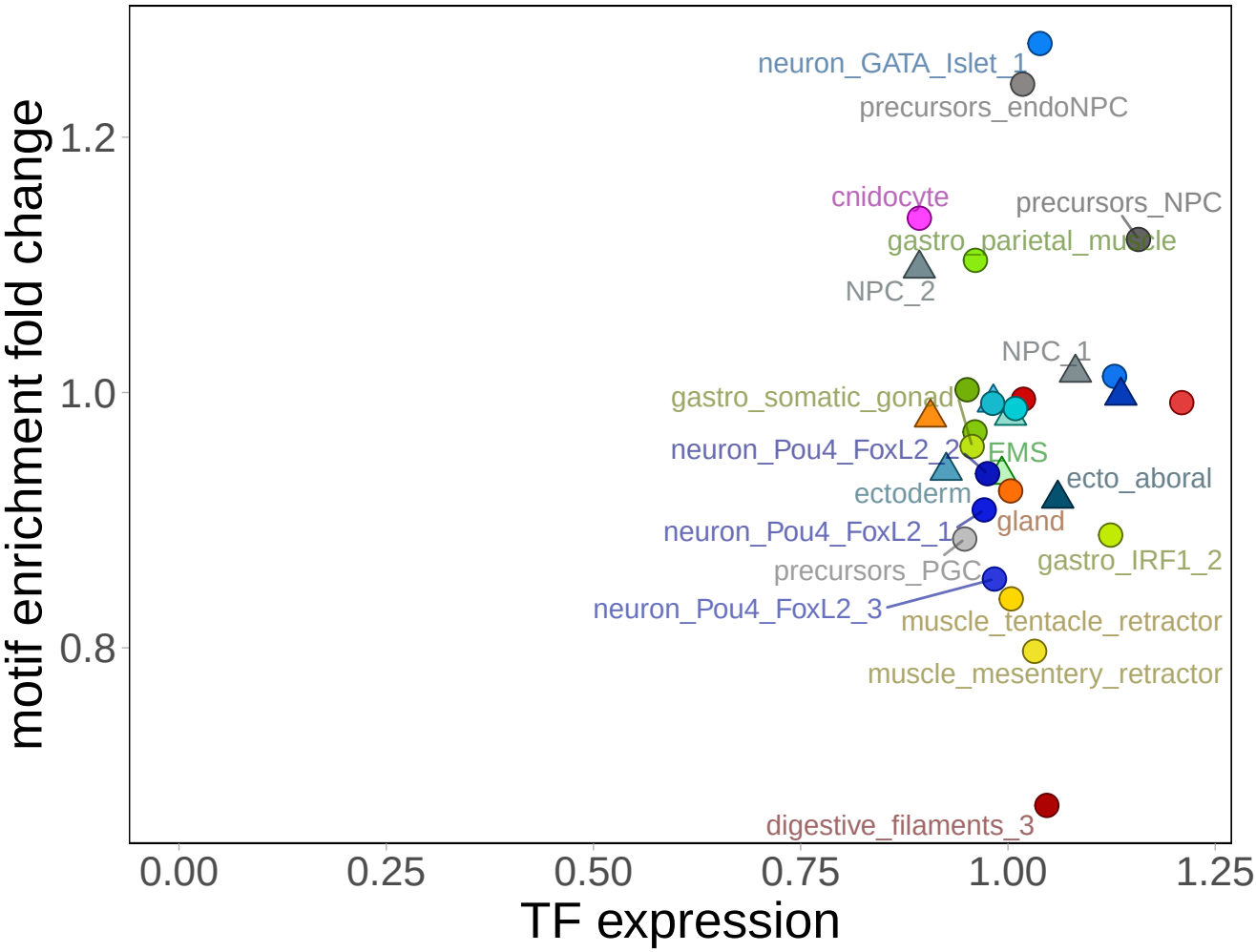
Nvec_vc1.1_XM_001628279.3
OG: HLH.HG1.76:ATOH8
PFAM: HLH
motif: ARCH749_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.4278
gene score correlation: 0.5900



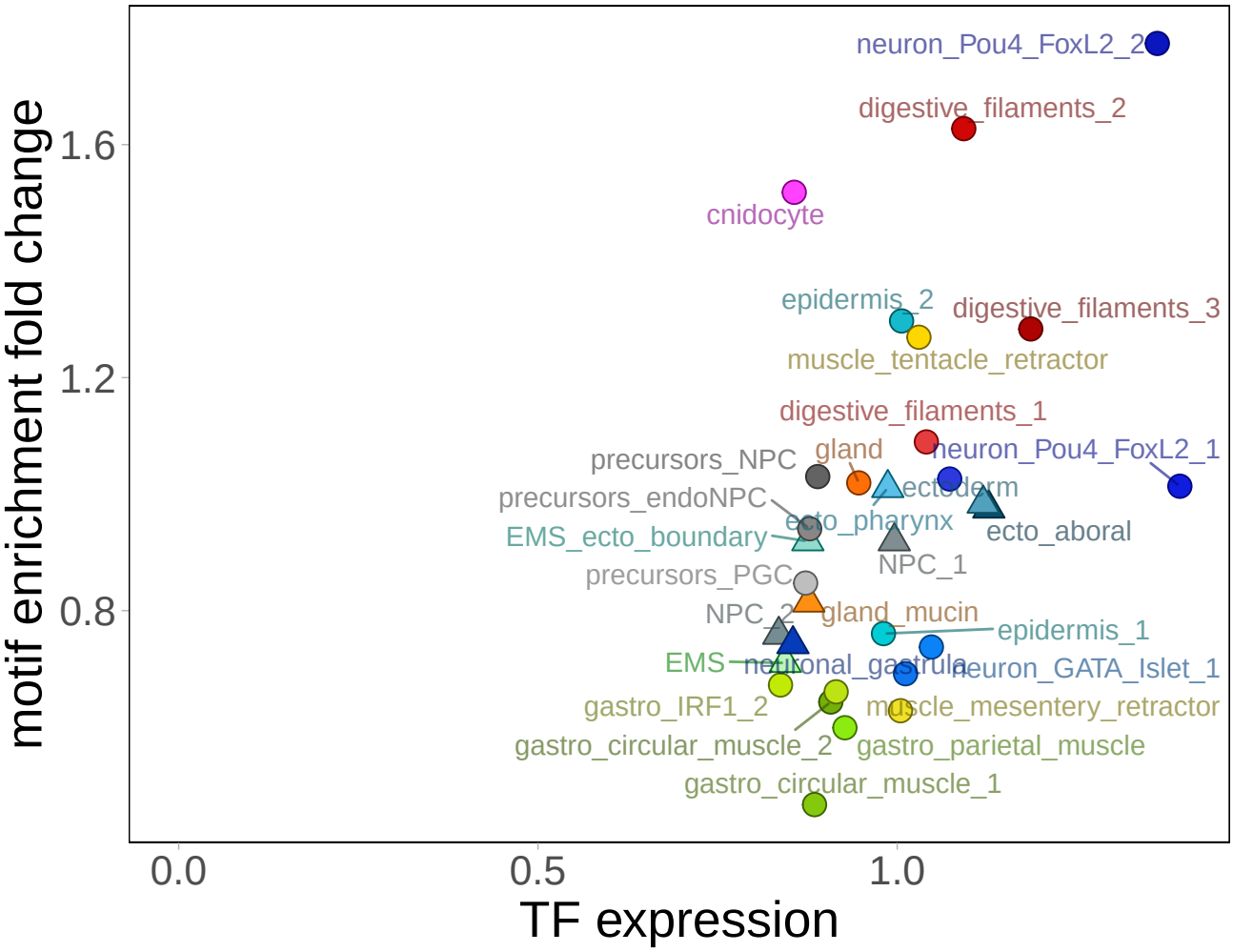
Nvec_vc1.1_XM_001628300.3
OG: HLH.HG1.84:NEUROG1/NEUROG2/NEU
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1334
gene expression correlation: 0.2469
gene score correlation: −0.2713



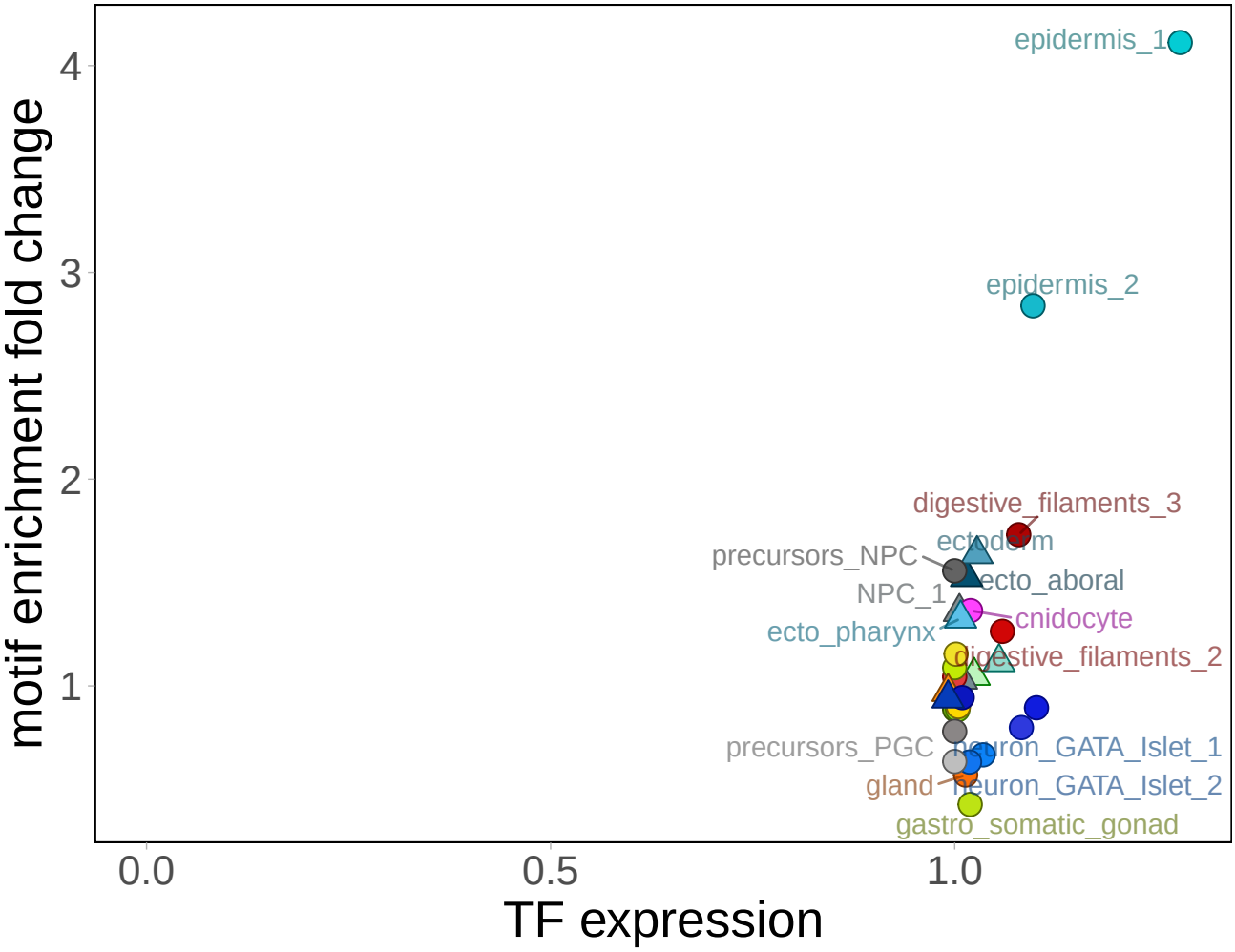
Nvec_vc1.1_XM_001628318.3
OG: Myb.HG2.2:NA
PFAM: MADF_DNA_bdg
motif: ARCH1132_M06398_2.00
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 172
gene expression correlation: −0.0215
gene score correlation: 0.0965



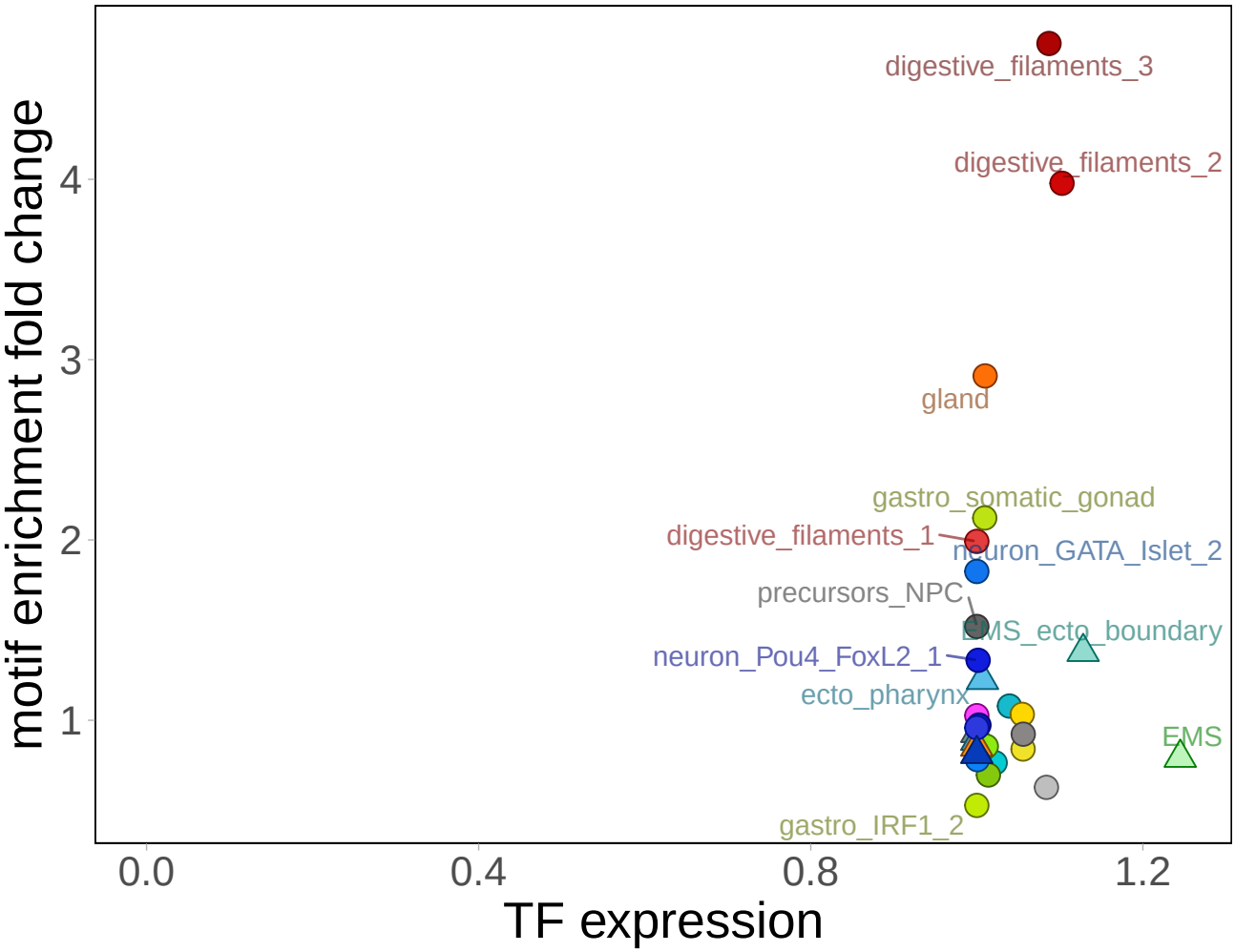
Nvec_vc1.1_XM_001628319.3
OG: Forkhead.HG1.25:FOXJ2/FOXJ3
PFAM: Forkhead
motif: ARCH975_Foxd2/Foxd4/Foxd3/F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 1560
gene expression correlation: 0.5234
gene score correlation: −0.1632



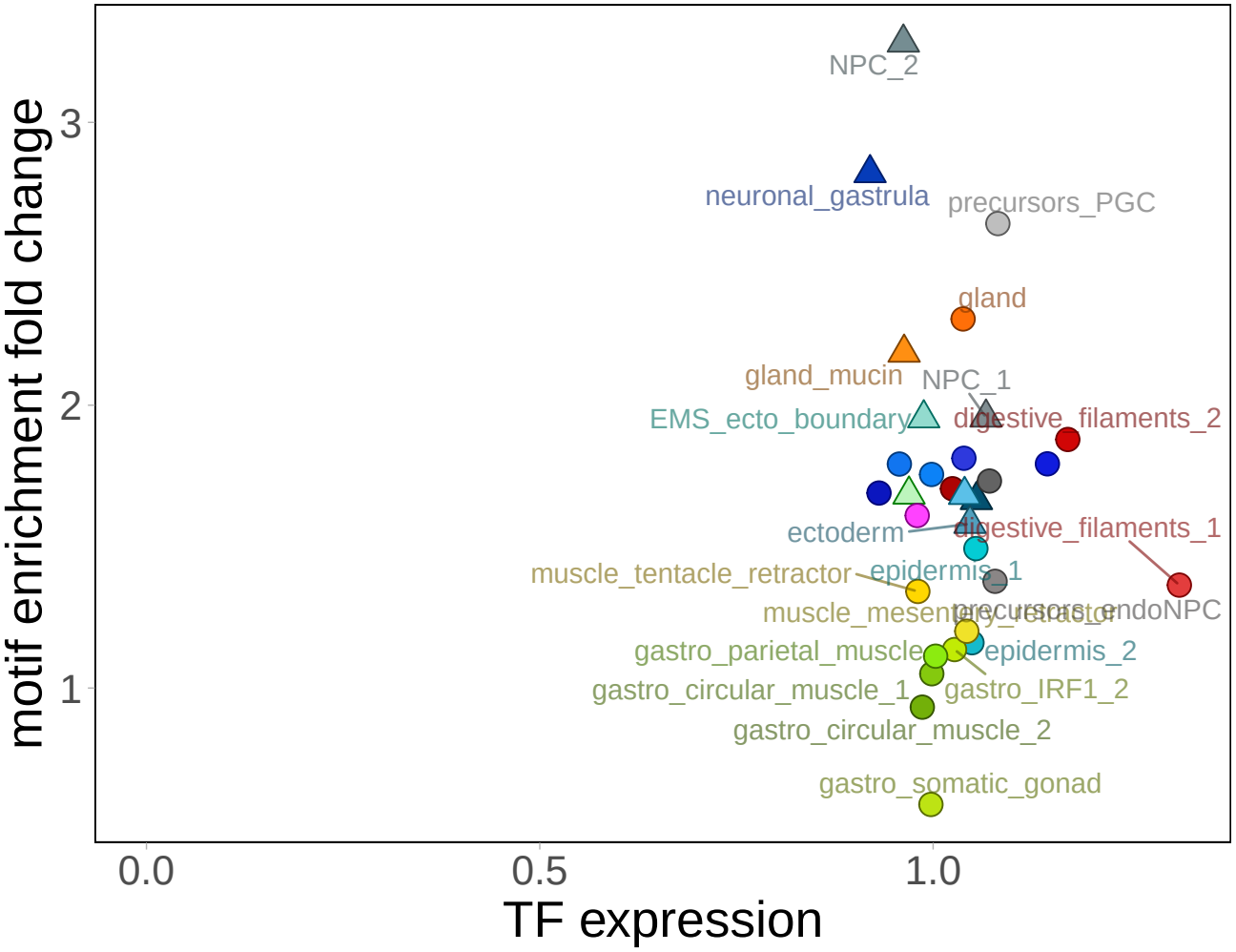
Nvec_vc1.1_XM_001628634.3
OG: Homeodomains.HG2.28:PAX3/PAX7
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.7798
gene score correlation: 0.7885



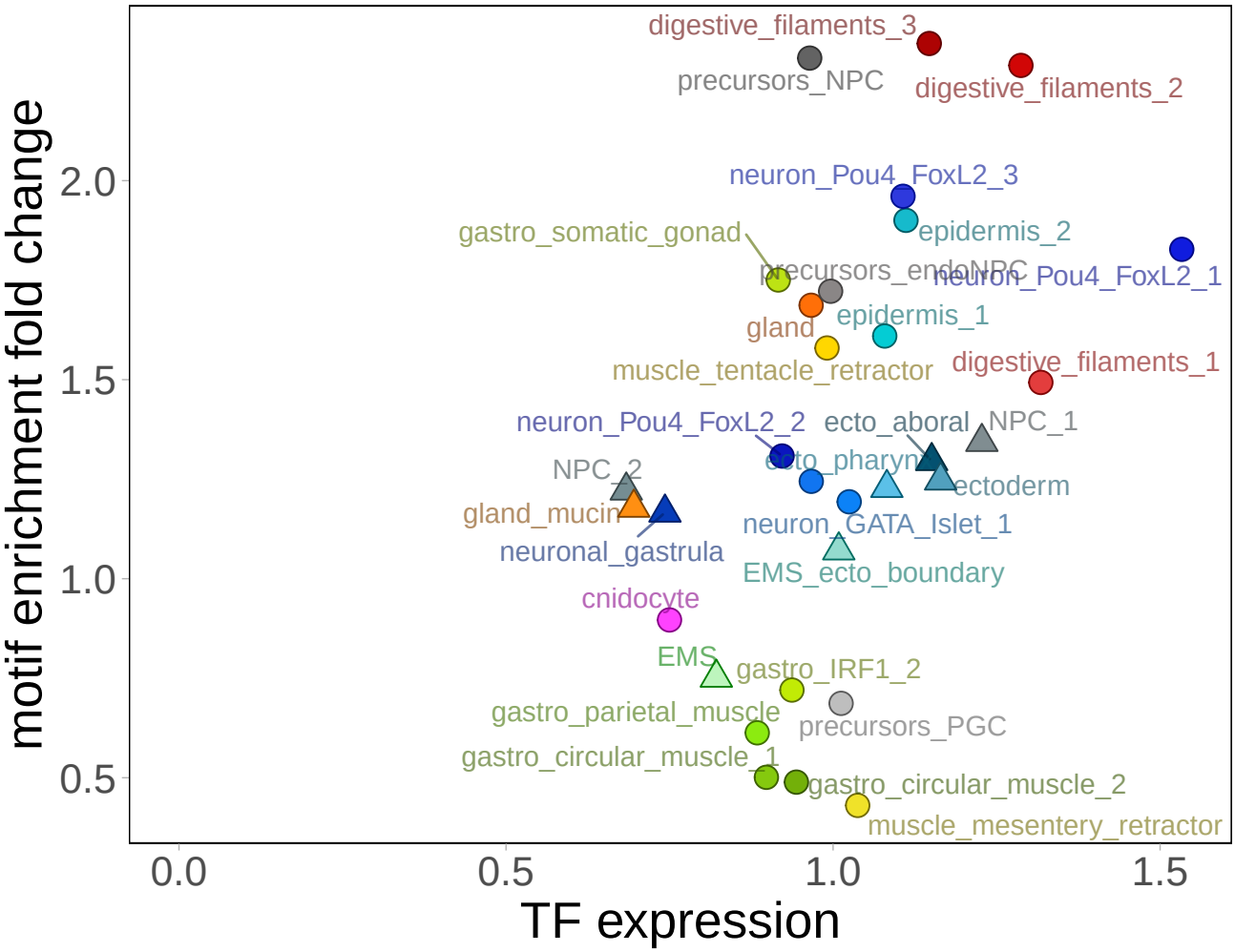
Nvec_vc1.1_XM_001628645.3
OG: zf−C2H2.HG1.88:MYNN
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−H2C2_2
motif: ARCH1291_Fox:Ebox
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 629
gene expression correlation: 0.1974
gene score correlation: 0.0351



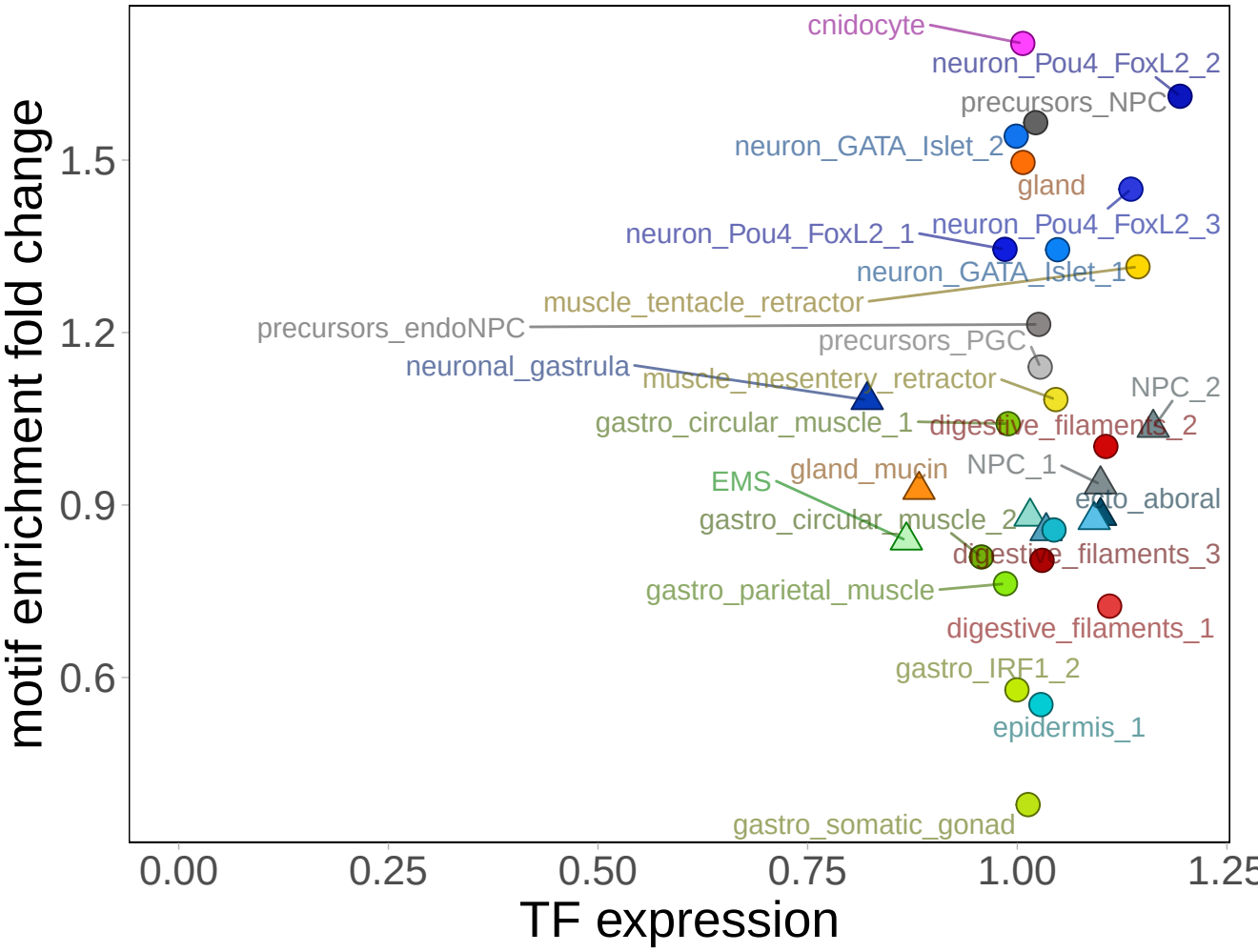
Nvec_vc1.1_XM_001628964.3
OG: Forkhead.HG1.23:FOXK1/FOXK2
PFAM: FHA/Forkhead
motif: ARCH178_Foxc2/Foxc1_Foxg1/G...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 72
gene expression correlation: −0.1432
gene score correlation: 0.3685



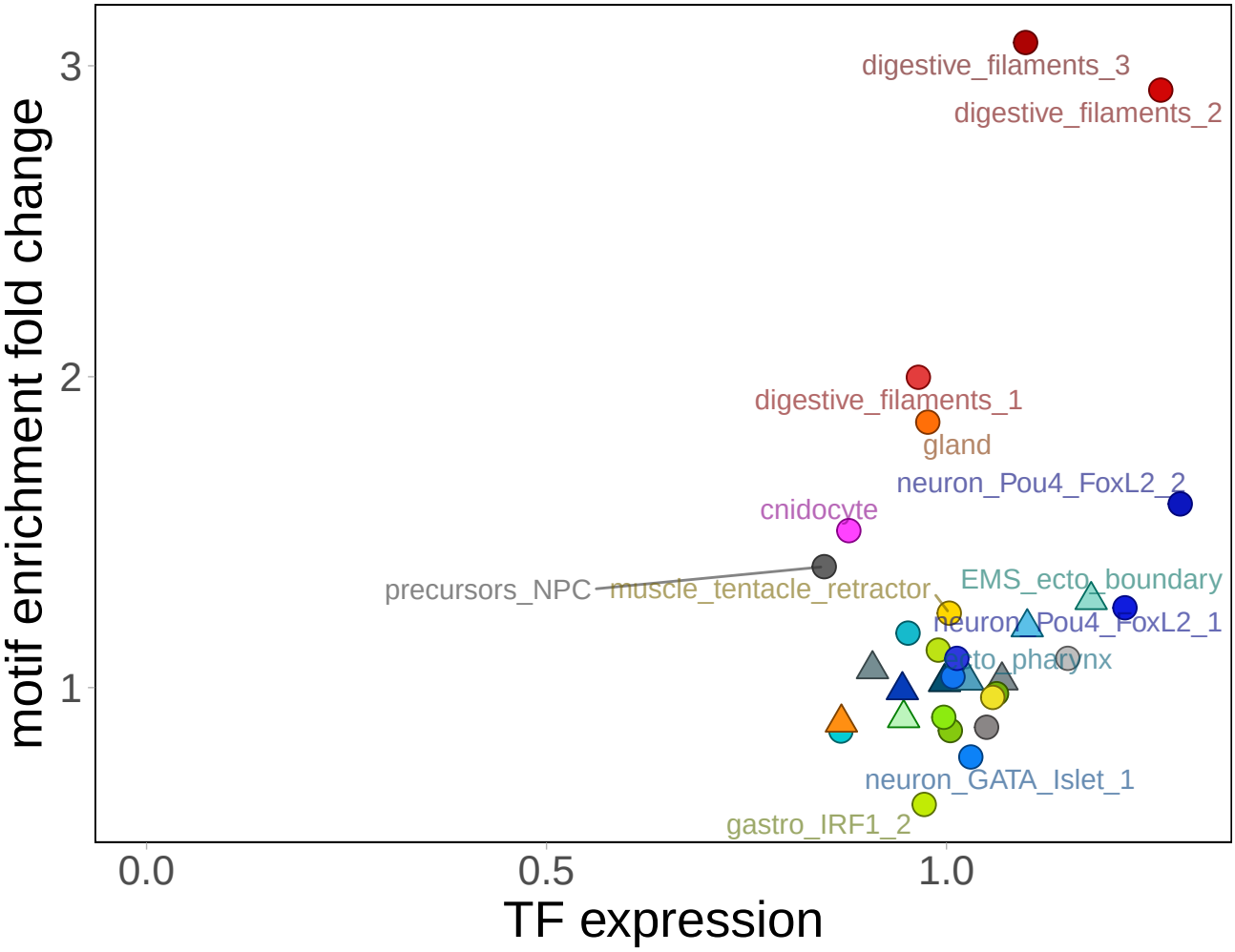
Nvec_vc1.1_XM_001629480.3
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARN
PFAM: HLH/PAS/PAS_11
motif: ARCH66_Barx2/Barx1_Dlx4/Dlx...
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 23
gene expression correlation: 0.4456
gene score correlation: 0.2696



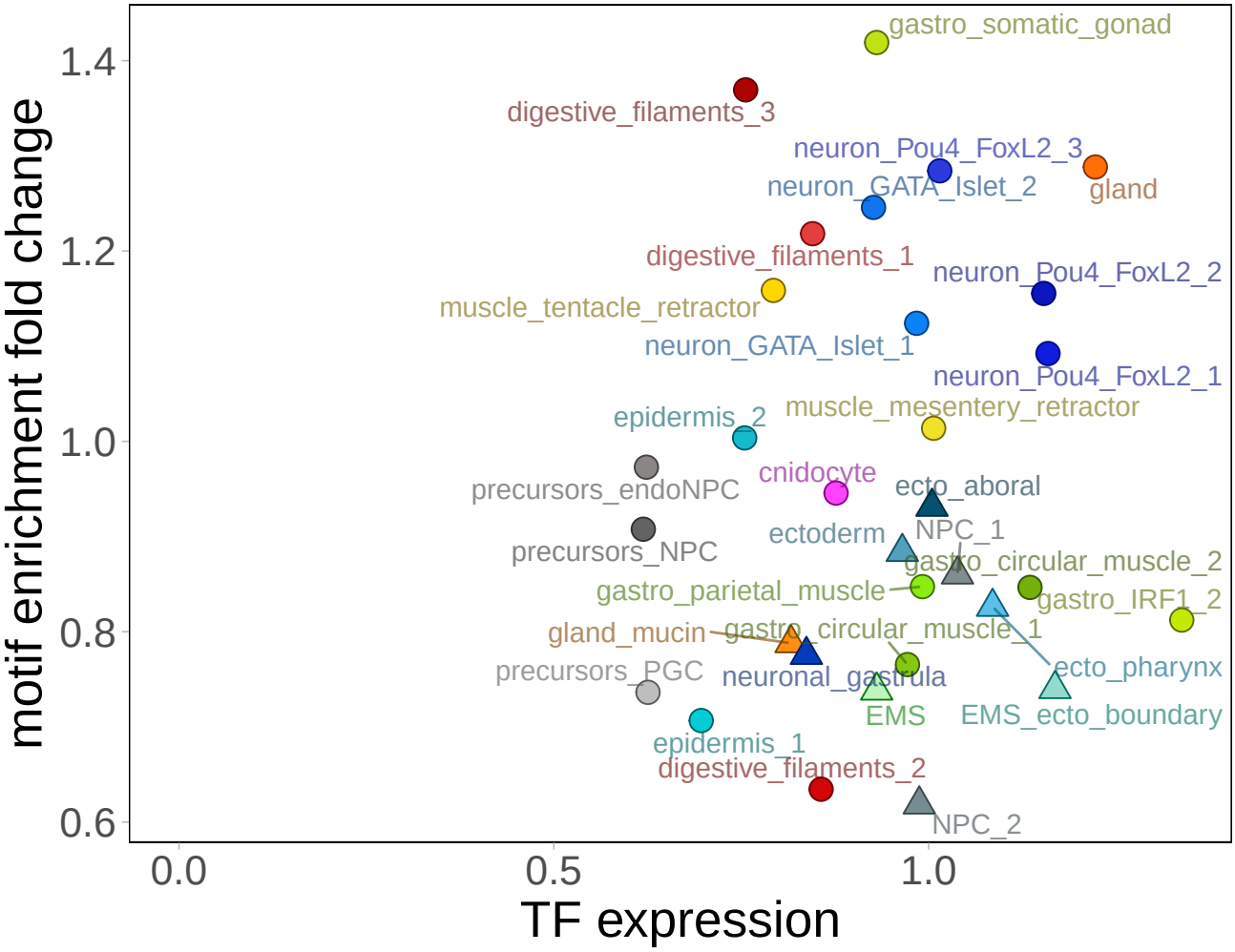
Nvec_vc1.1_XM_001629605.3
OG: SMAD_MH1.HG1.2:like:SMAD4
PFAM: MH1/MH1/zf−HC5HC2H_2/PHD/PHD
motif: ARCH662_Smad4
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 561
gene expression correlation: 0.1833
gene score correlation: 0.3407



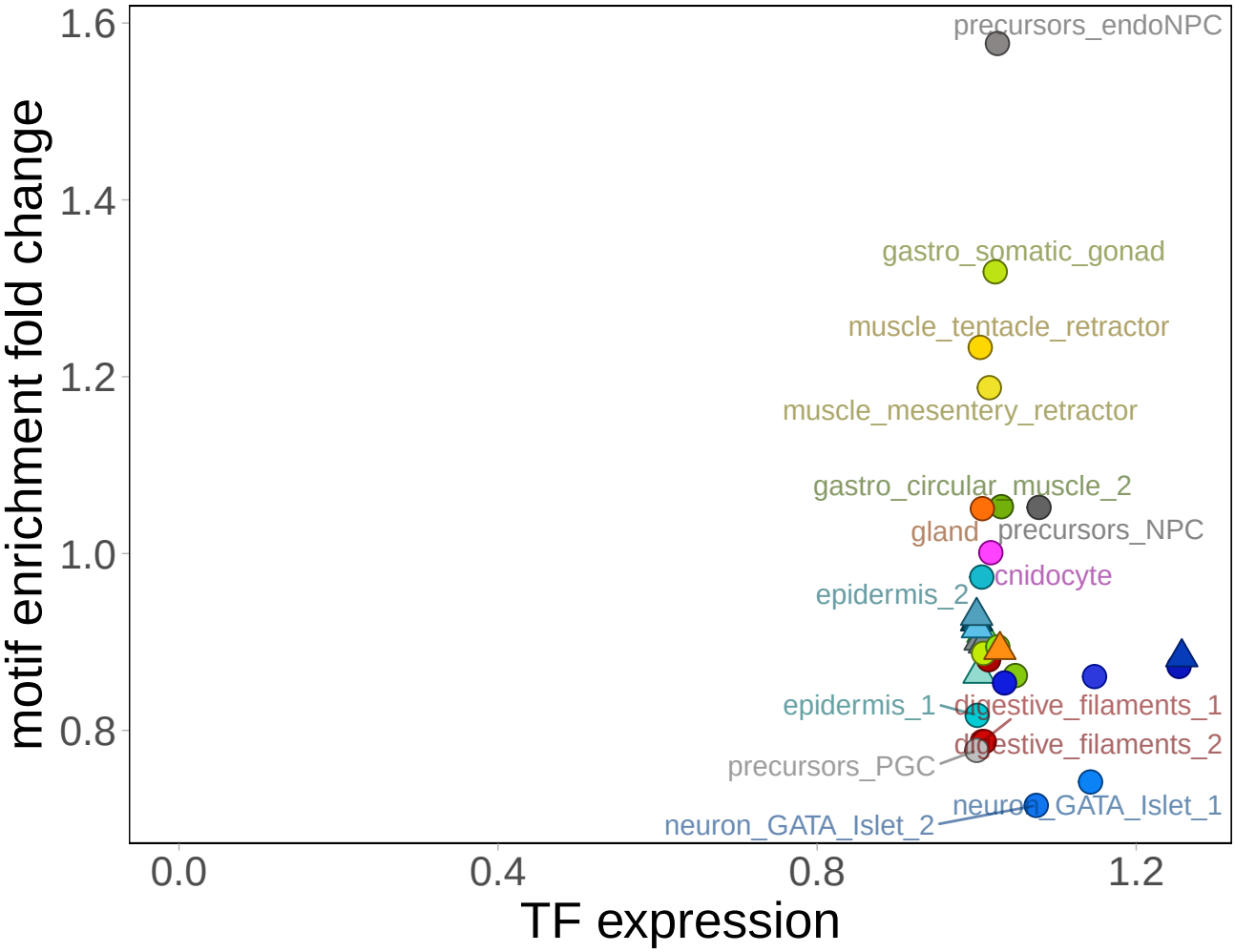
Nvec_vc1.1_XM_001630131.3
OG: ARID_BRIGHT.HG1.2:ARID4A/ARID4B
PFAM: RBB1NT/ARID/Tudor−knot
motif: ARCH1425_FKH2
TF family: ARID_BRIGHT
archetype family:
CisBP assigned: FALSE
rank: 191
gene expression correlation: 0.3759
gene score correlation: 0.2650



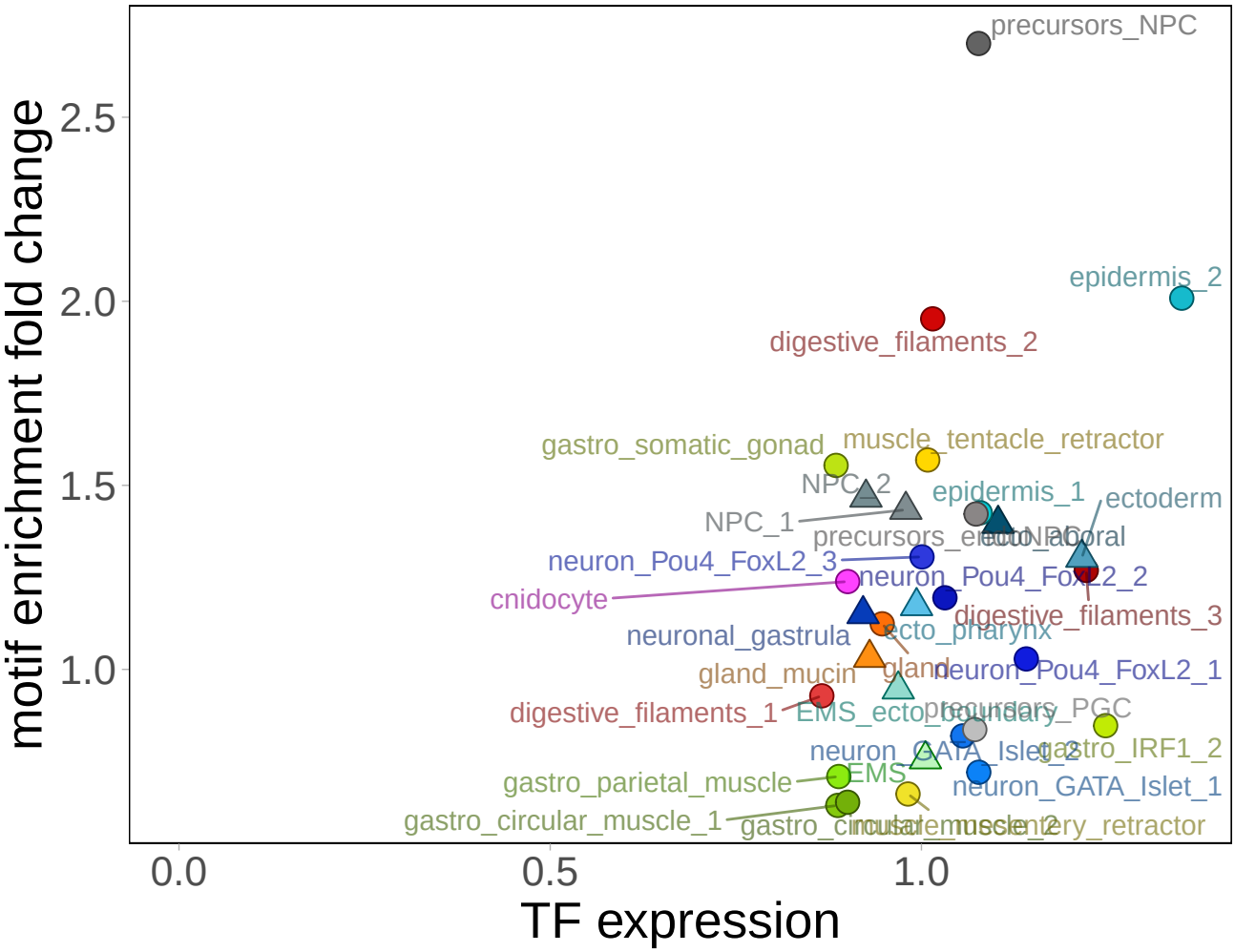
Nvec_vc1.1_XM_001630333.3
OG: Myb.HG1.0:CDC5L
PFAM: Myb_DNA−bind_6/Myb_Cef
motif: ARCH1062_Cdc5lrt1/Cdc5lrt10...
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 501
gene expression correlation: 0.0630
gene score correlation: 0.1163



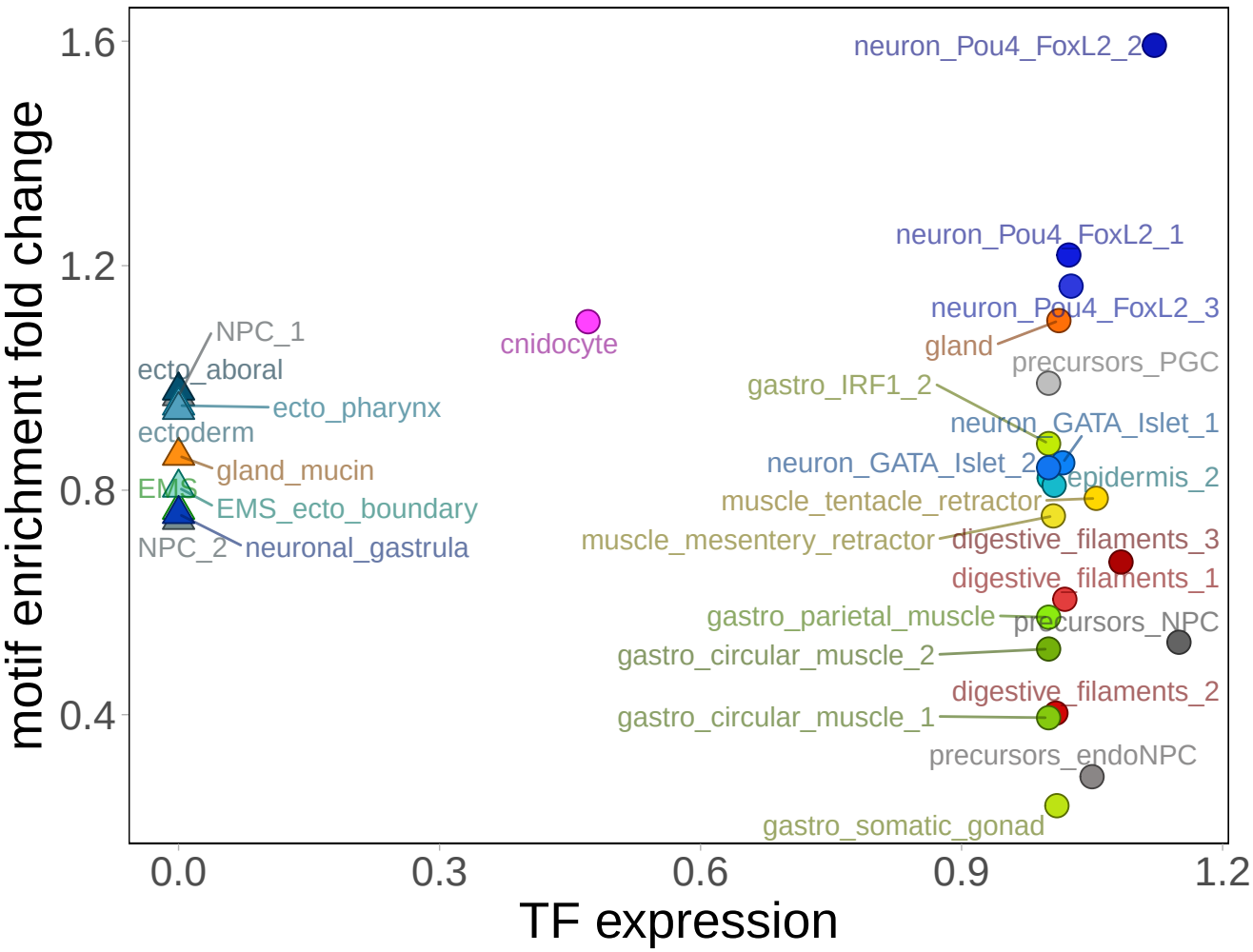
Nvec_vc1.1_XM_001630336.3
OG: zf−C4_Nuclear_receptors.HG1.40:NR2E1
PFAM: zf−C4/Hormone_recep
motif: ARCH411_Hnf4g/Hnf4a_Nr2c1/N...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 1198
gene expression correlation: −0.1769
gene score correlation: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



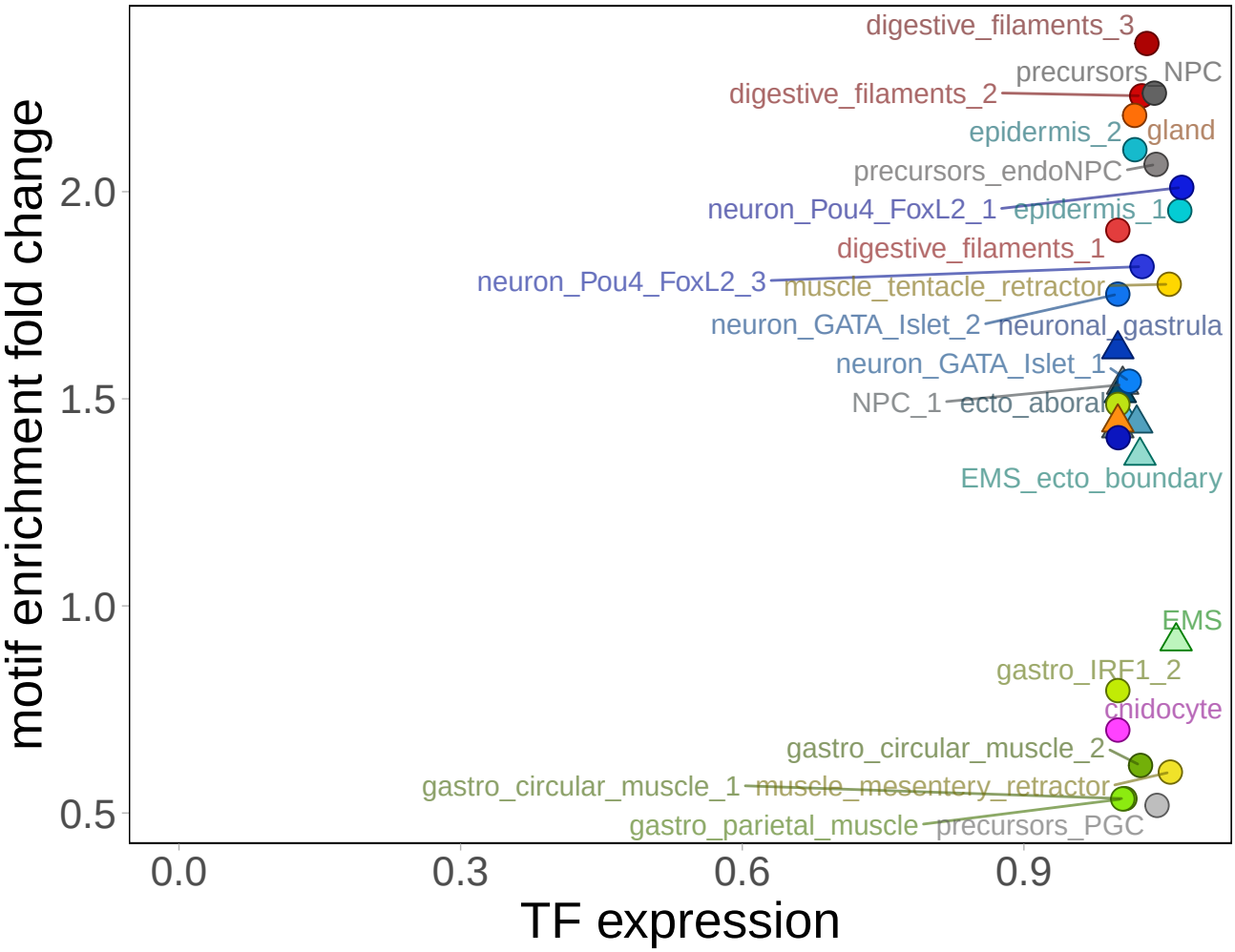
Nvec_vc1.1_XM_001630363.3
OG: Forkhead.HG1.29:FOXO1/FOXO3/FOXO3
PFAM: Forkhead/FOXO−TAD
motif: ARCH1175_/Sox4/Sox11_Foxc2/...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.2989
gene score correlation: 0.6717



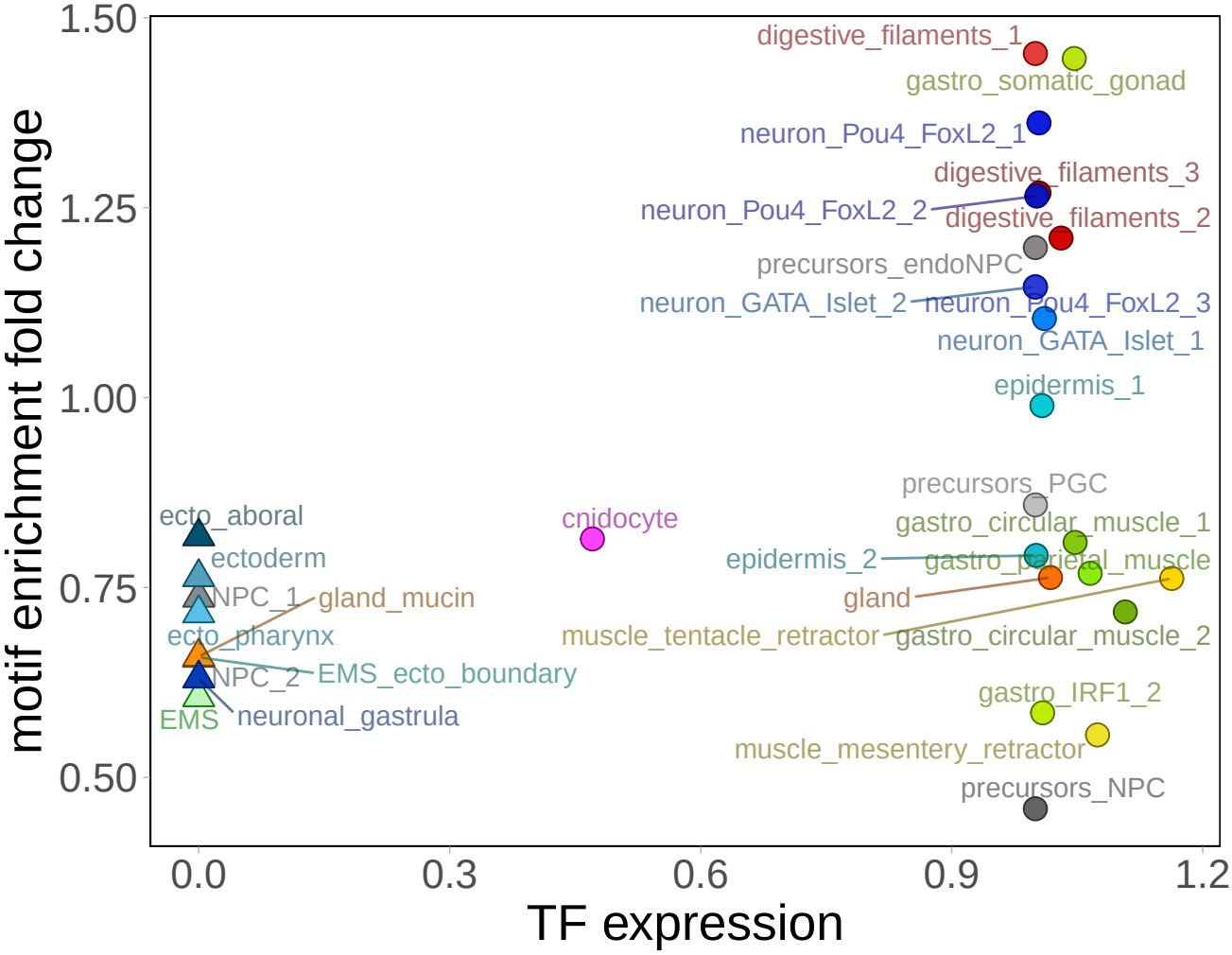
Nvec_vc1.1_XM_001630519.3
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 127
gene expression correlation: −0.1658
gene score correlation: −0.0573



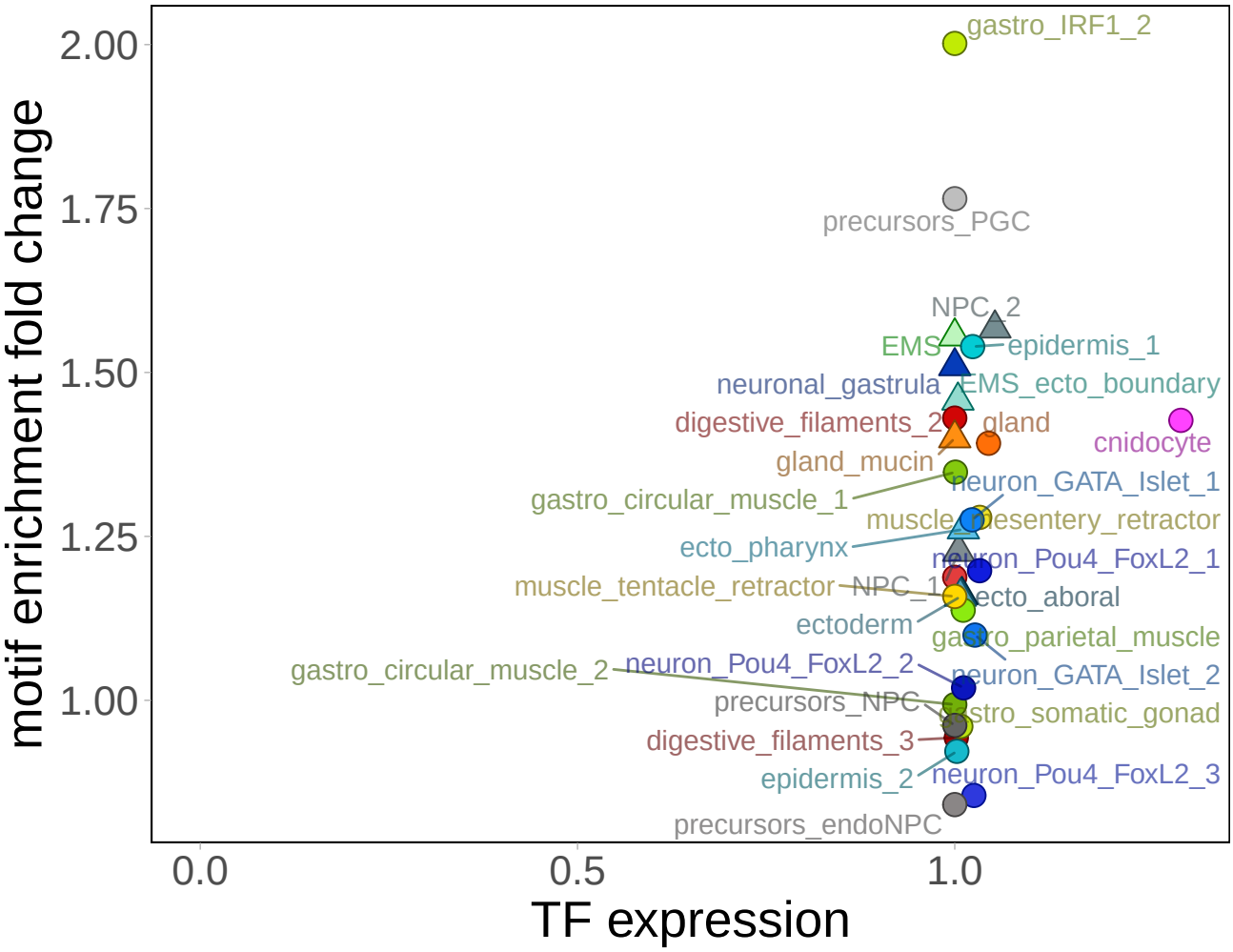
Nvec_vc1.1_XM_001630559.3
OG: zf−C2H2.HG19.0:ZNF496
PFAM: zf−C2H2/zf−C2H2_4/zf−C2H2/zf−C2H2
motif: ARCH629_Brn1
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 1493
gene expression correlation: 0.1489
gene score correlation: −0.2022



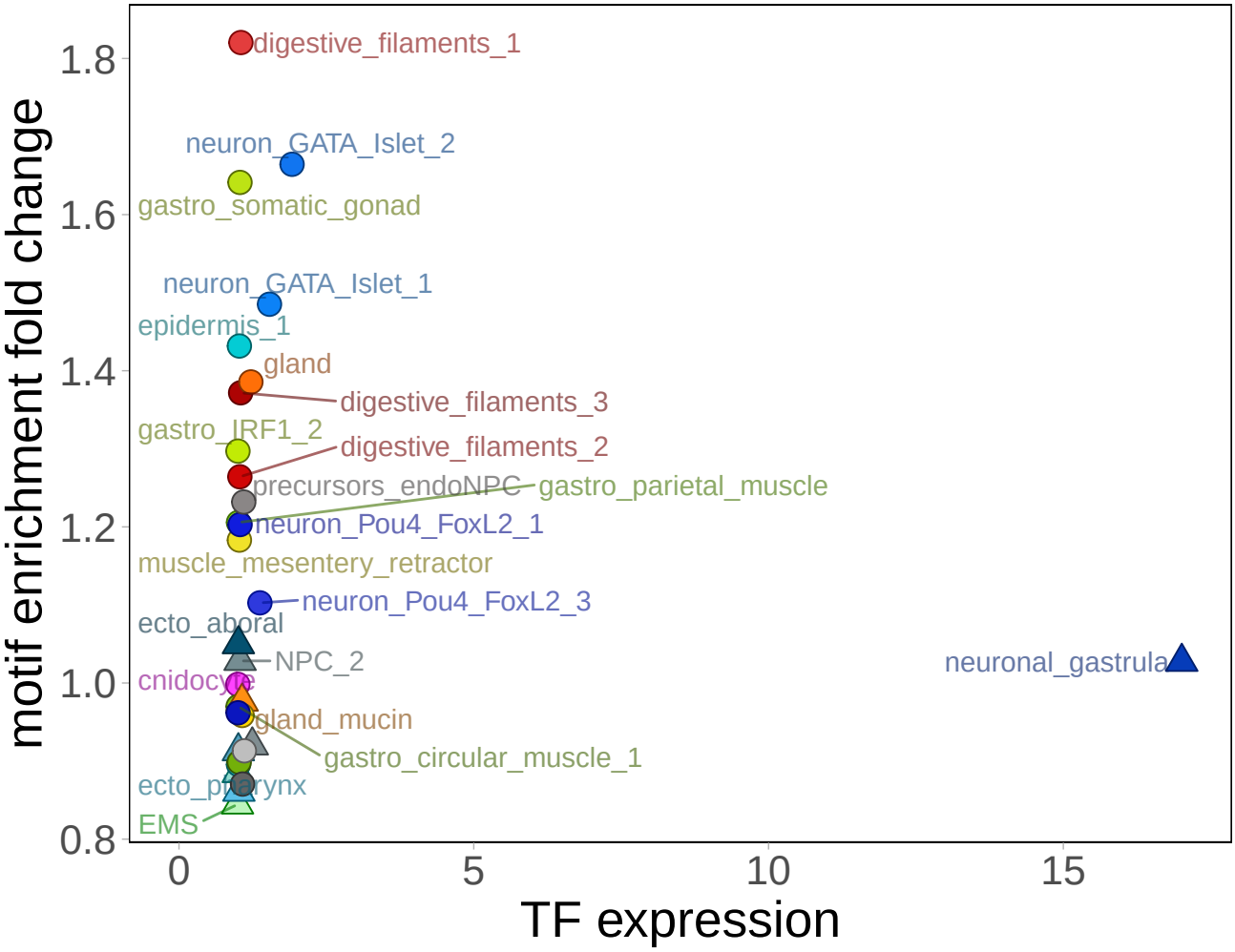
Nvec_vc1.1_XM_001630676.3
OG: Homeodomains.HG2.68:like:ARX/OTP
PFAM: Homeodomain
motif: ARCH26_Nkx3−2
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1297
gene expression correlation: 0.4491
gene score correlation: −0.1482



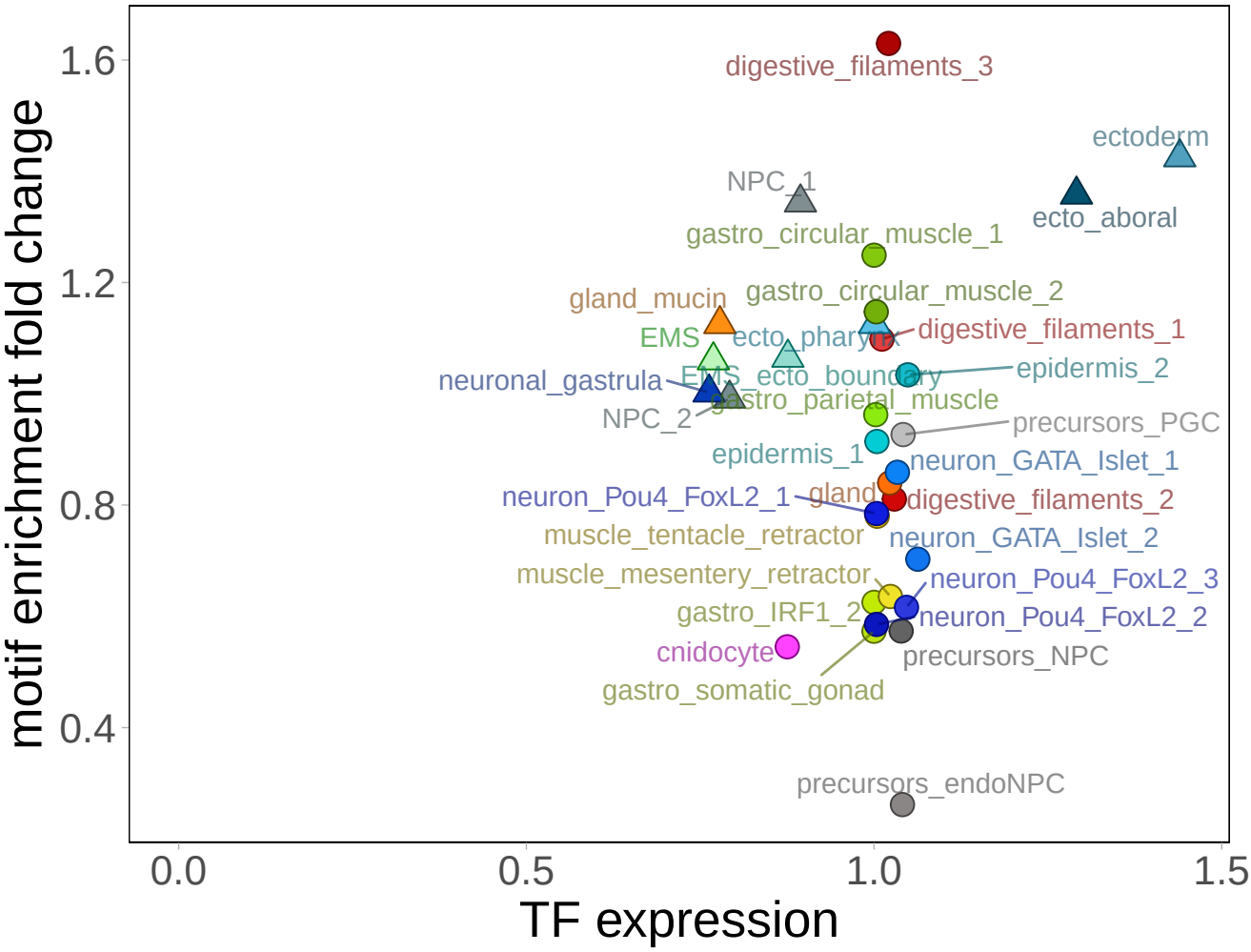
Nvec_vc1.1_XM_001631093.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH1610_Atf3/Jdp2_Atf7/Gm2...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 804
gene expression correlation: 0.1250
gene score correlation: 0.1344



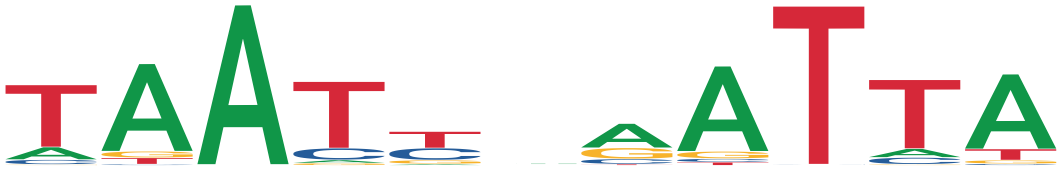
Nvec_vc1.1_XM_001631173.3
OG: Homeodomains.HG2.62:VSX1/VSX2
PFAM: Homeodomain
motif: ARCH335_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 28
gene expression correlation: −0.0485
gene score correlation: 0.1758

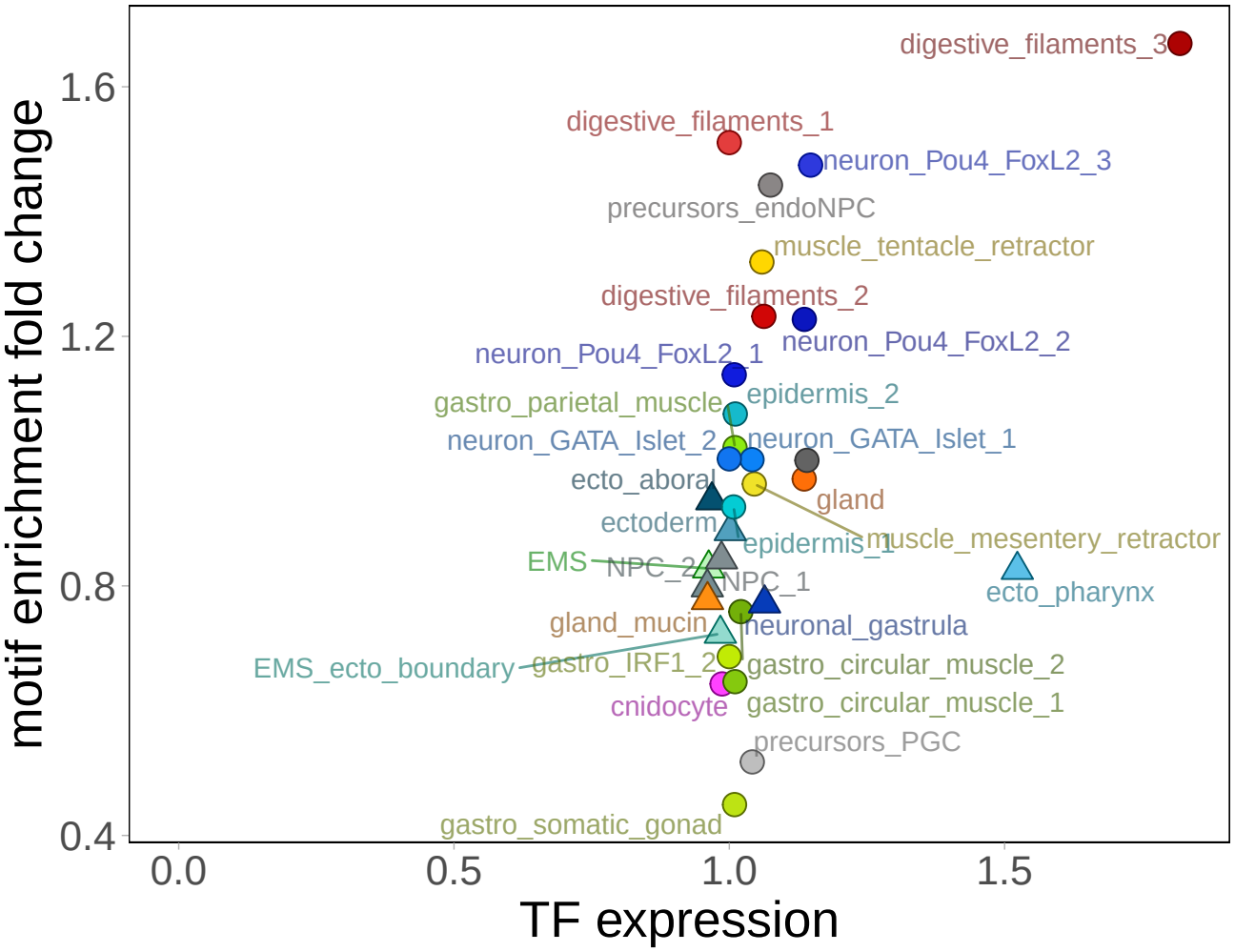


Nvec_vc1.1_XM_001631326.3
OG: HLH.HG1.72:BHLHA9
PFAM: HLH
motif: ARCH508_Ebf2
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 82
gene expression correlation: 0.1317
gene score correlation: −0.0965

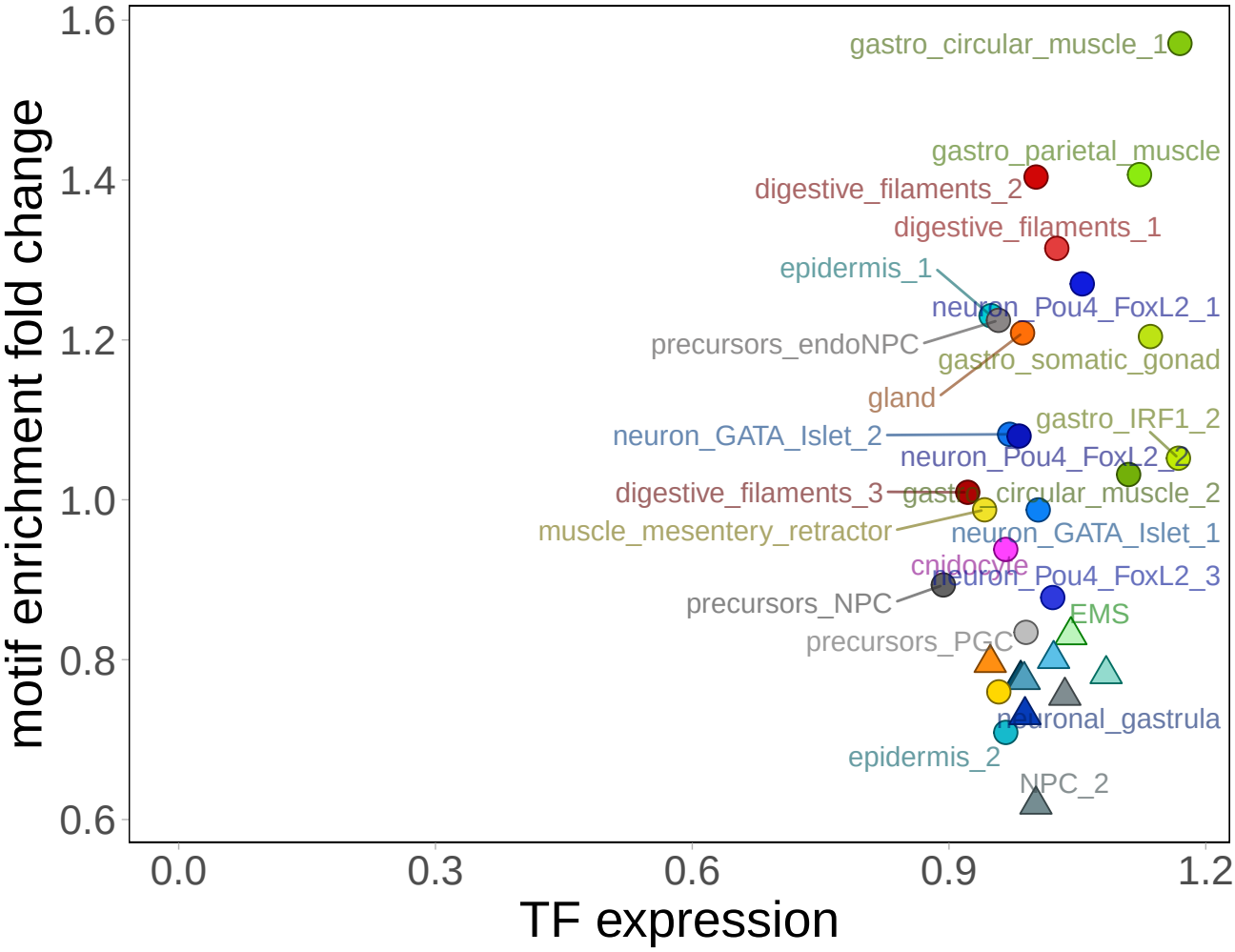


Nvec_vc1.1_XM_001631375.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
motif: ARCH216_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 53
gene expression correlation: 0.4402
gene score correlation: 0.4565

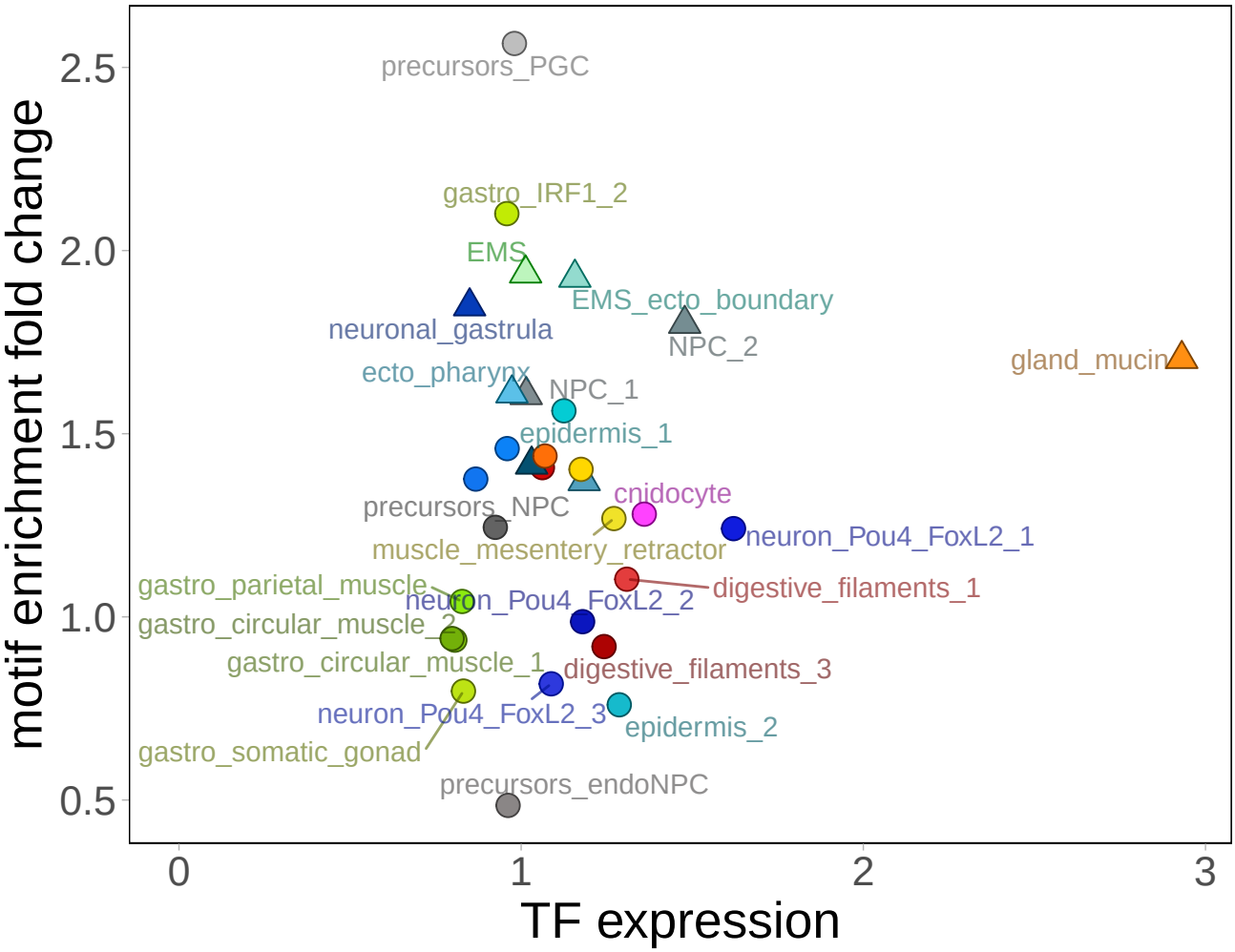




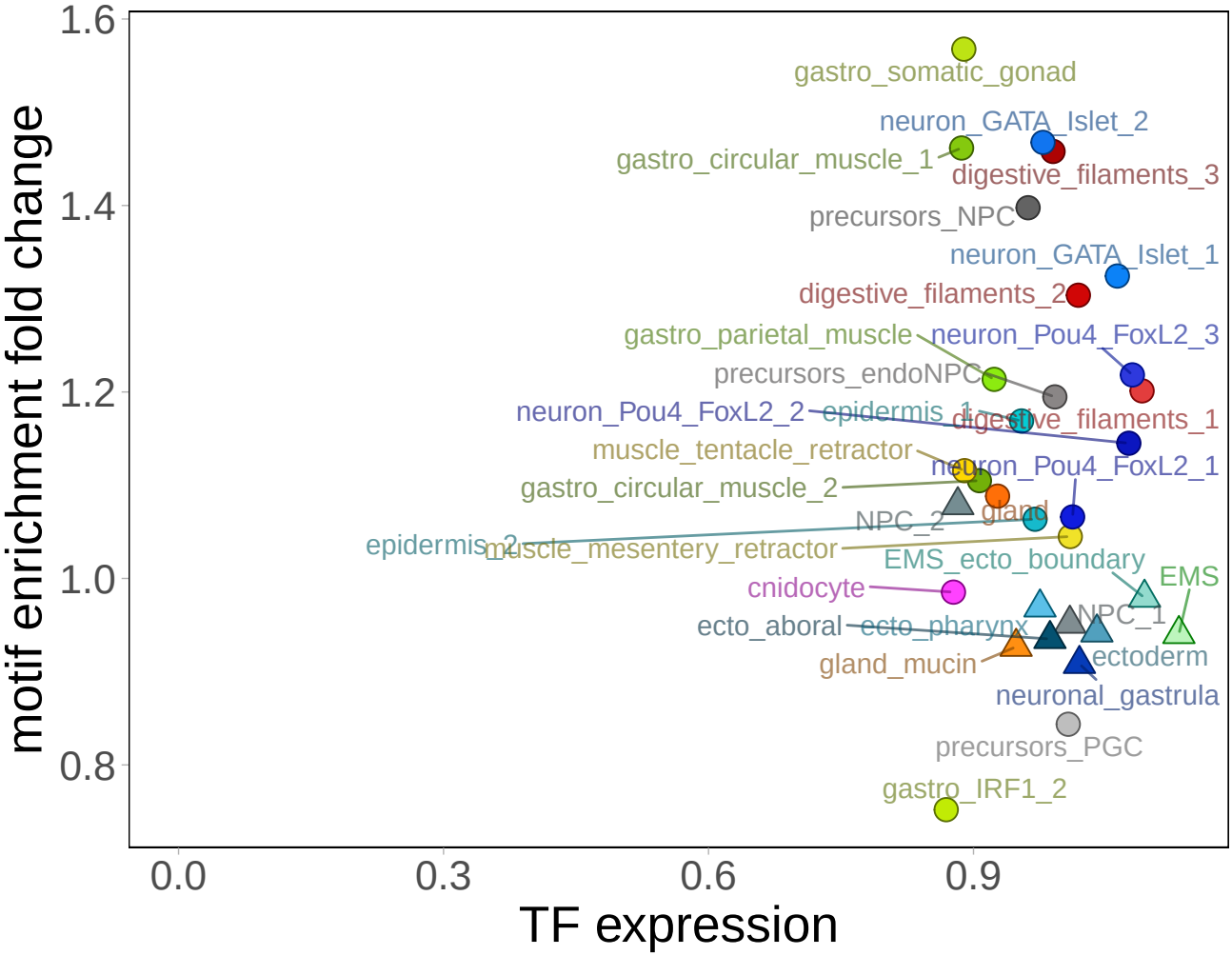
Nvec_vc1.1_XM_001631403.3
OG: HLH.HG1.14:MLXIP/MLXIPL
PFAM: HLH
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 907
gene expression correlation: 0.3864
gene score correlation: −0.1126



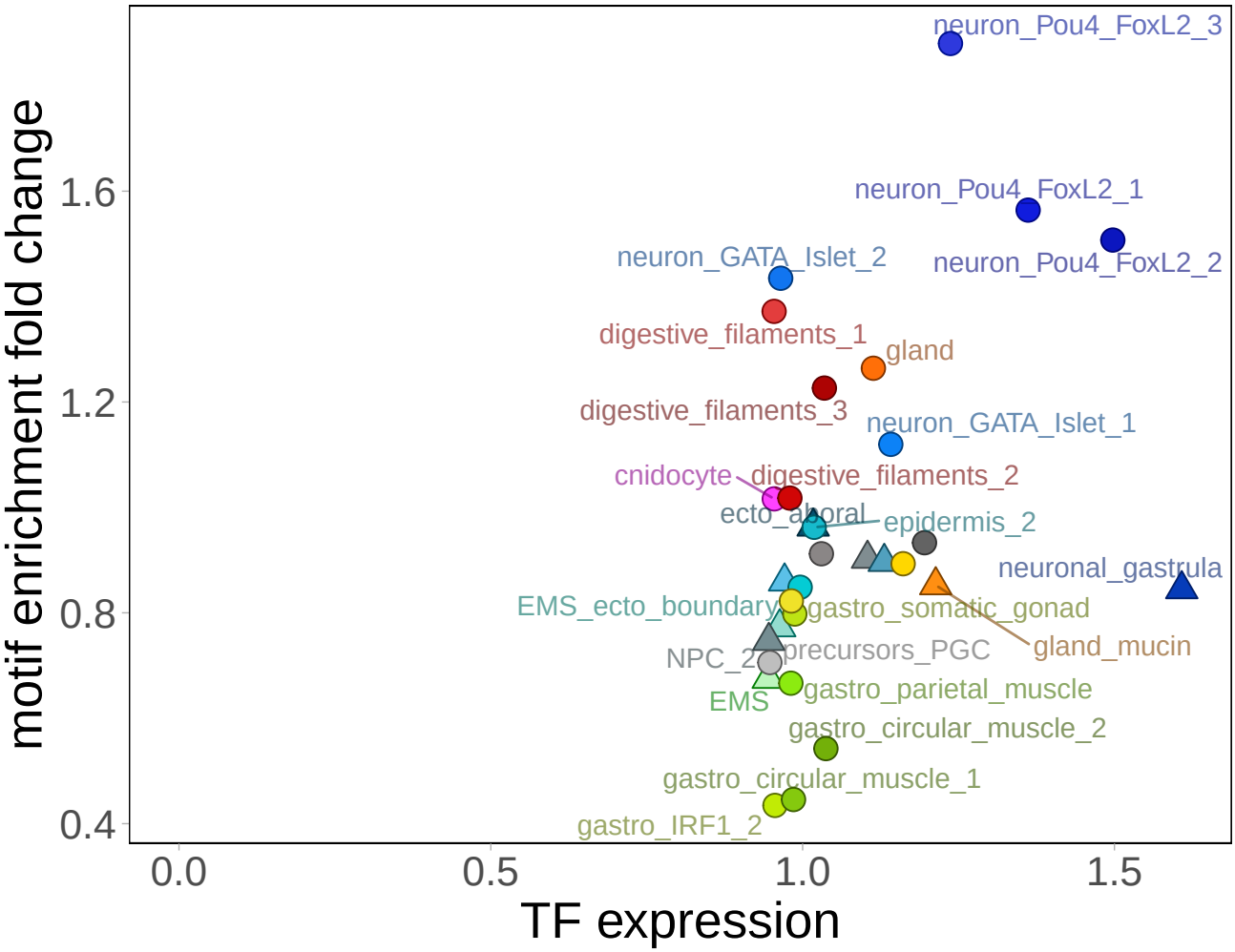
Nvec_vc1.1_XM_001631543.3
OG: bZIP.HG1.15:CREB3/CREB3L1/CREB3L2
PFAM: bZIP_1
motif: ARCH1612_Atf7/Gm28047/Creb5...
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.1169
gene score correlation: 0.0242



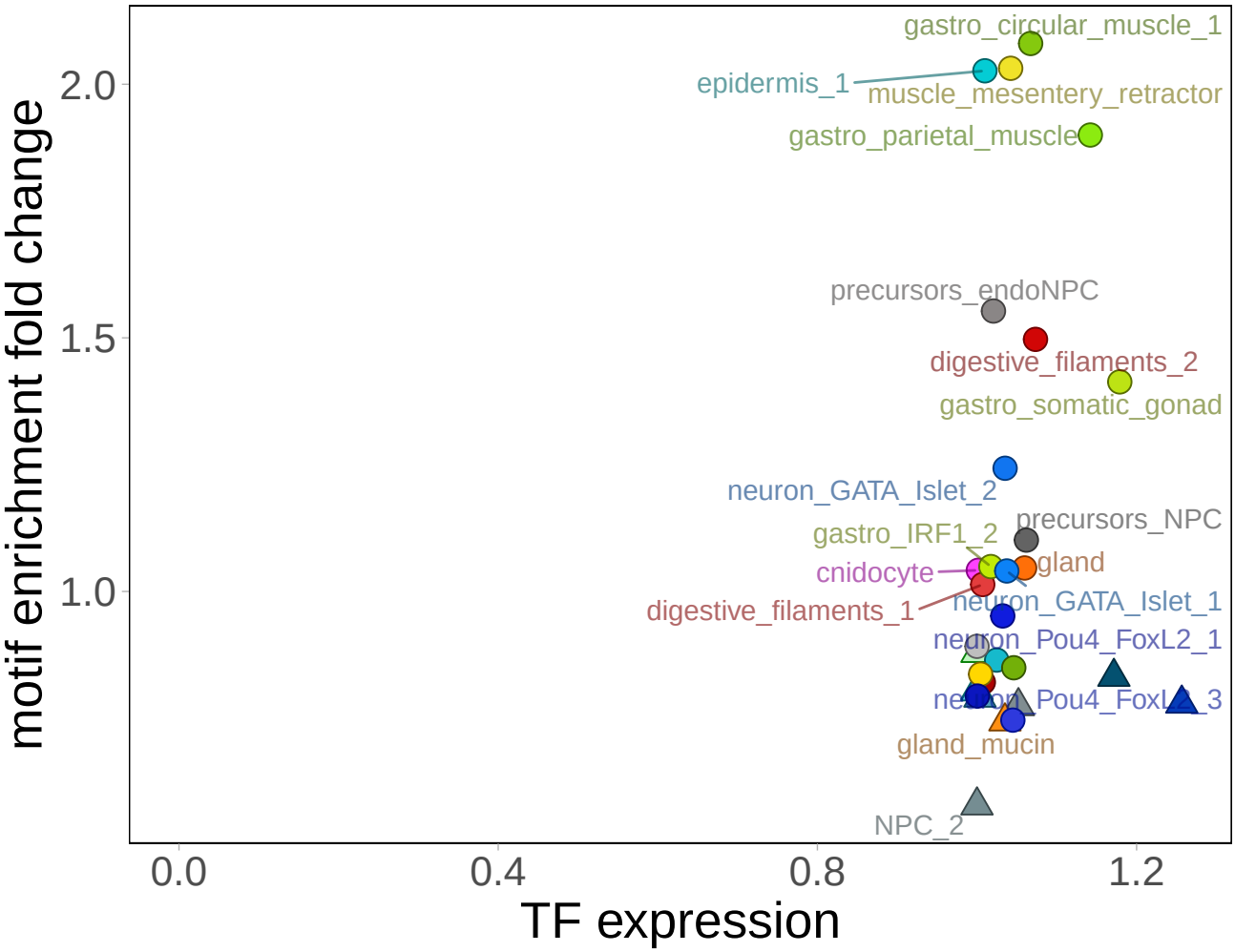
Nvec_vc1.1_XM_001631607.3
OG: SMAD_MH1.HG1.5:like:SMAD1/SMAD5/S
PFAM: MH1/MH2
motif: ARCH733_Smad2/Smad3_Smad9/S...
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 125
gene expression correlation: −0.1053
gene score correlation: −0.0290



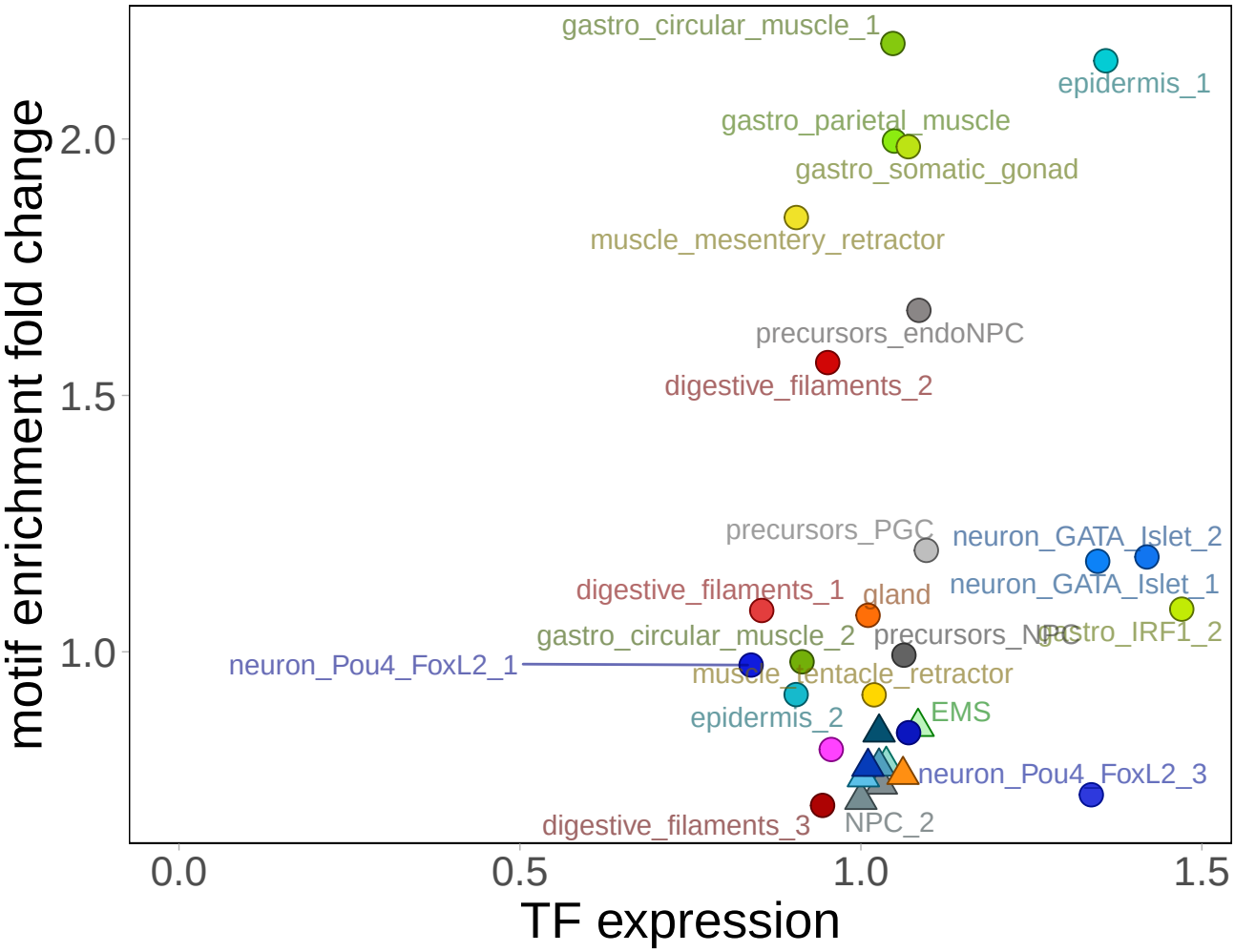
Nvec_vc1.1_XM_001631673.3
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.4187
gene score correlation: 0.6214



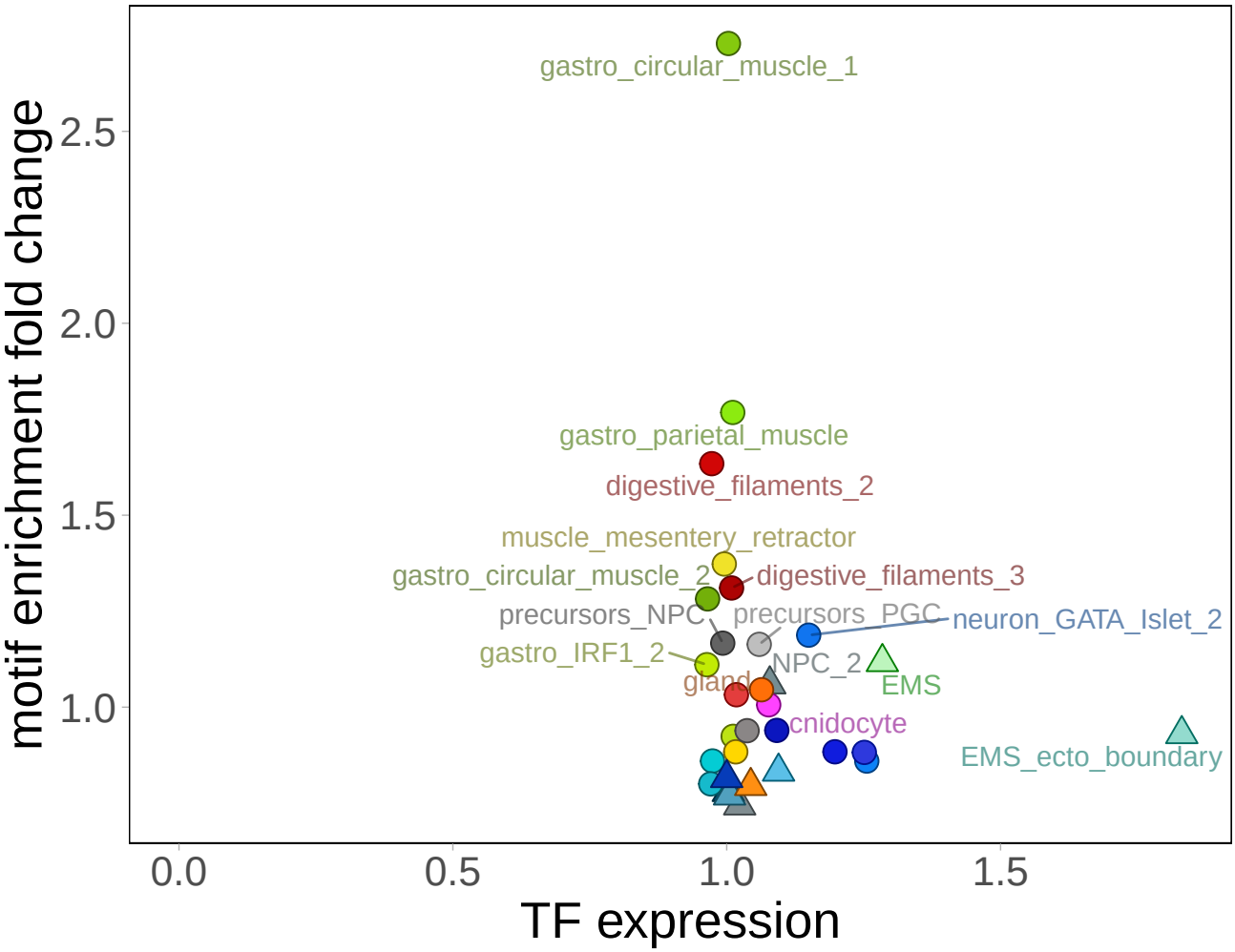
Nvec_vc1.1_XM_001632367.3
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH167_Nanog
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.1728
gene score correlation: 0.3344



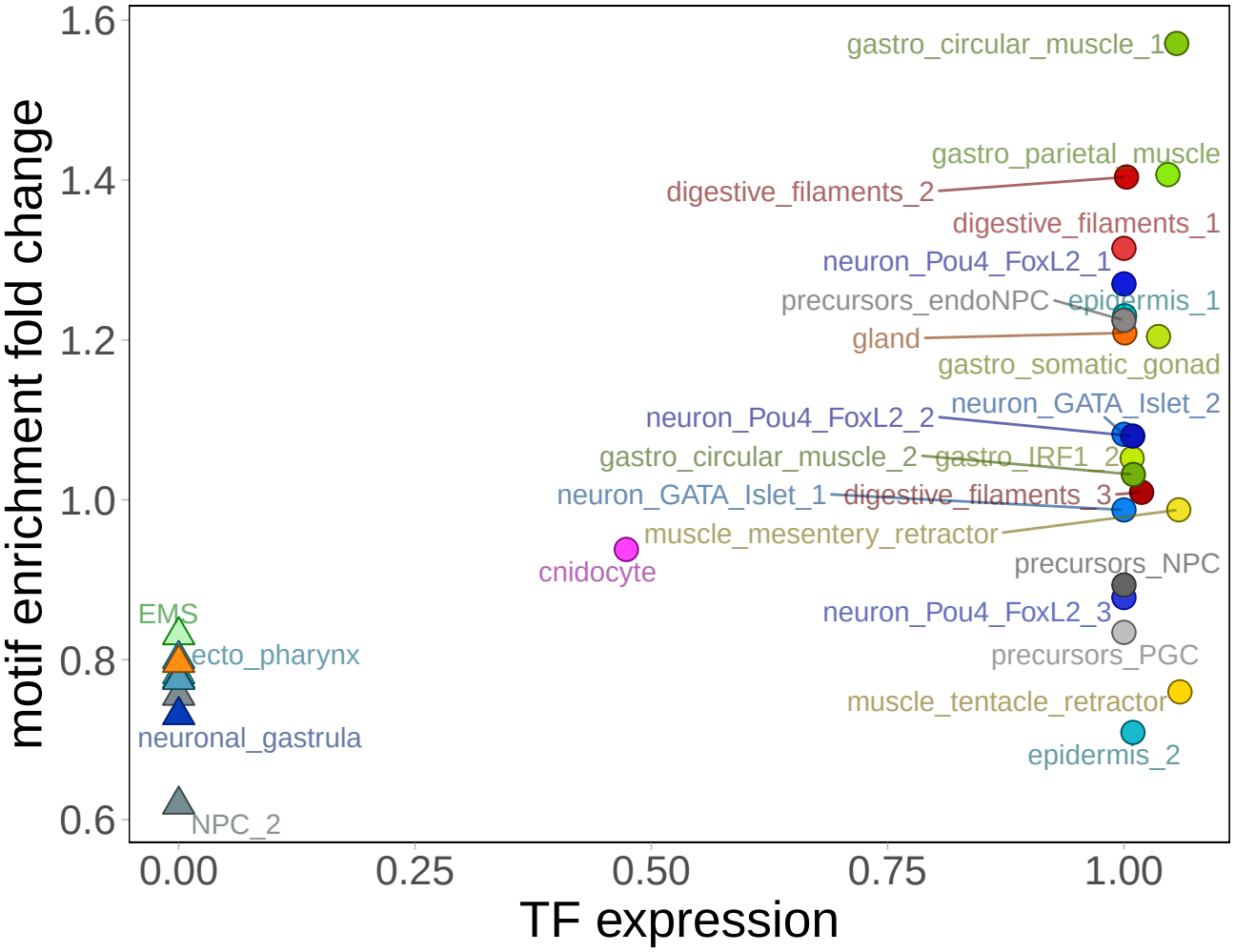
Nvec_vc1.1_XM_001632368.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH1520_Nkx2−2/Nkx2−9
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.1518
gene score correlation: 0.7097



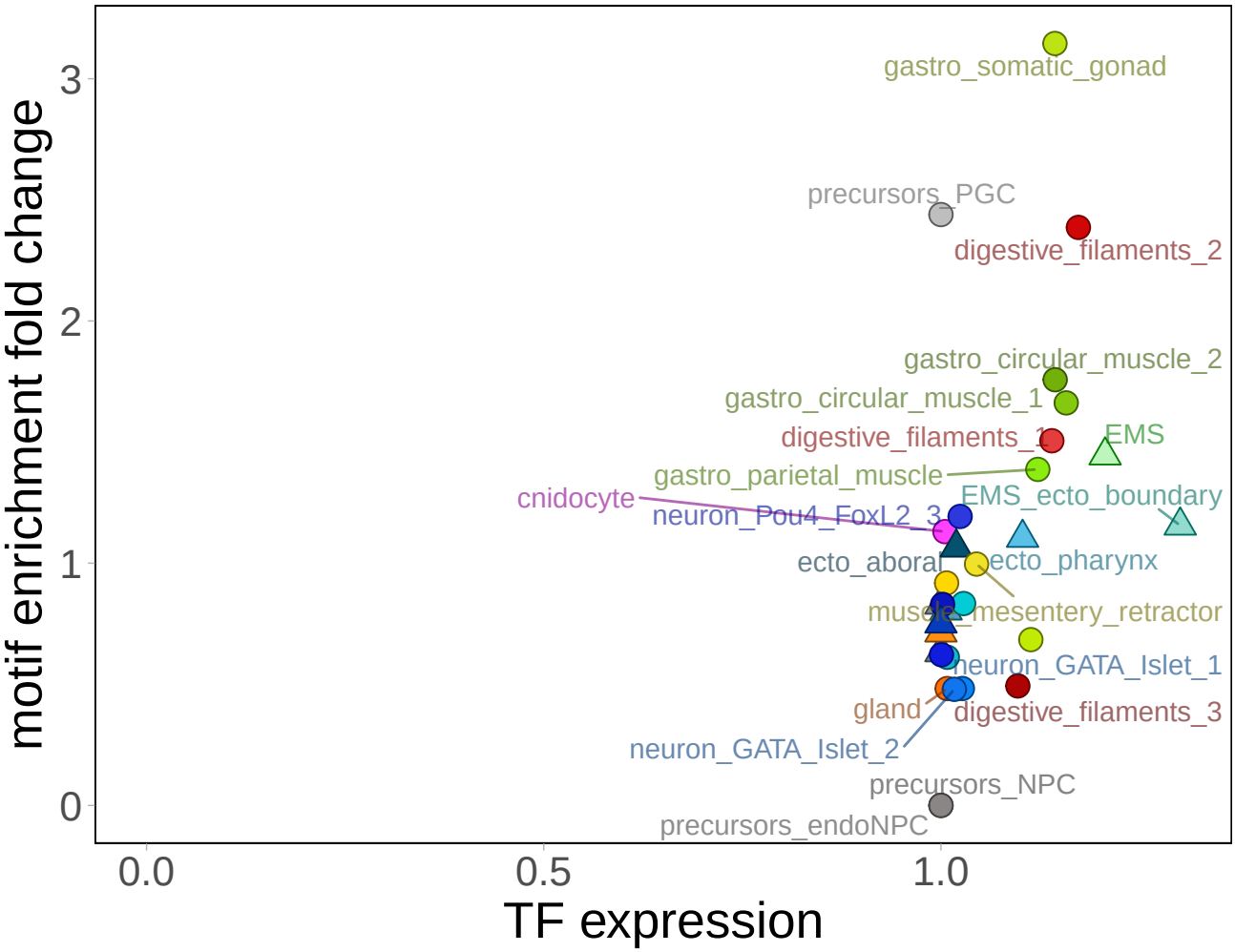
Nvec_vc1.1_XM_001632824.3
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 10
gene expression correlation: −0.1681
gene score correlation: 0.3233



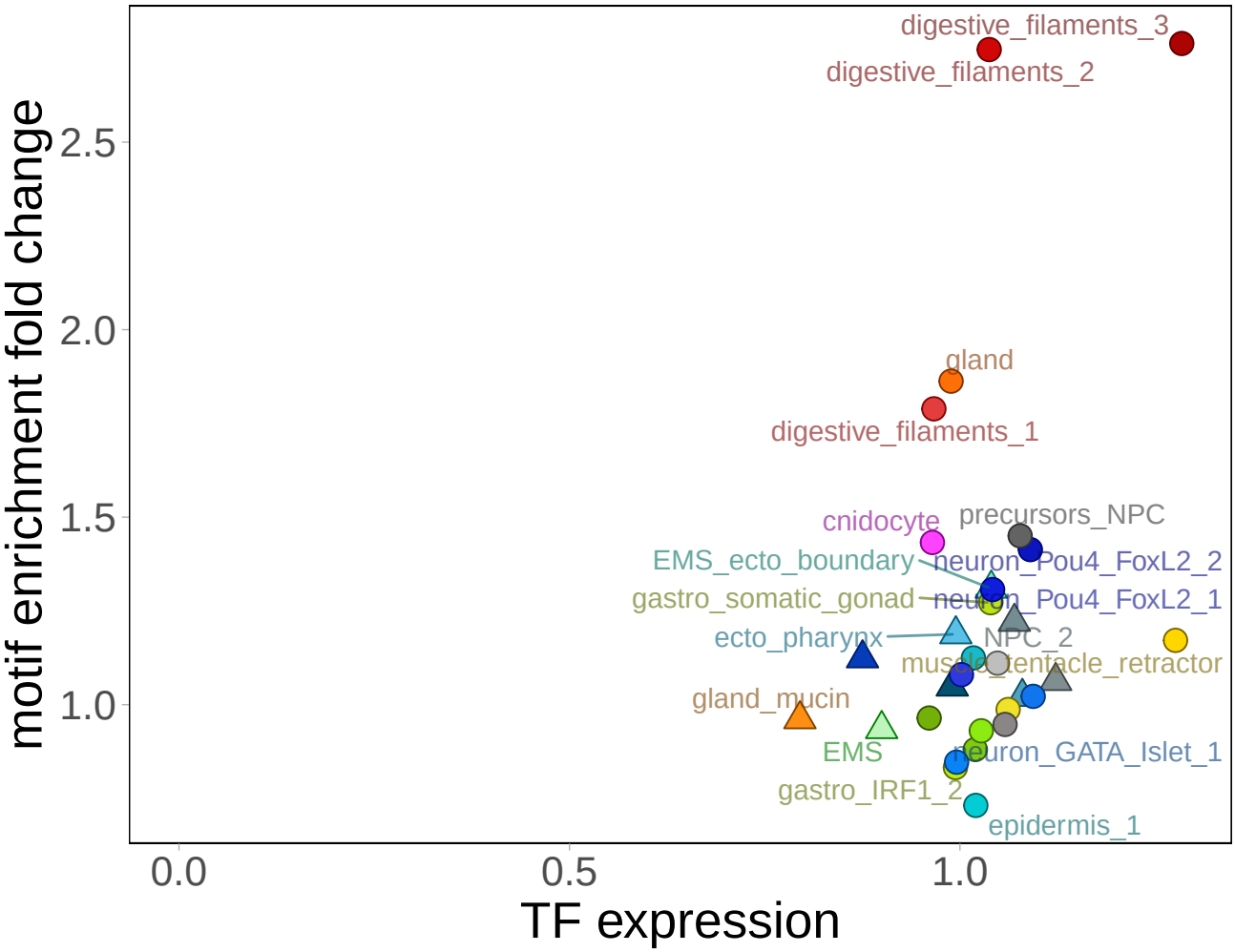
Nvec_vc1.1_XM_001632826.3
OG: HLH.HG1.67:HAND1/HAND2
PFAM: HLH
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 138
gene expression correlation: 0.6444
gene score correlation: 0.1901



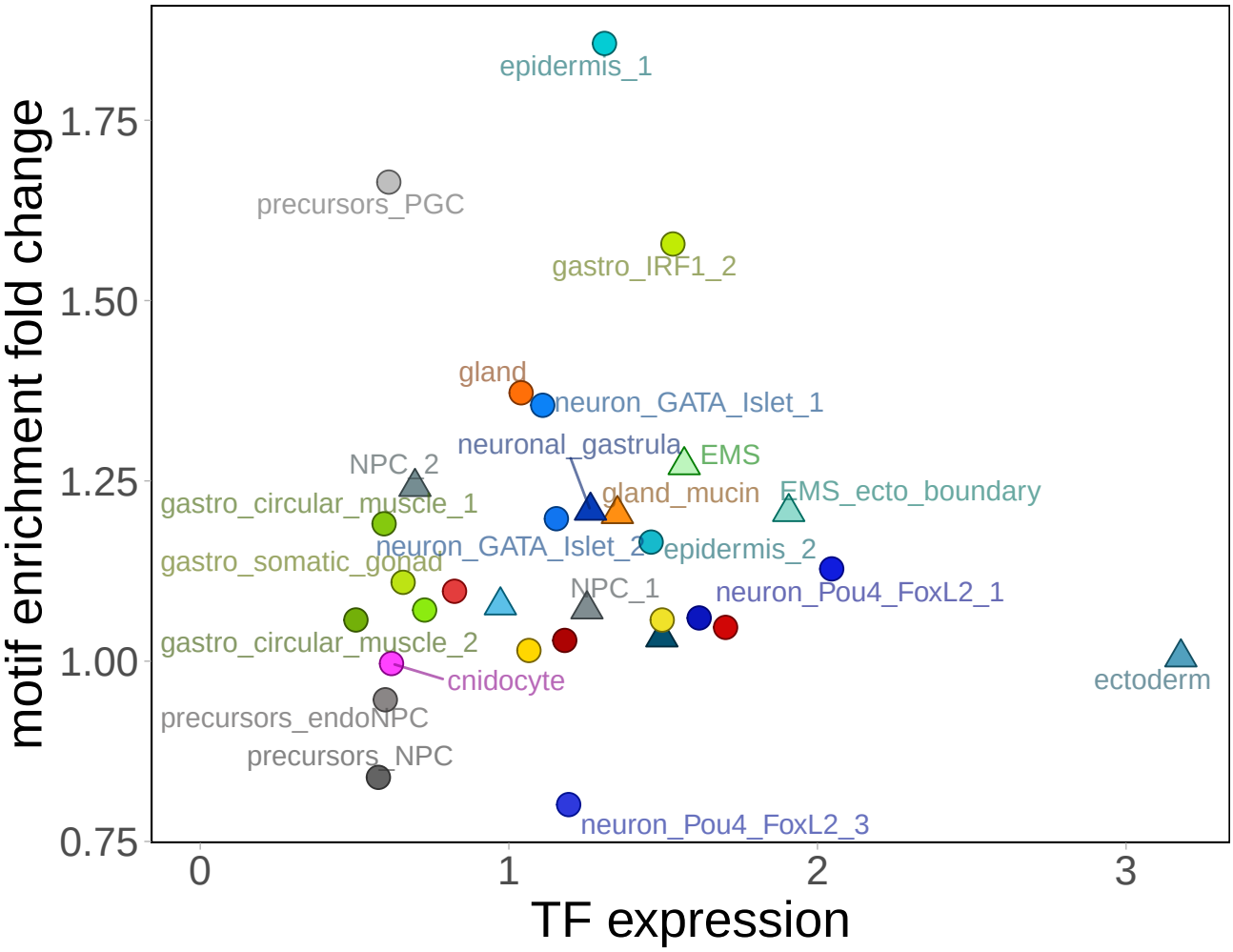
Nvec_vc1.1_XM_001633156.3
OG: T−box.HG1.1:like:MGA/TBX1/TBX2/TBX3
PFAM: T−box
motif: ARCH839_Tbx10/Tbx1_Tbx18/Tb...
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 120
gene expression correlation: 0.5063
gene score correlation: 0.2545



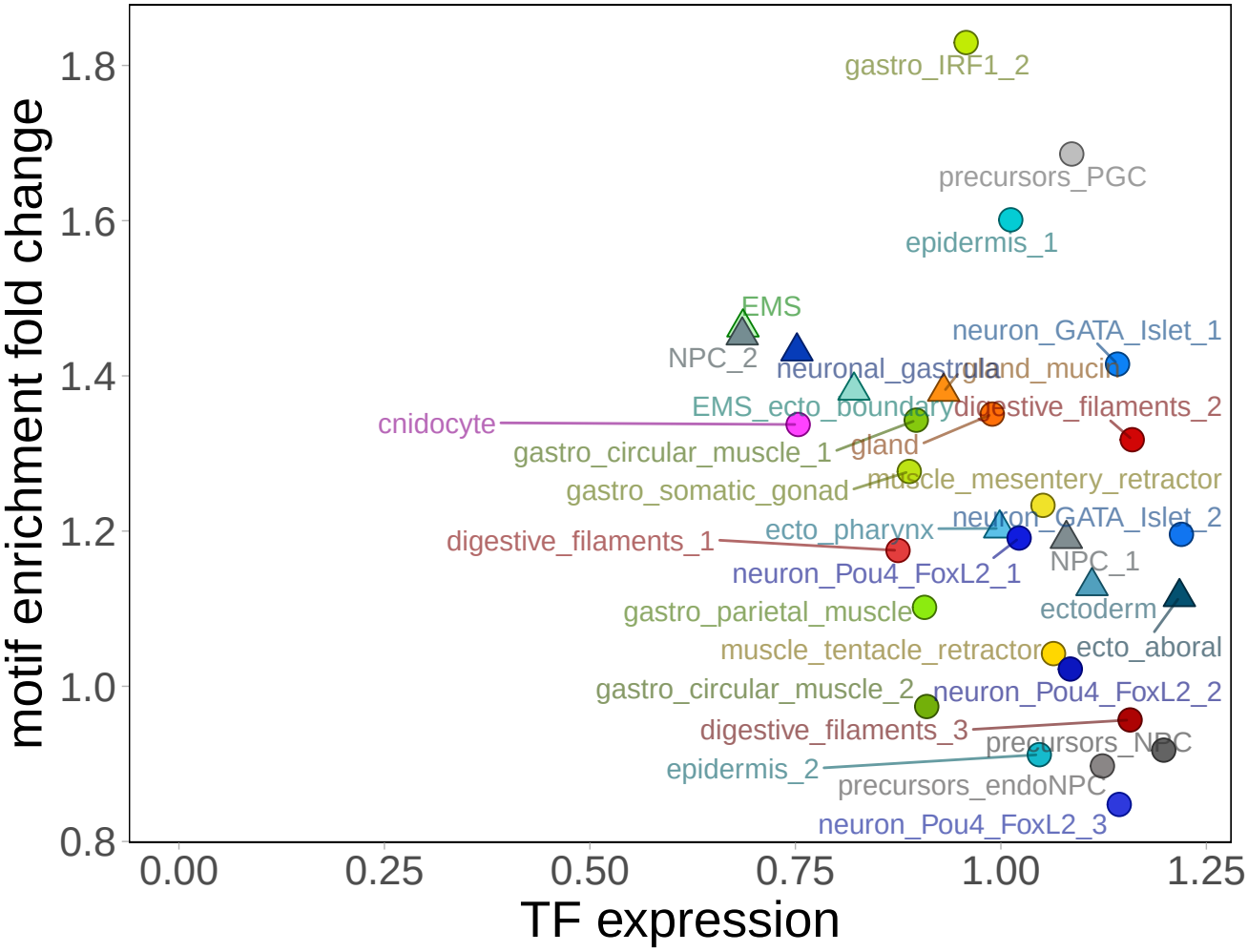
Nvec_vc1.1_XM_001633239.3
OG: NFYB_NFYC.HG1.0:DRAP1
PFAM: CBFD_NFYB_HMF
motif: ARCH888_Foxo1
TF family: NFYB_NFYC
archetype family:
CisBP assigned: FALSE
rank: 757
gene expression correlation: 0.3439
gene score correlation: −0.0252



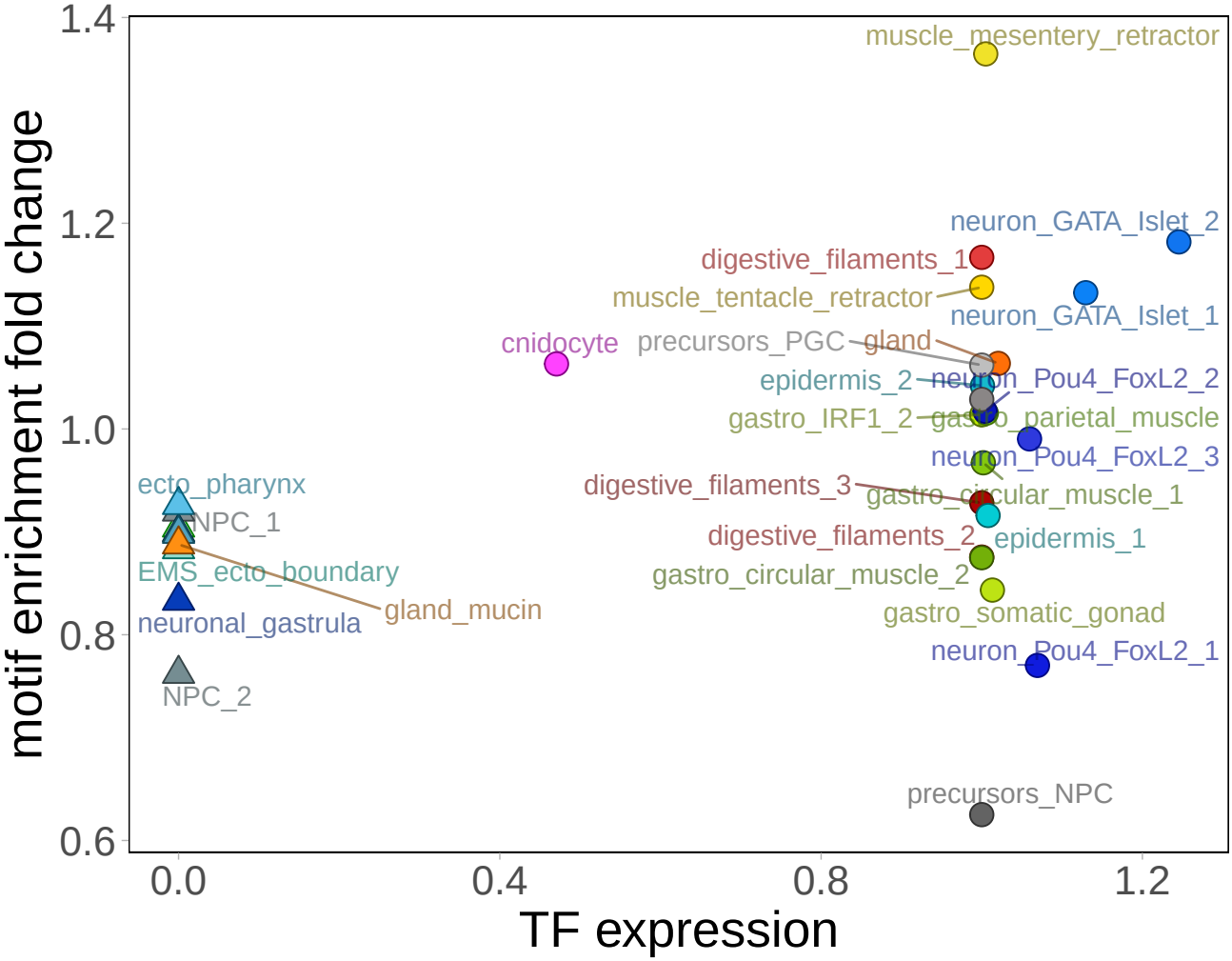
Nvec_vc1.1_XM_001633273.3
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH1611_Fos/Fosb/Fosl1/Fosl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.0046
gene score correlation: 0.1502



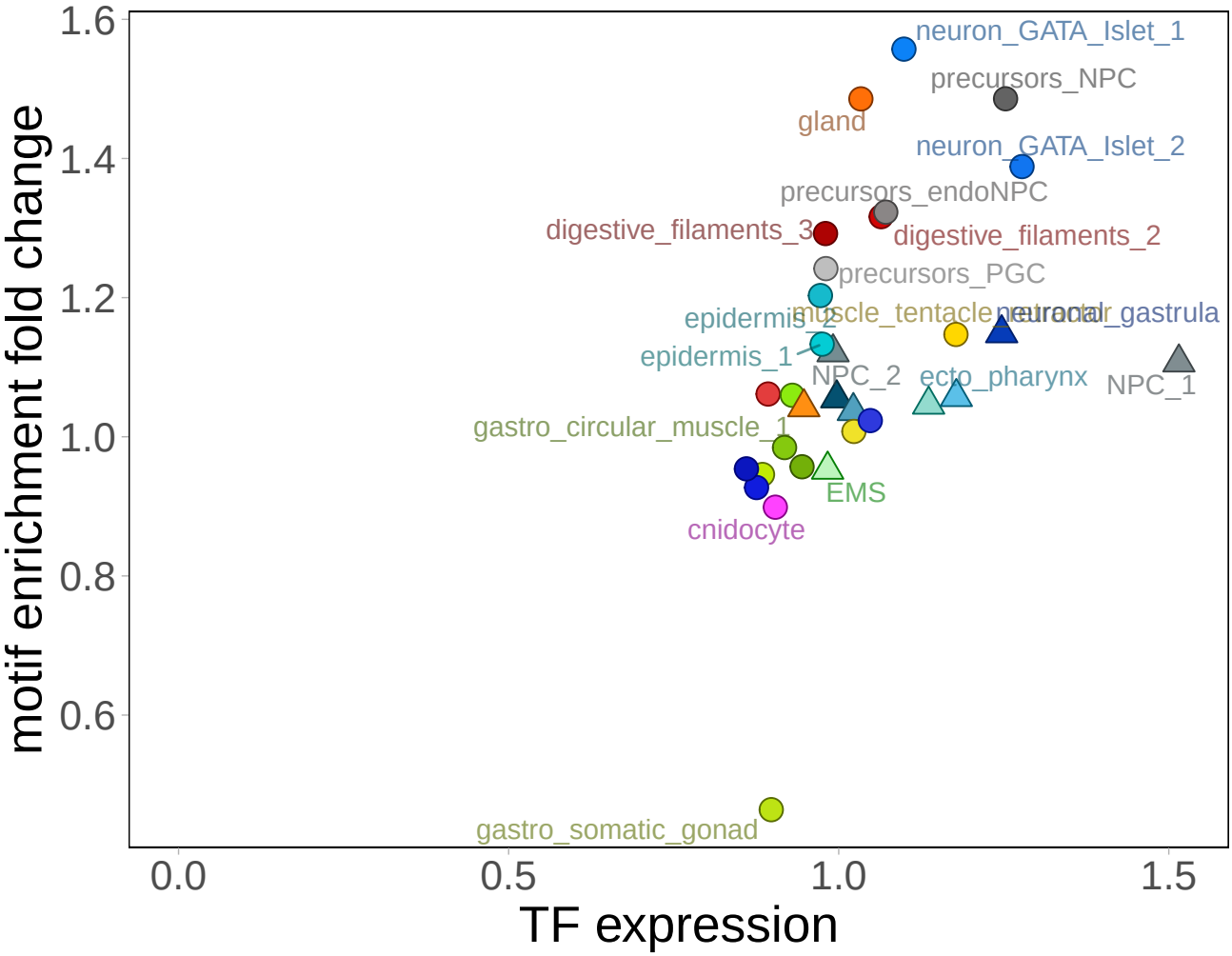
Nvec_vc1.1_XM_001633393.3
OG: bZIP.HG1.18:ATF1/CREB1/CREM
PFAM: pKID/bZIP_1
motif: ARCH1608_Atf3/Jdp2_Crem/Cre...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 280
gene expression correlation: −0.4290
gene score correlation: 0.2073



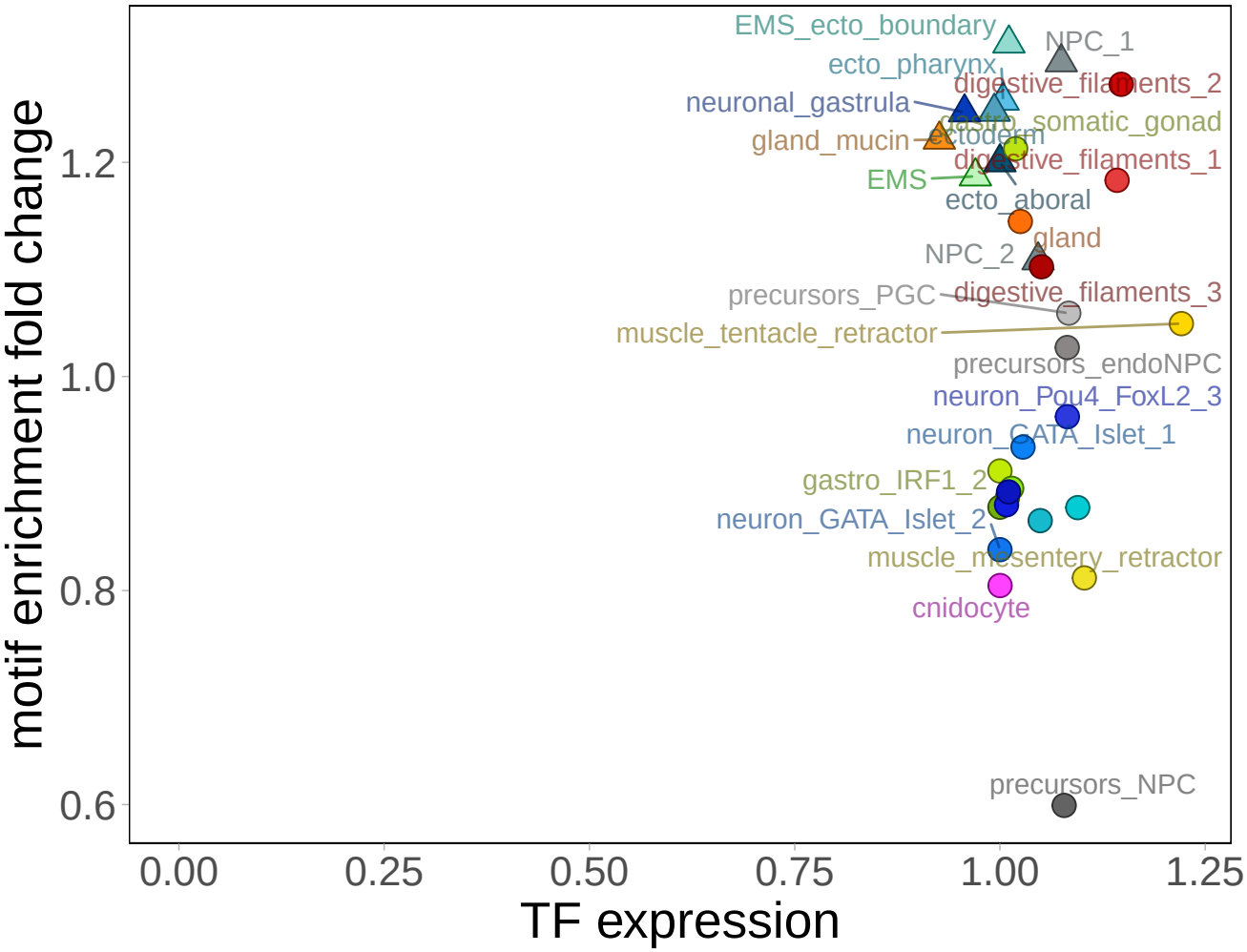
Nvec_vc1.1_XM_001633398.3
OG: zf−C2H2.HG19.1:PRDM14
PFAM: zf−H2C2_2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 208
gene expression correlation: 0.3917
gene score correlation: 0.1832



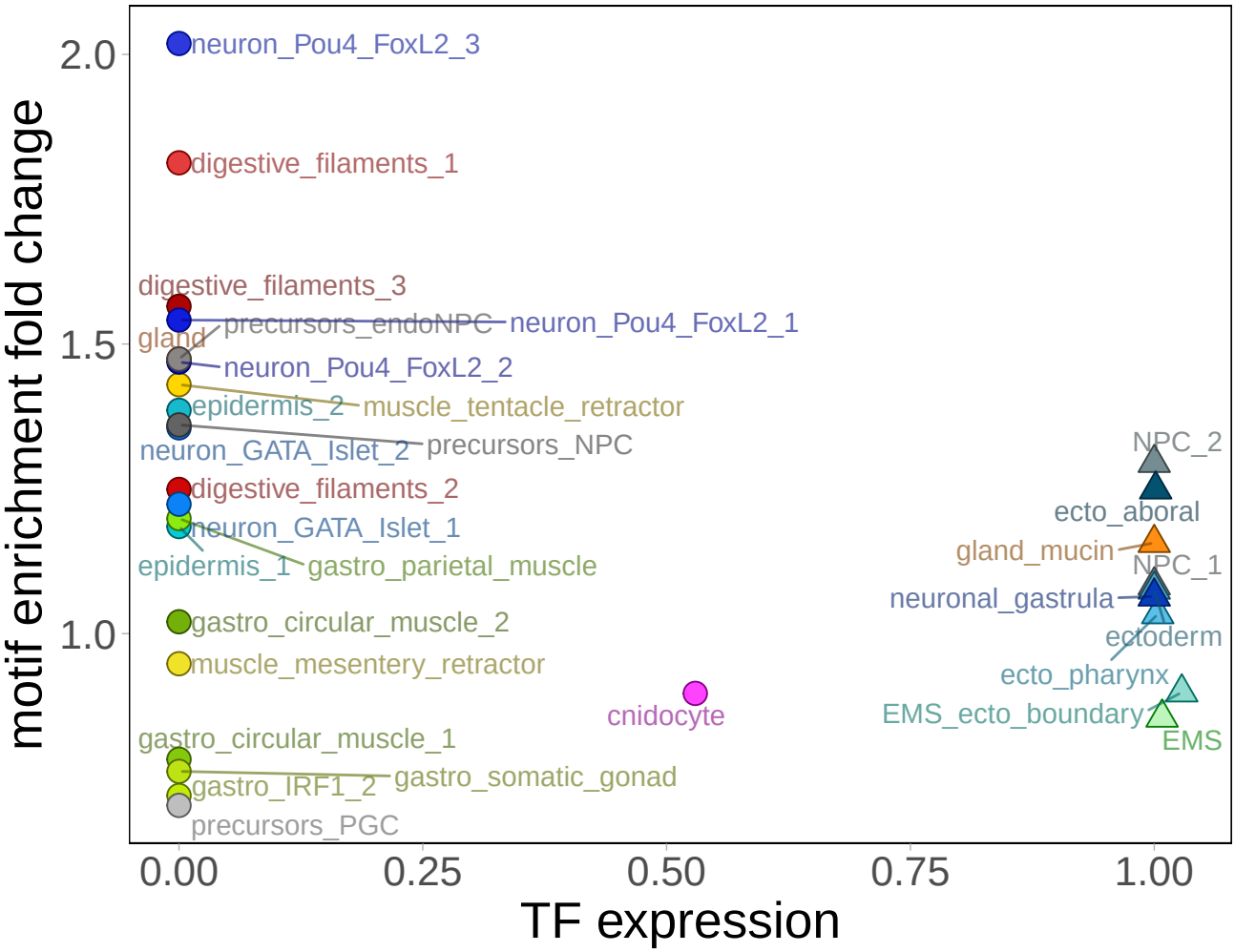
Nvec_vc1.1_XM_001633484.3
OG: LAG1_CSL.HG1.0:RBPJ/RBPJL
PFAM: LAG1−DNAbind/BTD
motif: ARCH908_dof43
TF family: LAG1_CSL
archetype family:
CisBP assigned: FALSE
rank: 208
gene expression correlation: 0.4511
gene score correlation: 0.5598



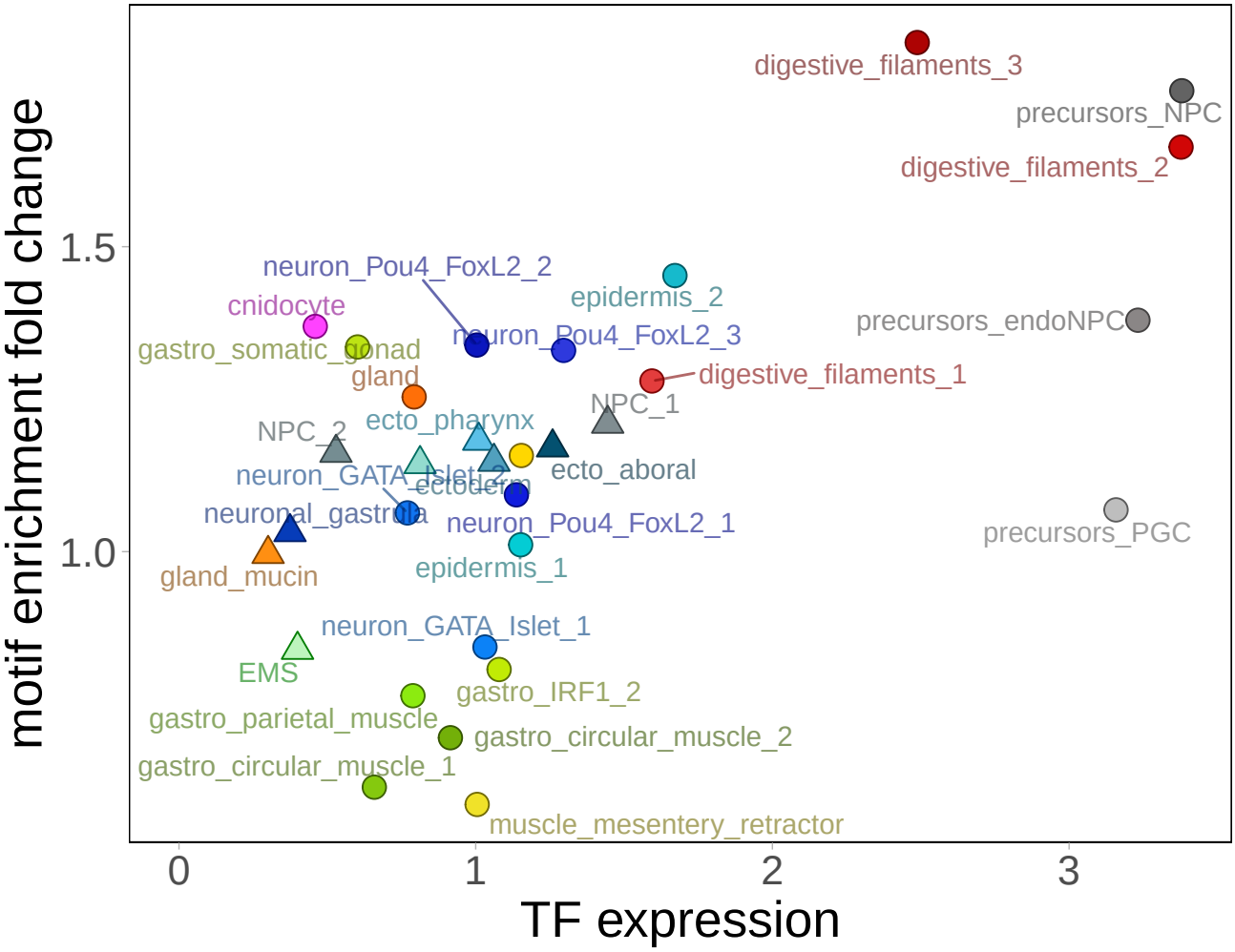
Nvec_vc1.1_XM_001633504.3
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH604_YER051W
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 225
gene expression correlation: −0.0891
gene score correlation: −0.3323



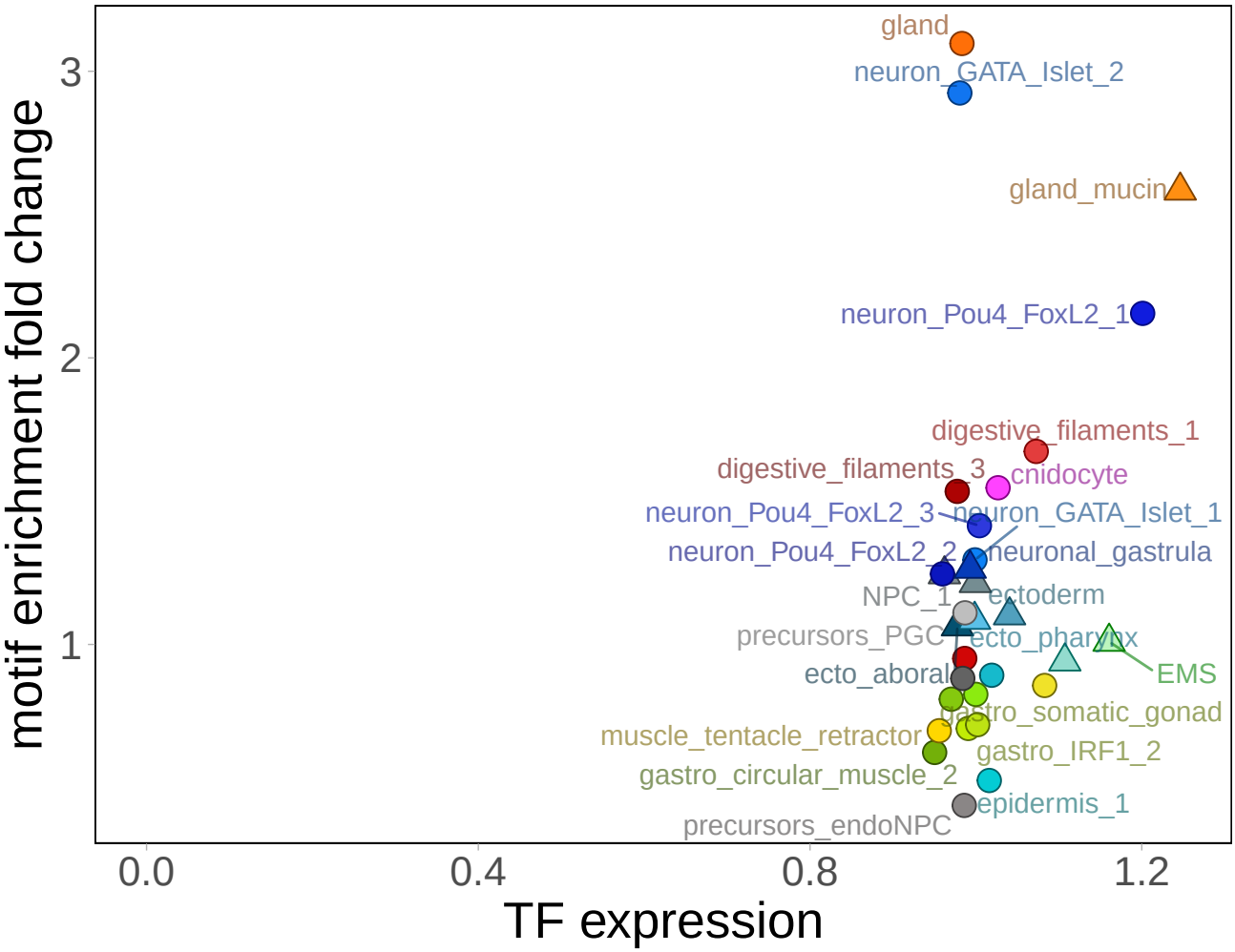
Nvec_vc1.1_XM_001633541.3
OG: Homeodomains.HG3.5:like:IRX1/IRX2/IRX
PFAM: SIX1_SD/Homeobox_KN
motif: ARCH271_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 72
gene expression correlation: −0.2945
gene score correlation: −0.2959



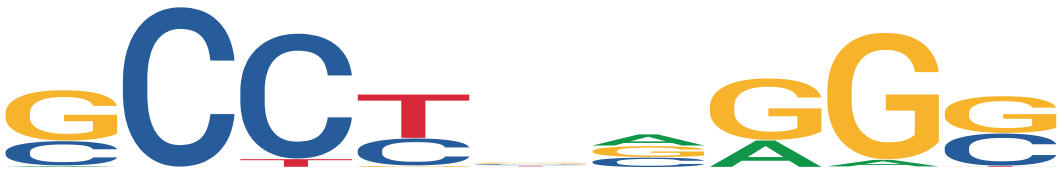
Nvec_vc1.1_XM_001633762.3
OG: HMGbox_Sox.HG1.37:like:SSRP1
PFAM: HMG_box/HMG_box
motif: ARCH1177_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 27
gene expression correlation: 0.5893
gene score correlation: 0.5089

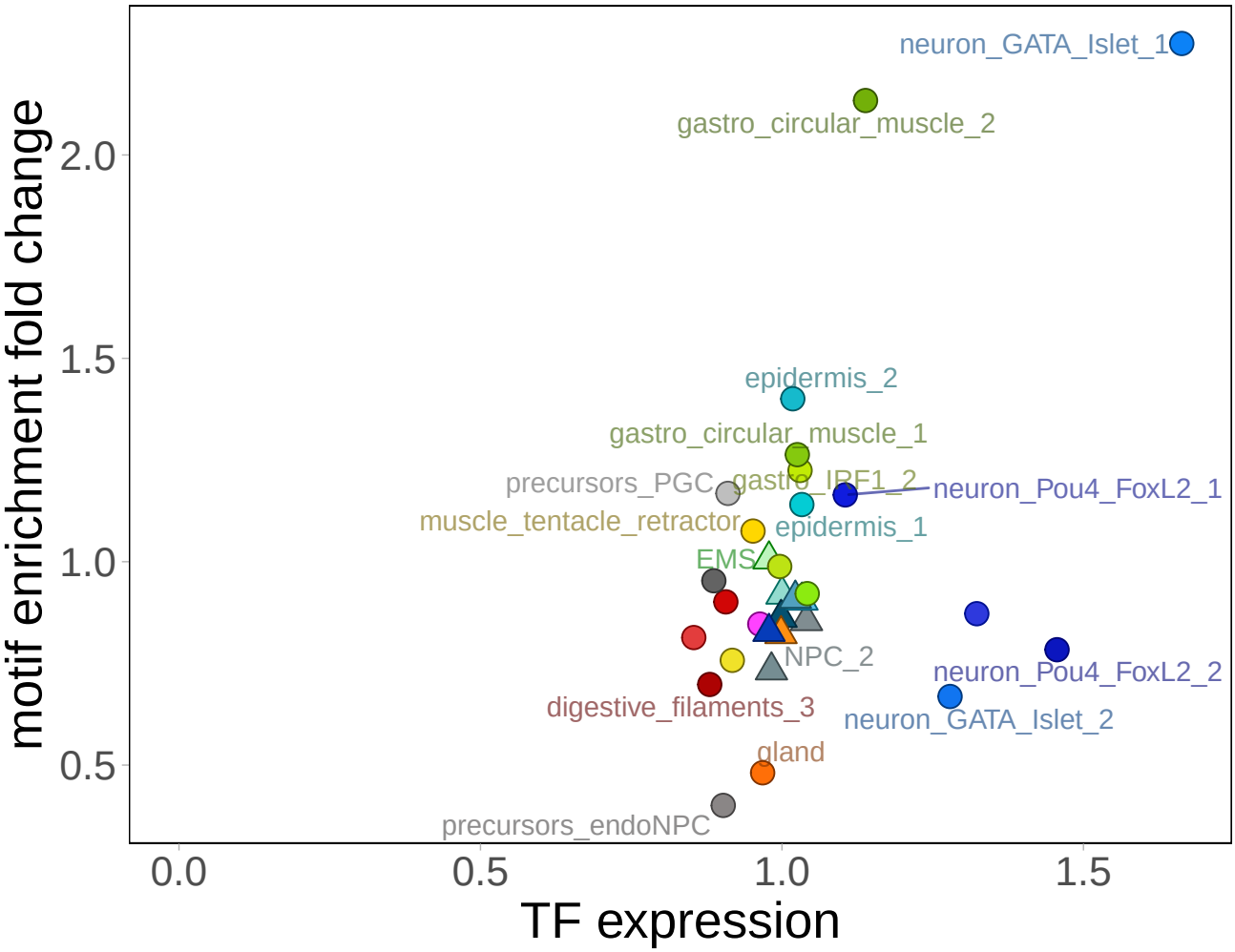


Nvec_vc1.1_XM_001633772.3
OG: zf−C2H2.HG4.1:like:GLI1/GLI2/GLI3/GLIS
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH652_/Rfx5_Rfx1/Rfx3/Rfx...
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 589
gene expression correlation: 0.3283
gene score correlation: 0.1584

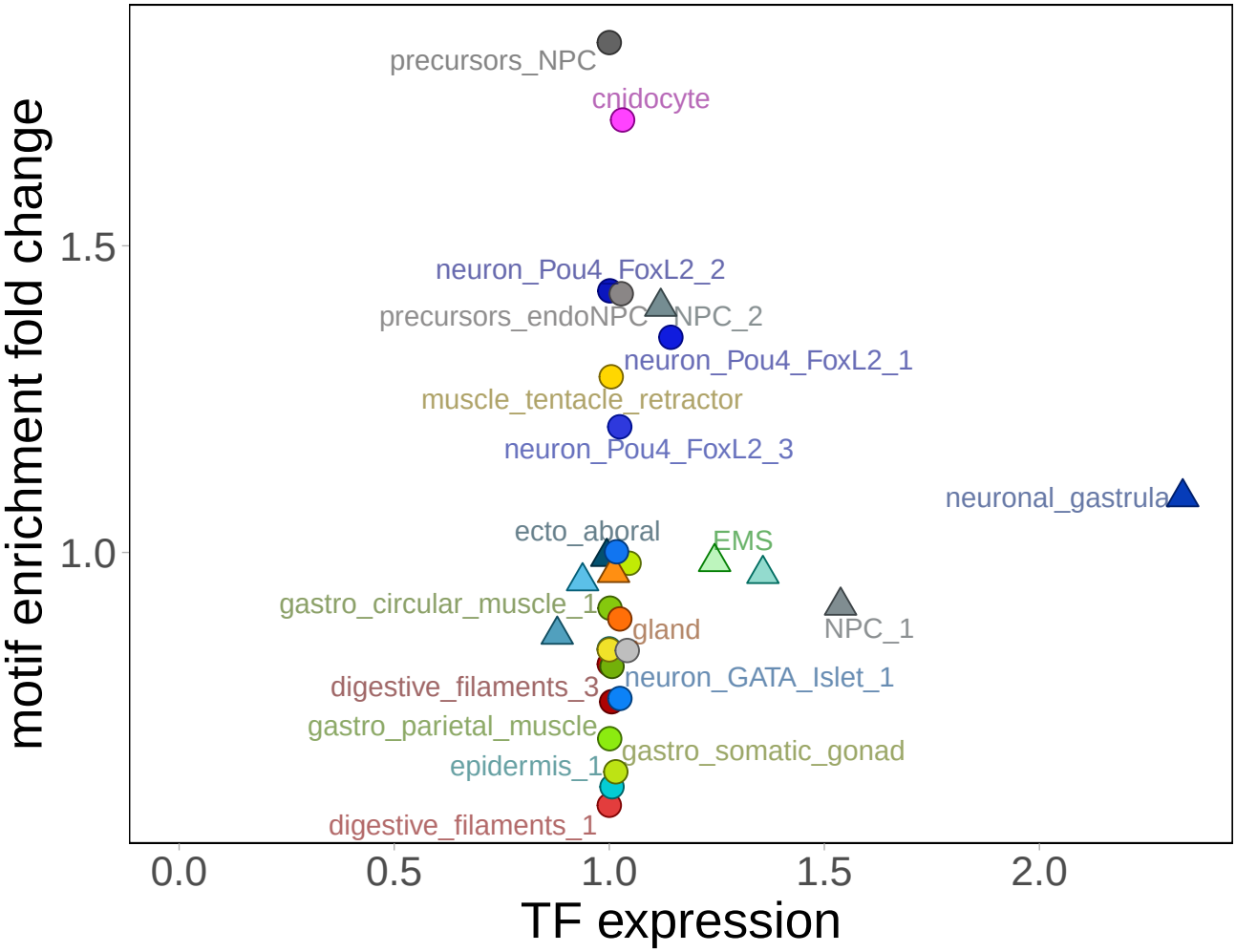


Nvec_vc1.1_XM_001633894.3
OG: AP−2.HG1.0:TFAP2A/TFAP2B/TFAP2C/T
PFAM: TF_AP−2
motif: ARCH387_TFAP2E
TF family: AP2
archetype family: AP2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.4847
gene score correlation: 0.6097

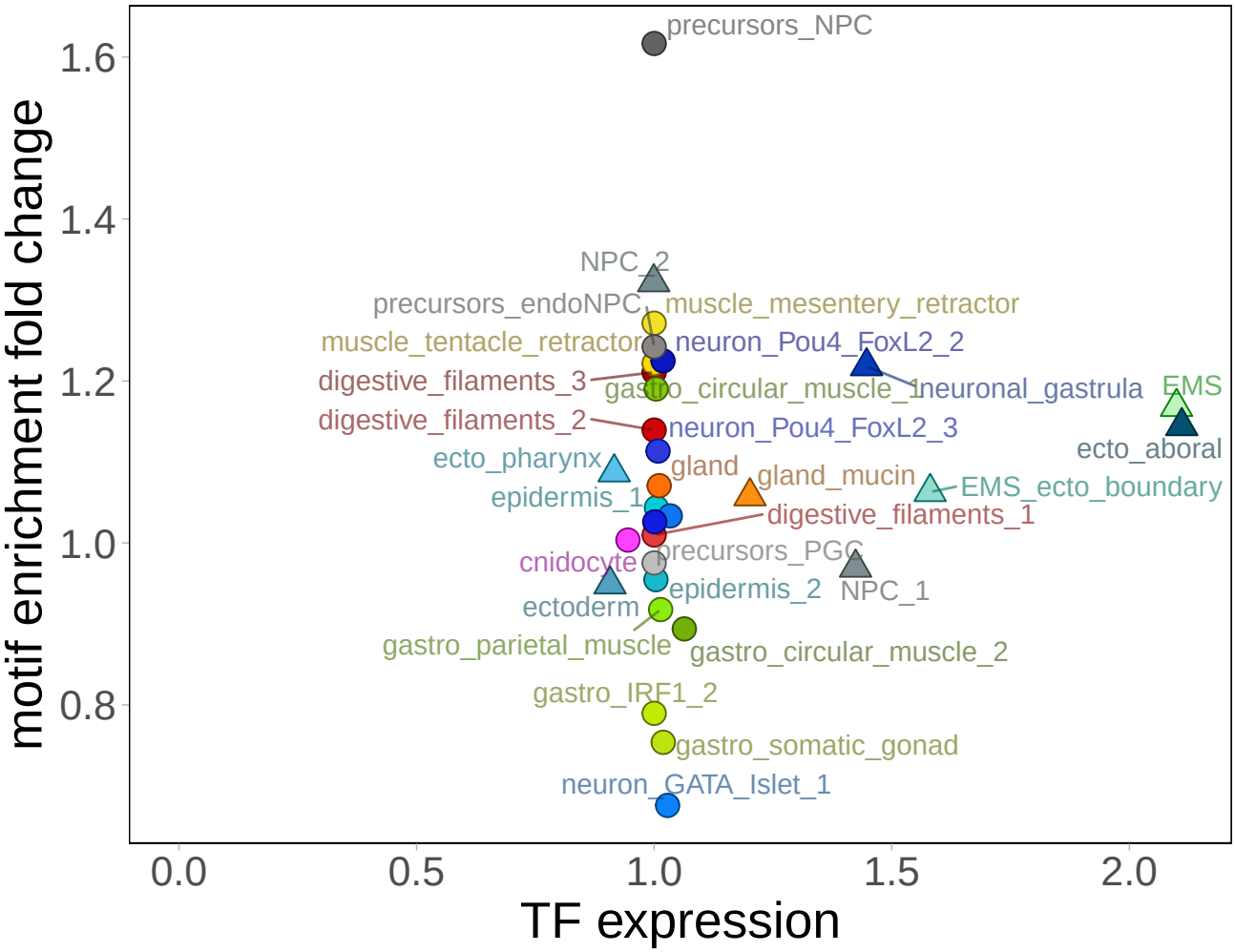




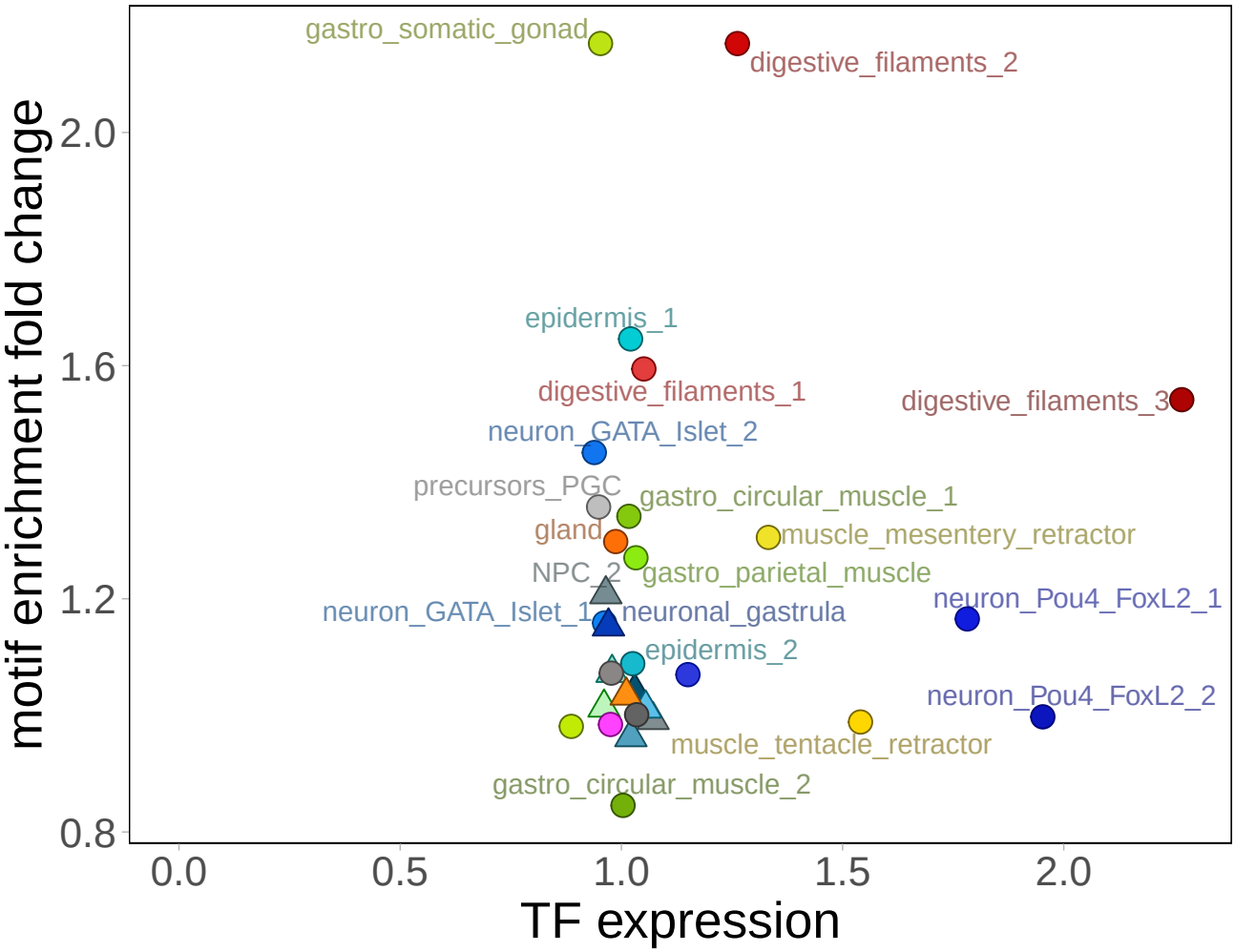
Nvec_vc1.1_XM_001633901.3
OG: T−box.HG1.11:TBX2/TBX3
PFAM: T−box
motif: ARCH484_Tbx3/Tbx2
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 172
gene expression correlation: 0.0644
gene score correlation: 0.6688



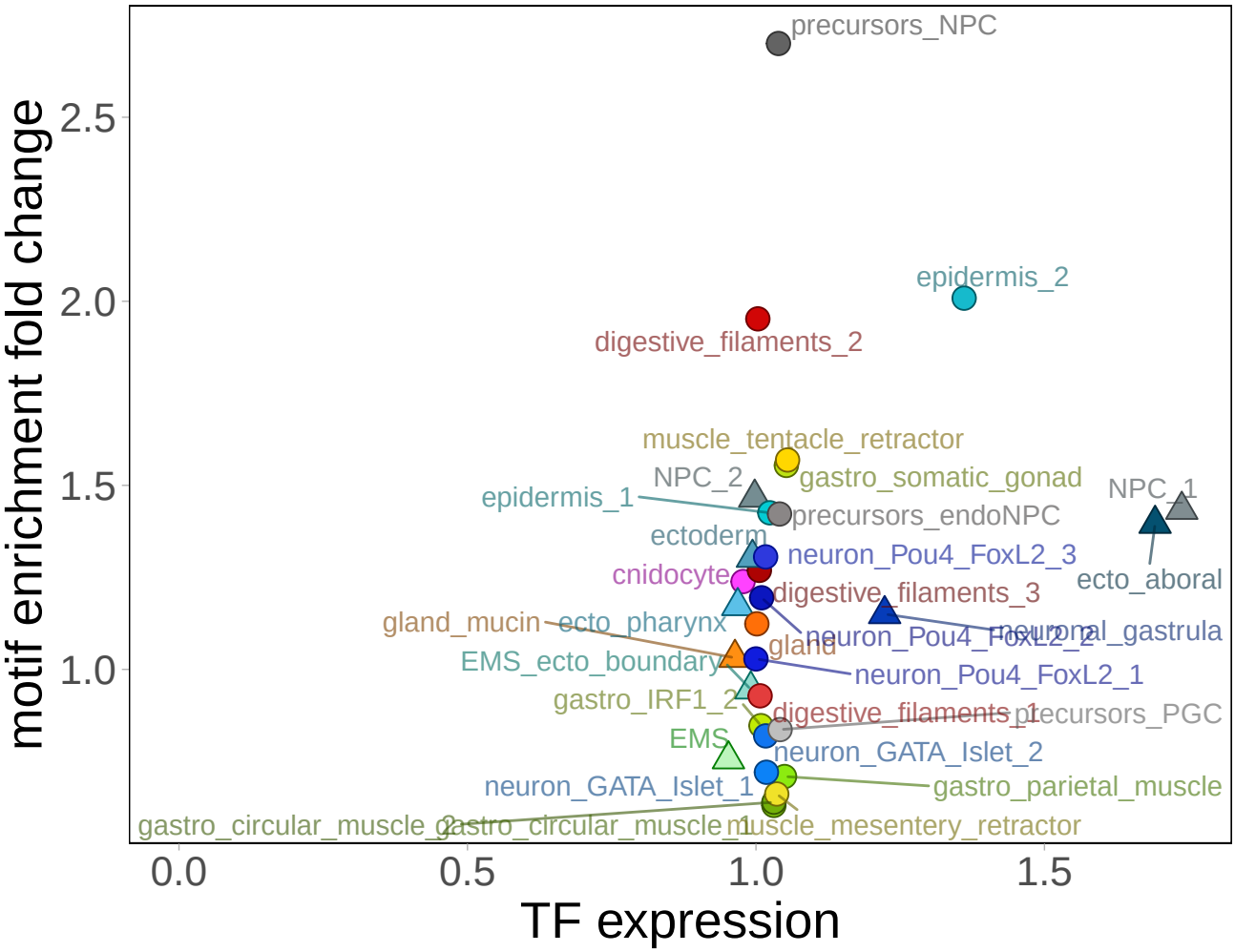
Nvec_vc1.1_XM_001633902.3
OG: T−box.HG1.12:TBX4/TBX5
PFAM: T−box
motif: ARCH837_Tbx10/Tbx1_Tbx18/Tb...
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 63
gene expression correlation: 0.1015
gene score correlation: 0.1760



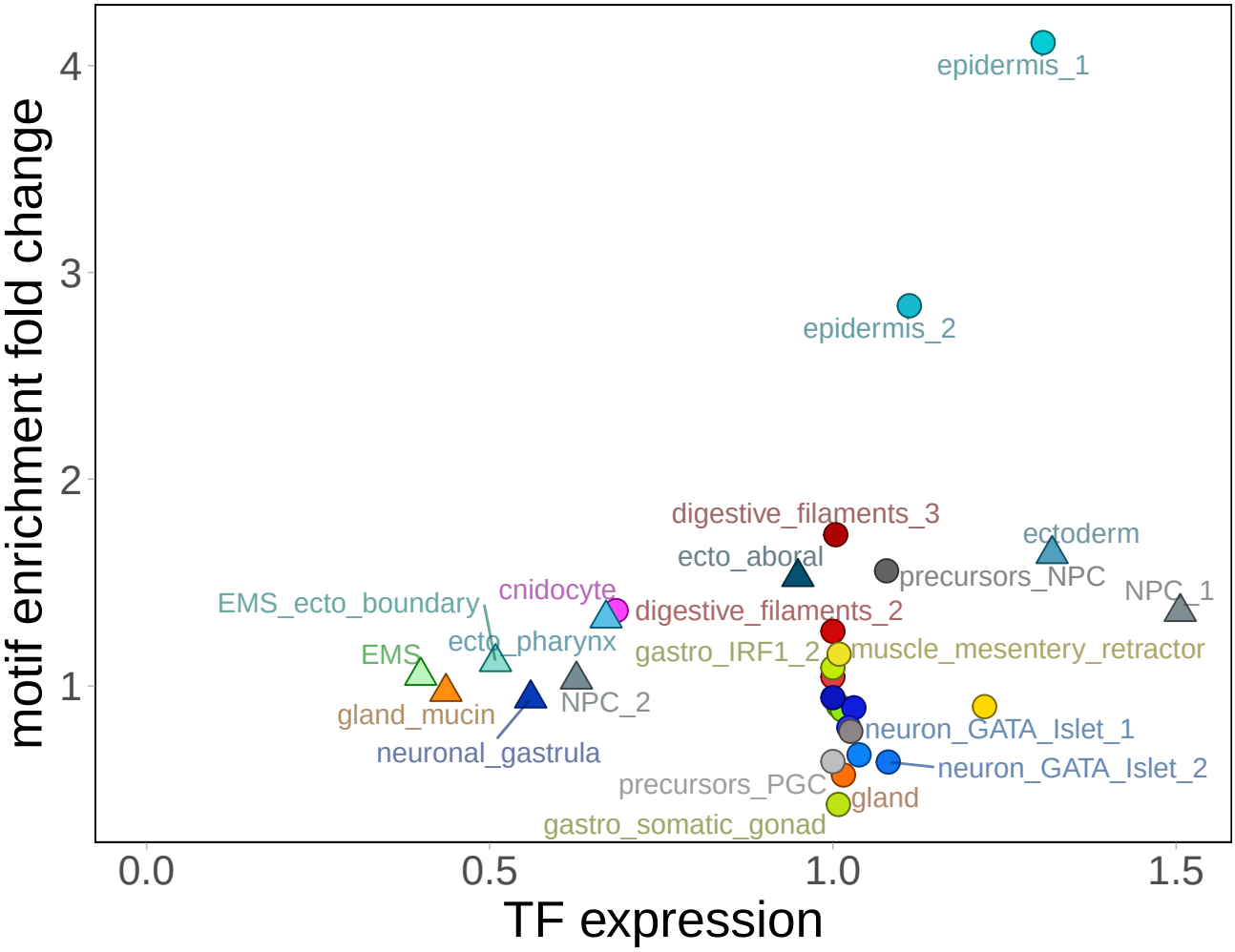
Nvec_vc1.1_XM_001633995.3
OG: Homeodomains.HG3.22:IRX1/IRX2/IRX3/
PFAM: Homeobox_KN
motif: ARCH126_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 35
gene expression correlation: 0.0733
gene score correlation: 0.2060



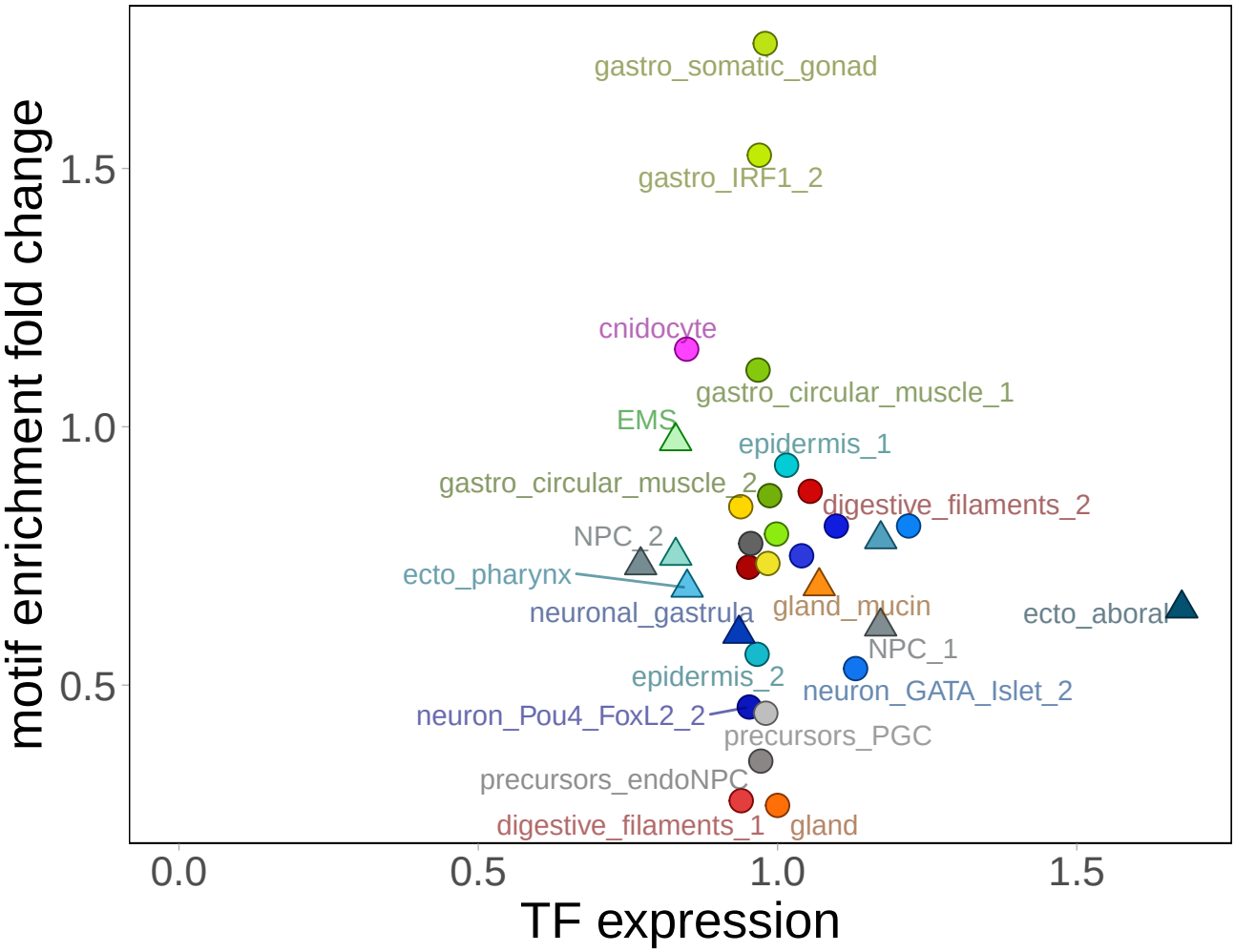
Nvec_vc1.1_XM_001634111.3
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead
motif: ARCH1175_/Sox4/Sox11_Foxc2/...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 34
gene expression correlation: 0.2410
gene score correlation: 0.7350



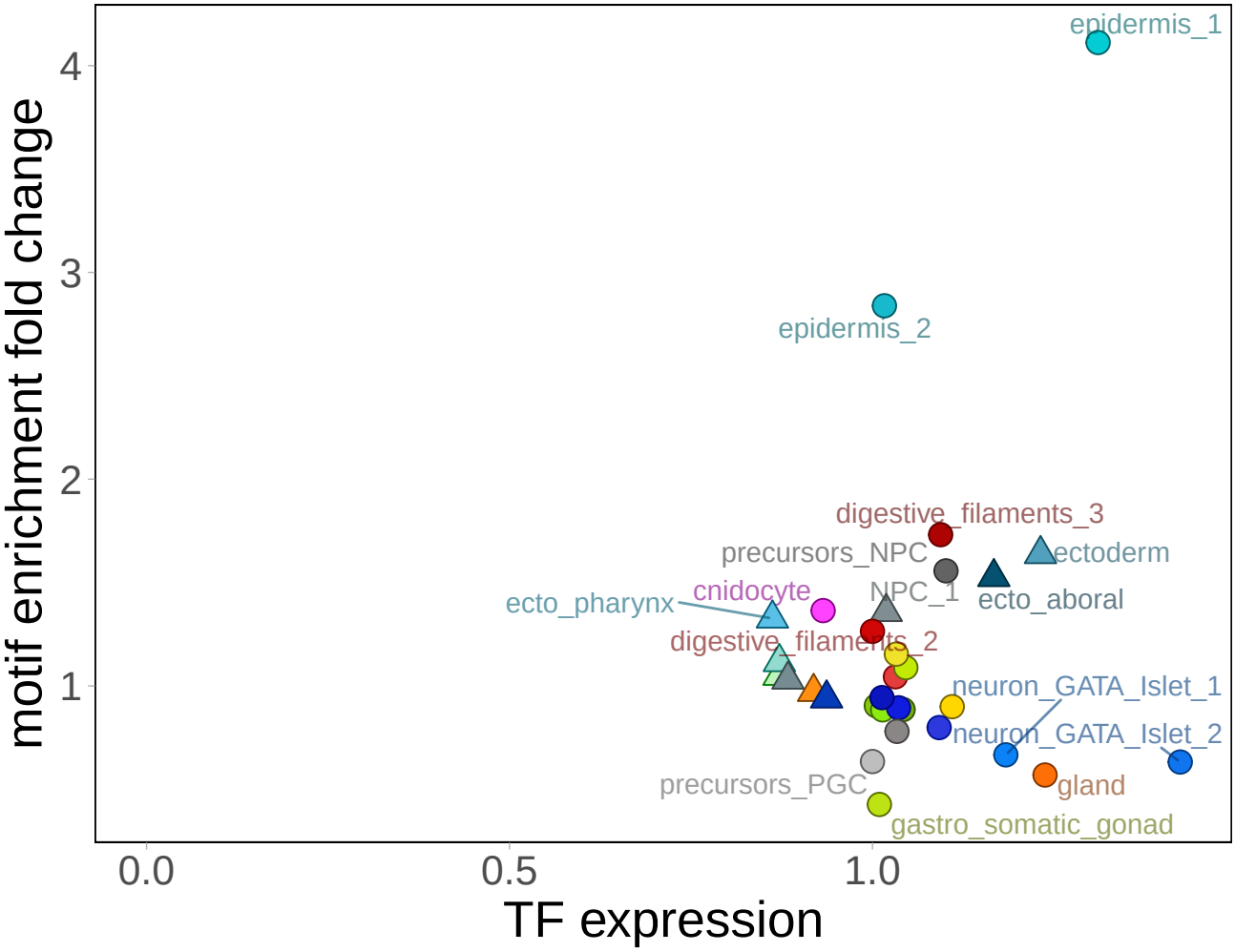
Nvec_vc1.1_XM_001634116.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2701
gene score correlation: 0.6735



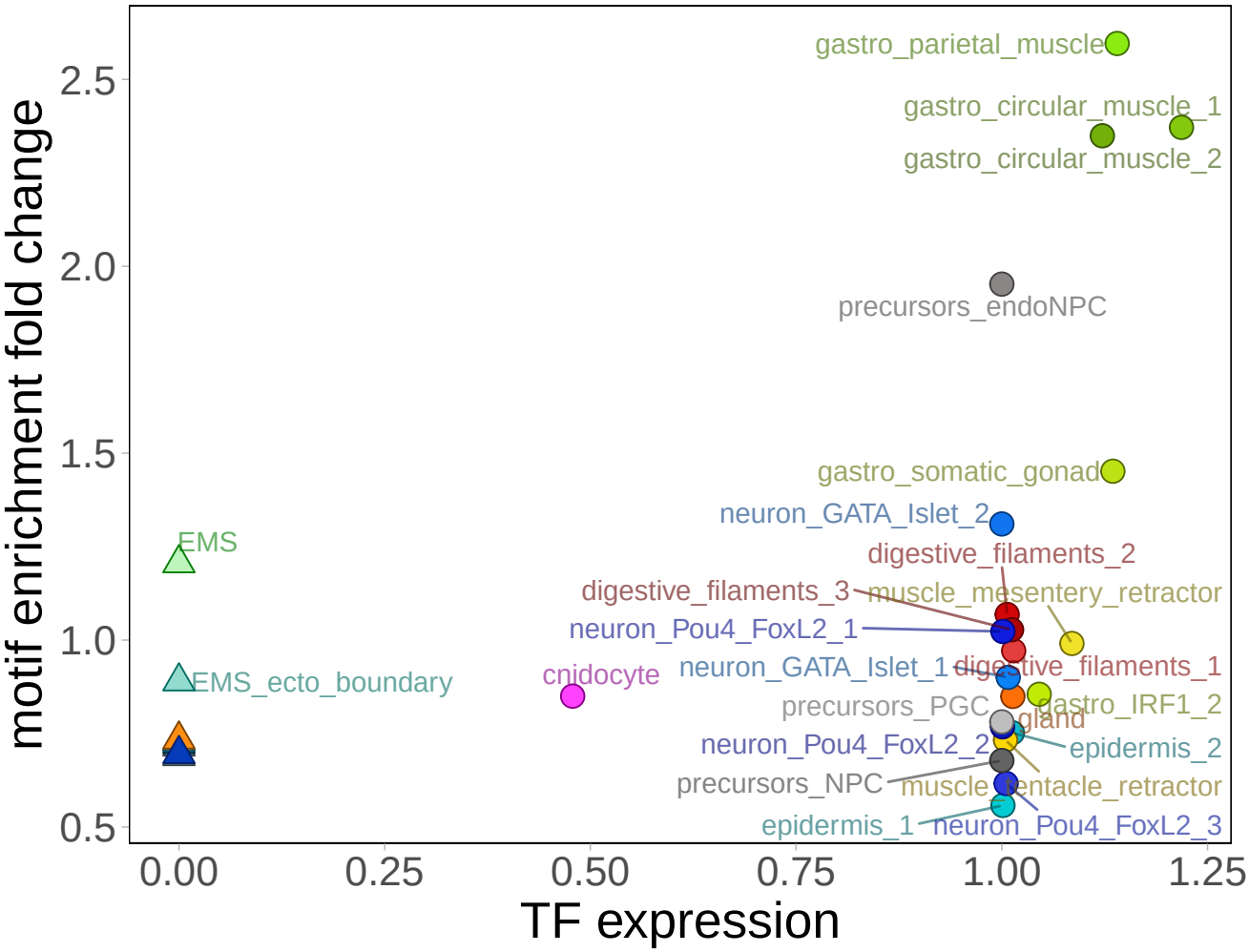
Nvec_vc1.1_XM_001634132.3
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5
PFAM: zf−C2H2/zf−C2H2
motif: ARCH405_Sp6/Sp5_Sp7/Sp8/Sp9
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 860
gene expression correlation: −0.1114
gene score correlation: −0.0745



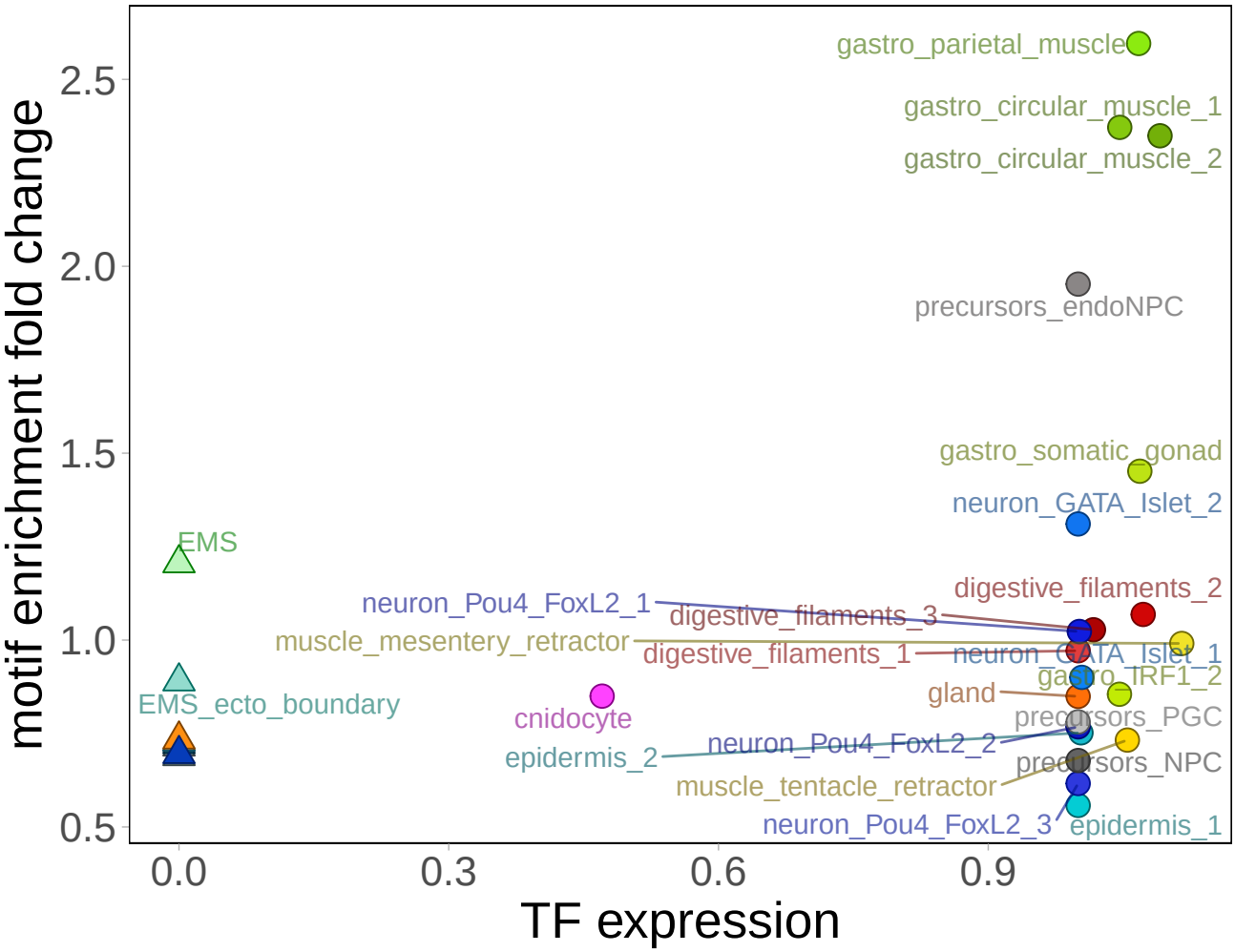
Nvec_vc1.1_XM_001634160.3
OG: Homeodomains.HG2.57:RAX/RAX2
PFAM: Homeodomain/OAR
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2249
gene score correlation: 0.6964



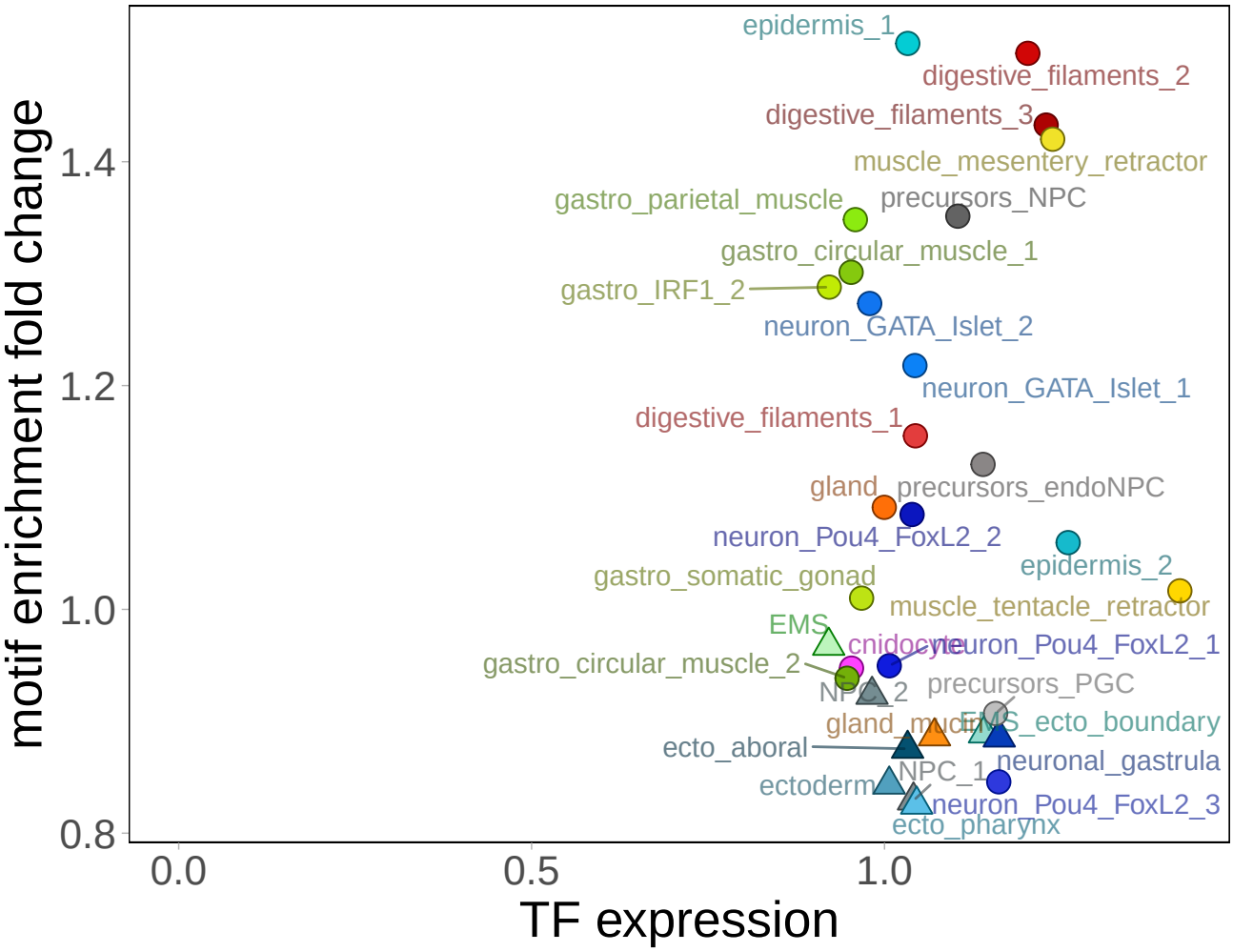
Nvec_vc1.1_XM_001634198.3
OG: Homeodomains.HG1.70:HOXA2/HOXB2/P
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4025
gene score correlation: 0.7452



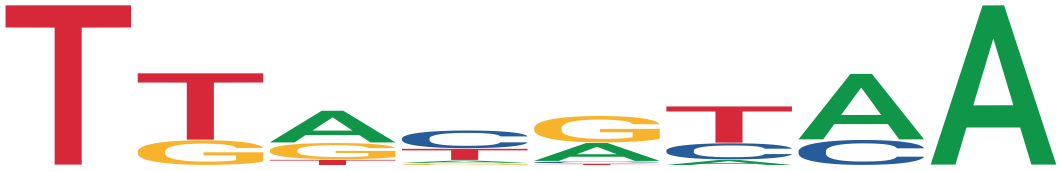
Nvec_vc1.1_XM_001634199.3
OG: Homeodomains.HG1.70:HOXA2/HOXB2/P
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3548
gene score correlation: 0.7538

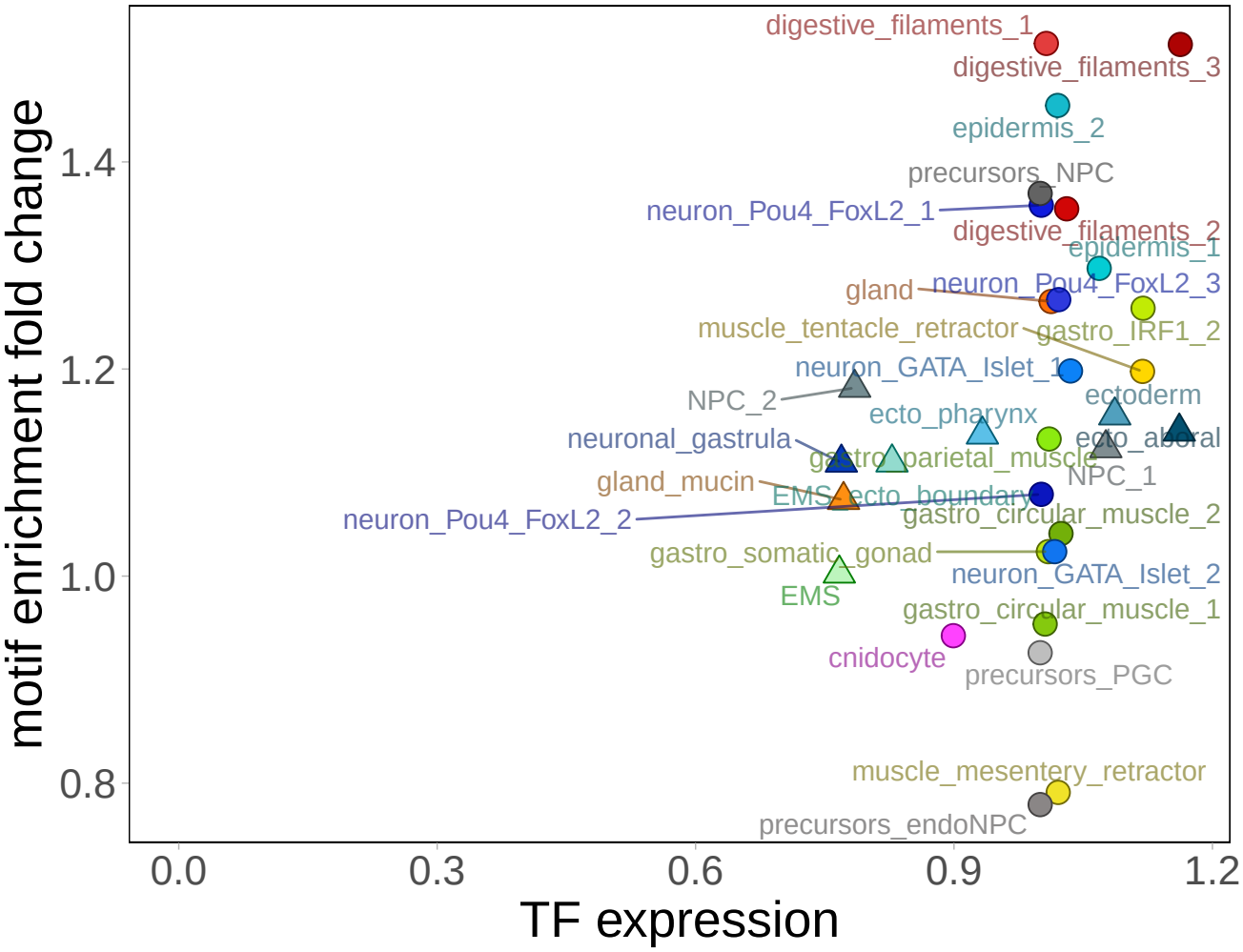


Nvec_vc1.1_XM_001634460.3
OG: bZIP.HG2.13:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH952_Fos/Fosb/Fosl1/Fosl...
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 98
gene expression correlation: 0.0988
gene score correlation: 0.4021

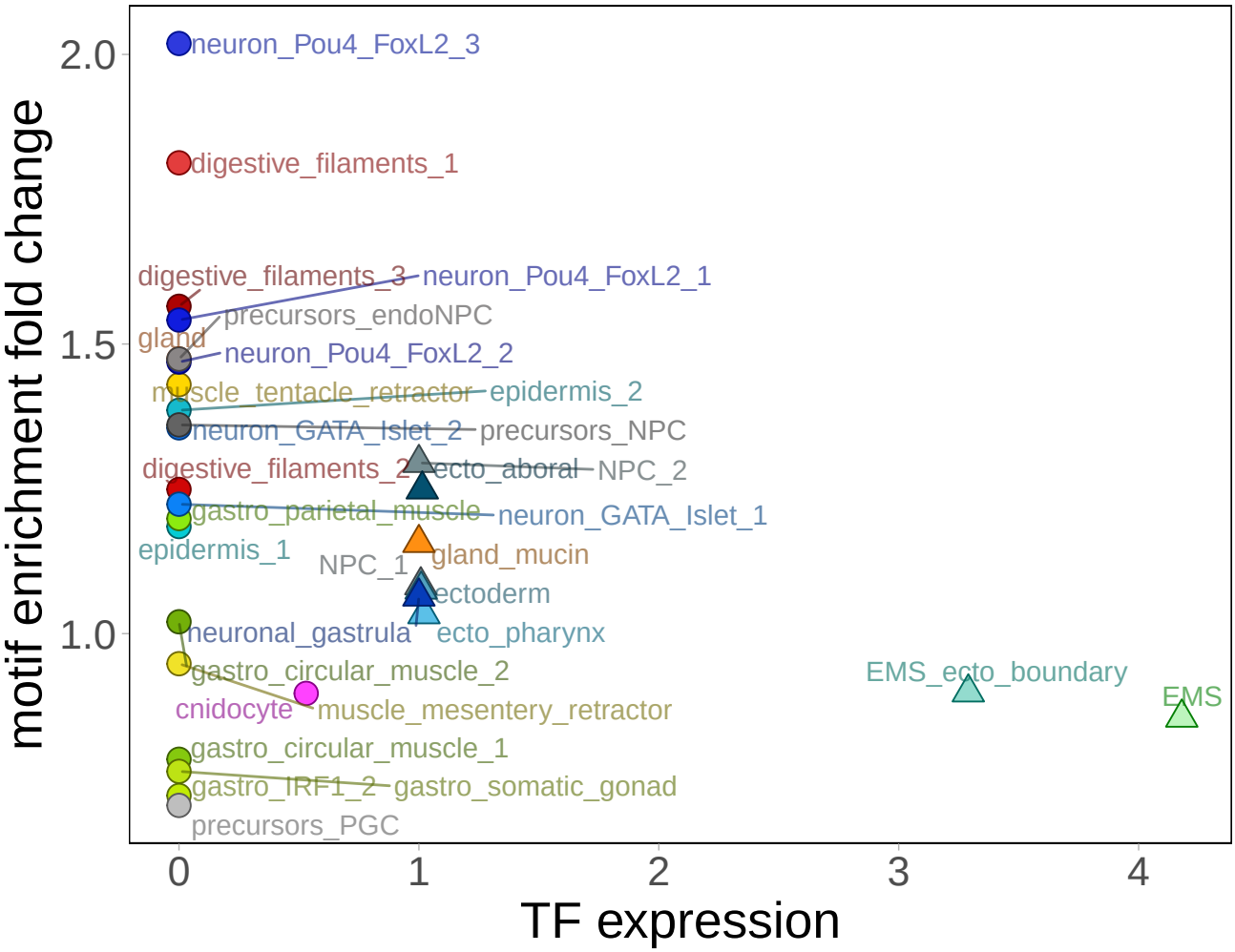


Nvec_vc1.1_XM_001634712.3
OG: HLH.HG2.0:EBF1/EBF2/EBF3/EBF4
PFAM: COE1_DBD/TIG/COE1_HLH
motif: ARCH1063_NFIL3
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 26
gene expression correlation: 0.2893
gene score correlation: 0.2435

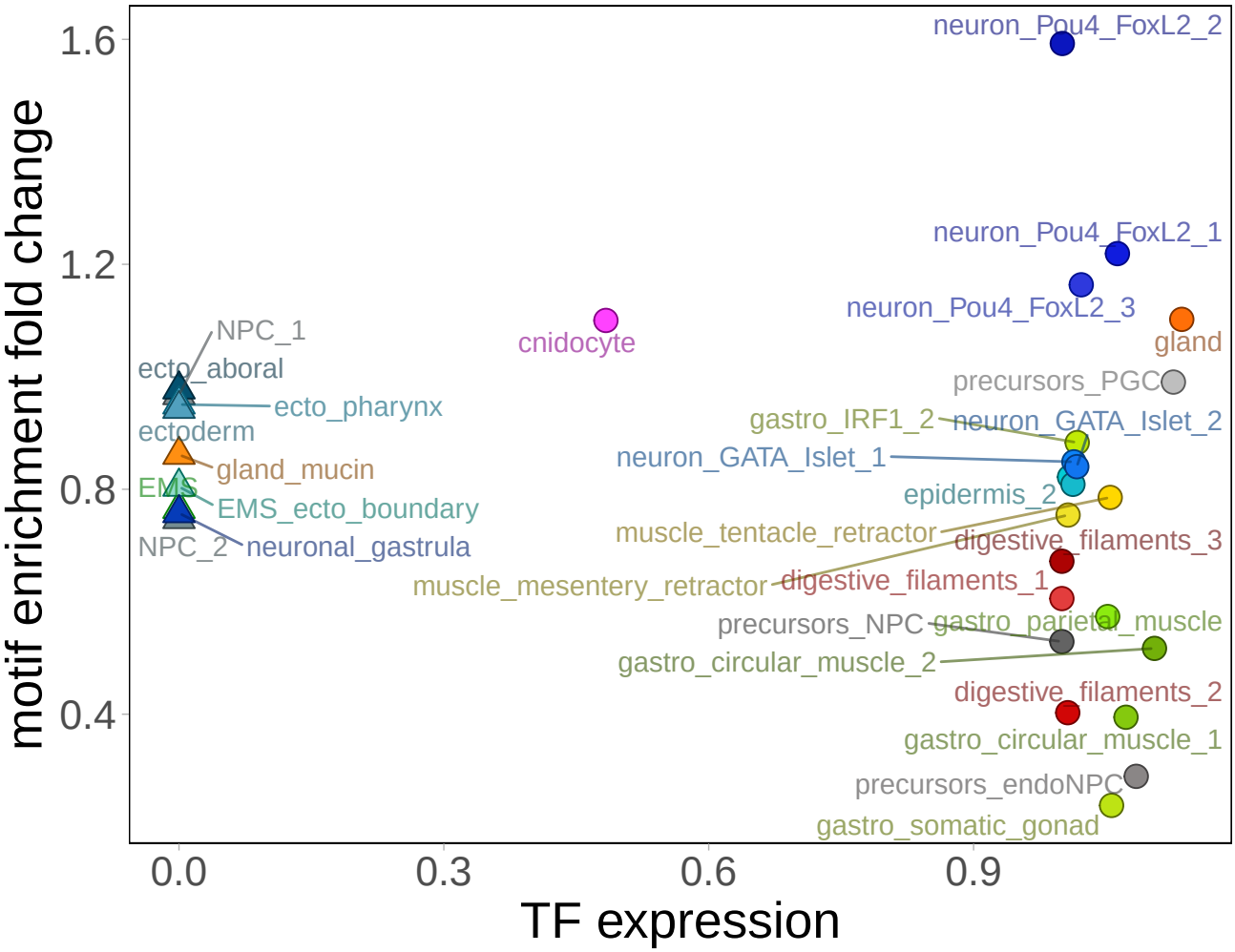




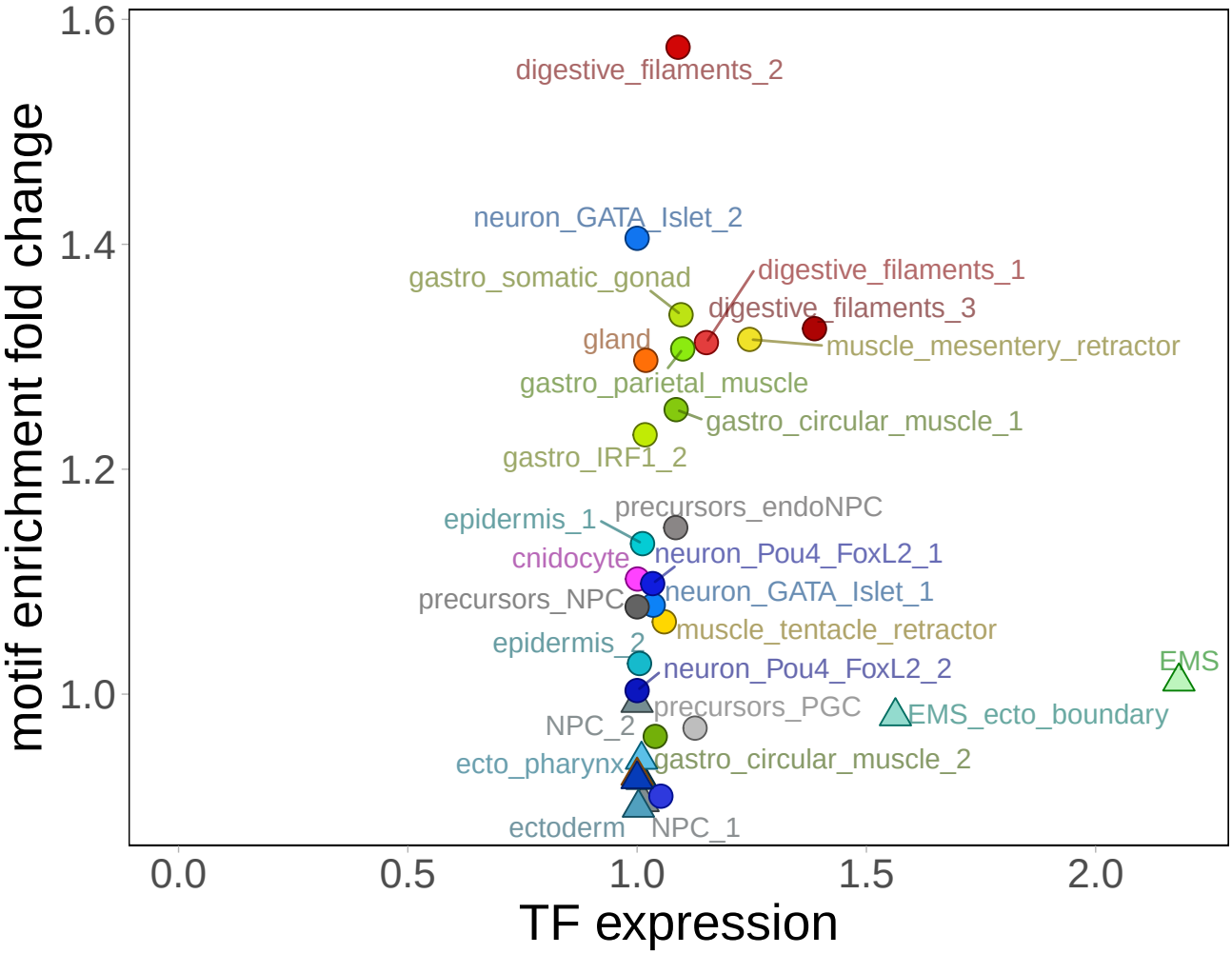
Nvec_vc1.1_XM_001634768.3
OG: Homeodomains.HG2.11:DUX4/DUXA/DU
PFAM: Homeodomain
motif: ARCH271_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 83
gene expression correlation: −0.3351
gene score correlation: −0.3288



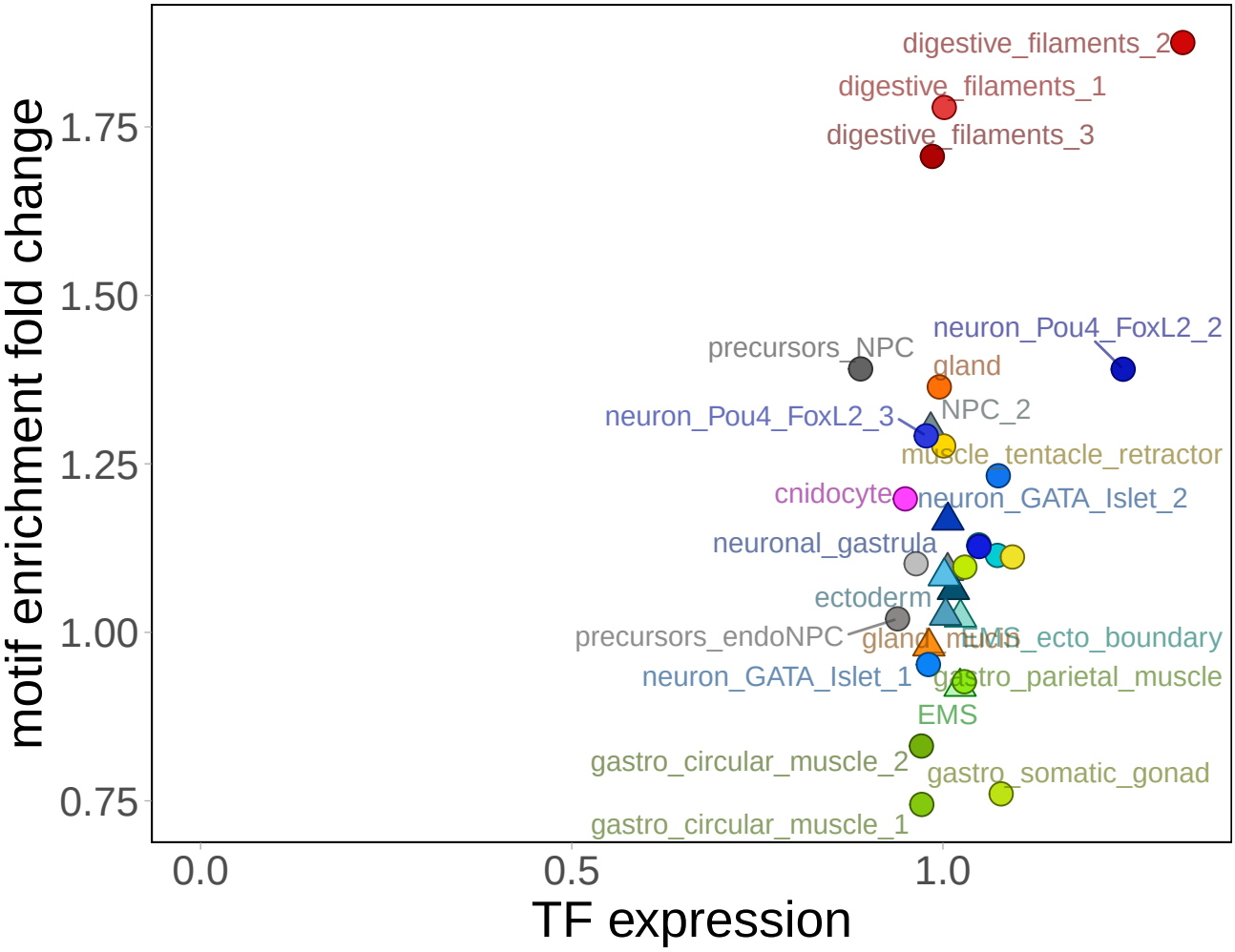
Nvec_vc1.1_XM_001634946.3
OG: Homeodomains.HG3.31:SIX1/SIX2
PFAM: SIX1_SD/Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 63
gene expression correlation: −0.1817
gene score correlation: 0.0475



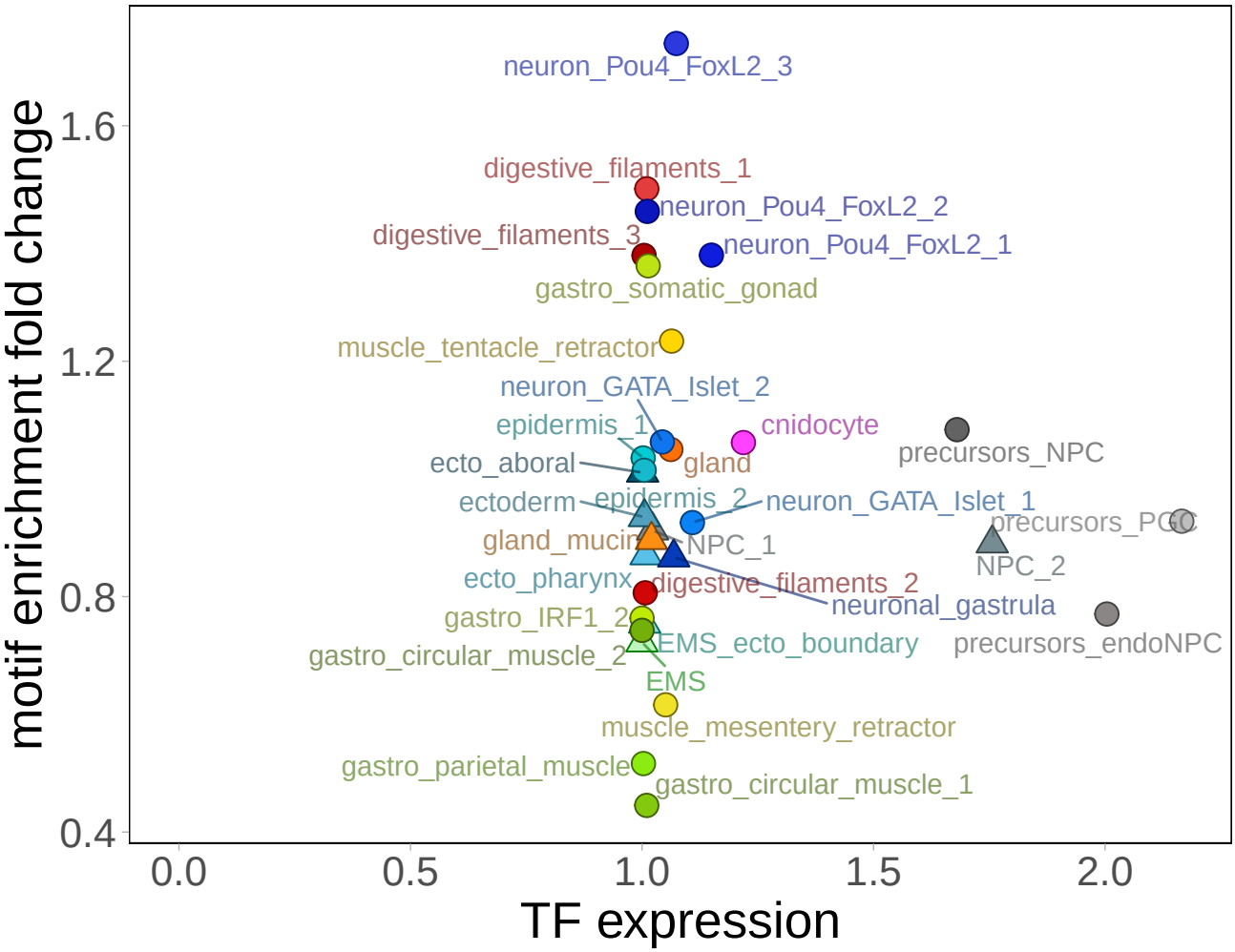
Nvec_vc1.1_XM_001634956.3
OG: Homeodomains.HG2.43:GSC/GSC2
PFAM: Homeodomain
motif: ARCH1633_M02161_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.0240
gene score correlation: 0.2802



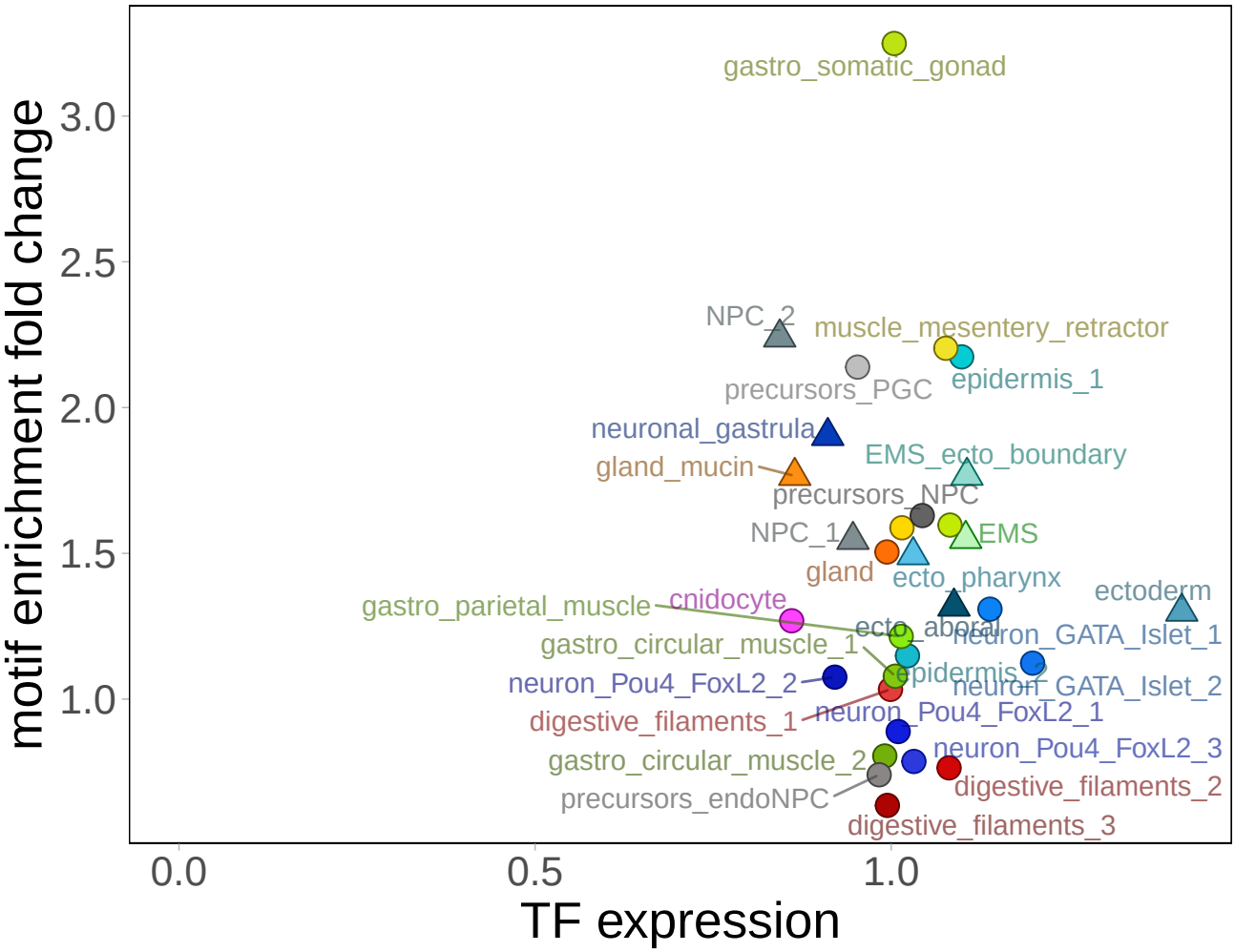
Nvec_vc1.1_XM_001634986.3
OG: STAT.HG1.2:STAT6
PFAM: STAT_alpha/STAT_bind/SH2
motif: ARCH719_fkh
TF family: STAT
archetype family:
CisBP assigned: FALSE
rank: 16
gene expression correlation: 0.3455
gene score correlation: 0.3673



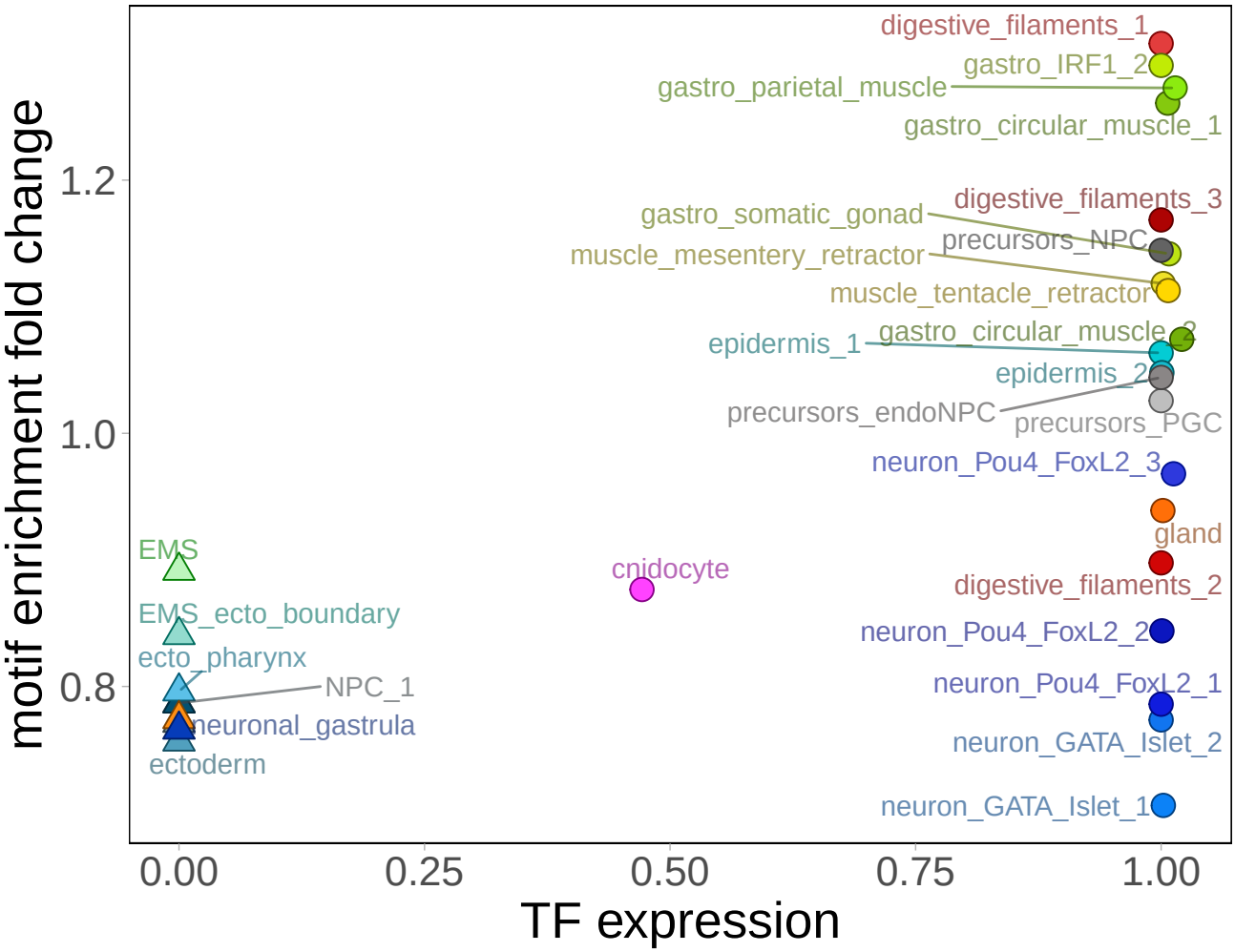
Nvec_vc1.1_XM_001635015.3
OG: Homeodomains.HG2.68:like:ARX/OTP
PFAM: Homeodomain
motif: ARCH41_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 219
gene expression correlation: −0.0695
gene score correlation: 0.0686



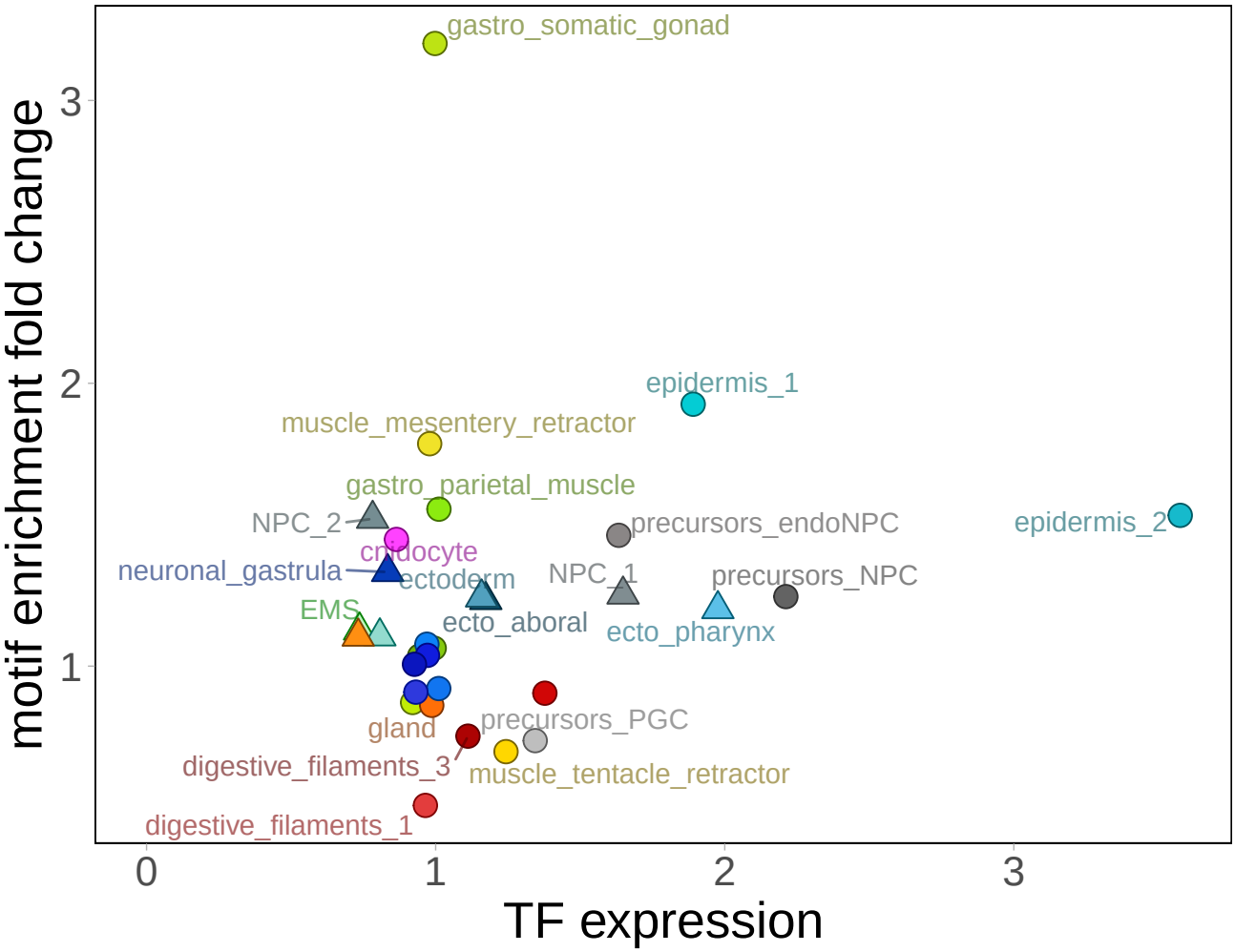
Nvec_vc1.1_XM_001635041.3
OG: MADS−box_SRF.HG1.0:SRF
PFAM: SRF−TF
motif: ARCH1309_Srf
TF family: MADS−box_SRF
archetype family: MADS−box_SRF
CisBP assigned: TRUE
rank: 286
gene expression correlation: −0.1161
gene score correlation: 0.2467



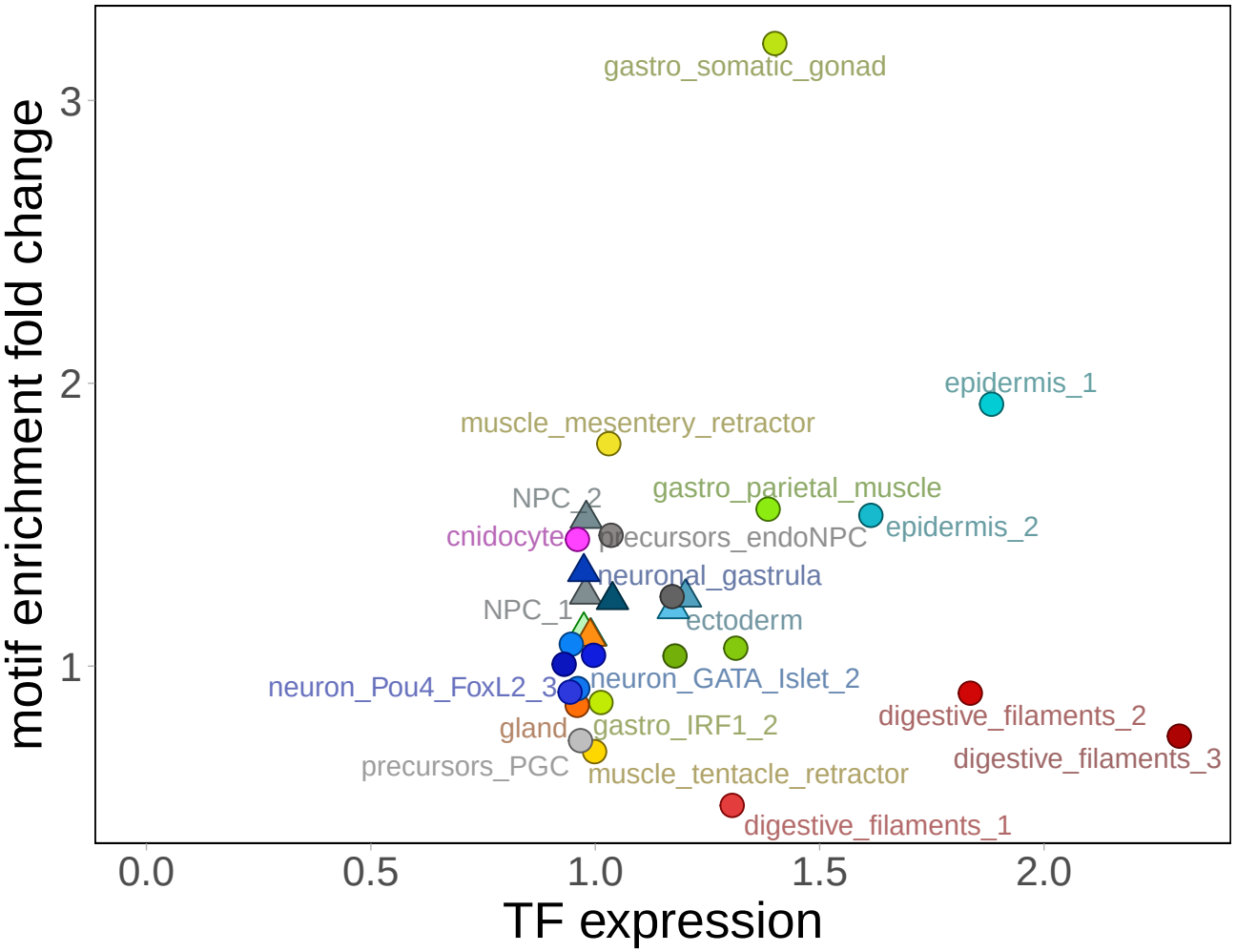
Nvec_vc1.1_XM_001635190.3
OG: zf−C2H2.HG1.30:like:AC008758.1/AC008
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1494_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 107
gene expression correlation: 0.6276
gene score correlation: 0.3891



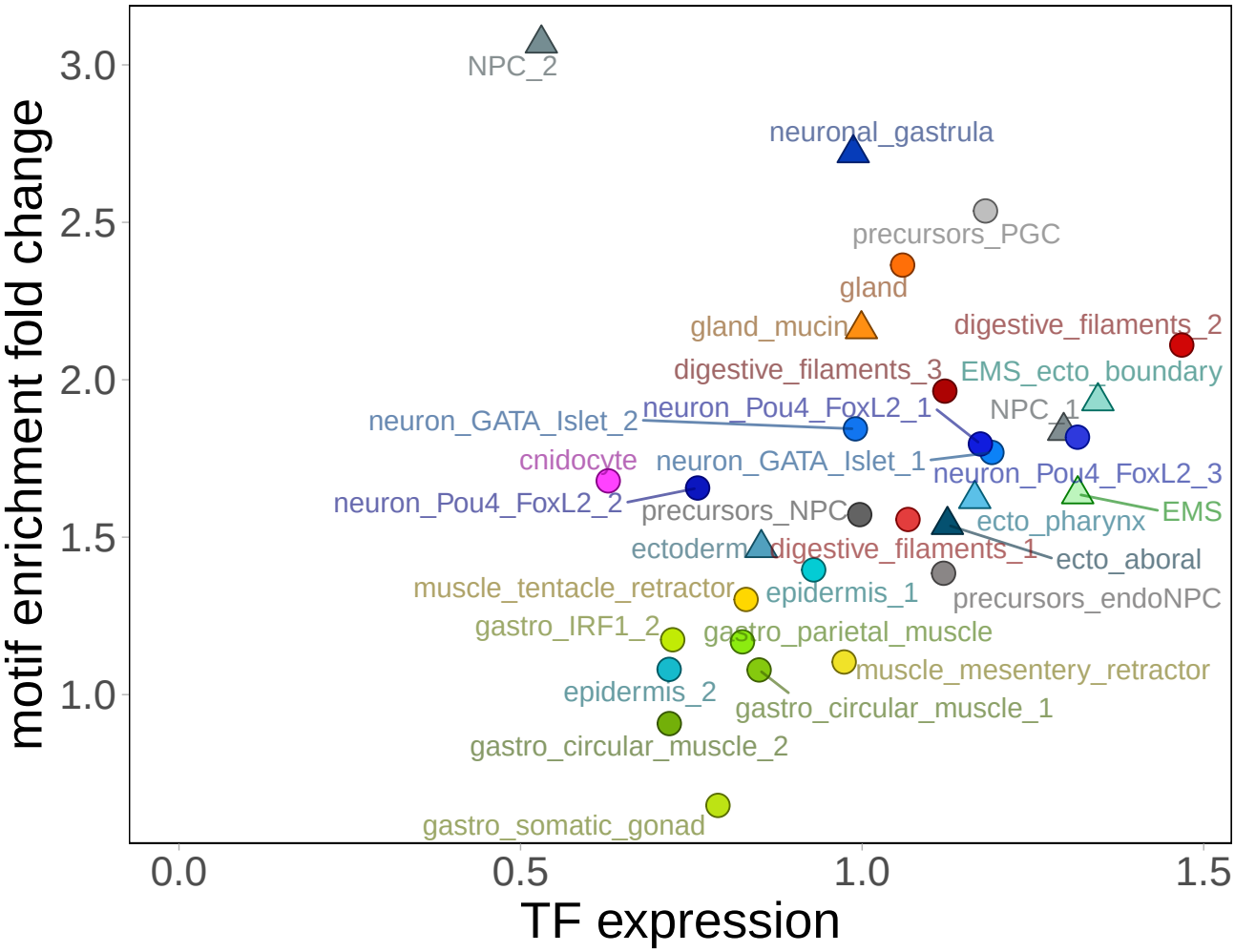
Nvec_vc1.1_XM_001635276.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.1502
gene score correlation: 0.1972



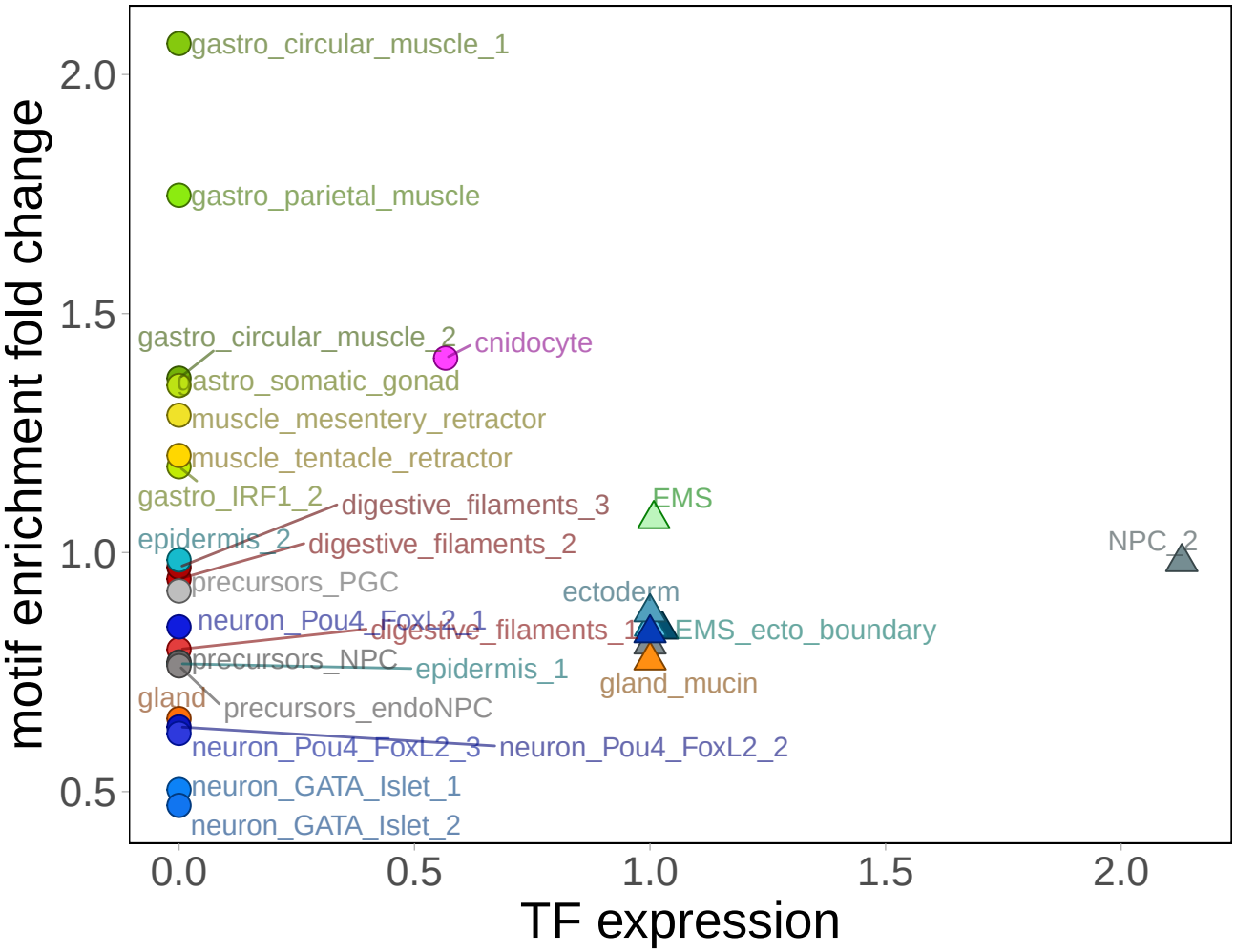
Nvec_vc1.1_XM_001635277.3
OG: HLH.HG1.62:like:HES5/HES7
PFAM: HLH/Hairy_orange
motif: ARCH1533_BHLH112
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 85
gene expression correlation: 0.1435
gene score correlation: 0.1305



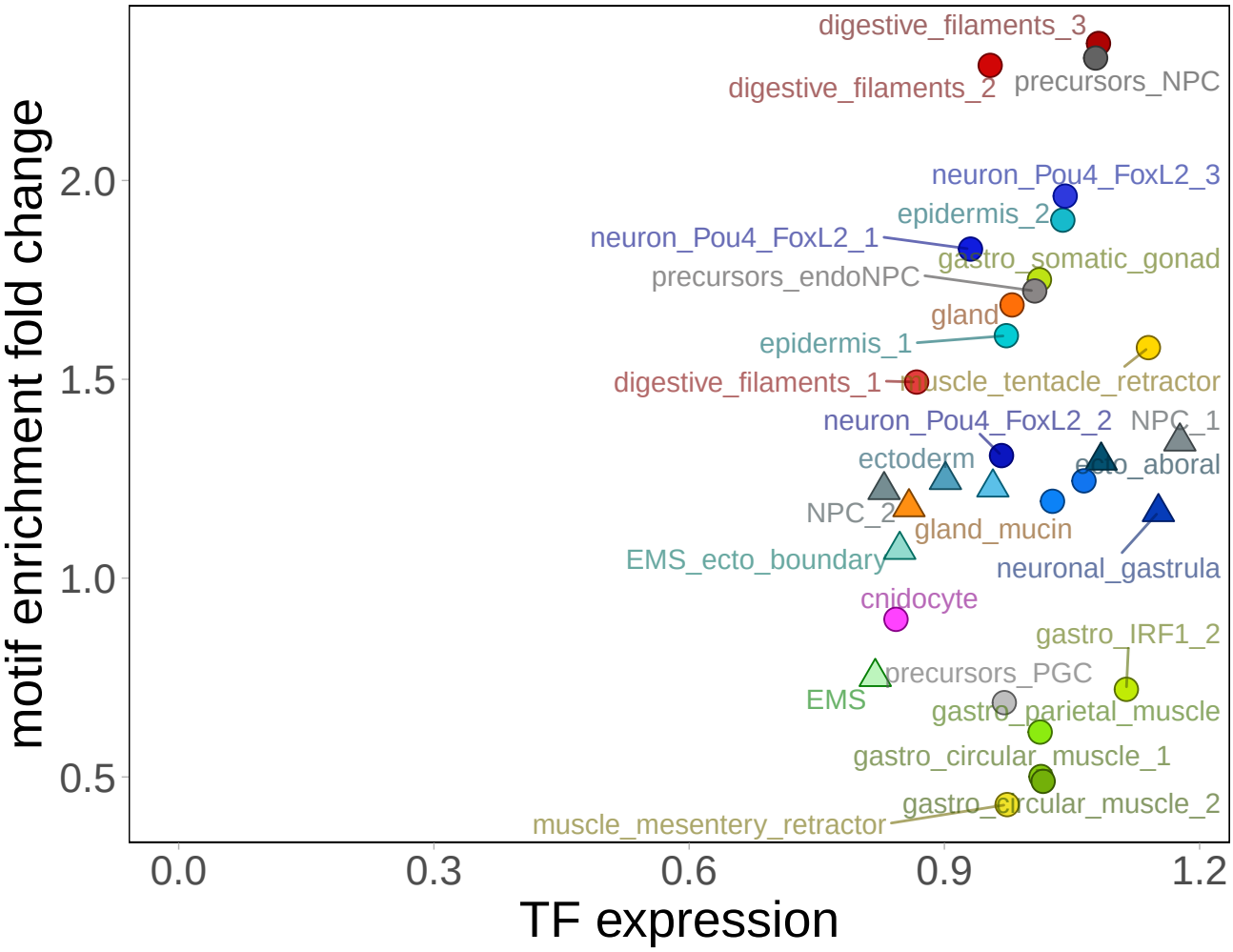
Nvec_vc1.1_XM_001635374.3
OG: Homeodomains.HG3.7:PBX1/PBX2/PBX3
PFAM: PBC/Homeodomain
motif: ARCH121_Nfya_Pbx4/Pbx2/Pbx1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 16
gene expression correlation: 0.2586
gene score correlation: 0.5607



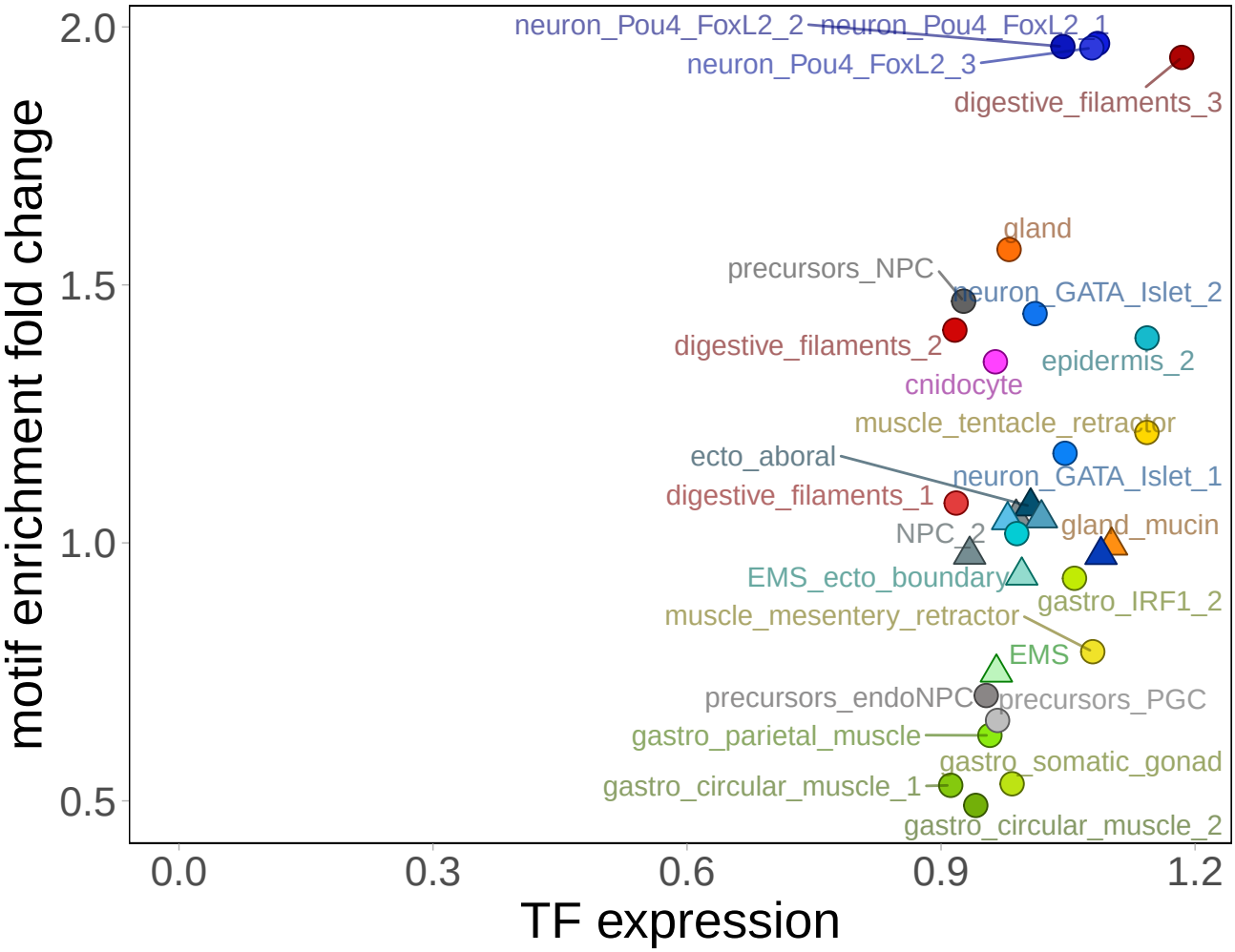
Nvec_vc1.1_XM_001635960.3
OG: zf−C4_Nuclear_receptors.HG1.25:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH1560_Hnf4g/Hnf4a_Nr2c1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 887
gene expression correlation: −0.1065
gene score correlation: −0.0560



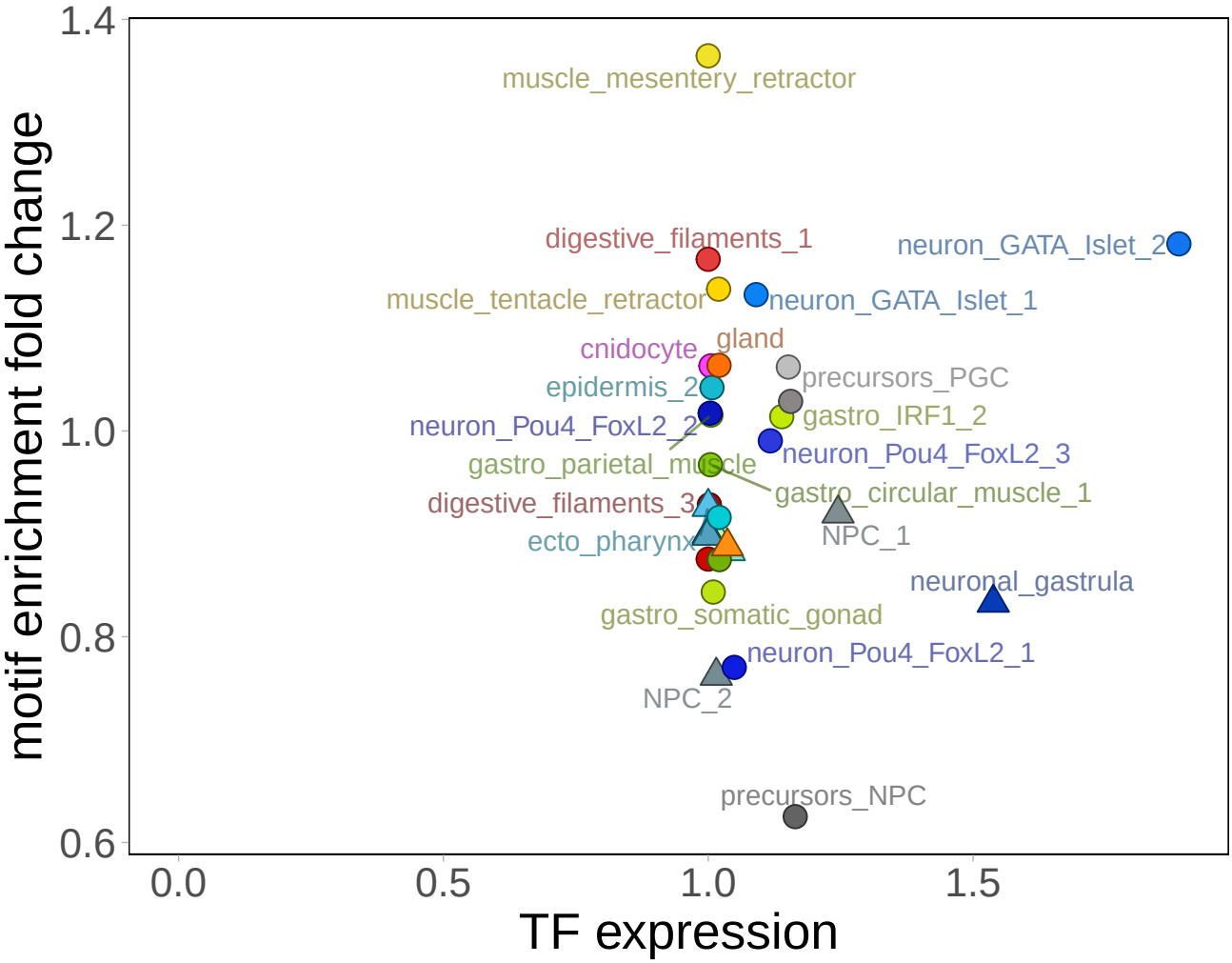
Nvec_vc1.1_XM_001636116.3
OG: TBP.HG1.3:TBP/TBPL2
PFAM: TBP/TBP
motif: ARCH66_Barx2/Barx1_Dlx4/Dlx...
TF family: TBP
archetype family: TBP
CisBP assigned: TRUE
rank: 549
gene expression correlation: 0.1933
gene score correlation: −0.0139



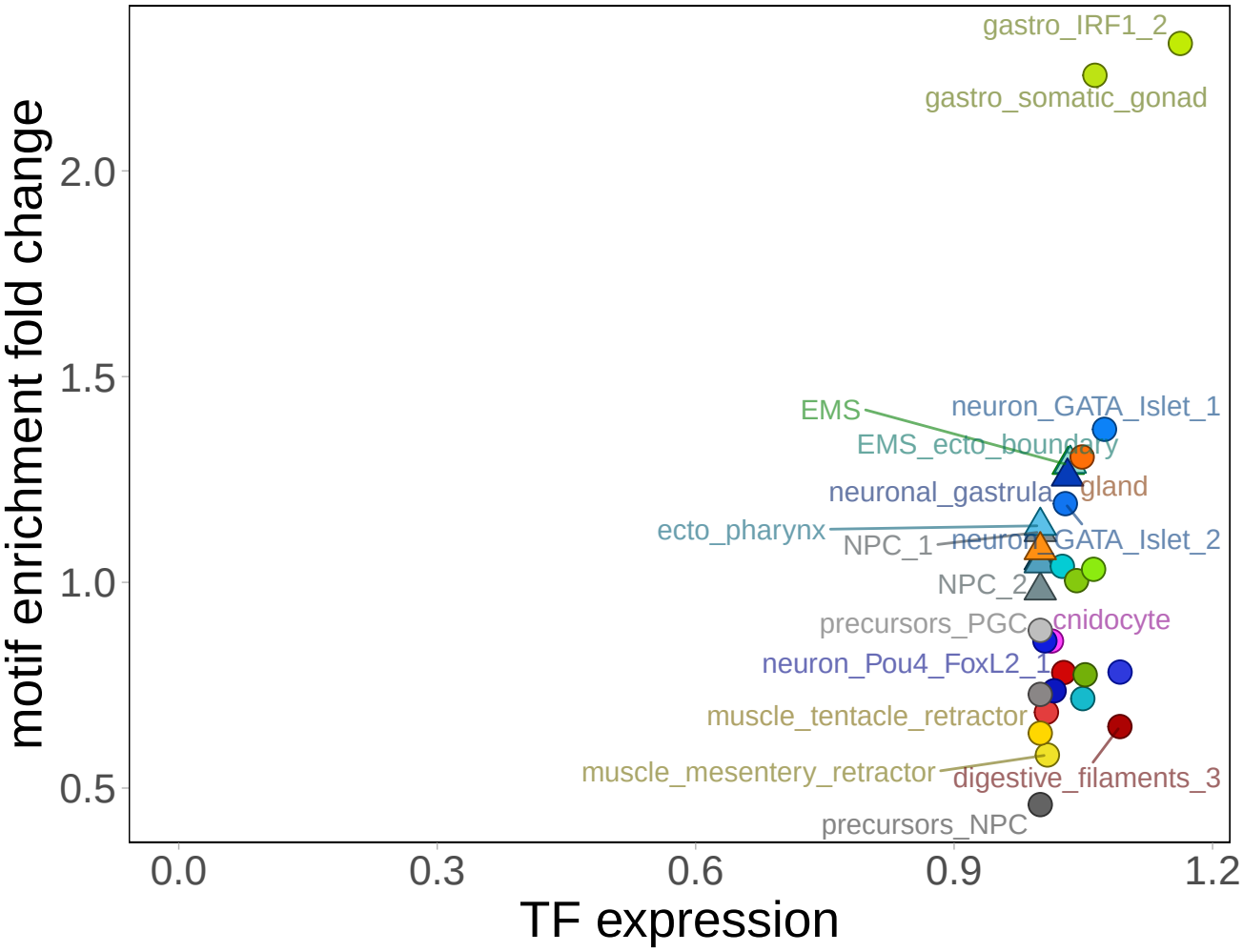
Nvec_vc1.1_XM_001636163.3
OG: Homeodomains.HG4.4:POU6F1/POU6F2
PFAM: DFP/DFP/Pou/Homeodomain
motif: ARCH57_gsb
TF family: Pou/Homeodomain
archetype family:
CisBP assigned: FALSE
rank: 24
gene expression correlation: 0.4594
gene score correlation: 0.2927



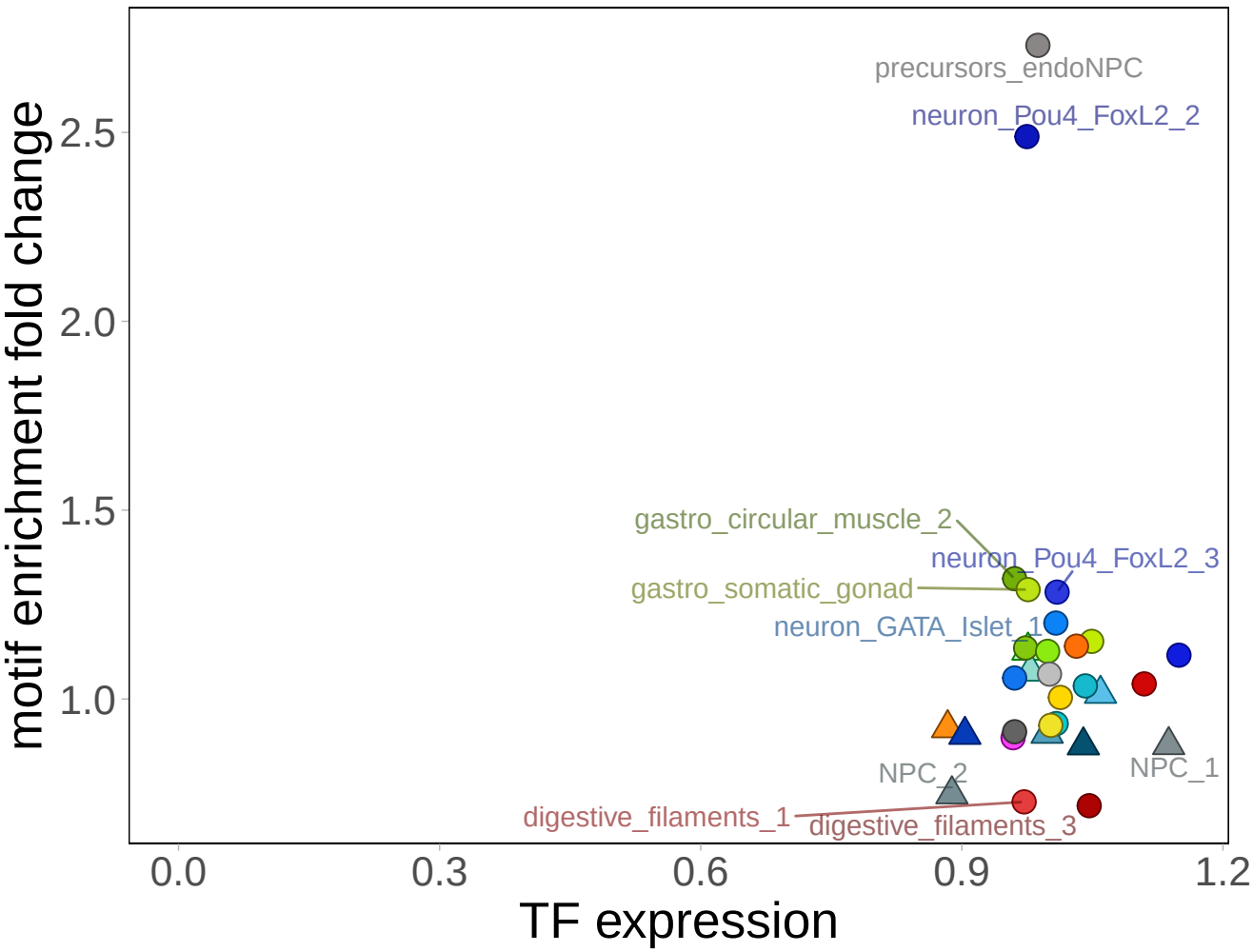
Nvec_vc1.1_XM_001636315.3
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GF
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 515
gene expression correlation: 0.1010
gene score correlation: 0.2079



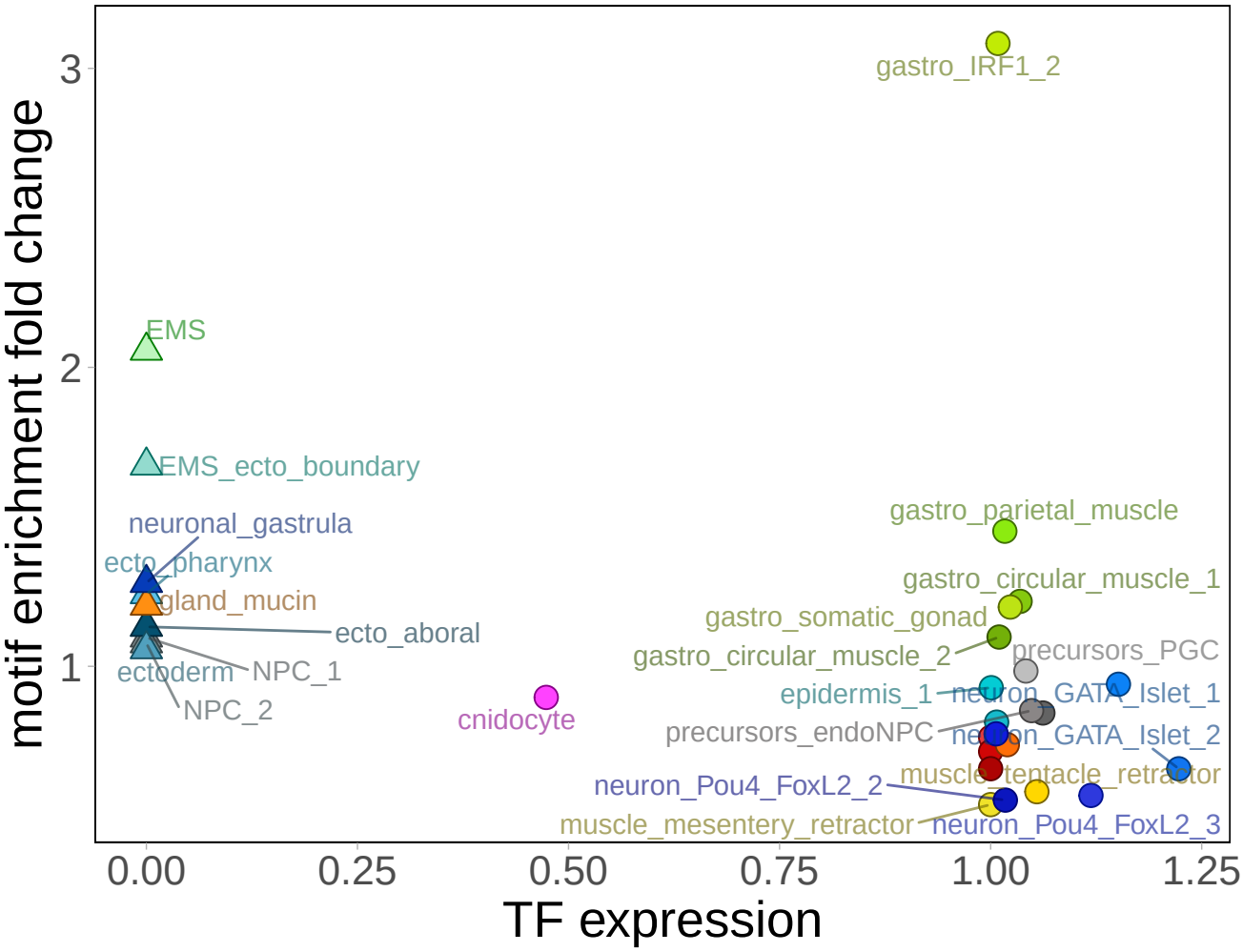
Nvec_vc1.1_XM_001636352.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: ARCH585_Spdef
TF family: Ets
archetype family: Ets
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.5369
gene score correlation: 0.6244



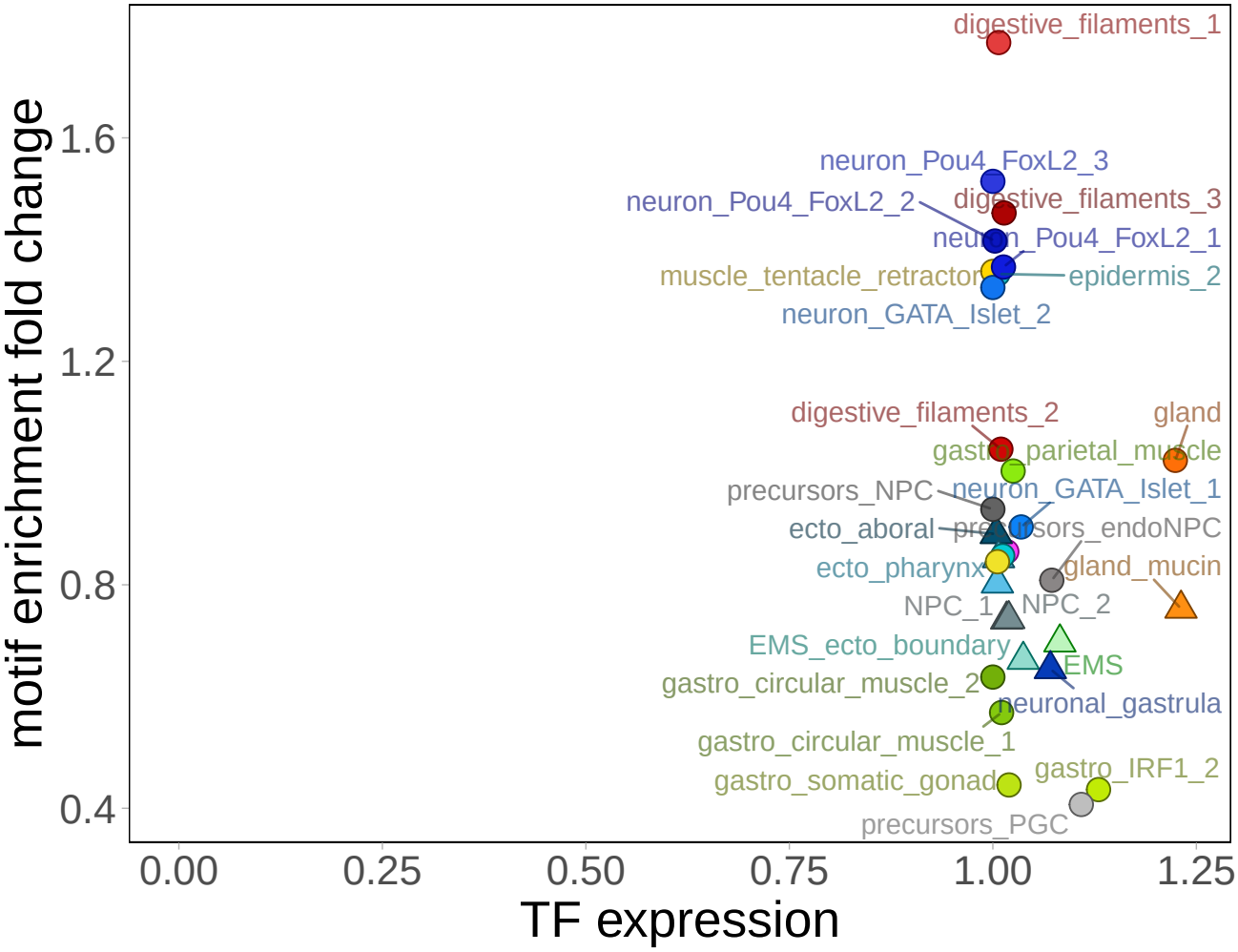
Nvec_vc1.1_XM_001636464.3
OG: Myb.HG7.0:TERF2IP
PFAM: BRCT_2/Myb_DNA−bind_2
motif: ARCH646_Msantd4/Mypop_Terf2ip
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 65
gene expression correlation: −0.0380
gene score correlation: 0.4286



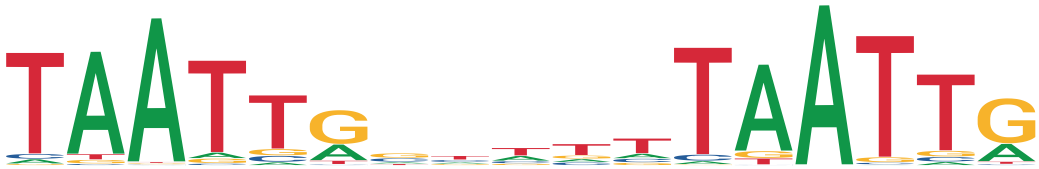
Nvec_vc1.1_XM_001636587.3
OG: zf−C4_Nuclear_receptors.HG1.11:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH562_Hnf4g/Hnf4a_Nr2c1/N...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 1351
gene expression correlation: −0.3346
gene score correlation: −0.3192

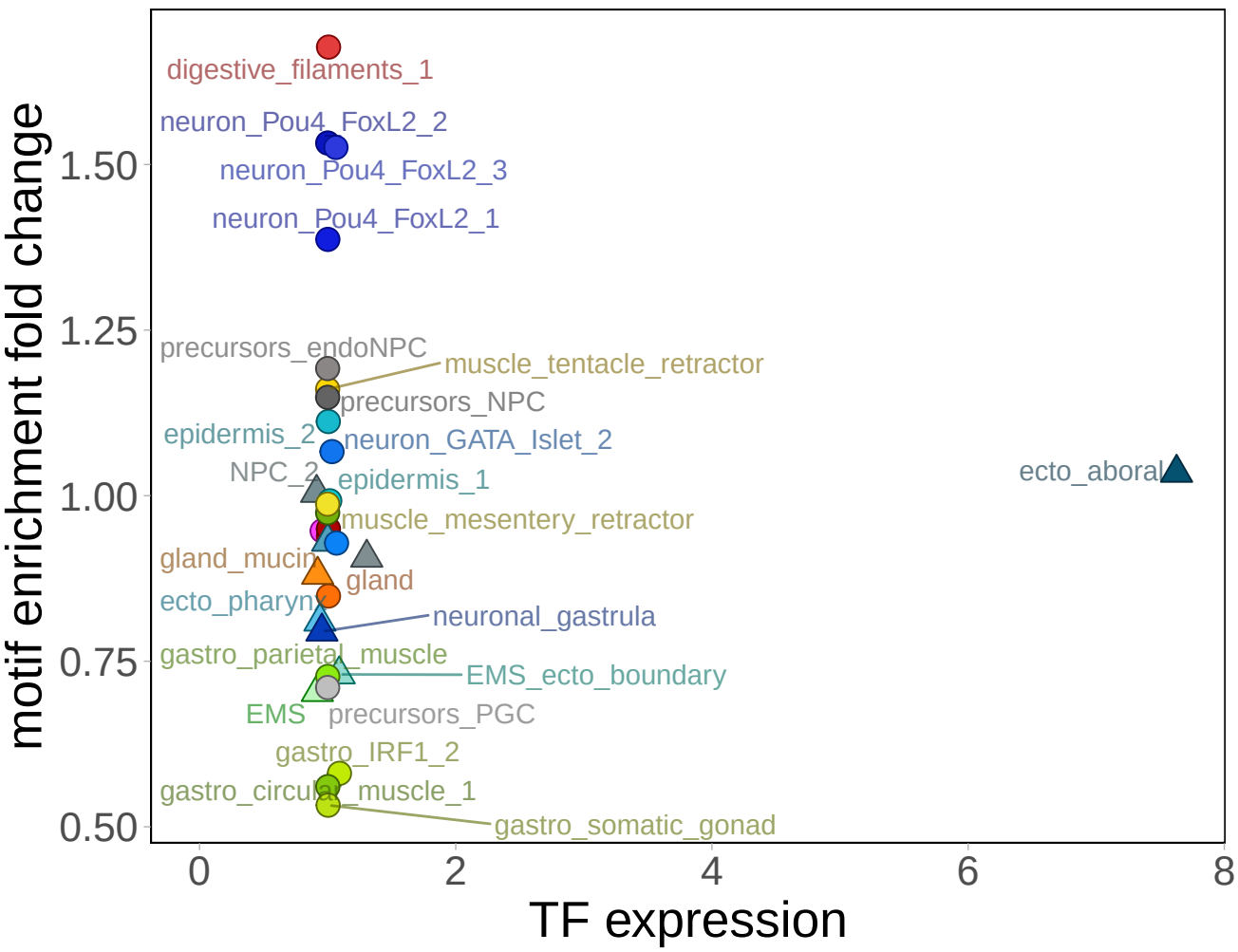


Nvec_vc1.1_XM_001636859.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain/OAR
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 106
gene expression correlation: −0.3307
gene score correlation: 0.0784

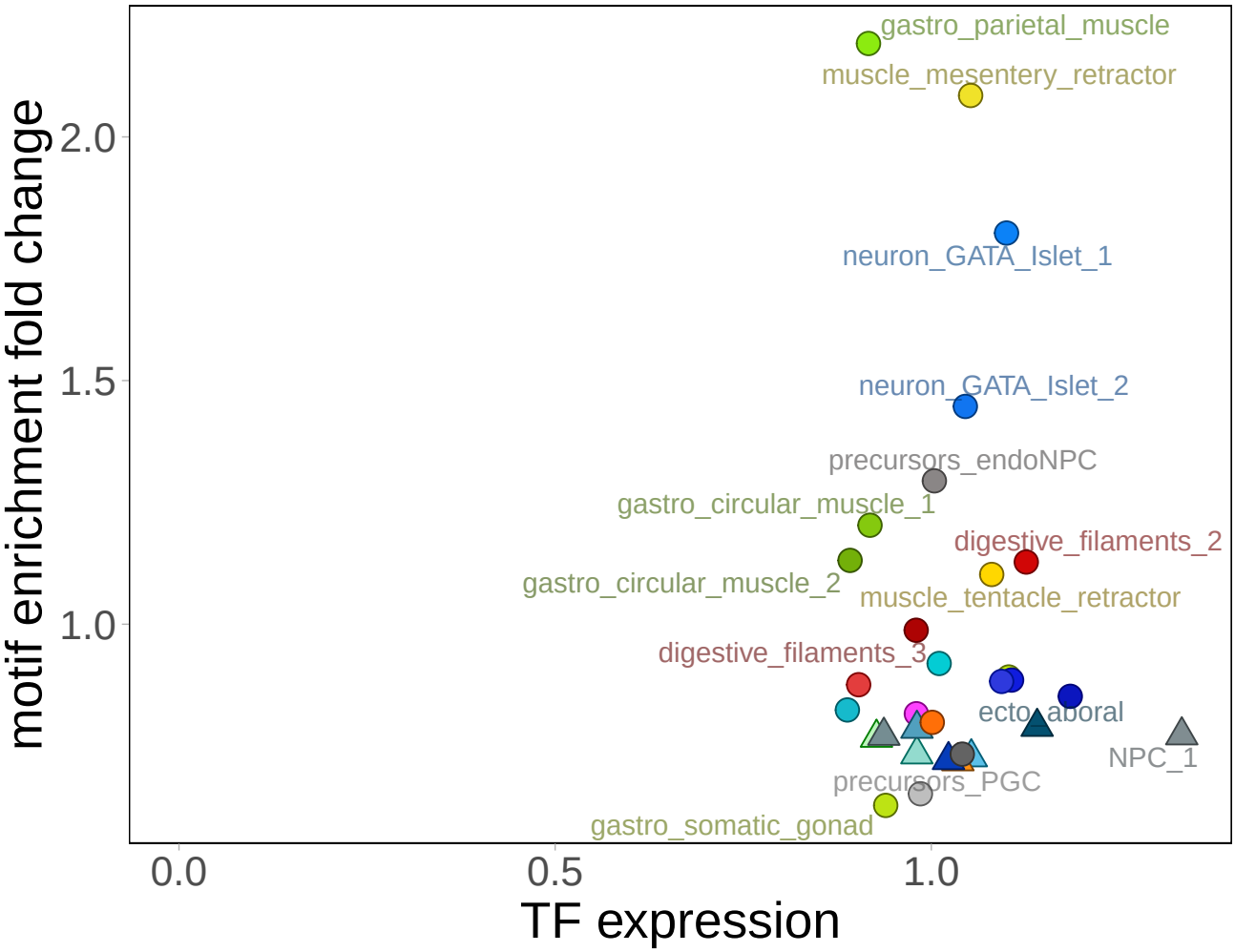


Nvec_vc1.1_XM_001636862.3
OG: Homeodomains.HG2.33:like:PAX1/PAX9
PFAM: Homeodomain
motif: ARCH299_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.0393
gene score correlation: 0.1997

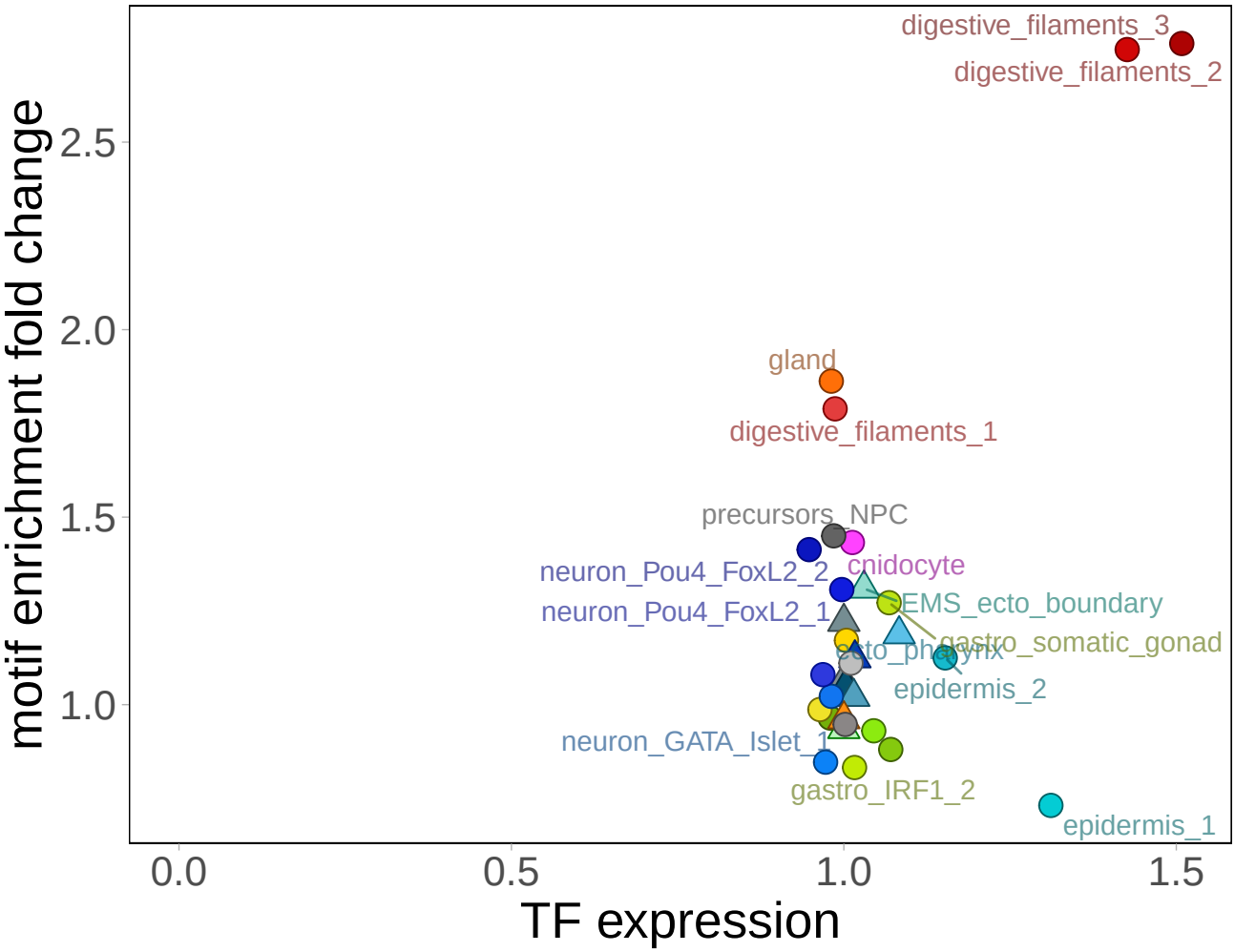




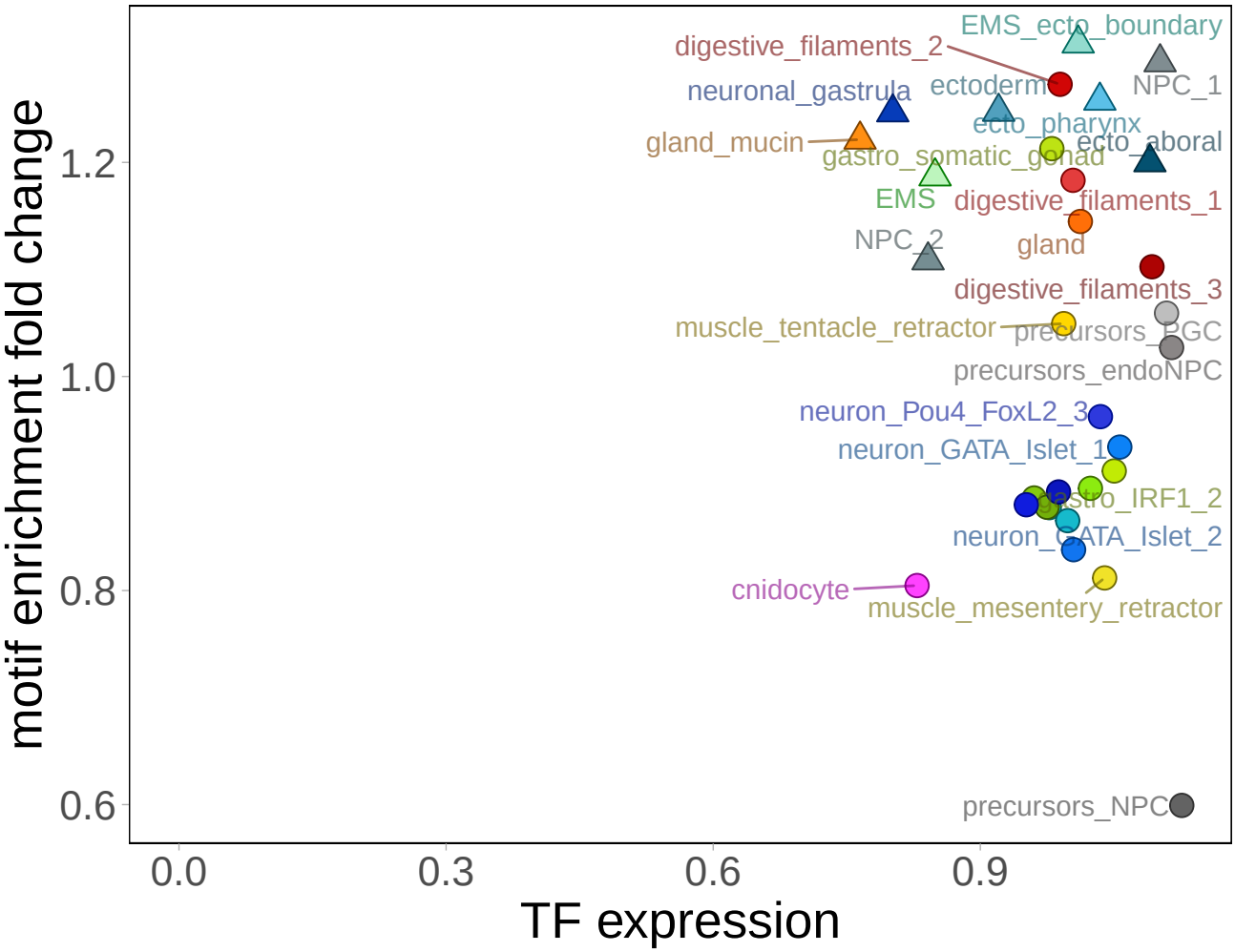
Nvec_vc1.1_XM_001636971.3
OG: GATA.HG2.1:RERE
PFAM: BAH/ELM2/GATA
motif: ARCH1456_Gata3/Gata1/Gata2_...
TF family: GATA
archetype family: GATA
CisBP assigned: TRUE
rank: 60
gene expression correlation: −0.0451
gene score correlation: 0.3788



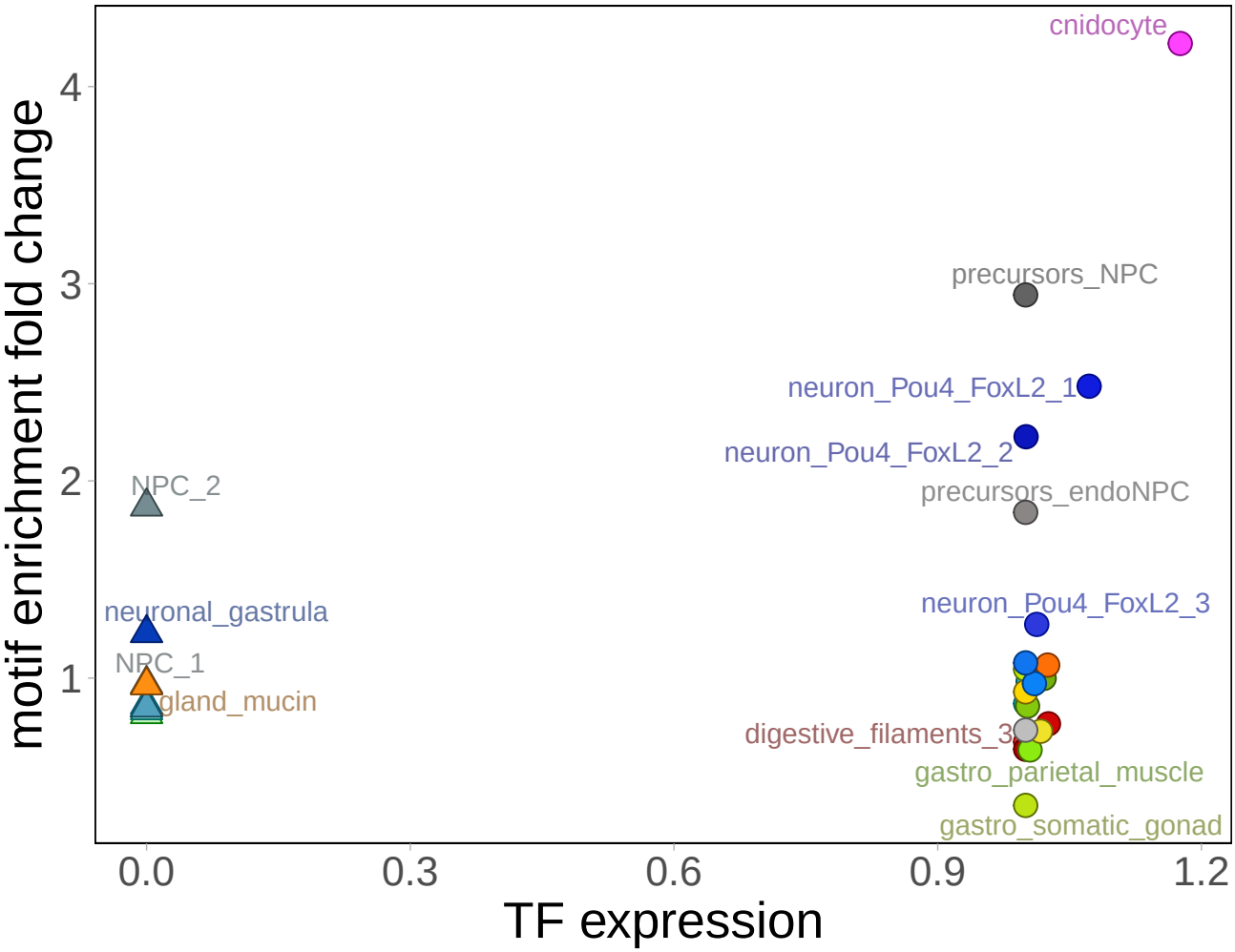
Nvec_vc1.1_XM_001637044.3
OG: HLH.HG1.54:like:HES5/HES7
PFAM: HLH/Hairy_orange
motif: ARCH888_Foxo1
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.6346
gene score correlation: 0.5942



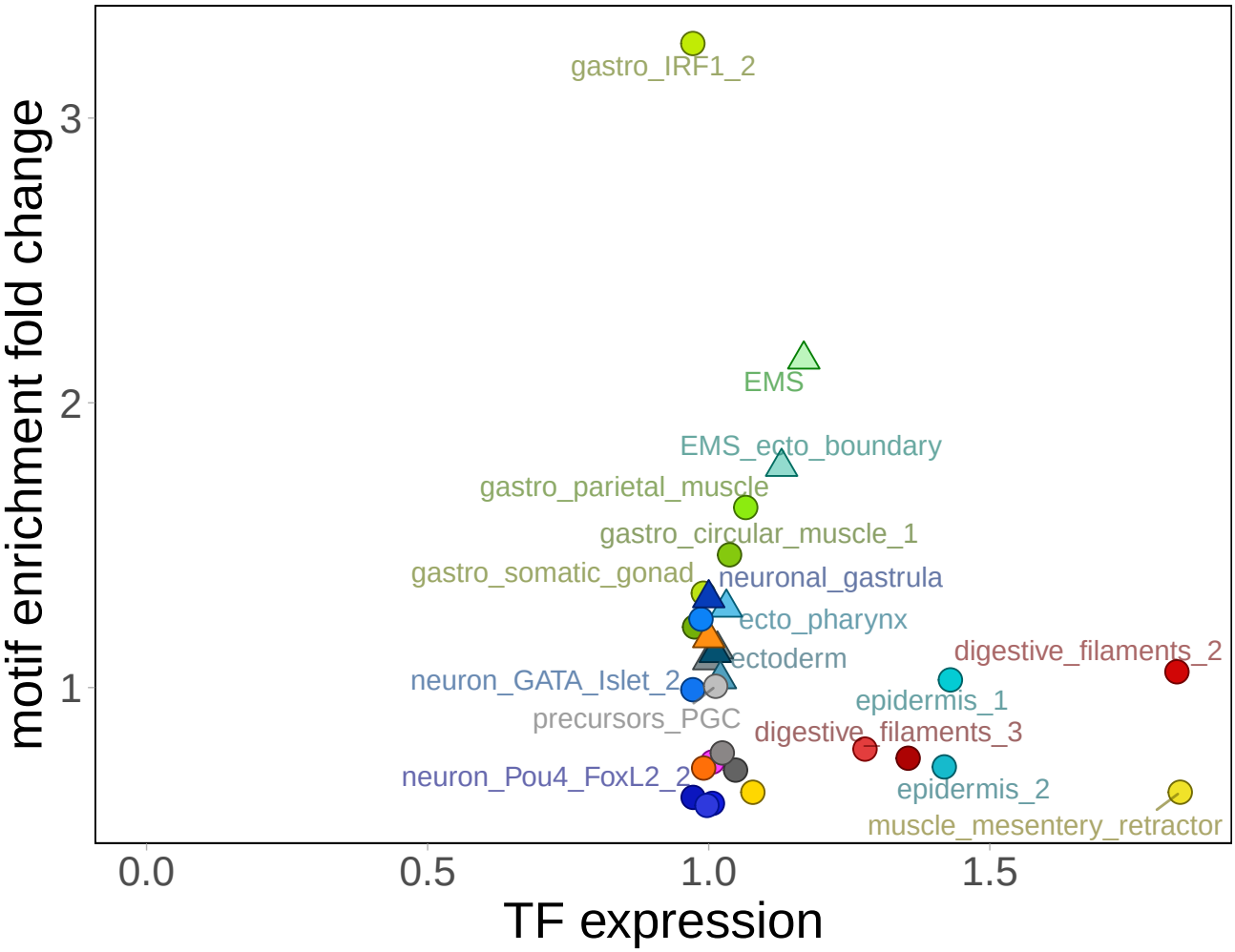
Nvec_vc1.1_XM_001637155.3
OG: Myb.HG5.0:DMAP1
PFAM: SANT_DAMP1_like/DMAP1
motif: ARCH604_YER051W
TF family: Myb
archetype family:
CisBP assigned: FALSE
rank: 331
gene expression correlation: −0.1959
gene score correlation: 0.1333



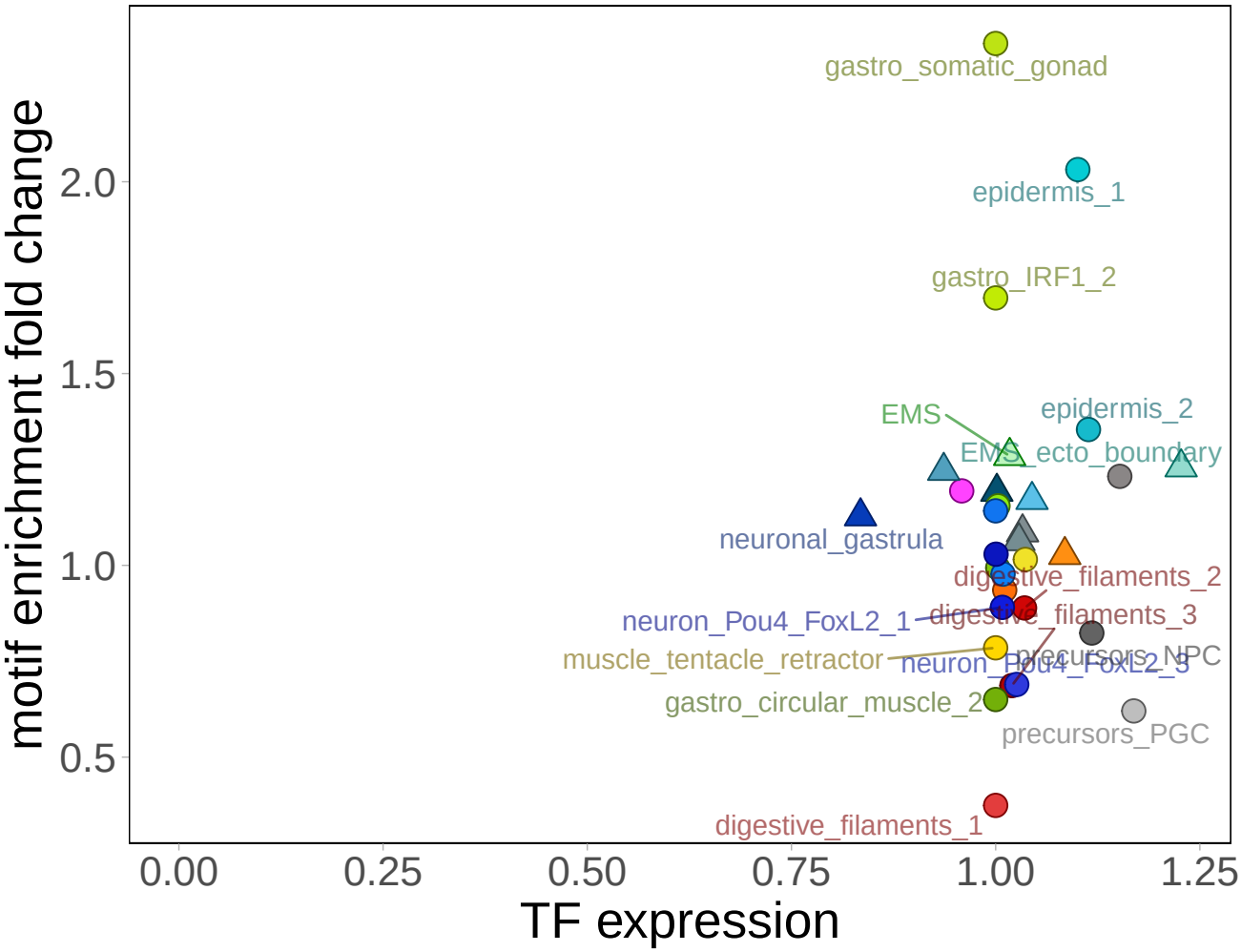
Nvec_vc1.1_XM_001637272.3
OG: zf−C2H2.HG95.1:NA
PFAM: HNF−1_N/zf−C2H2/zf−C2H2/zf−C2H2/
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.1986
gene score correlation: 0.7744



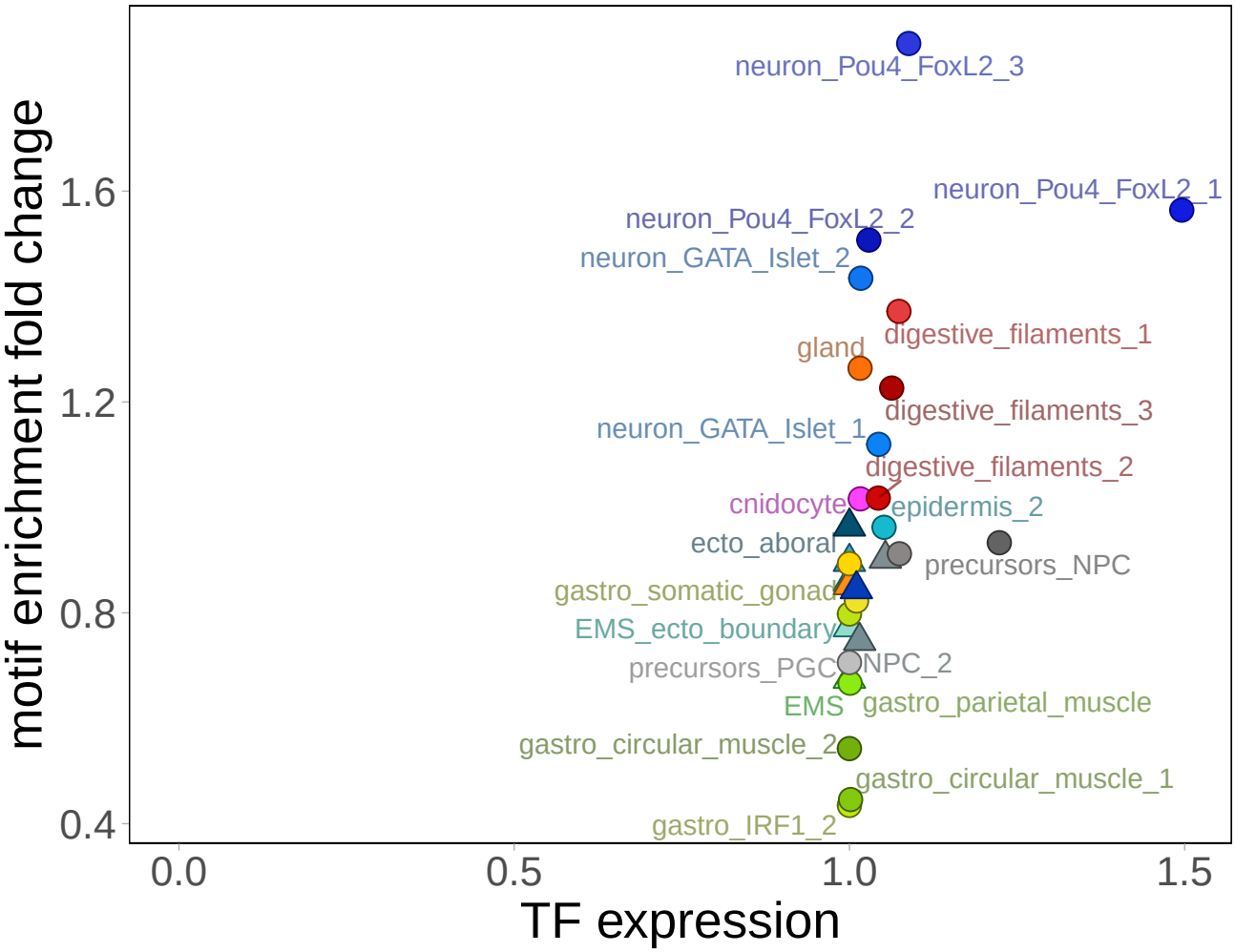
Nvec_vc1.1_XM_001637374.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: ARCH552_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 30
gene expression correlation: −0.1806
gene score correlation: 0.2797



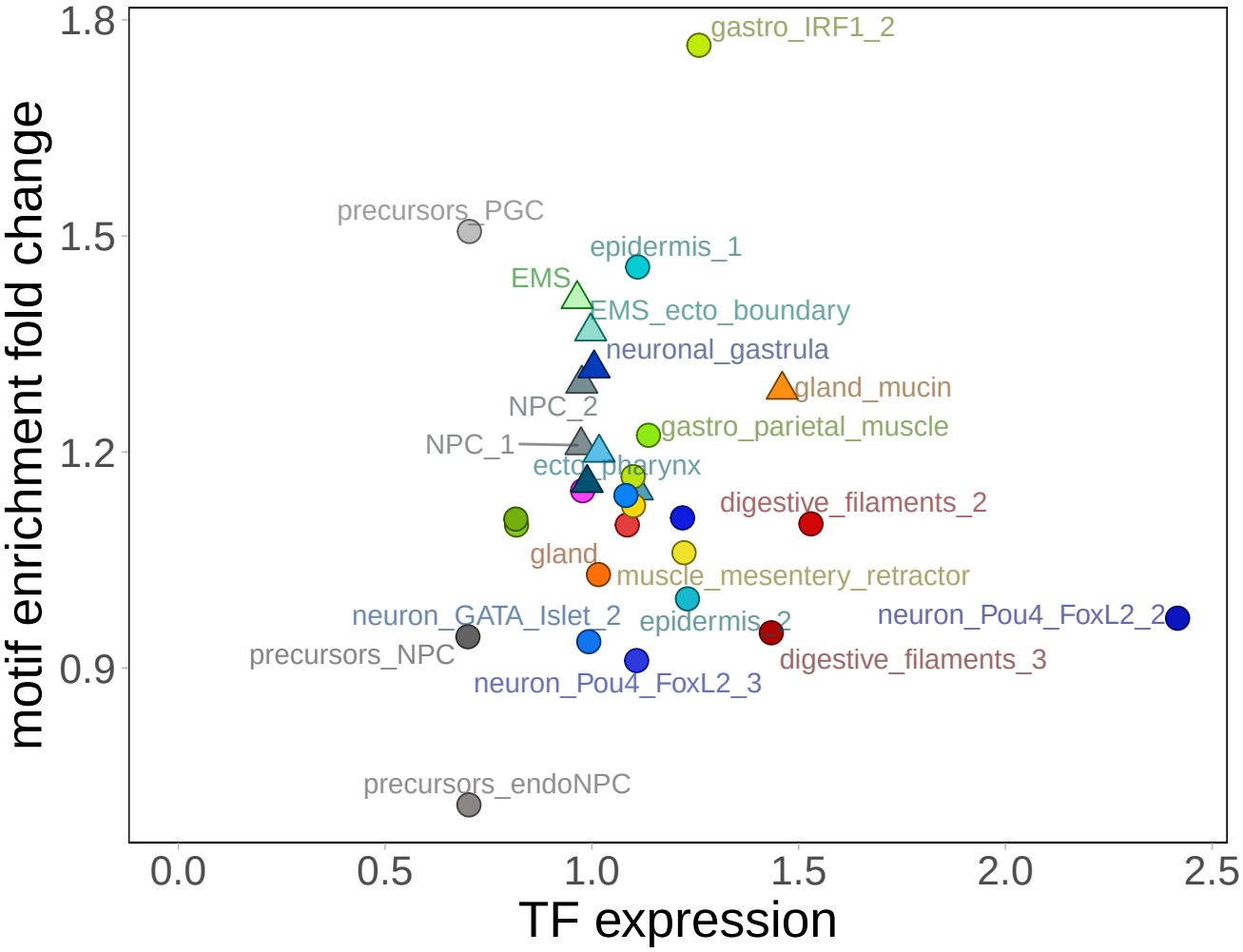
Nvec_vc1.1_XM_001637529.3
OG: Myb.HG1.2:DMTF1/TTF1
PFAM: Myb_DNA−binding/Myb_DNA−binding
motif: ARCH440_POL008.1_DCE_S_I
TF family: Myb
archetype family:
CisBP assigned: FALSE
rank: 934
gene expression correlation: 0.0174
gene score correlation: 0.1405



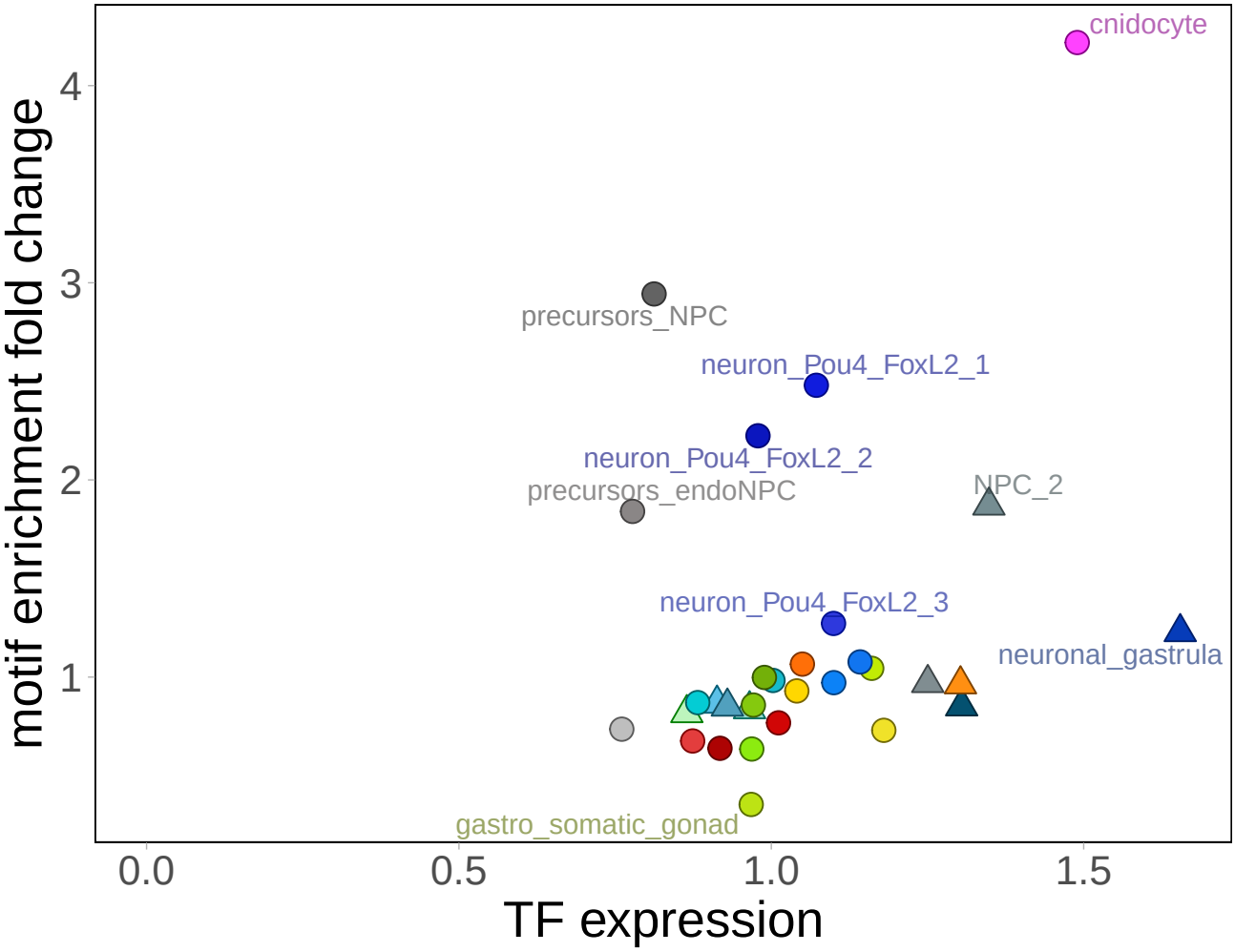
Nvec_vc1.1_XM_001637733.3
OG: Homeodomains.HG1.67:GSX1/GSX2
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 37
gene expression correlation: 0.4705
gene score correlation: 0.3313



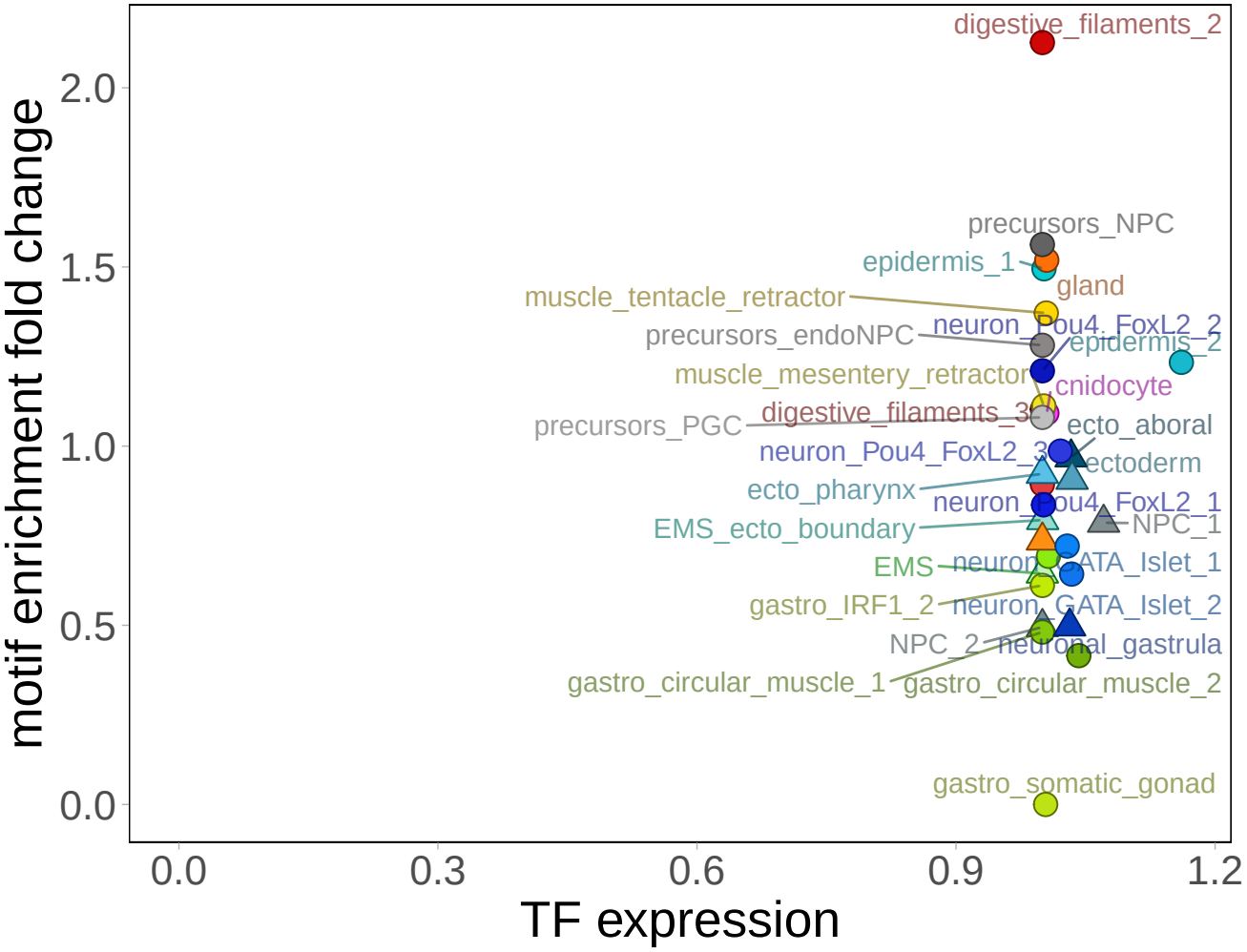
Nvec_vc1.1_XM_001638266.3
OG: bZIP.HG1.0:CREBL2
PFAM: bZIP_2
motif: ARCH1628_Crebl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 454
gene expression correlation: −0.0720
gene score correlation: −0.1202



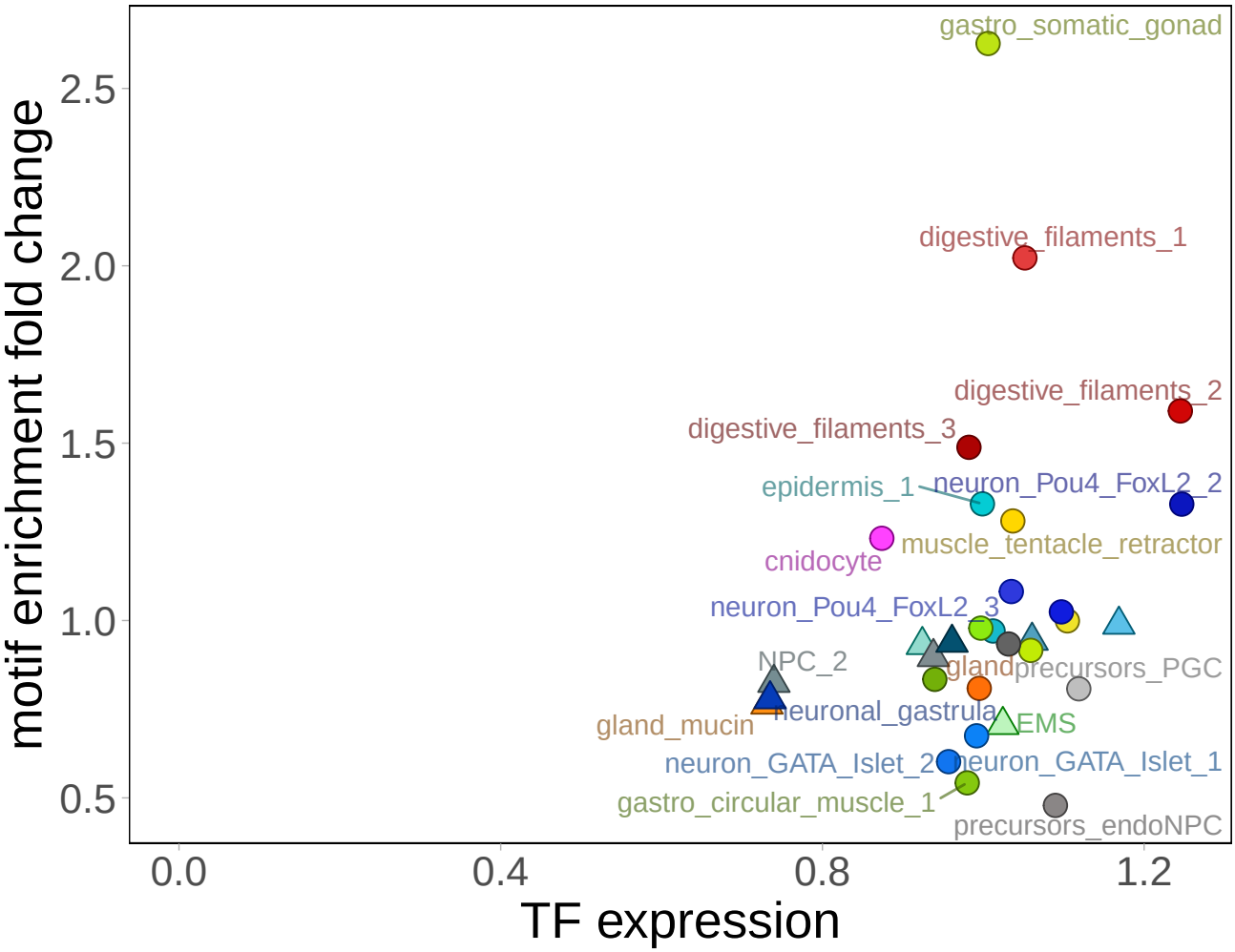
Nvec_vc1.1_XM_001638761.3
OG: zf−C2H2.HG16.2:like:TRERF1/ZNF541
PFAM: zf−C2H2/zf−C2H2_6/ELM2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 322
gene expression correlation: 0.2741
gene score correlation: 0.3274



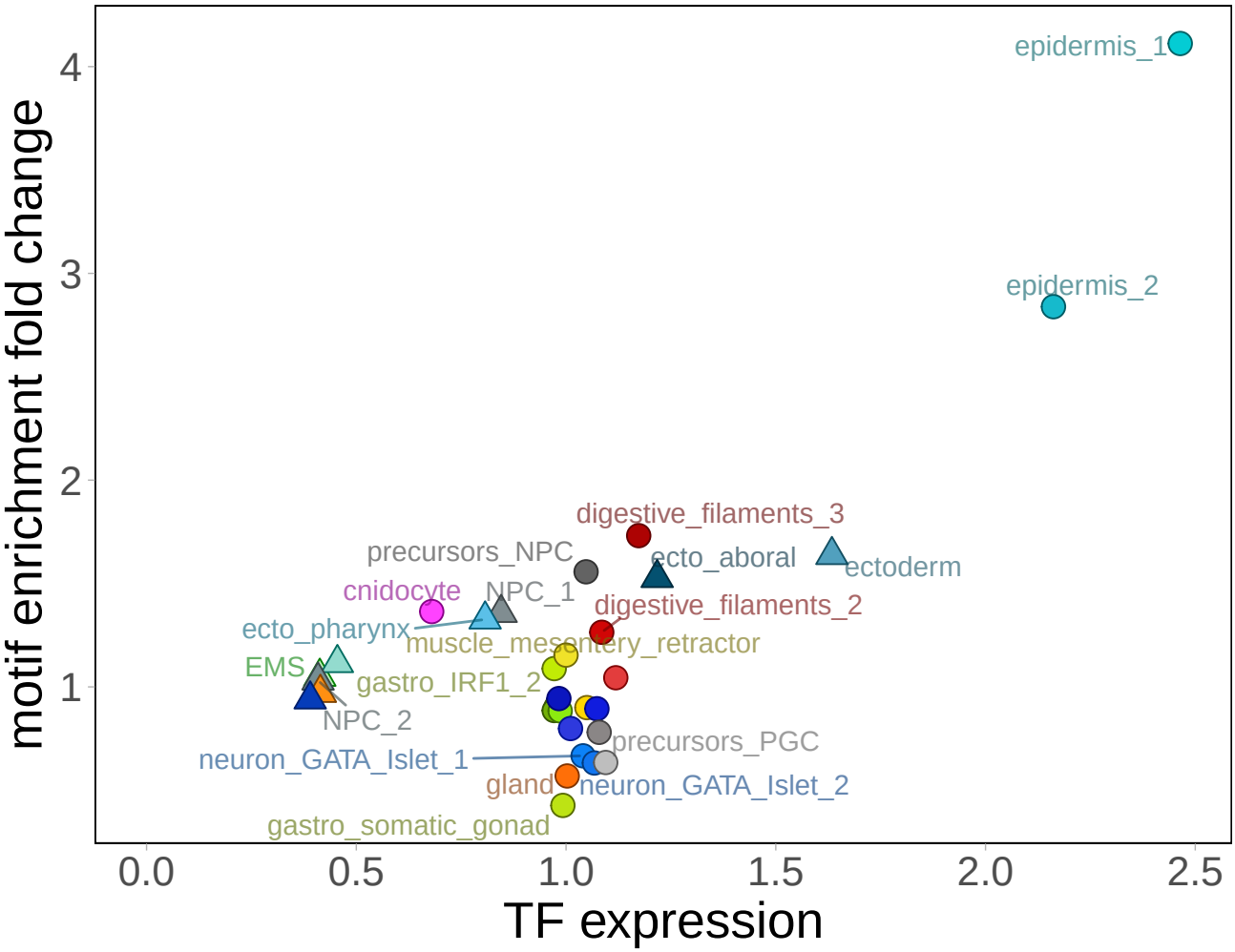
Nvec_vc1.1_XM_001638841.3
OG: Forkhead.HG1.22:FOXG1
PFAM: Forkhead
motif: ARCH969_Foxa3/Foxa1/Foxa2_F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 107
gene expression correlation: −0.0373
gene score correlation: 0.3601



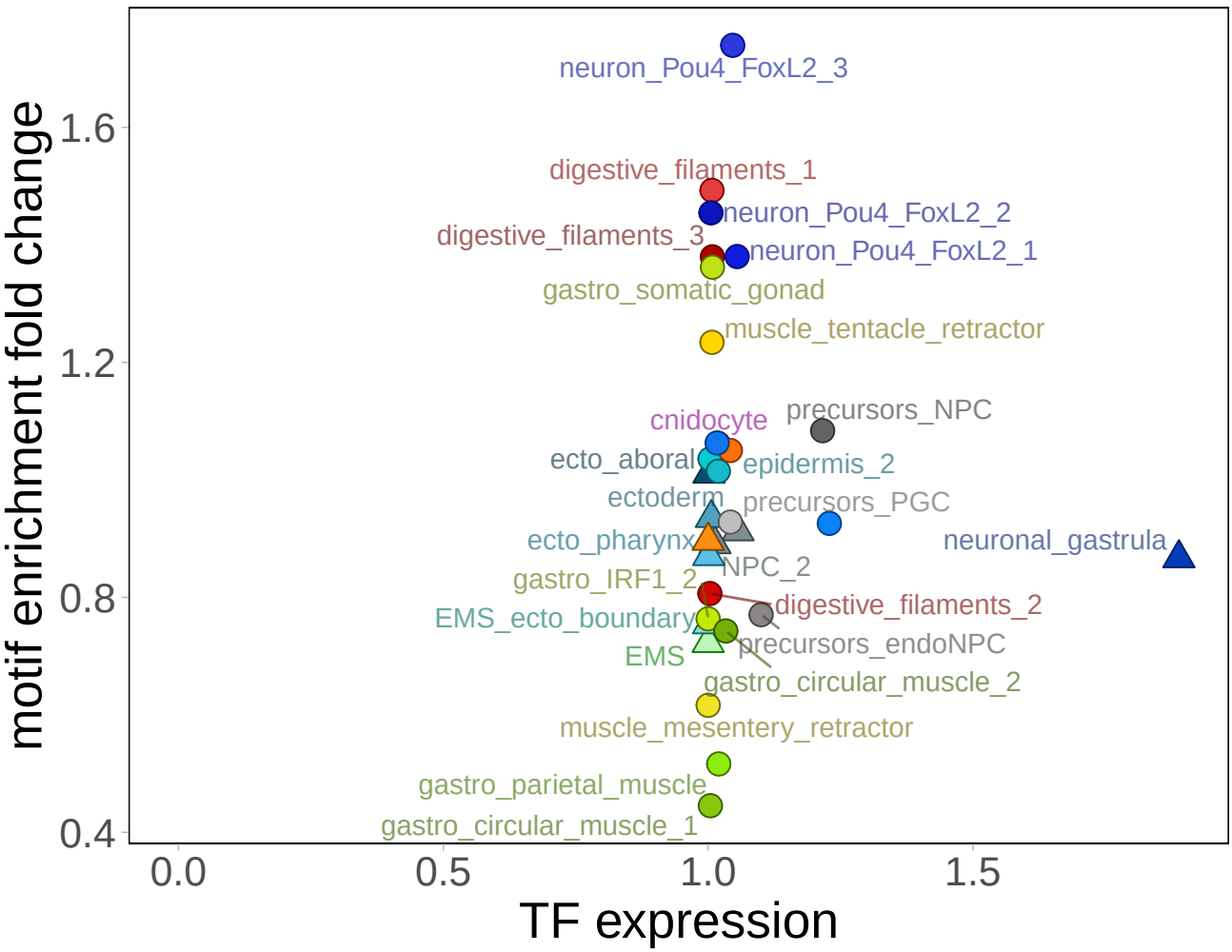
Nvec_vc1.1_XM_001638852.3
OG: HMGbox_Sox.HG1.47:like:NSD2
PFAM: HMG_box/HMG_box/HMG_box
motif: ARCH1076_PB0198.1_Zfp128_2
TF family: HMGbox_Sox
archetype family:
CisBP assigned: FALSE
rank: 273
gene expression correlation: 0.2457
gene score correlation: −0.0937



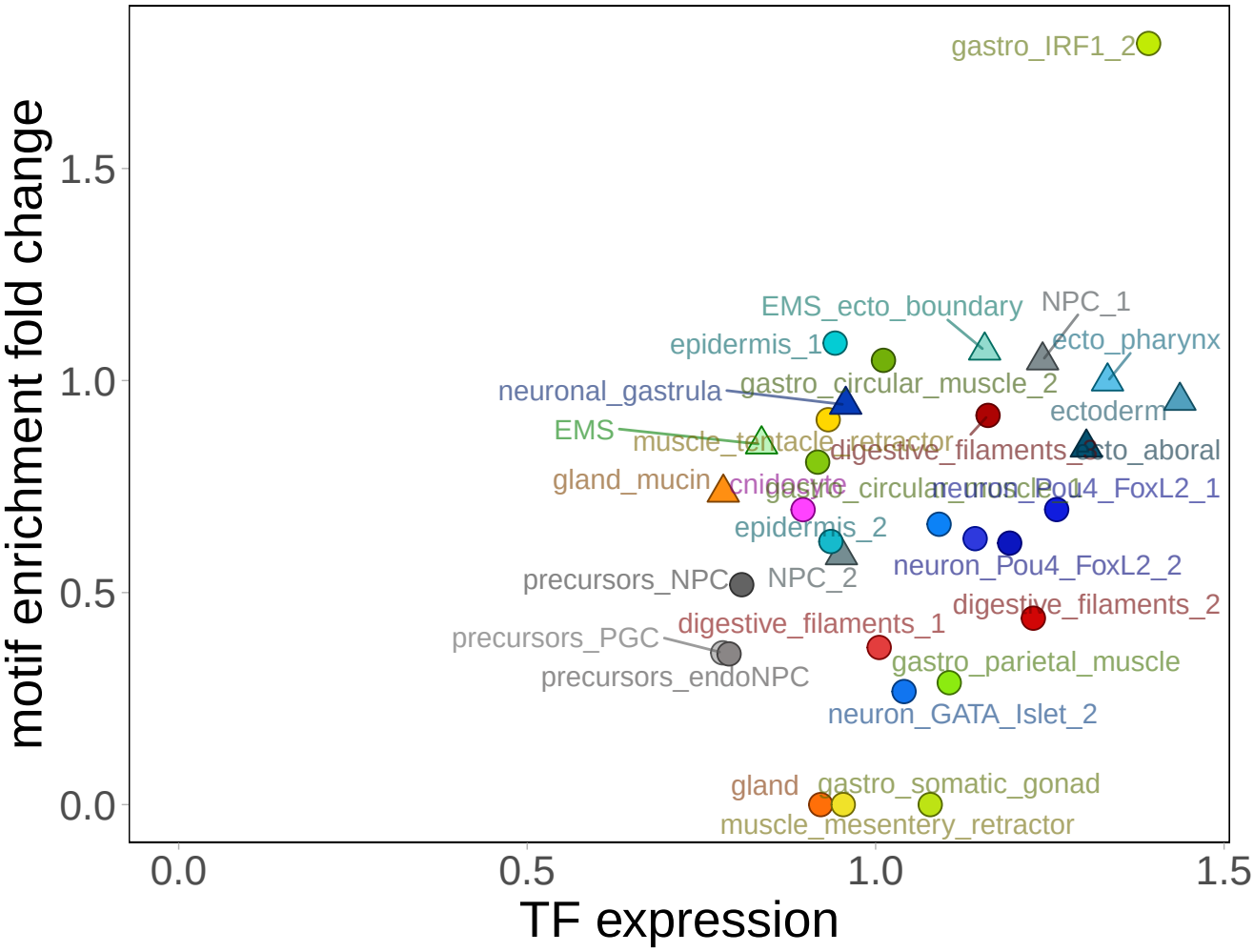
Nvec_vc1.1_XM_001639101.3
OG: Homeodomains.HG2.27:like:PAX1/PAX2/P
PFAM: PAX/Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.7338
gene score correlation: 0.9281



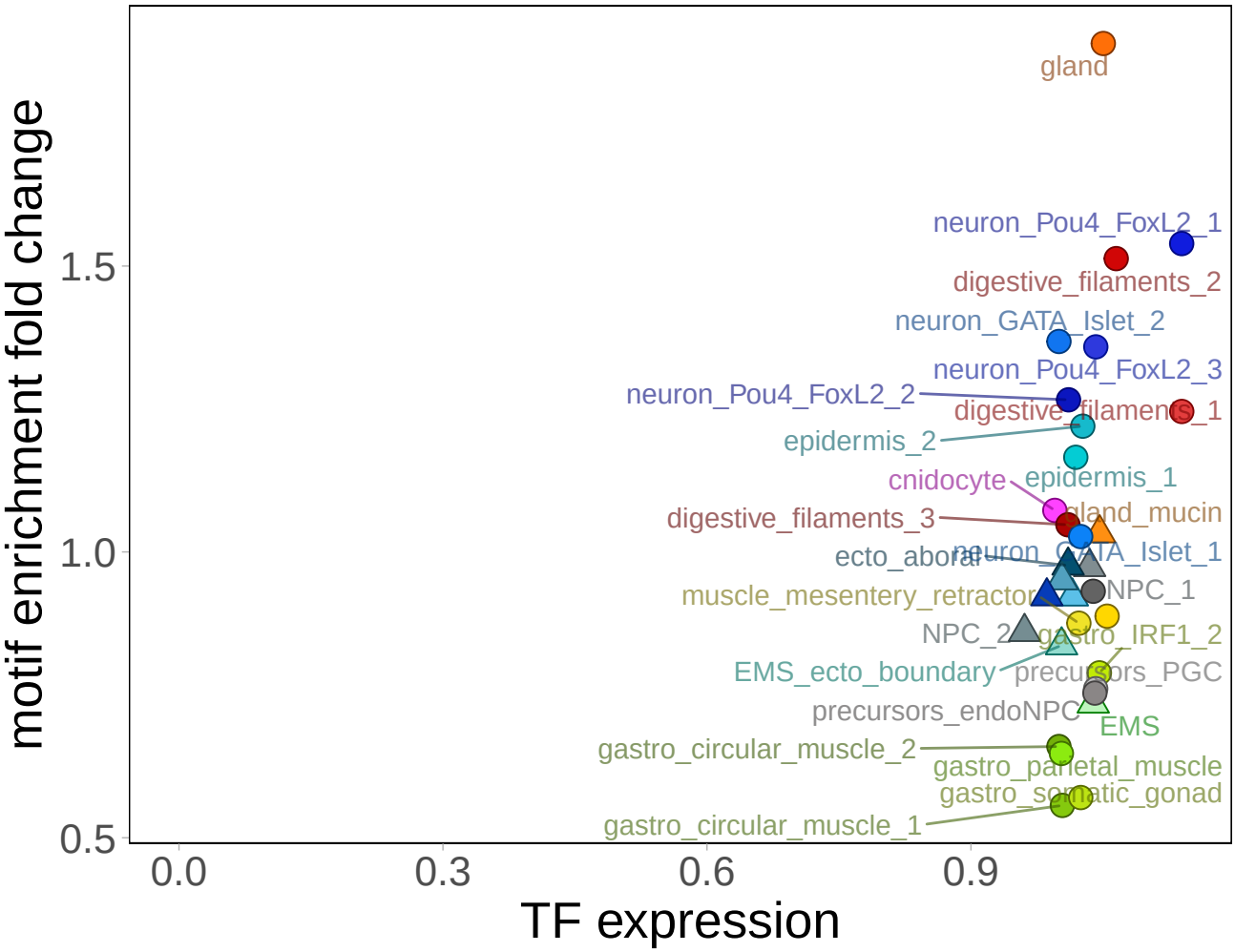
Nvec_vc1.1_XM_001639164.3
OG: Homeodomains.HG2.36:like:AC025287.4/
PFAM: Homeodomain
motif: ARCH41_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 56
gene expression correlation: −0.0565
gene score correlation: 0.1999



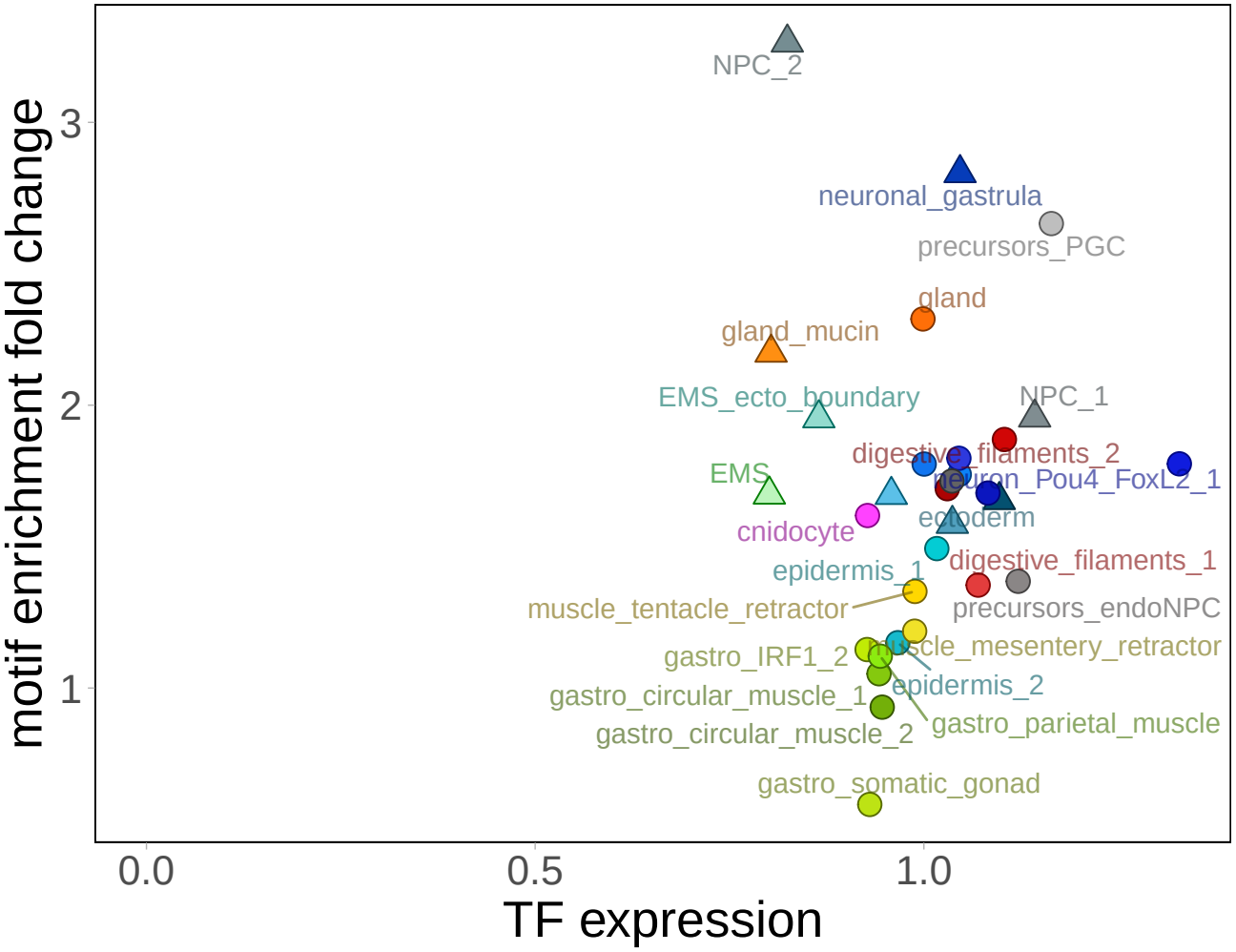
Nvec_vc1.1_XM_001639547.3
OG: zf−C2H2.HG2.11:KLF10/KLF11
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH347_Klf1/Klf4/Klf2_Klf1...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 637
gene expression correlation: 0.4140
gene score correlation: −0.1516



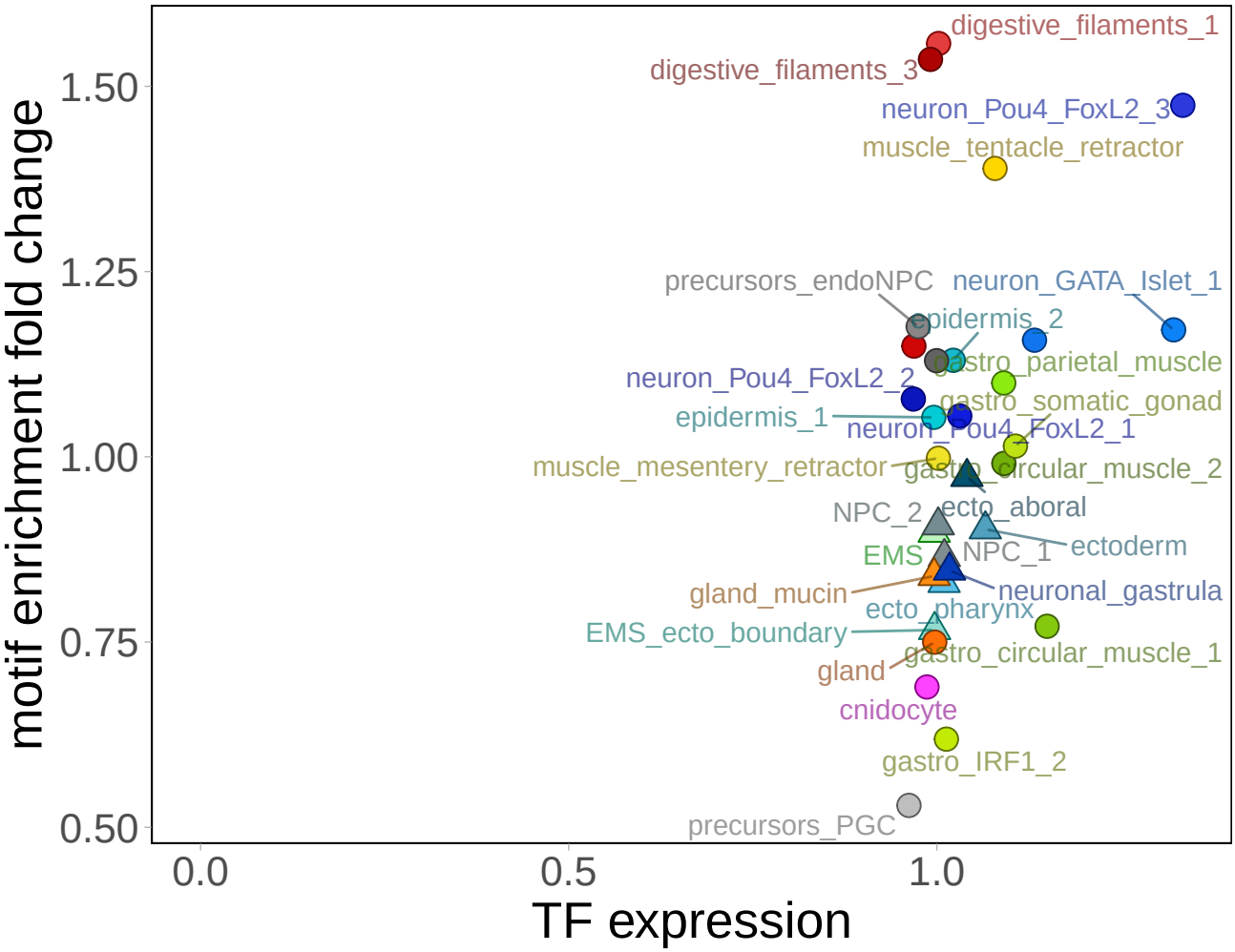
Nvec_vc1.1_XM_001639766.3
OG: zf−C2H2.HG3.18:like:HINFP/HIVEP2/HIV
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH31_TCX3
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 188
gene expression correlation: 0.4286
gene score correlation: 0.2141



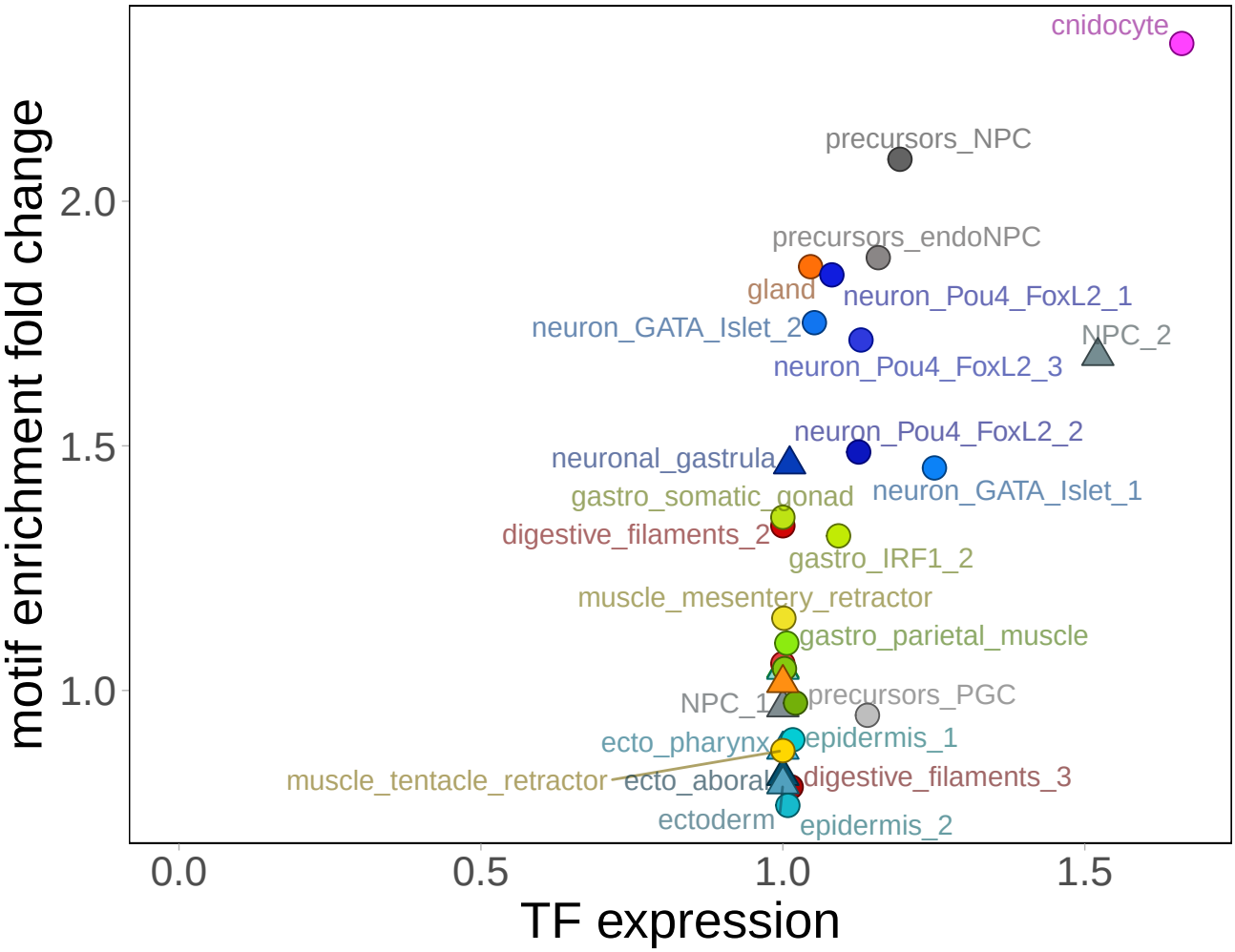
Nvec_vc1.1_XM_001640726.3
OG: NFYA.HG1.2:like:NFYA
PFAM: CBFB_NFYA
motif: ARCH178_Foxc2/Foxc1_Foxg1/G...
TF family: NFYA
archetype family: NFYA
CisBP assigned: TRUE
rank: 92
gene expression correlation: 0.0482
gene score correlation: 0.2775



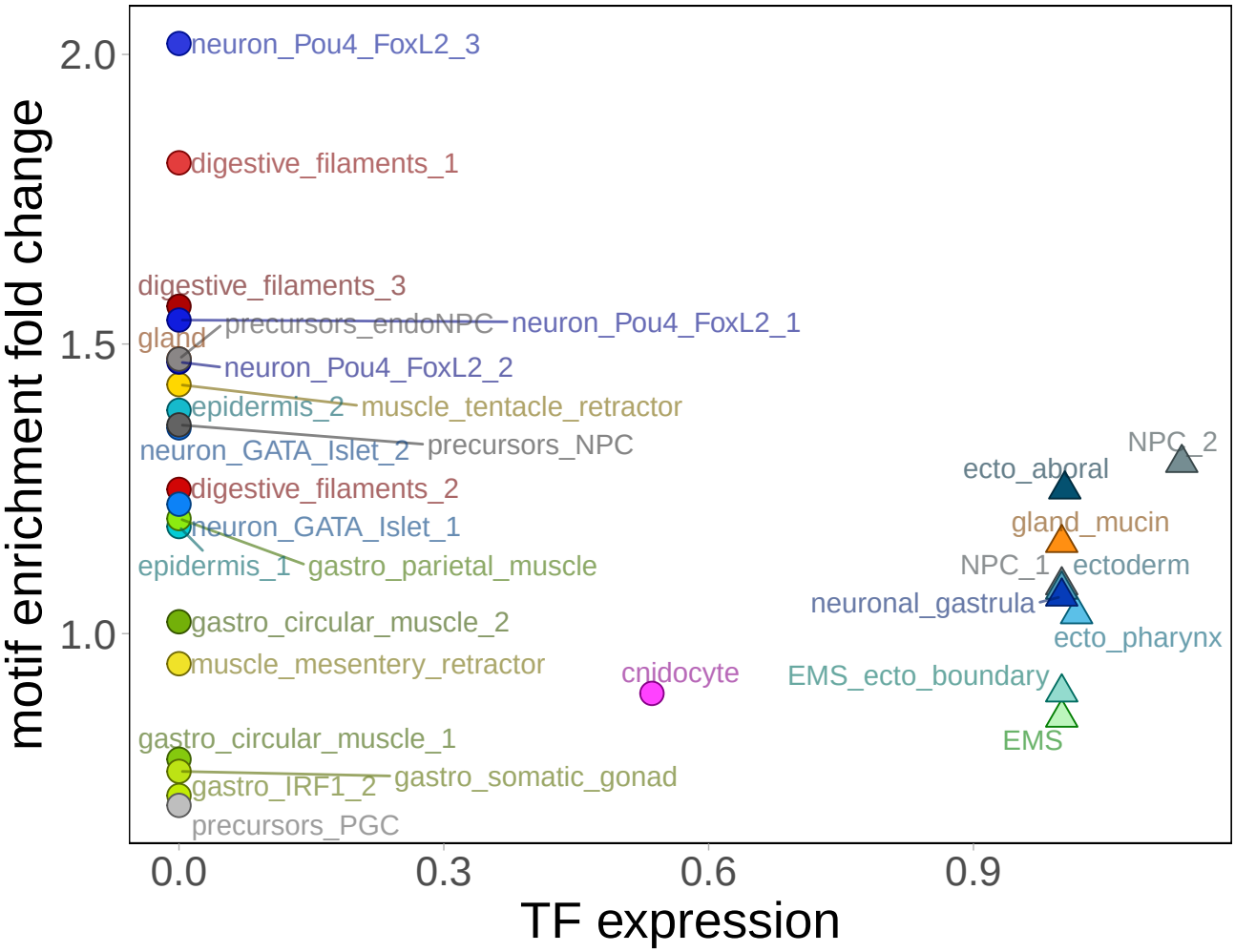
Nvec_vc1.1_XM_001640781.3
OG: Homeodomains.HG1.41:NKX1−1/NKX1−2
PFAM: Homeodomain
motif: ARCH91_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 39
gene expression correlation: 0.3262
gene score correlation: 0.3030



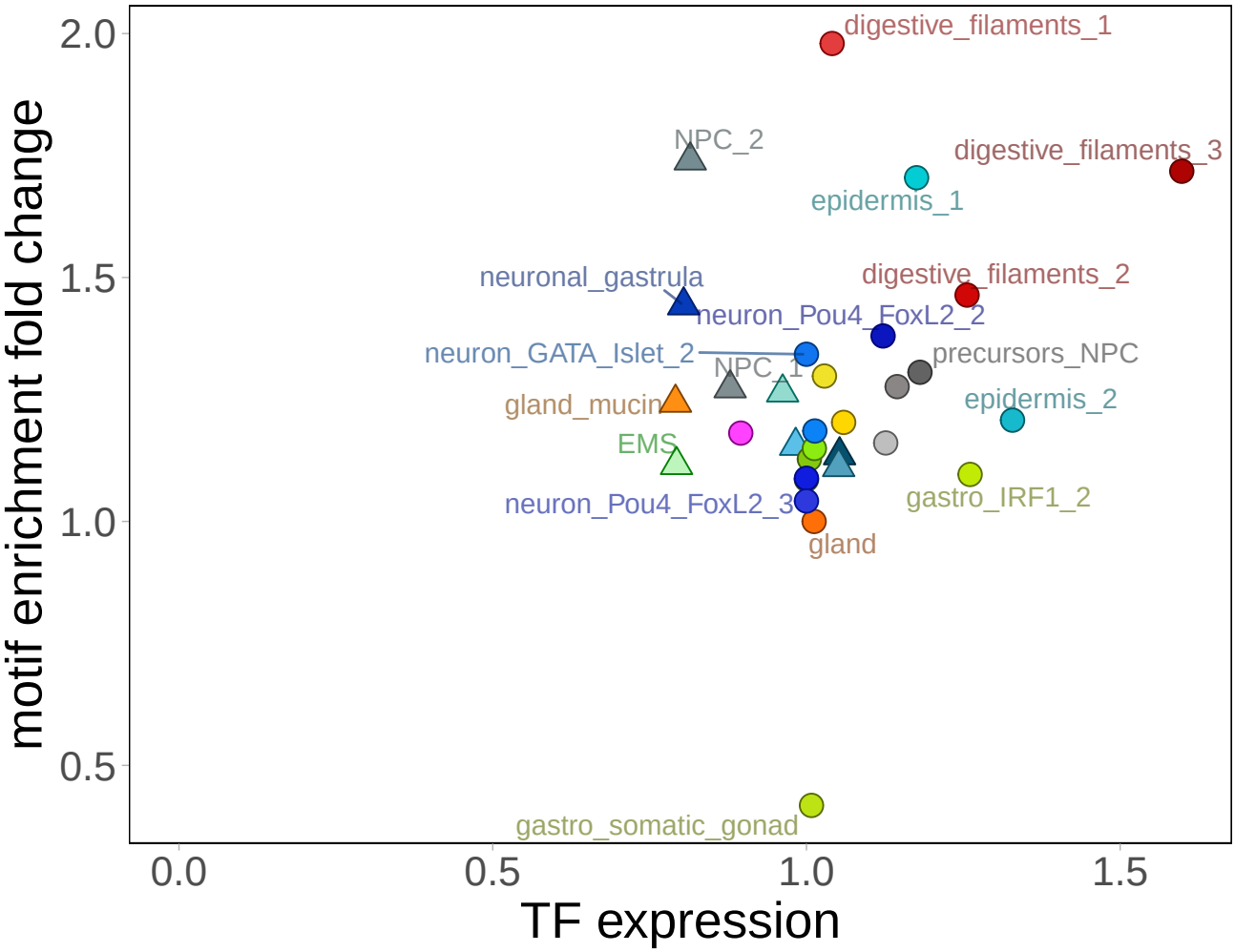
Nvec_vc1.1_XM_001640990.3
OG: HLH.HG1.77:like:NEUROD1/NEUROD2/N
PFAM: HLH
motif: ARCH763_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 41
gene expression correlation: 0.6637
gene score correlation: 0.5396



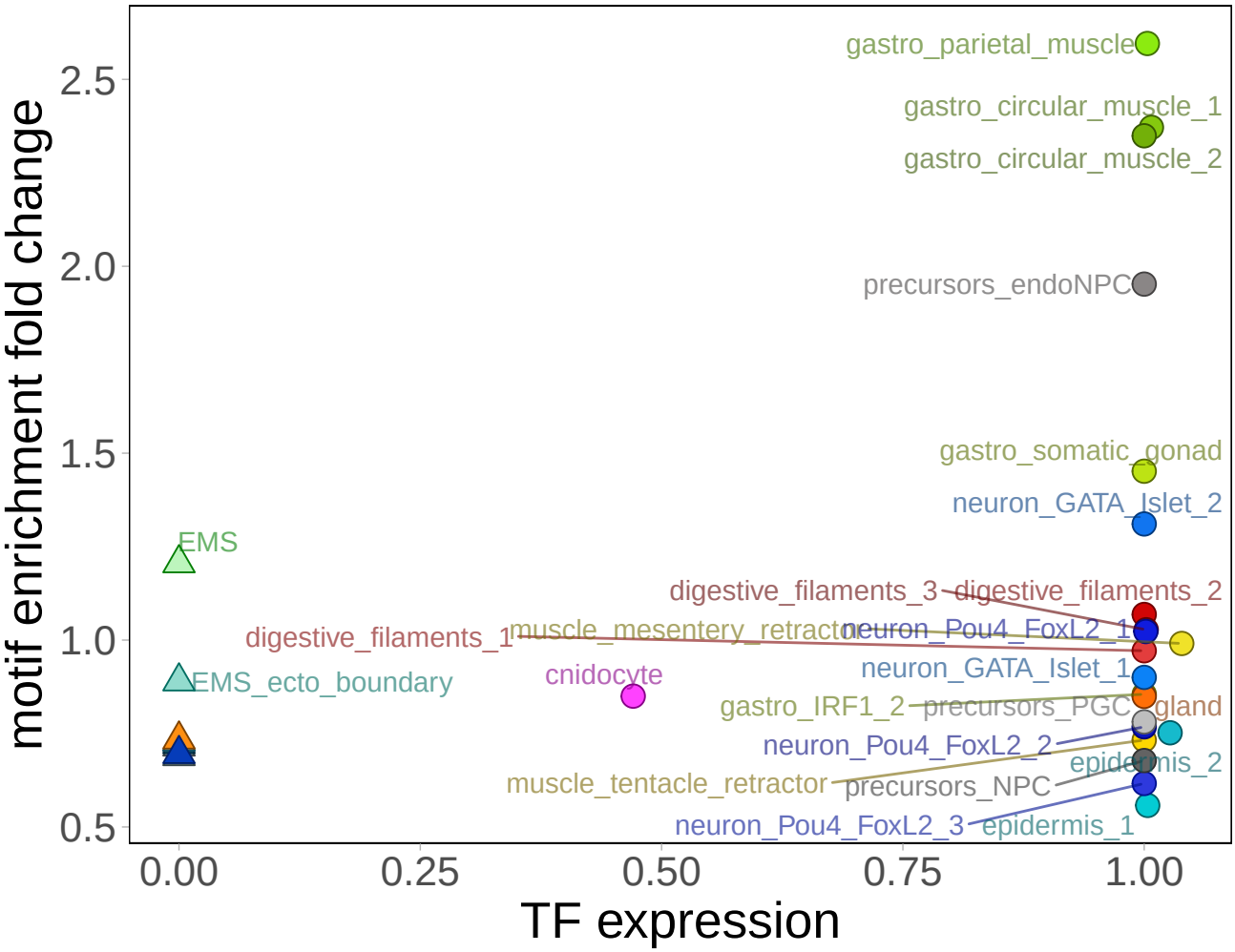
Nvec_vc1.1_XM_001641032.3
OG: Homeodomains.HG1.18:NANOG/NANOG
PFAM: Homeodomain
motif: ARCH271_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 78
gene expression correlation: −0.2860
gene score correlation: −0.2707



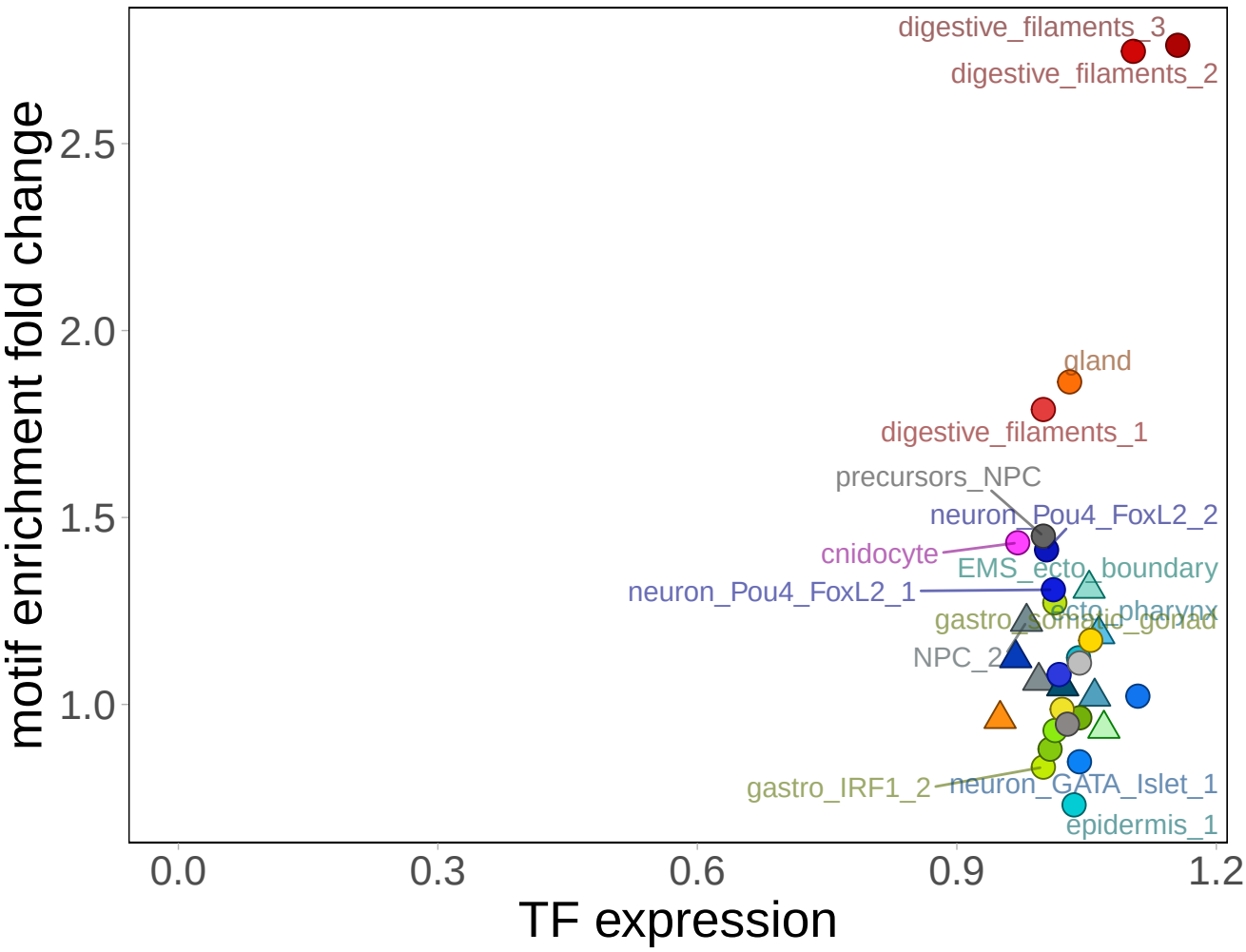
Nvec_vc1.1_XM_001641086.3
OG: zf−C2H2.HG7.5:SNAI1/SNAI2/SNAI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 39
gene expression correlation: 0.2016
gene score correlation: 0.1990



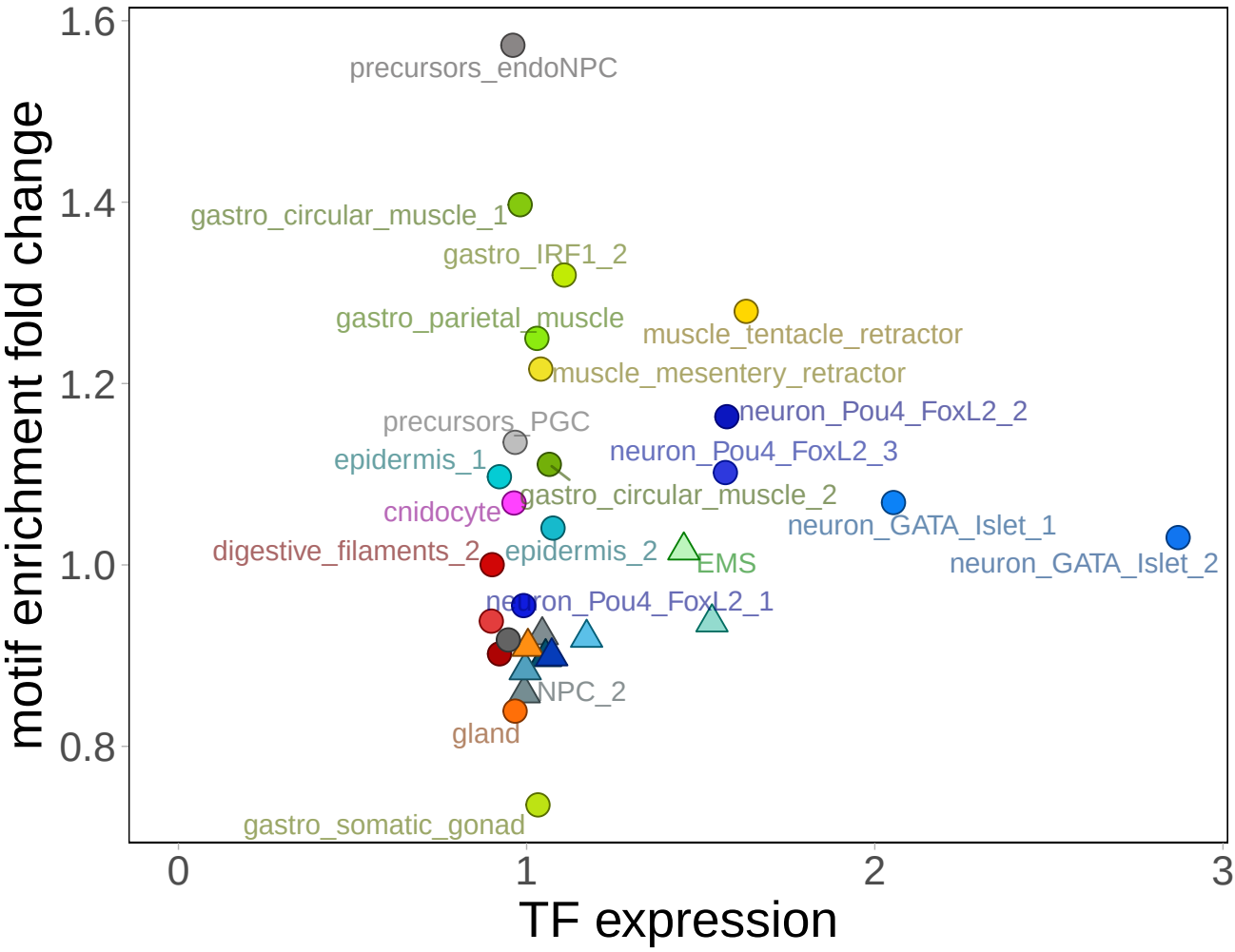
Nvec_vc1.1_XM_001641575.3
OG: Homeodomains.HG1.68:AC004080.3/AC0
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.3275
gene score correlation: 0.7549



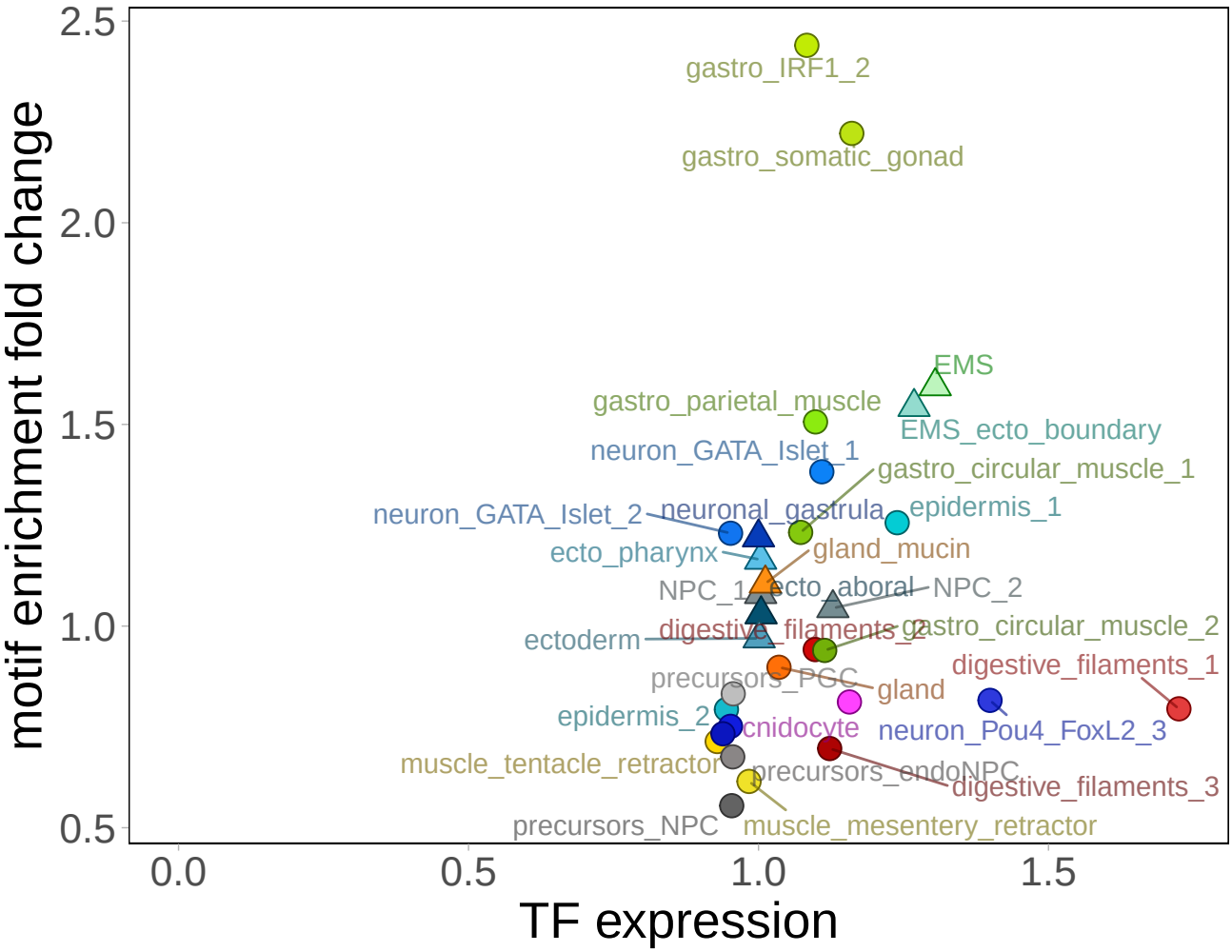
Nvec_vc1.1_XM_001641783.3
OG: mTERF.HG1.0:MTERF4
PFAM: mTERF
motif: ARCH888_Foxo1
TF family: mTERF
archetype family:
CisBP assigned: FALSE
rank: 545
gene expression correlation: 0.4536
gene score correlation: 0.0587



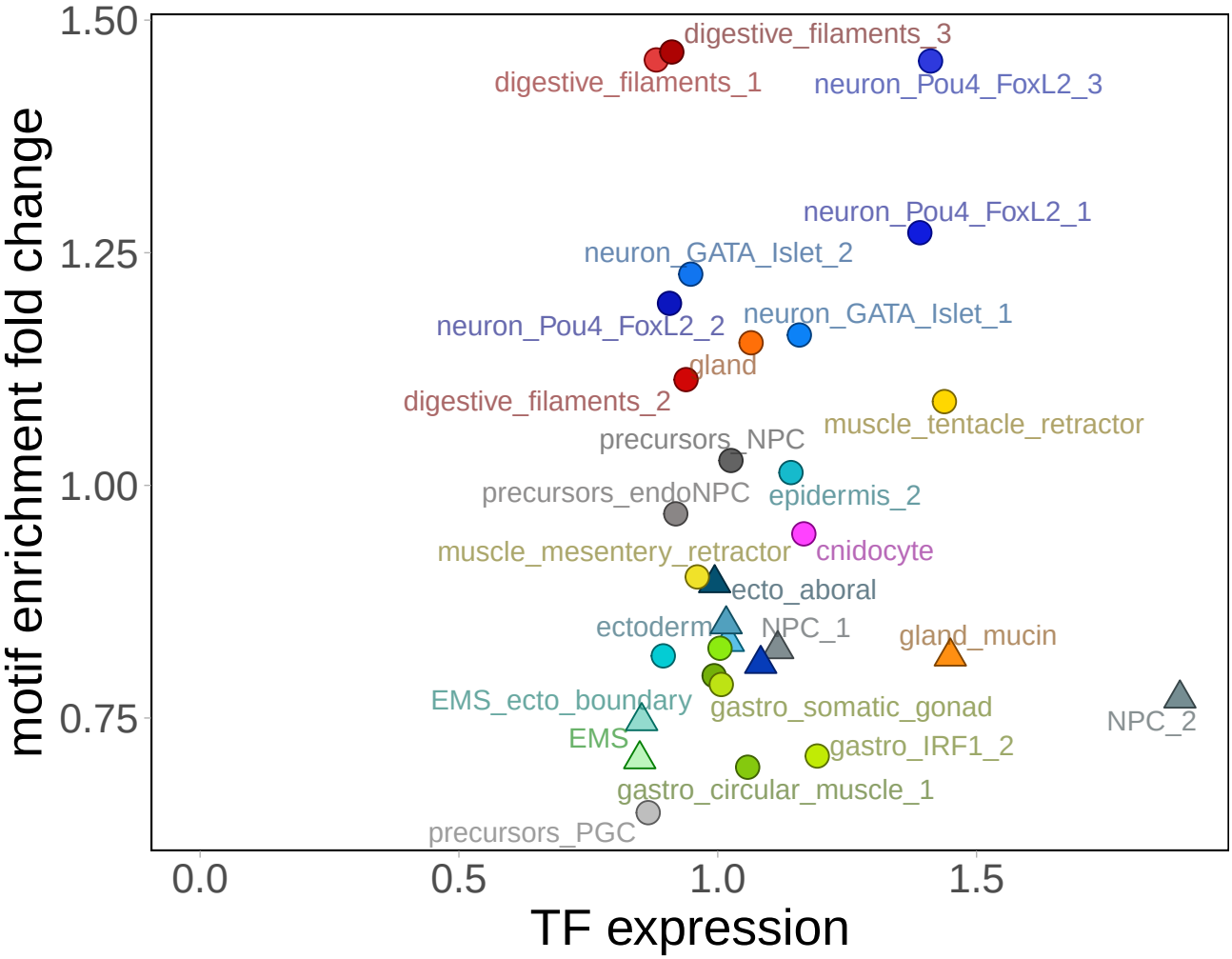
Nvec_vc1.1_XM_001647488.3
OG: Homeodomains.HG2.46:CRX/OTX1/OTX2
PFAM: Homeodomain
motif: ARCH697_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 25
gene expression correlation: 0.0769
gene score correlation: 0.3898



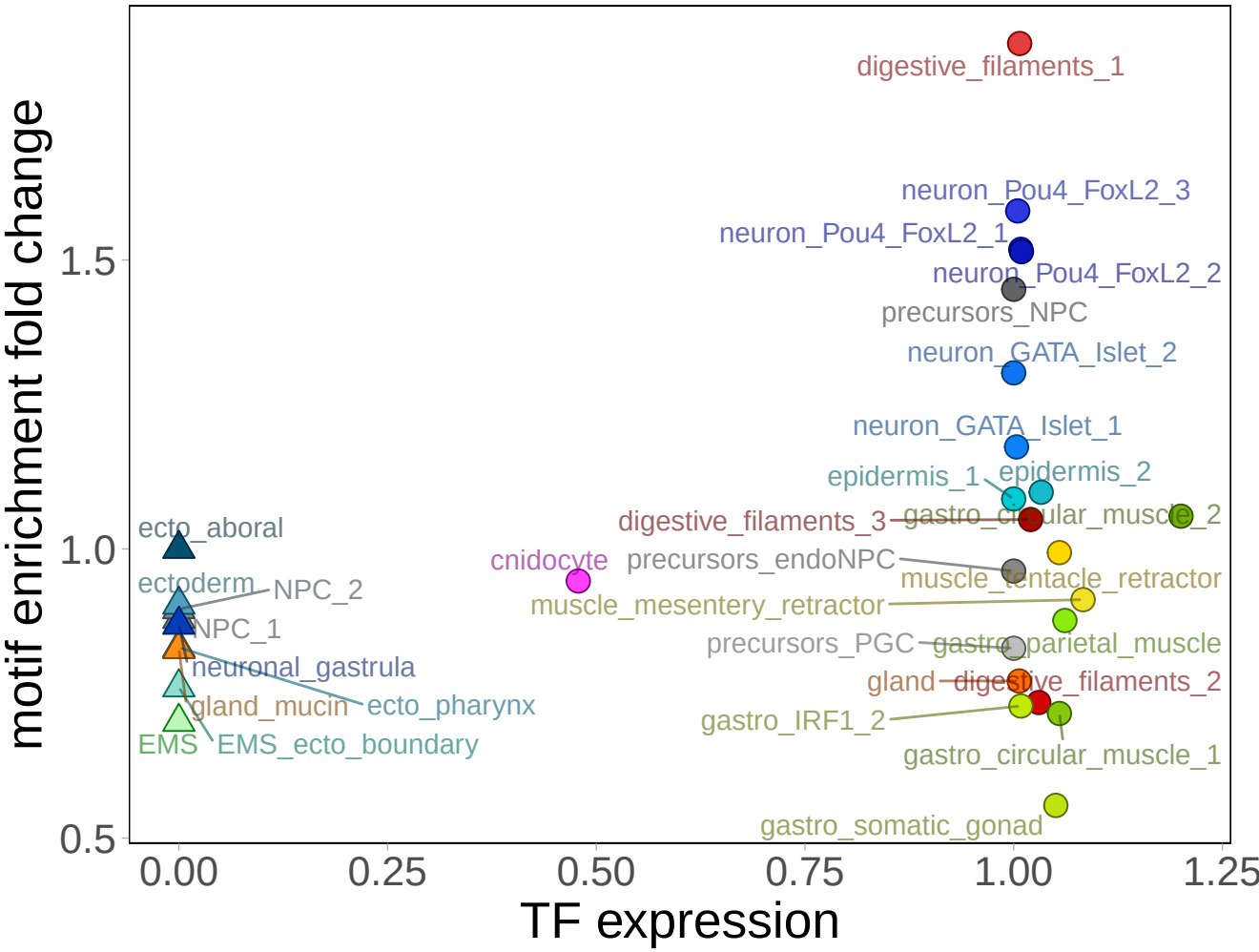
Nvec_vc1.1_XM_032361849.2
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
motif: ARCH572_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 4
gene expression correlation: 0.1791
gene score correlation: 0.7398



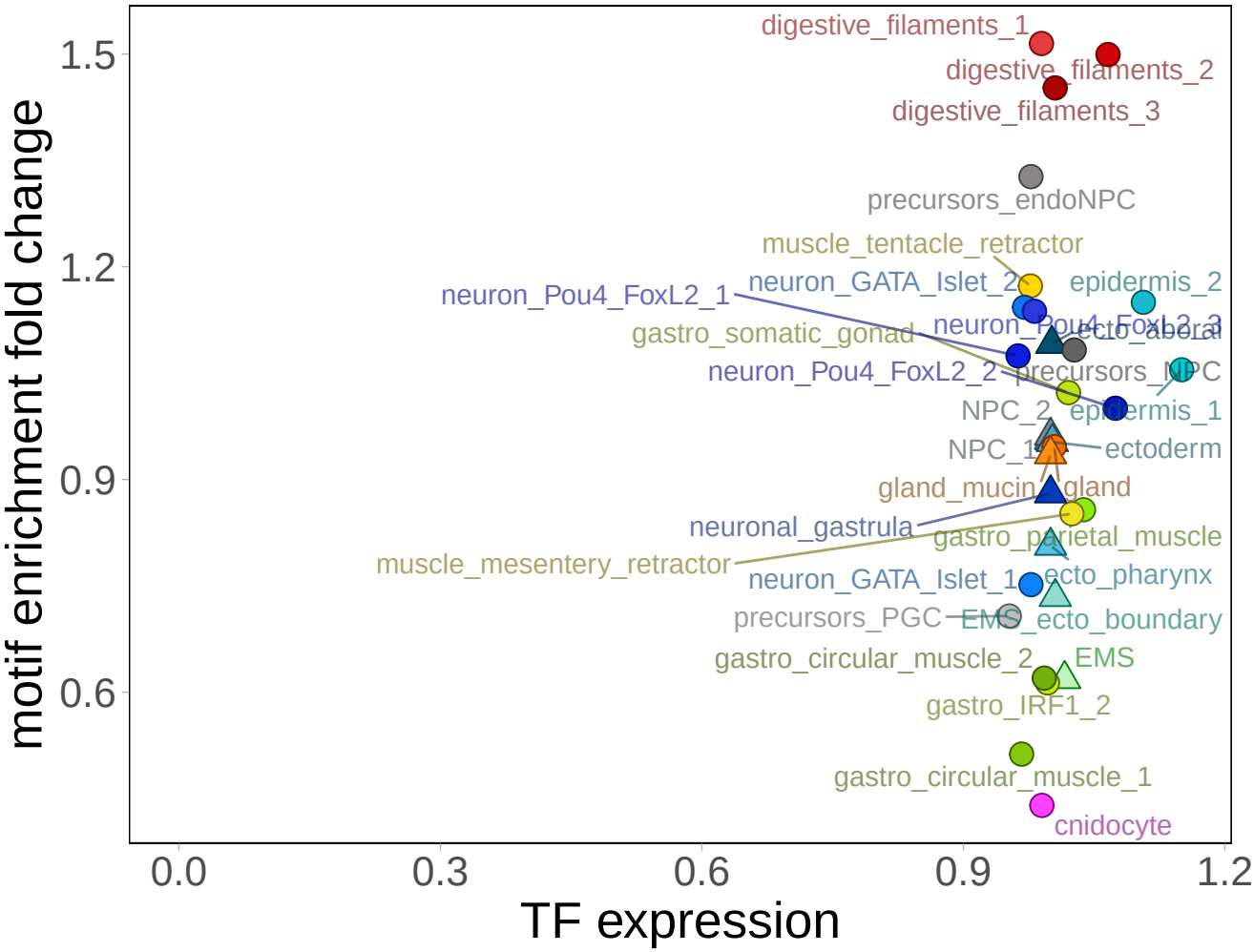
Nvec_vc1.1_XM_032362135.2
OG: ARID_BRIGHT.HG1.9:ARID3A/ARID3B/A
PFAM: ARID
motif: ARCH13_Arid2_Arid3c/Arid3a/...
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: TRUE
rank: 41
gene expression correlation: 0.0405
gene score correlation: 0.2015



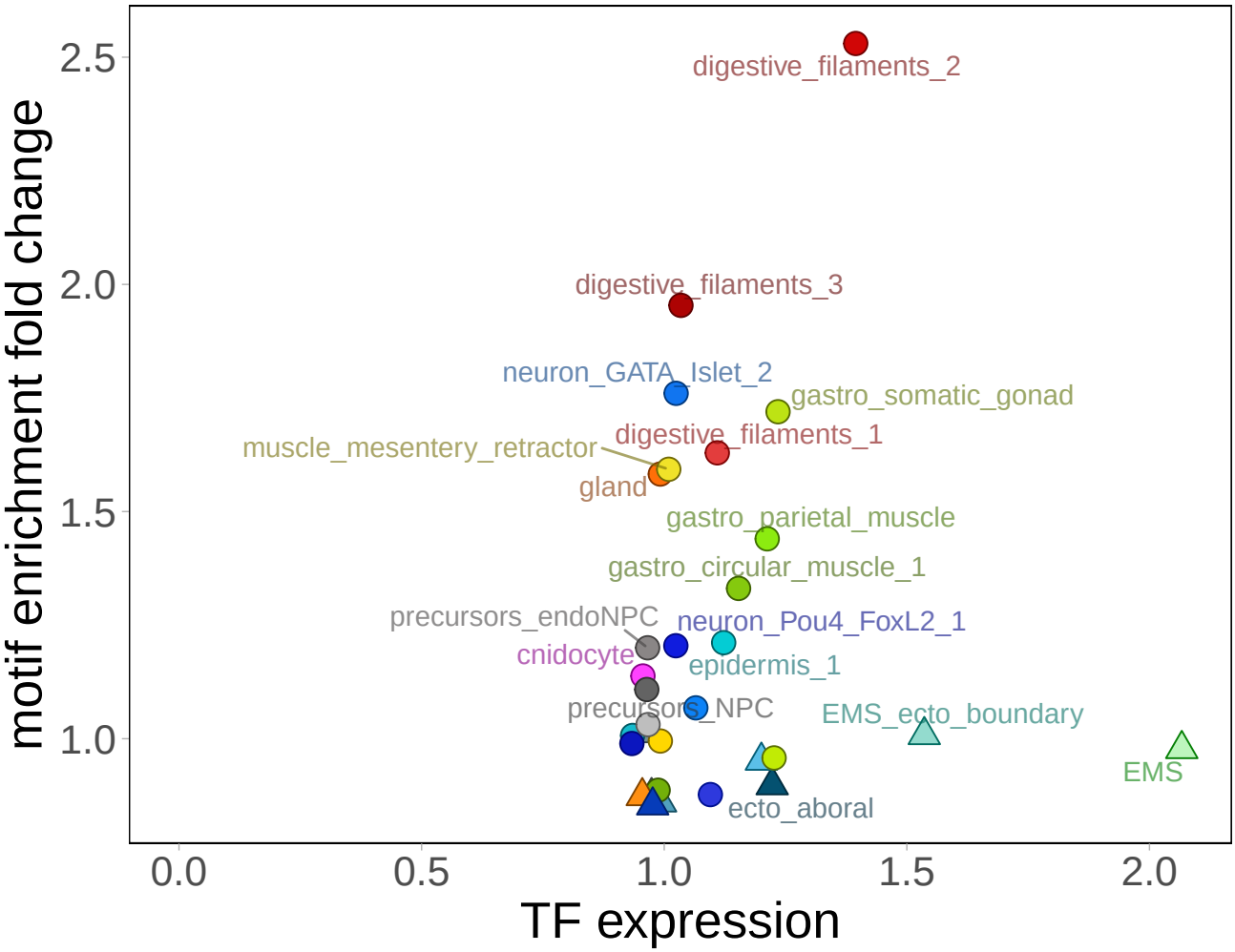
Nvec_vc1.1_XM_032362307.2
OG: Homeodomains.HG1.66:like:GSX1/GSX2
PFAM: Homeodomain
motif: ARCH304_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 477
gene expression correlation: 0.3338
gene score correlation: 0.2112



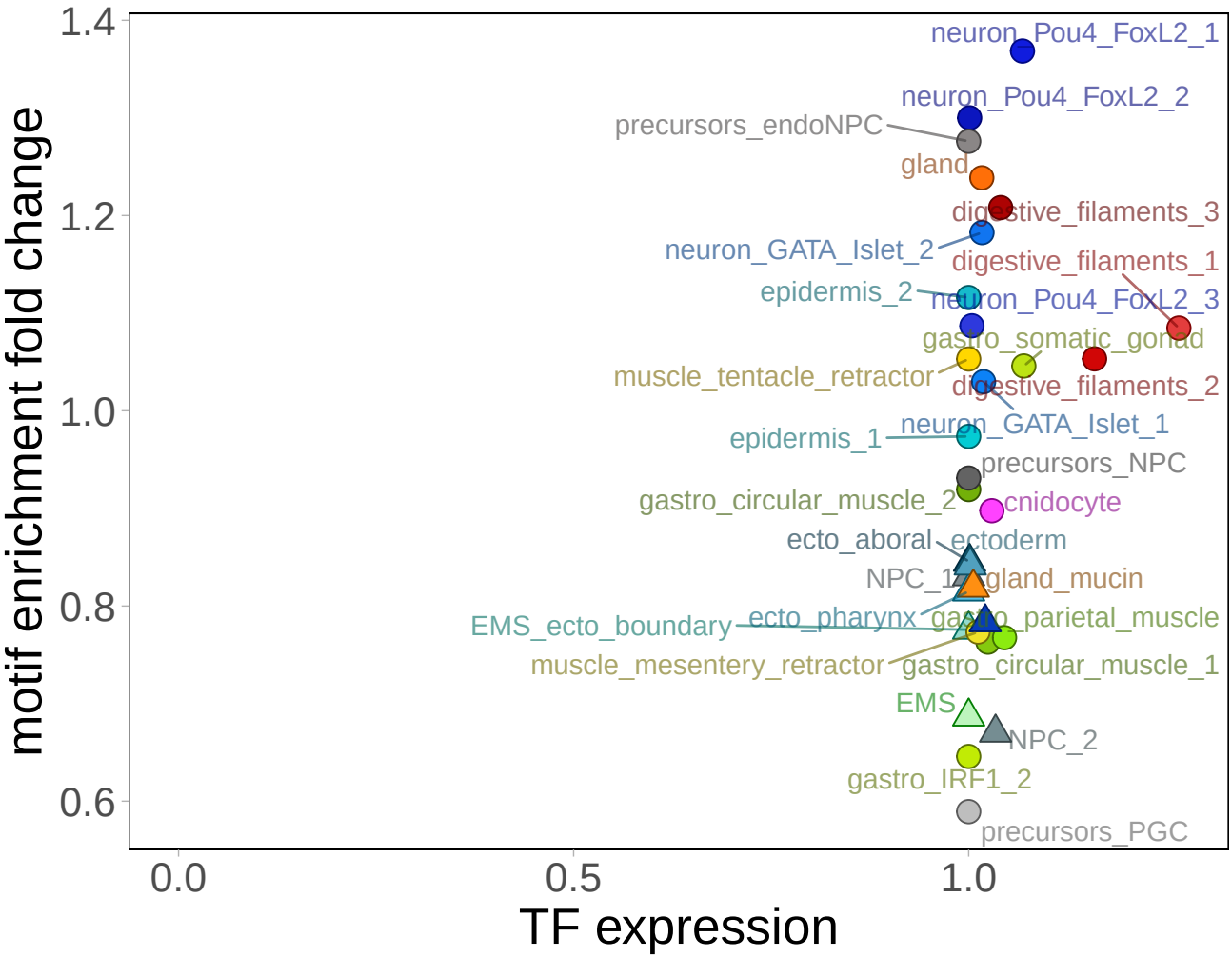
Nvec_vc1.1_XM_032362346.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH264_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 971
gene expression correlation: 0.2180
gene score correlation: −0.0633



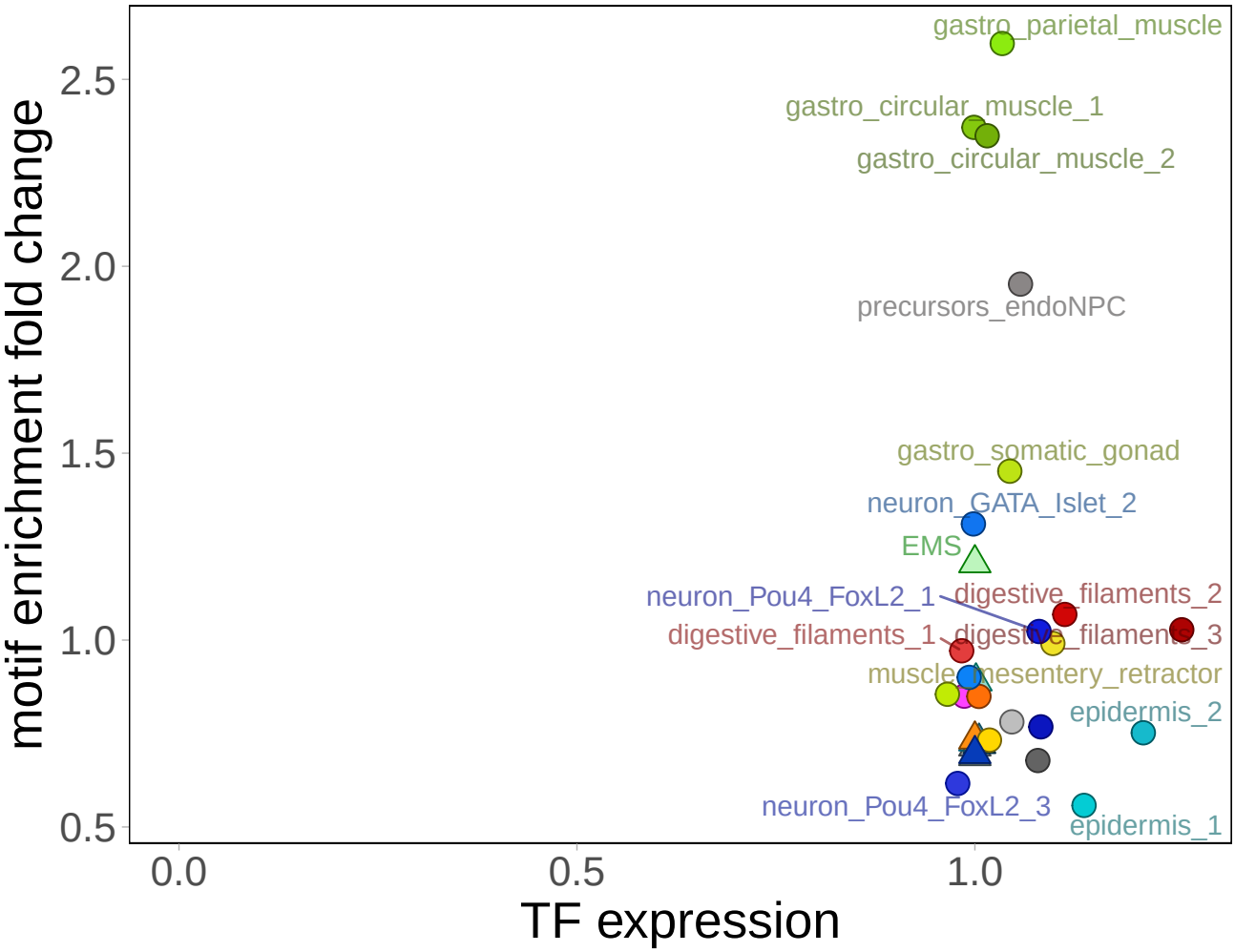
Nvec_vc1.1_XM_032362379.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.1135
gene score correlation: 0.5640



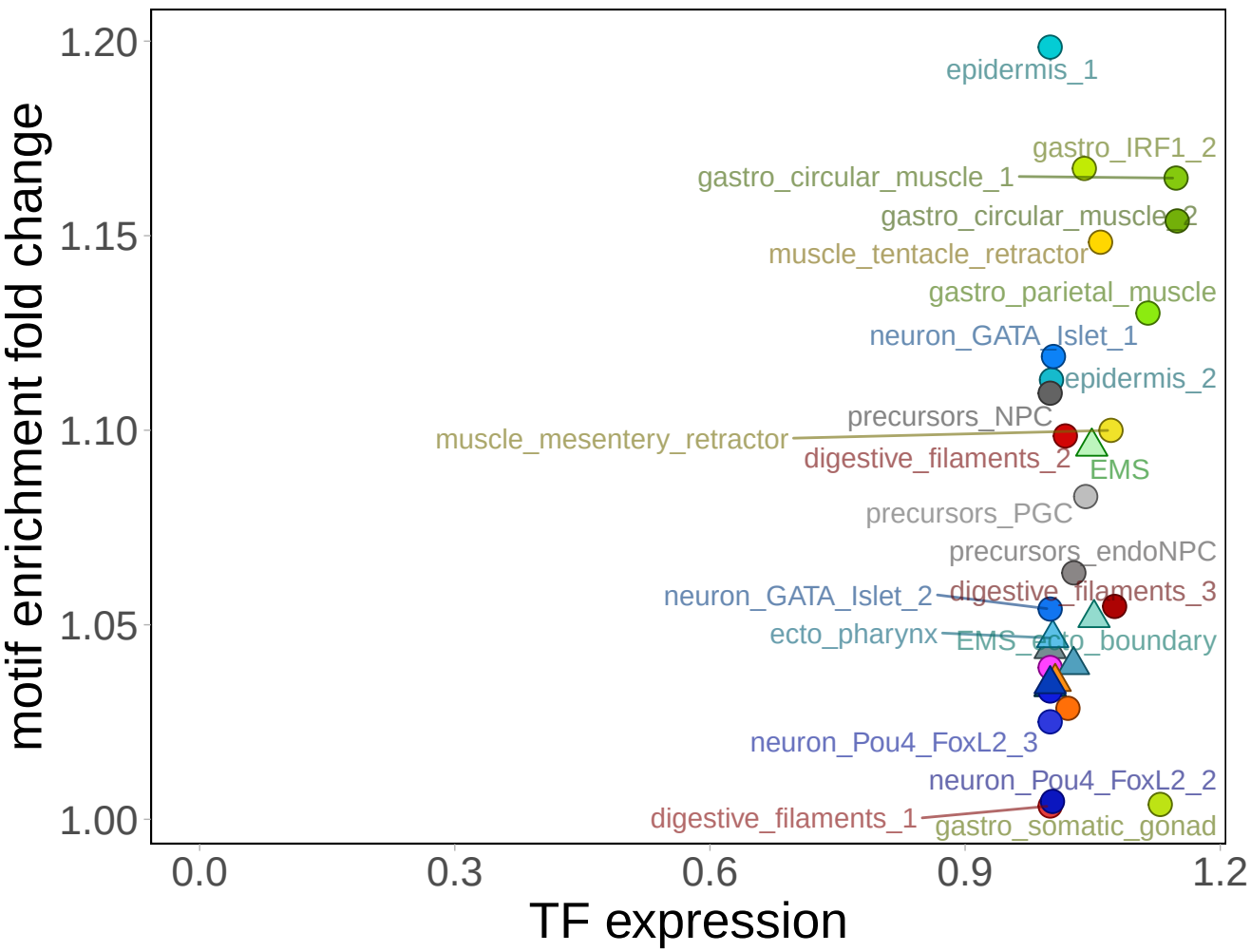
Nvec_vc1.1_XM_032362387.2
OG: Doublesex_DM.HG1.13:like:DMRT1/DMR
PFAM: DM/DMA
motif: ARCH28_Dmrt2_Dmrtc2
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 635
gene expression correlation: 0.2333
gene score correlation: 0.1977



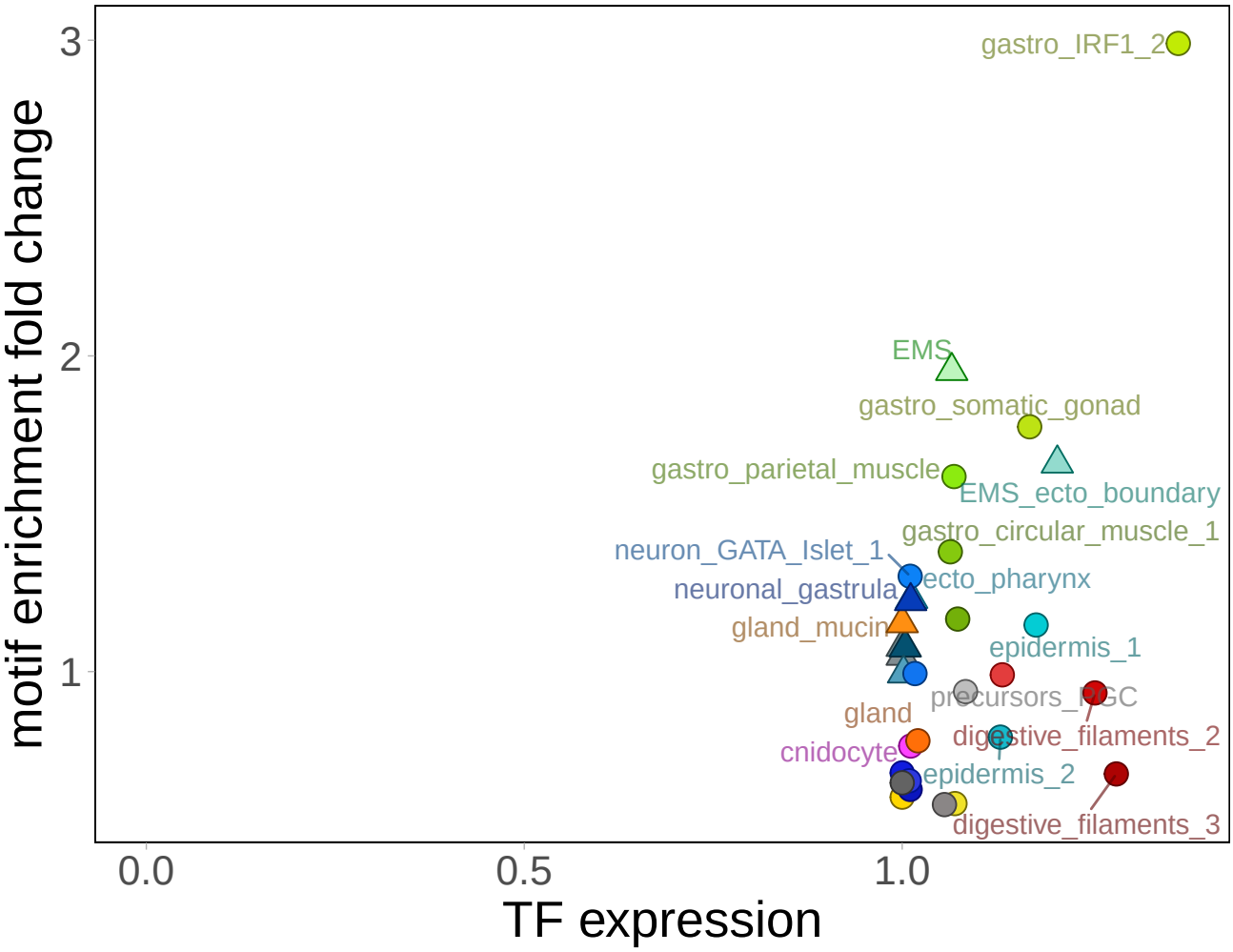
Nvec_vc1.1_XM_032362396.2
OG: Homeodomains.HG1.69:HOXA3/HOXB3/H
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 36
gene expression correlation: −0.0518
gene score correlation: 0.6064



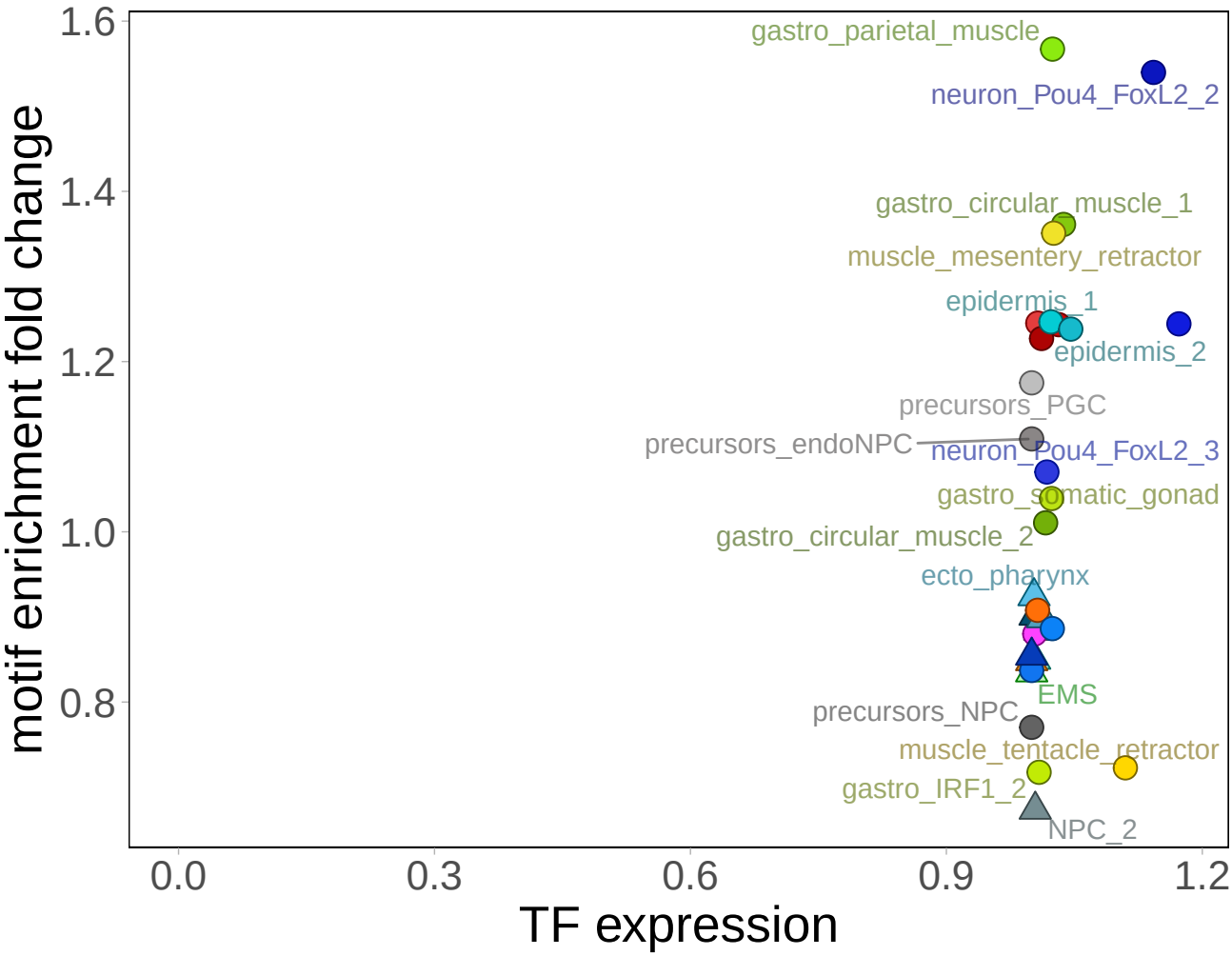
Nvec_vc1.1_XM_032362607.2
OG: Forkhead.HG1.5:FOXQ1
PFAM: Forkhead
motif: ARCH895_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 192
gene expression correlation: 0.3882
gene score correlation: 0.2963



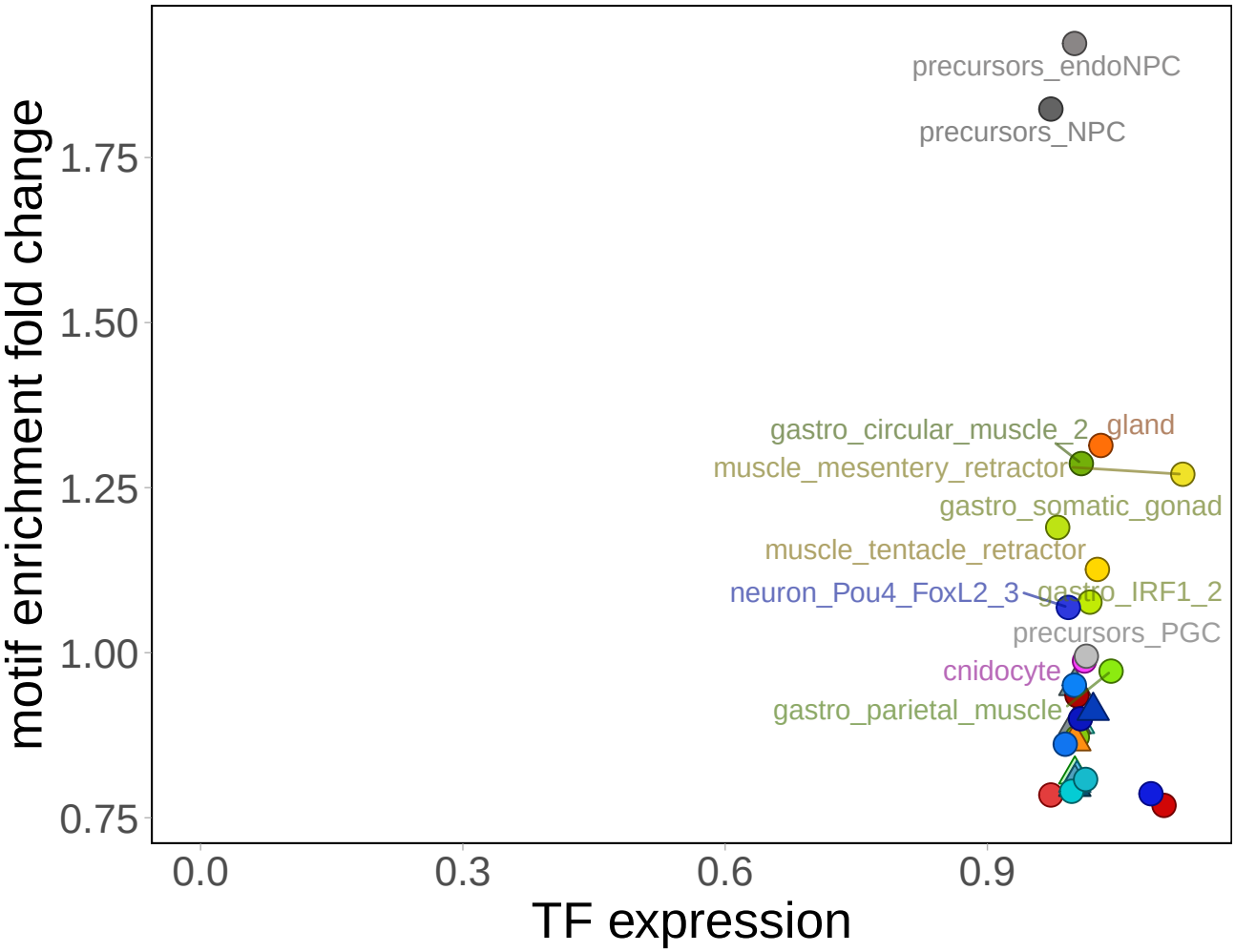
Nvec_vc1.1_XM_032362934.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 3
gene expression correlation: 0.5020
gene score correlation: 0.6470



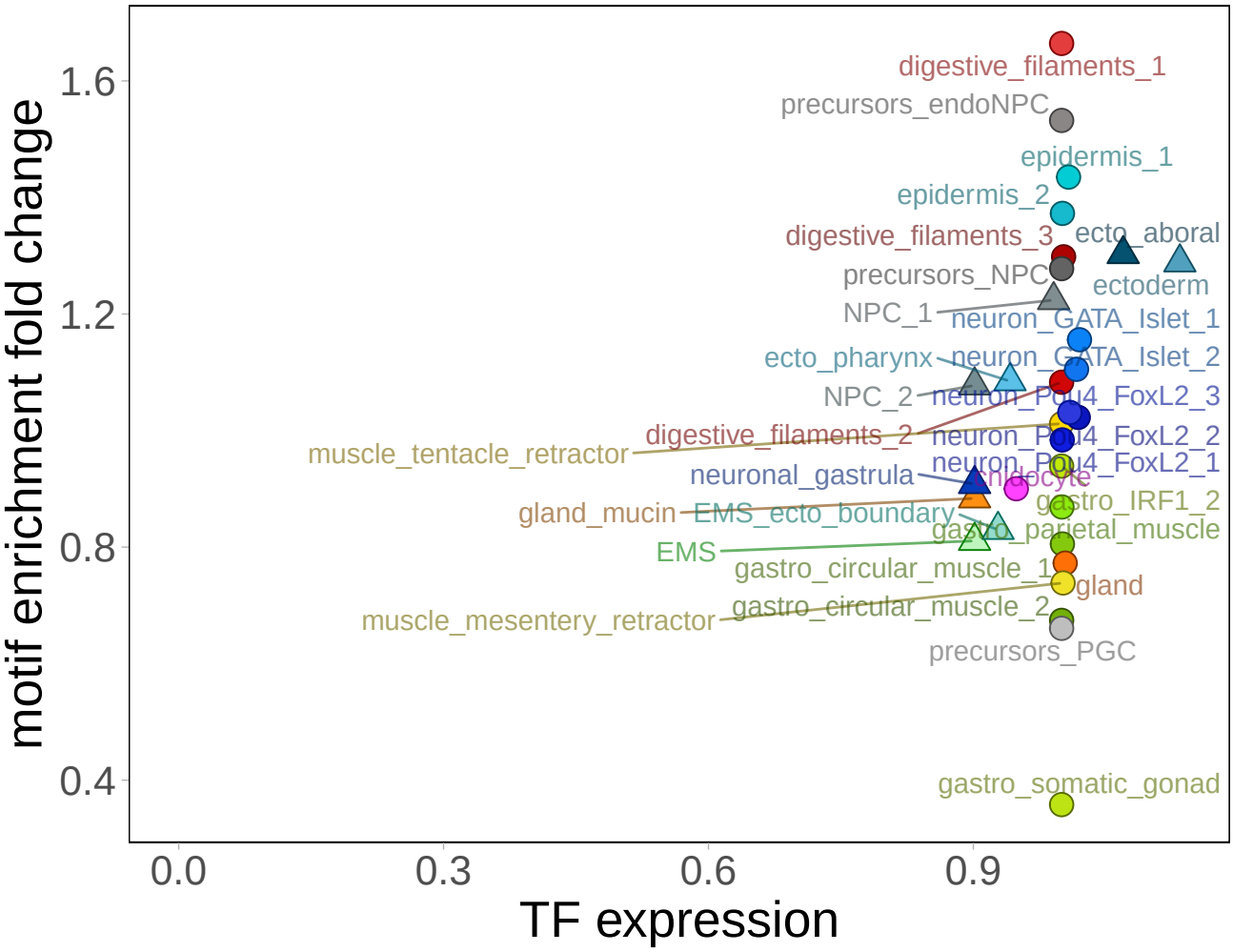
Nvec_vc1.1_XM_032362959.2
OG: MADS−box_SRF.HG1.1:like:BORCS8−ME
PFAM: SRF−TF
motif: ARCH1108_Mef2c/Mef2b/Mef2a/...
TF family: MADS−box_SRF
archetype family: MADS−box_SRF
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3954
gene score correlation: 0.5536



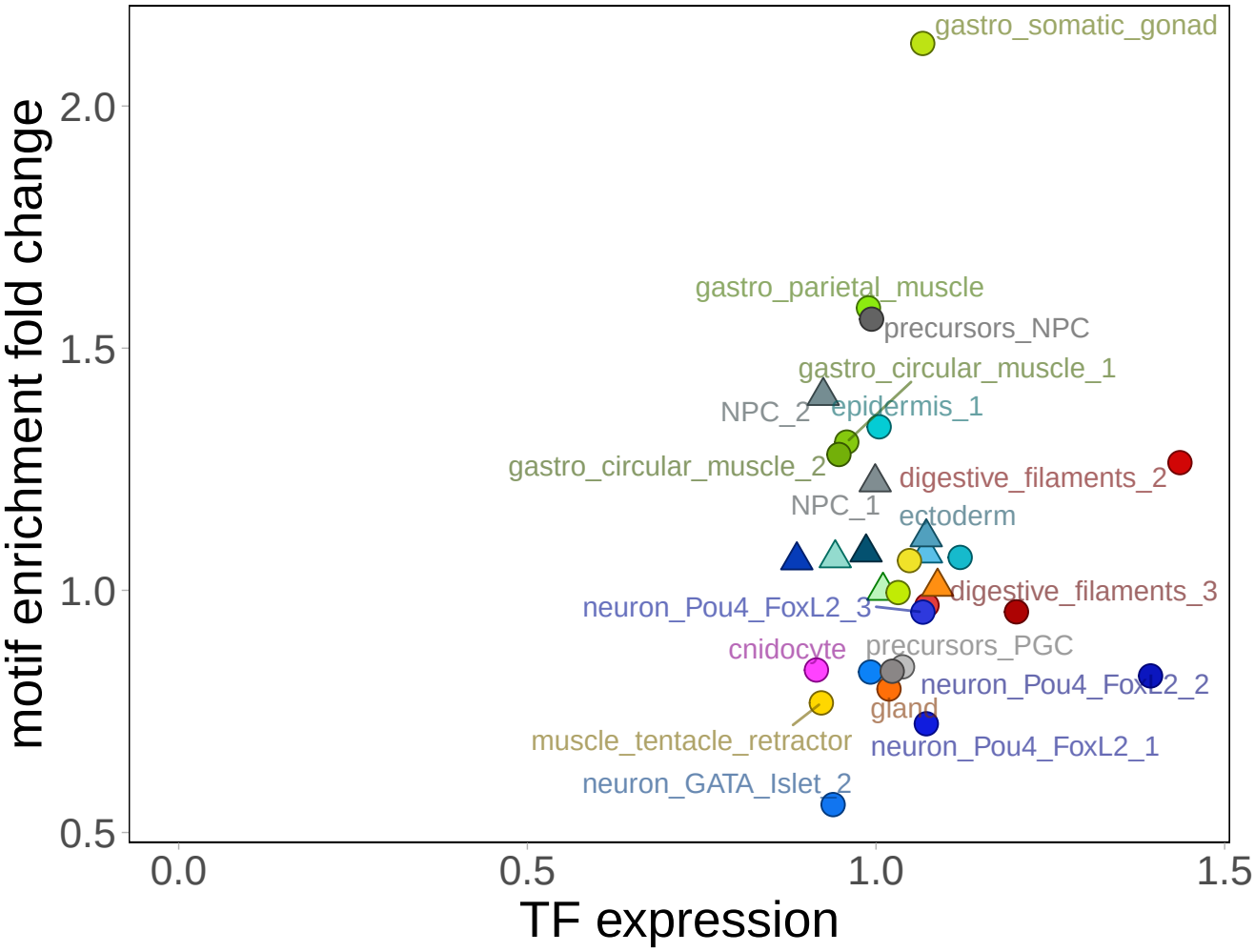
Nvec_vc1.1_XM_032363017.2
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/T
PFAM: HLH
motif: ARCH771_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 24
gene expression correlation: −0.0787
gene score correlation: −0.0253



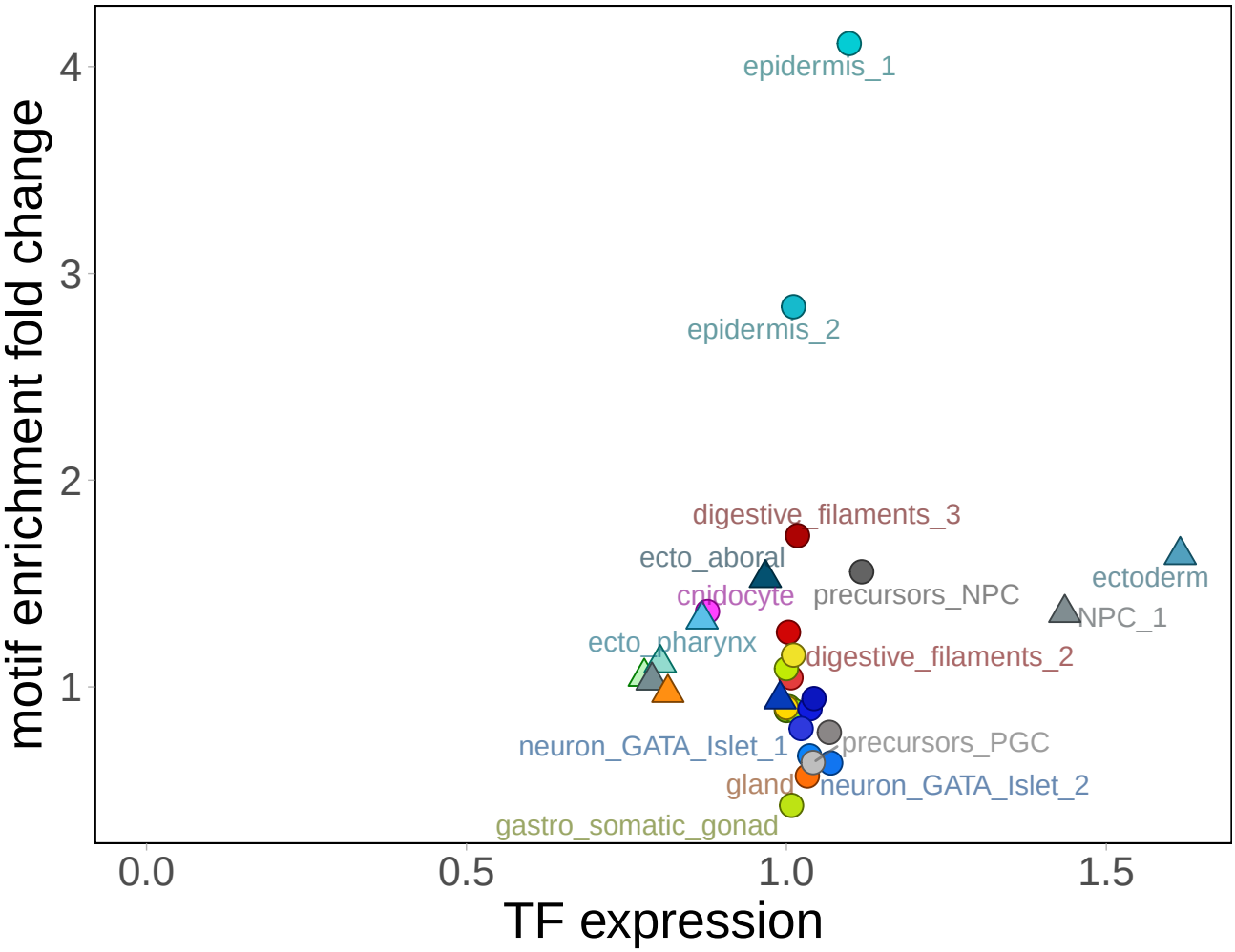
Nvec_vc1.1_XM_032363027.2
OG: zf−C2H2.HG19.1:PRDM14
PFAM: SET/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1411_Nr2e3
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 672
gene expression correlation: 0.2937
gene score correlation: 0.0769



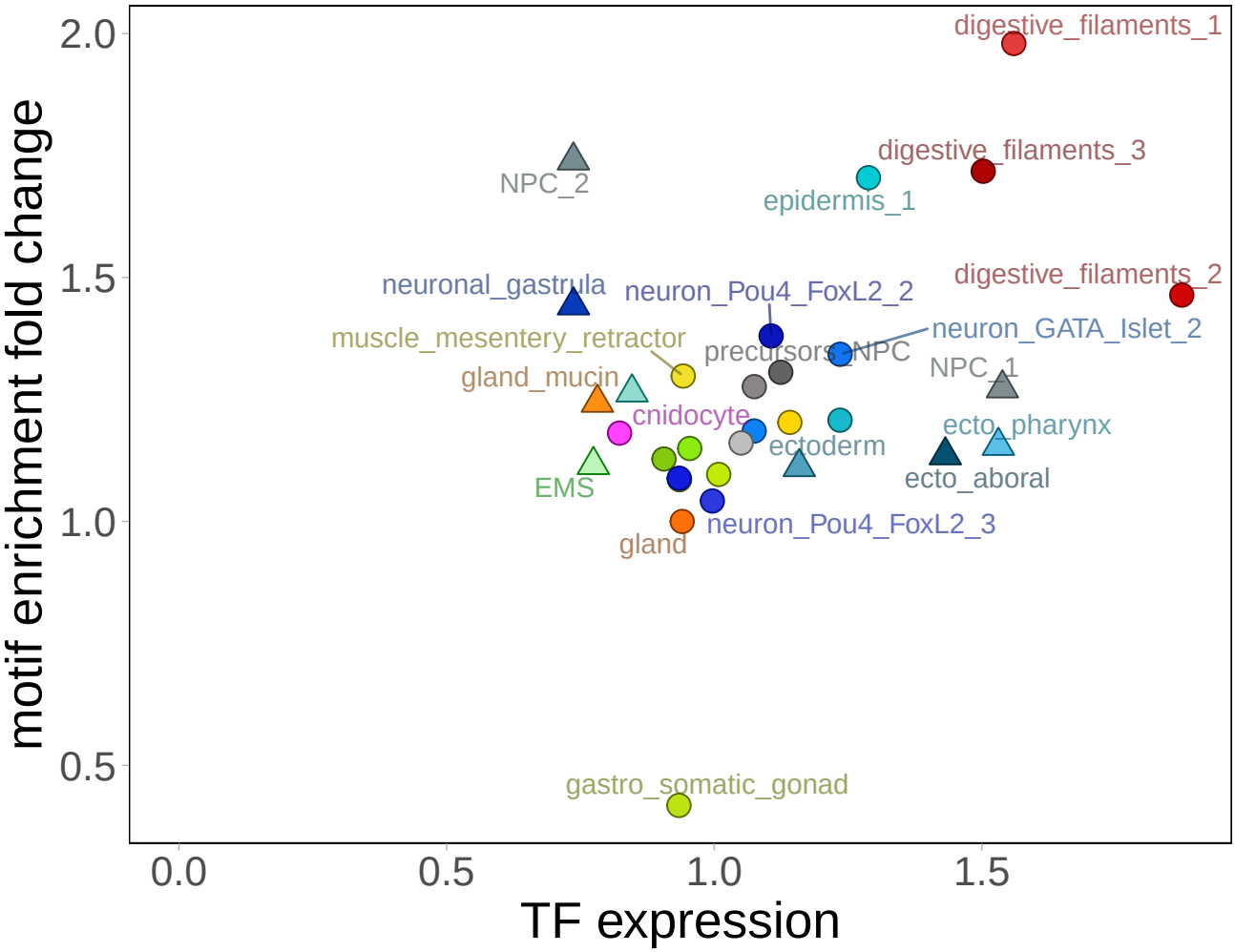
Nvec_vc1.1_XM_032363271.2
OG: zf−C4_Nuclear_receptors.HG1.8:HNF4A/
PFAM: zf−C4/Hormone_recep
motif: ARCH1497_Hnf4g/Hnf4a_Nr2c1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 7
gene expression correlation: −0.0168
gene score correlation: 0.4629



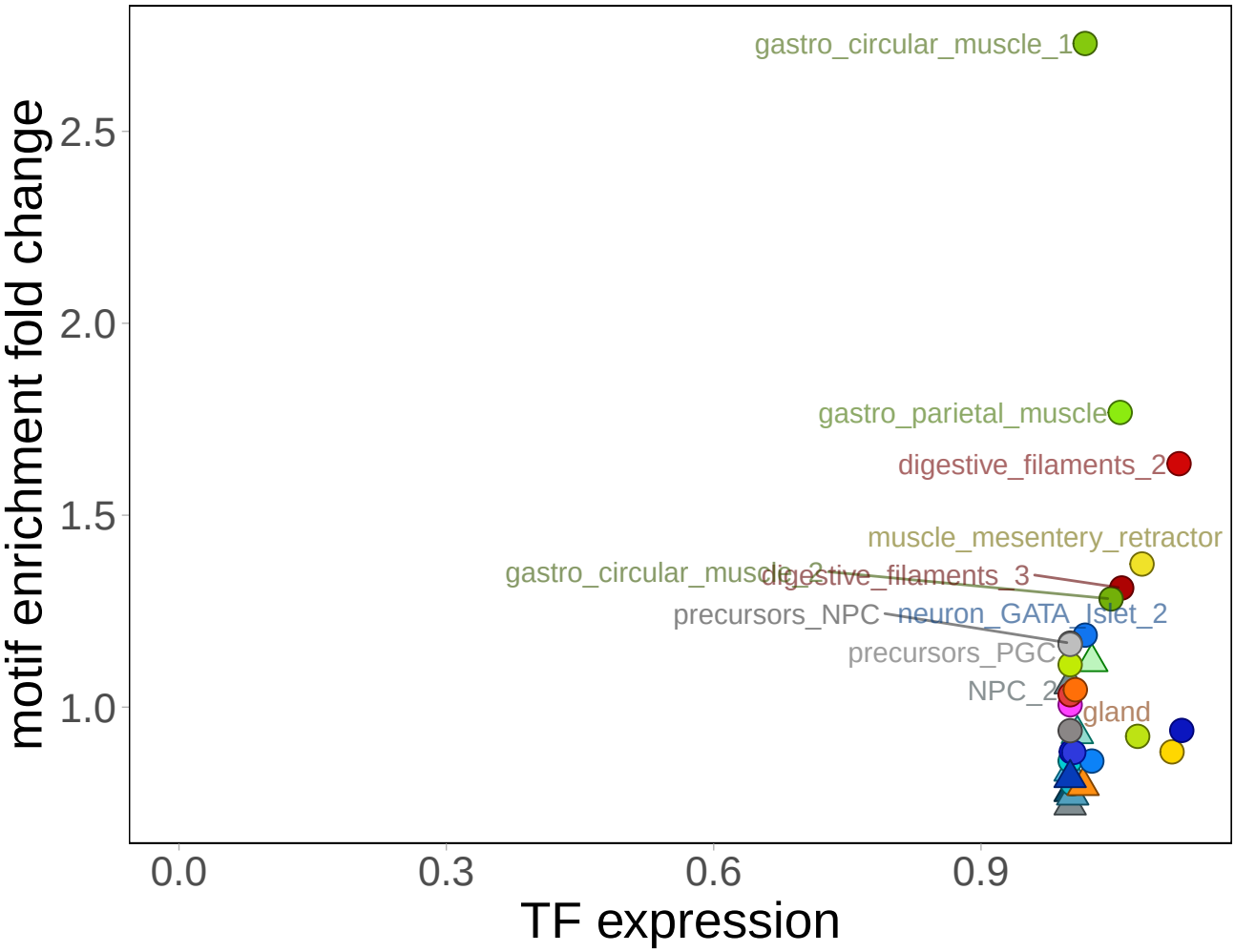
Nvec_vc1.1_XM_032363350.2
OG: Homeodomains.HG1.31:DLX1/DLX2/DLX
PFAM: Homeodomain
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.1748
gene score correlation: 0.8010



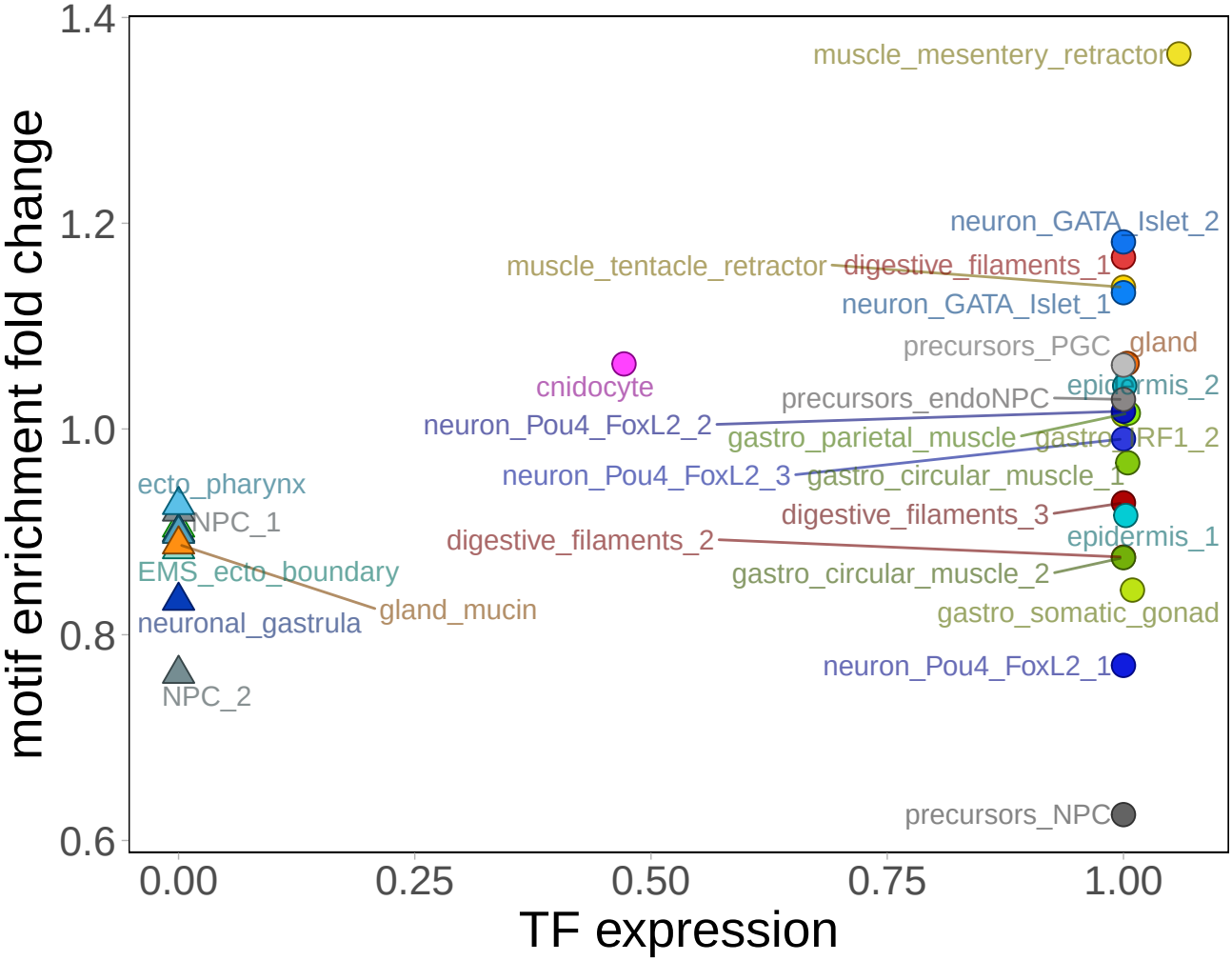
Nvec_vc1.1_XM_032363417.2
OG: zf−C2H2.HG3.2:ZBTB17
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 160
gene expression correlation: 0.3529
gene score correlation: 0.2656



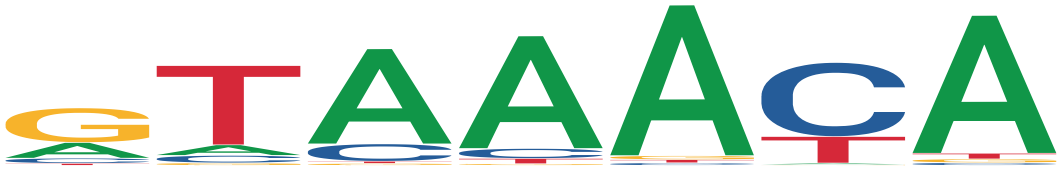
Nvec_vc1.1_XM_032363603.2
OG: T−box.HG1.13:TBX1/TBX10/TBX15/TBX1
PFAM: T−box
motif: ARCH862_Tbx18/Tbx22/Tbx15_T...
TF family: T−box
archetype family: T−box
CisBP assigned: TRUE
rank: 88
gene expression correlation: 0.2475
gene score correlation: 0.6642

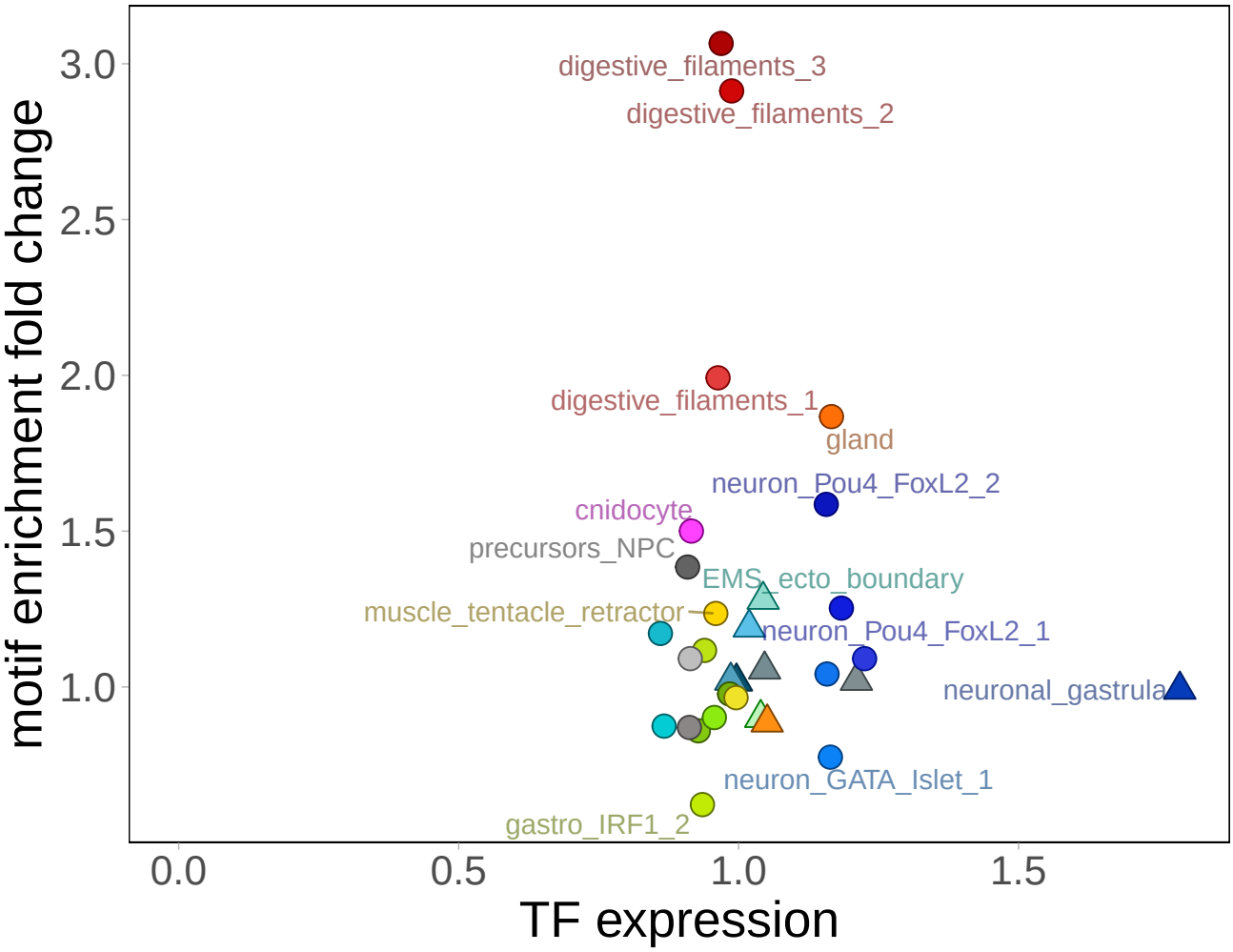


Nvec_vc1.1_XM_032363733.2
OG: zf−C2H2.HG1.62:ZBTB11
PFAM: zf−C2H2/zf−C2H2_6/zf−C2H2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 644
gene expression correlation: 0.3822
gene score correlation: 0.0313

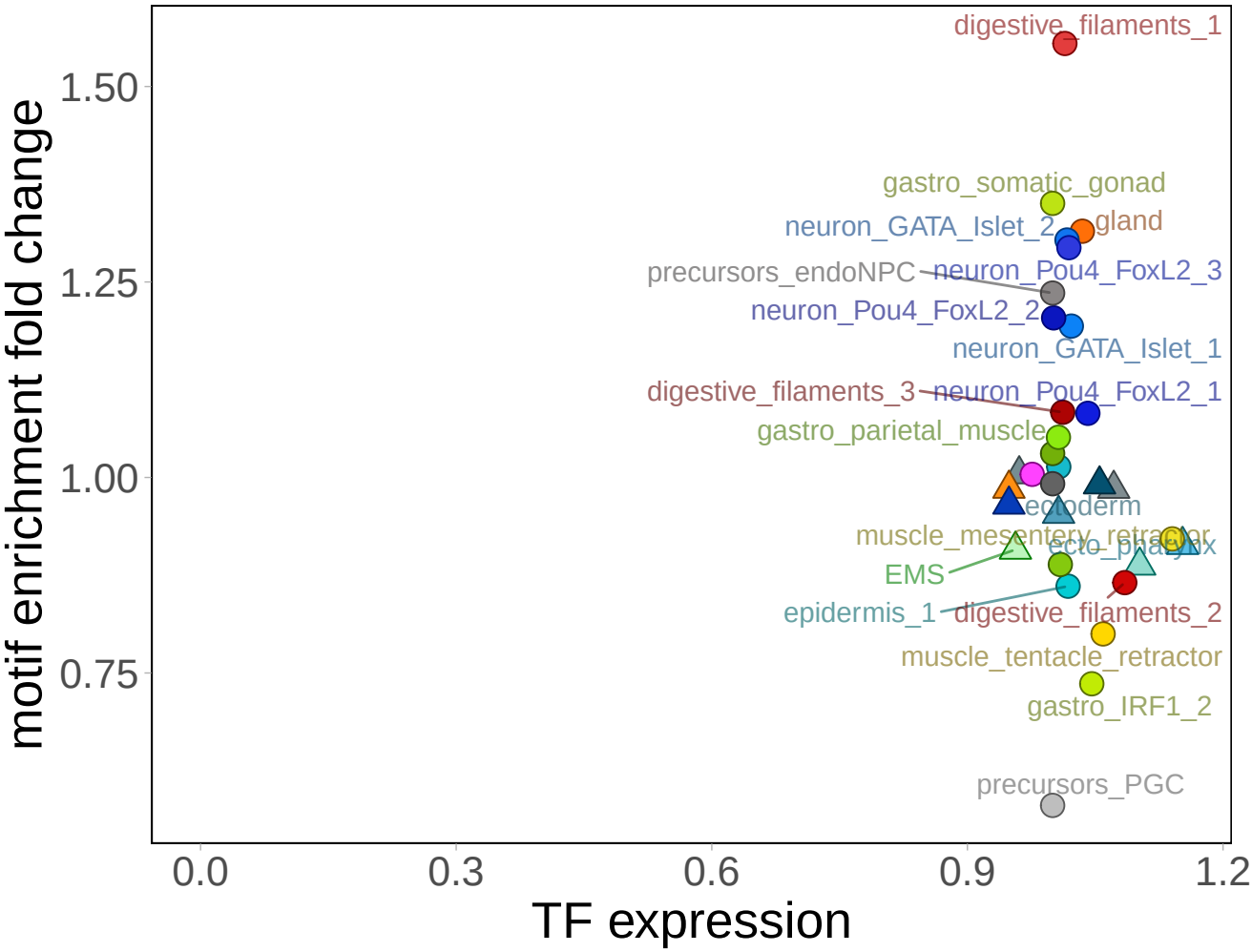


Nvec_vc1.1_XM_032363859.2
OG: Forkhead.HG1.32:FOXP2
PFAM: FOXP−CC/Forkhead
motif: ARCH1017_Foxa3/Foxa1/Foxa2_...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 89
gene expression correlation: −0.0707
gene score correlation: 0.1919

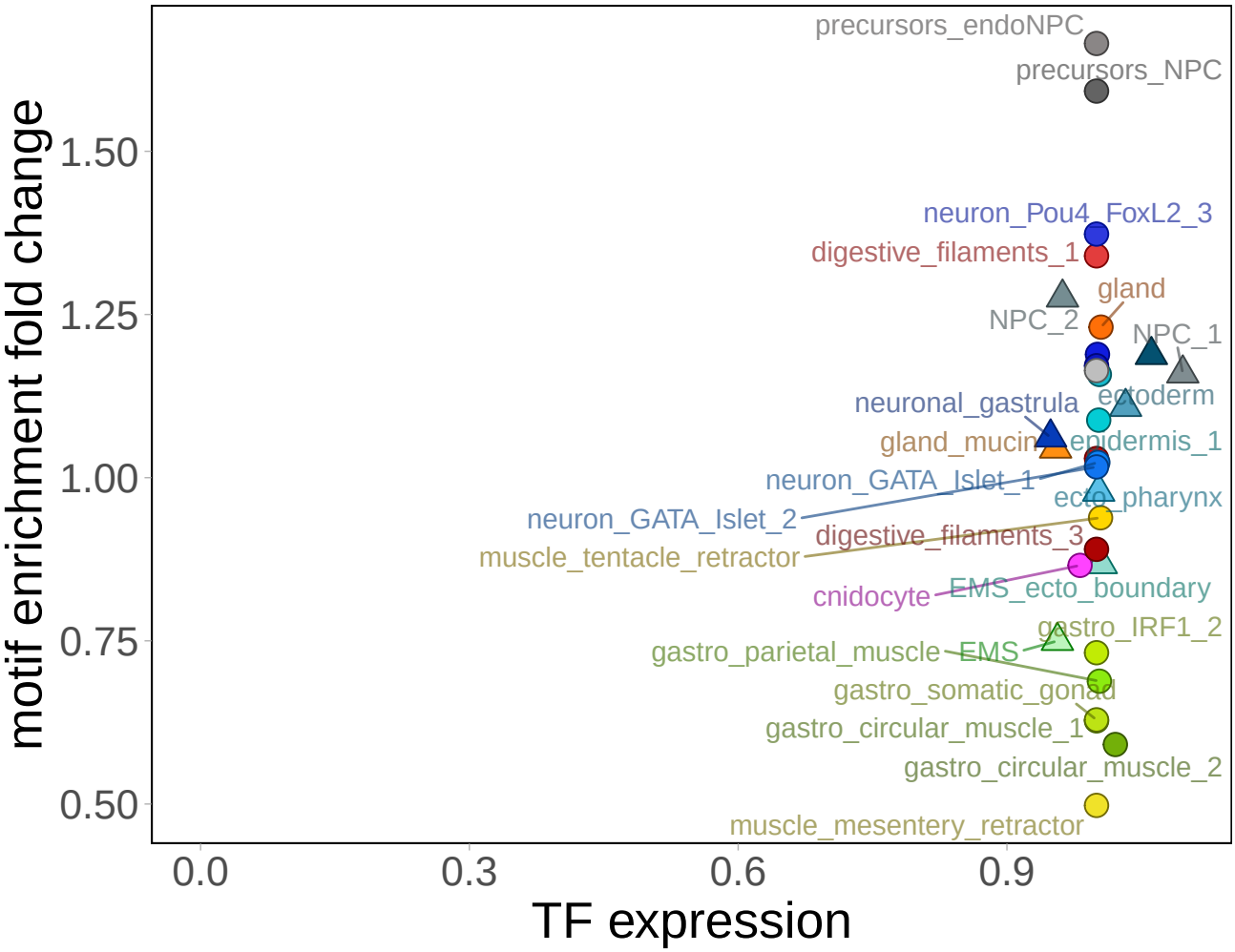




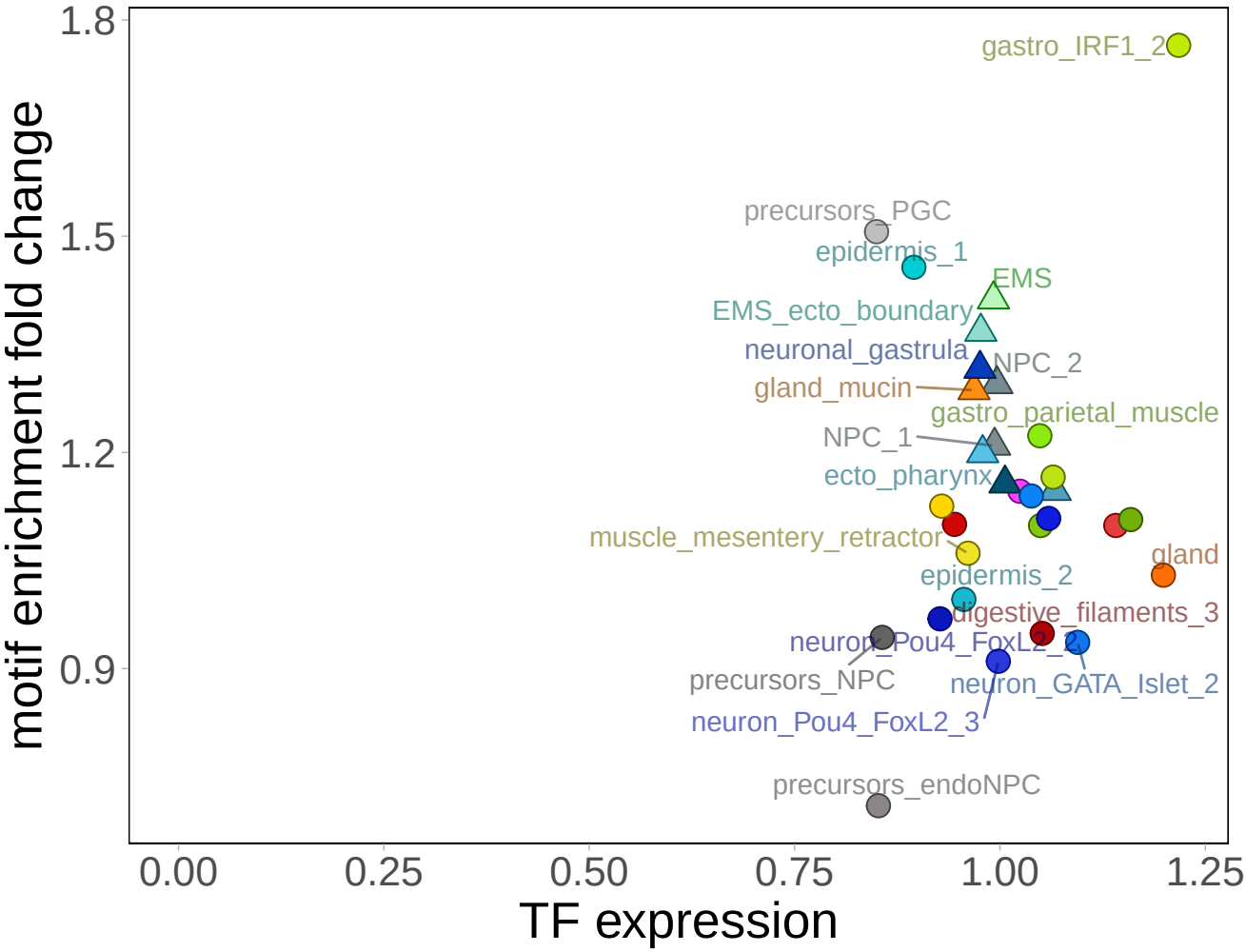
Nvec_vc1.1_XM_032363874.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH152_Emx1/Emx2_Hmx1/Hmx3...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 954
gene expression correlation: −0.1799
gene score correlation: −0.0731



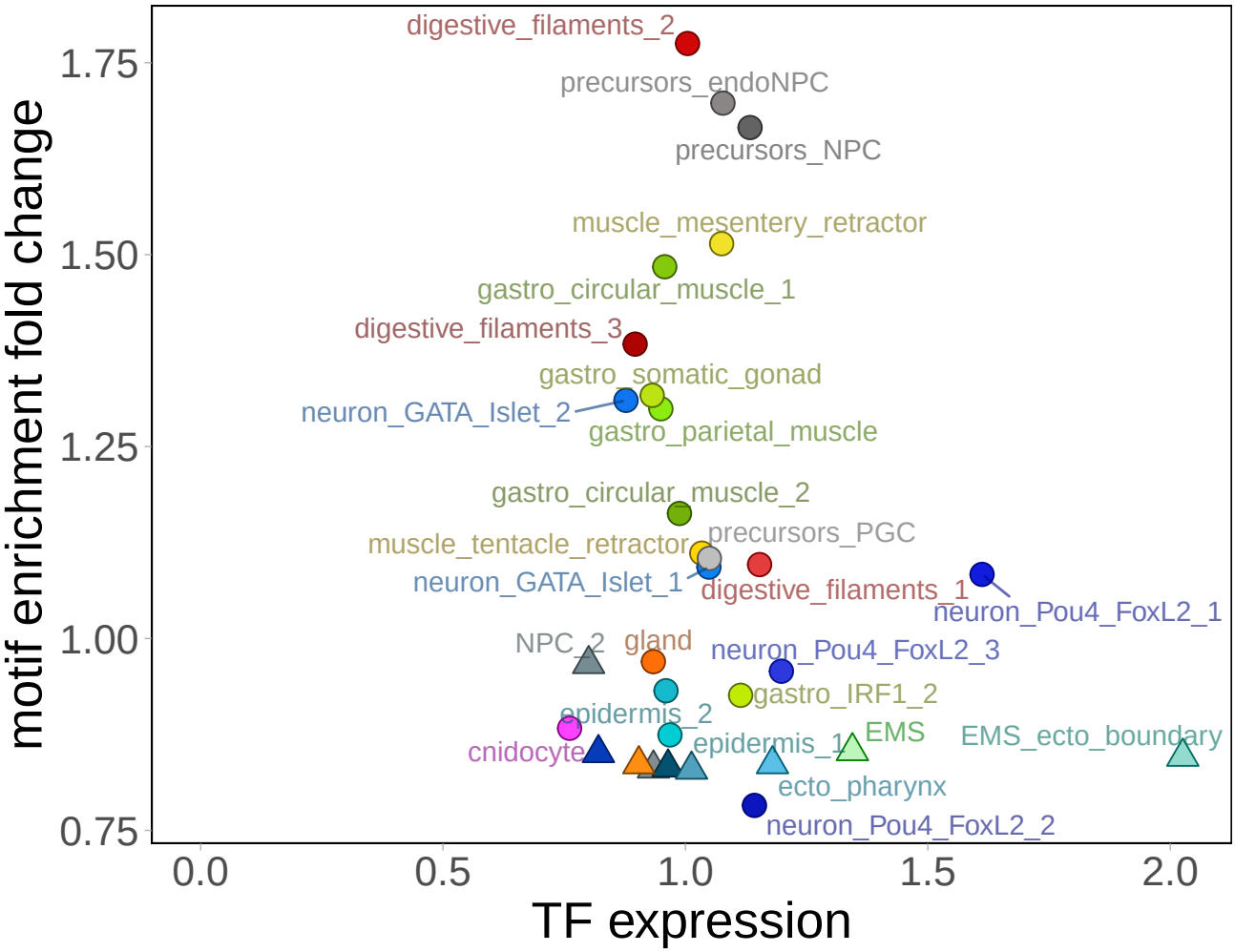
Nvec_vc1.1_XM_032363920.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH294_Emx1/Emx2_Hmx1/Hmx3...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 70
gene expression correlation: 0.0790
gene score correlation: 0.0531



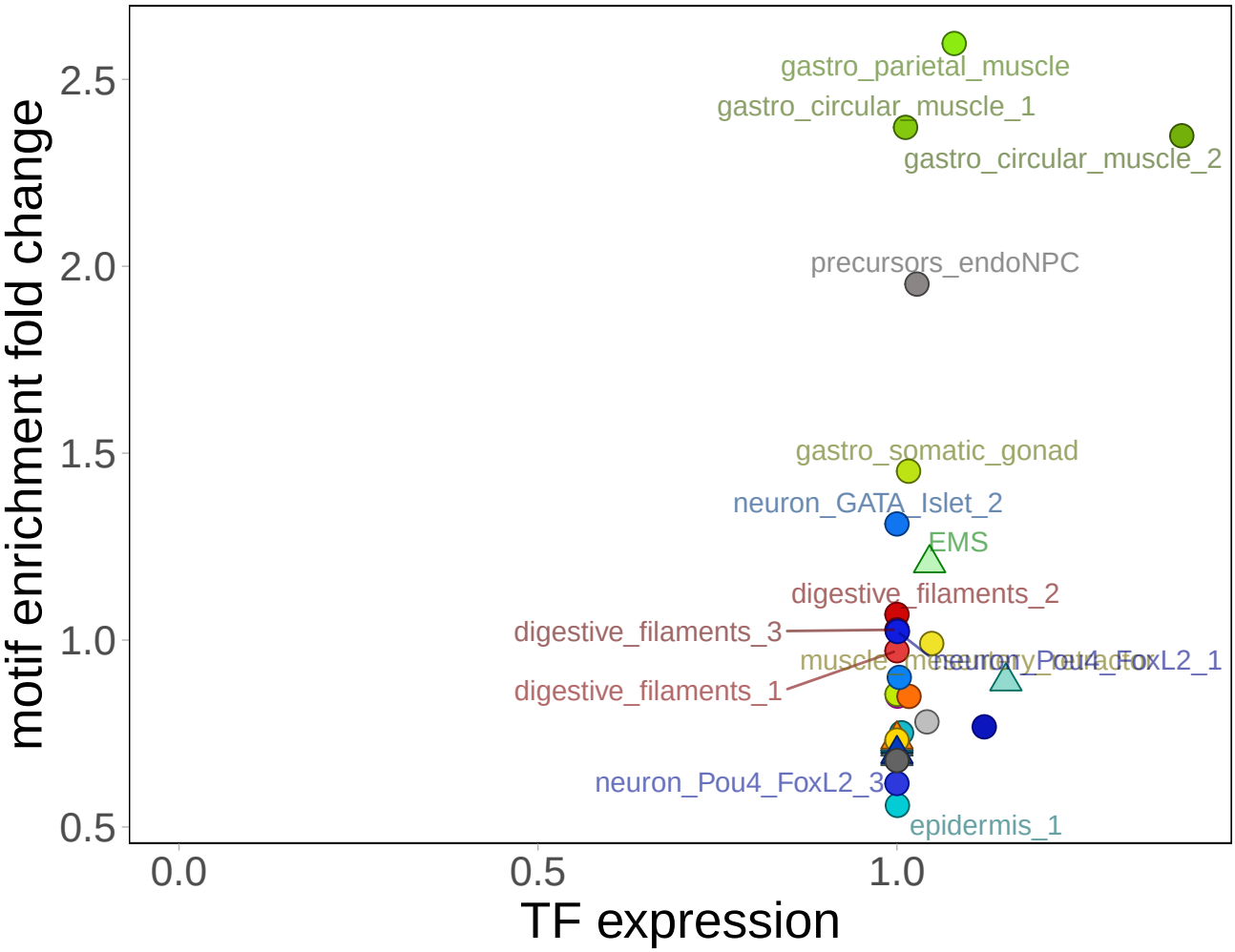
Nvec_vc1.1_XM_032363985.2
OG: bZIP.HG2.6:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH1628_Crebl2
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 372
gene expression correlation: 0.1436
gene score correlation: −0.0635



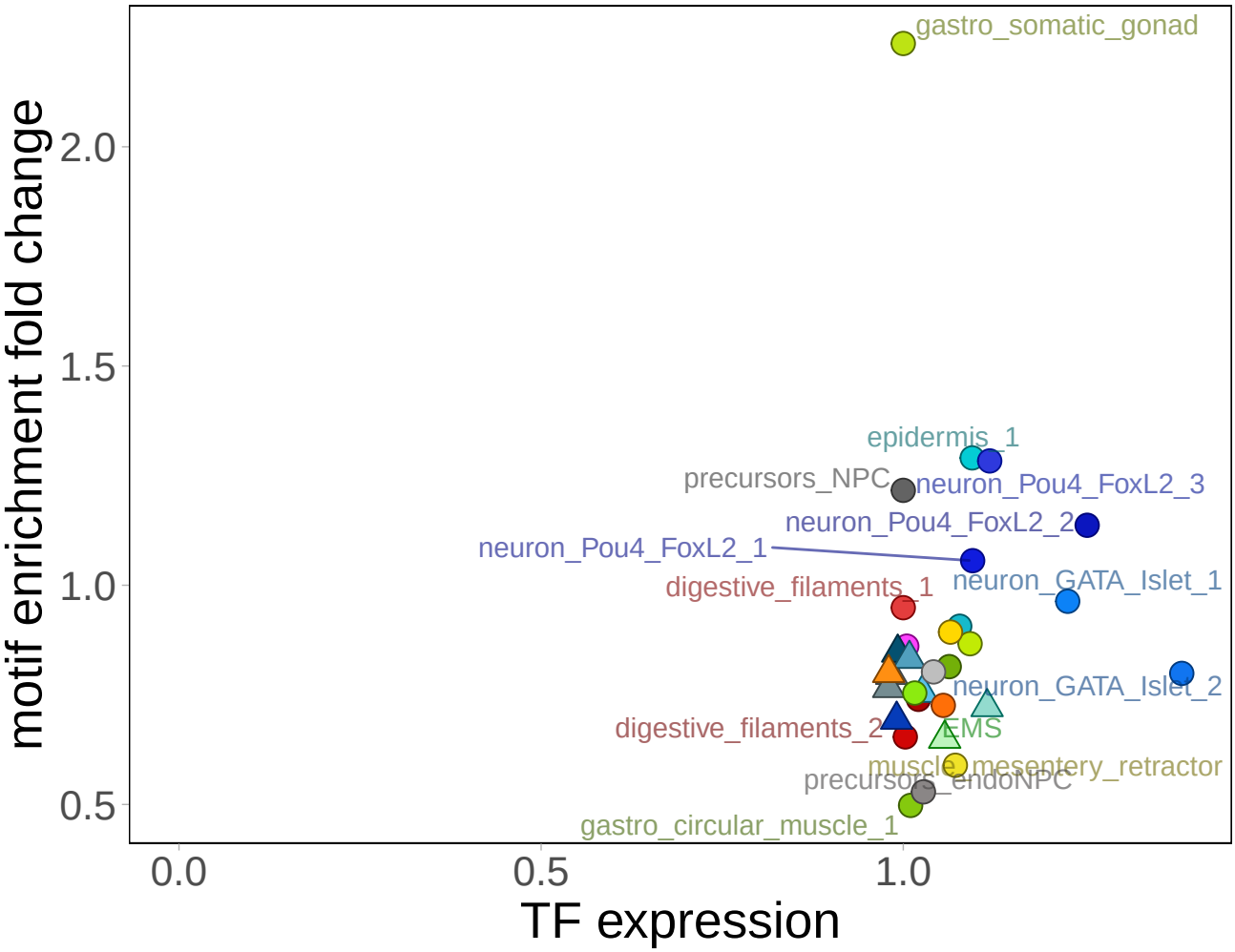
Nvec_vc1.1_XM_032364001.2
OG: SMAD_MH1.HG1.6:SMAD1/SMAD5/SMA
PFAM: MH1/MH2
motif: ARCH718_Smad2/Smad3_Smad9/S...
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 288
gene expression correlation: −0.1147
gene score correlation: −0.0204



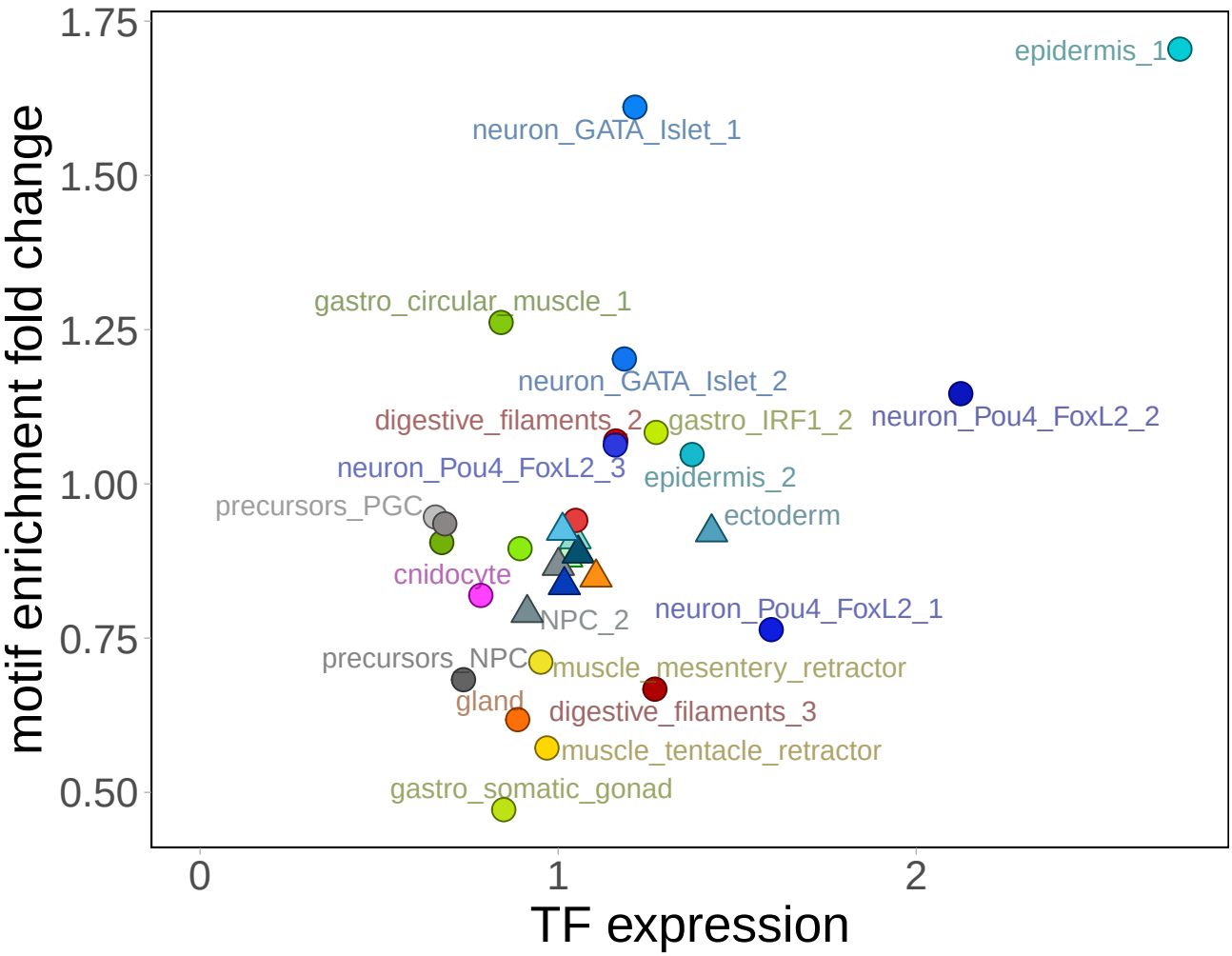
Nvec_vc1.1_XM_032364121.2
OG: Homeodomains.HG1.39:BARHL1/BARHL
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.4903
gene score correlation: 0.5771



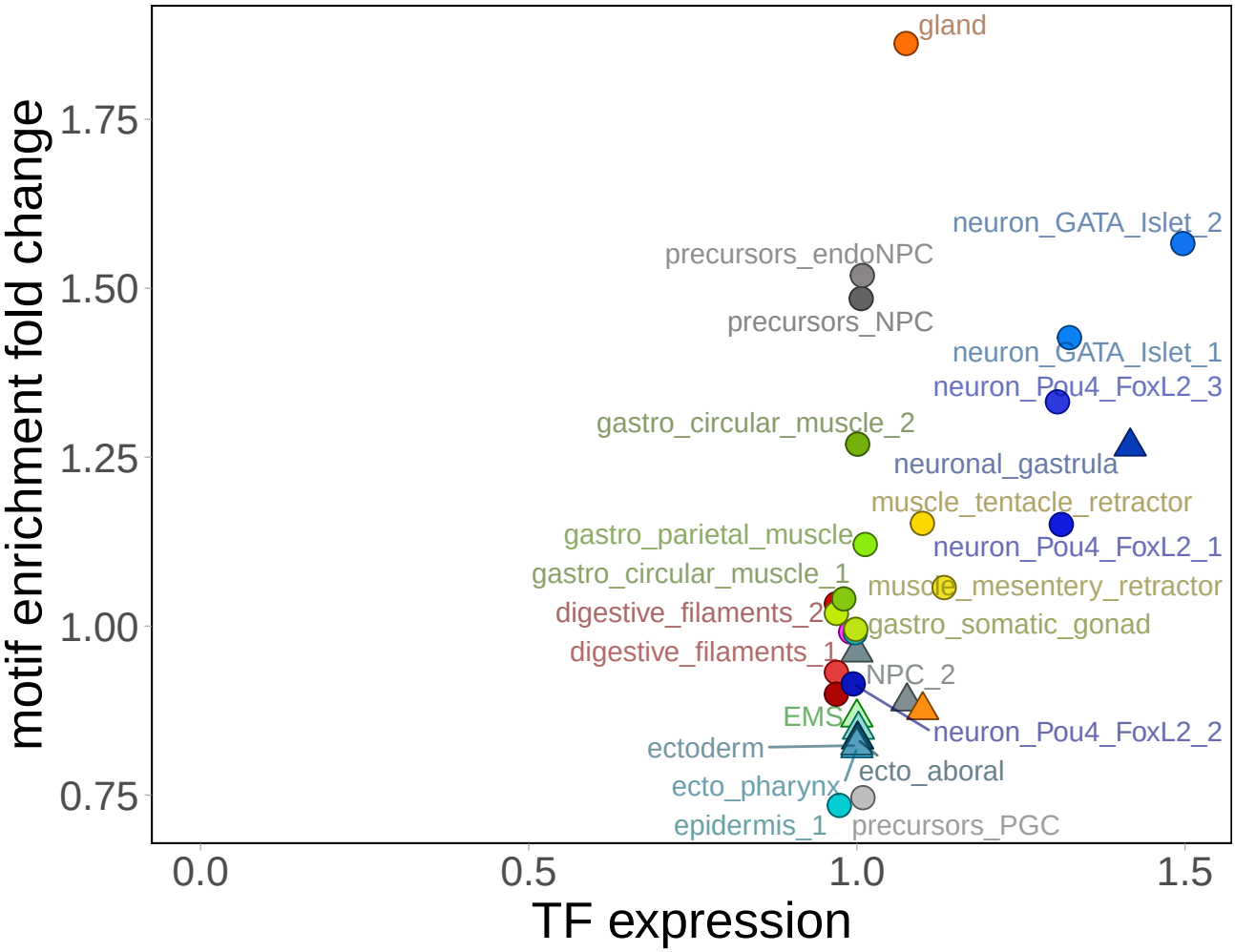
Nvec_vc1.1_XM_032364225.2
OG: HMGbox_Sox.HG1.64:like:HMG20B
PFAM: HMG_box
motif: ARCH21_Mael_Tox3/Tox/Tox2/Tox4
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 1497
gene expression correlation: 0.0778
gene score correlation: −0.2478



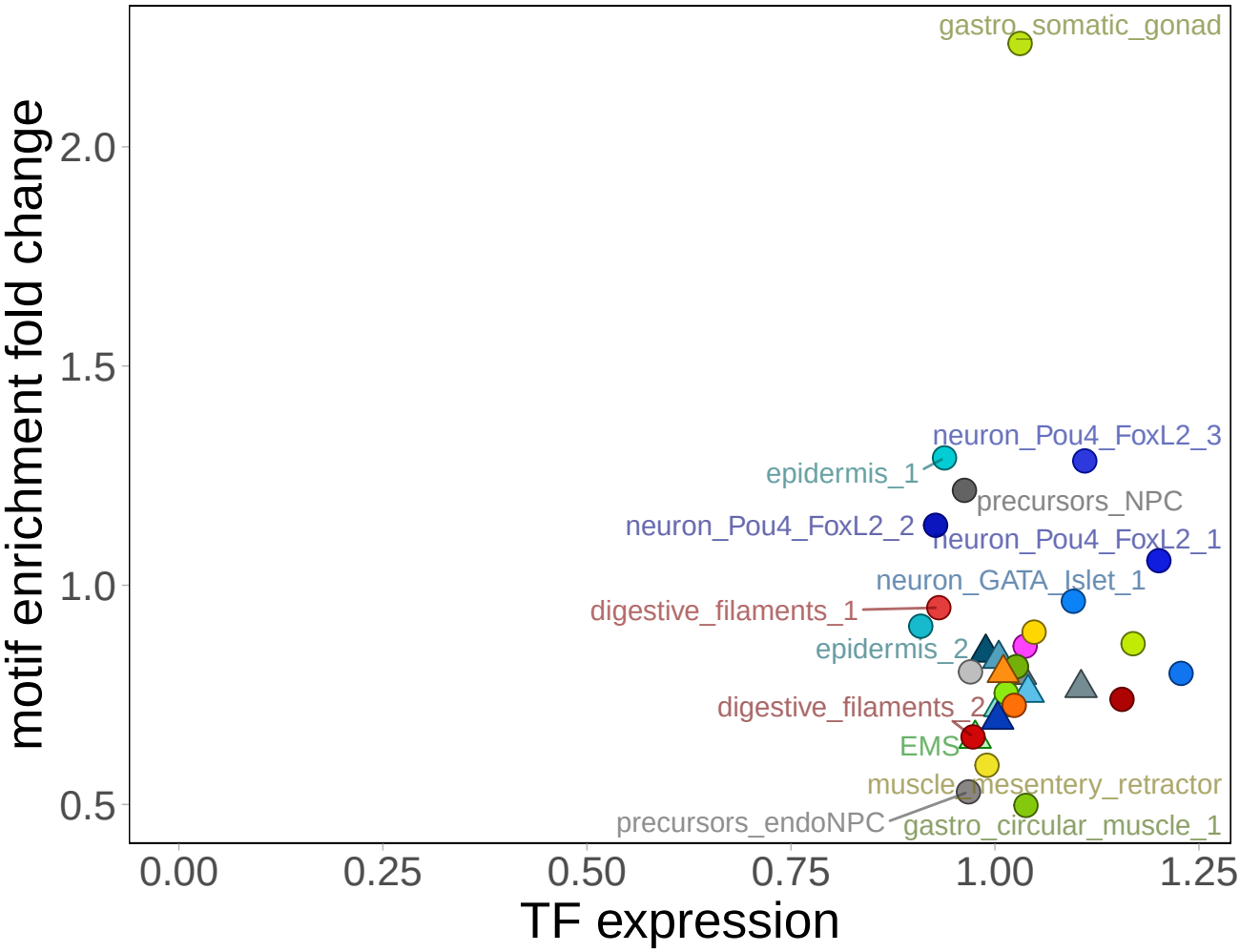
Nvec_vc1.1_XM_032364329.2
OG: HSF.HG1.5:HSF1/HSF2/HSF4
PFAM: HSF_DNA−bind/Vert_HS_TF
motif: ARCH737_Hsf1/Hsf2/Hsf4/Hsf3
TF family: HSF
archetype family: HSF
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.5680
gene score correlation: 0.7189



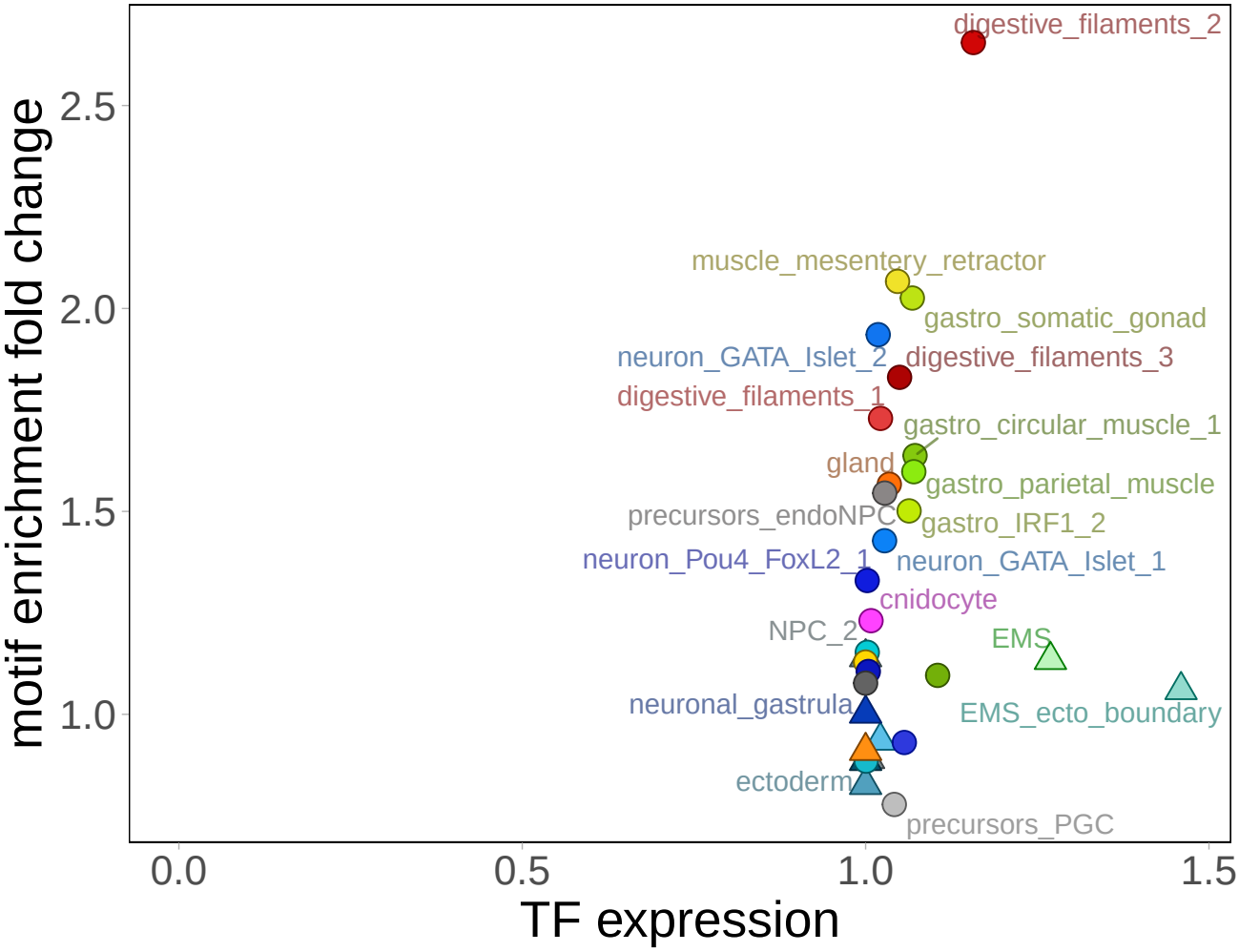
Nvec_vc1.1_XM_032364348.2
OG: HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/A
PFAM: HLH
motif: ARCH477_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.5080
gene score correlation: 0.3335



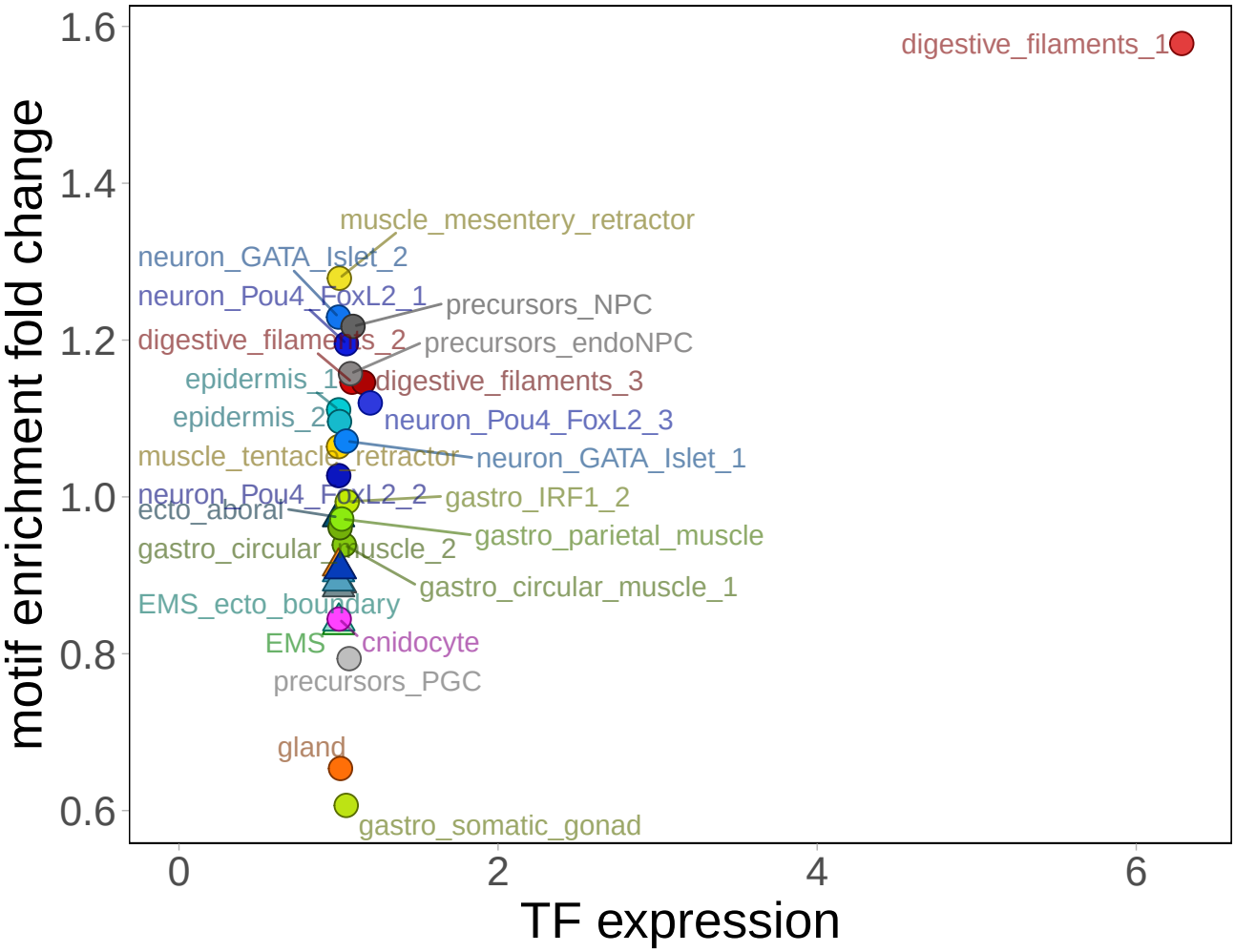
Nvec_vc1.1_XM_032364359.2
OG: HMGbox_Sox.HG1.40:TOX/TOX2/TOX3/T
PFAM: HMG_box
motif: ARCH21_Mael_Tox3/Tox/Tox2/Tox4
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 656
gene expression correlation: 0.0046
gene score correlation: 0.0340



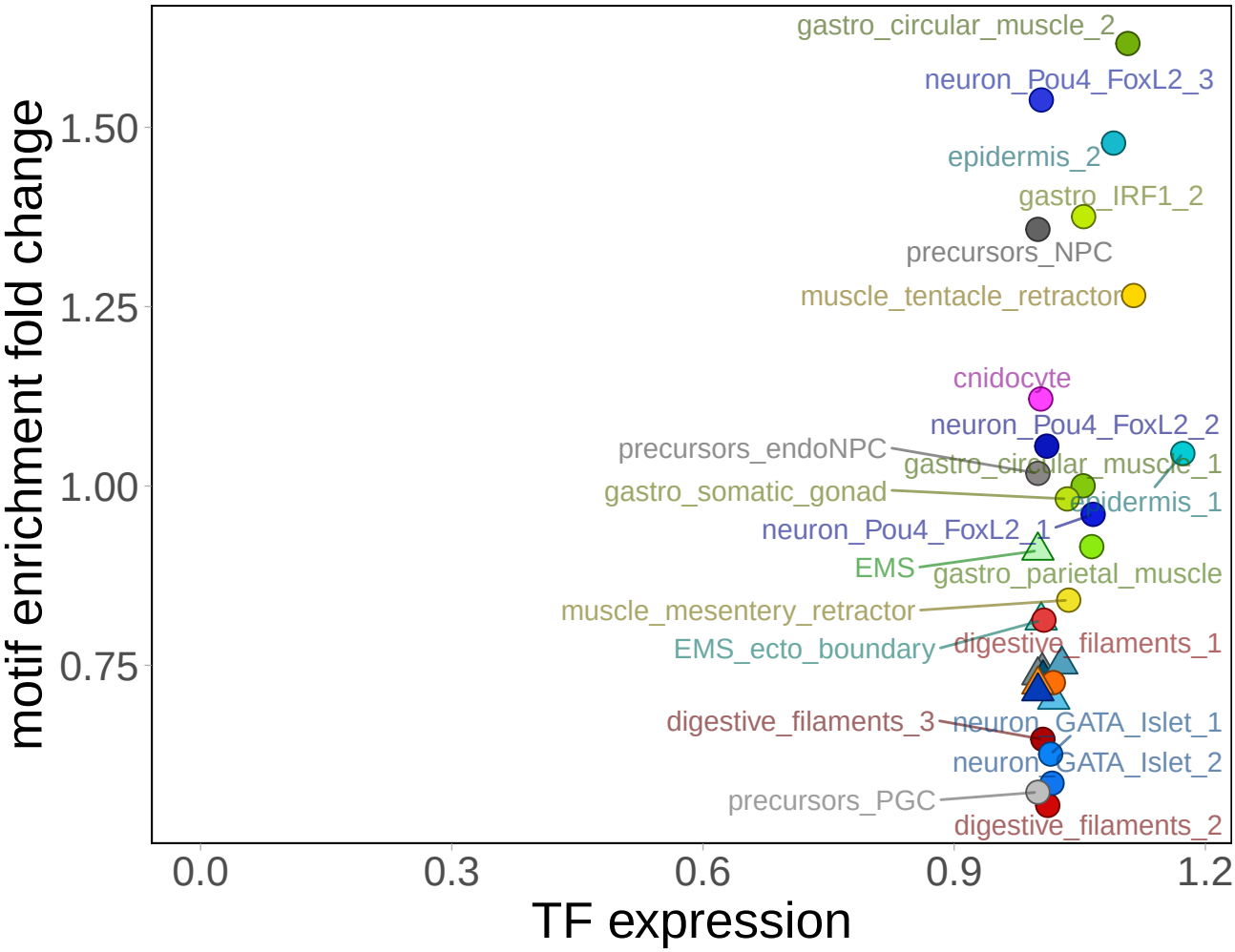
Nvec_vc1.1_XM_032364561.2
OG: Homeodomains.HG2.0:HNF1A/HNF1B
PFAM: HNF−1_N/Homeodomain
motif: ARCH1503_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 103
gene expression correlation: 0.1221
gene score correlation: 0.0325



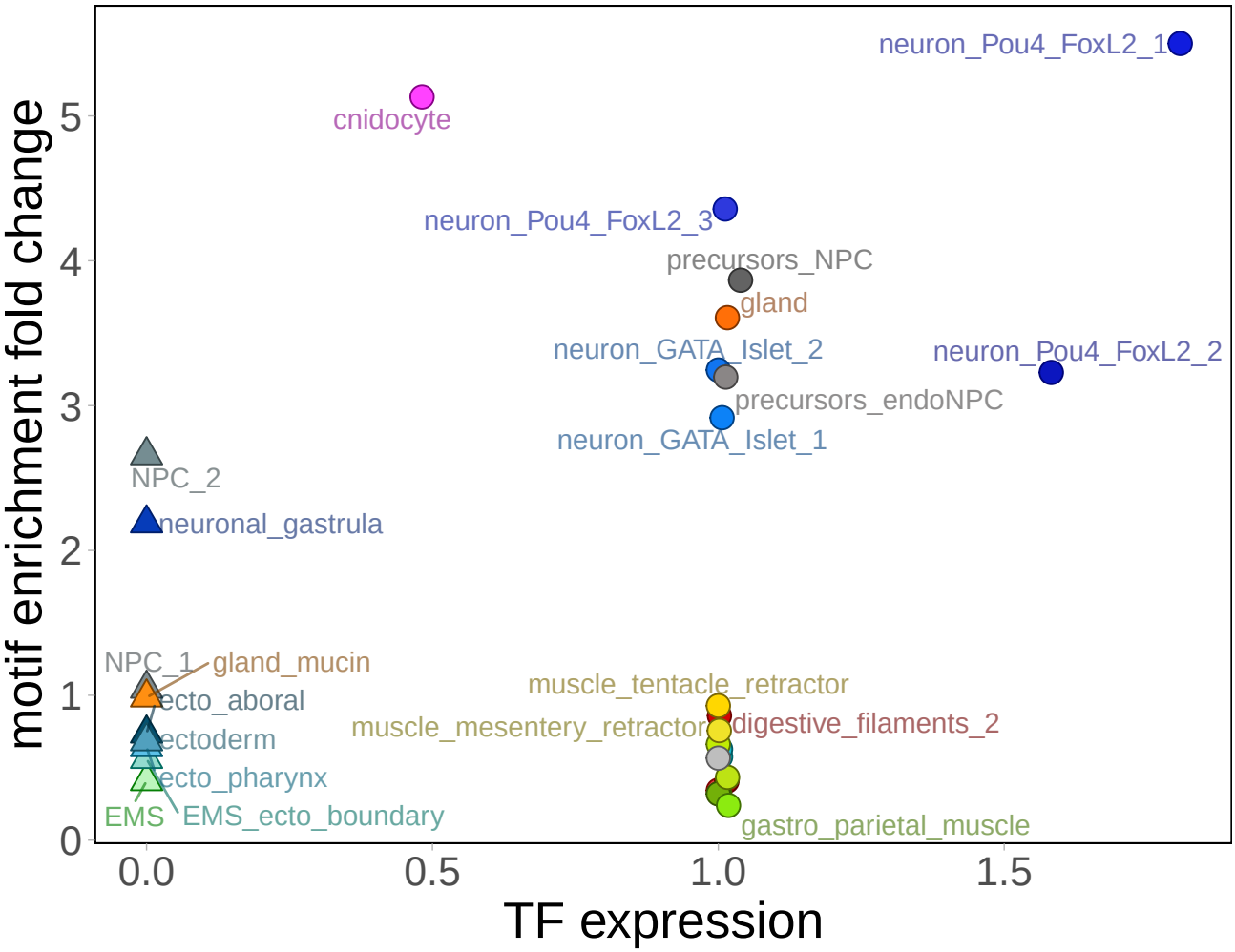
Nvec_vc1.1_XM_032364605.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH1336_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 8
gene expression correlation: 0.5594
gene score correlation: 0.5312



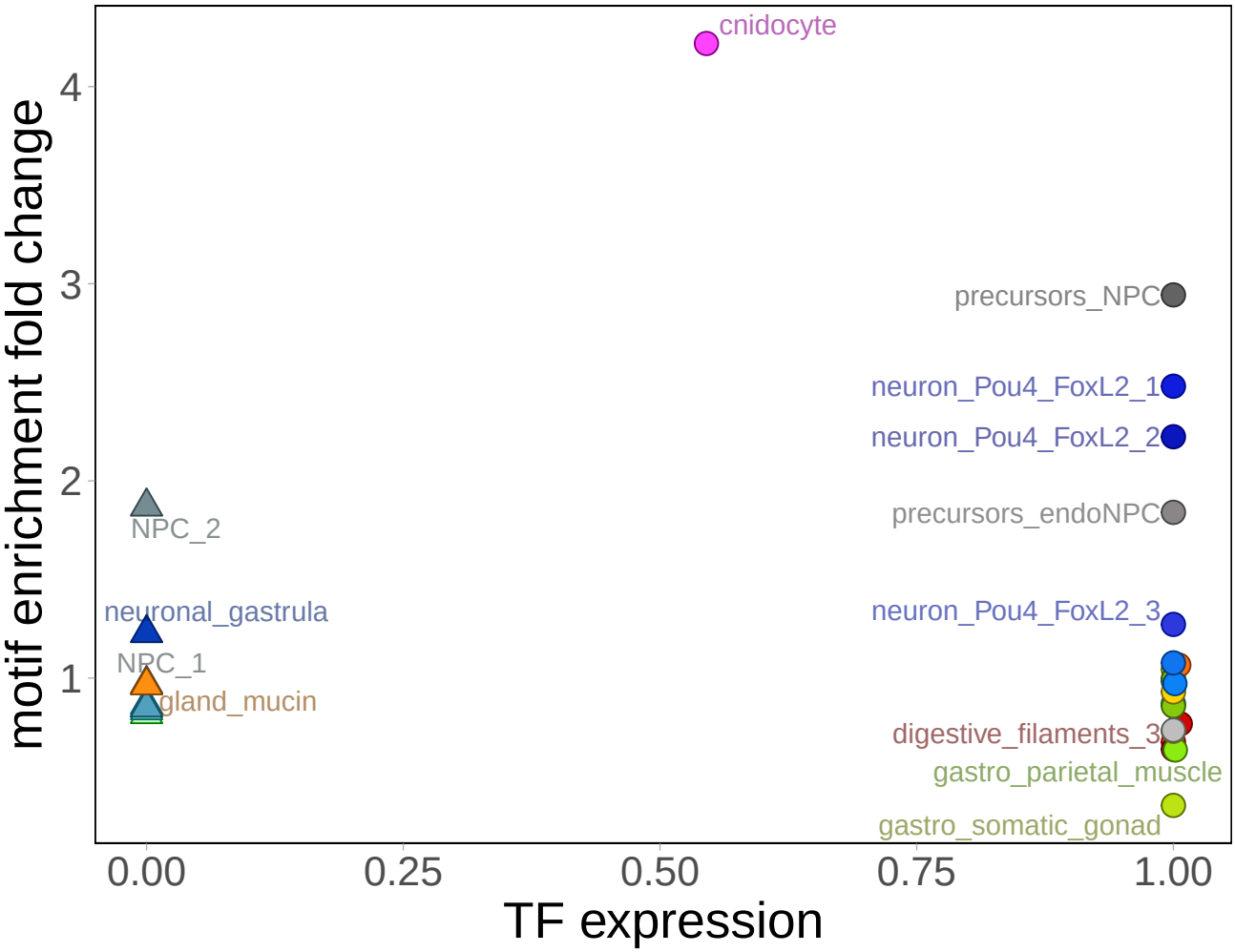
Nvec_vc1.1_XM_032364704.2
OG: zf−C2H2.HG4.1:like:GLI1/GLI2/GLI3/GLIS
PFAM: zf−C2H2
motif: ARCH352_Klf5_Klf8
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 37
gene expression correlation: 0.4761
gene score correlation: 0.5941



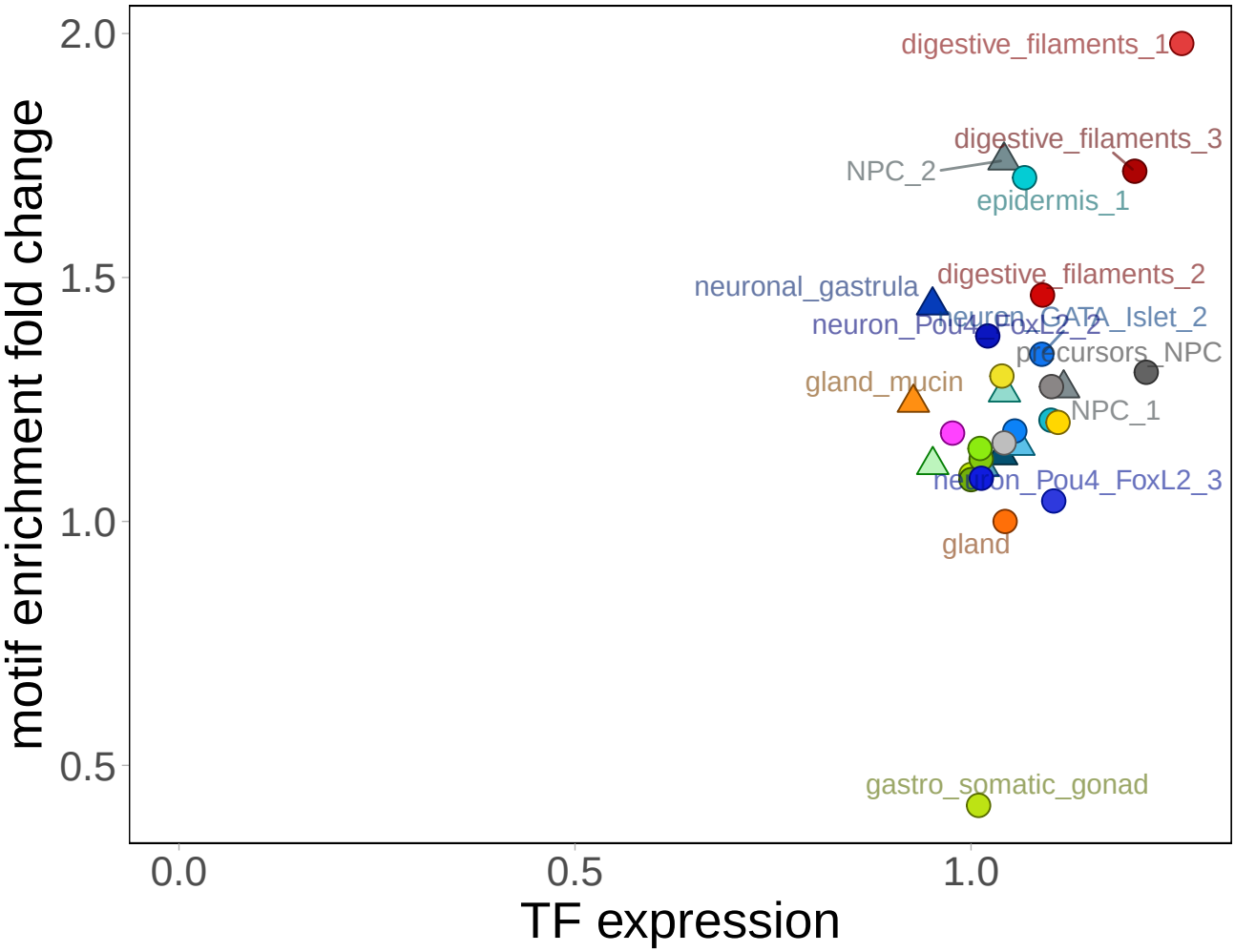
Nvec_vc1.1_XM_032364814.2
OG: zf−C2H2.HG1.35:FEZF1/FEZF2/GFI1/GF
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.2995
gene score correlation: 0.7005



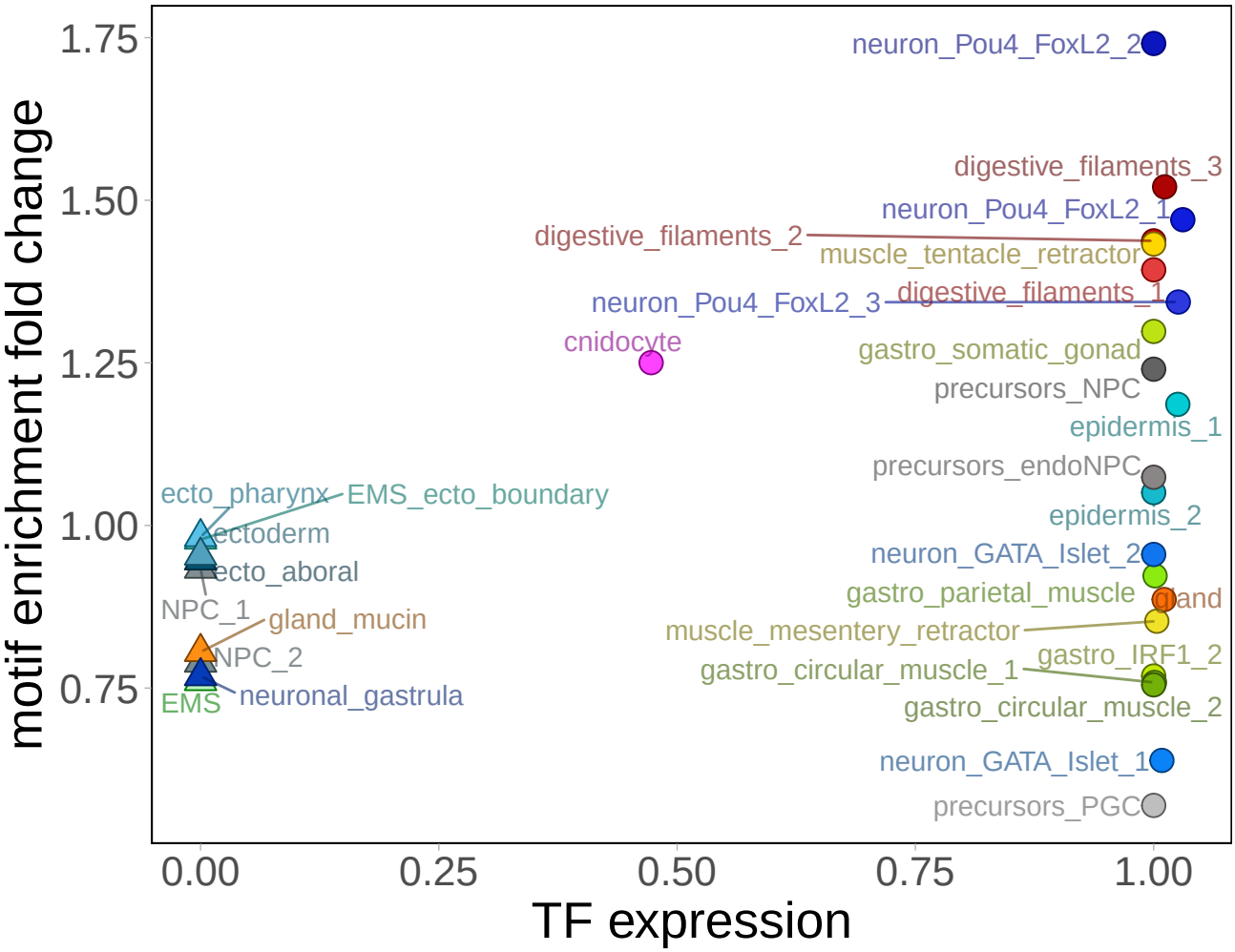
Nvec_vc1.1_XM_032364851.2
OG: zf−C2H2.HG1.32:like:AC008758.1/AC008
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.0255
gene score correlation: 0.6284



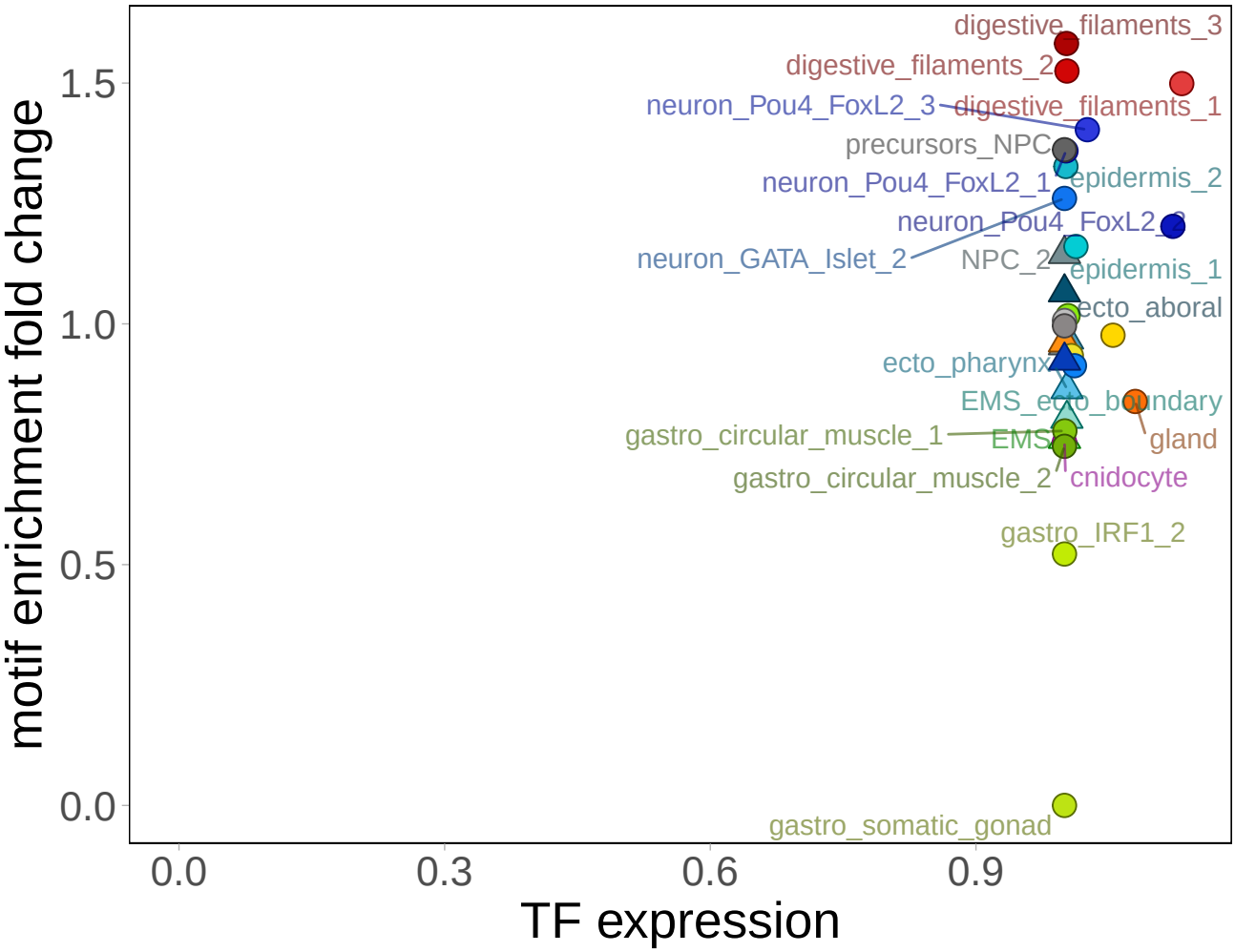
Nvec_vc1.1_XM_032364903.2
OG: zf−C2H2.HG1.57:like:AC008758.1/AC008
PFAM: zf−C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1169
gene expression correlation: 0.4916
gene score correlation: −0.1916



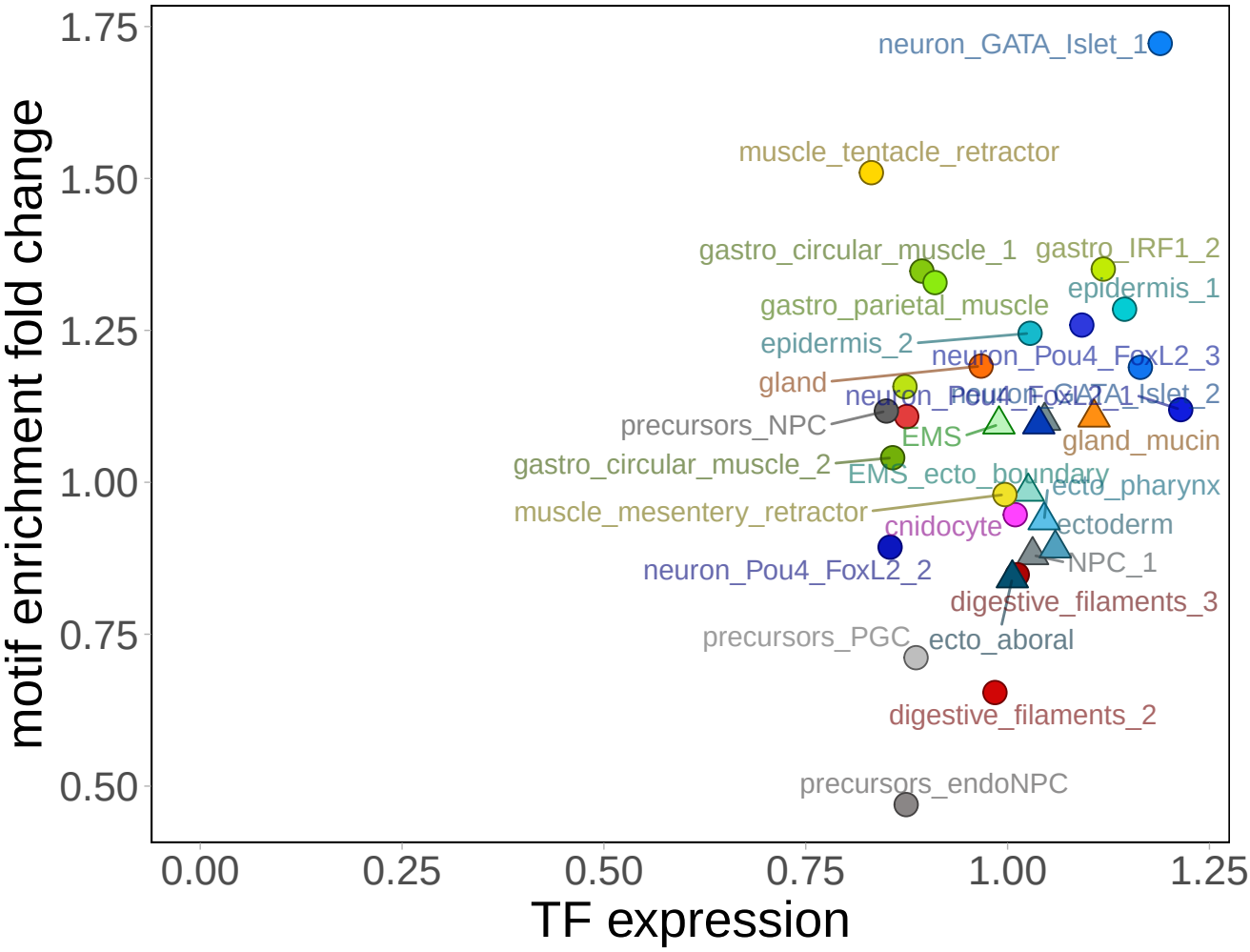
Nvec_vc1.1_XM_032365104.2
OG: Forkhead.HG1.34:like:FOXO1/FOXO3/FO
PFAM: Forkhead
motif: ARCH1018_Foxc2/Foxc1_Foxd2/...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 447
gene expression correlation: 0.3476
gene score correlation: 0.1425



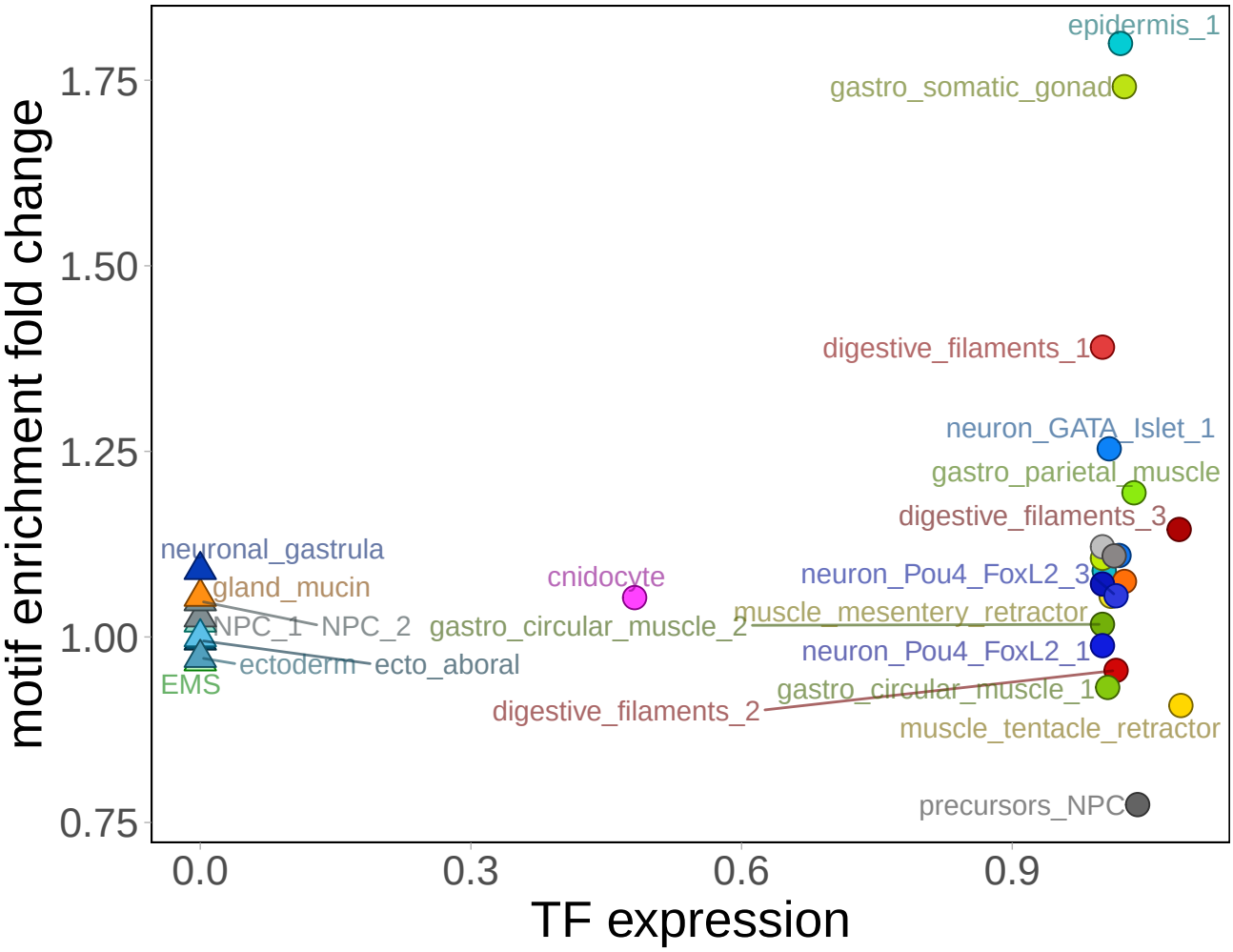
Nvec_vc1.1_XM_032365212.2
OG: Homeodomains.HG2.3:like:AC025287.4/A
PFAM: Homeodomain
motif: ARCH322_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 138
gene expression correlation: 0.2434
gene score correlation: 0.2161



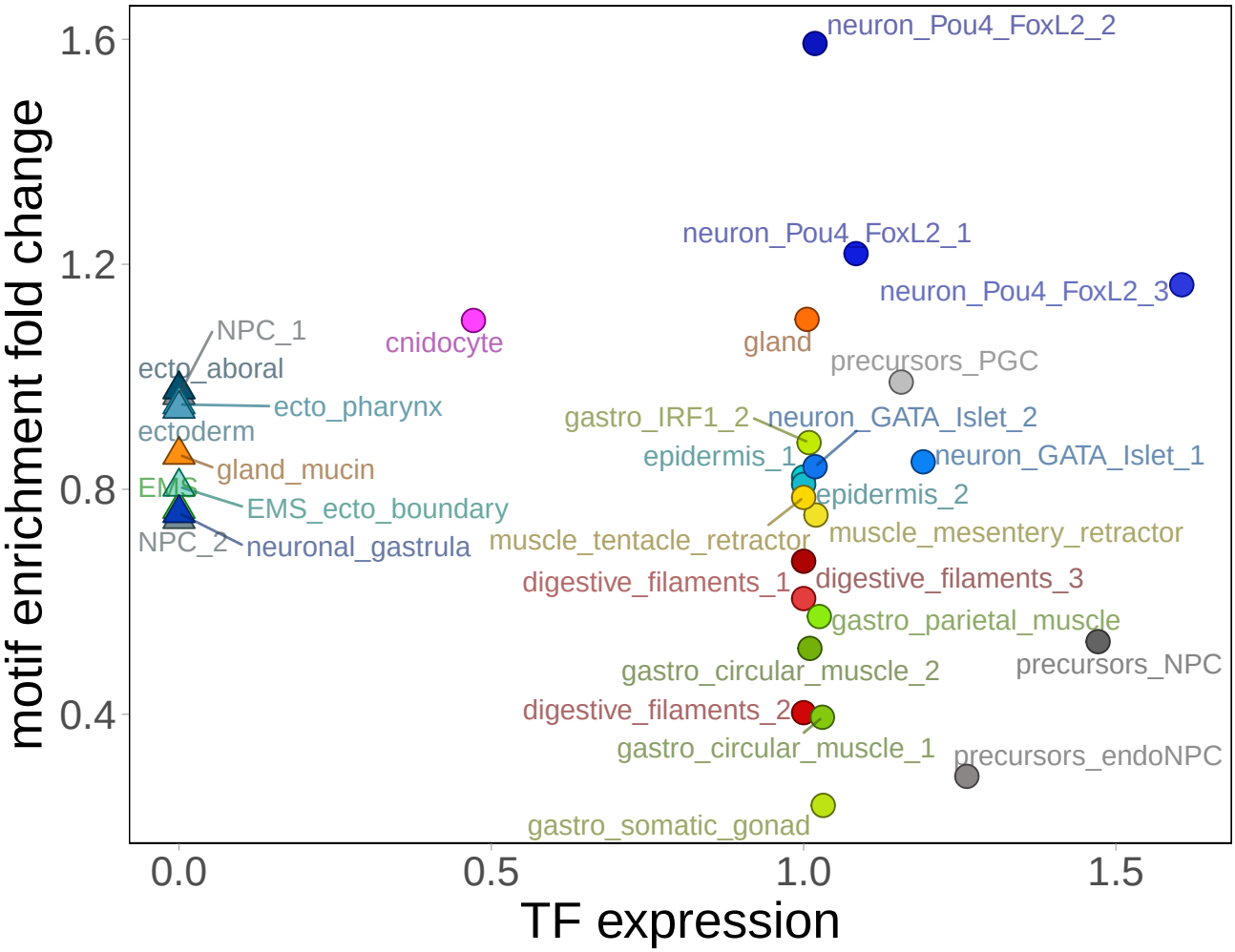
Nvec_vc1.1_XM_032365977.2
OG: zf−C2H2.HG1.33:like:AC008758.1/AC008
PFAM: zf−C2H2
motif: ARCH909_Egr3/Egr1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2641
gene score correlation: 0.5617



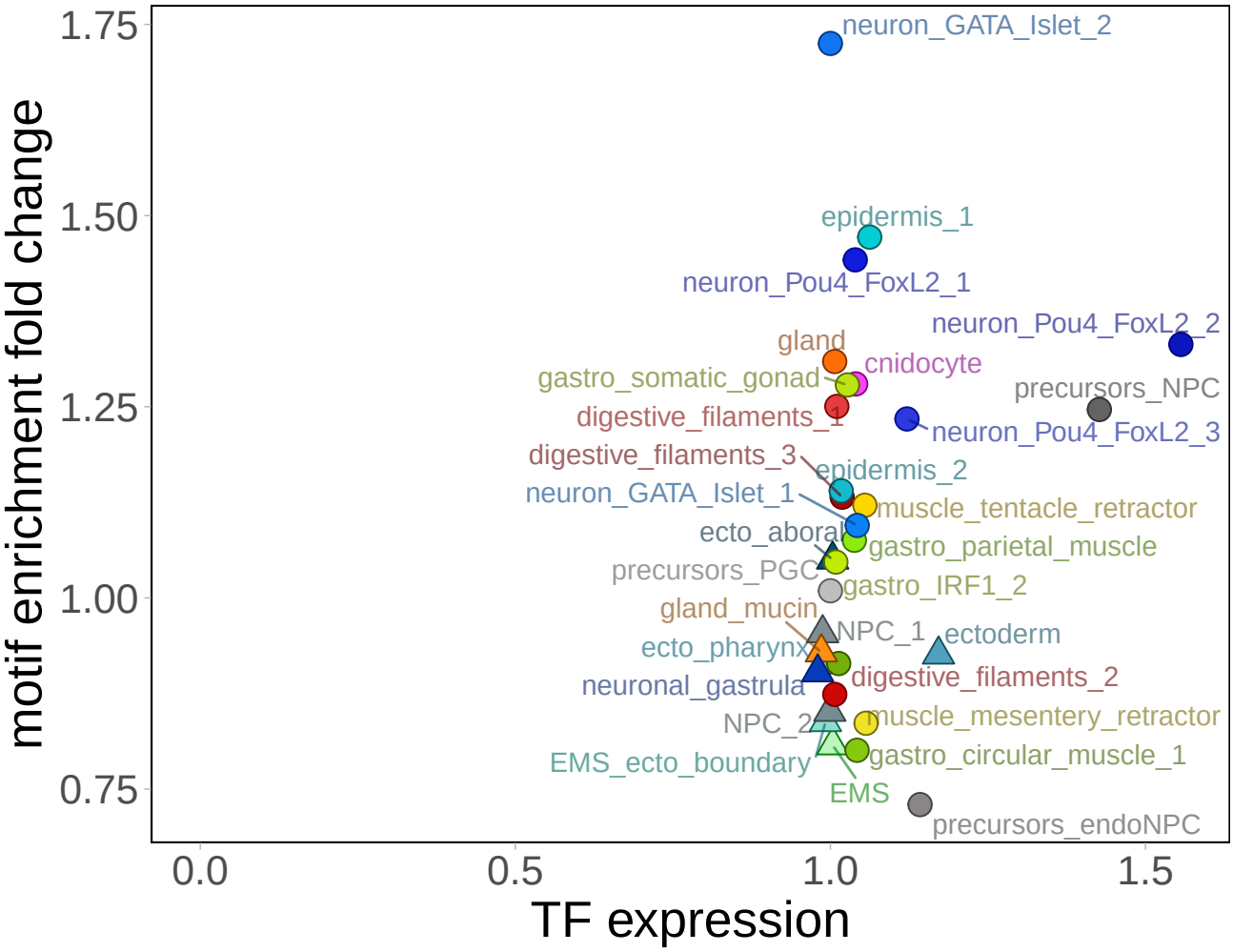
Nvec_vc1.1_XM_032366030.2
OG: HLH.HG1.5:like:CCDC169−SOHLH2/SOH
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 497
gene expression correlation: 0.2583
gene score correlation: 0.1127



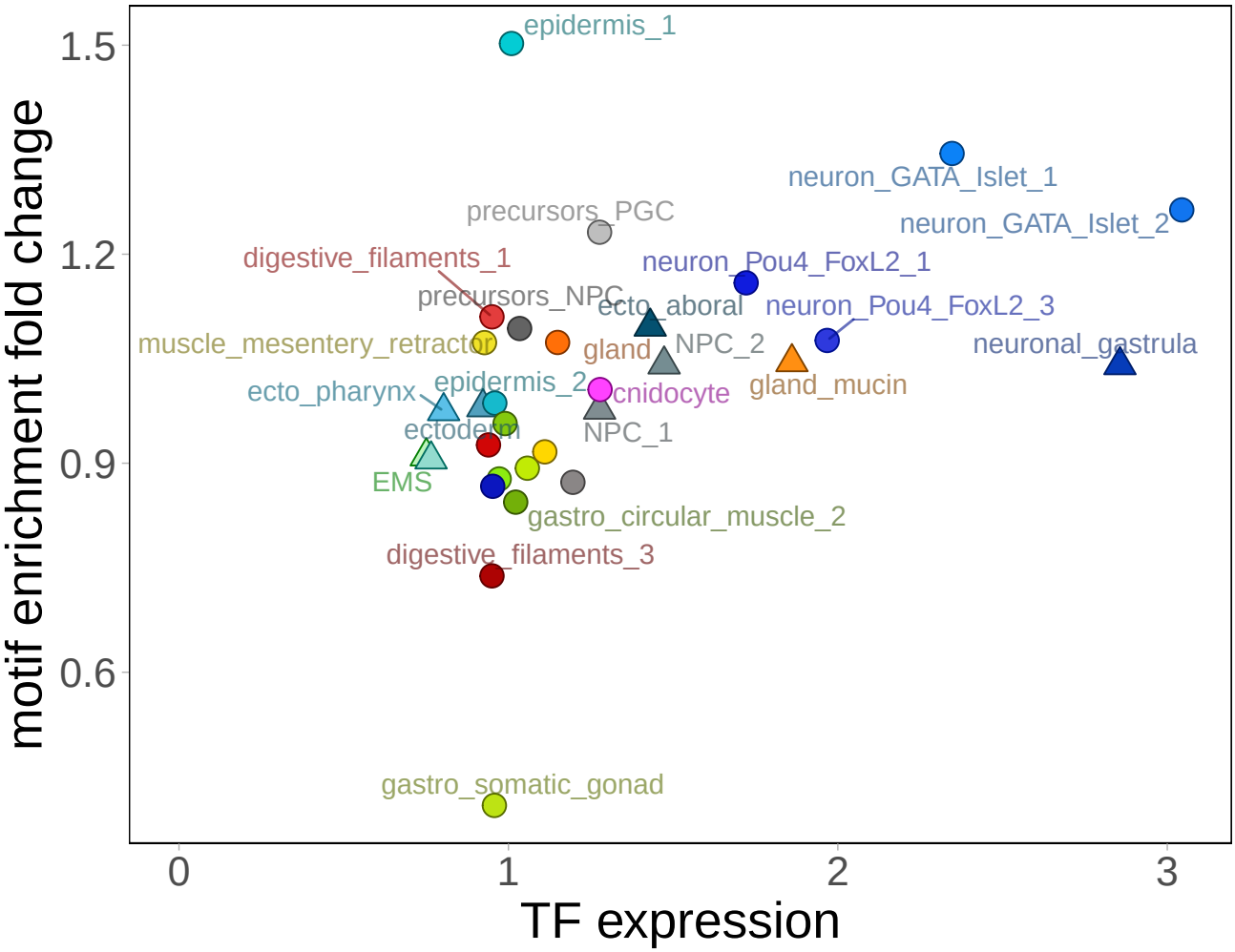
Nvec_vc1.1_XM_032366085.2
OG: Homeodomains.HG1.44:EMX1/EMX2
PFAM: Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 135
gene expression correlation: −0.1560
gene score correlation: 0.1227



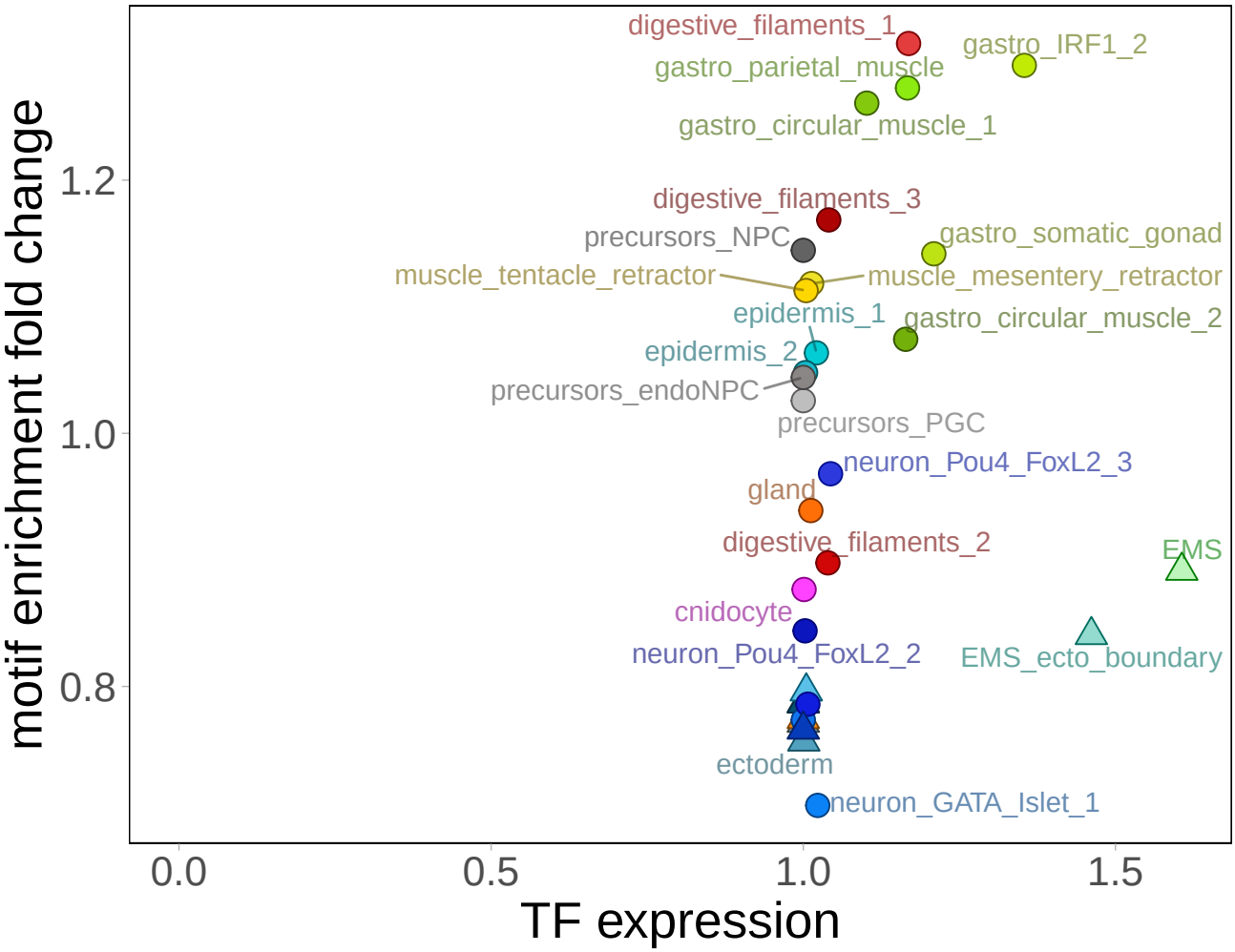
Nvec_vc1.1_XM_032366210.2
OG: Homeodomains.HG1.48:MSX1/MSX2
PFAM: Homeodomain
motif: ARCH1028_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 71
gene expression correlation: 0.2204
gene score correlation: 0.2605



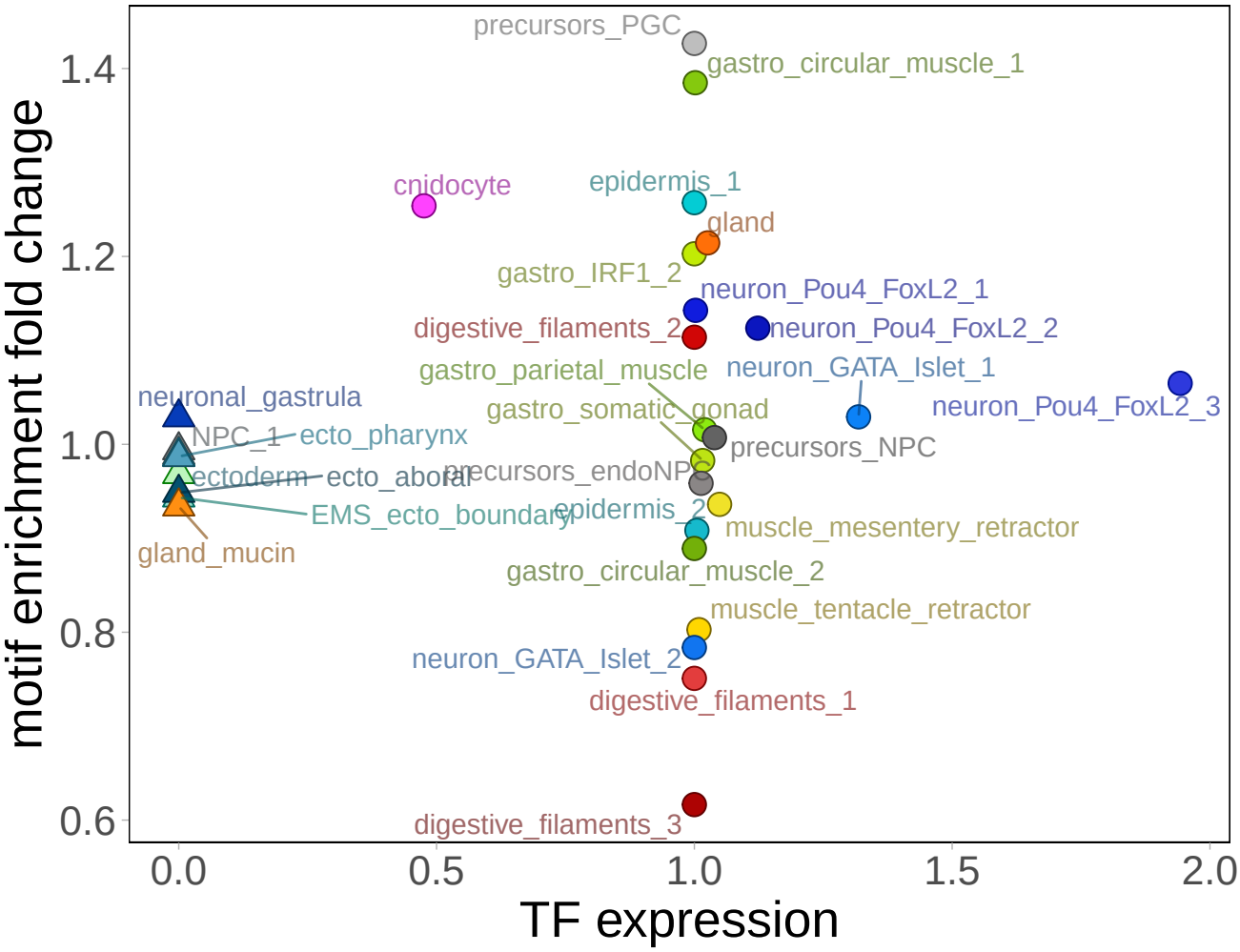
Nvec_vc1.1_XM_032366211.2
OG: Homeodomains.HG1.34:HMX1/HMX2/HM
PFAM: Homeodomain
motif: ARCH1316_Hoxa1/Hoxb1/Hoxd1
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.4340
gene score correlation: 0.2809



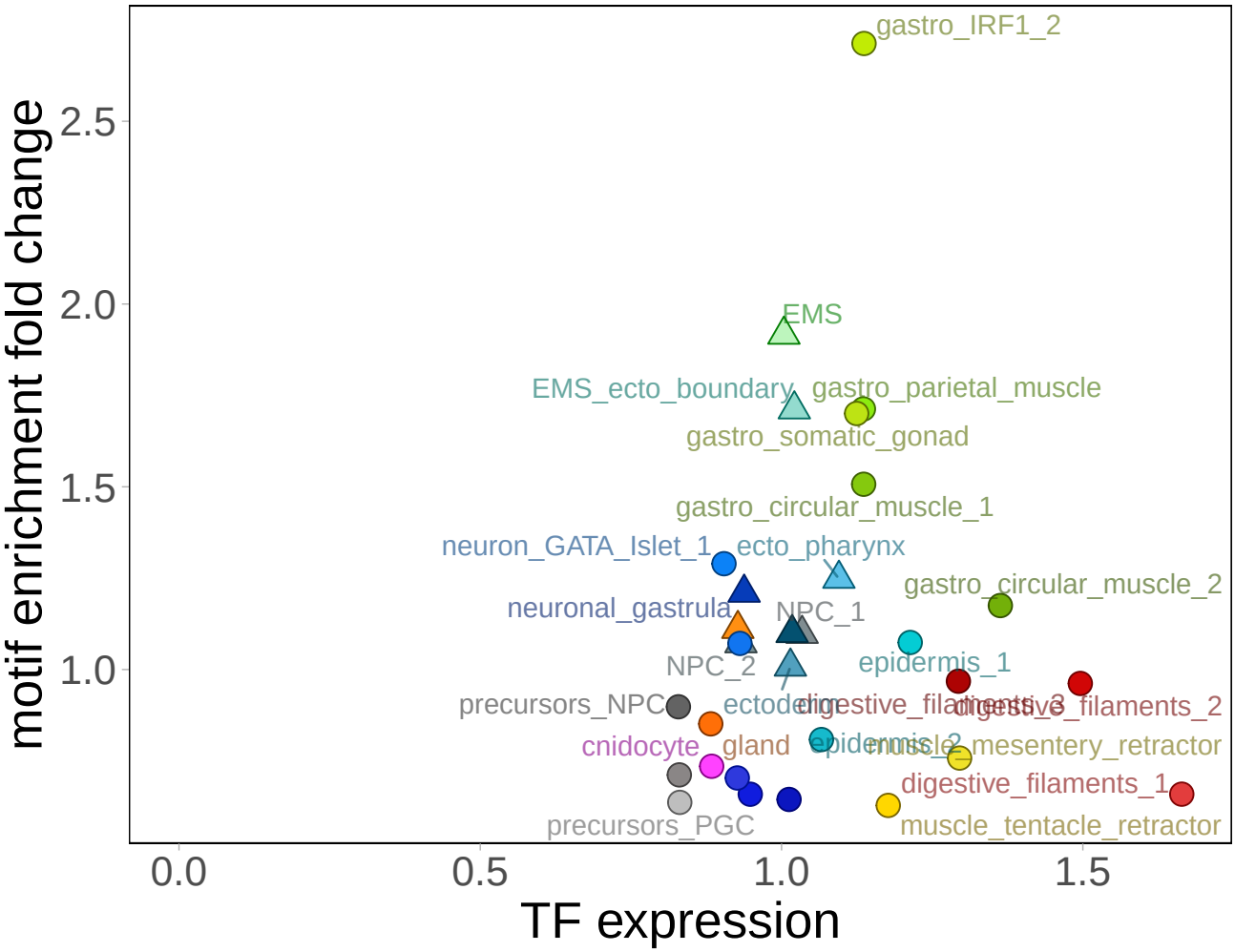
Nvec_vc1.1_XM_032366225.2
OG: zf−C2H2.HG2.5:KLF15
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1494_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 149
gene expression correlation: 0.2435
gene score correlation: 0.3917



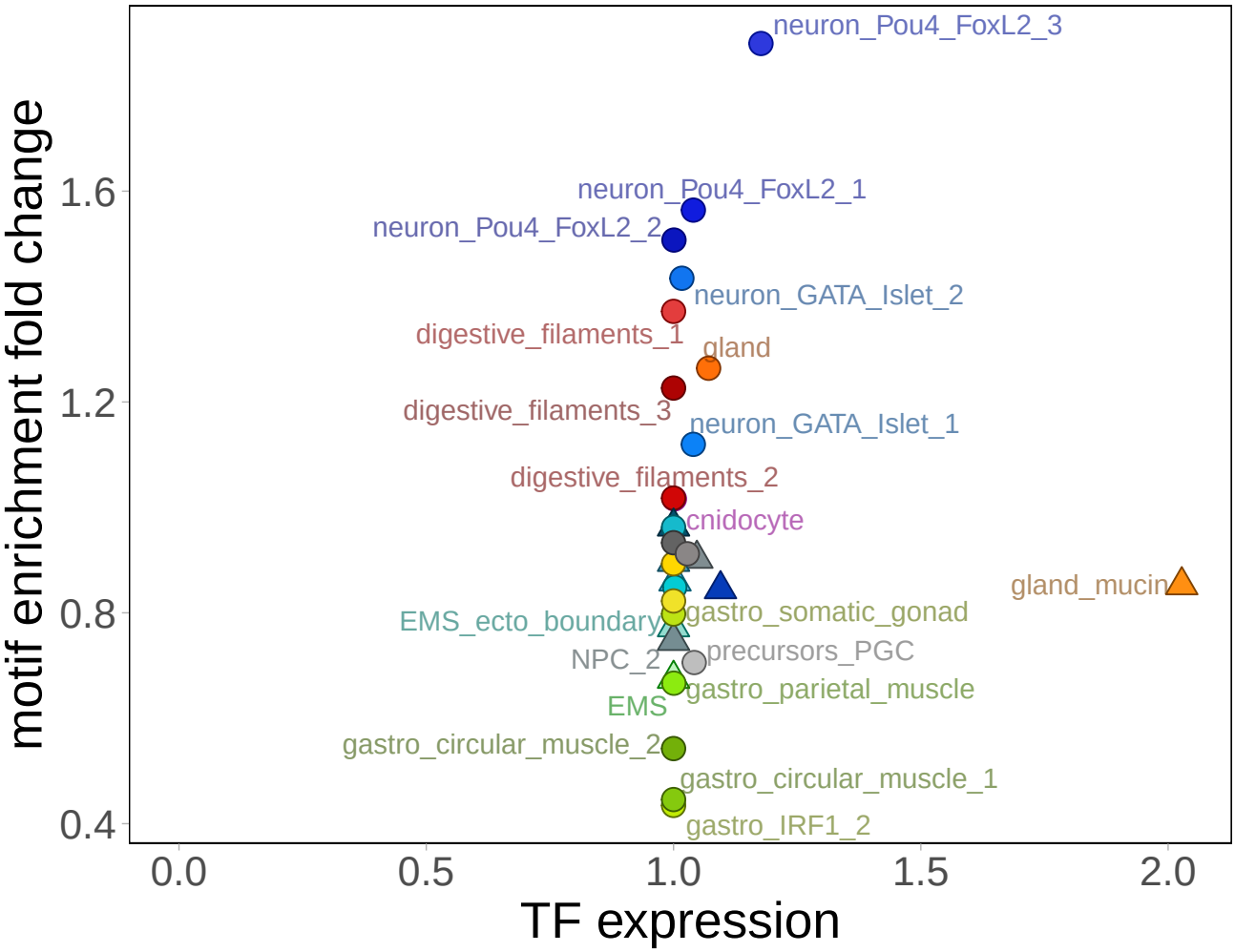
Nvec_vc1.1_XM_032366242.2
OG: bZIP.HG2.12:like:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH620_Atf4/Atf5
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 854
gene expression correlation: 0.1233
gene score correlation: −0.0509



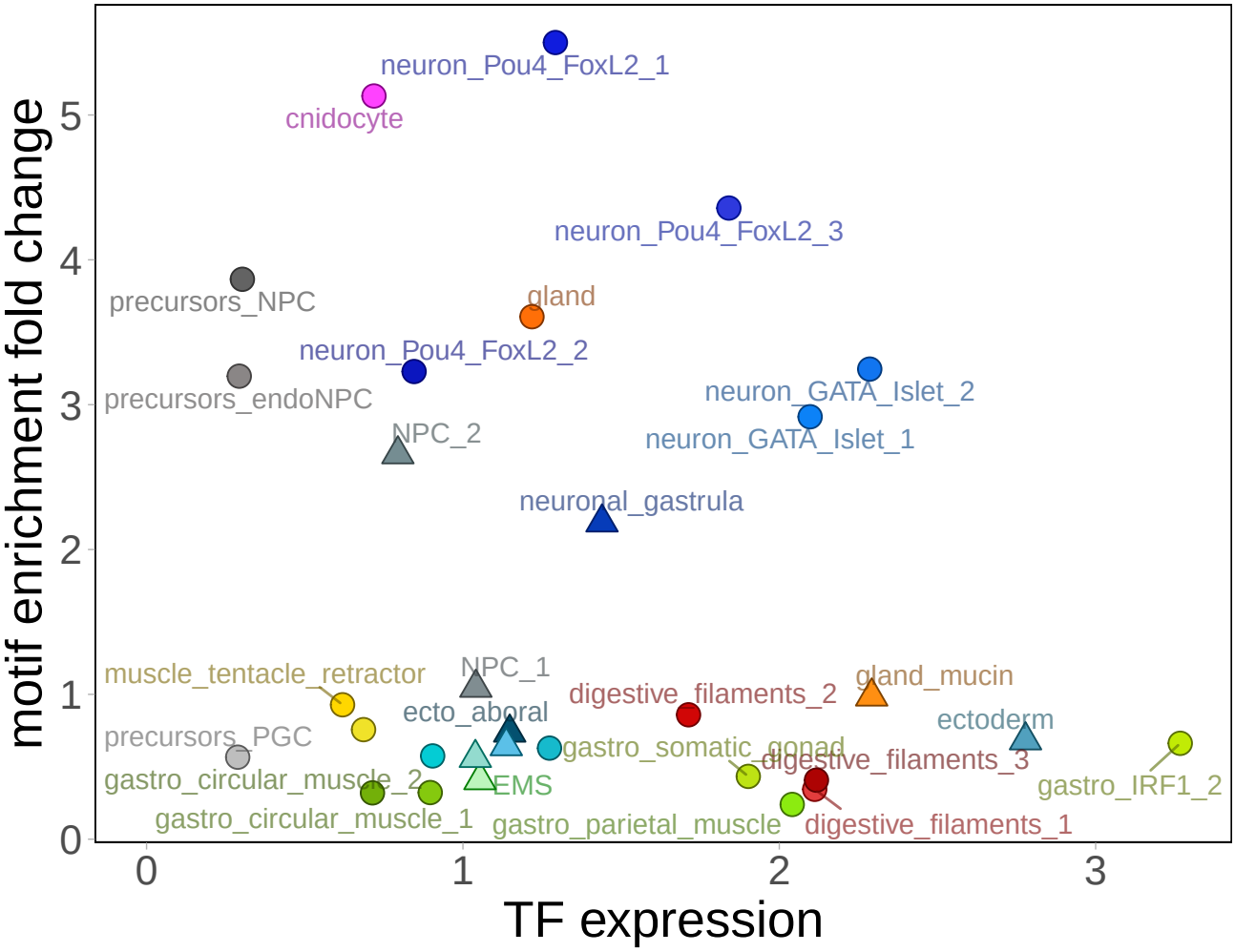
Nvec_vc1.1_XM_032366602.2
OG: Ets.HG1.11:EHF/ELF3/ELF5
PFAM: SAM_PNT/Ets
motif: ARCH584_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 223
gene expression correlation: 0.0508
gene score correlation: 0.3229



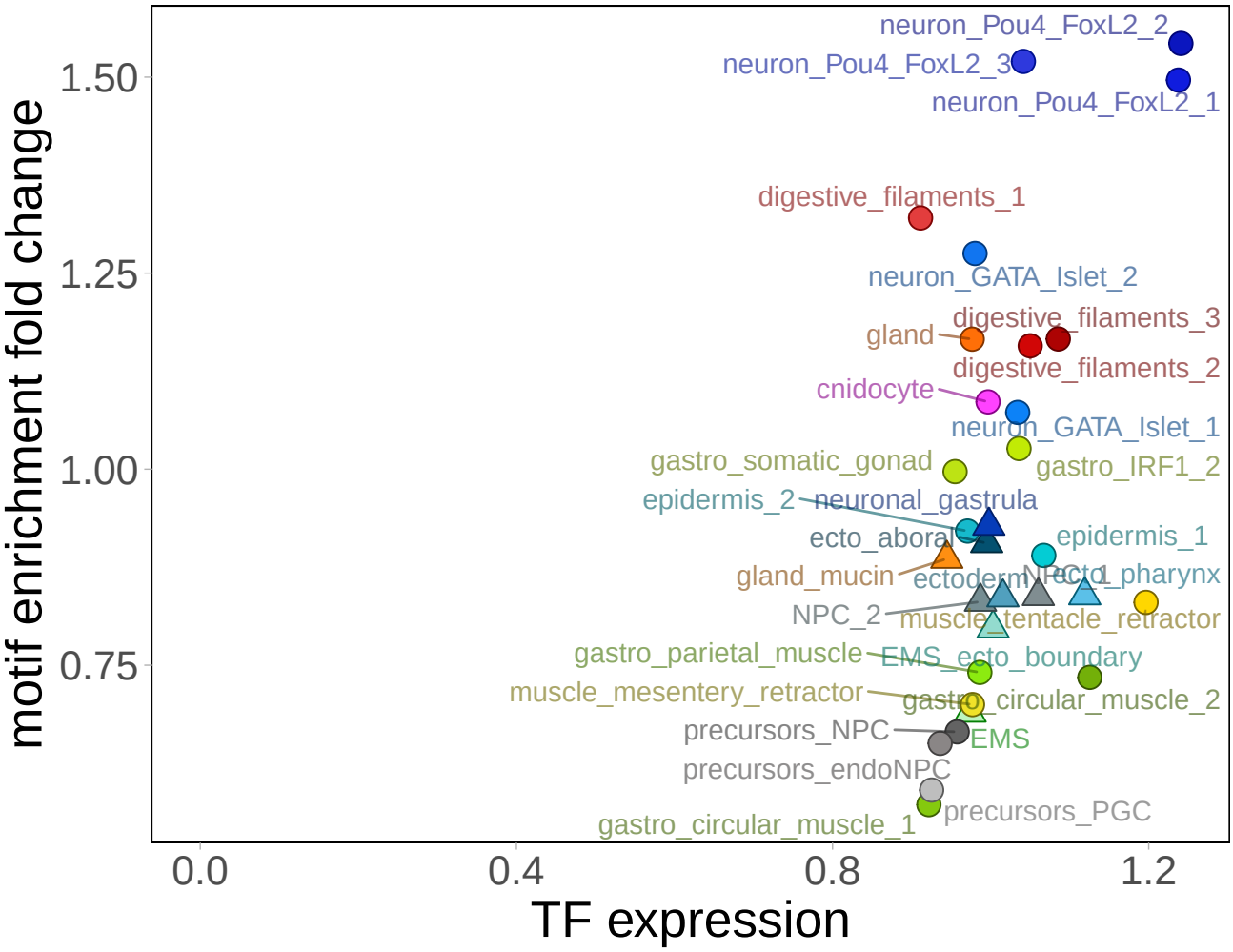
Nvec_vc1.1_XM_032366609.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 31
gene expression correlation: 0.0440
gene score correlation: 0.2899



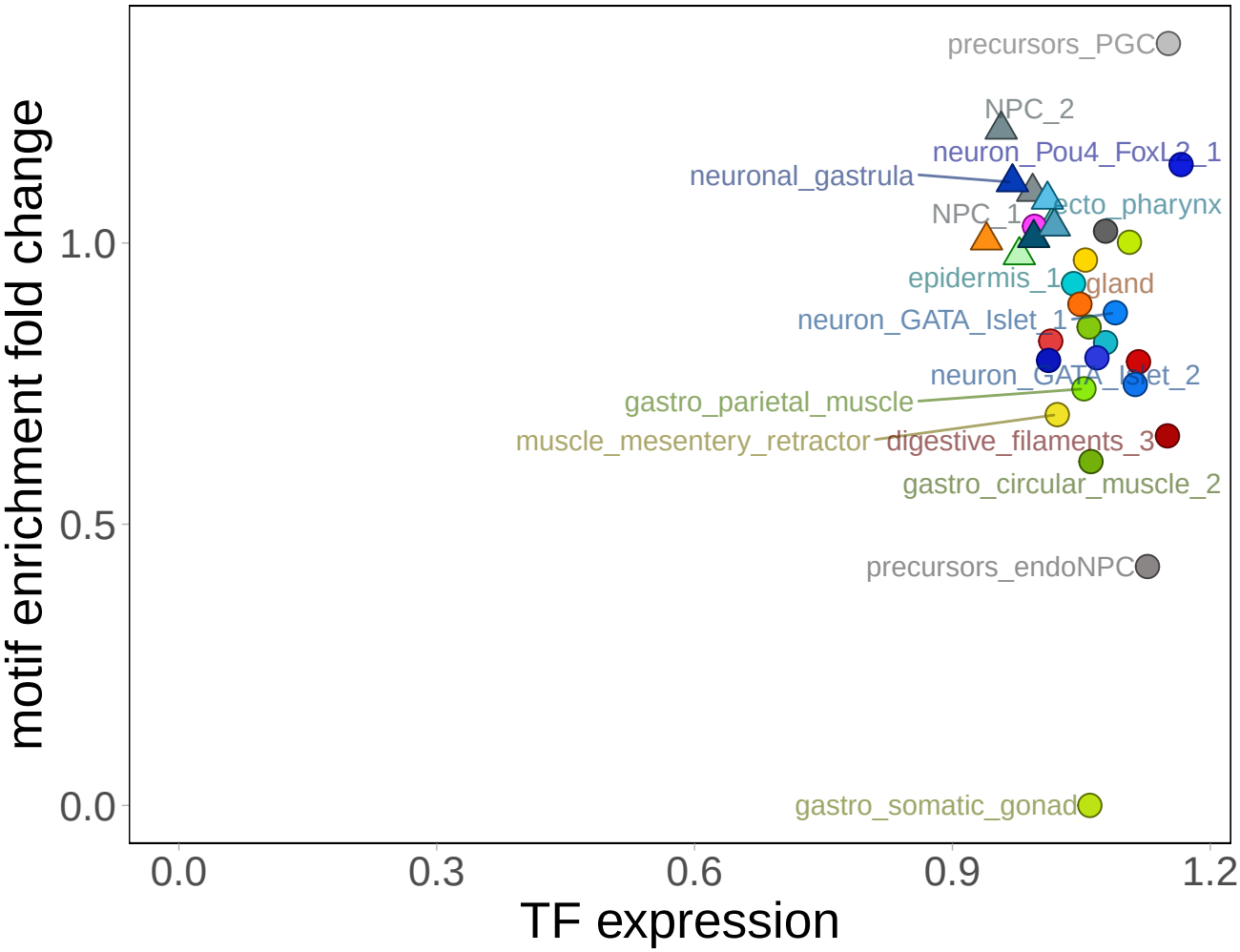
Nvec_vc1.1_XM_032366627.2
OG: zf−C2H2.HG1.44:EGR1/EGR2/EGR3/EG
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 35
gene expression correlation: −0.1785
gene score correlation: 0.4481



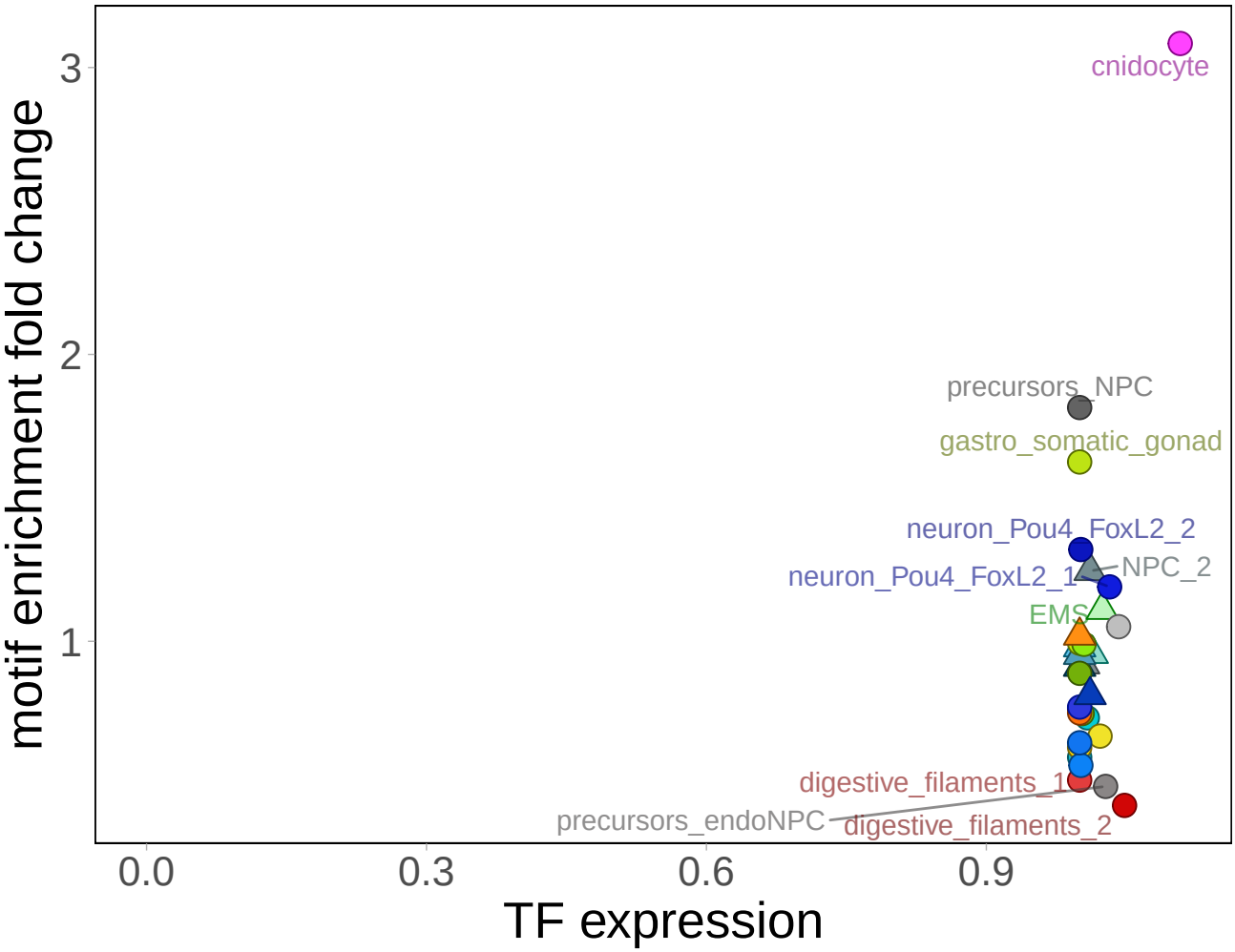
Nvec_vc1.1_XM_032366646.2
OG: ARID_BRIGHT.HG1.5:ARID5A/ARID5B
PFAM: ARID
motif: ARCH1088_Arid5b/Arid5a
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: TRUE
rank: 59
gene expression correlation: 0.4500
gene score correlation: 0.3209



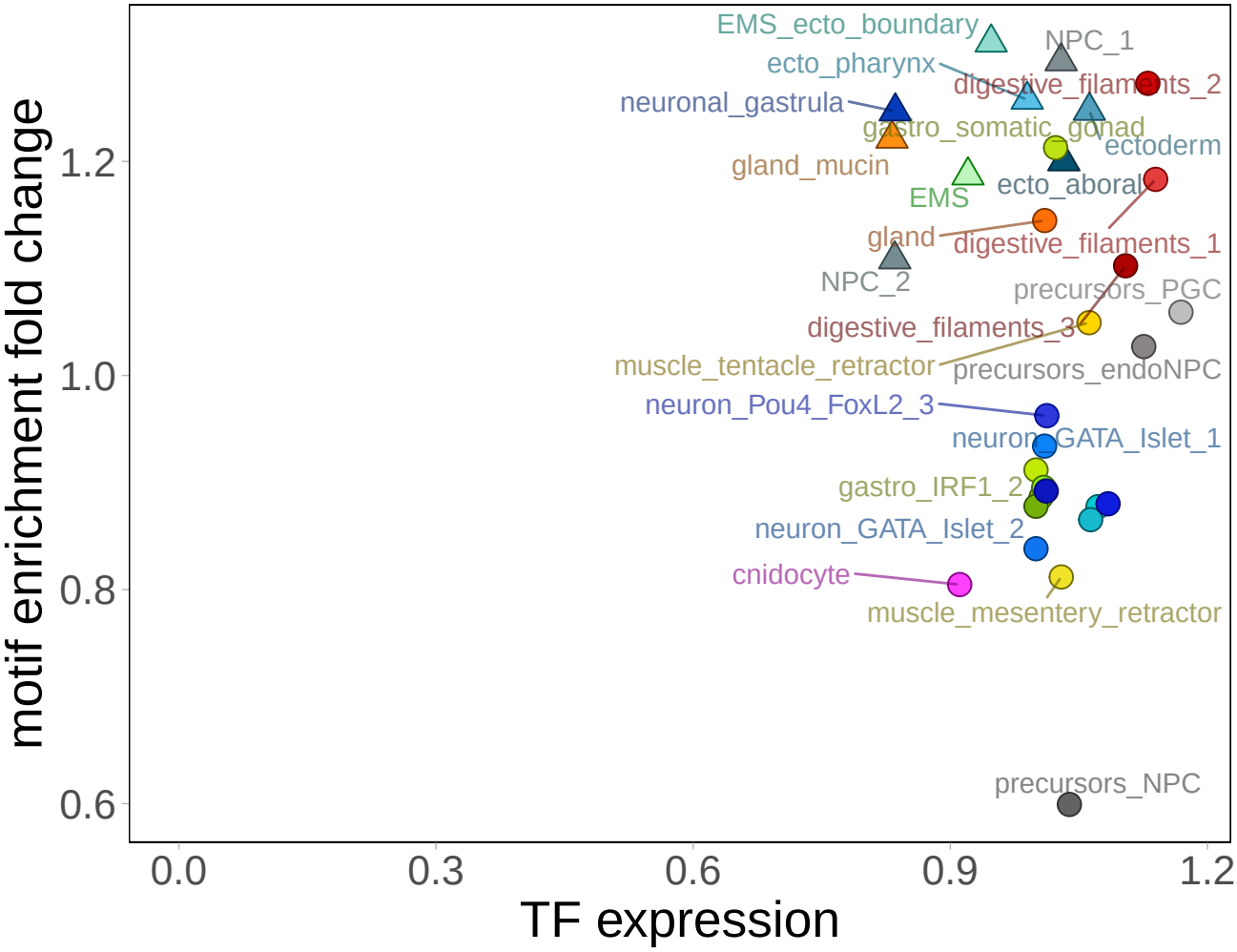
Nvec_vc1.1_XM_032366739.2
OG: HMGbox_Sox.HG1.65:HMG20B
PFAM: HMG_box
motif: ARCH1079_SEP3
TF family: HMGbox_Sox
archetype family:
CisBP assigned: FALSE
rank: 1065
gene expression correlation: −0.2298
gene score correlation: −0.1553



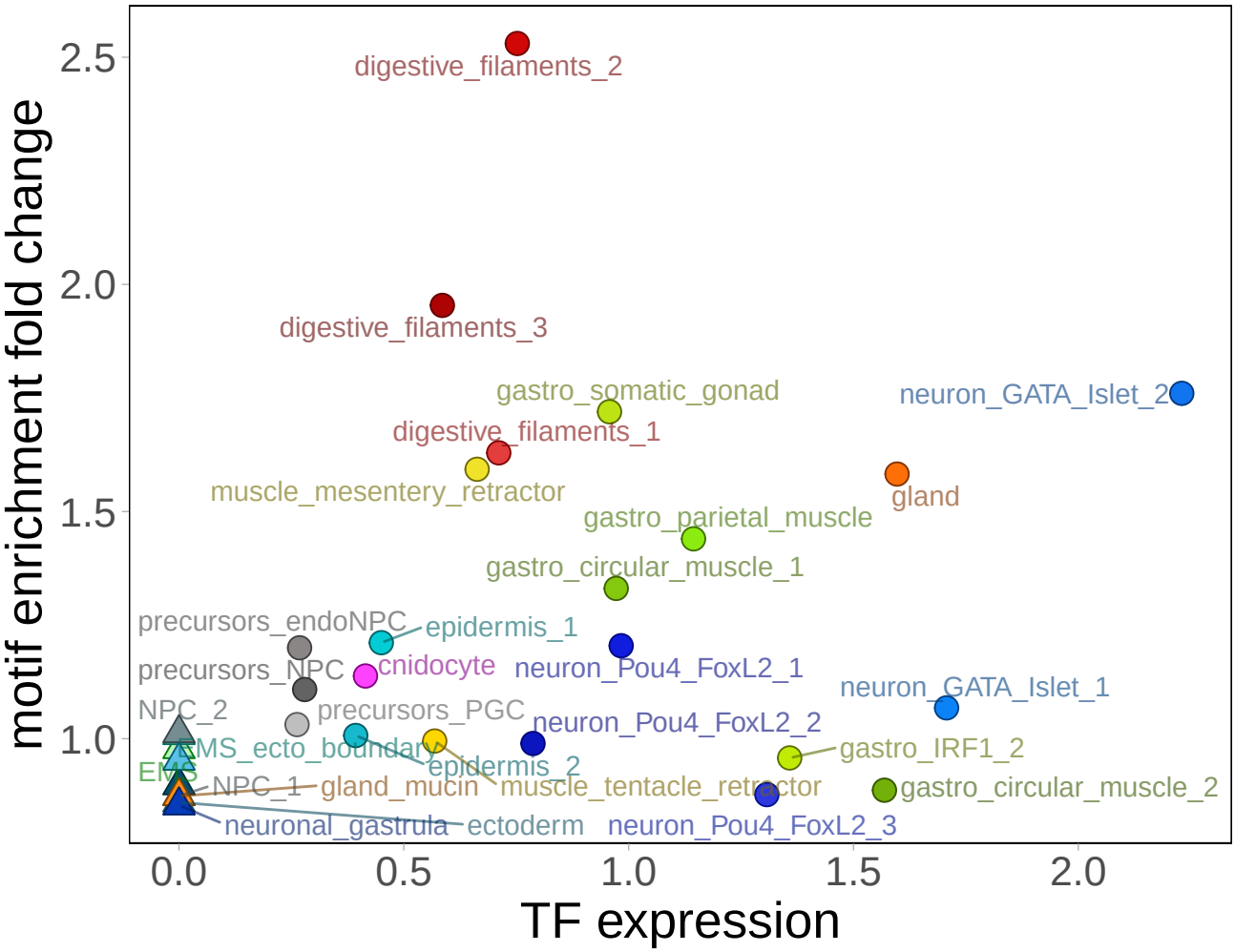
Nvec_vc1.1_XM_032366790.2
OG: THAP_finger.HG1.0:AC073612.1/THAP1/
PFAM: THAP
motif: ARCH442_LEU3
TF family: THAP_finger
archetype family:
CisBP assigned: FALSE
rank: 1386
gene expression correlation: 0.5776
gene score correlation: −0.2495



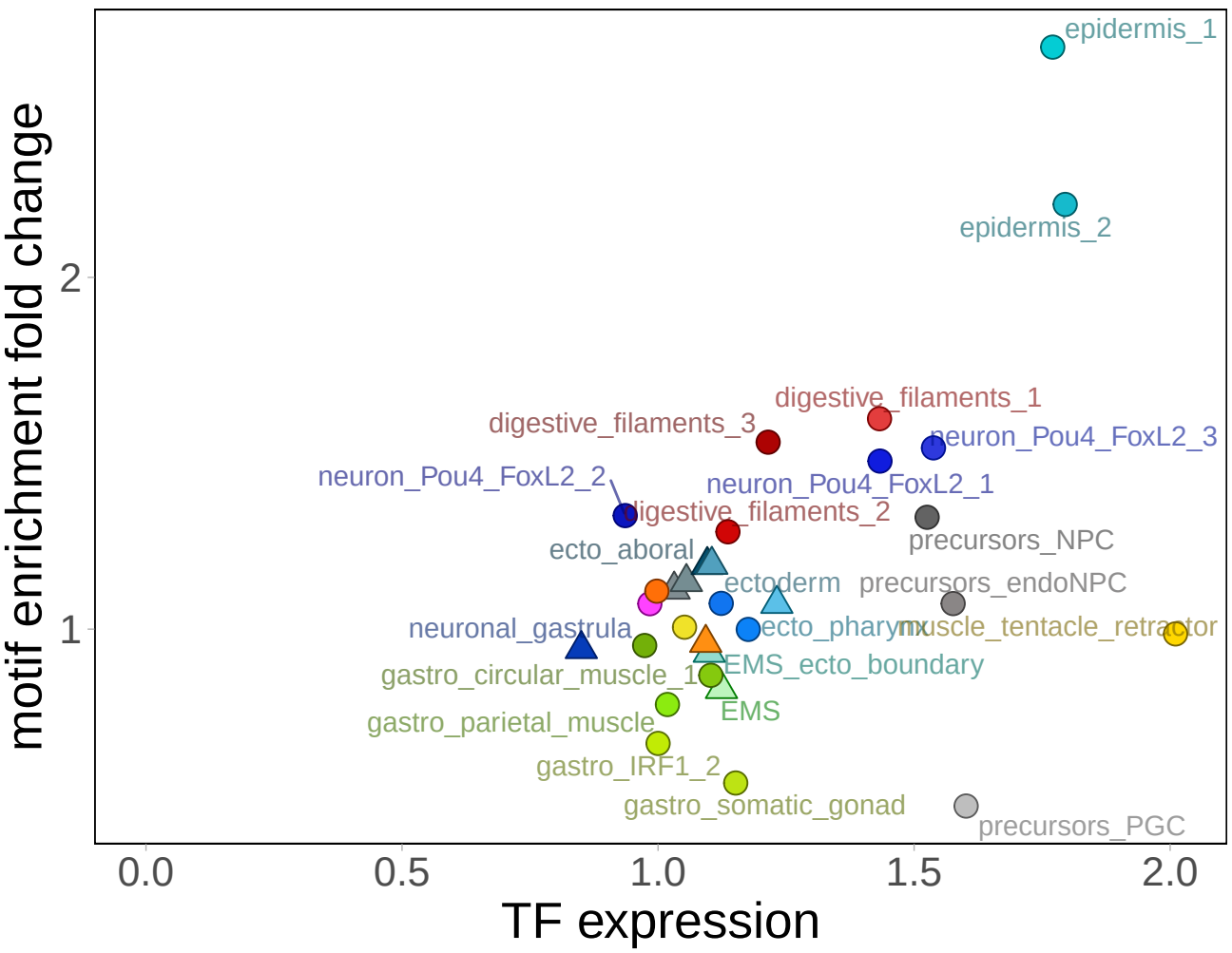
Nvec_vc1.1_XM_032366797.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA−binding
motif: ARCH604_YER051W
TF family: Myb
archetype family:
CisBP assigned: FALSE
rank: 52
gene expression correlation: −0.1243
gene score correlation: −0.1702



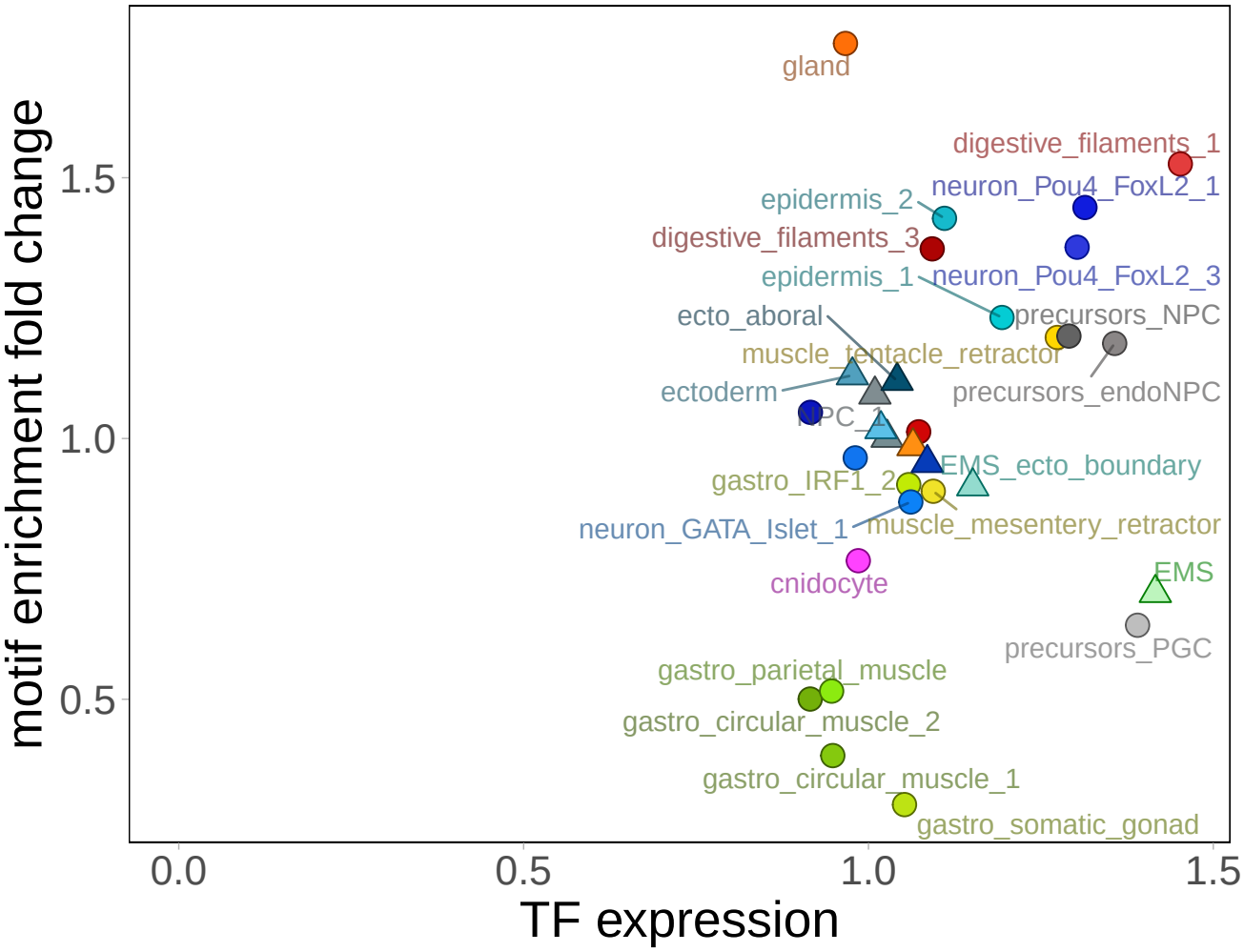
Nvec_vc1.1_XM_032366979.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.3658
gene score correlation: 0.7759



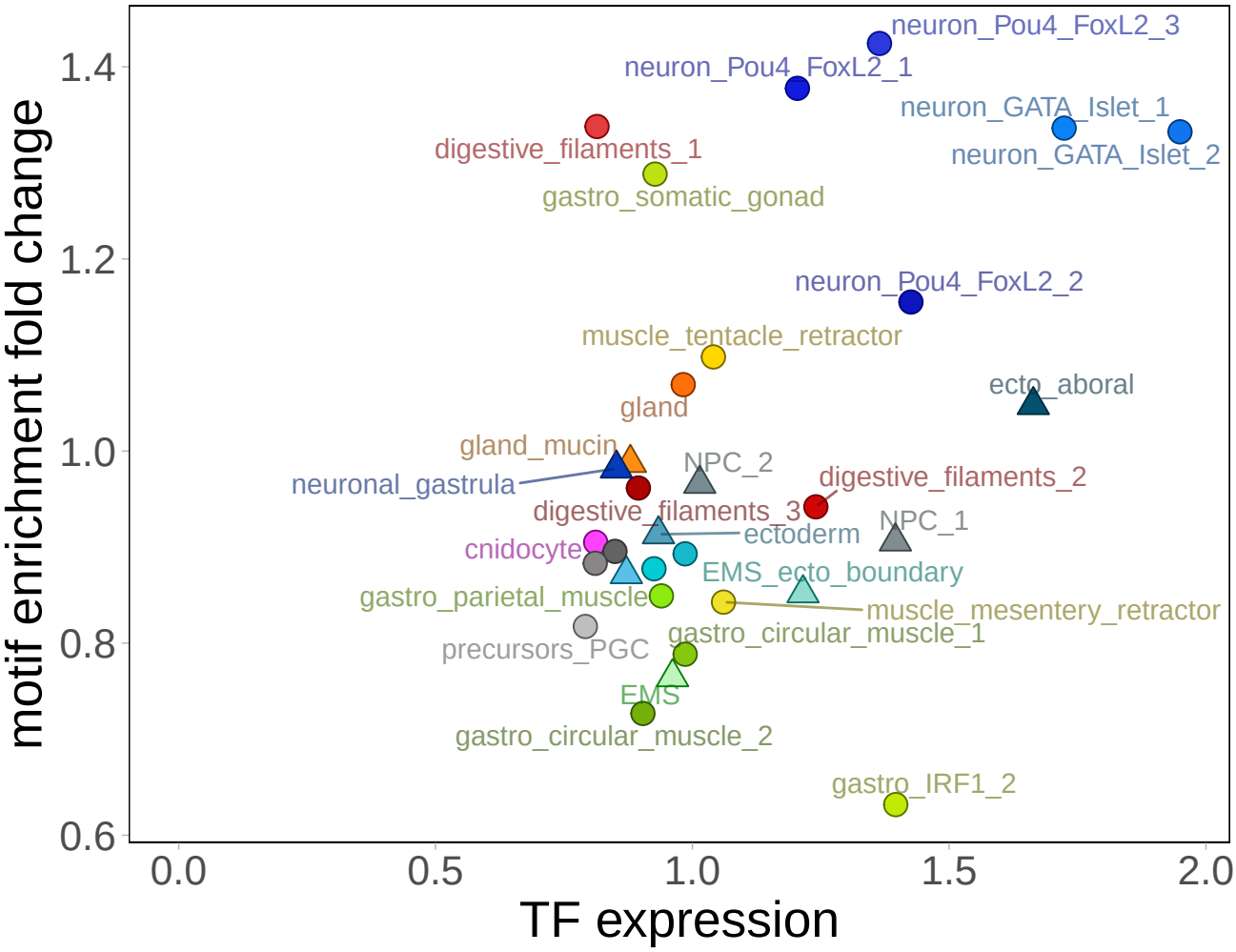
Nvec_vc1.1_XM_032367127.2
OG: bZIP.HG2.10:DBP/HLF/TEF
PFAM: bZIP_2
motif: ARCH1404_unc−86
TF family: bZIP
archetype family:
CisBP assigned: FALSE
rank: 967
gene expression correlation: 0.4882
gene score correlation: 0.0721



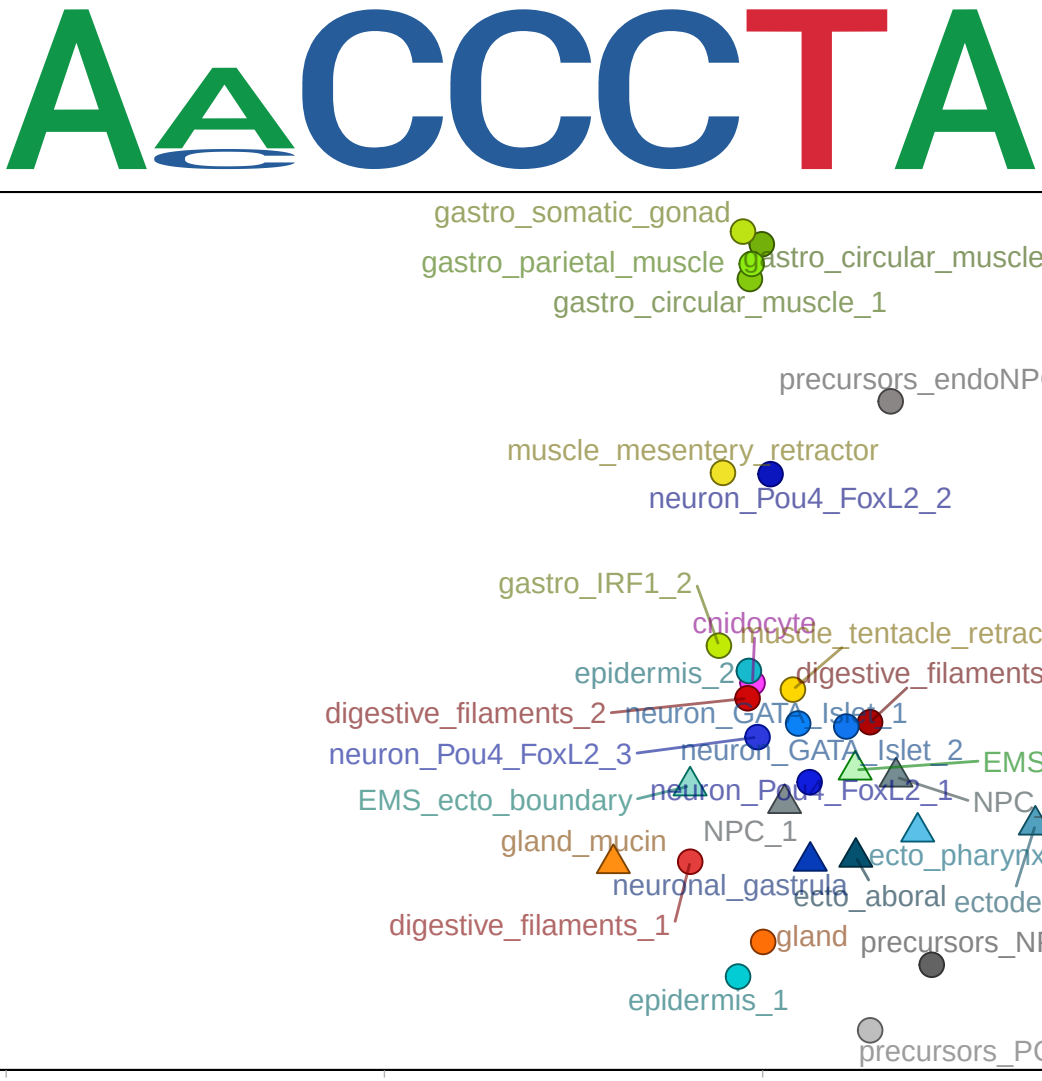
Nvec_vc1.1_XM_032367197.2
OG: zf−C2H2.HG18.0:ZNF277
PFAM: zf−C2H2_2/zf−C2H2_2
motif: ARCH69_AGL27
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 94
gene expression correlation: 0.3053
gene score correlation: 0.1973



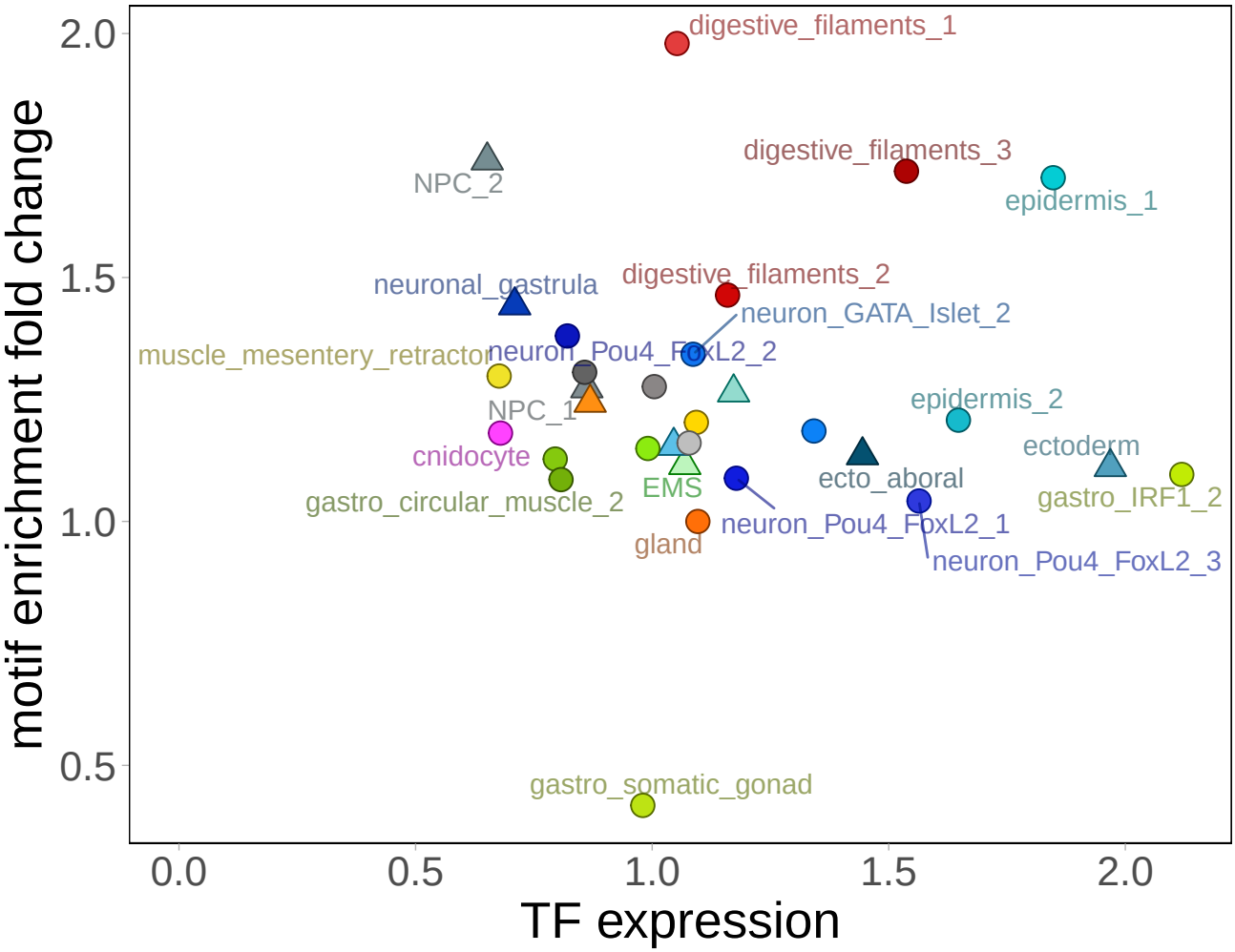
Nvec_vc1.1_XM_032367573.2
OG: SAND.HG1.1:like:GMEB1/GMEB2
PFAM: SAND/SAM_1
motif: ARCH34_EGL−5
TF family: SAND
archetype family:
CisBP assigned: FALSE
rank: 1379
gene expression correlation: 0.4188
gene score correlation: −0.1855



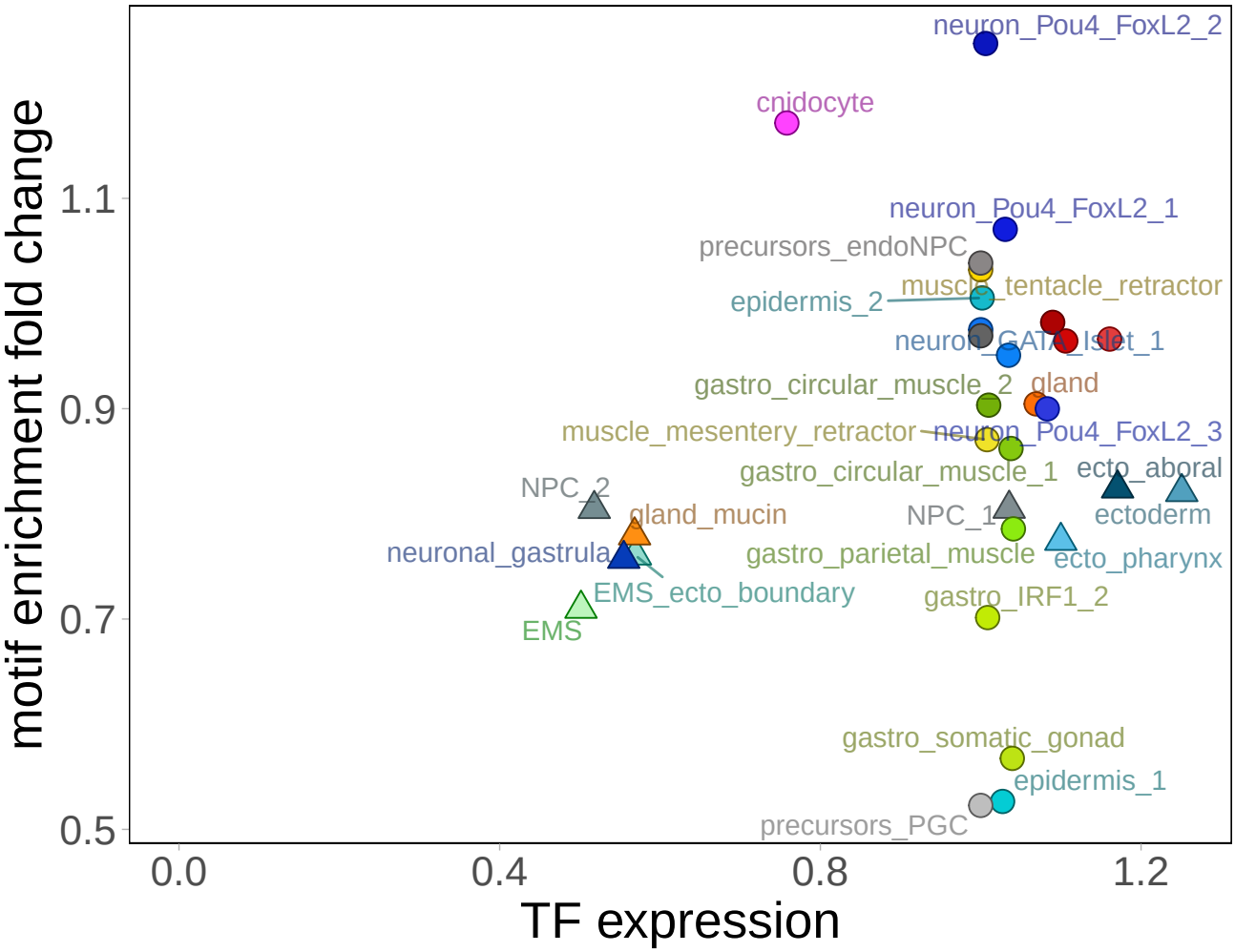
Nvec_vc1.1_XM_032367750.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCOR3
PFAM: Myb_DNA−binding
motif: ARCH1489_0610010K14Rik
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 1691
gene expression correlation: −0.2304
gene score correlation: −0.2762



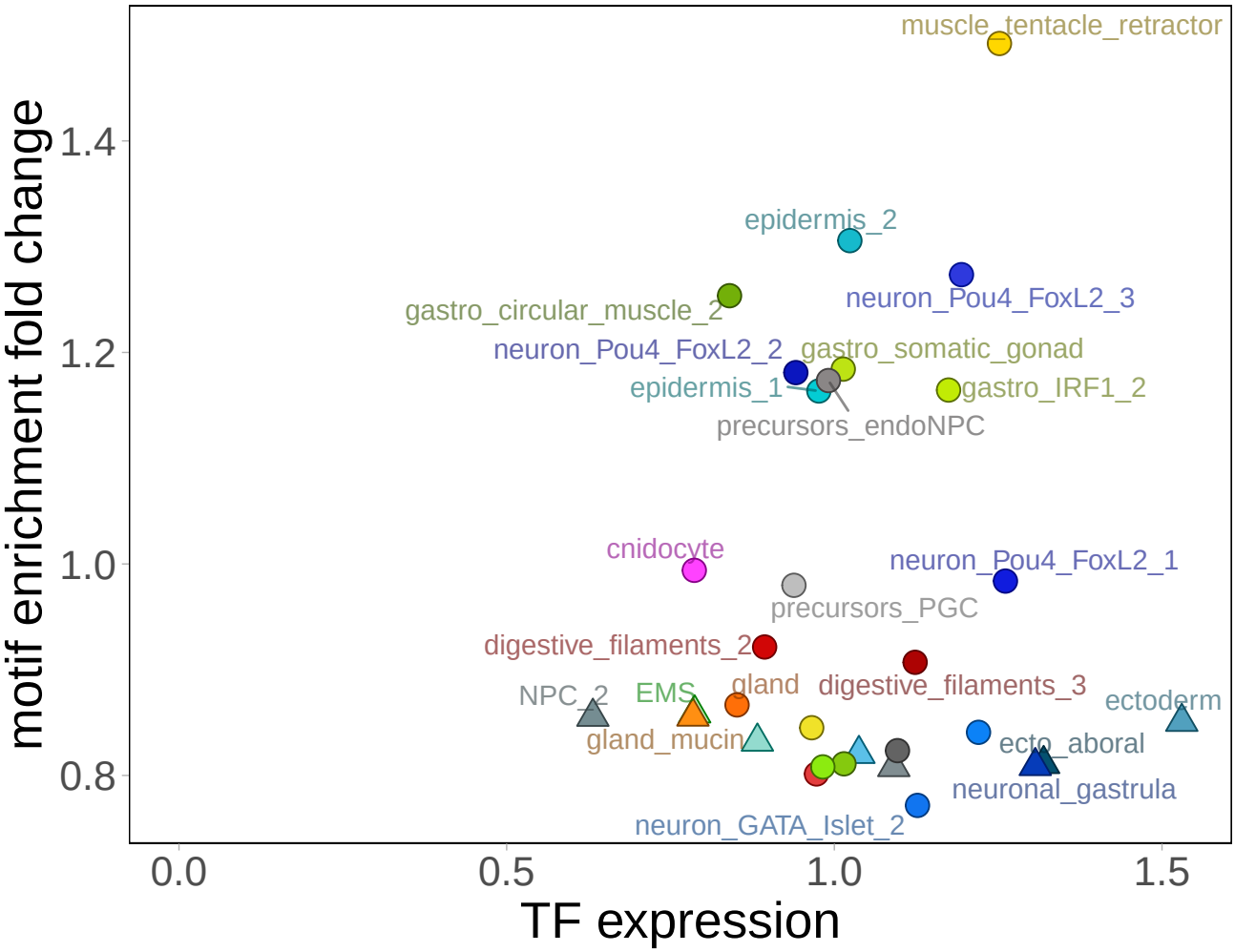
Nvec_vc1.1_XM_032367802.2
OG: zf−C2H2.HG2.9:like:KLF3/KLF5/KLF6/KL
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 2
gene expression correlation: −0.0257
gene score correlation: 0.2595



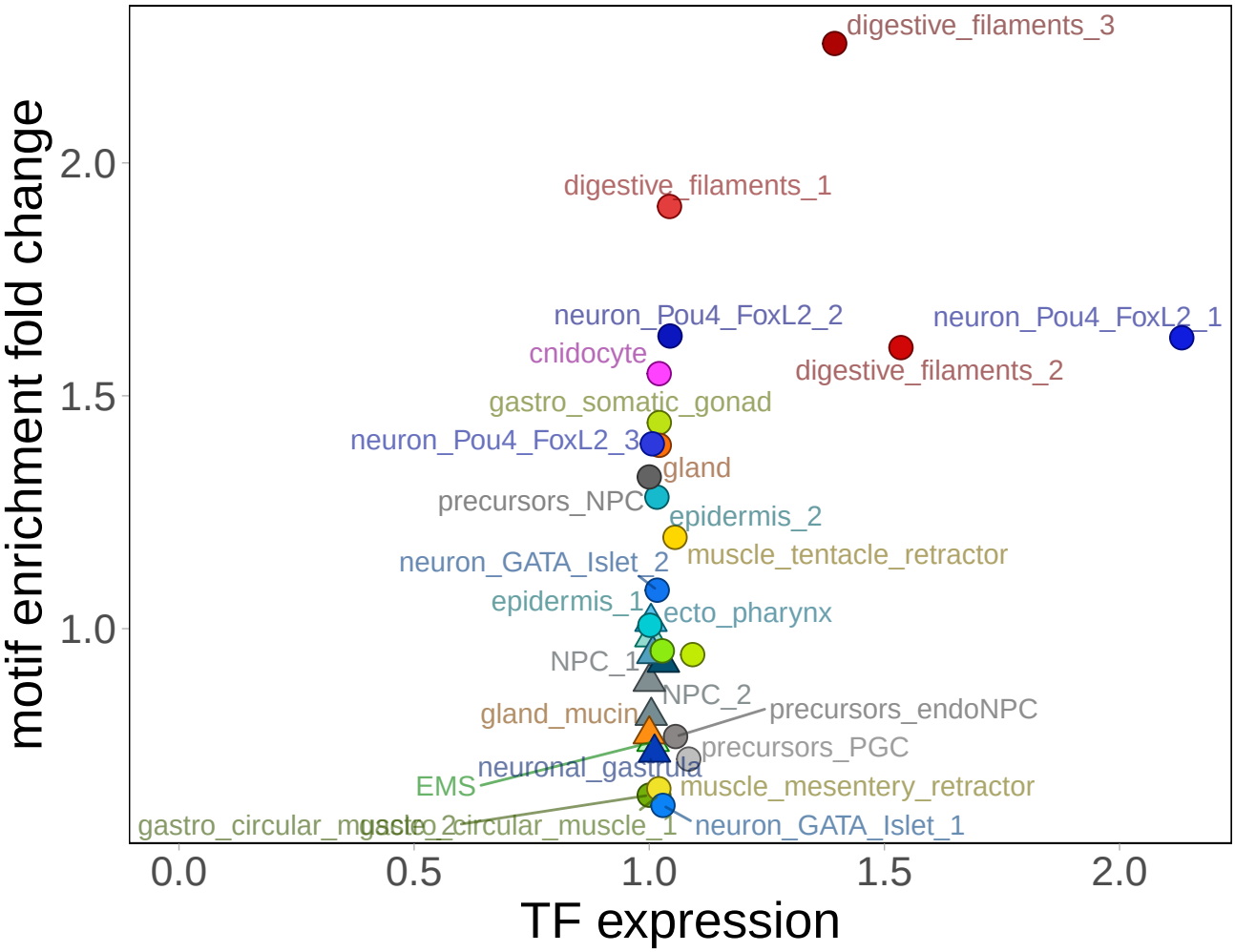
Nvec_vc1.1_XM_032369373.2
OG: Doublesex_DM.HG1.9:like:DMRT1/DMRT
PFAM: DM/DMA
motif: ARCH1070_Dmrtc2_Irx6
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 589
gene expression correlation: 0.1639
gene score correlation: 0.0179



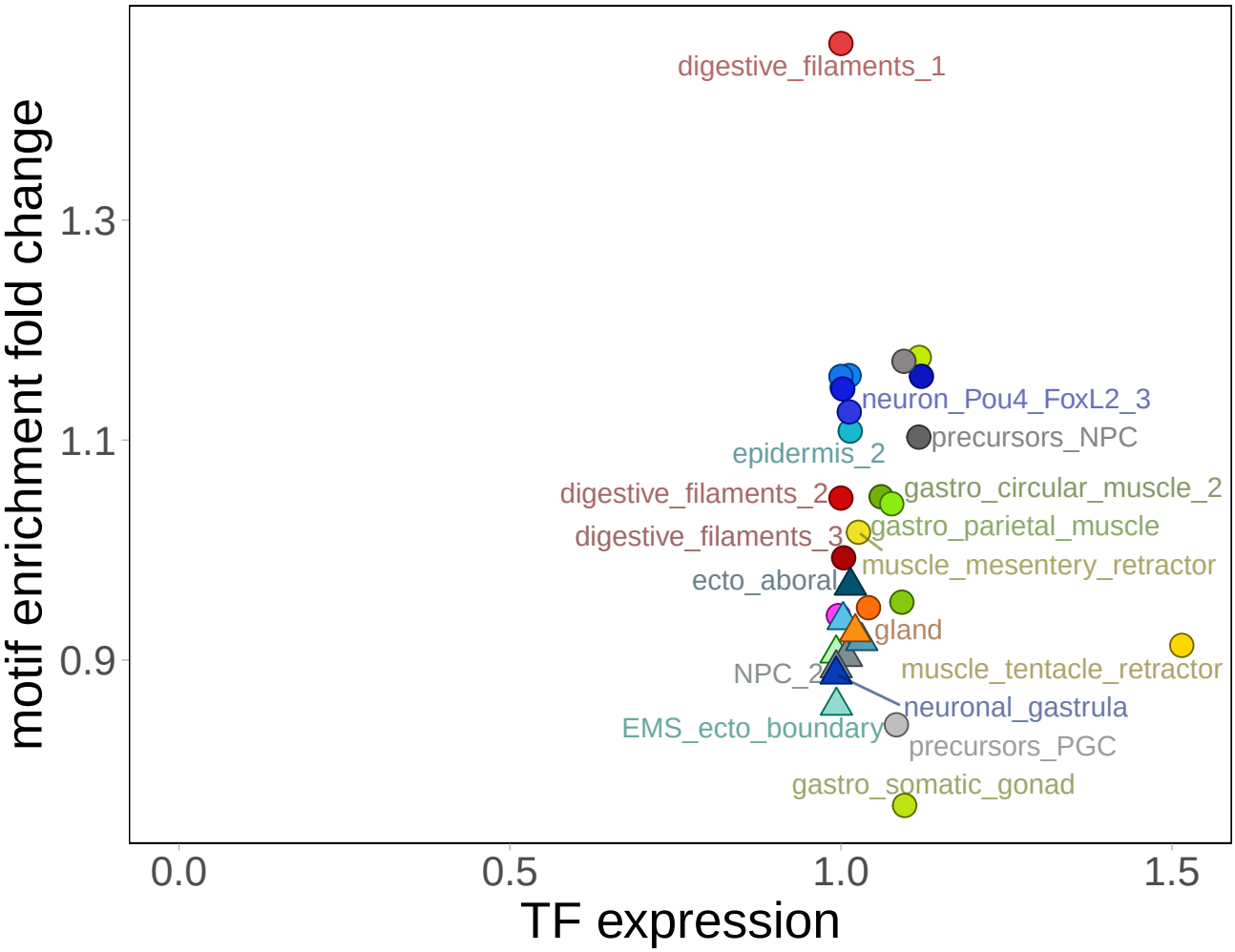
Nvec_vc1.1_XM_032369437.2
OG: zf−C2H2.HG2.20:KLF6/KLF7
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH407_Klf1/Klf4/Klf2_Klf5...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 585
gene expression correlation: 0.0423
gene score correlation: 0.0653



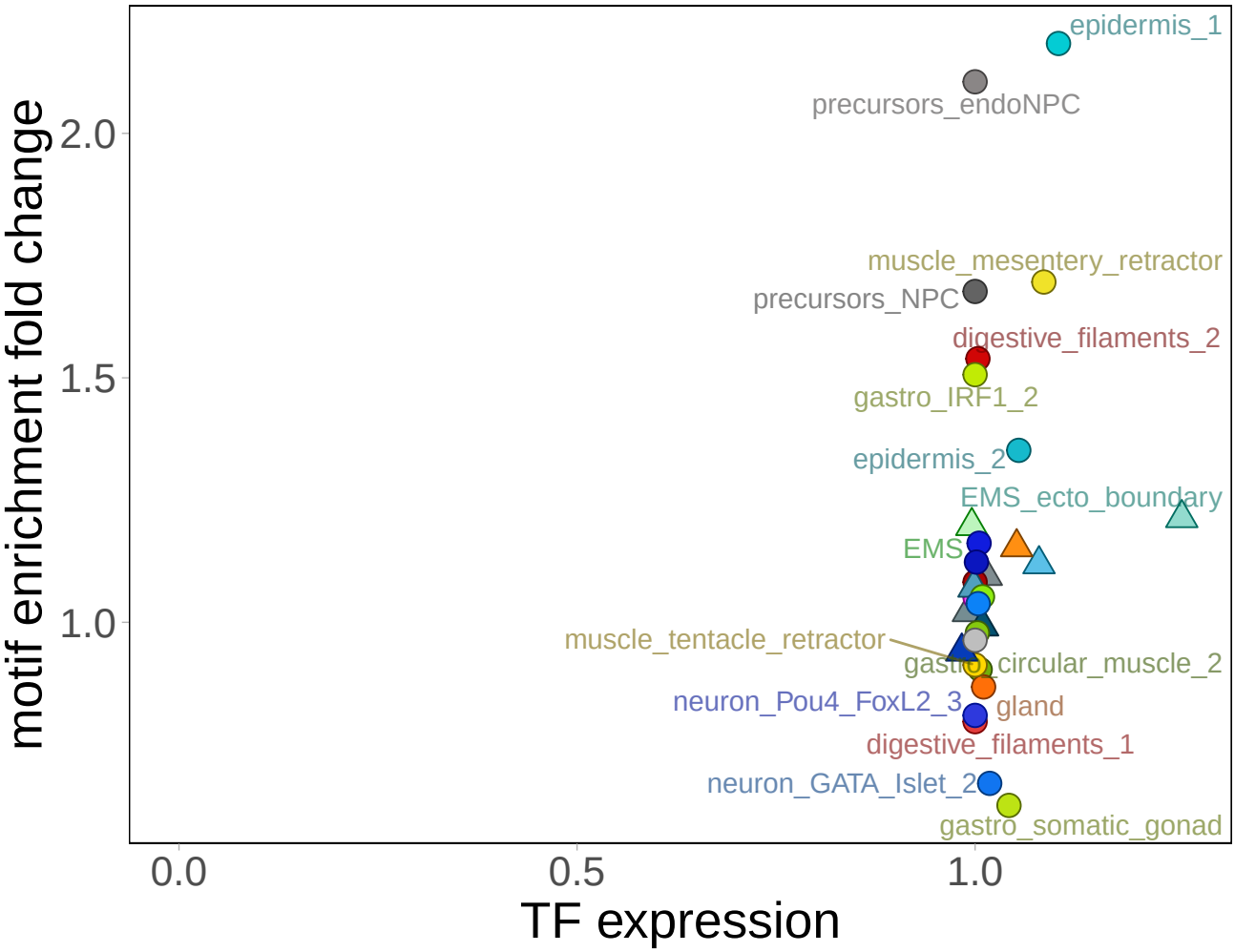
Nvec_vc1.1_XM_032370011.2
OG: Homeodomains.HG1.37:NKX6−1/NKX6−2
PFAM: Homeodomain
motif: ARCH1014_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 13
gene expression correlation: 0.4535
gene score correlation: 0.6179



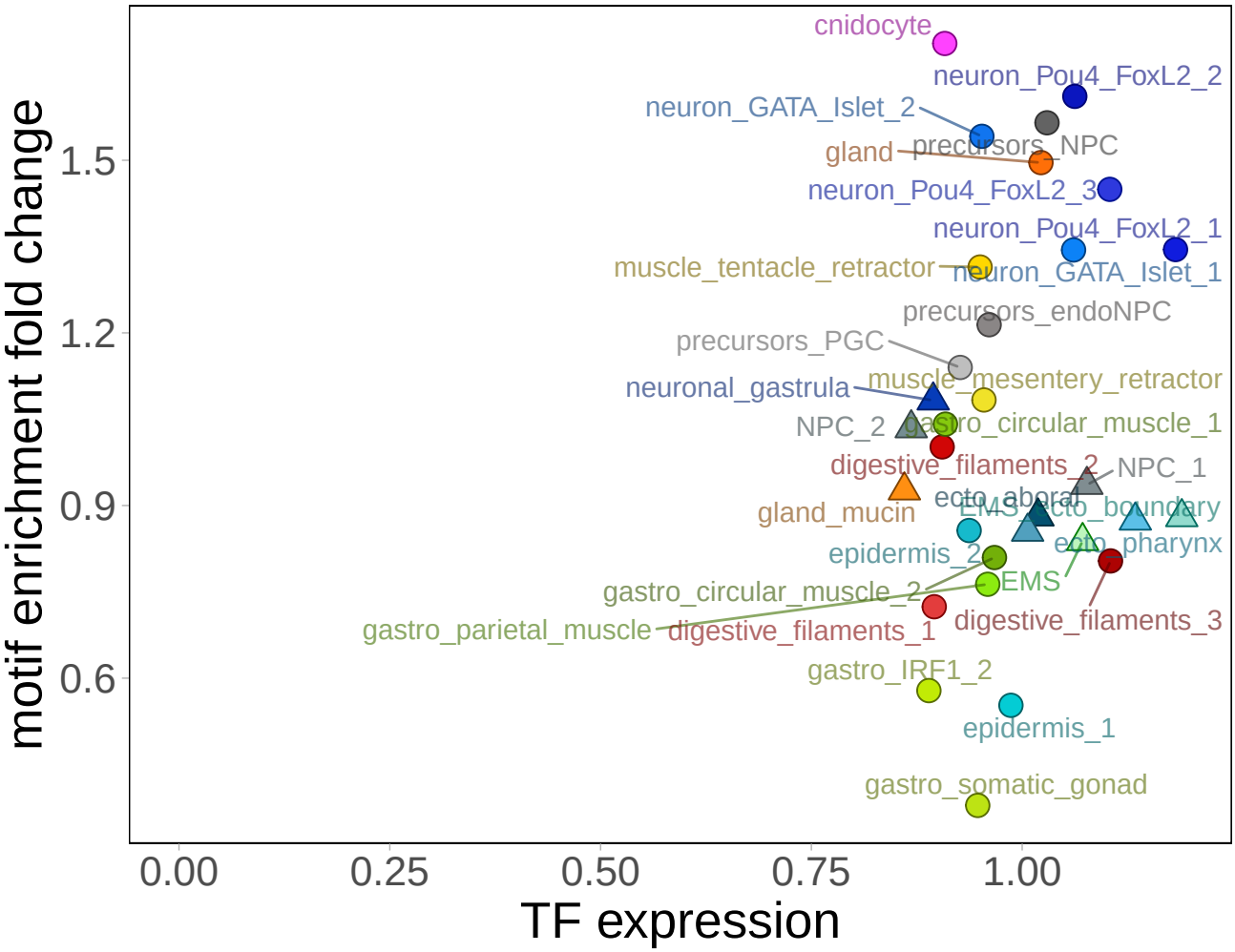
Nvec_vc1.1_XM_032370013.2
OG: Homeodomains.HG1.37:NKX6−1/NKX6−2
PFAM: Homeodomain
motif: ARCH1338_Barx2/Barx1_Dlx4/D...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 120
gene expression correlation: −0.0953
gene score correlation: −0.0929



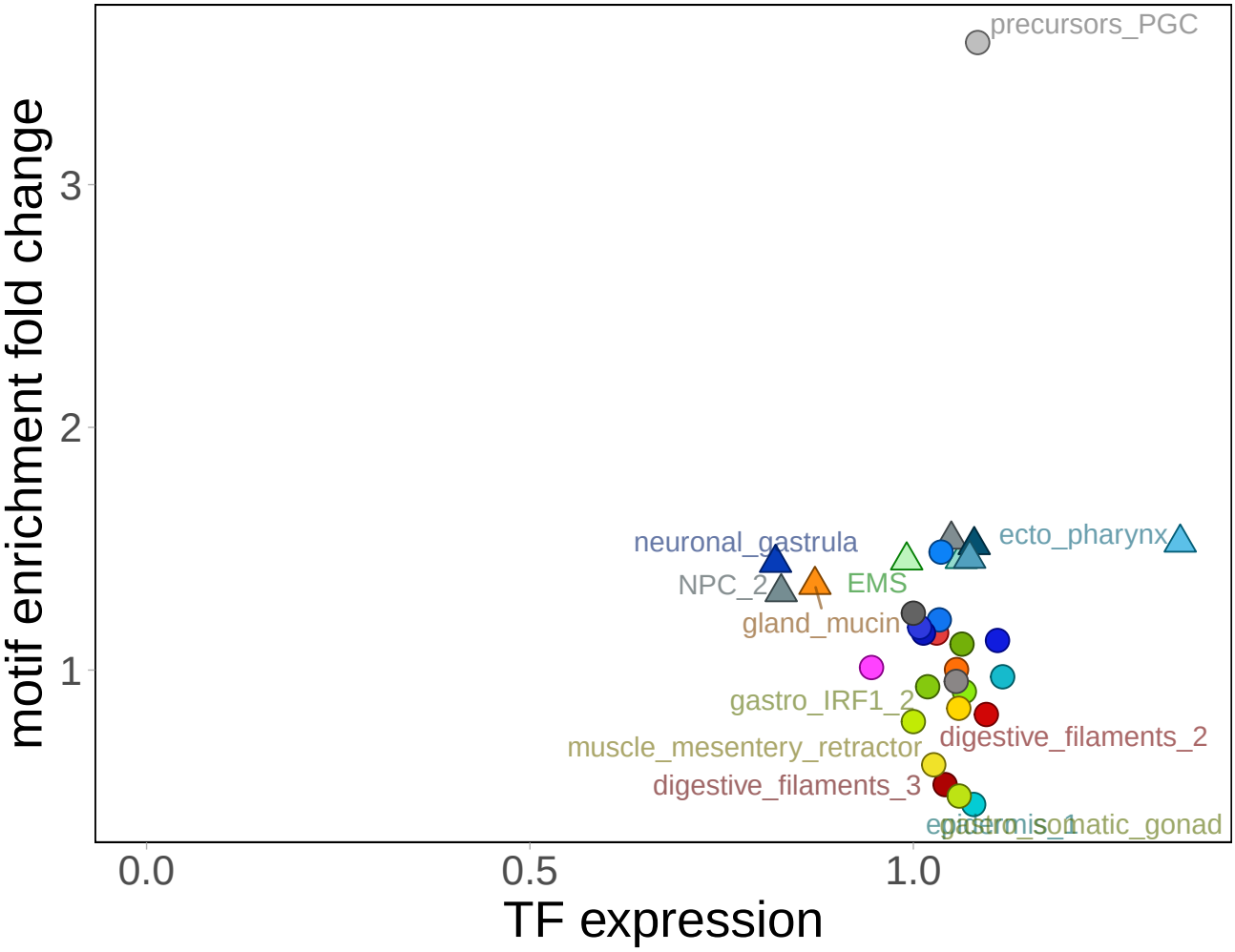
Nvec_vc1.1_XM_032370269.2
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB/NRL
PFAM: bZIP_Maf
motif: ARCH537_STP1
TF family: bZIP
archetype family:
CisBP assigned: FALSE
rank: 507
gene expression correlation: 0.2429
gene score correlation: 0.4279



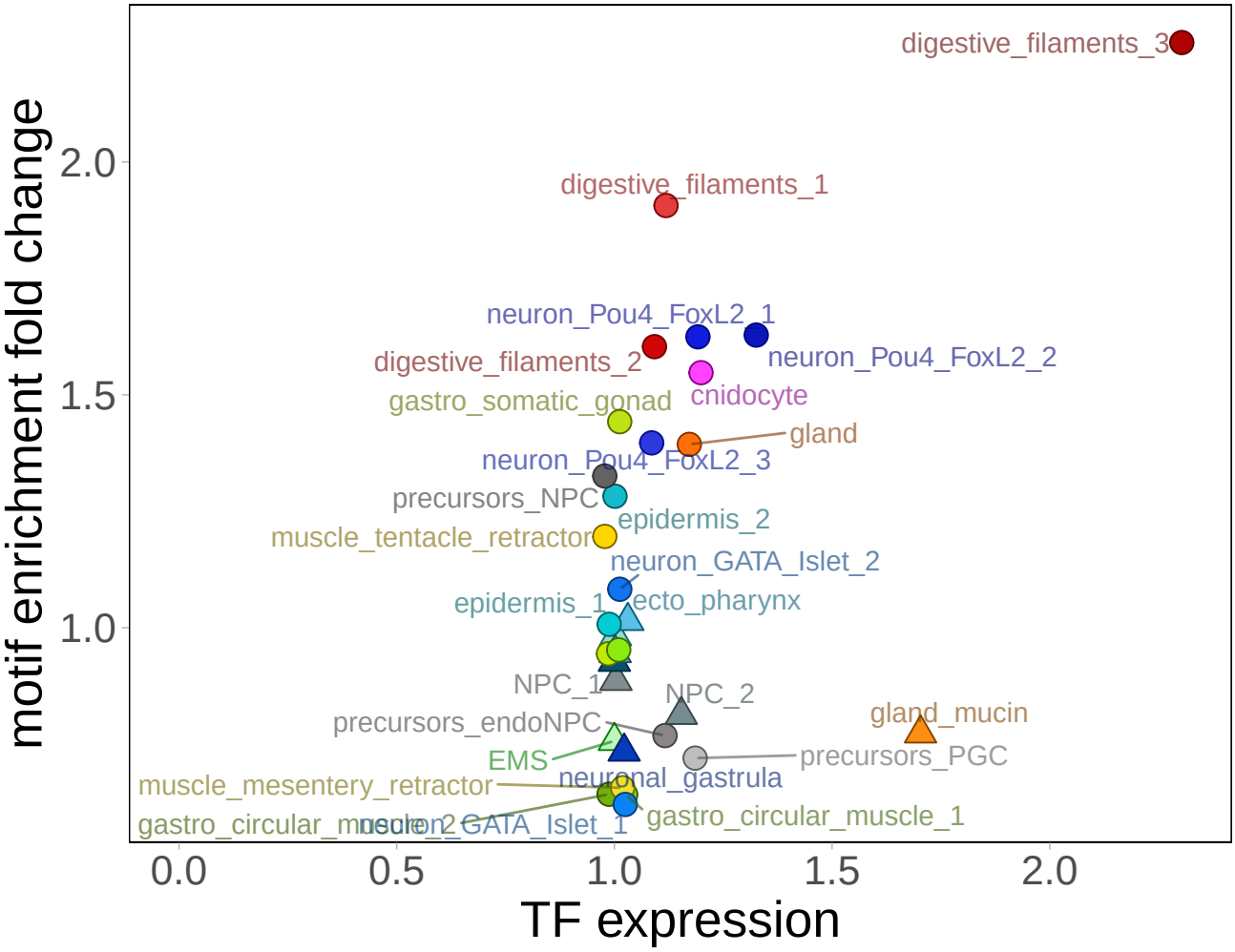
Nvec_vc1.1_XM_032370541.2
OG: SMAD_MH1.HG1.1:SMAD4
PFAM: MH1/MH2
motif: ARCH662_Smad4
TF family: SMAD_MH1
archetype family: SMAD_MH1
CisBP assigned: TRUE
rank: 45
gene expression correlation: 0.1470
gene score correlation: 0.5439



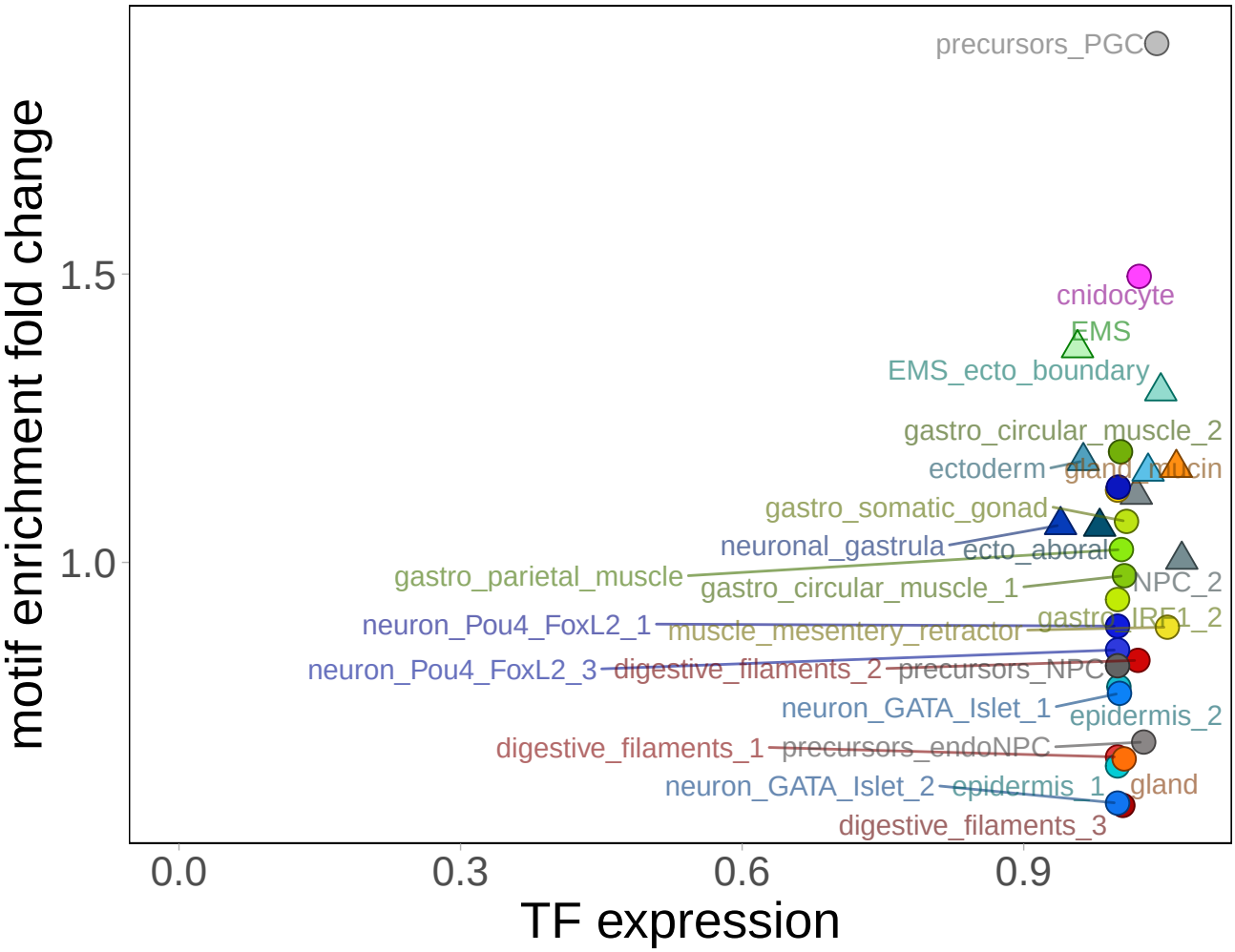
Nvec_vc1.1_XM_032370623.2
OG: E2F_TDP.HG1.0:E2F7/E2F8
PFAM: E2F_TDP/E2F_TDP
motif: ARCH1220_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 10
gene expression correlation: 0.0340
gene score correlation: 0.3940



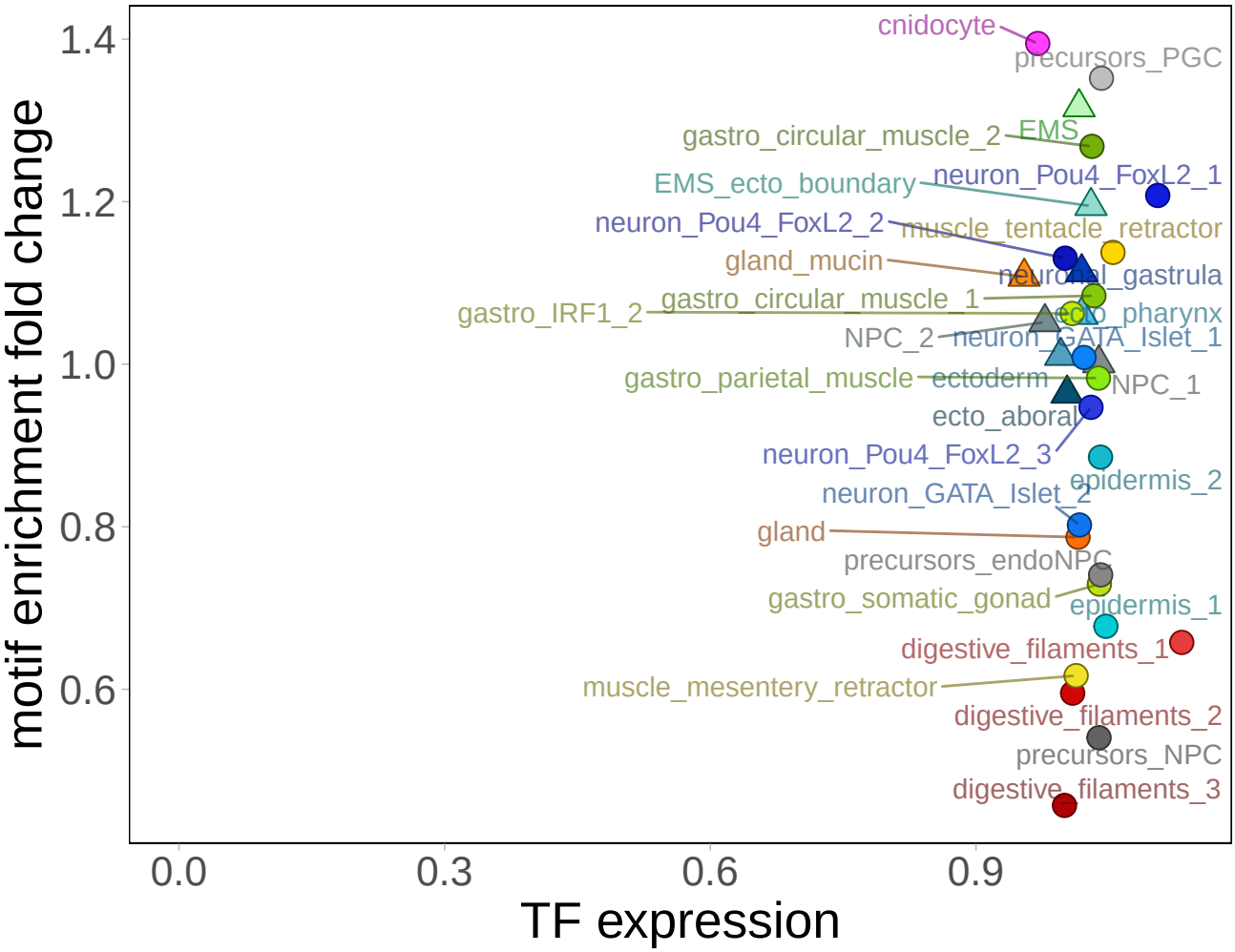
Nvec_vc1.1_XM_032371032.2
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
motif: ARCH1014_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 44
gene expression correlation: 0.4996
gene score correlation: 0.6019



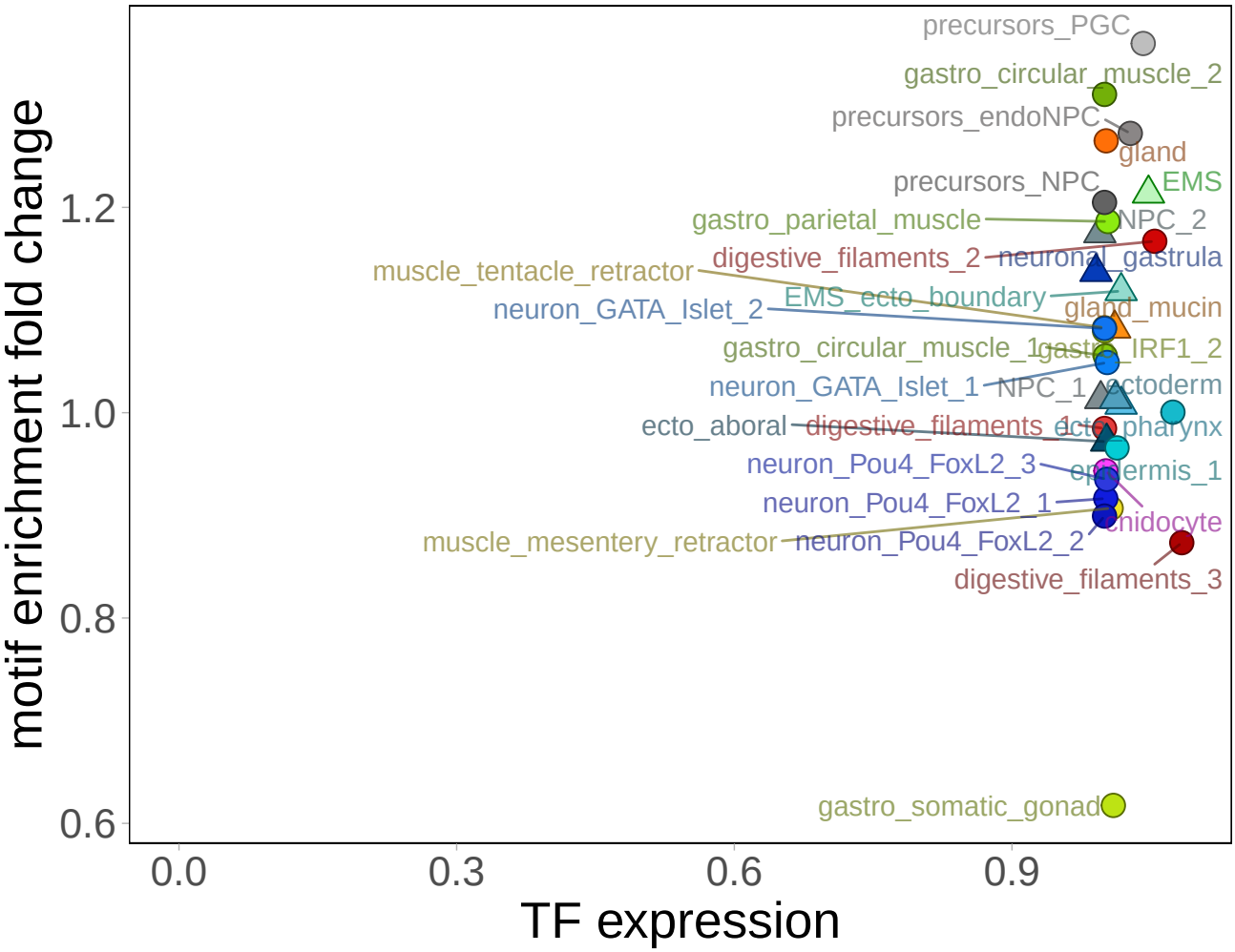
Nvec_vc1.1_XM_032371091.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH814_YDR026C
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 68
gene expression correlation: 0.1307
gene score correlation: 0.3183



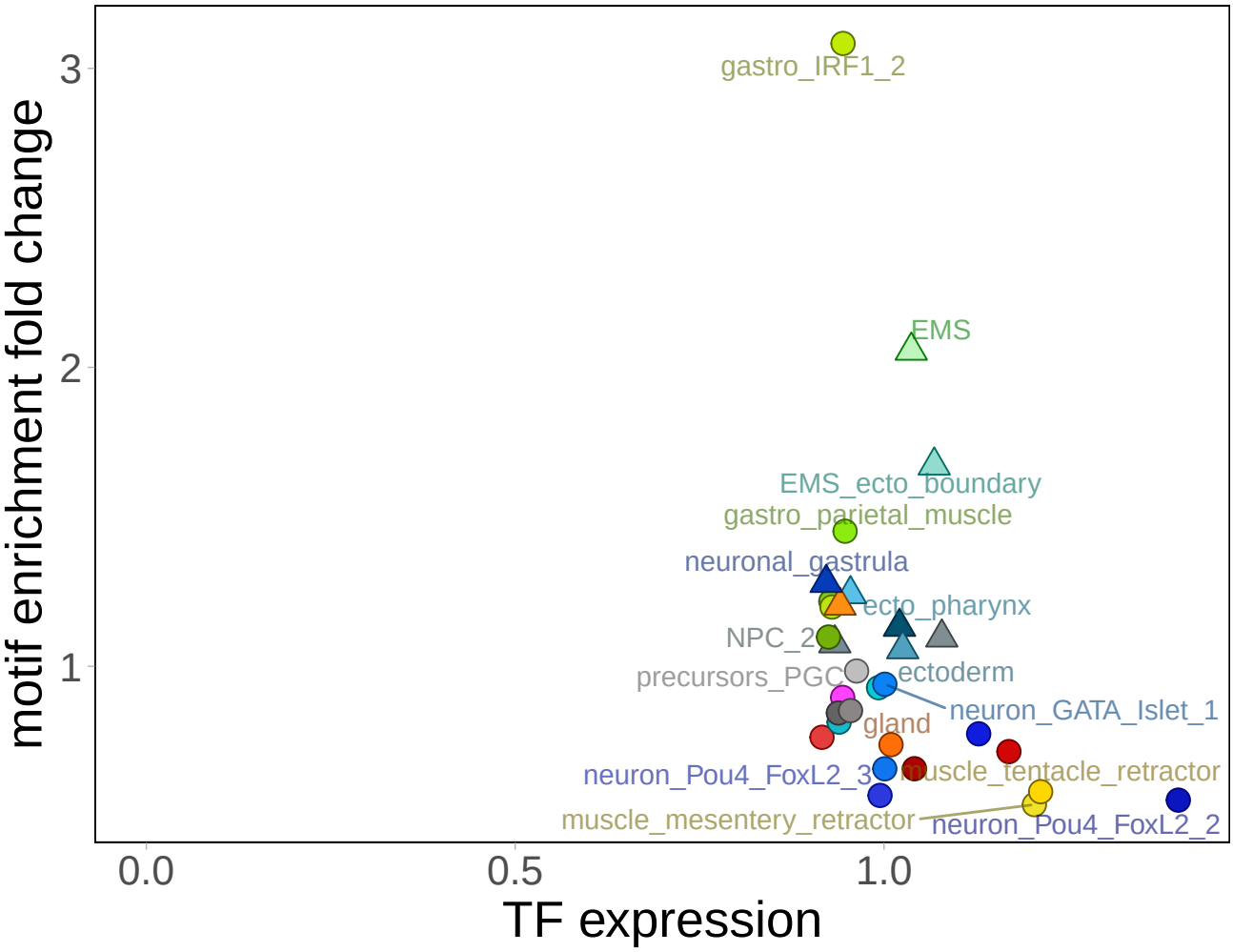
Nvec_vc1.1_XM_032371093.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH529_Rslcan18/Gm28557/Zf...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 136
gene expression correlation: −0.1625
gene score correlation: −0.1617



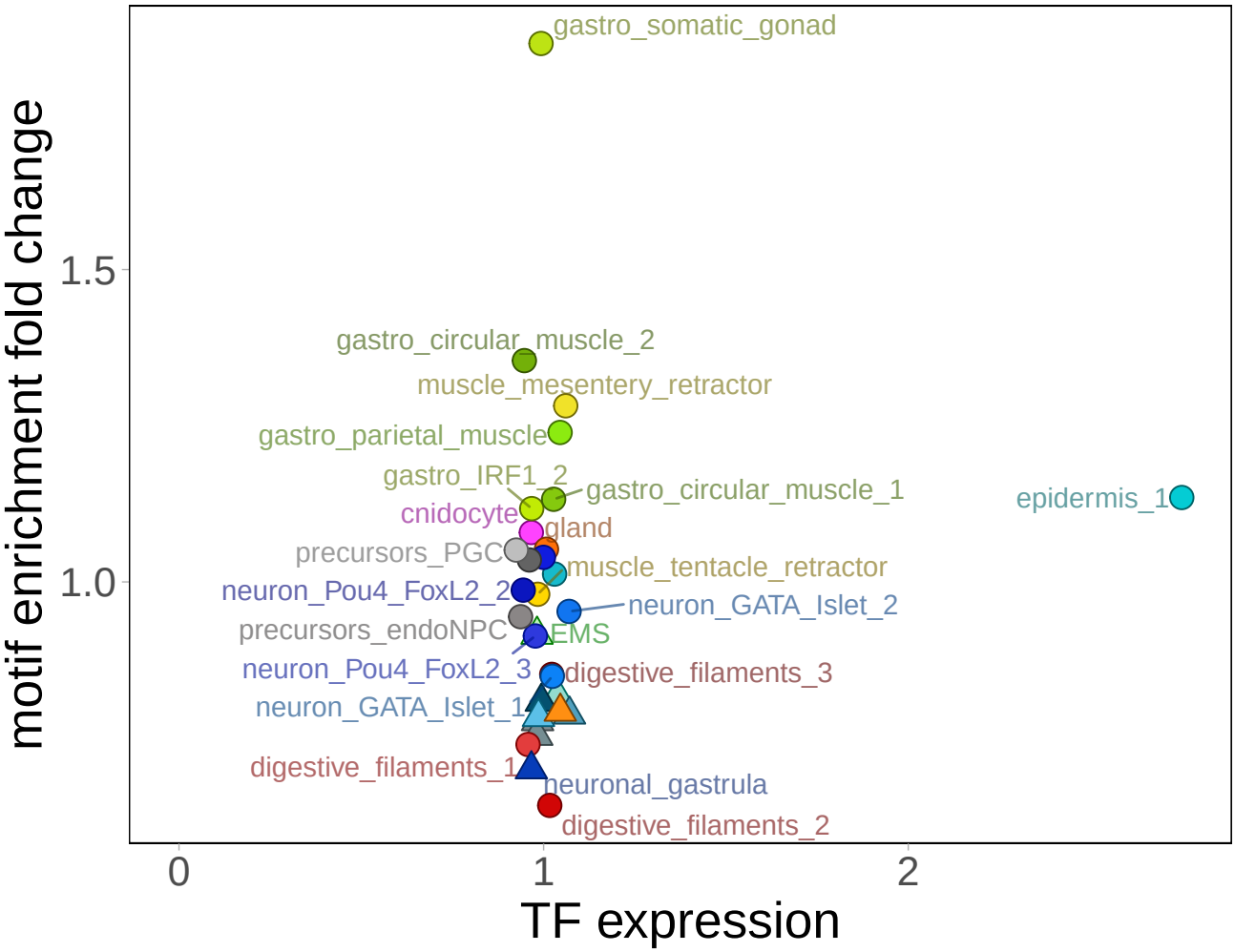
Nvec_vc1.1_XM_032371094.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH923_Zfp239//Zfp942/Zfp9...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 1080
gene expression correlation: 0.0304
gene score correlation: 0.0973



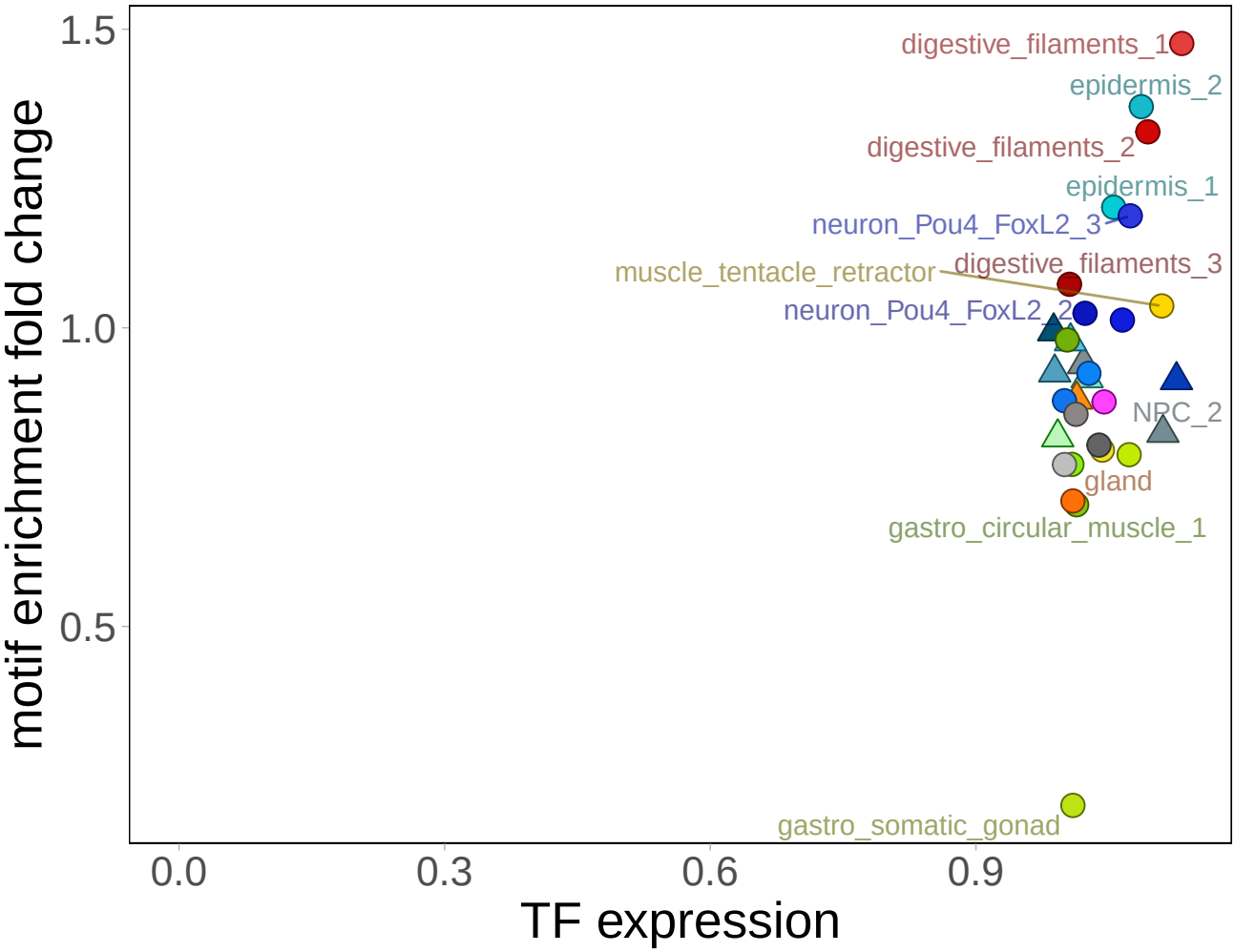
Nvec_vc1.1_XM_032371461.2
OG: zf−C4_Nuclear_receptors.HG1.4:AR/NR3
PFAM: zf−C4/Hormone_recep
motif: ARCH562_Hnf4g/Hnf4a_Nr2c1/N...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 23
gene expression correlation: −0.3336
gene score correlation: 0.2376



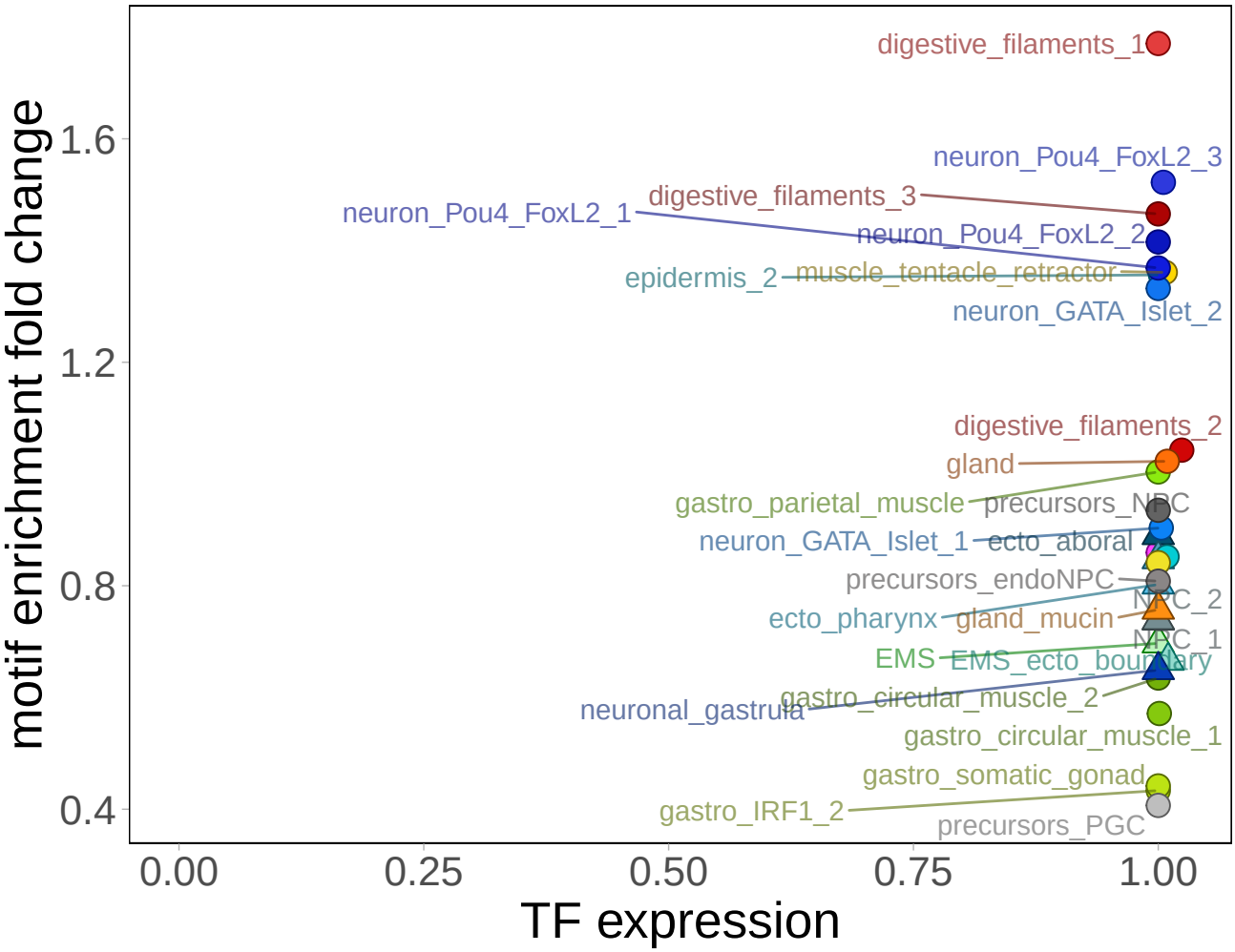
Nvec_vc1.1_XM_032371744.2
OG: Doublesex_DM.HG1.12:DMRTA1/DMRTA
PFAM: DM/DMA
motif: ARCH1073_Dmrt2_Dmrtc2_Six1/...
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 159
gene expression correlation: 0.1136
gene score correlation: 0.2464



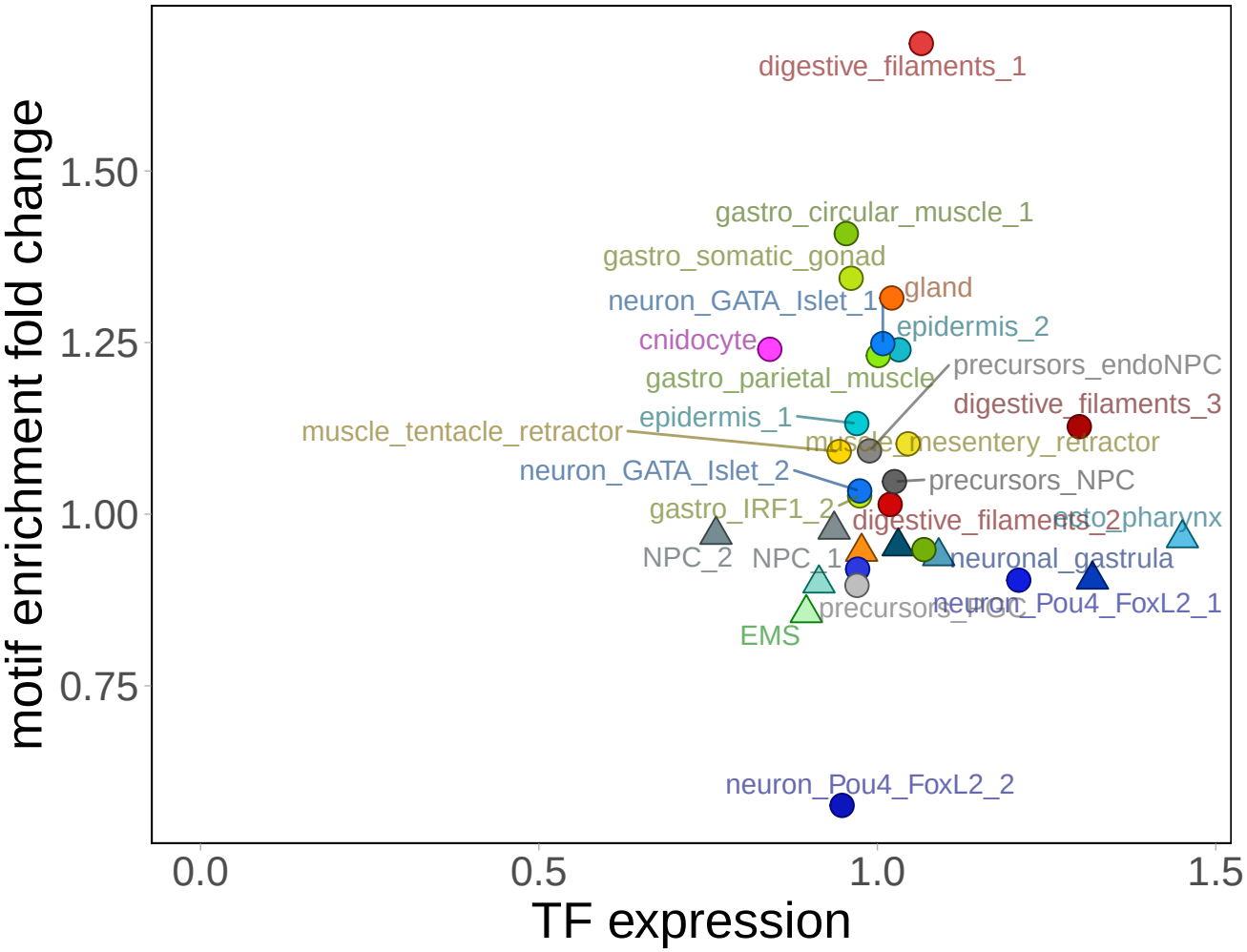
Nvec_vc1.1_XM_032371845.2
OG: zf−C2H2.HG1.212:like:AC008758.1/AC00
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1097_AT2G40260
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 115
gene expression correlation: 0.4881
gene score correlation: 0.1946



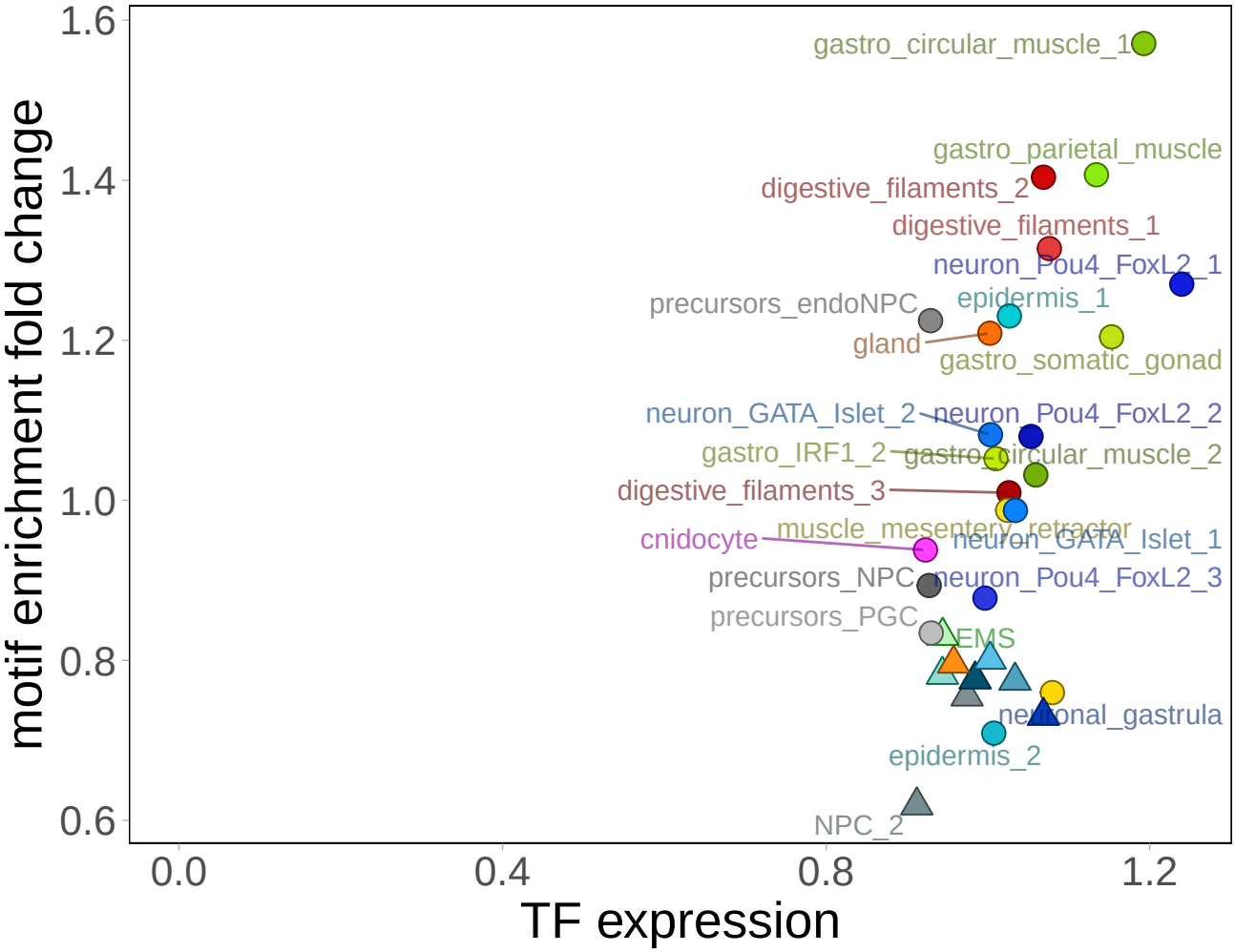
Nvec_vc1.1_XM_032371859.2
OG: Homeodomains.HG1.56:like:EN1/EN2
PFAM: Homeodomain
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 40
gene expression correlation: 0.1159
gene score correlation: 0.3986



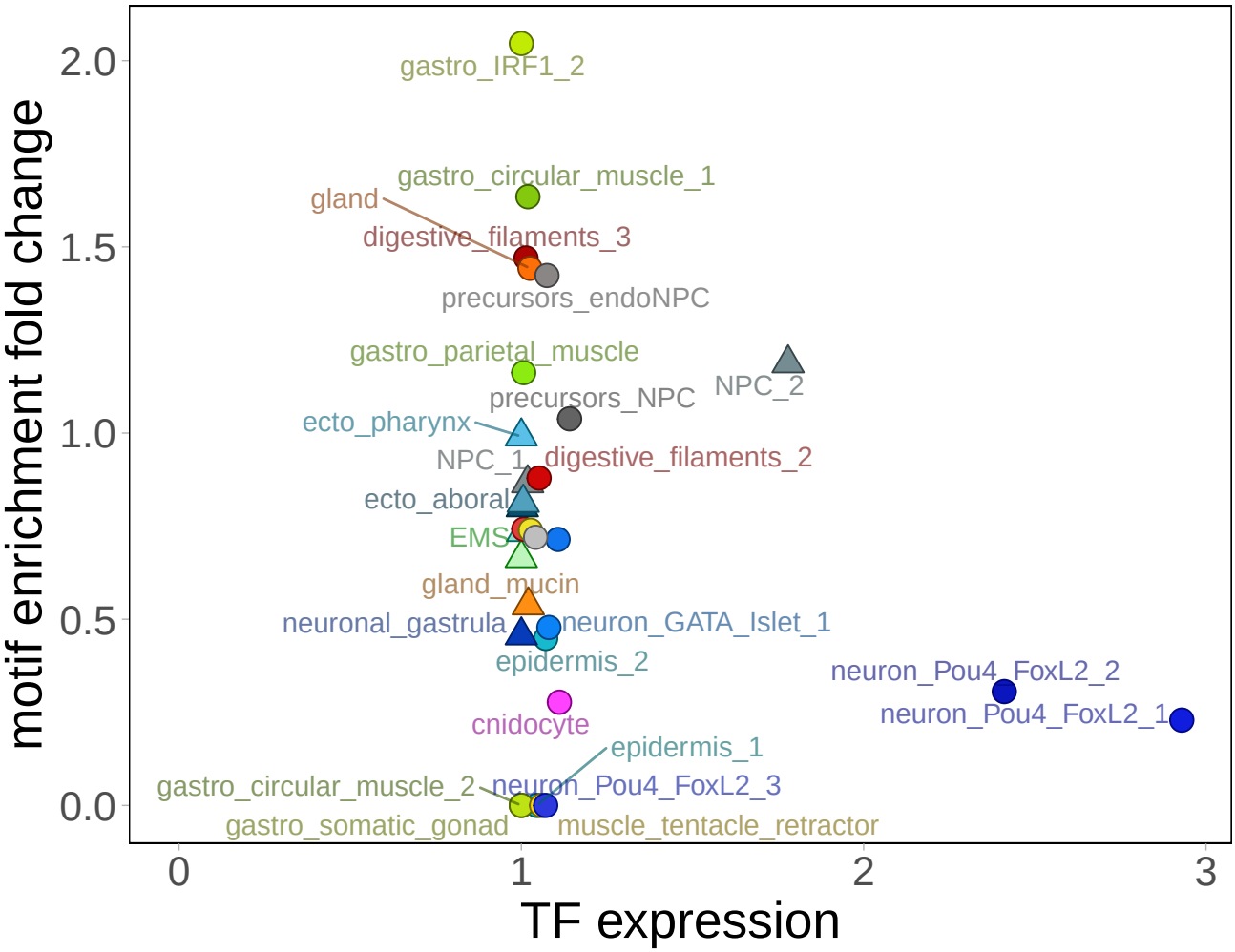
Nvec_vc1.1_XM_032371996.2
OG: HMGbox_Sox.HG1.53:LEF1/TCF7/TCF7L
PFAM: HMG_box
motif: ARCH1158_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 1
gene expression correlation: −0.0417
gene score correlation: 0.0964



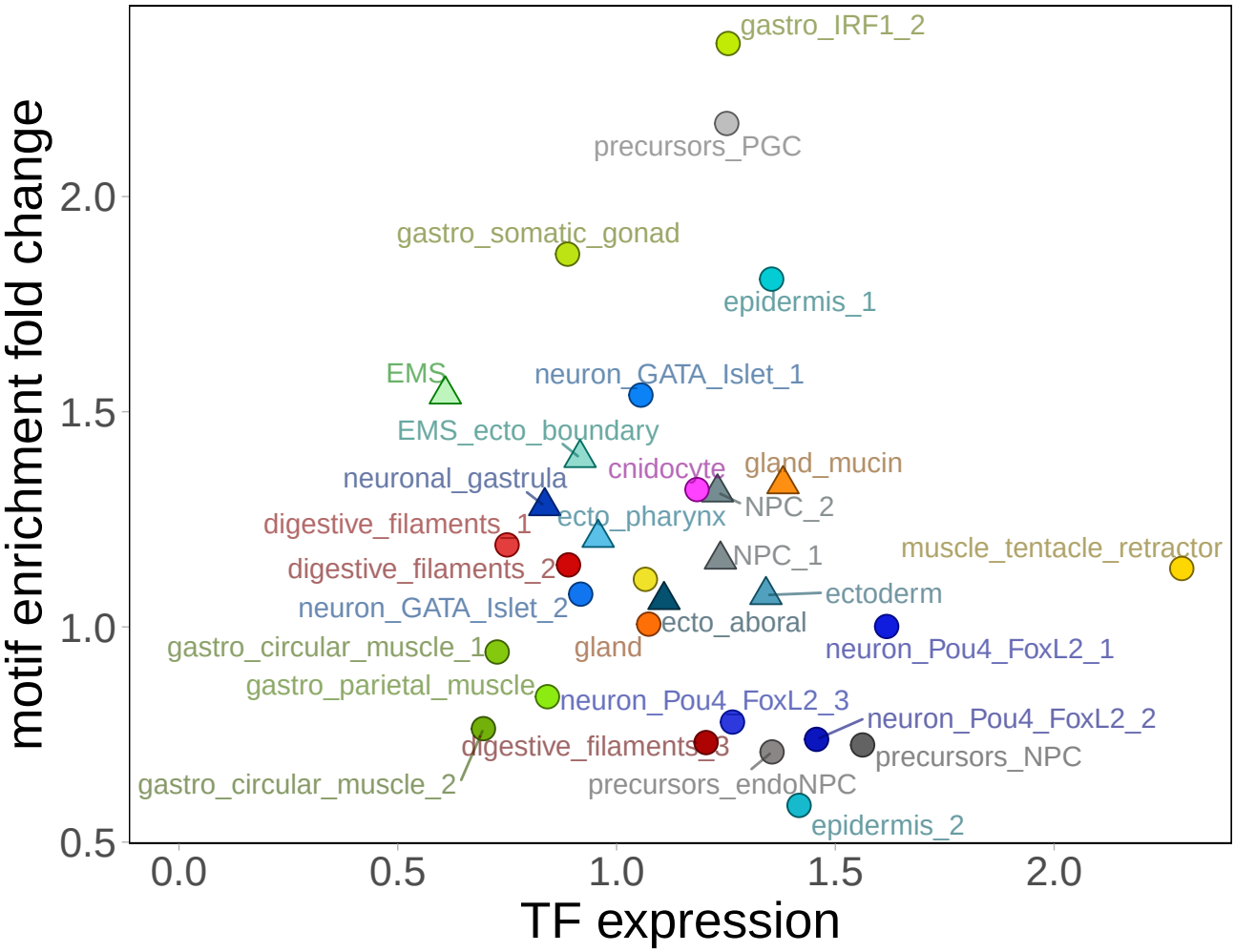
Nvec_vc1.1_XM_032372025.2
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARN
PFAM: HLH/PAS/PAS_11
motif: ARCH1068_bHLH122
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 581
gene expression correlation: 0.6237
gene score correlation: 0.2239



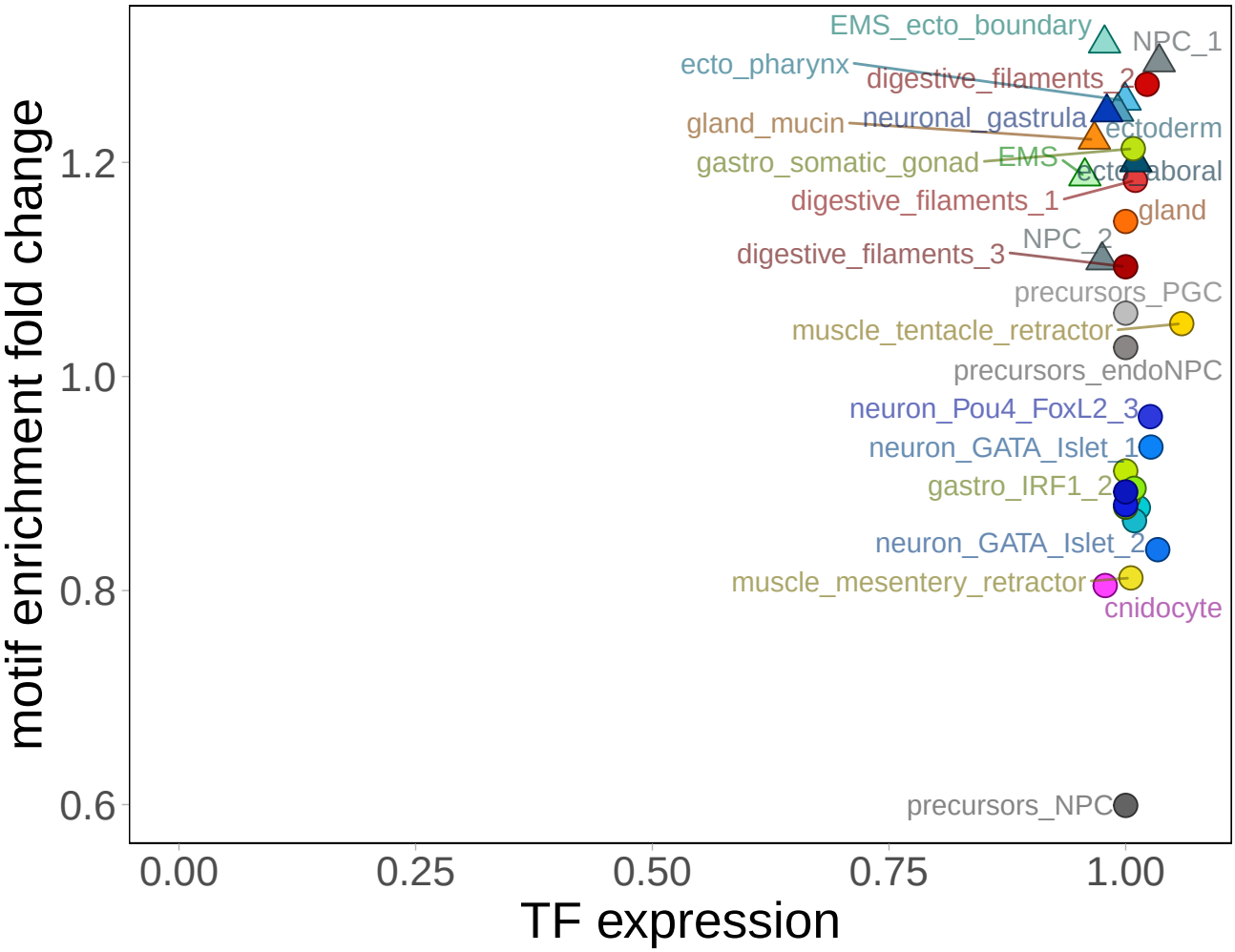
Nvec_vc1.1_XM_032372078.2
OG: zf−C4_Nuclear_receptors.HG1.34:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH1705_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 1357
gene expression correlation: −0.1930
gene score correlation: −0.0254



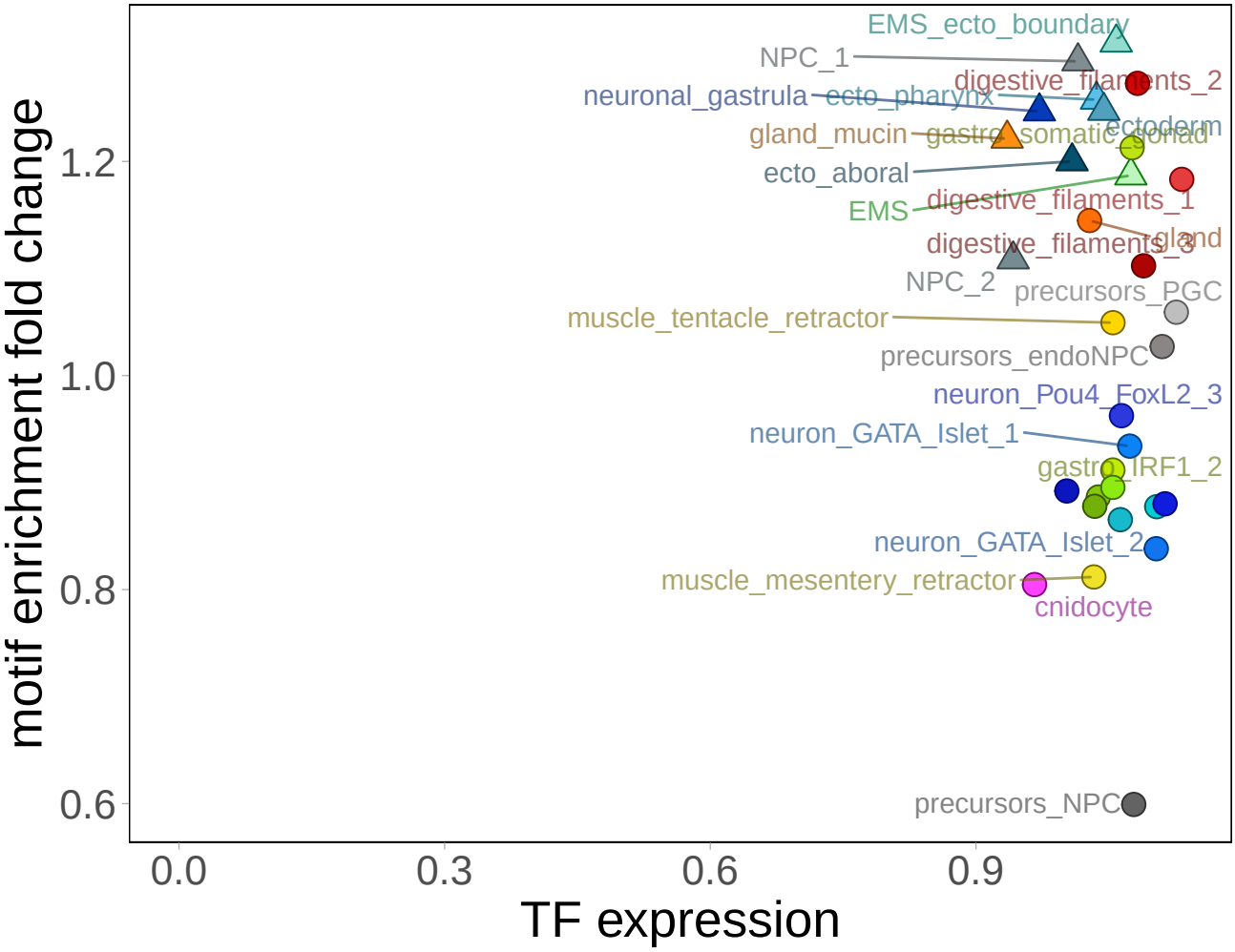
Nvec_vc1.1_XM_032372114.2
OG: bZIP.HG1.8:ATF4/ATF5
PFAM: bZIP_1
motif: ARCH1605_Atf4/Atf5
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 123
gene expression correlation: −0.1047
gene score correlation: −0.0517



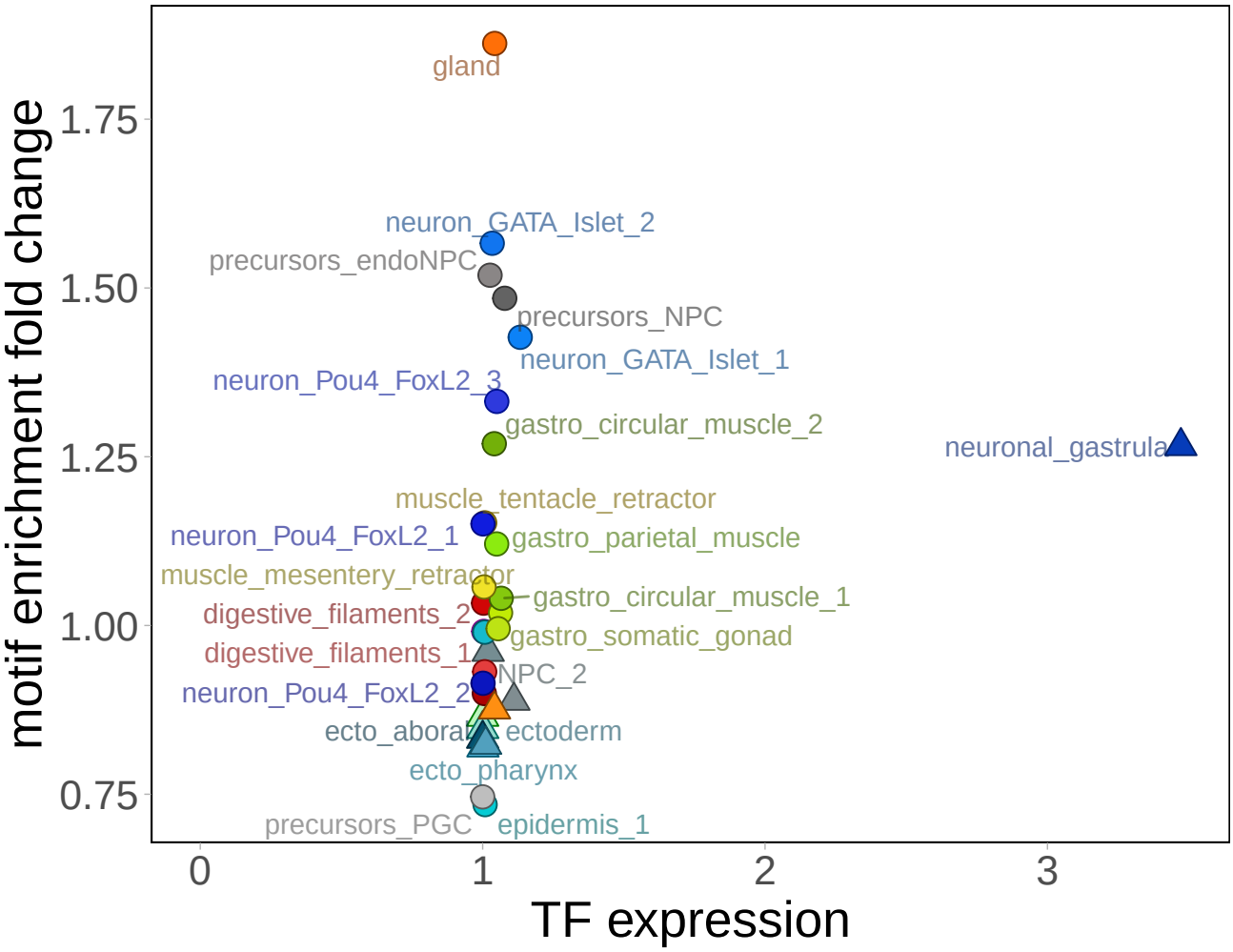
Nvec_vc1.1_XM_032372258.2
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH604_YER051W
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 6
gene expression correlation: −0.1707
gene score correlation: −0.0930



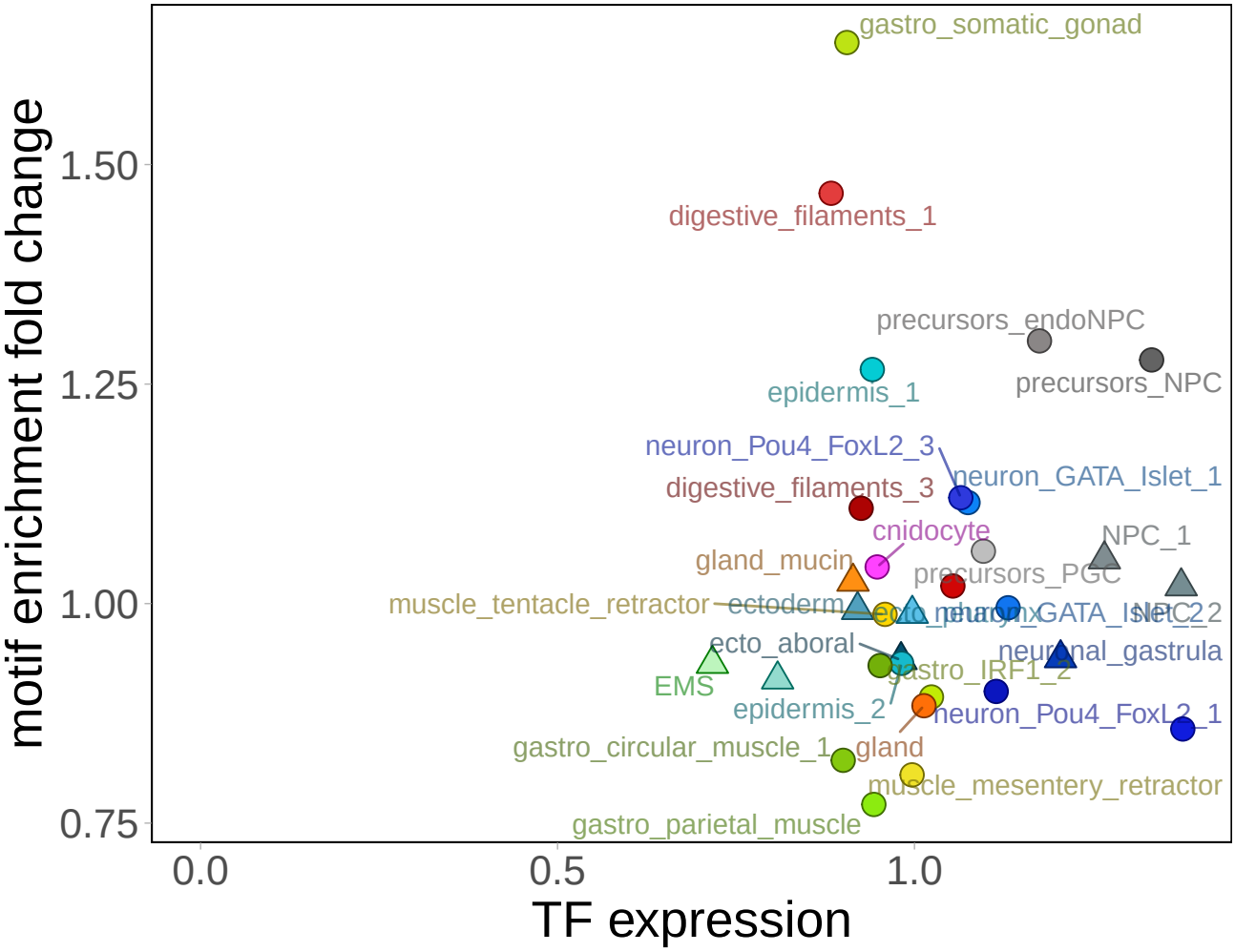
Nvec_vc1.1_XM_032372575.2
OG: Myb.HG2.2:NA
PFAM: MADF_DNA_bdg
motif: ARCH604_YER051W
TF family: Myb
archetype family:
CisBP assigned: FALSE
rank: 696
gene expression correlation: −0.1700
gene score correlation: 0.0083



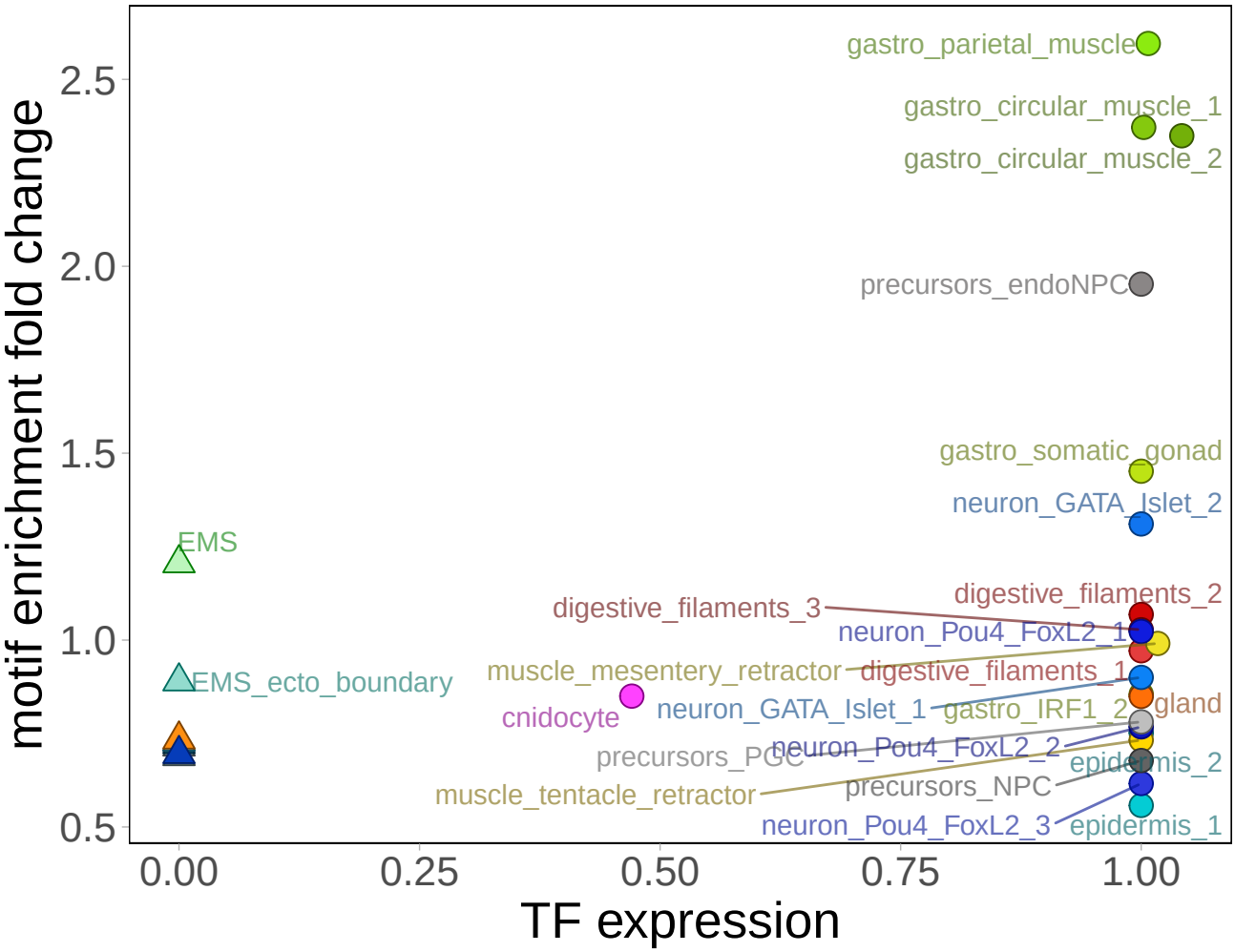
Nvec_vc1.1_XM_032372717.2
OG: GCM.HG1.0:GCM1/GCM2
PFAM: GCM
motif: ARCH477_Ptf1a
TF family: GCM
archetype family:
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.1609
gene score correlation: 0.3941



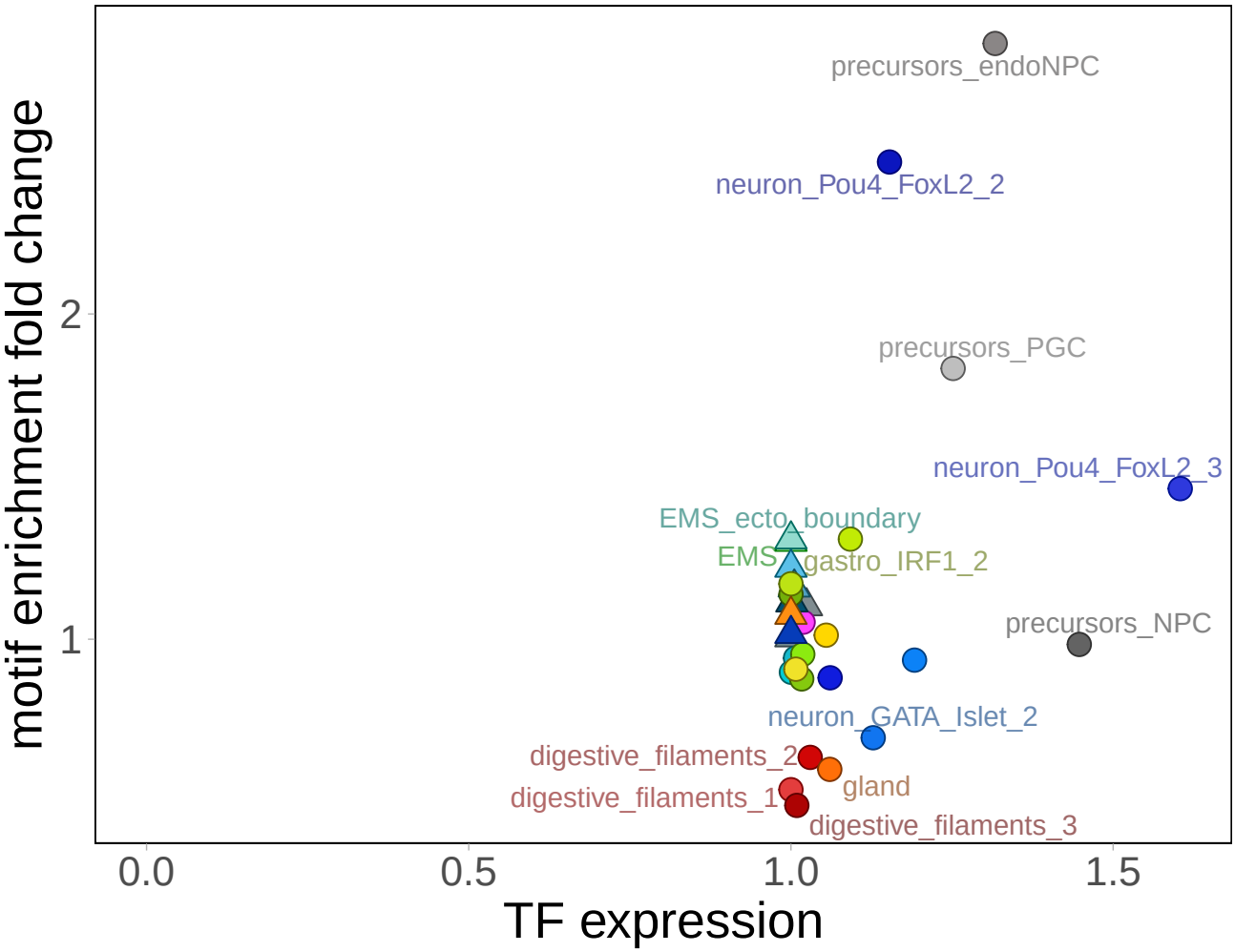
Nvec_vc1.1_XM_032372883.2
OG: Myb.HG1.10:RCOR1/RCOR2/RCOR3
PFAM: ELM2/Myb_DNA−binding
motif: ARCH153_Msantd2_Rcor1/Rcor2...
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 791
gene expression correlation: 0.0070
gene score correlation: −0.0033



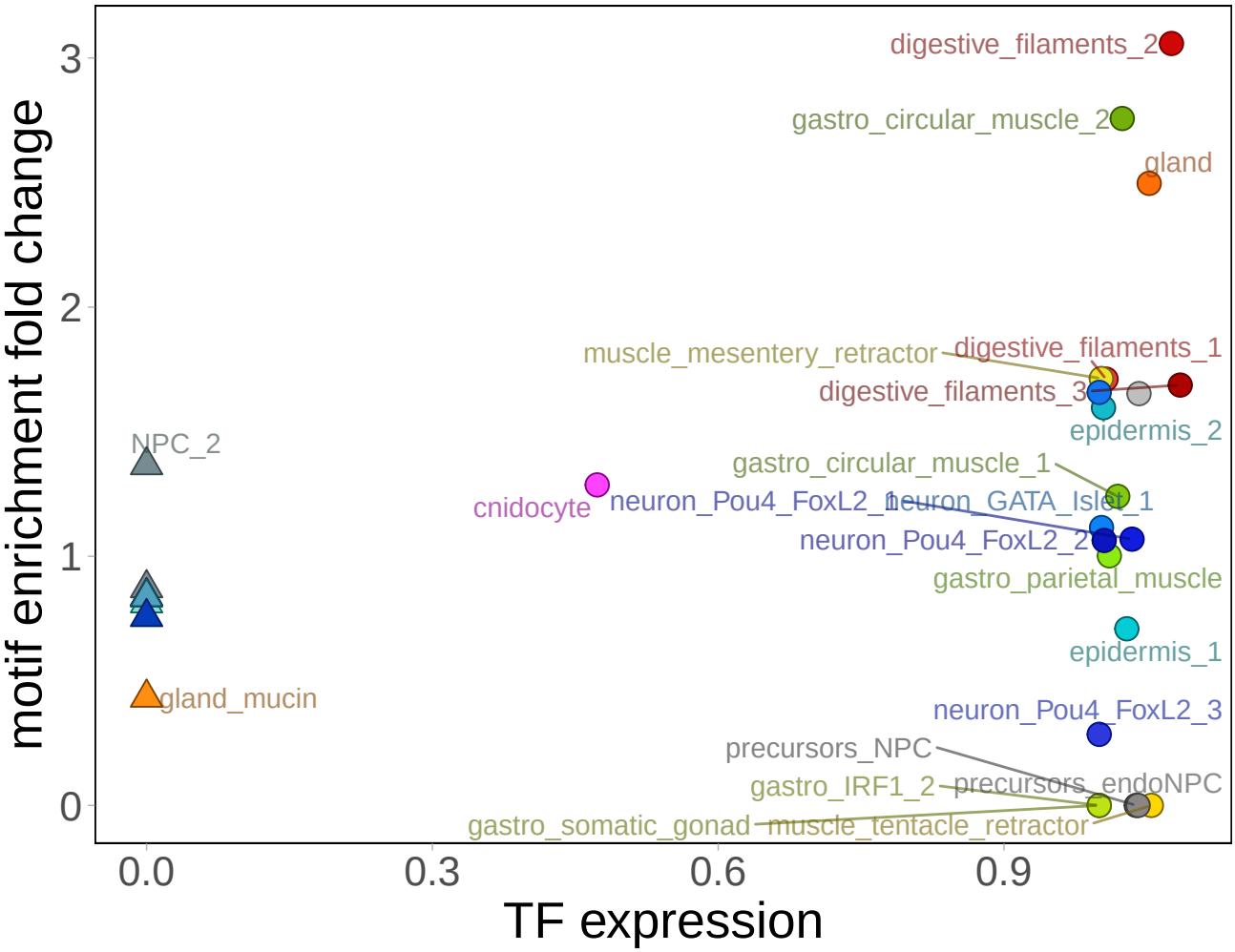
Nvec_vc1.1_XM_032372904.2
OG: Homeodomains.HG1.27:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.3365
gene score correlation: 0.7410



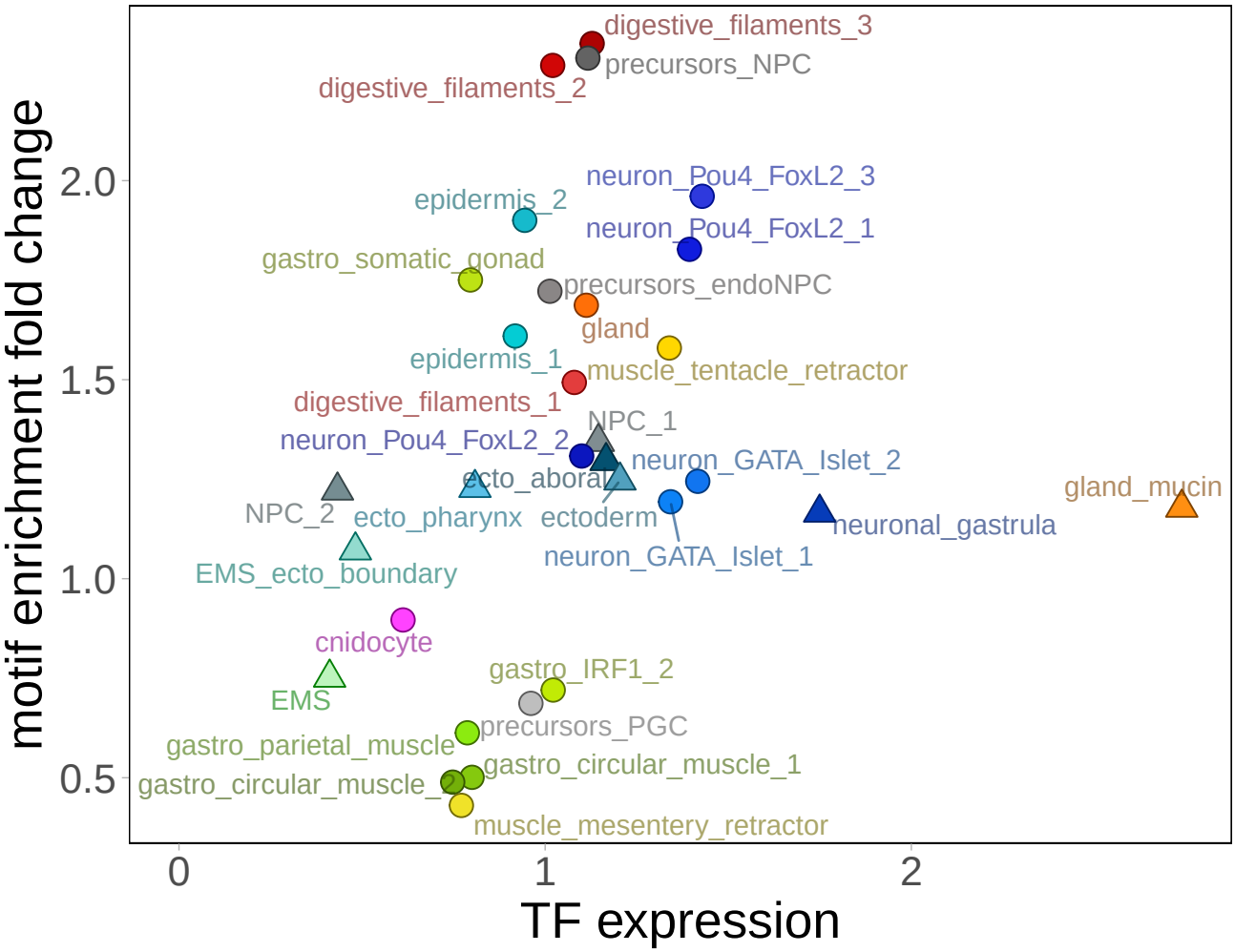
Nvec_vc1.1_XM_032373020.2
OG: zf−C2H2.HG23.0:ZNF34
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1269_Runx3/Runx2/Runx1
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4235
gene score correlation: 0.1518



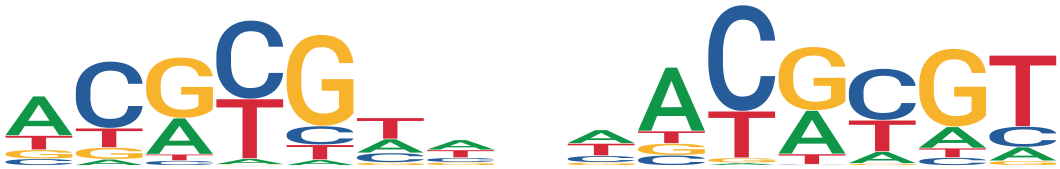
Nvec_vc1.1_XM_032373062.2
OG: HMGbox_Sox.HG1.14:like:SOX1/SOX2/S
PFAM: HMG_box
motif: ARCH142_/Sox4/Sox11_Sox13/S...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 72
gene expression correlation: 0.2051
gene score correlation: 0.3357

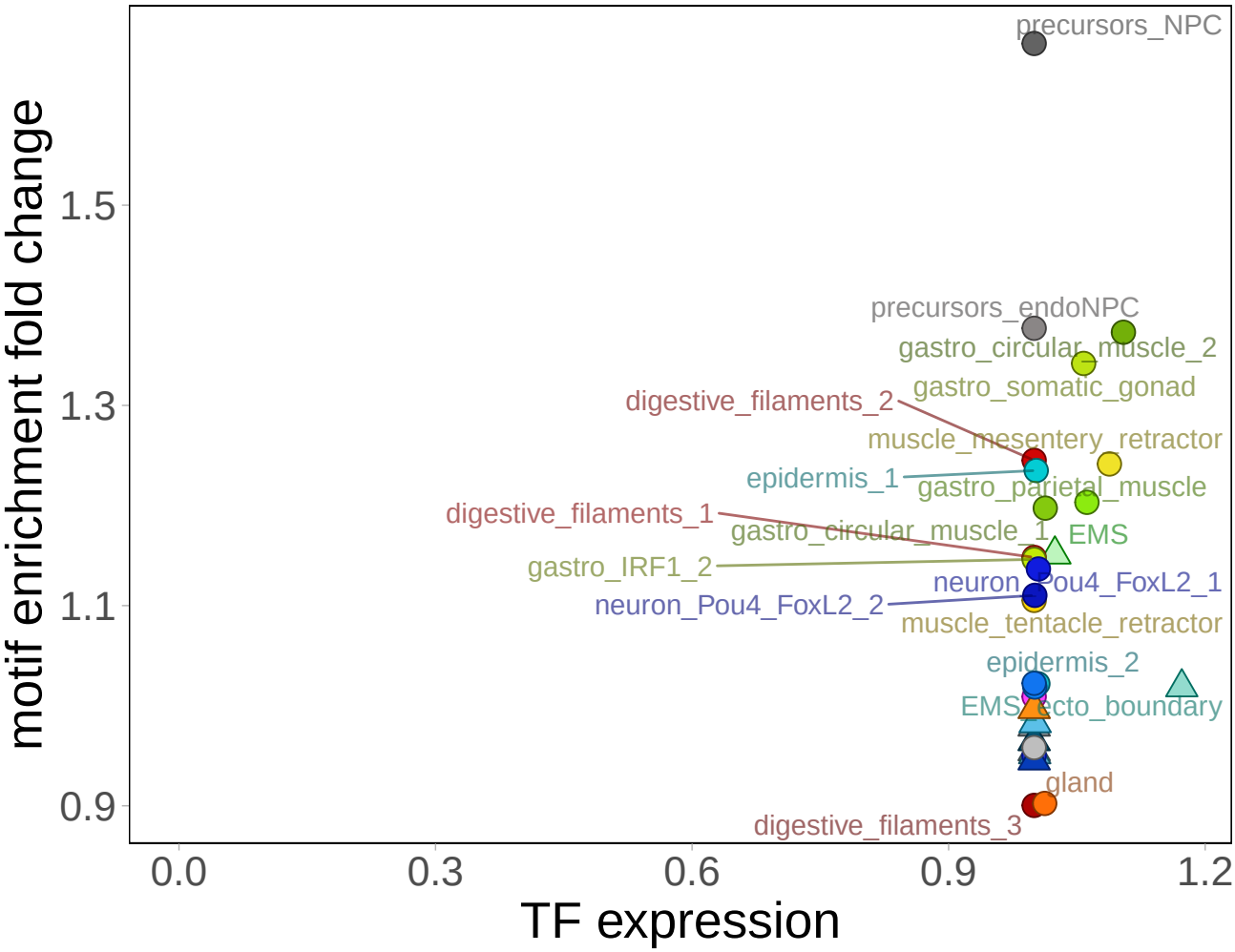


Nvec_vc1.1_XM_032373099.2
OG: Homeodomains.HG4.10:POU3F1/POU3F
PFAM: Pou/Homeodomain
motif: ARCH66_Barx2/Barx1_Dlx4/Dlx...
TF family: Pou/Homeodomain
archetype family: Pou/Homeodomain
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.2441
gene score correlation: 0.7755

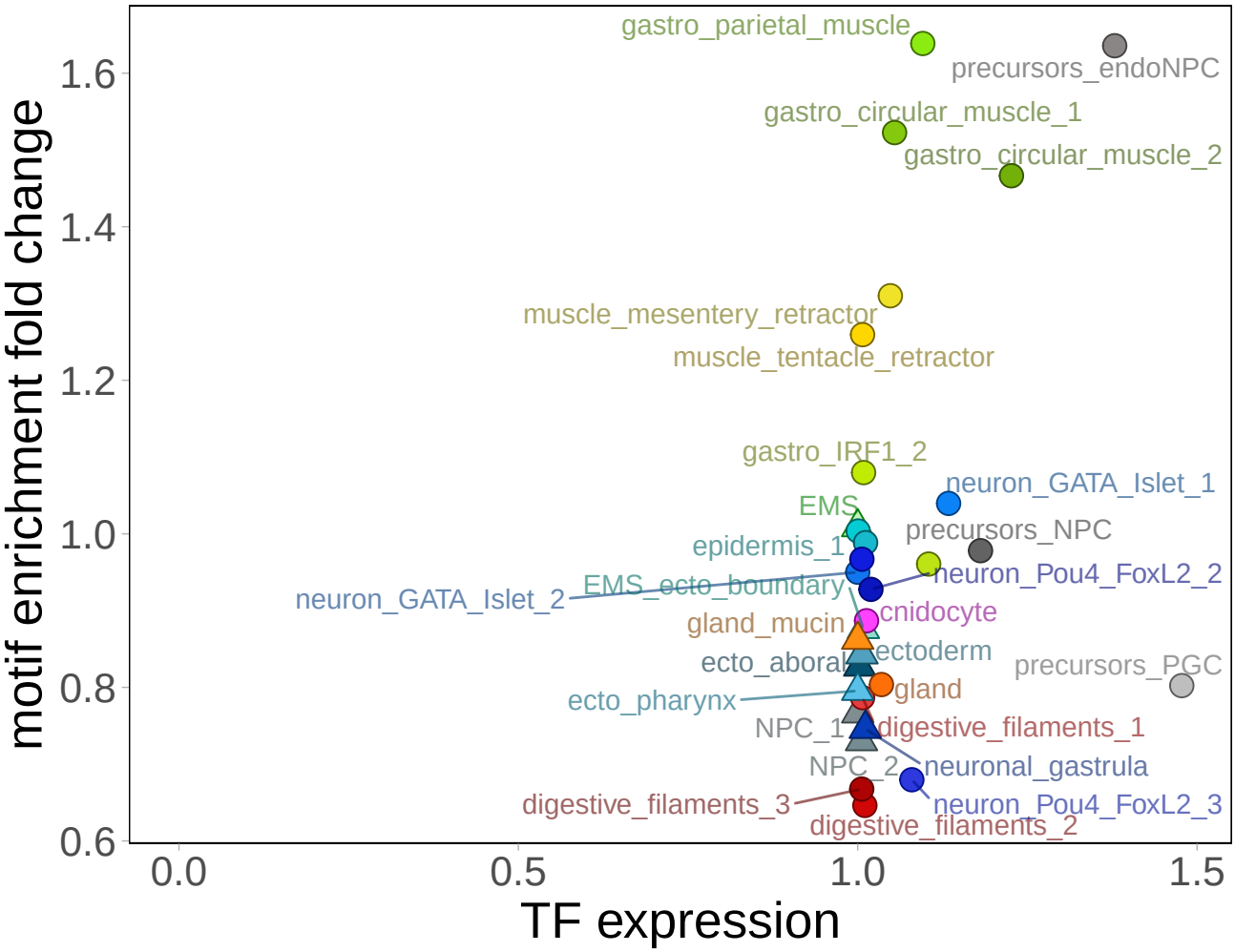


Nvec_vc1.1_XM_032373496.2
OG: Homeodomains.HG1.64:MEOX1/MEOX2
PFAM: Homeodomain
motif: ARCH782_Irx6
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 40
gene expression correlation: 0.2179
gene score correlation: 0.4139

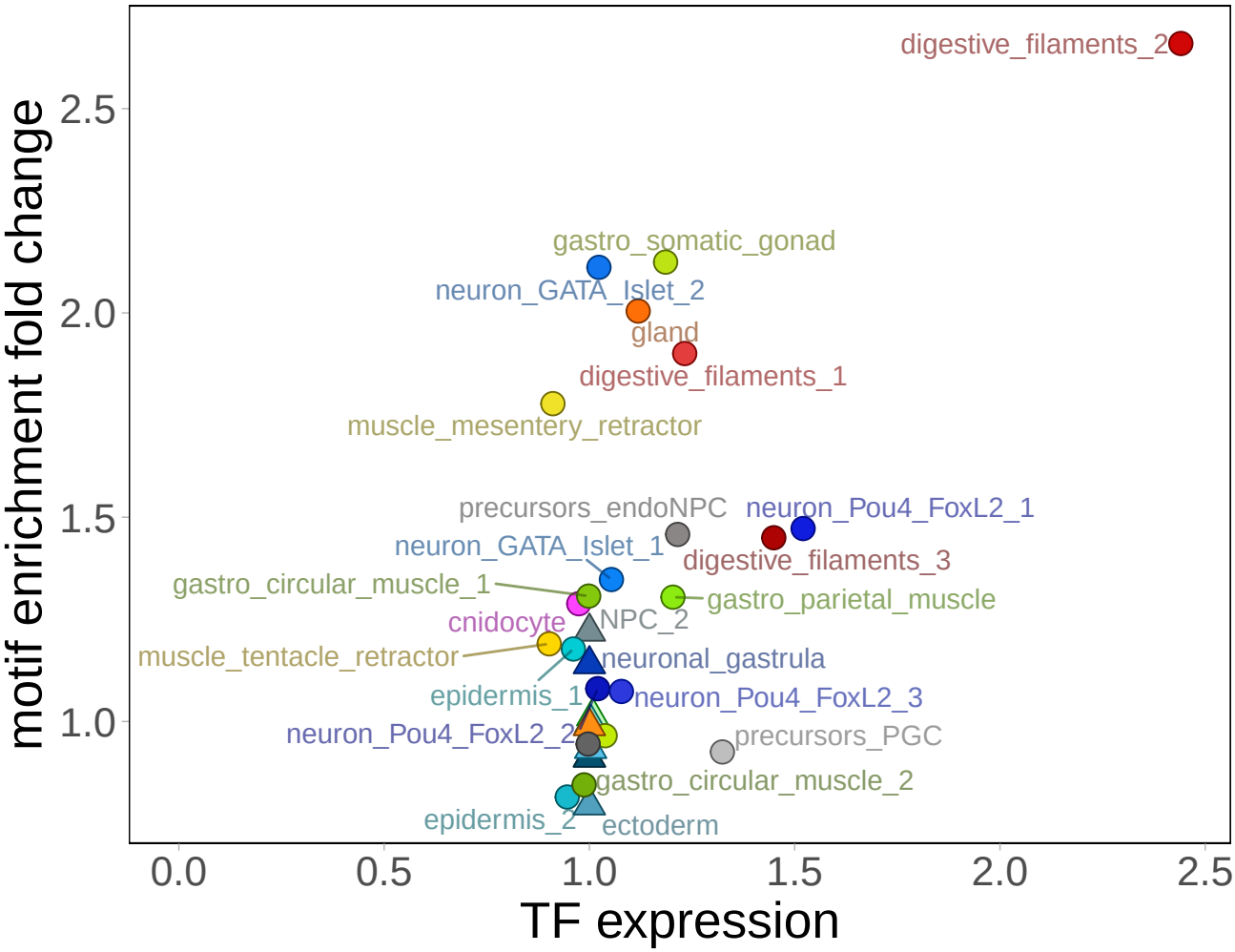




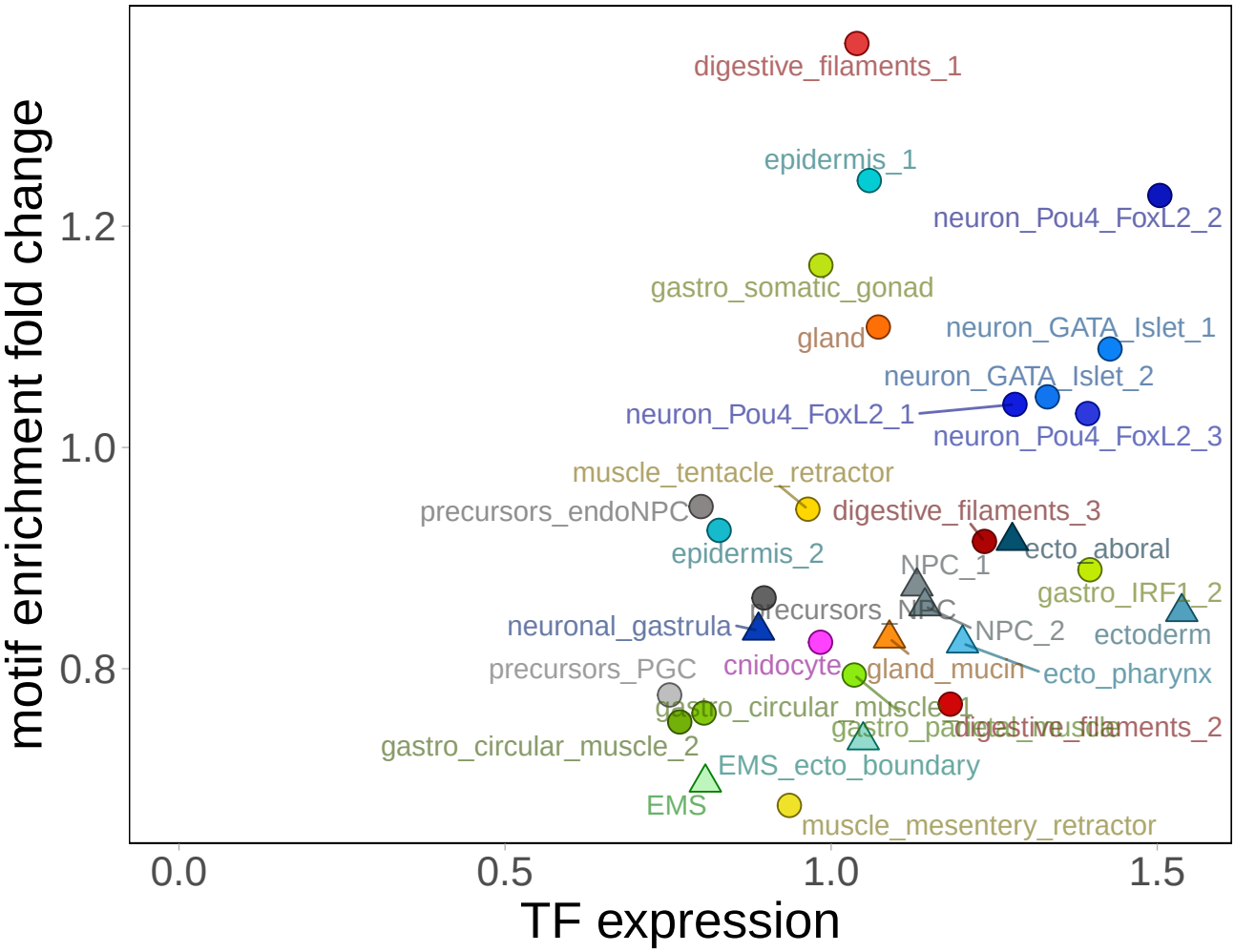
Nvec_vc1.1_XM_032373497.2
OG: Homeodomains.HG1.63:like:MEOX1/MEO
PFAM: Homeodomain
motif: ARCH637_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.3636
gene score correlation: 0.5999



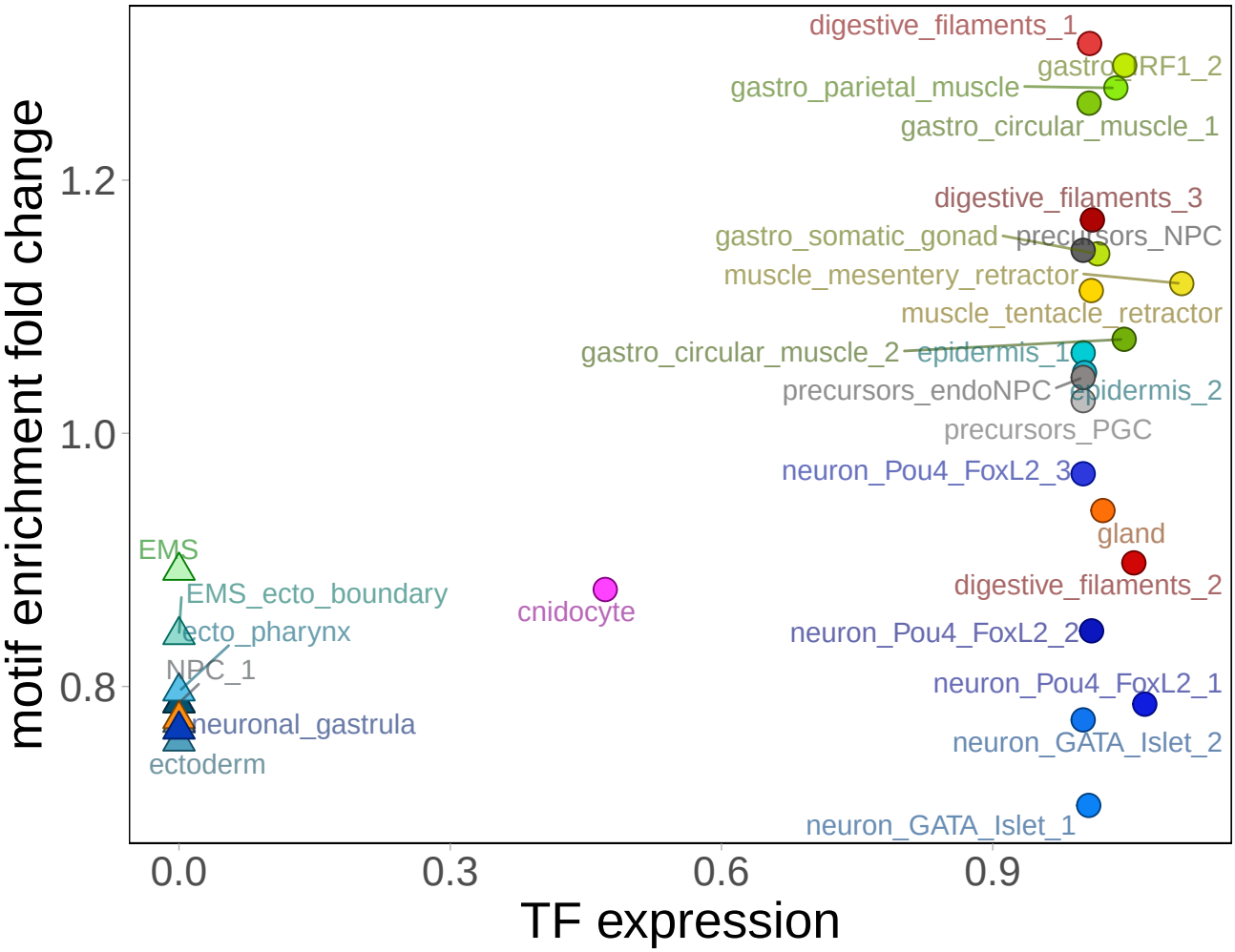
Nvec_vc1.1_XM_032373617.2
OG: Homeodomains.HG1.19:NKX2−1/NKX2−2
PFAM: Homeodomain
motif: ARCH1504_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.6132
gene score correlation: 0.6688



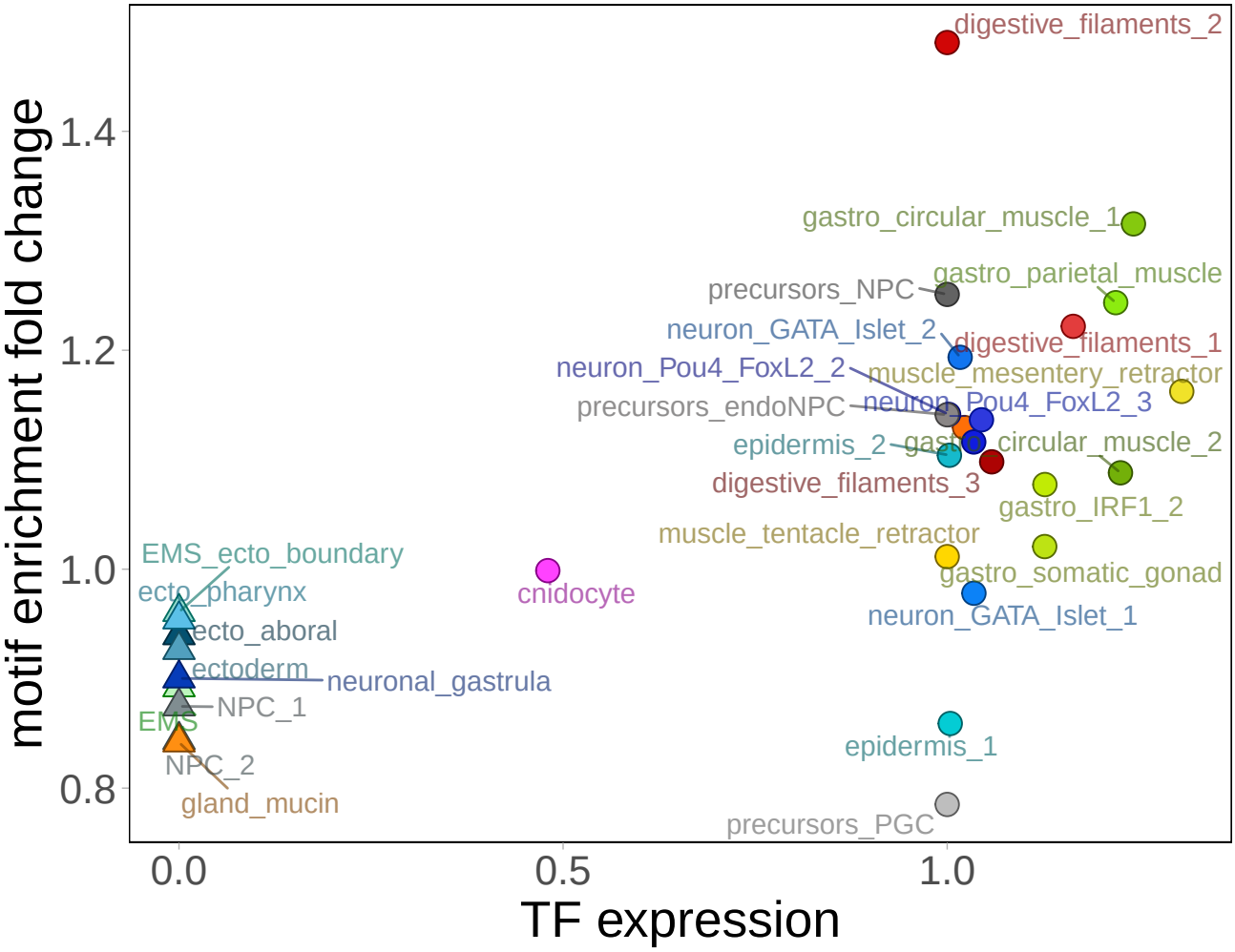
Nvec_vc1.1_XM_032373624.2
OG: bZIP.HG1.2:BACH1/BACH2/NFE2/NFE2L
PFAM: bZIP_Maf
motif: ARCH1230_gt
TF family: bZIP
archetype family:
CisBP assigned: FALSE
rank: 519
gene expression correlation: 0.3703
gene score correlation: 0.2359



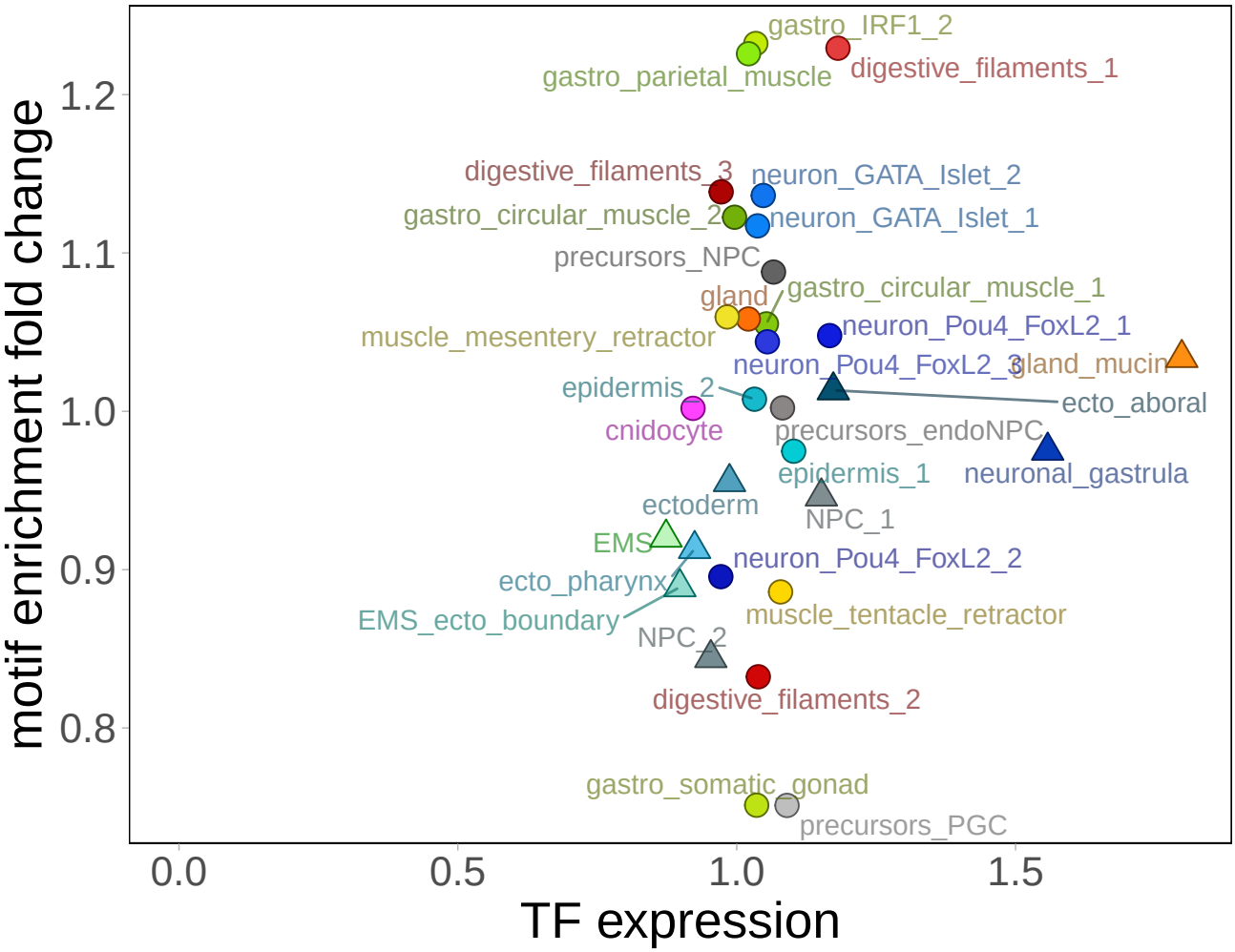
Nvec_vc1.1_XM_032373800.2
OG: zf−C2H2.HG1.38:like:AC008758.1/AC008
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1494_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 240
gene expression correlation: 0.6261
gene score correlation: 0.3660



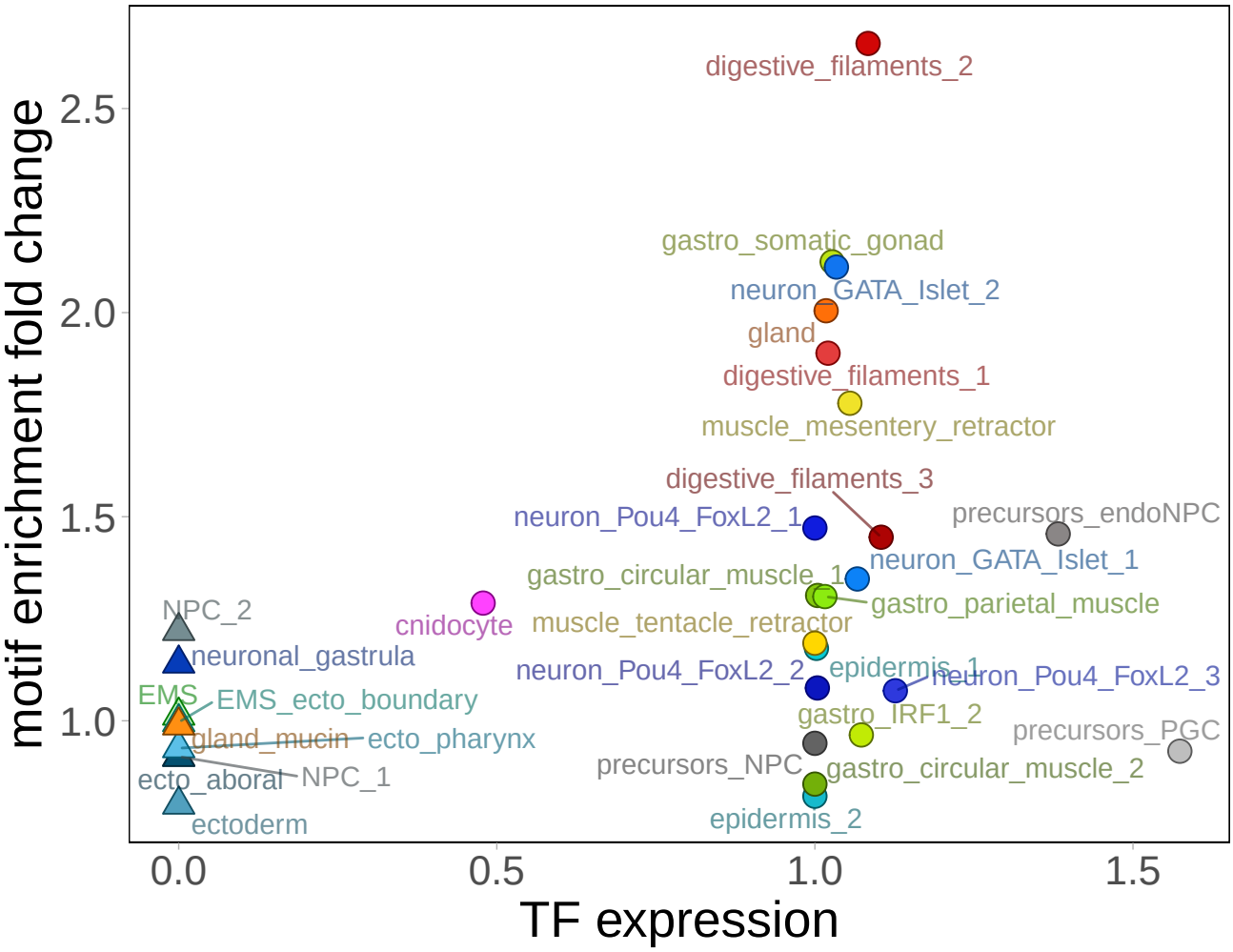
Nvec_vc1.1_XM_032374008.2
OG: HLH.HG1.92:like:SCX/TCF15
PFAM: HLH
motif: ARCH1118_PL0012.1_hlh−2::hlh−8
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 261
gene expression correlation: 0.6506
gene score correlation: 0.3226



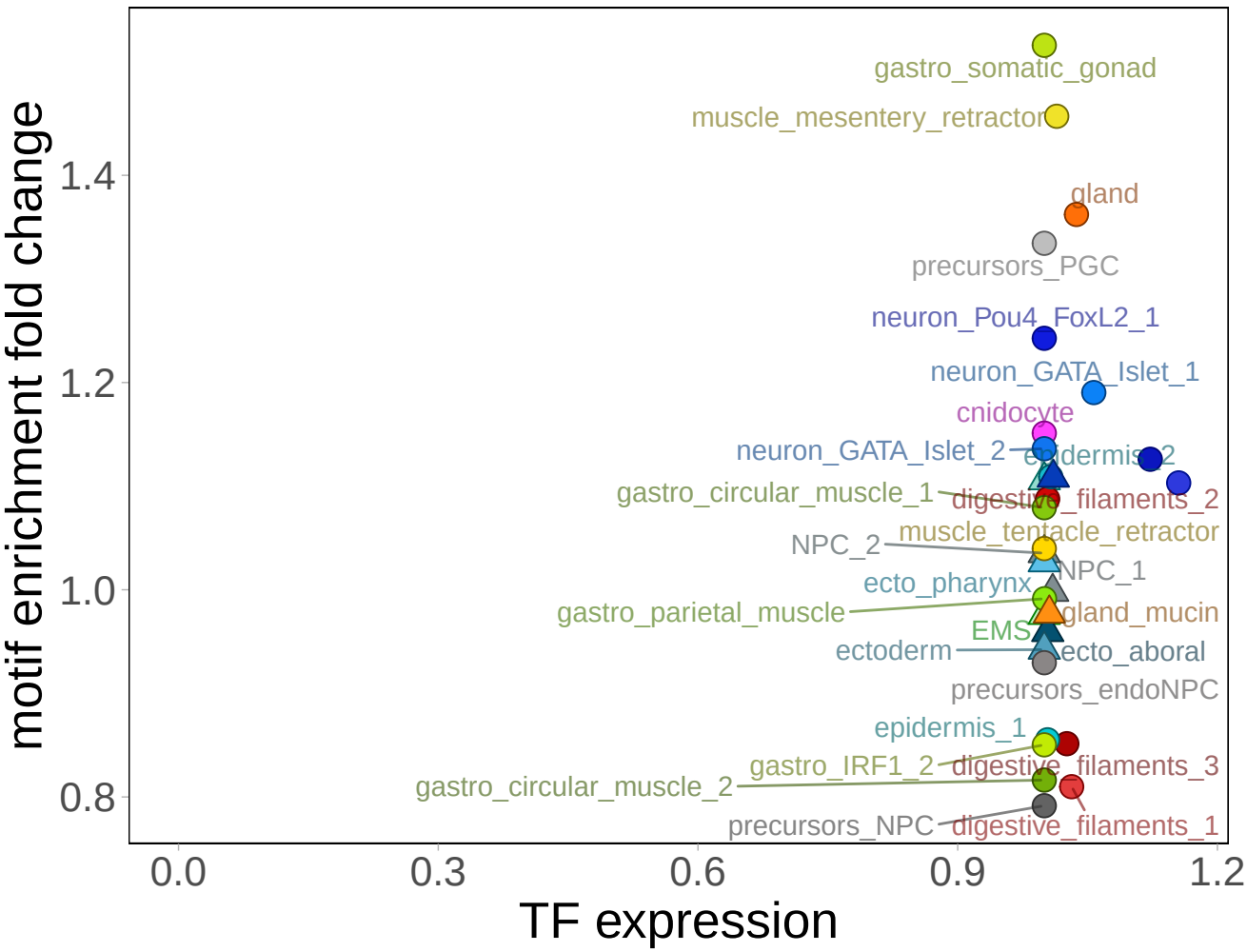
Nvec_vc1.1_XM_032374041.2
OG: Homeodomains.HG2.9:LHX6/LHX8/ZFHX
PFAM: LIM/LIM/Homeodomain
motif: ARCH86_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 35
gene expression correlation: 0.0962
gene score correlation: 0.2223



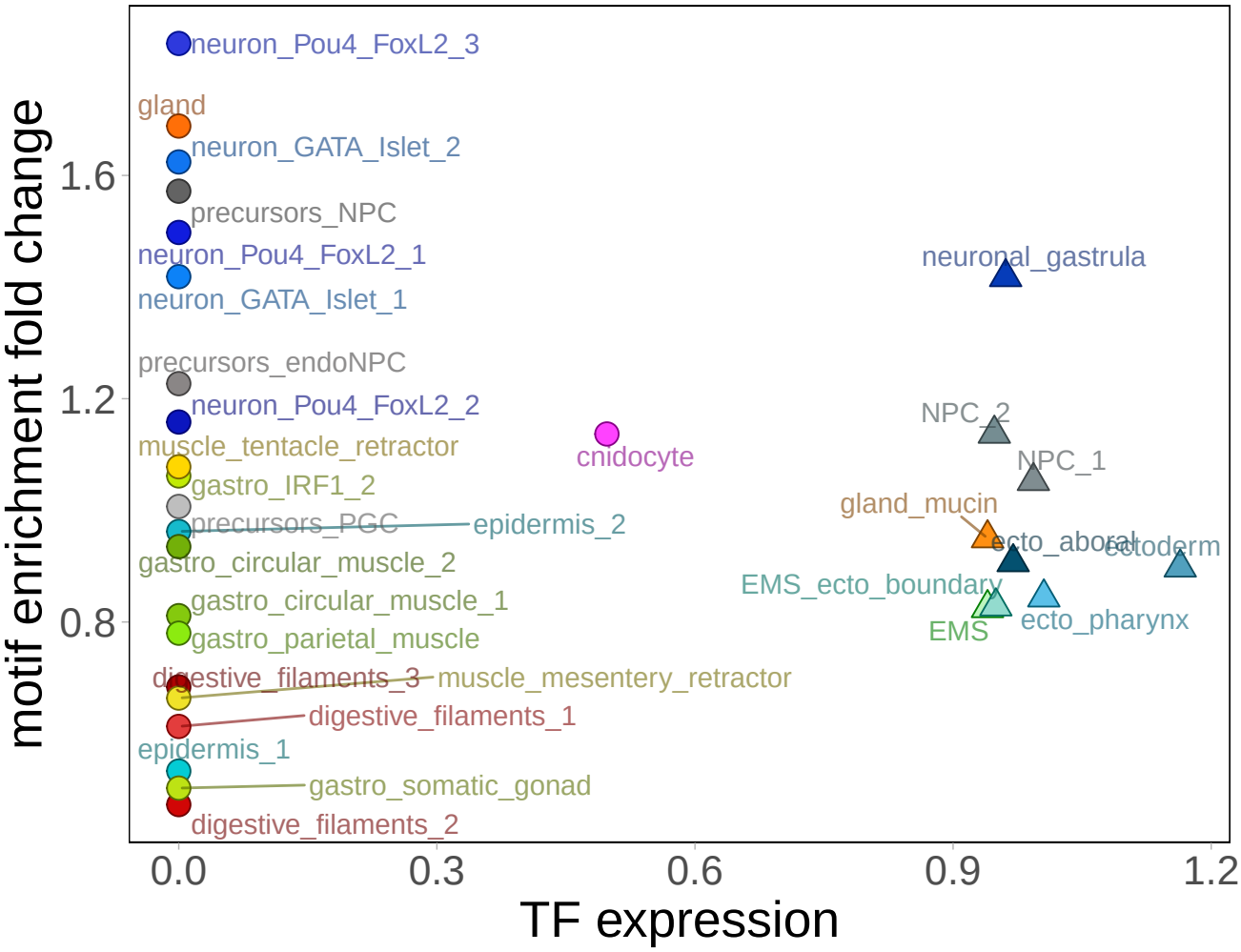
Nvec_vc1.1_XM_032374853.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH1504_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 12
gene expression correlation: 0.3974
gene score correlation: 0.5685



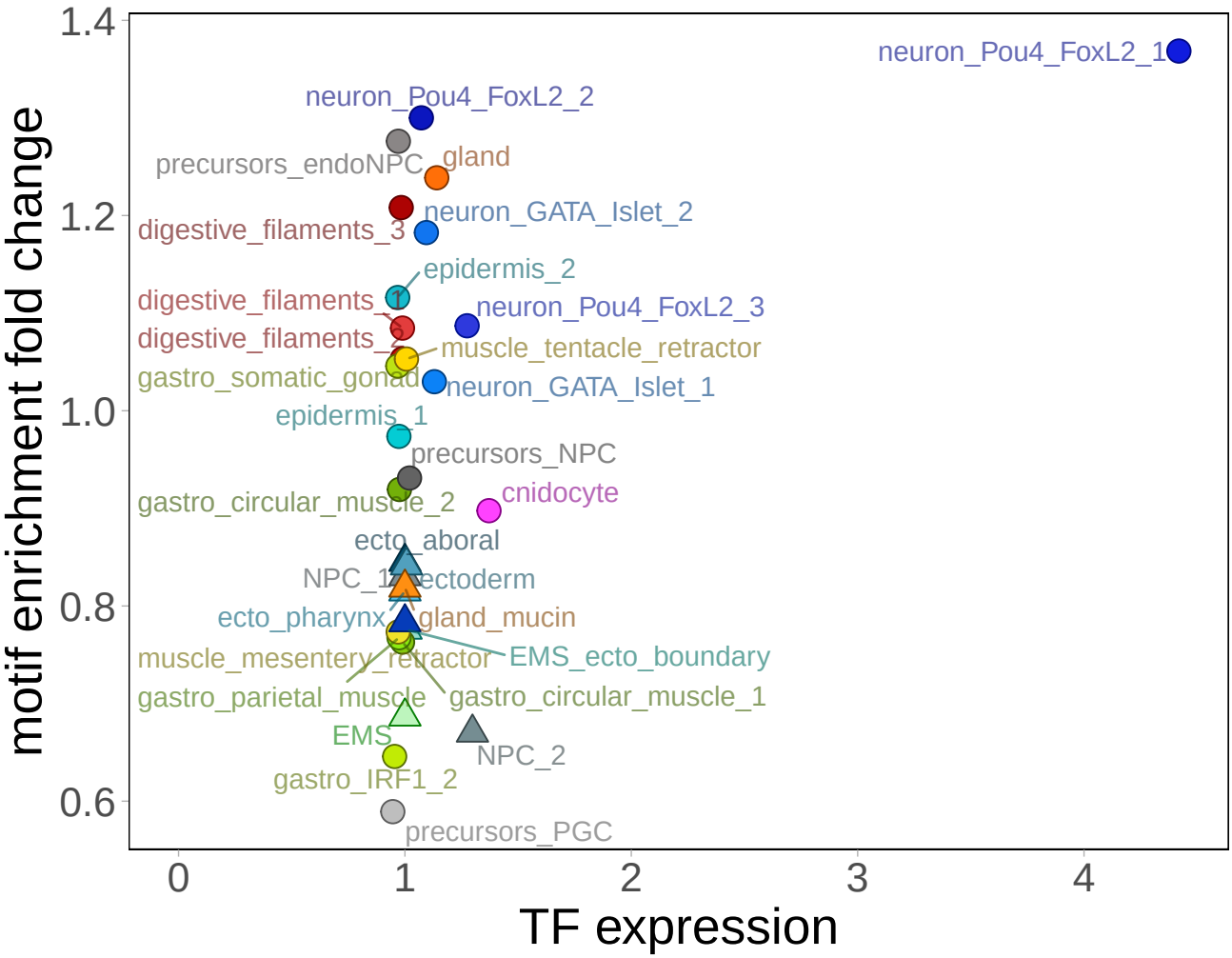
Nvec_vc1.1_XM_032374864.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH159_Barx2/Barx1_Emx1/Em...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 12
gene expression correlation: 0.1162
gene score correlation: 0.2611



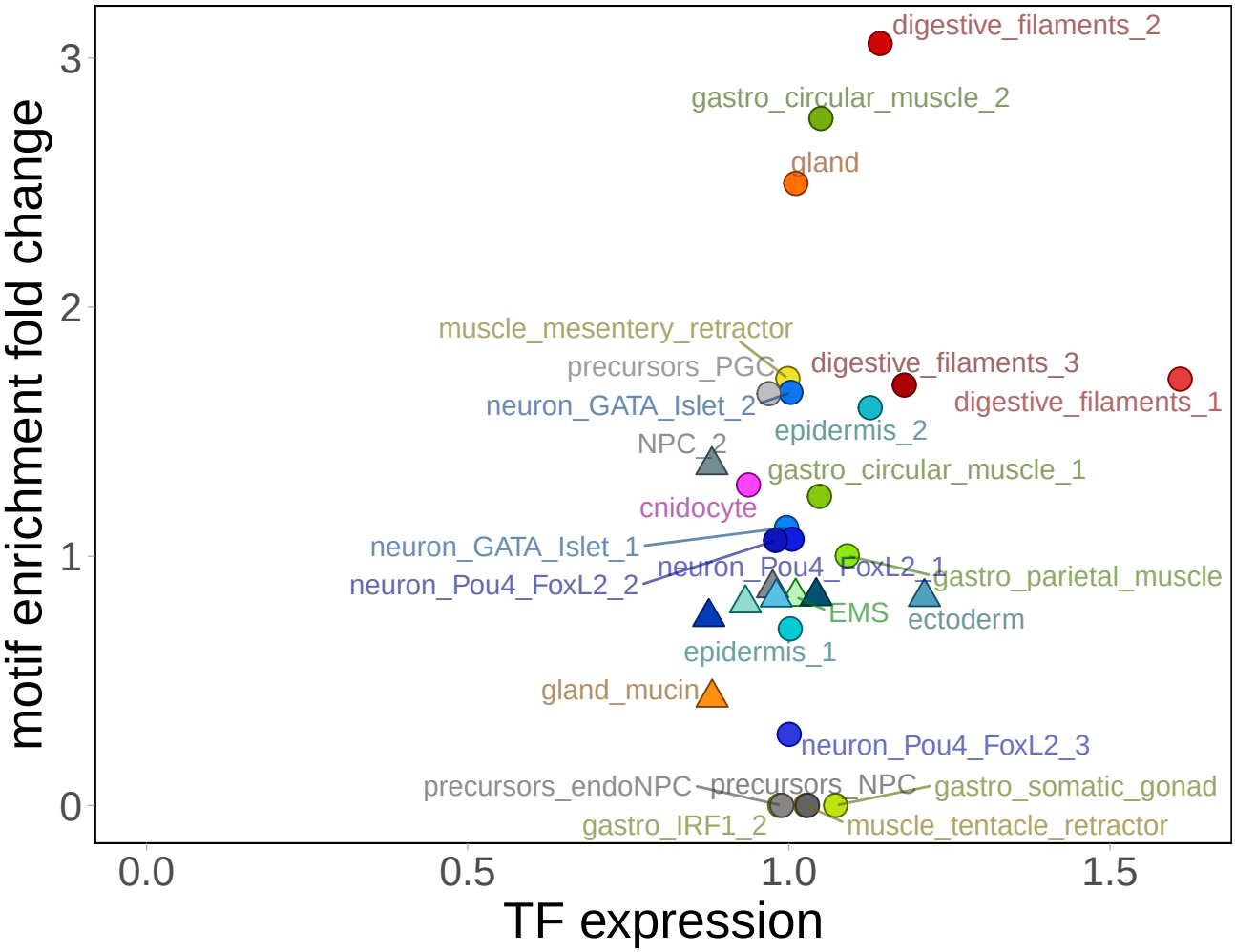
Nvec_vc1.1_XM_032375349.2
OG: HLH.HG1.50:HES3
PFAM: HLH
motif: ARCH468_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 6
gene expression correlation: −0.0874
gene score correlation: 0.5735



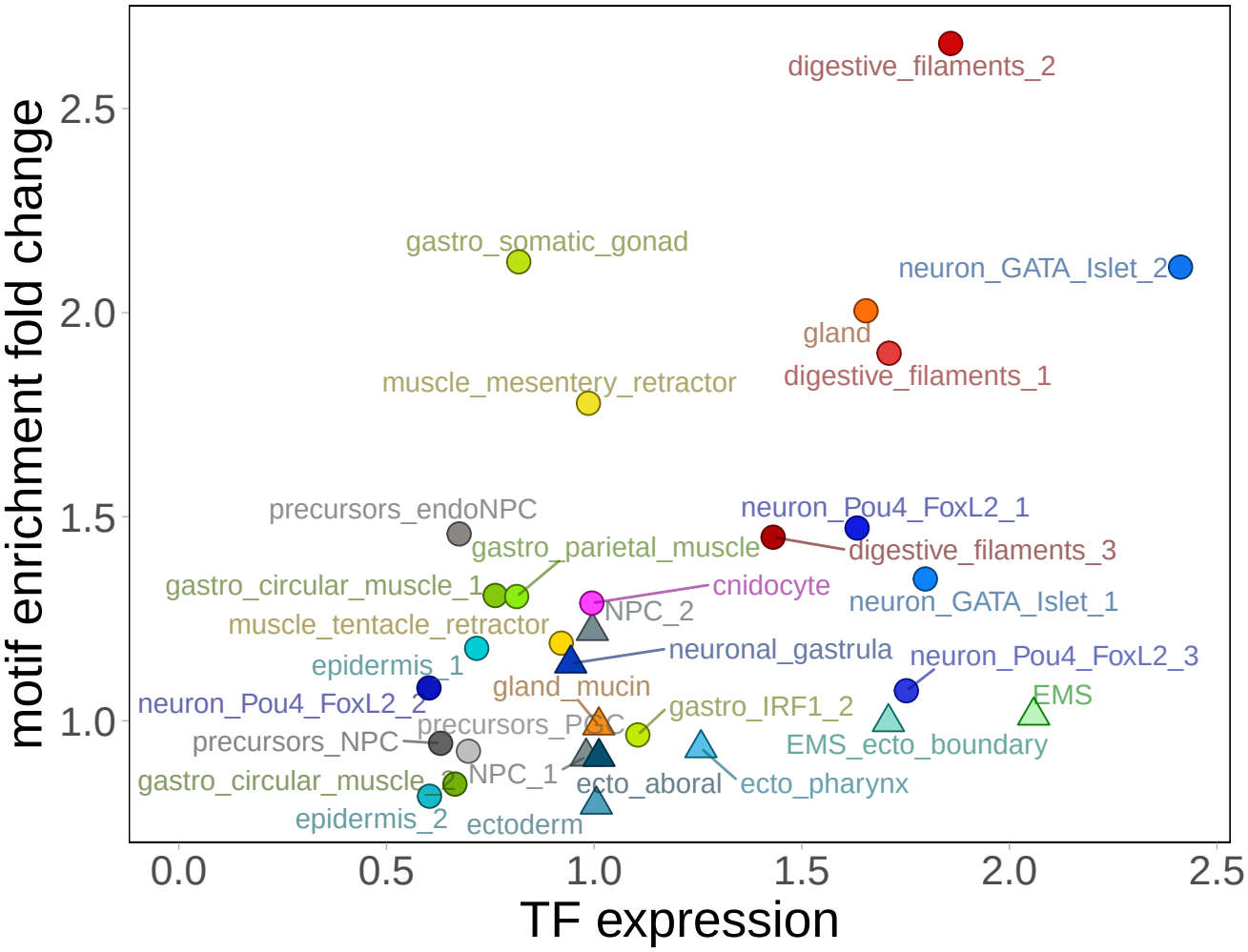
Nvec_vc1.1_XM_032375670.2
OG: Doublesex_DM.HG1.19:like:DMRT1/DMR
PFAM: DM/DMA
motif: ARCH28_Dmrt2_Dmrtc2
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 32
gene expression correlation: 0.3862
gene score correlation: 0.4925



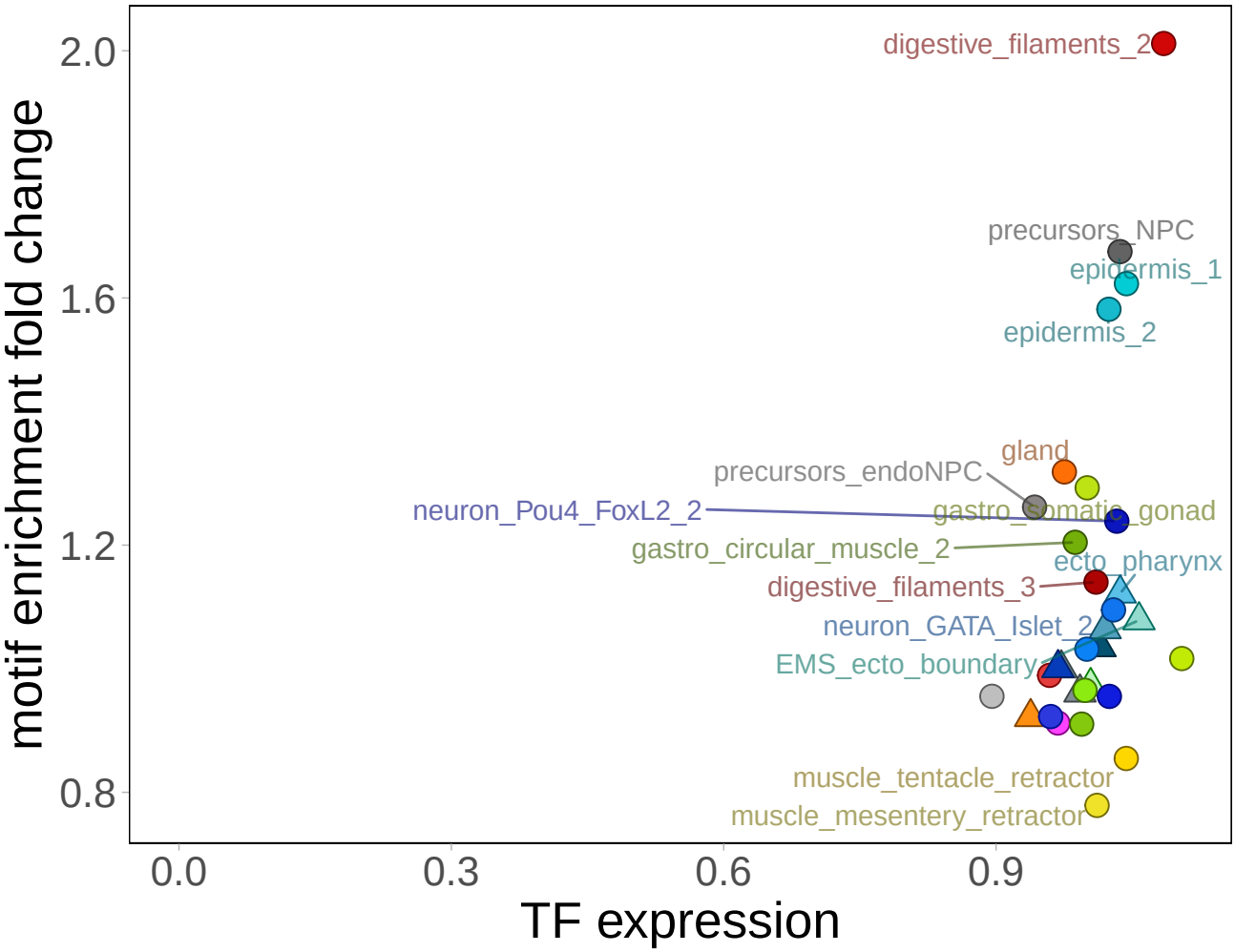
Nvec_vc1.1_XM_032376267.2
OG: HMGbox_Sox.HG1.7:HBP1
PFAM: AXH/HMG_box
motif: ARCH142_/Sox4/Sox11_Sox13/S...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.2687
gene score correlation: 0.1542



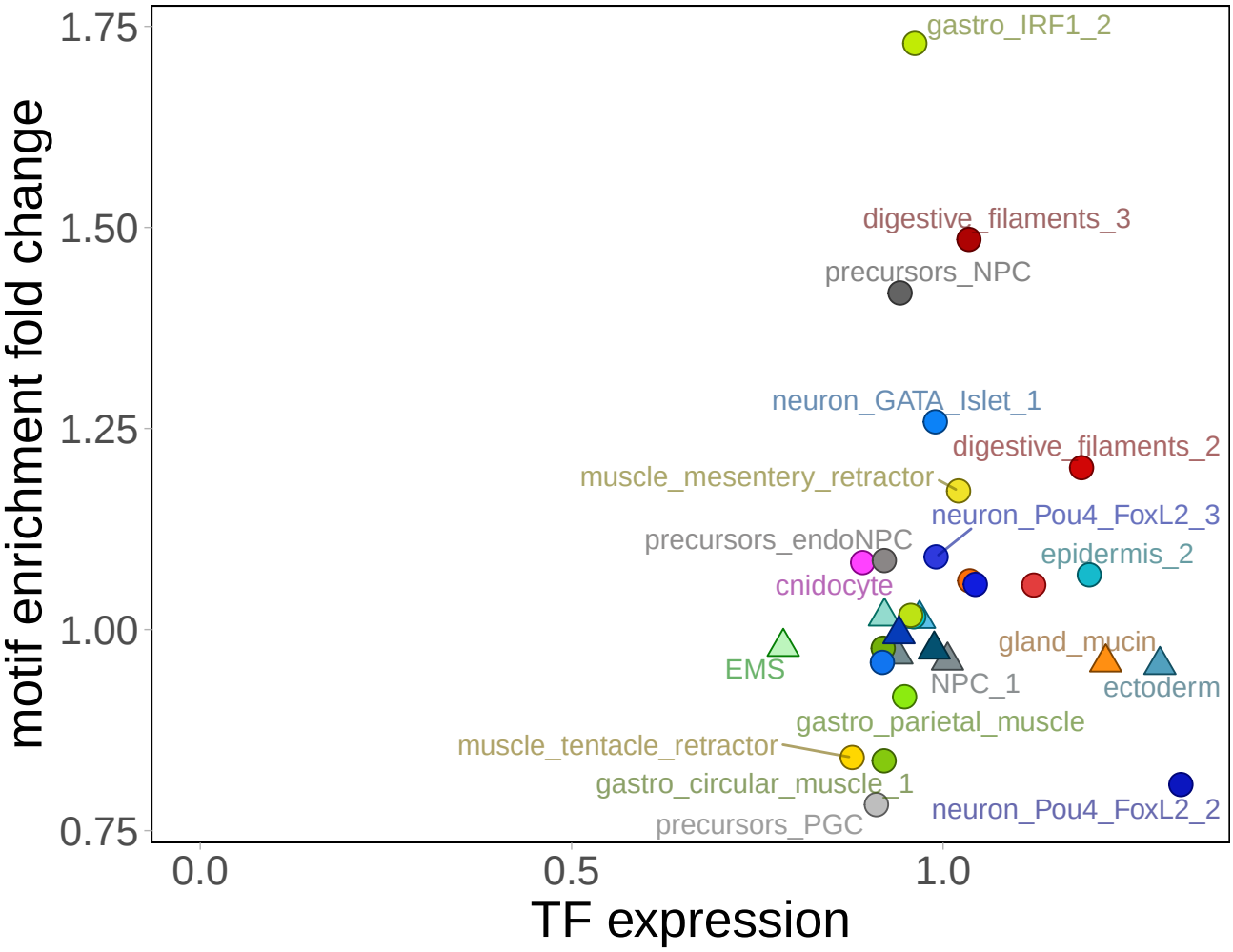
Nvec_vc1.1_XM_032376608.2
OG: Homeodomains.HG3.20:MEIS1/MEIS2/M
PFAM: Meis_PKNOX_N/Homeobox_KN
motif: ARCH1504_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4645
gene score correlation: 0.8292



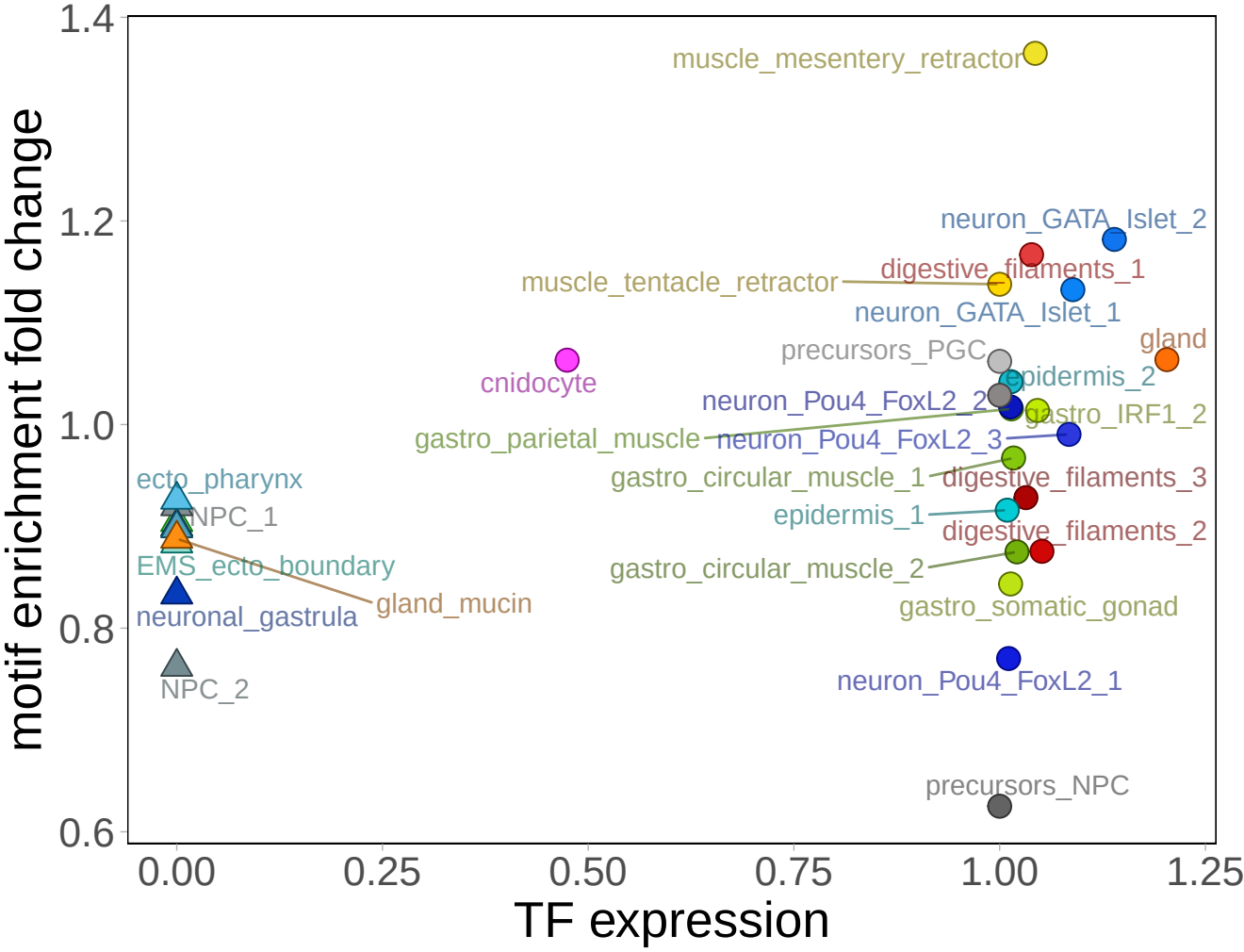
Nvec_vc1.1_XM_032376736.2
OG: zf−C2H2.HG3.23:like:HINFP/RREB1/ZFP
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2_6/zf−C2
motif: ARCH1292_PF13_0315
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 1178
gene expression correlation: 0.3976
gene score correlation: 0.0601



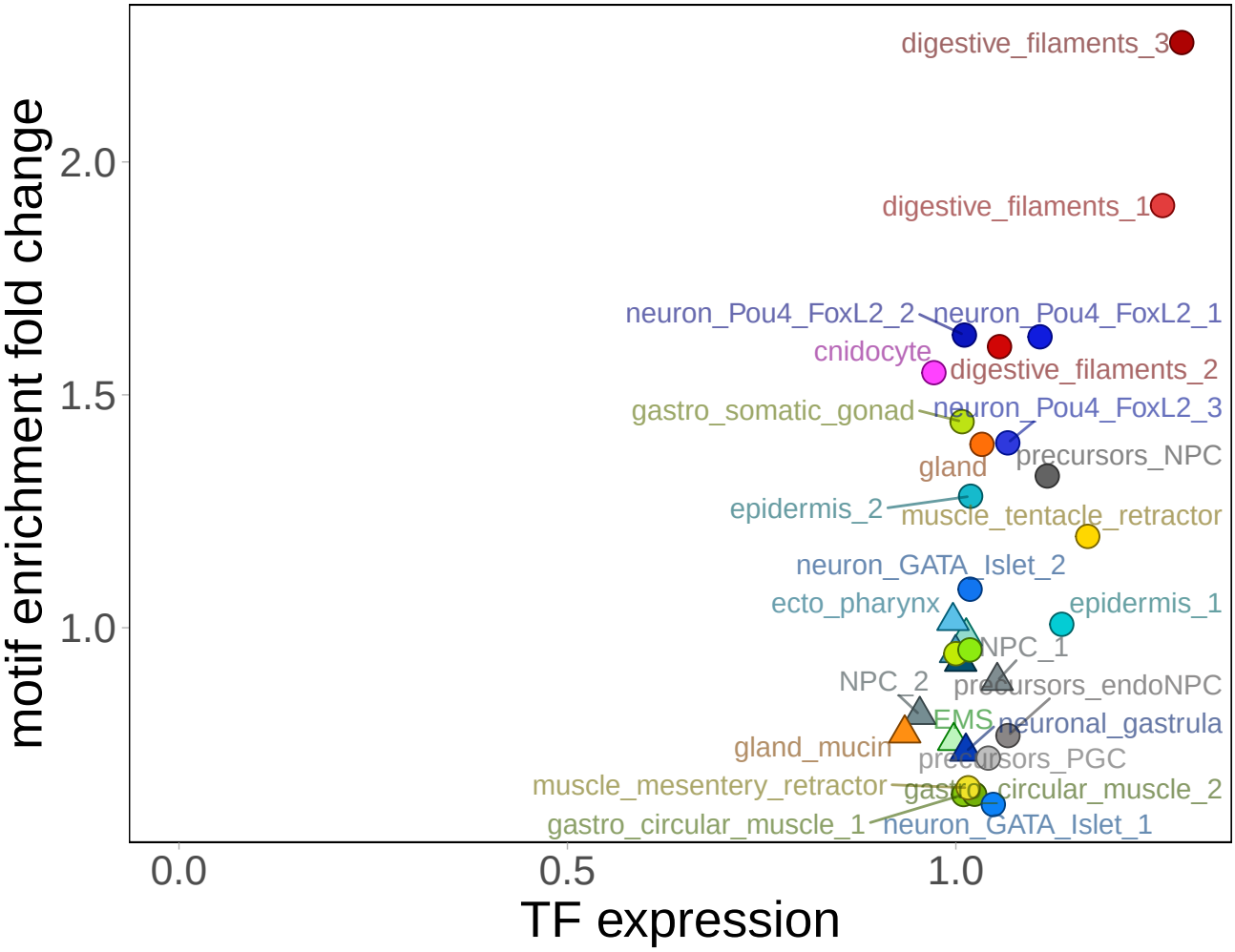
Nvec_vc1.1_XM_032376926.2
OG: bZIP.HG3.2:like:MAF/MAFA/MAFB/NRL
PFAM: bZIP_Maf
motif: ARCH1281_Cic_Hbp1_Sox13/Sox...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 819
gene expression correlation: −0.0188
gene score correlation: 0.0741



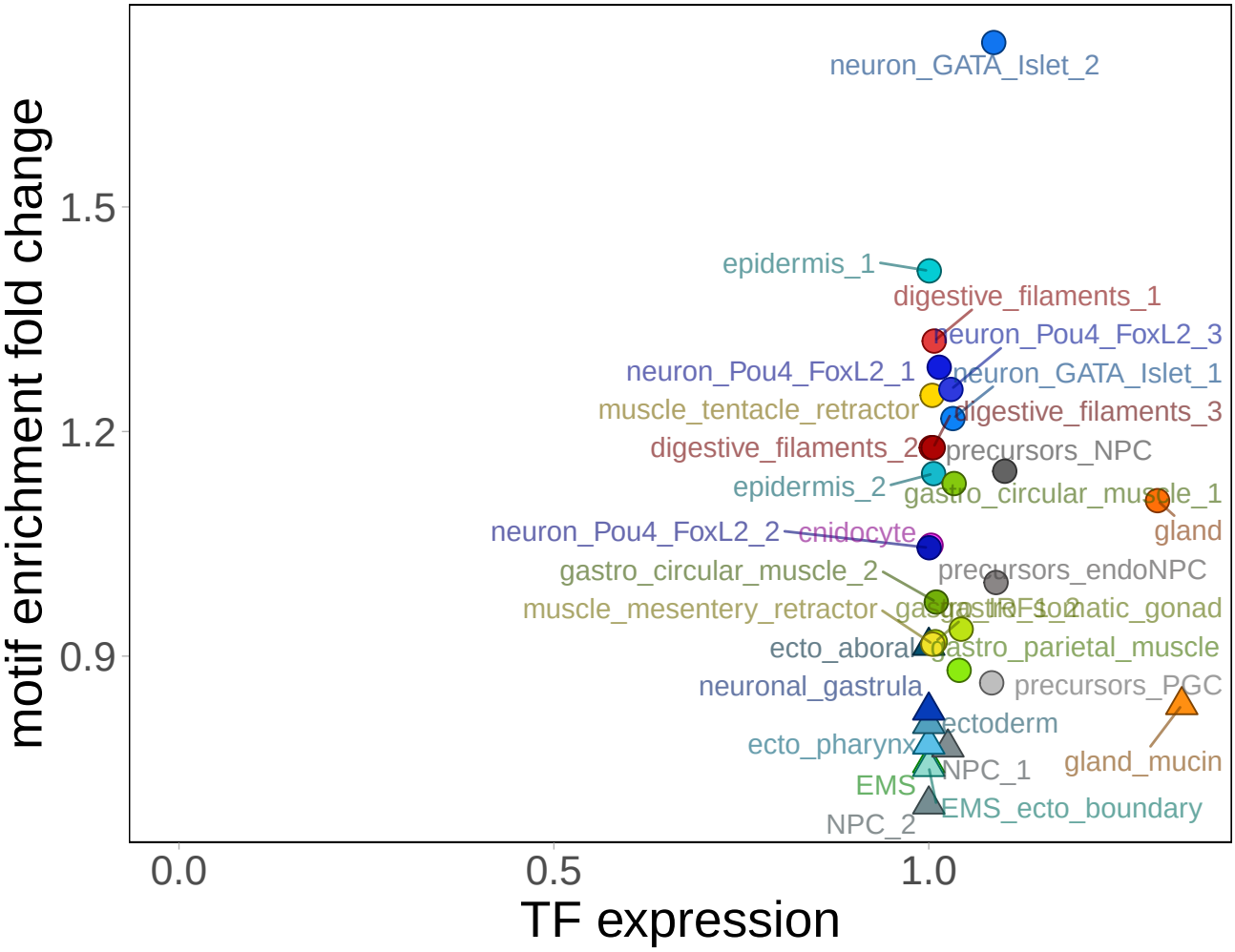
Nvec_vc1.1_XM_032376930.1
OG: zf−C2H2.HG130.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 170
gene expression correlation: 0.3966
gene score correlation: 0.1548



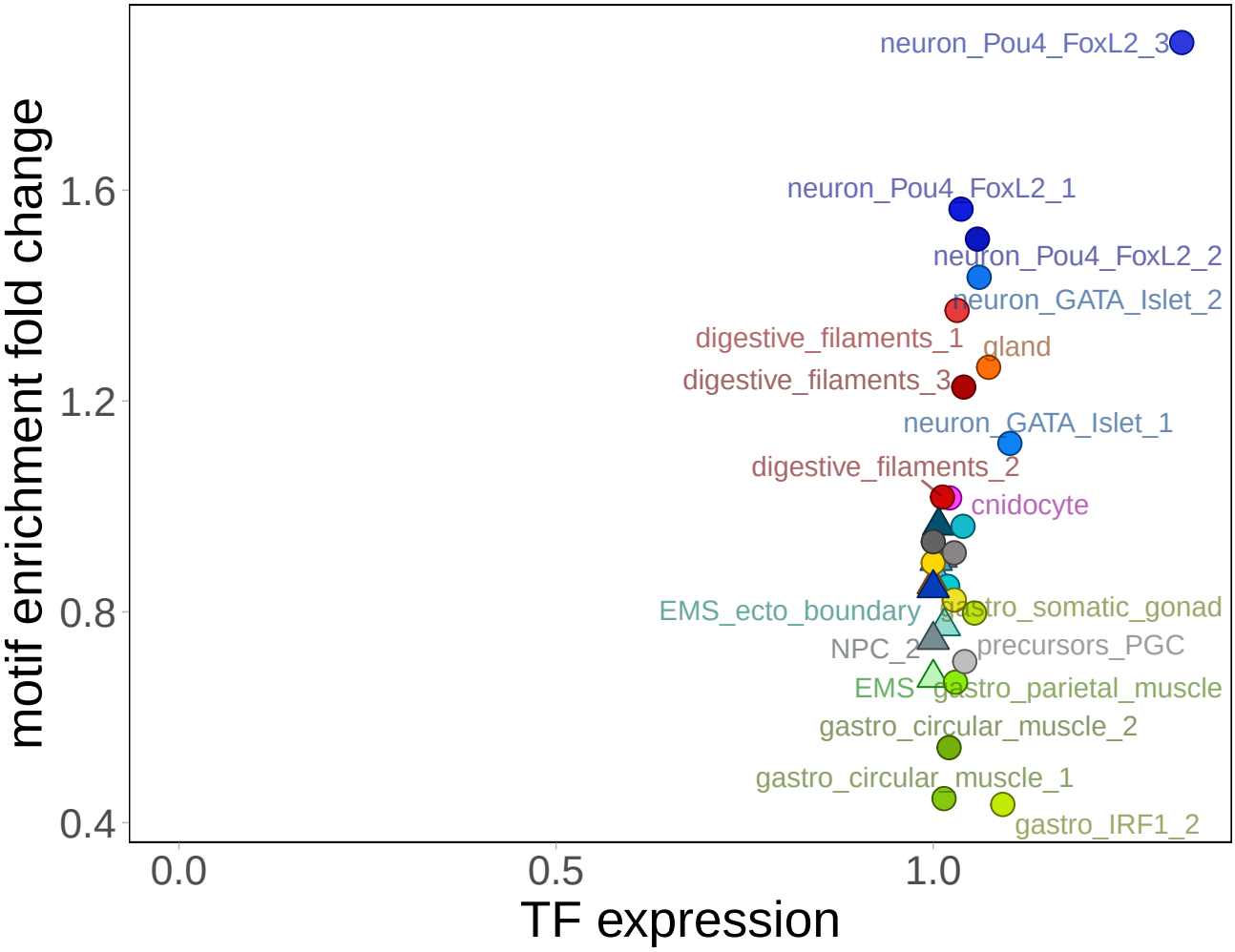
Nvec_vc1.1_XM_032376939.2
OG: Homeodomains.HG2.15:LEUTX
PFAM: CUT/Homeodomain/Homeodomain
motif: ARCH1014_Alx3/Alx4/Alx1_Bar...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 71
gene expression correlation: 0.6199
gene score correlation: 0.3586



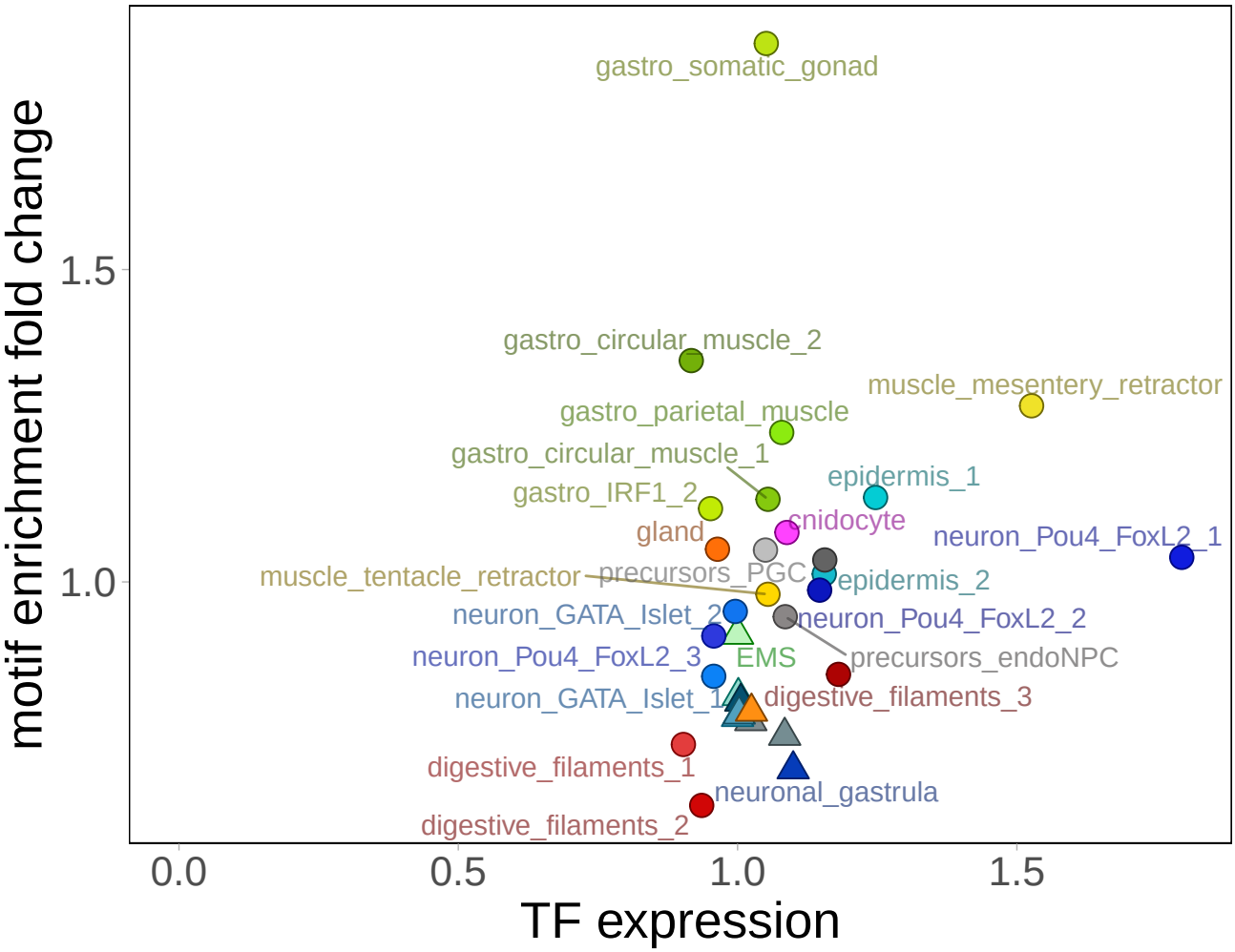
Nvec_vc1.1_XM_032377135.2
OG: Homeodomains.HG1.49:like:NOTO
PFAM: Homeodomain
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 148
gene expression correlation: 0.0227
gene score correlation: 0.0737



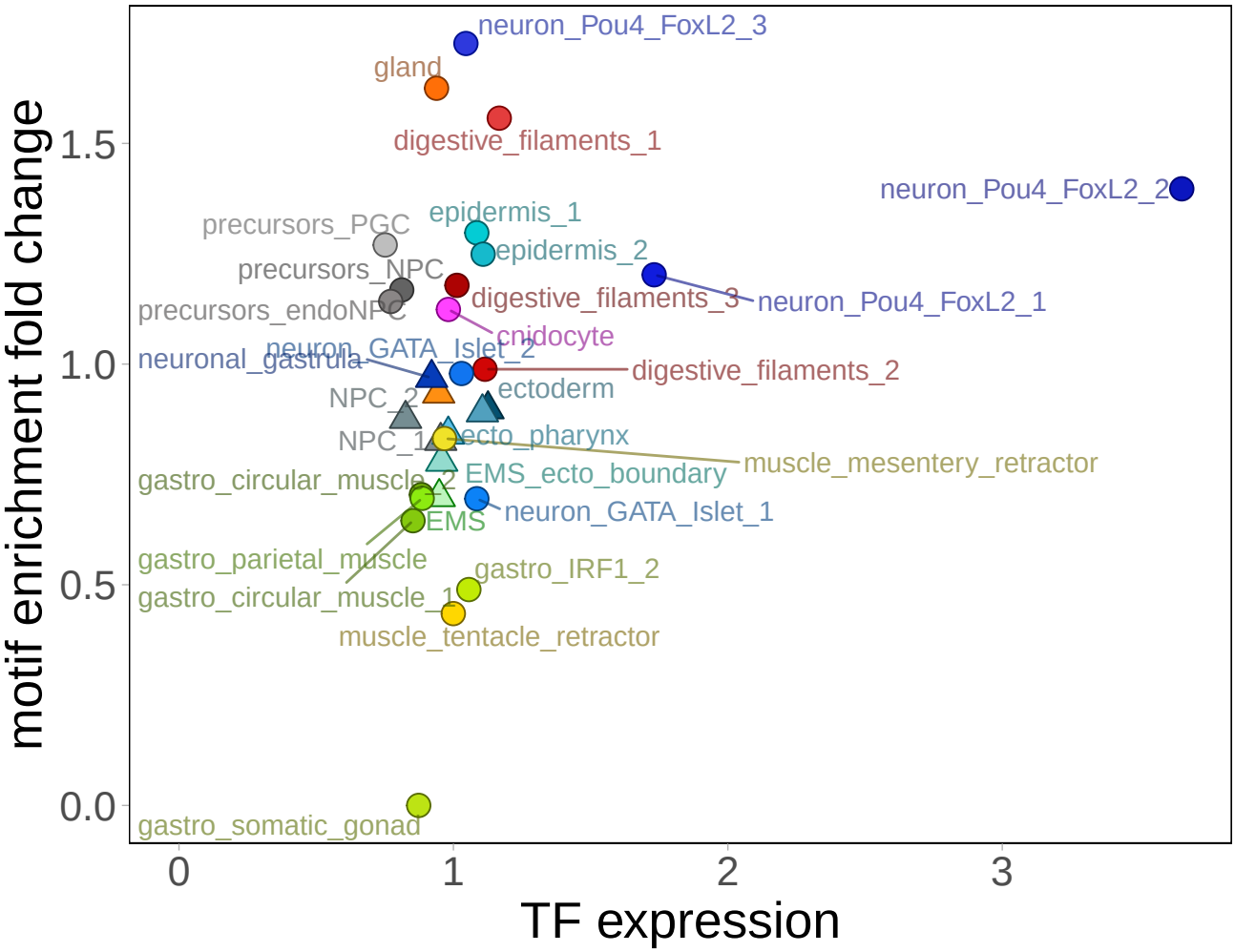
Nvec_vc1.1_XM_032377390.2
OG: Homeodomains.HG1.42:VAX1/VAX2
PFAM: Homeodomain
motif: ARCH52_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 7
gene expression correlation: 0.5732
gene score correlation: 0.5205



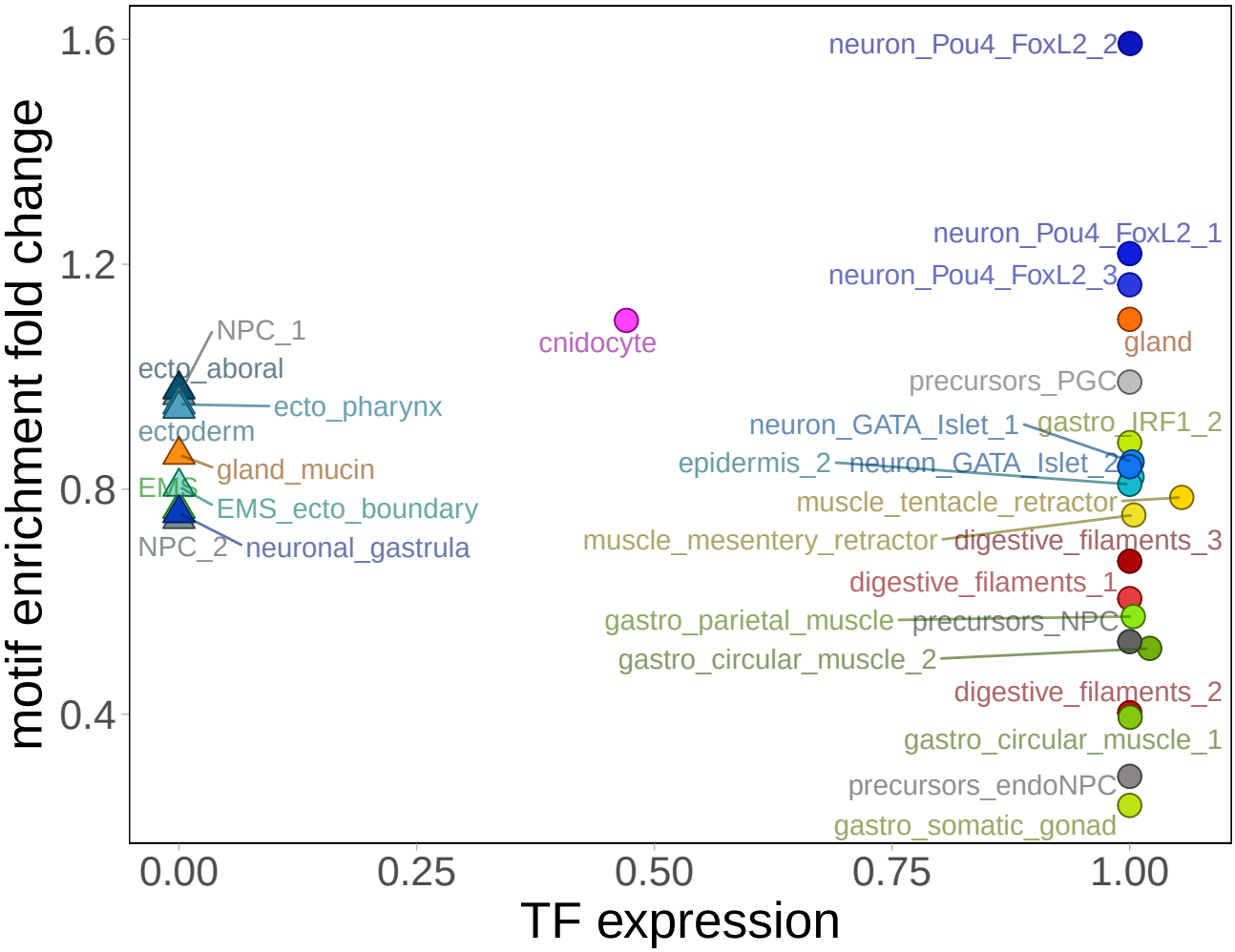
Nvec_vc1.1_XM_032377759.2
OG: Doublesex_DM.HG1.16:like:DMRT1/DMR
PFAM: DM/DMA
motif: ARCH1073_Dmrt2_Dmrtc2_Six1/...
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 333
gene expression correlation: 0.2139
gene score correlation: 0.0862



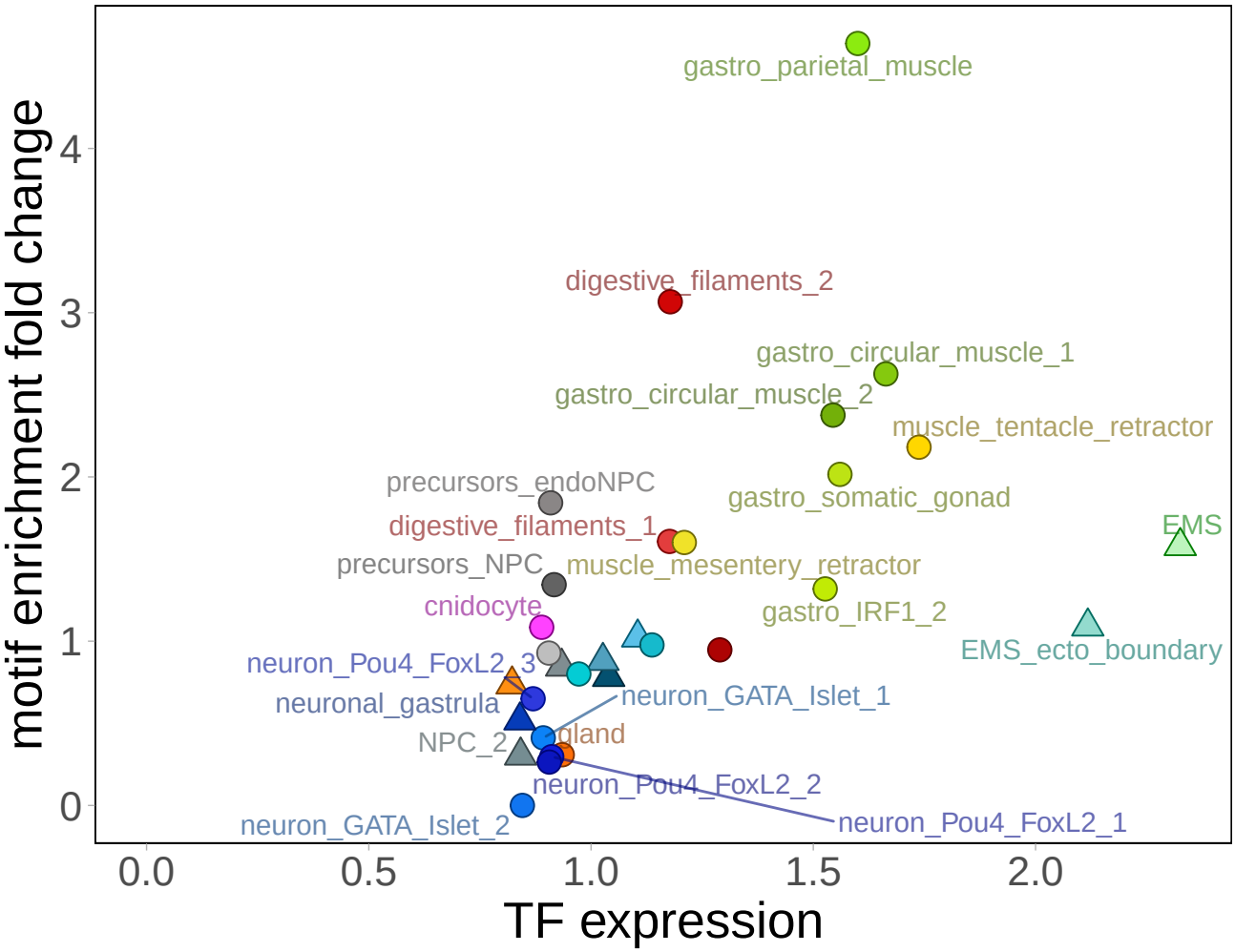
Nvec_vc1.1_XM_032377792.2
OG: MADS−box_SRF.HG1.2:BORCS8−MEF2B
PFAM: SRF−TF/HJURP_C
motif: ARCH1333_Mef2c/Mef2b/Mef2a/...
TF family: MADS−box_SRF
archetype family: MADS−box_SRF
CisBP assigned: TRUE
rank: 18
gene expression correlation: 0.2746
gene score correlation: 0.2779



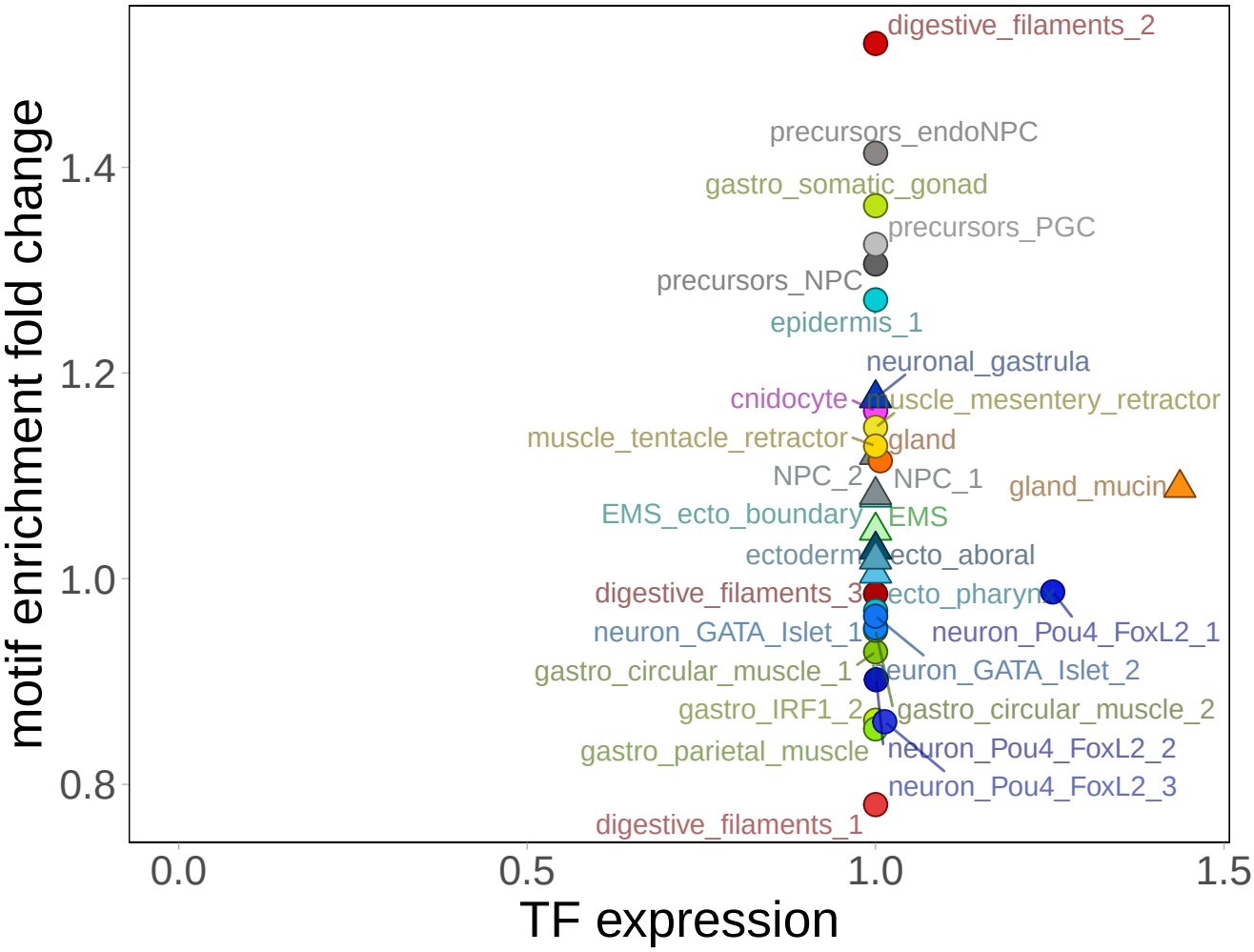
Nvec_vc1.1_XM_032378000.2
OG: Homeodomains.HG1.27:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH17_Alx3/Alx4/Alx1_Barx2...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1620
gene expression correlation: −0.1792
gene score correlation: −0.2565



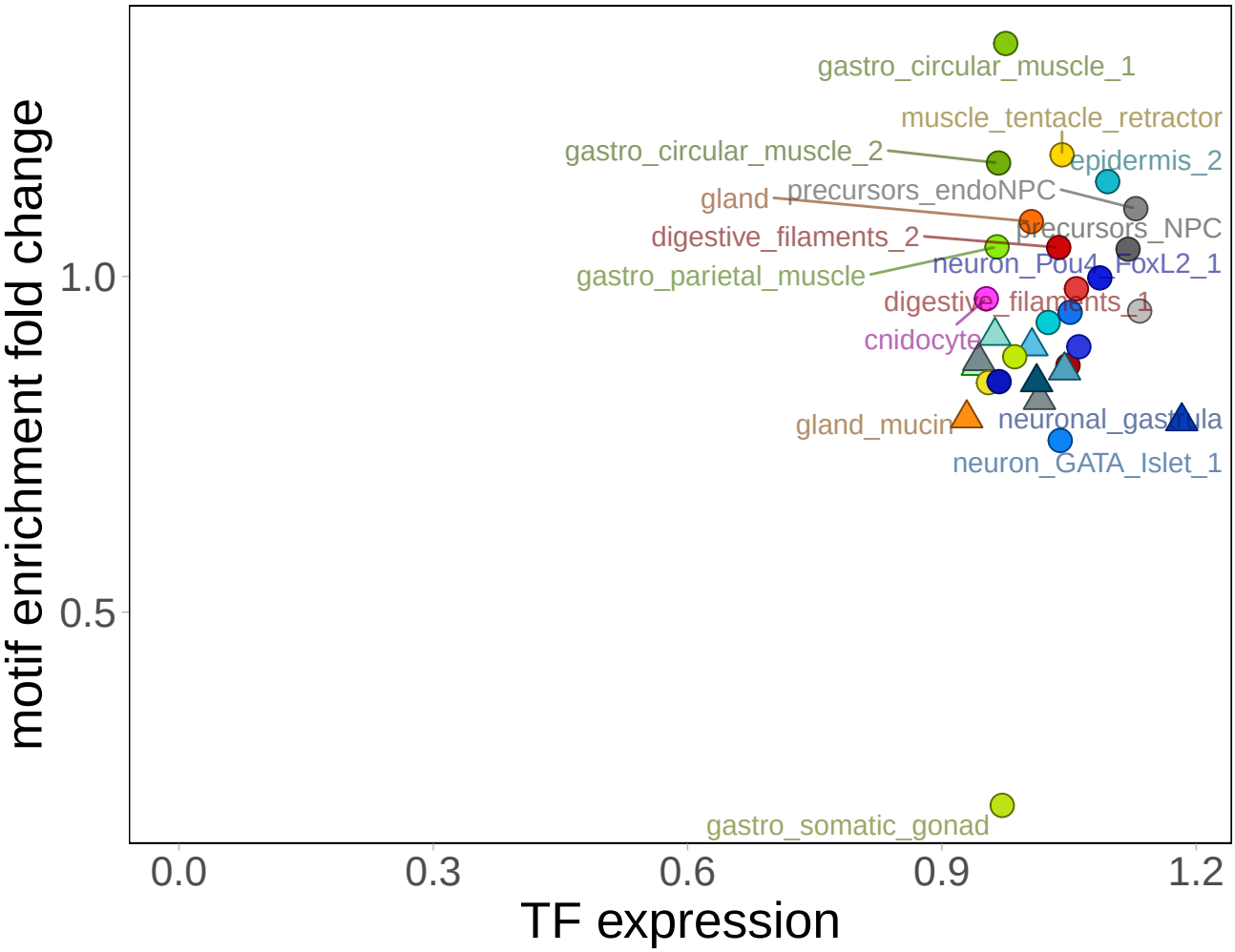
Nvec_vc1.1_XM_032378048.2
OG: zf−C4_Nuclear_receptors.HG1.31:NR2F1
PFAM: zf−C4/Hormone_recep
motif: ARCH1673_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 21
gene expression correlation: 0.5397
gene score correlation: 0.6890



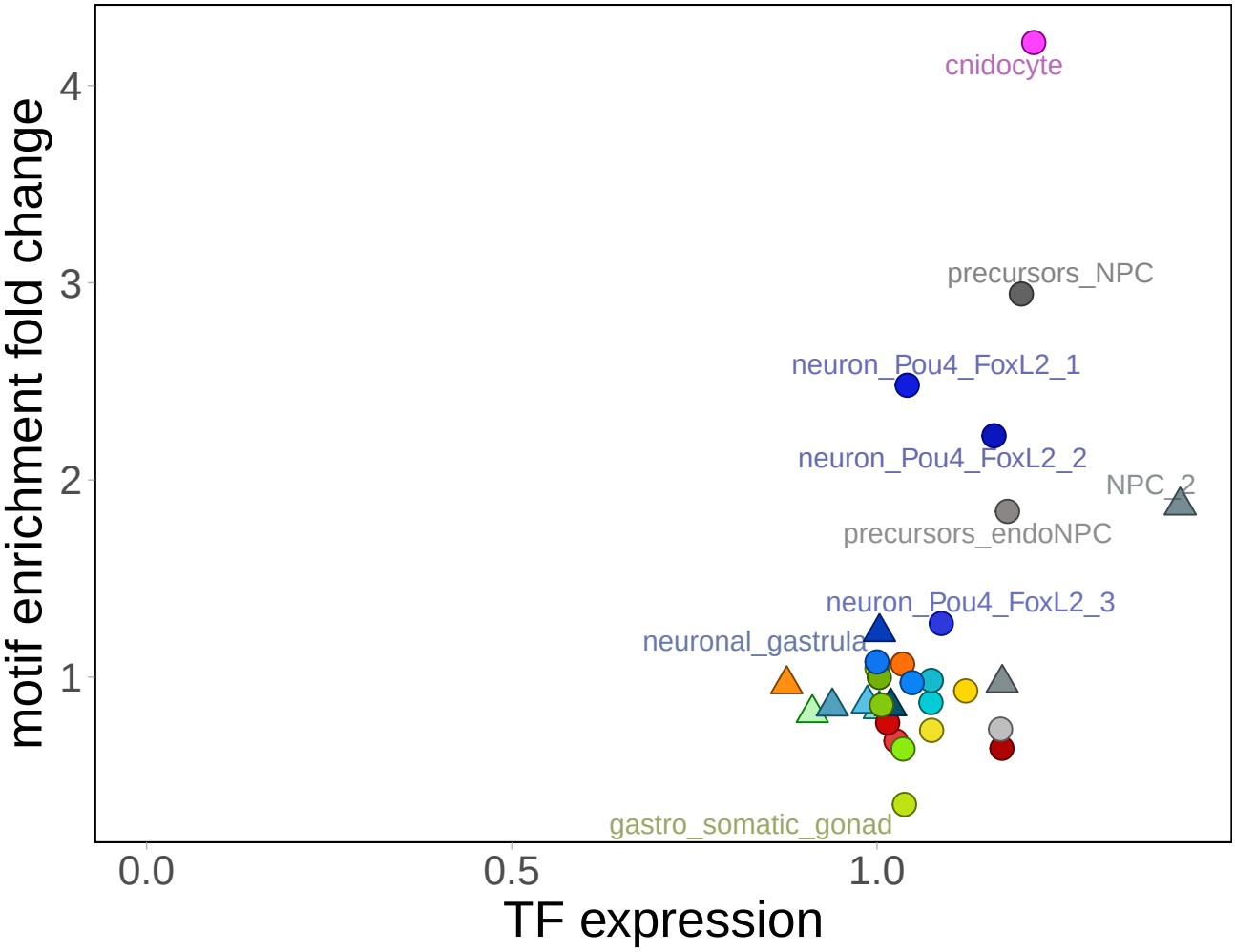
Nvec_vc1.1_XM_032378152.2
OG: HMGbox_Sox.HG1.1:SOX30
PFAM: HMG_box
motif: ARCH716_/Sox4/Sox11_Sox13/S...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 253
gene expression correlation: −0.0438
gene score correlation: −0.0088



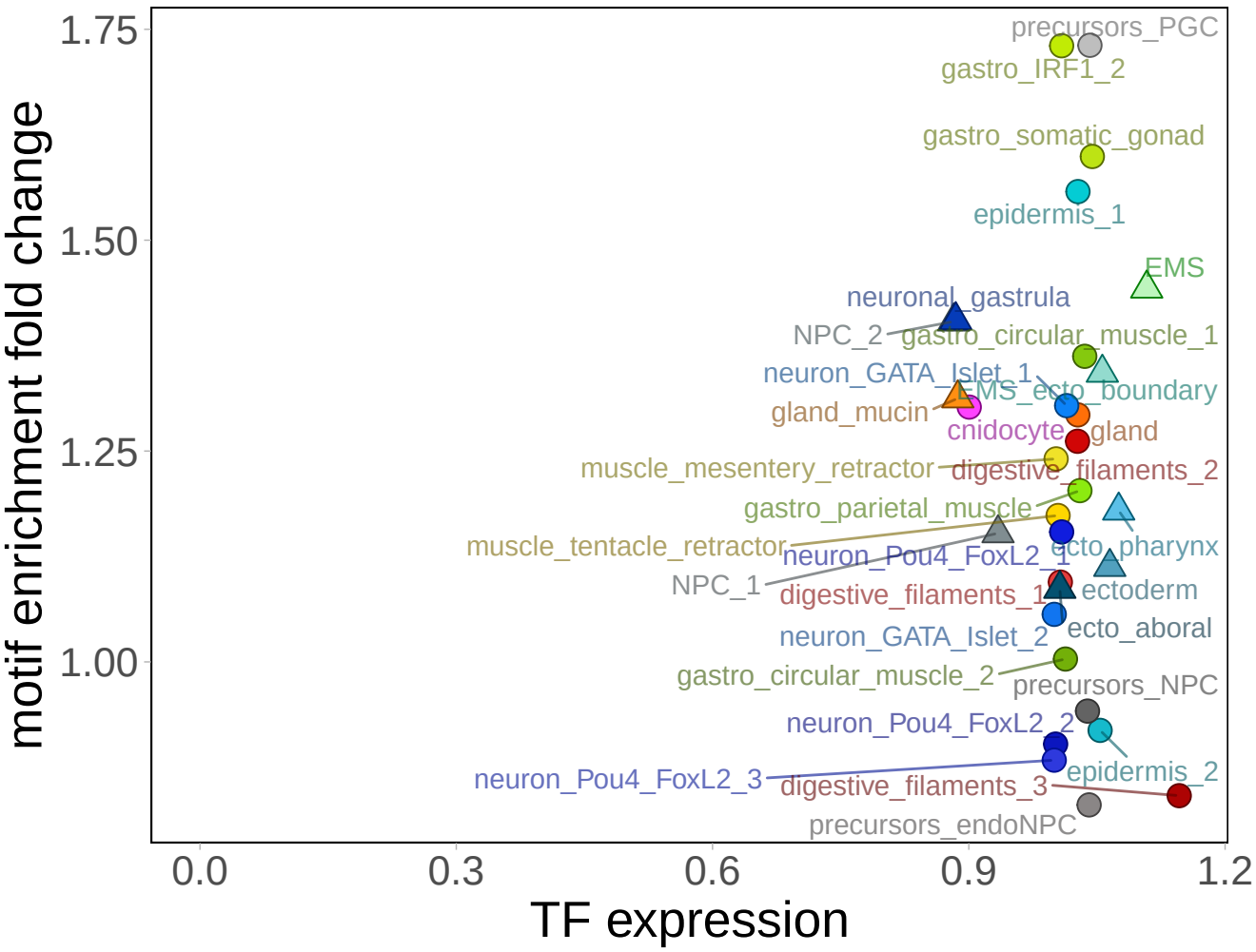
Nvec_vc1.1_XM_032378255.2
OG: zf−C2H2.HG105.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1370_M05856_2.00
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 868
gene expression correlation: 0.1621
gene score correlation: 0.1196



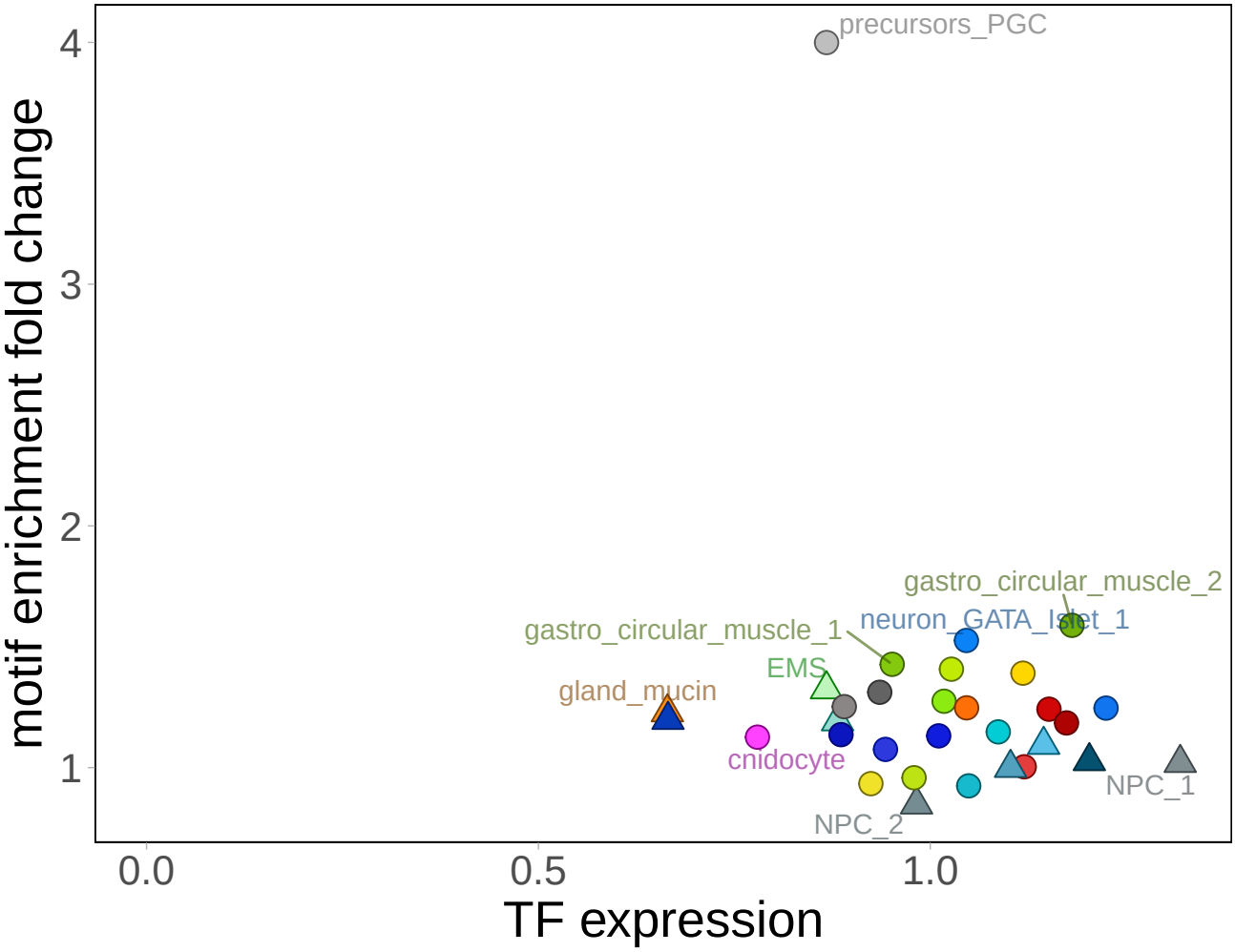
Nvec_vc1.1_XM_032378312.2
OG: zf−C2H2.HG119.1:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 119
gene expression correlation: 0.4933
gene score correlation: 0.5306



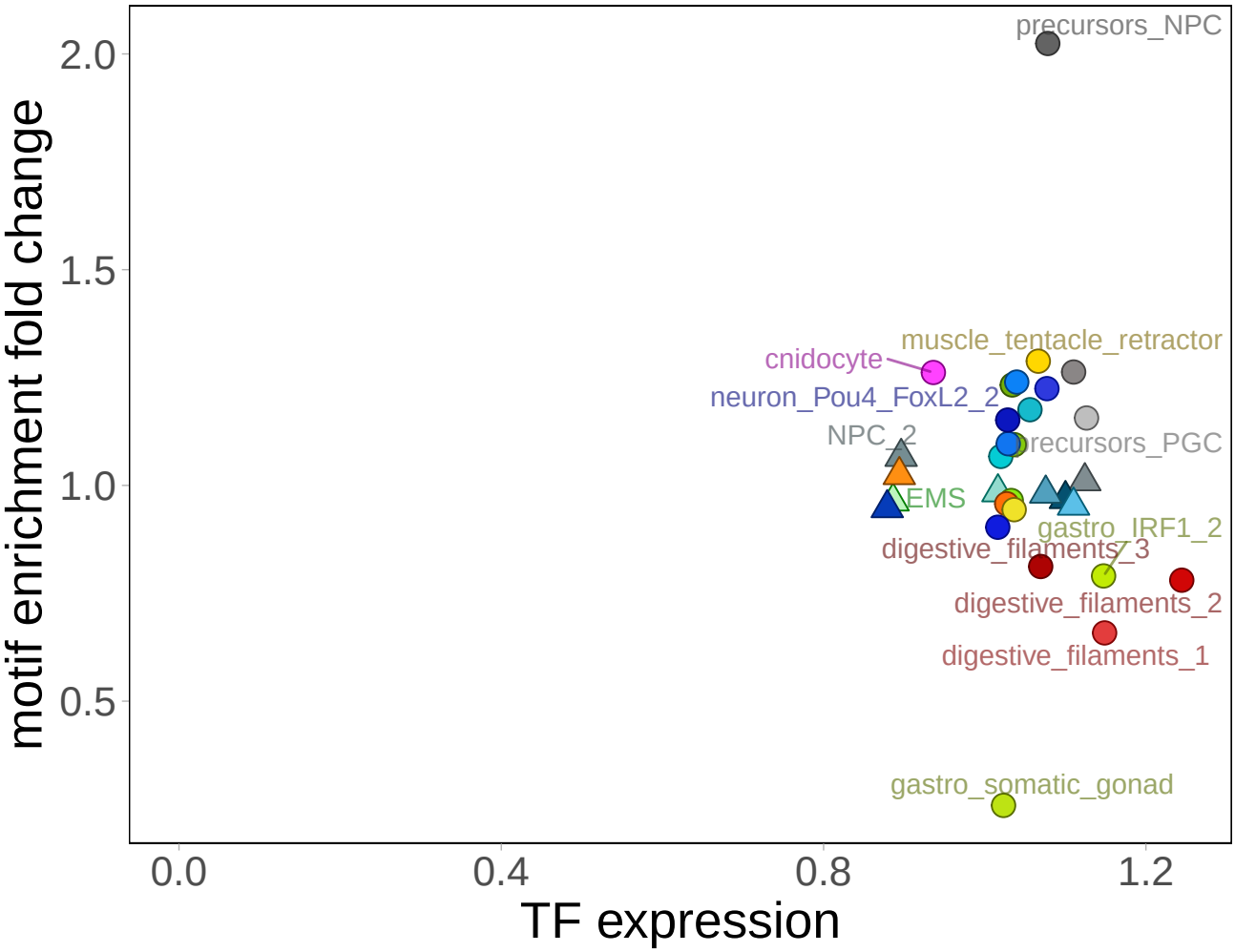
Nvec_vc1.1_XM_032378338.2
OG: zf−C2H2.HG2.0:like:MTF1/ZNF76/ZNF14
PFAM: zf−C2H2/zf−C2H2
motif: ARCH1609_Atf3/Jdp2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 539
gene expression correlation: −0.1793
gene score correlation: 0.1328



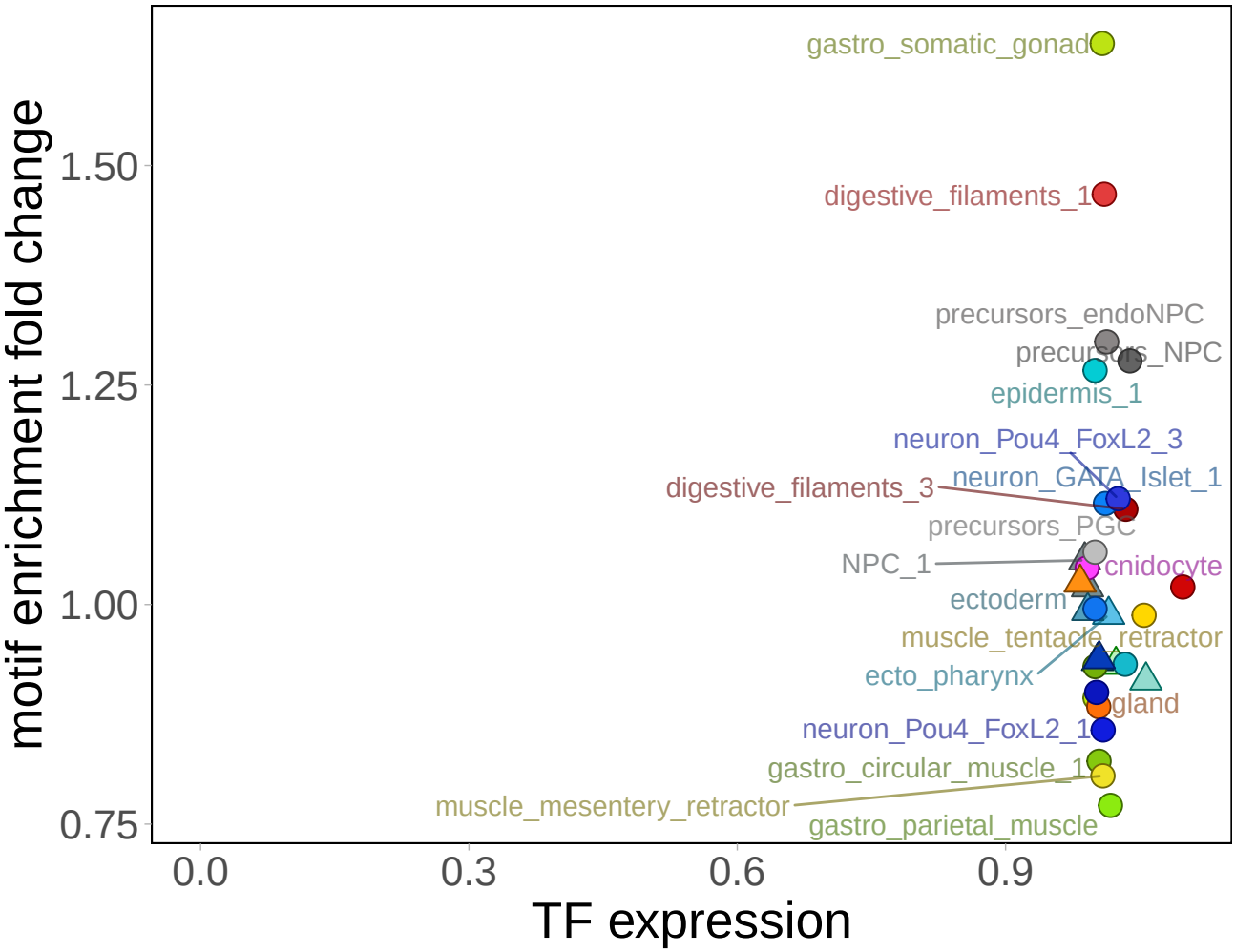
Nvec_vc1.1_XM_032378402.2
OG: E2F_TDP.HG1.1:TFDP1/TFDP2/TFDP3
PFAM: E2F_TDP/DP
motif: ARCH367_/E2f4_E2f6_E2f8/E2f...
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: TRUE
rank: 342
gene expression correlation: −0.1668
gene score correlation: 0.1424



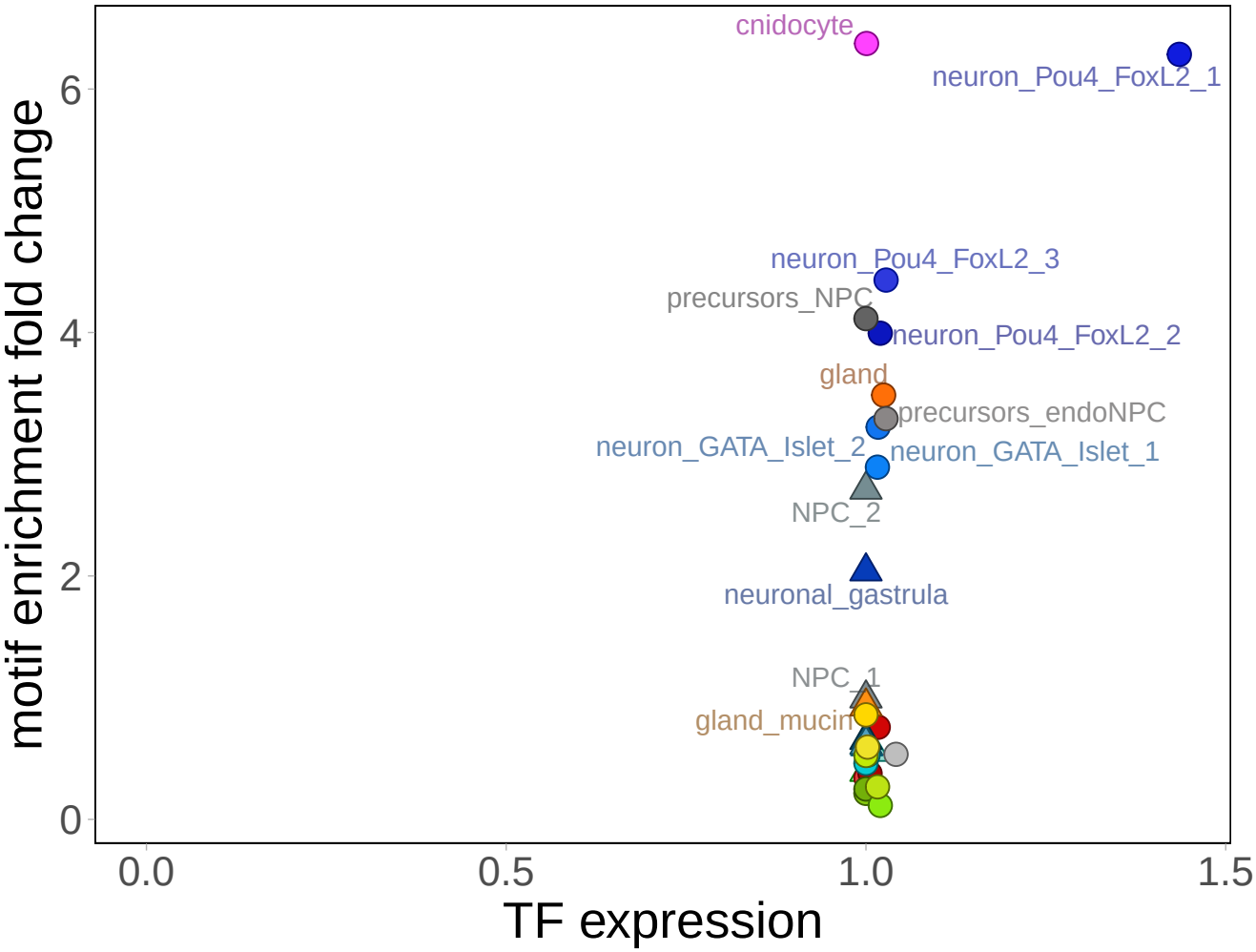
Nvec_vc1.1_XM_032378403.2
OG: zf−C2H2.HG1.209:like:AC008758.1/AC00
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH827_Vezf1/Maz
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 577
gene expression correlation: −0.0676
gene score correlation: 0.5464



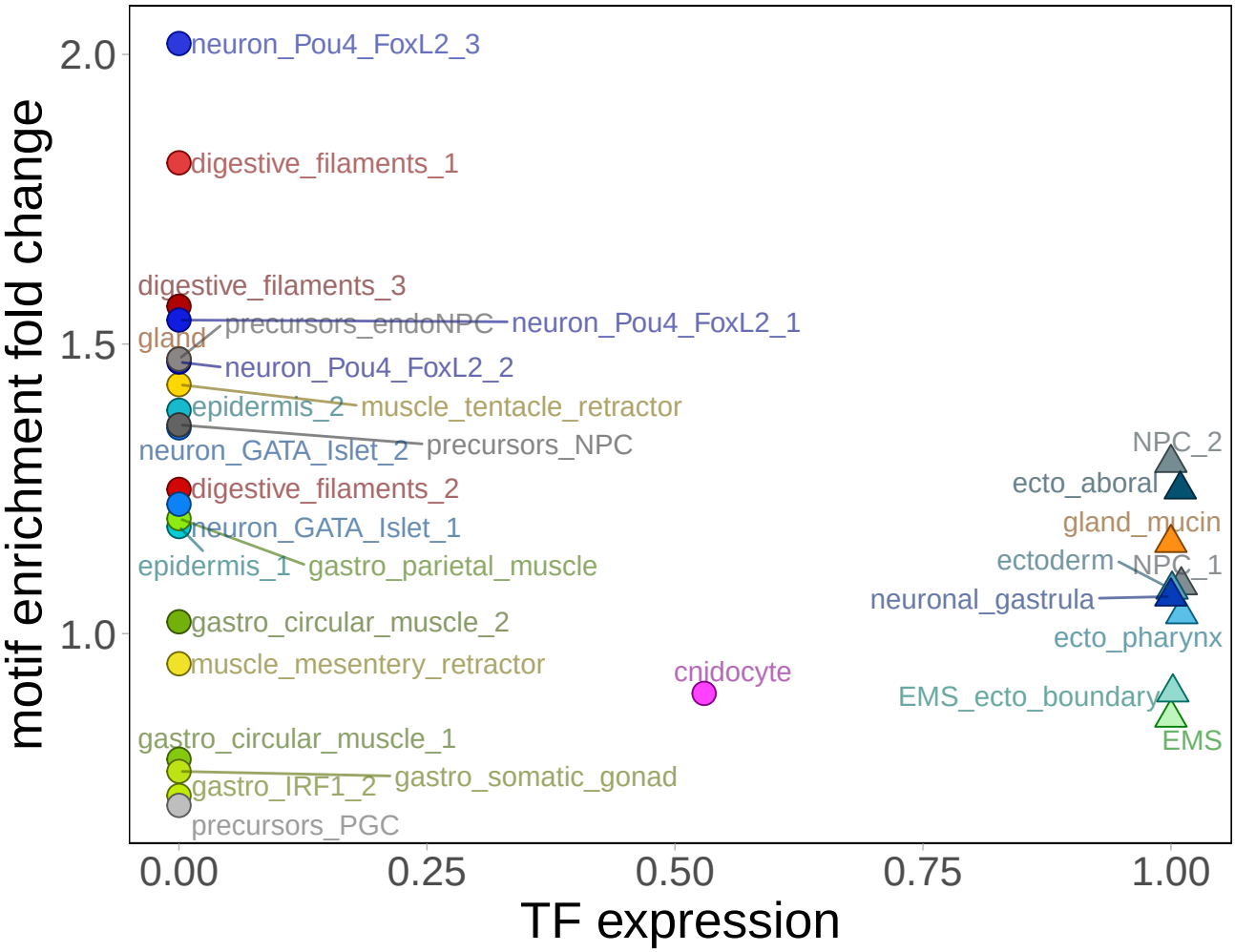
Nvec_vc1.1_XM_032378442.2
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSAI
PFAM: Myb_DNA−bind_4
motif: ARCH153_Msantd2_Rcor1/Rcor2...
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 563
gene expression correlation: 0.0096
gene score correlation: 0.3367



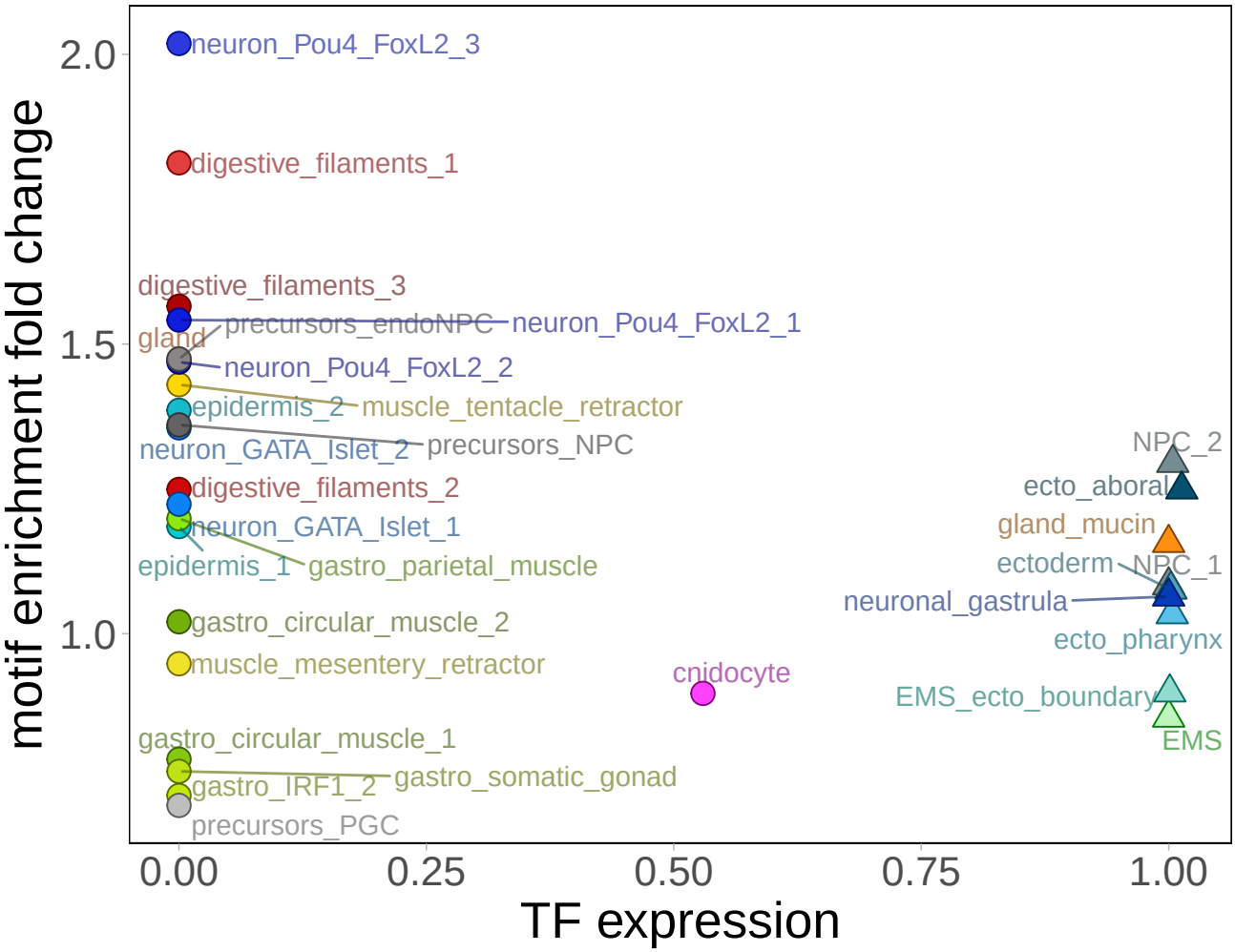
Nvec_vc1.1_XM_032378649.2
OG: bZIP.HG1.10:like:ATF3/FOS/FOSB/FOSL
PFAM: bZIP_1
motif: ARCH531_Slug
TF family: bZIP
archetype family:
CisBP assigned: FALSE
rank: 1131
gene expression correlation: 0.4917
gene score correlation: −0.1328



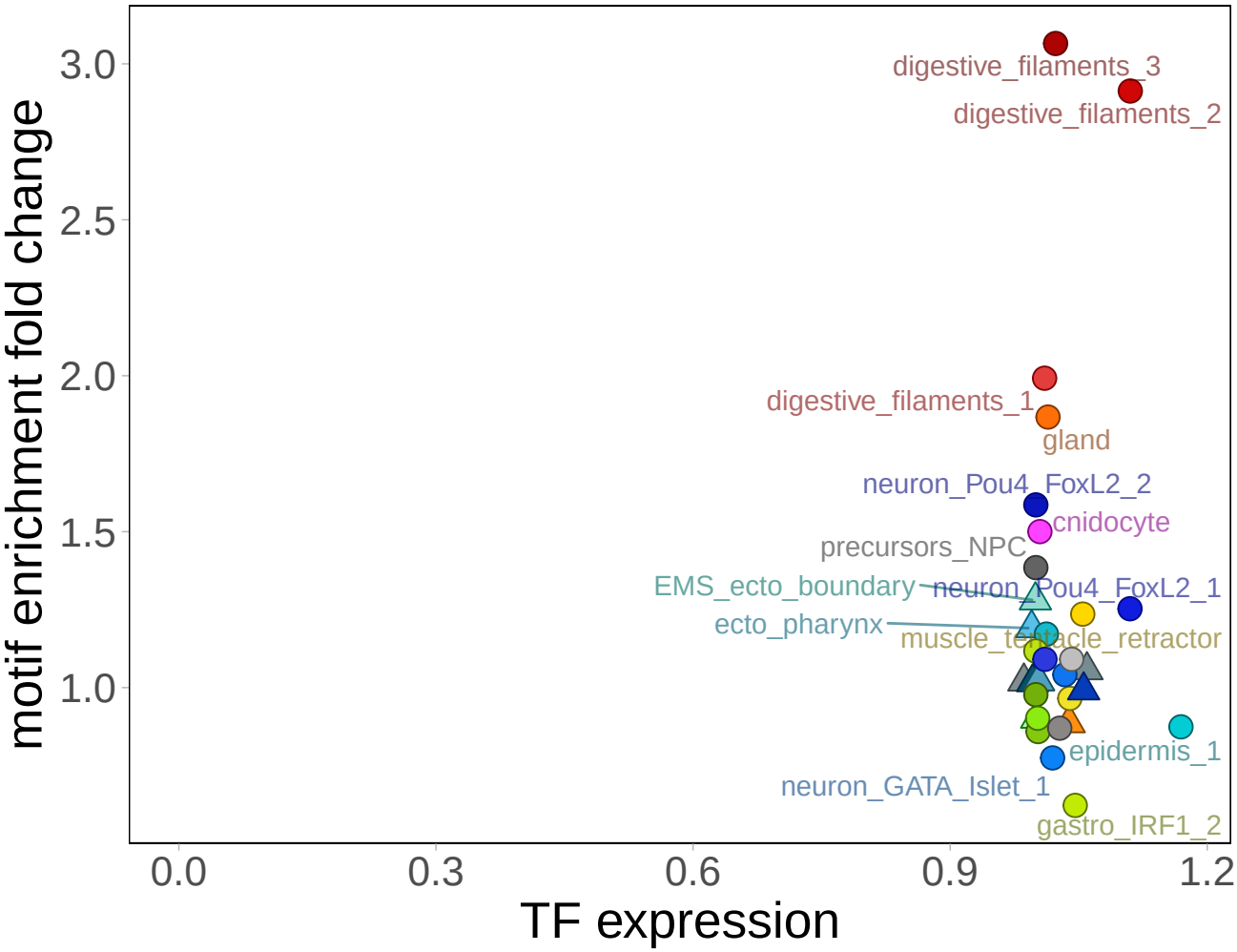
Nvec_vc1.1_XM_032378769.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH271_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 71
gene expression correlation: −0.2928
gene score correlation: −0.2934



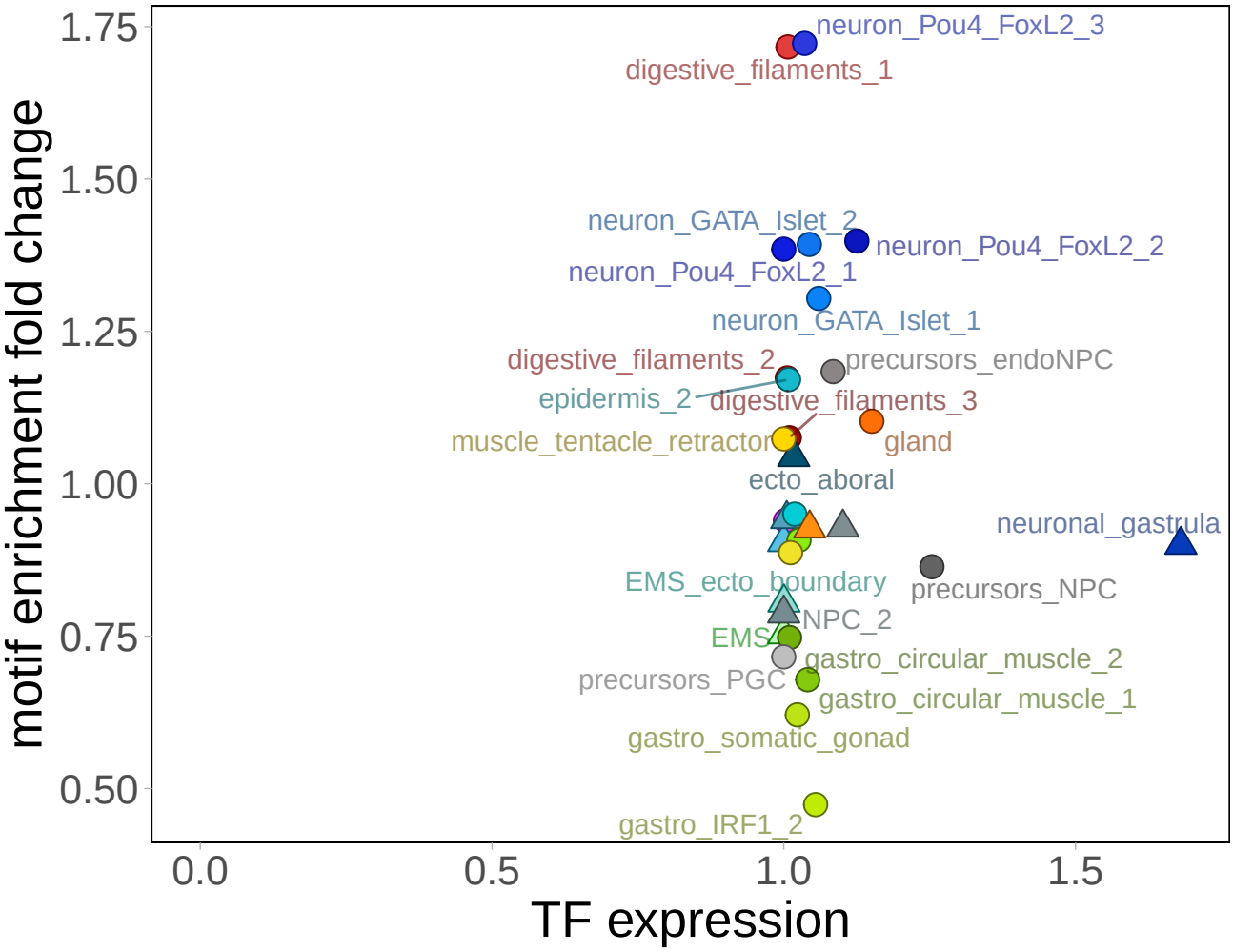
Nvec_vc1.1_XM_032378779.2
OG: Homeodomains.HG1.23:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH271_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 73
gene expression correlation: −0.2924
gene score correlation: −0.2970



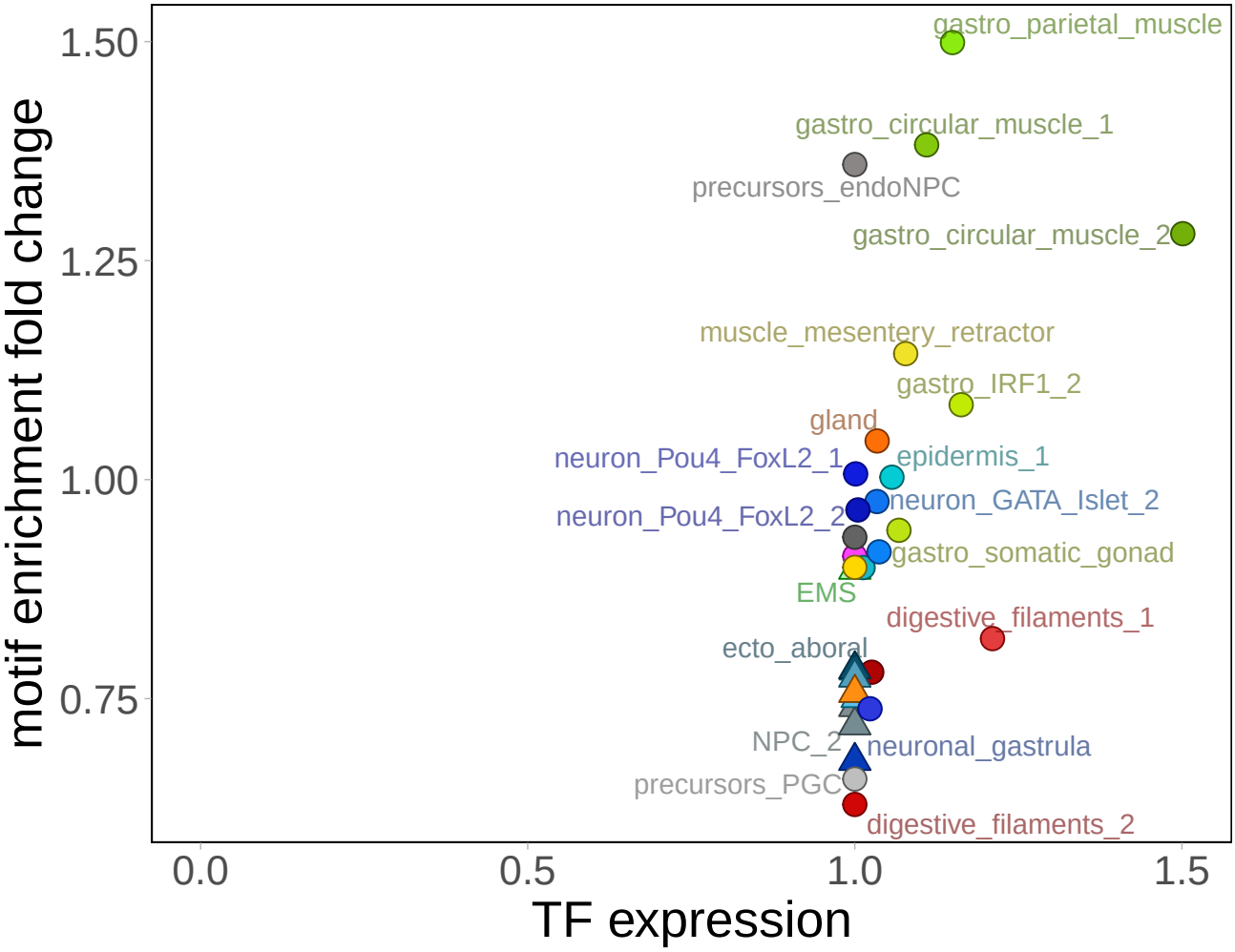
Nvec_vc1.1_XM_032379152.2
OG: Forkhead.HG1.13:like:FOXN1/FOXN2/FO
PFAM: Forkhead
motif: ARCH971_Foxc2/Foxc1_Foxd2/F...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 62
gene expression correlation: 0.1048
gene score correlation: 0.2810



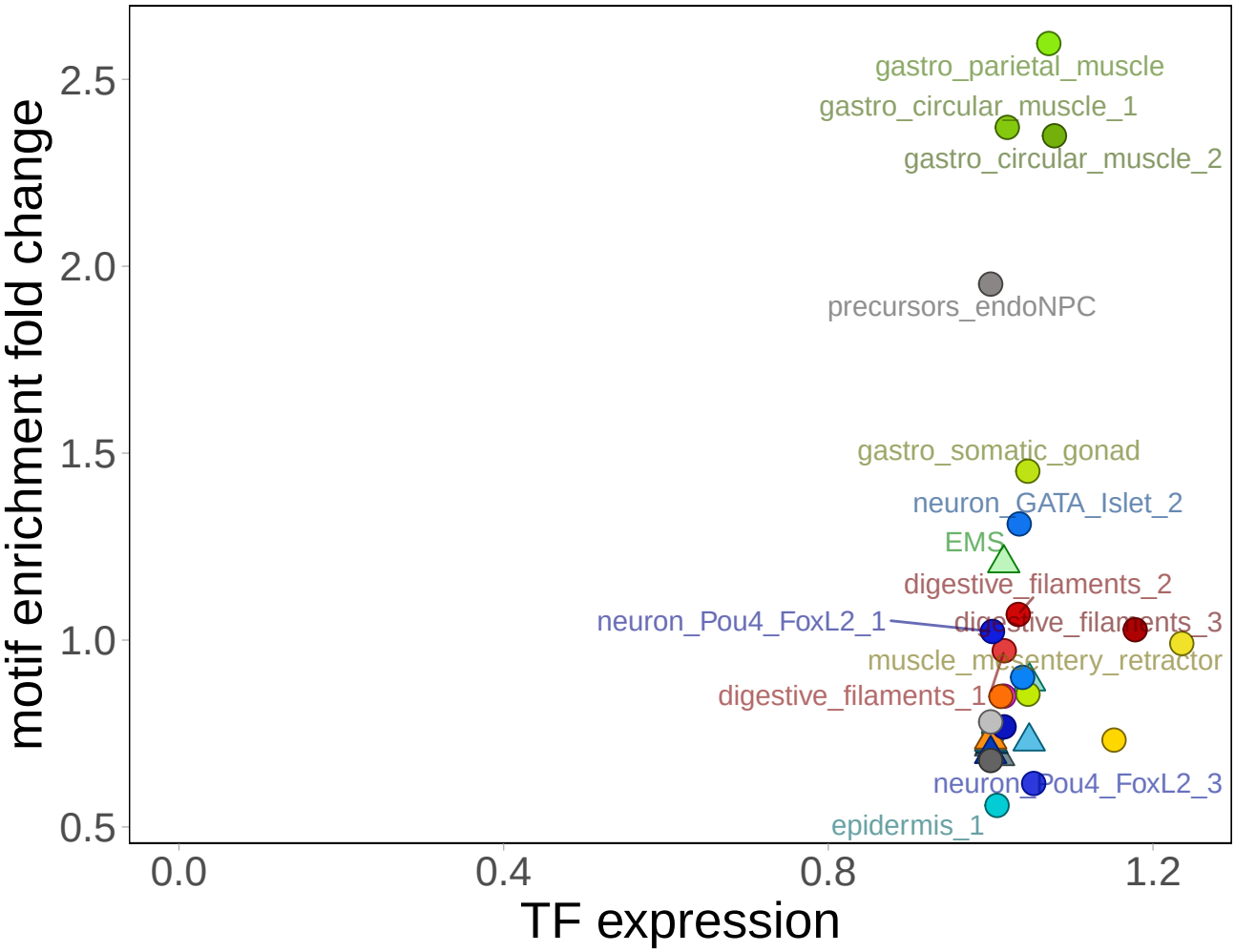
Nvec_vc1.1_XM_032379347.2
OG: Homeodomains.HG2.29:PAX4/PAX6
PFAM: PAX/Homeodomain
motif: ARCH63_Pax5/Pax8/Pax2
TF family: Pax/Homeodomain
archetype family: Pax/Homeodomain
CisBP assigned: TRUE
rank: 432
gene expression correlation: −0.0429
gene score correlation: 0.1625



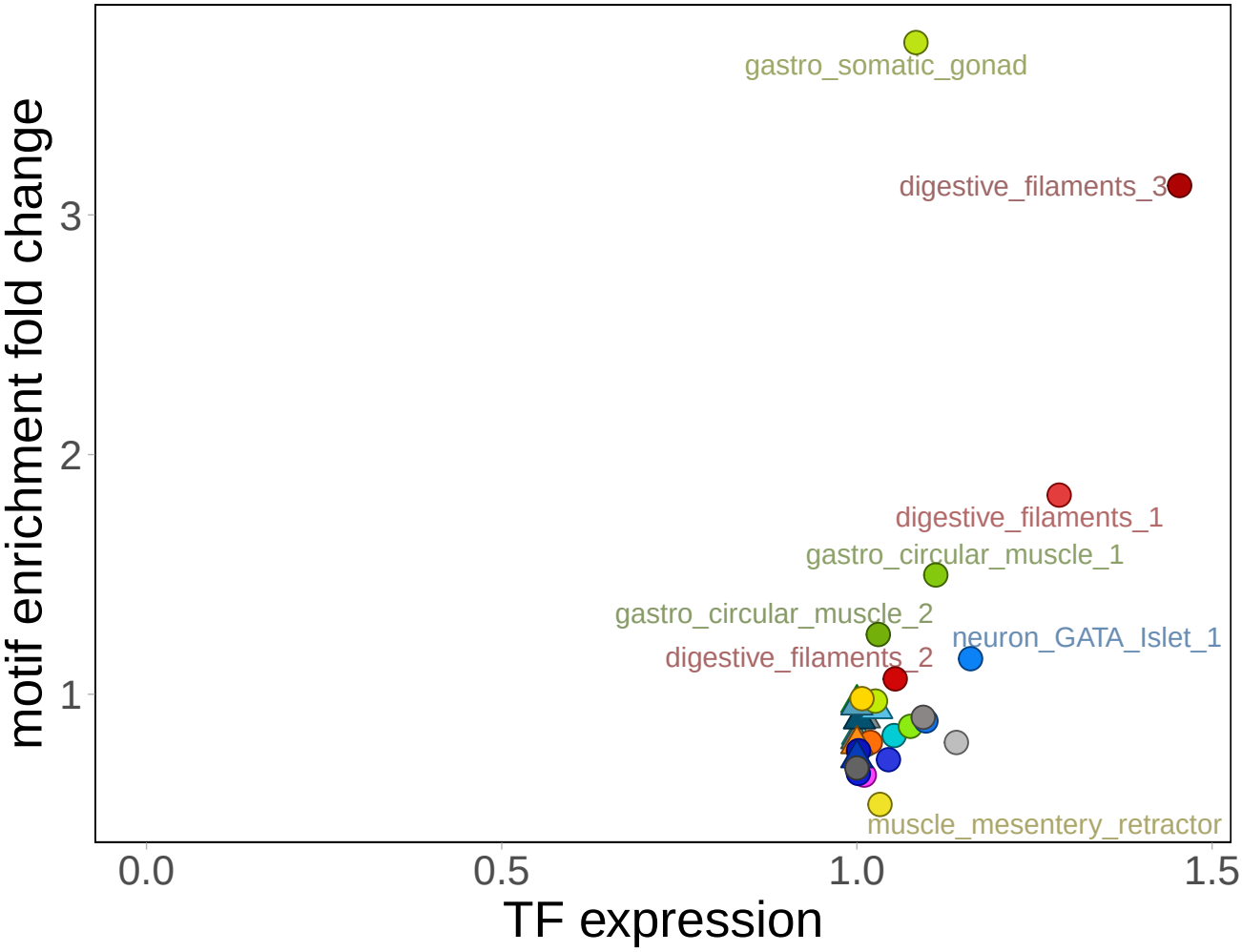
Nvec_vc1.1_XM_032379348.2
OG: Homeodomains.HG2.72:like:DMBX1
PFAM: Homeodomain
motif: ARCH636_Six1/_Six3/Six6_Six...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 26
gene expression correlation: 0.5045
gene score correlation: 0.3557



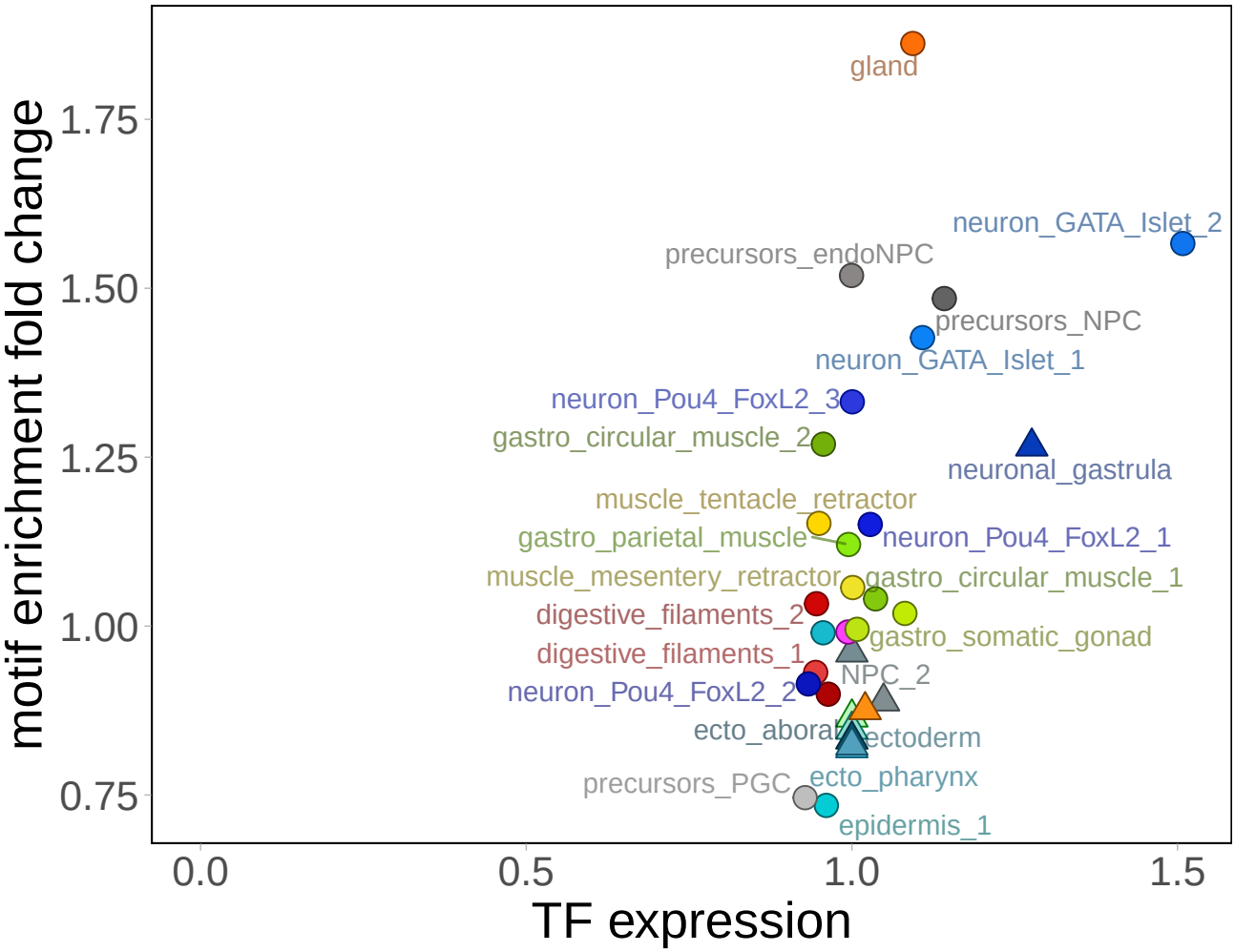
Nvec_vc1.1_XM_032379398.2
OG: Homeodomains.HG2.75:DMBX1
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 37
gene expression correlation: 0.1353
gene score correlation: 0.3206



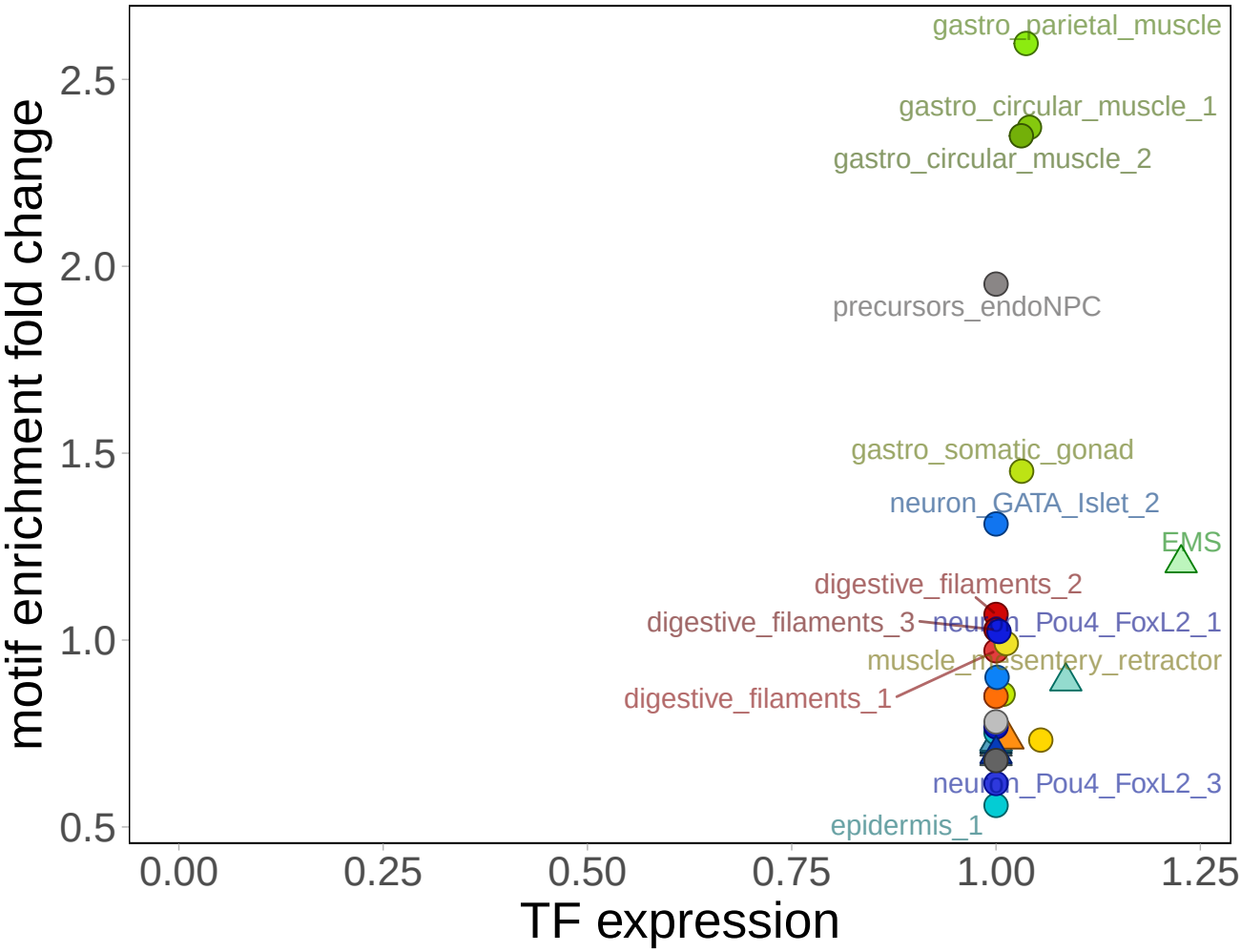
Nvec_vc1.1_XM_032379400.2
OG: Homeodomains.HG2.76:like:DMBX1
PFAM: Homeodomain
motif: ARCH1440_Dmbx1_Gsc2/Gsc//Ob...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.6466
gene score correlation: 0.4047



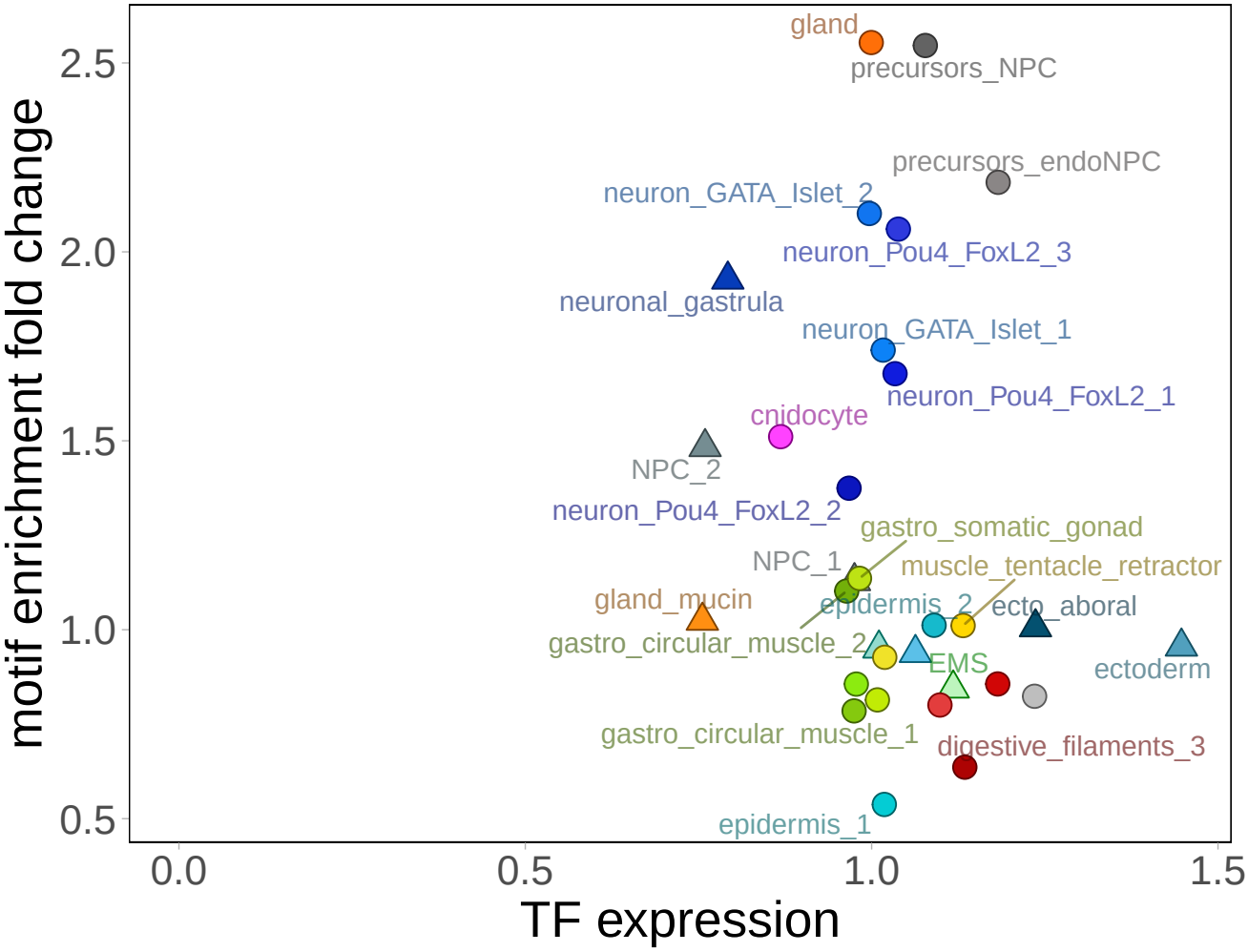
Nvec_vc1.1_XM_032379498.2
OG: zf−C2H2.HG1.6:like:AC008758.1/AC0087
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_4
motif: ARCH477_Ptf1a
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 201
gene expression correlation: 0.5504
gene score correlation: 0.1366



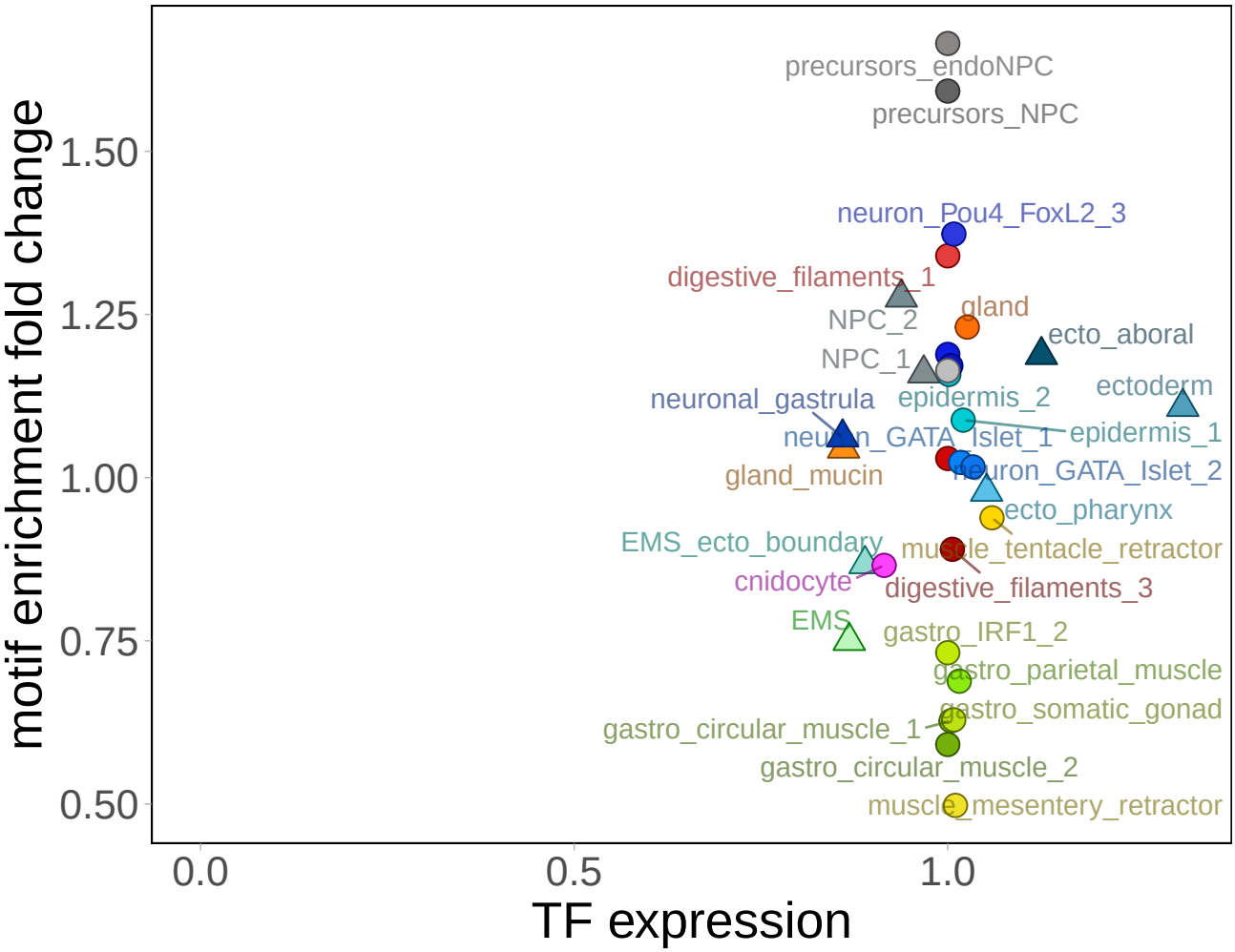
Nvec_vc1.1_XM_032379723.2
OG: Homeodomains.HG2.66:ALX1/ALX3/ALX4
PFAM: Homeodomain/OAR
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 8
gene expression correlation: 0.2264
gene score correlation: 0.6272



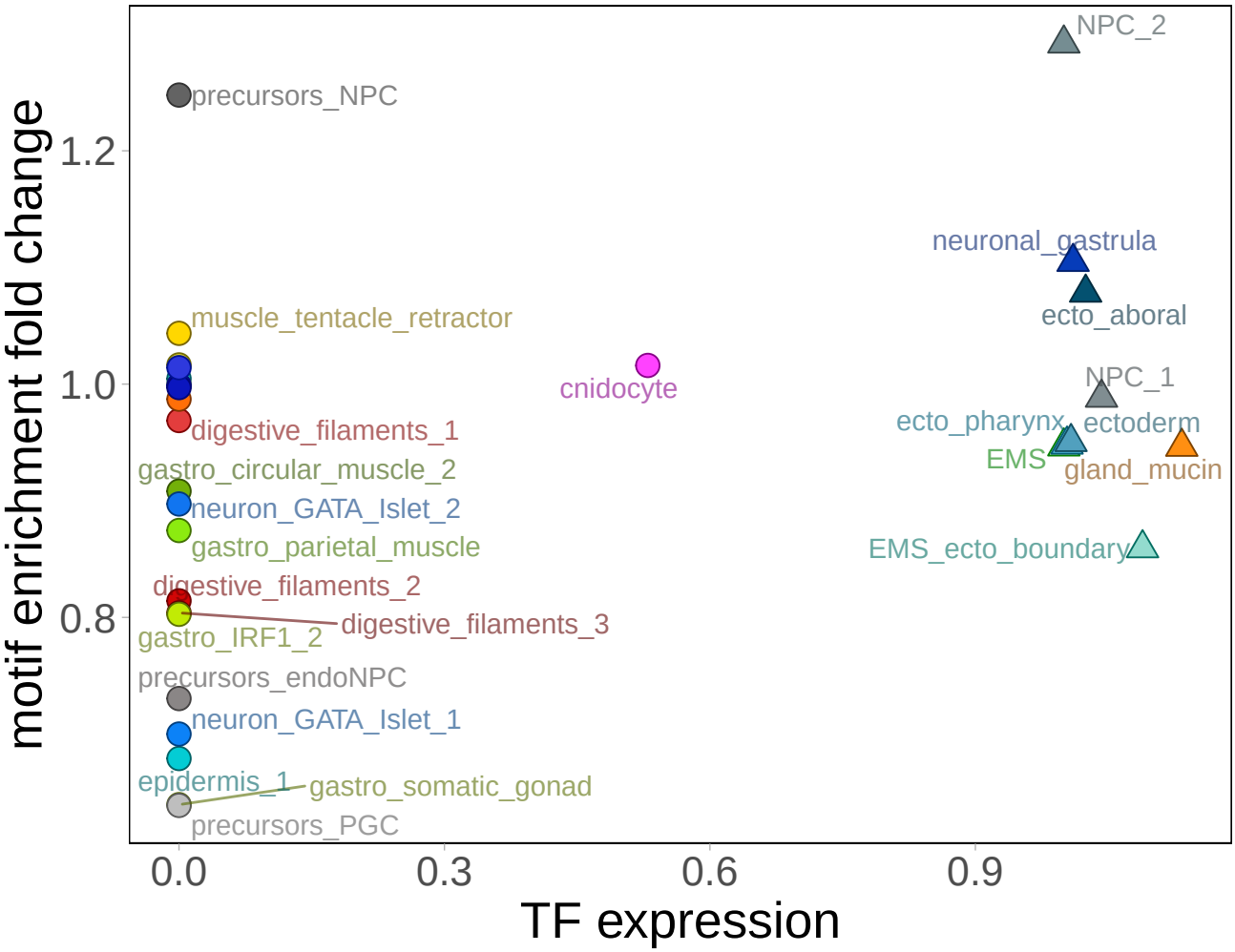
Nvec_vc1.1_XM_032379775.2
OG: HLH.HG1.16:TFAP4
PFAM: HLH
motif: ARCH745_Tfap4
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 1534
gene expression correlation: −0.2031
gene score correlation: −0.2869



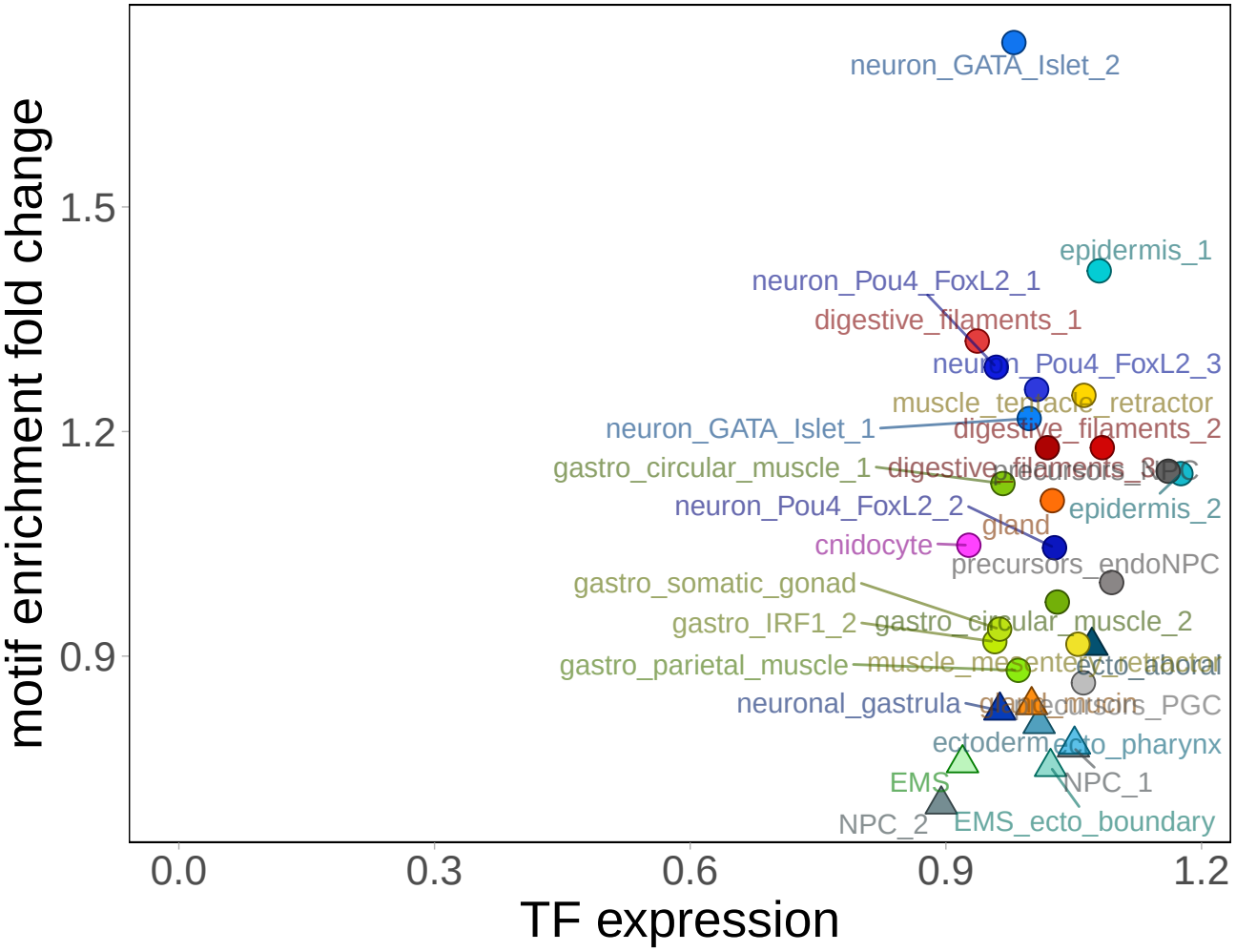
Nvec_vc1.1_XM_032380001.2
OG: Homeodomains.HG1.27:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH294_Emx1/Emx2_Hmx1/Hmx3...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1669
gene expression correlation: 0.1043
gene score correlation: −0.2116



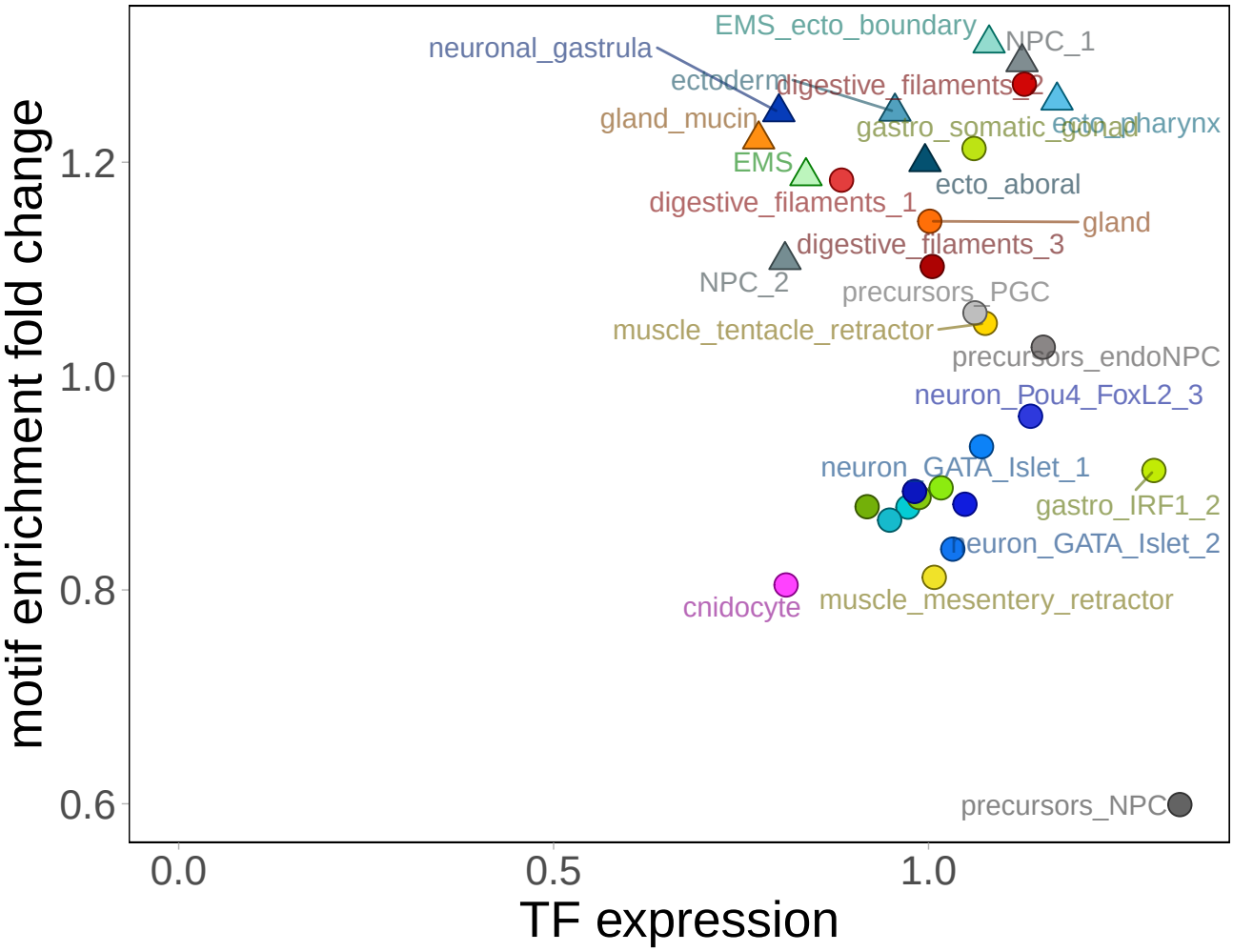
Nvec_vc1.1_XM_032380148.2
OG: T−box.HG1.2:like:MGA/TBX1/TBX2/TBX3
PFAM: T−box
motif: ARCH485_Tbx3/Tbx2
TF family: T−box
archetype family: T−box
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3470
gene score correlation: 0.3079



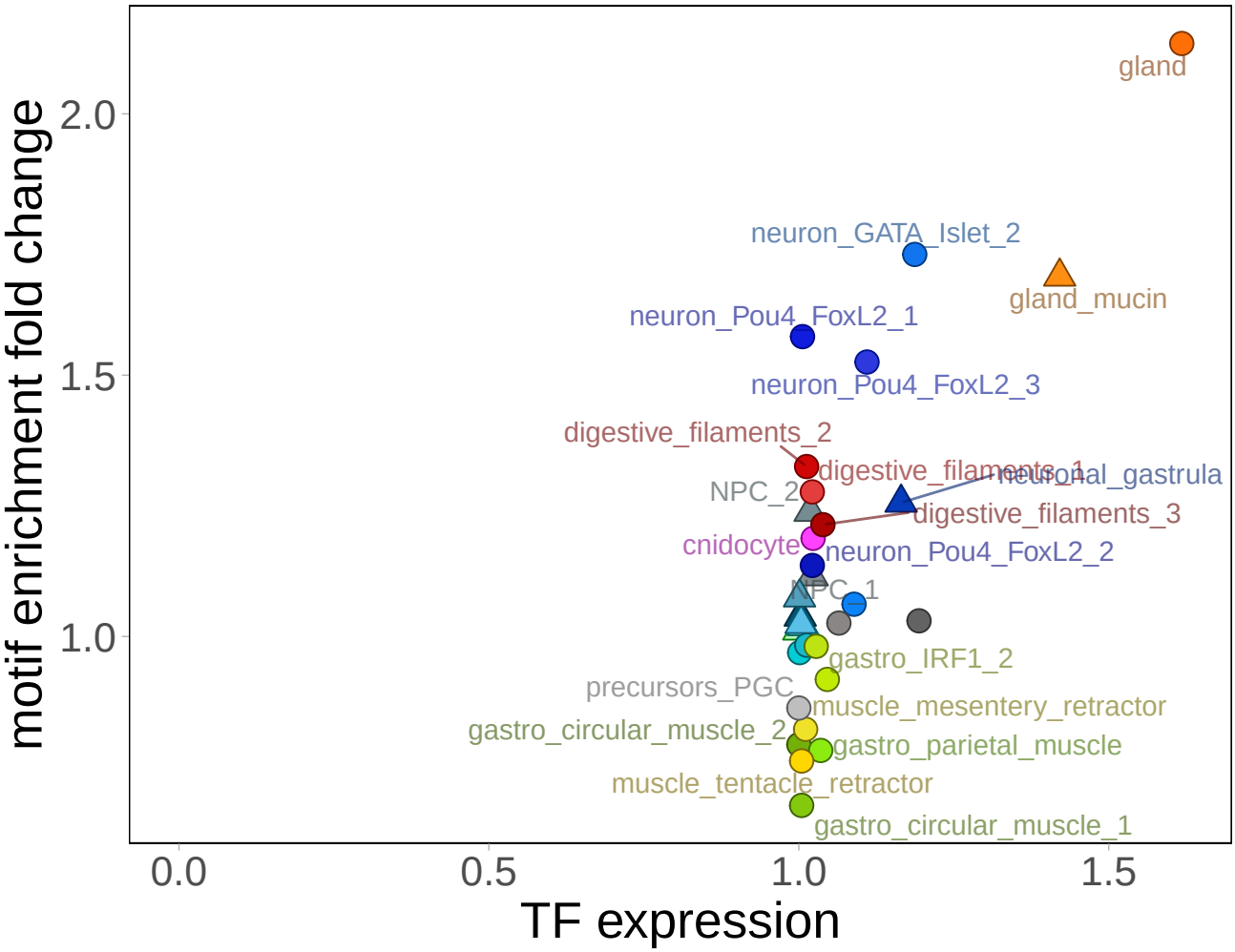
Nvec_vc1.1_XM_032380190.2
OG: Homeodomains.HG3.20:MEIS1/MEIS2/M
PFAM: Meis_PKNOX_N/Homeobox_KN
motif: ARCH146_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 214
gene expression correlation: 0.1382
gene score correlation: 0.3459



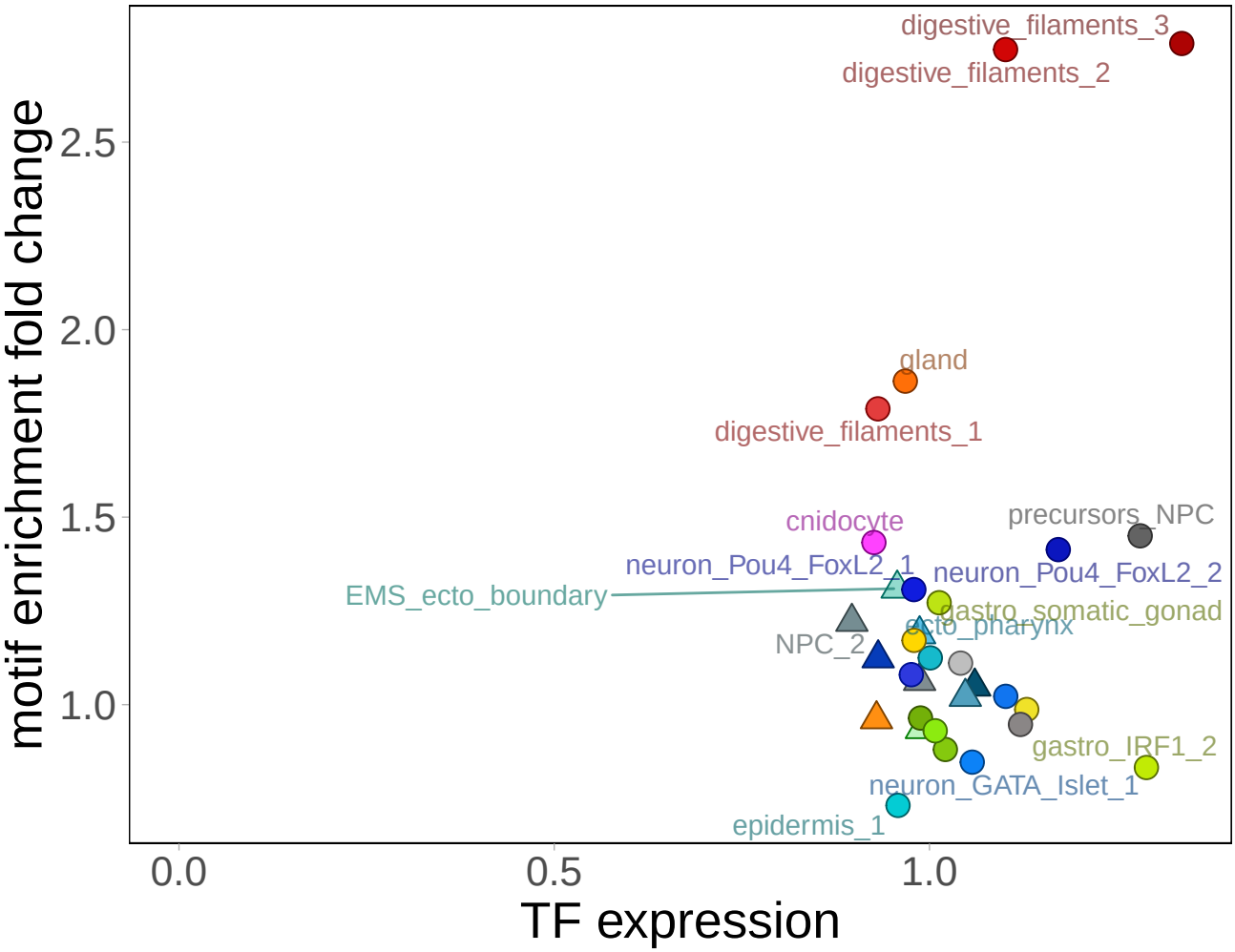
Nvec_vc1.1_XM_032380209.2
OG: HLH.HG1.40:USF1/USF2
PFAM: HLH
motif: ARCH604_YER051W
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 110
gene expression correlation: −0.2142
gene score correlation: 0.2368



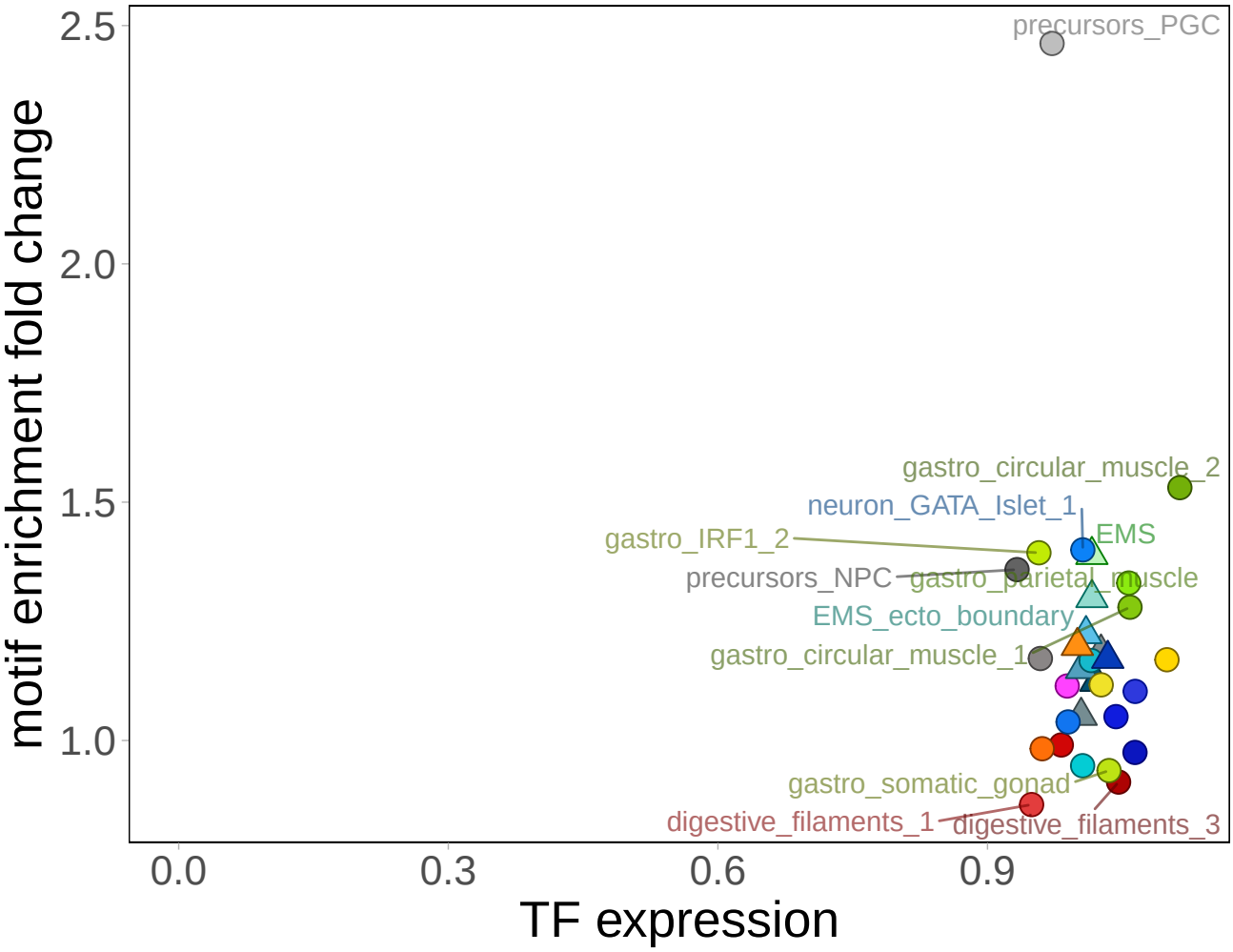
Nvec_vc1.1_XM_032380334.2
OG: RFX.HG1.6:like:RFX6
PFAM: RFX_DNA_binding
motif: ARCH864_/Rfx5
TF family: RFX
archetype family: RFX
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.7495
gene score correlation: 0.6552



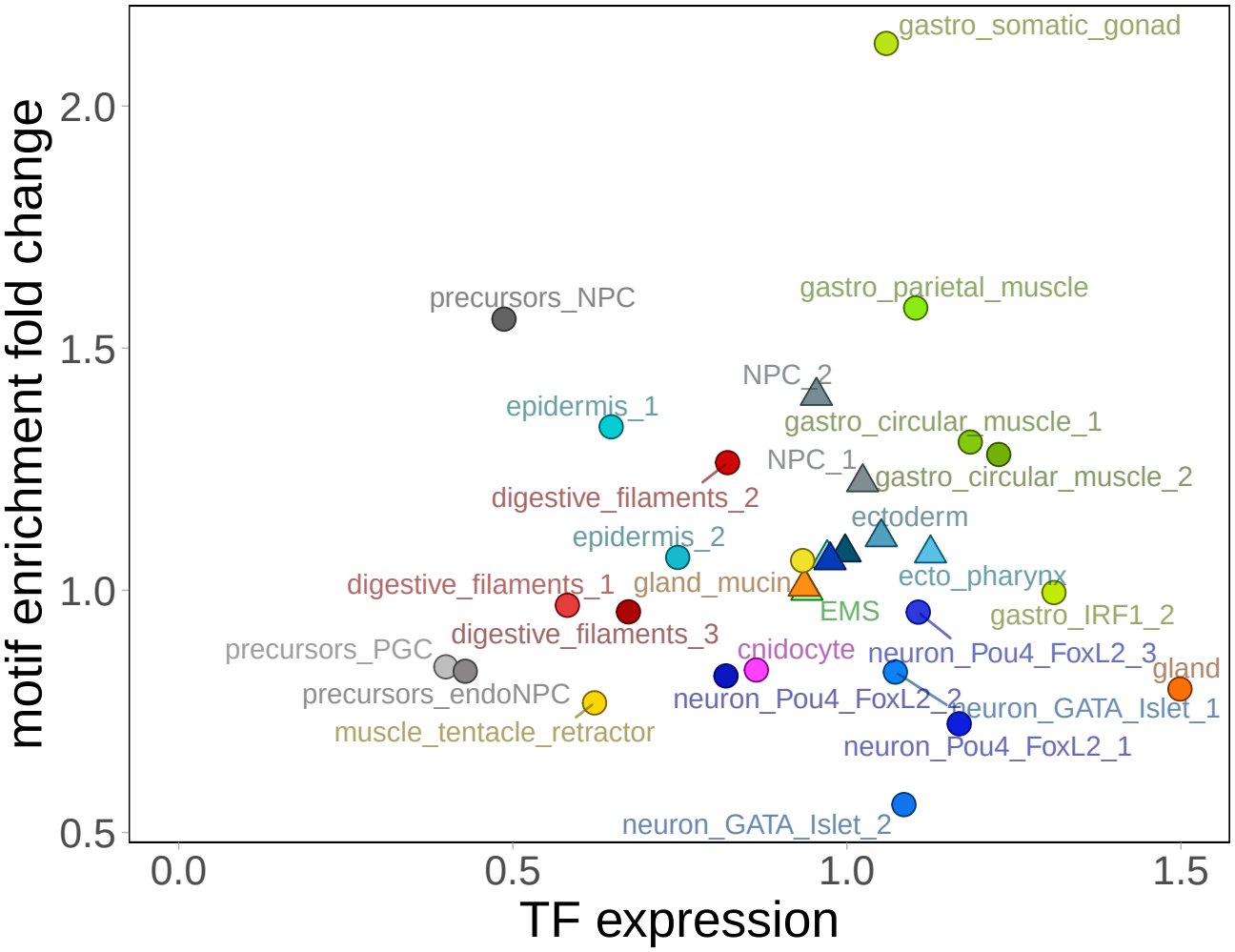
Nvec_vc1.1_XM_032380573.2
OG: SMAD_MH1.HG1.0:SMAD6/SMAD7
PFAM: MH1/MH2
motif: ARCH888_Foxo1
TF family: SMAD_MH1
archetype family:
CisBP assigned: FALSE
rank: 410
gene expression correlation: 0.2997
gene score correlation: 0.0516



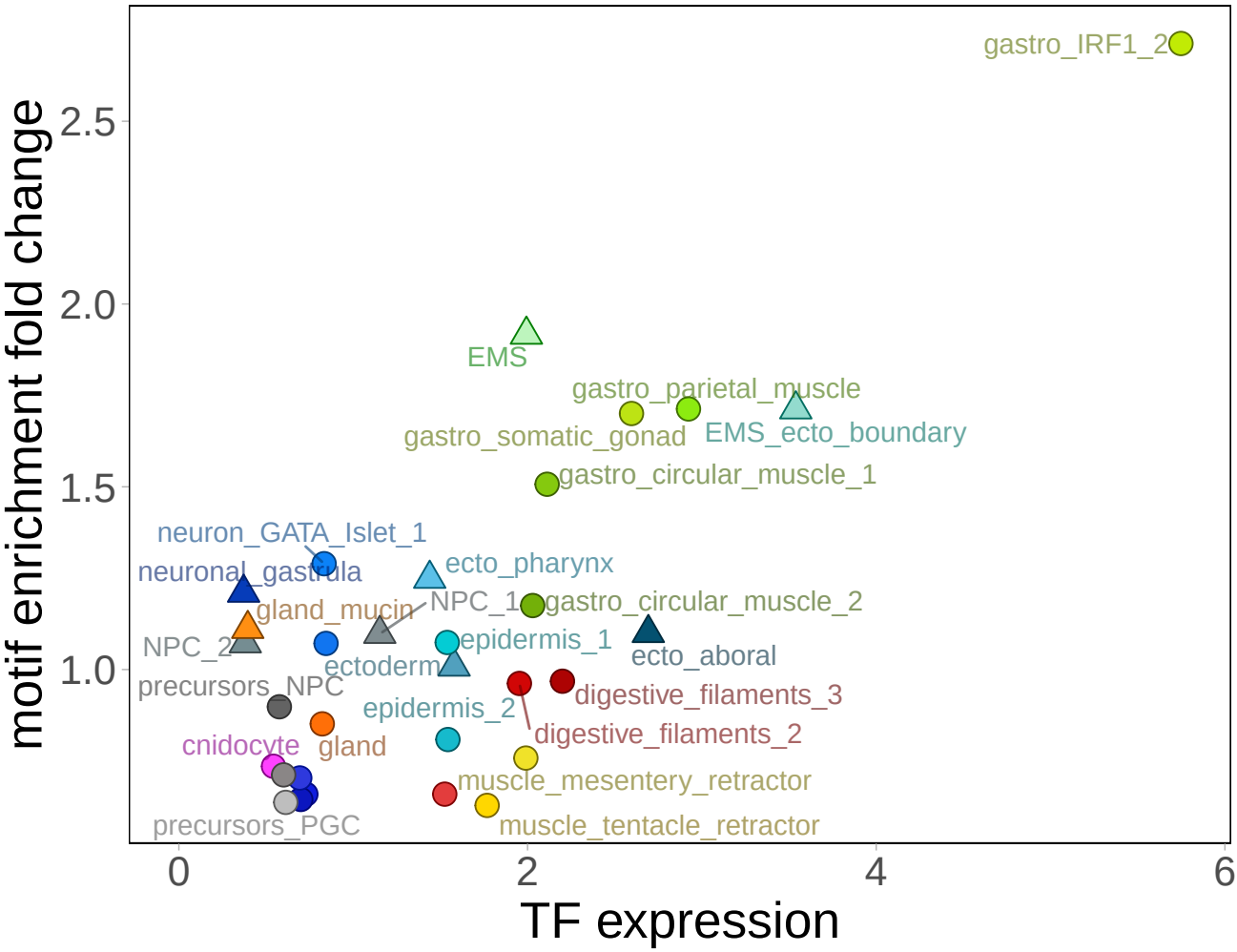
Nvec_vc1.1_XM_032380735.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 328
gene expression correlation: −0.0675
gene score correlation: 0.2632



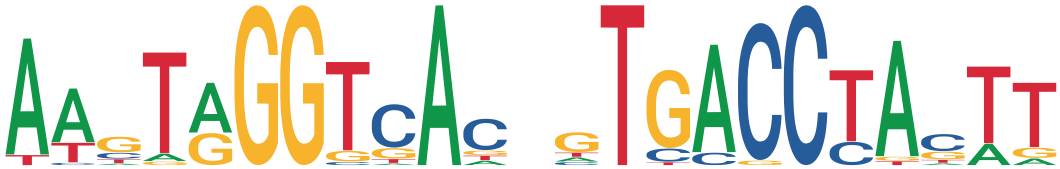
Nvec_vc1.1_XM_032380829.2
OG: zf−C4_Nuclear_receptors.HG1.2:NR2C1/
PFAM: zf−C4/Hormone_recep
motif: ARCH1497_Hnf4g/Hnf4a_Nr2c1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 173
gene expression correlation: 0.0424
gene score correlation: 0.2754

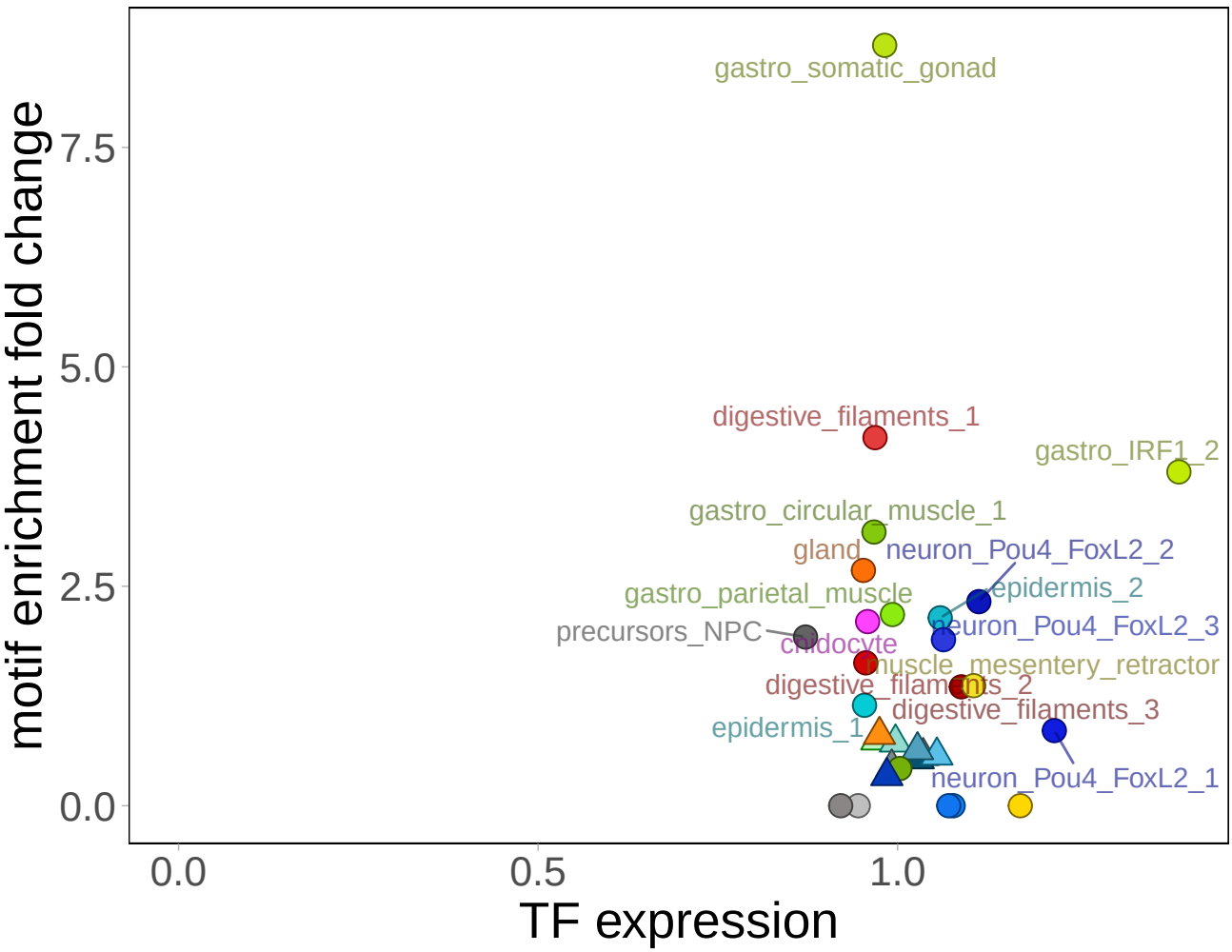


Nvec_vc1.1_XM_032380975.2
OG: Ets.HG1.5:ERF/ERFL/ERG/ETV3/ETV3L/
PFAM: SAM_PNT/Ets
motif: ARCH584_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 162
gene expression correlation: 0.7617
gene score correlation: 0.4403

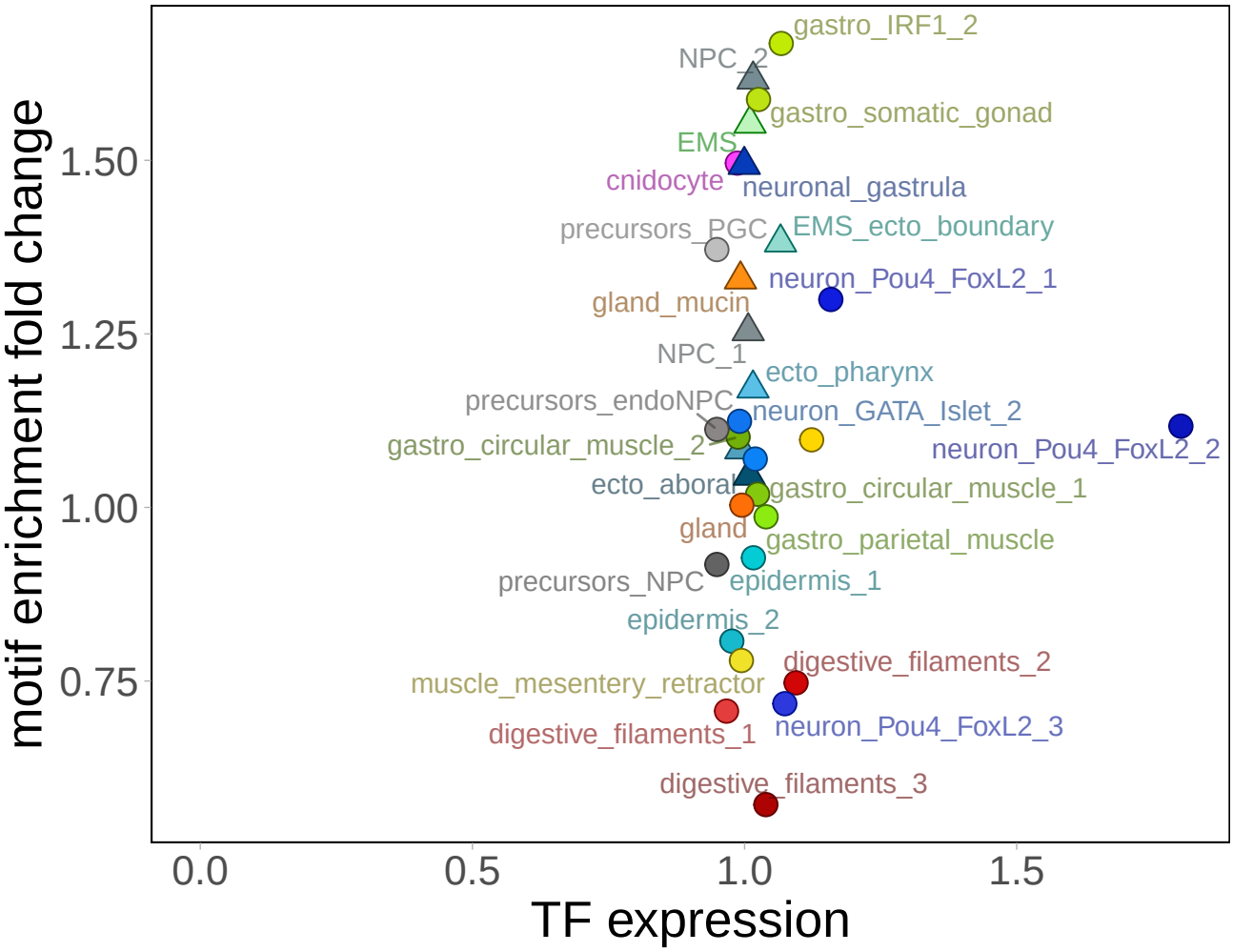


Nvec_vc1.1_XM_032381044.2
OG: zf−C4_Nuclear_receptors.HG1.3:like:AR/E
PFAM: zf−C4/Hormone_recep
motif: ARCH940_Nr2c1/Nr2c2_Nr2f1/N...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 1037
gene expression correlation: 0.0244
gene score correlation: −0.0026

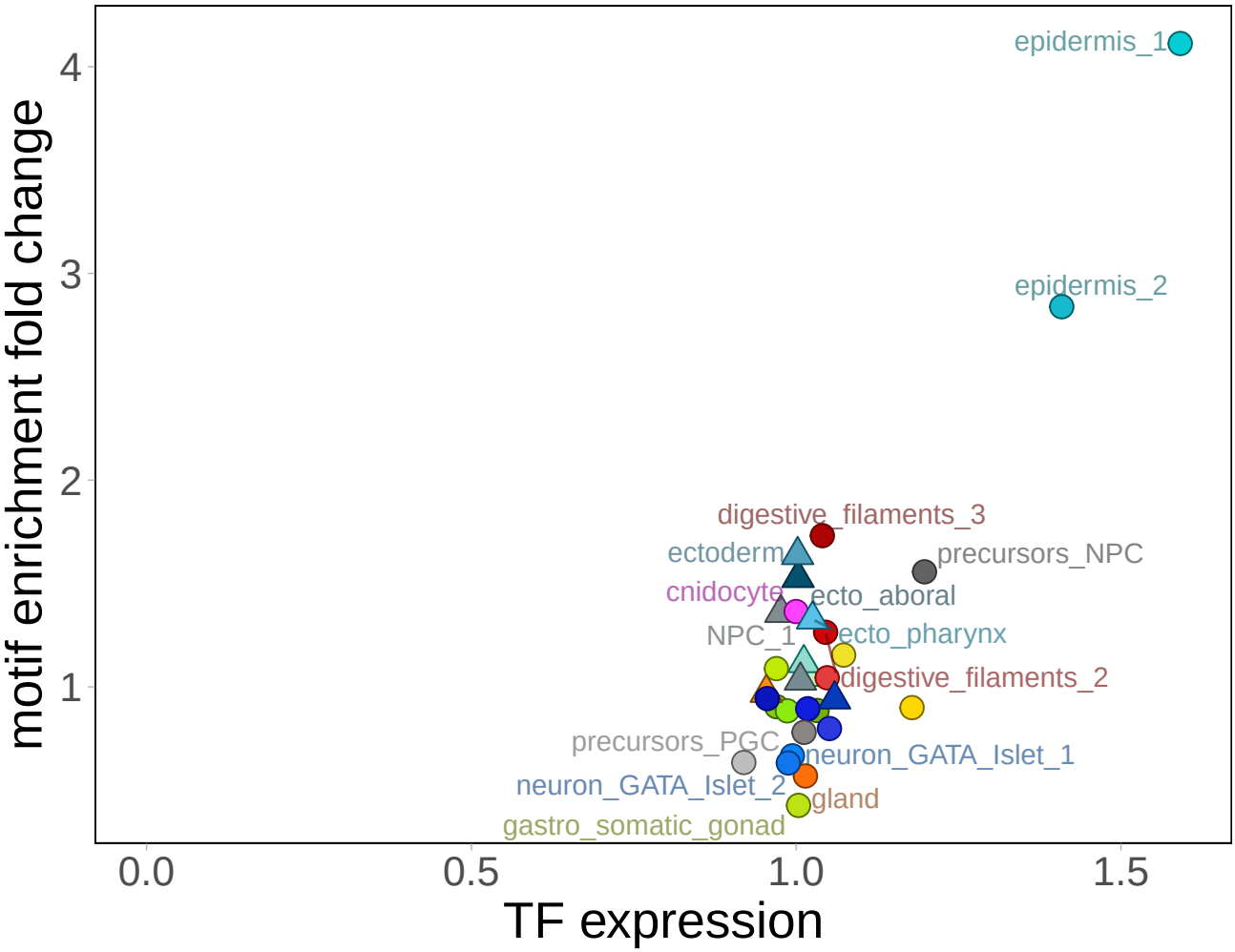




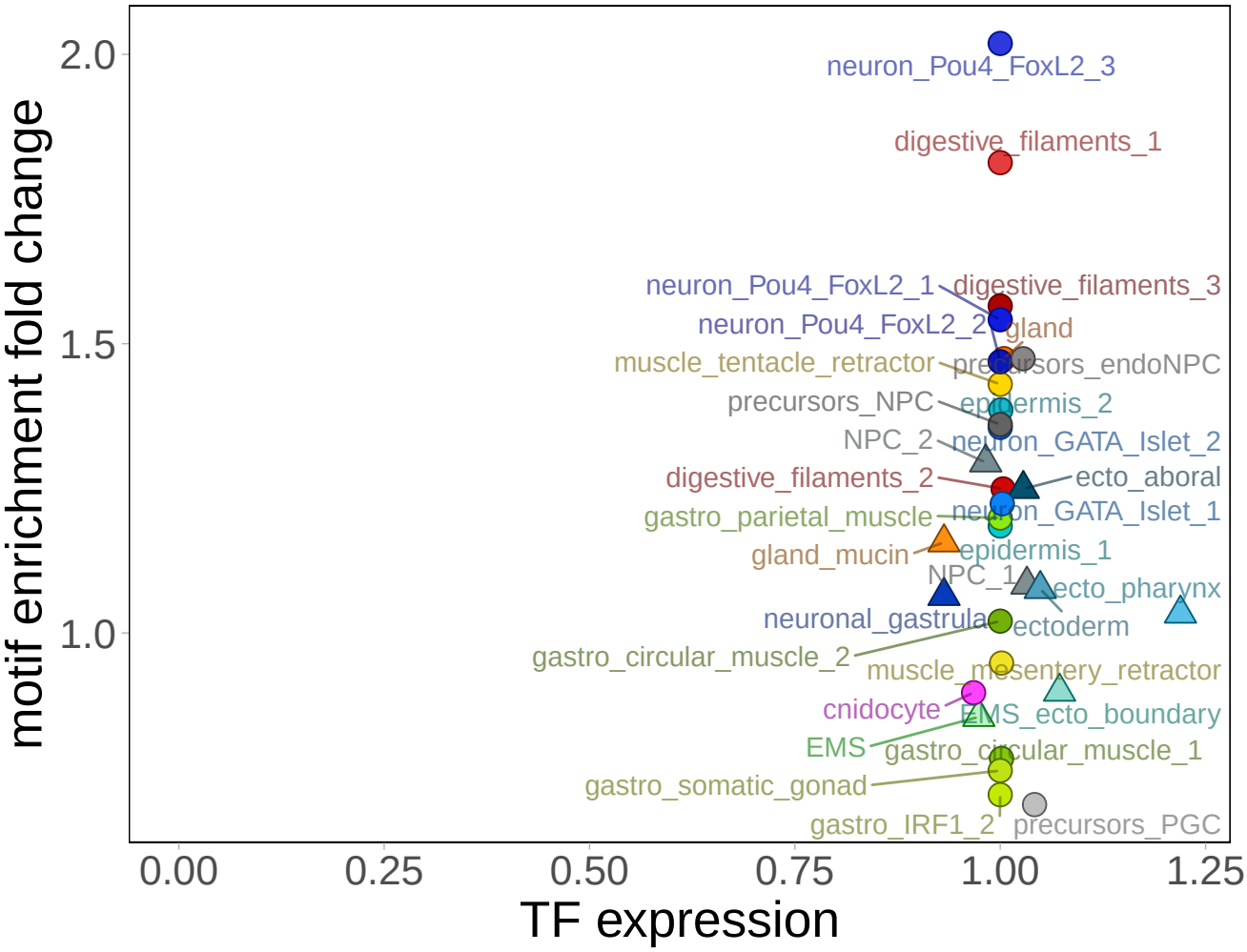
Nvec_vc1.1_XM_032381049.2
OG: HLH.HG1.39:like:USF1/USF2
PFAM: HLH
motif: ARCH1575_Usf3
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 120
gene expression correlation: 0.0006
gene score correlation: 0.1110



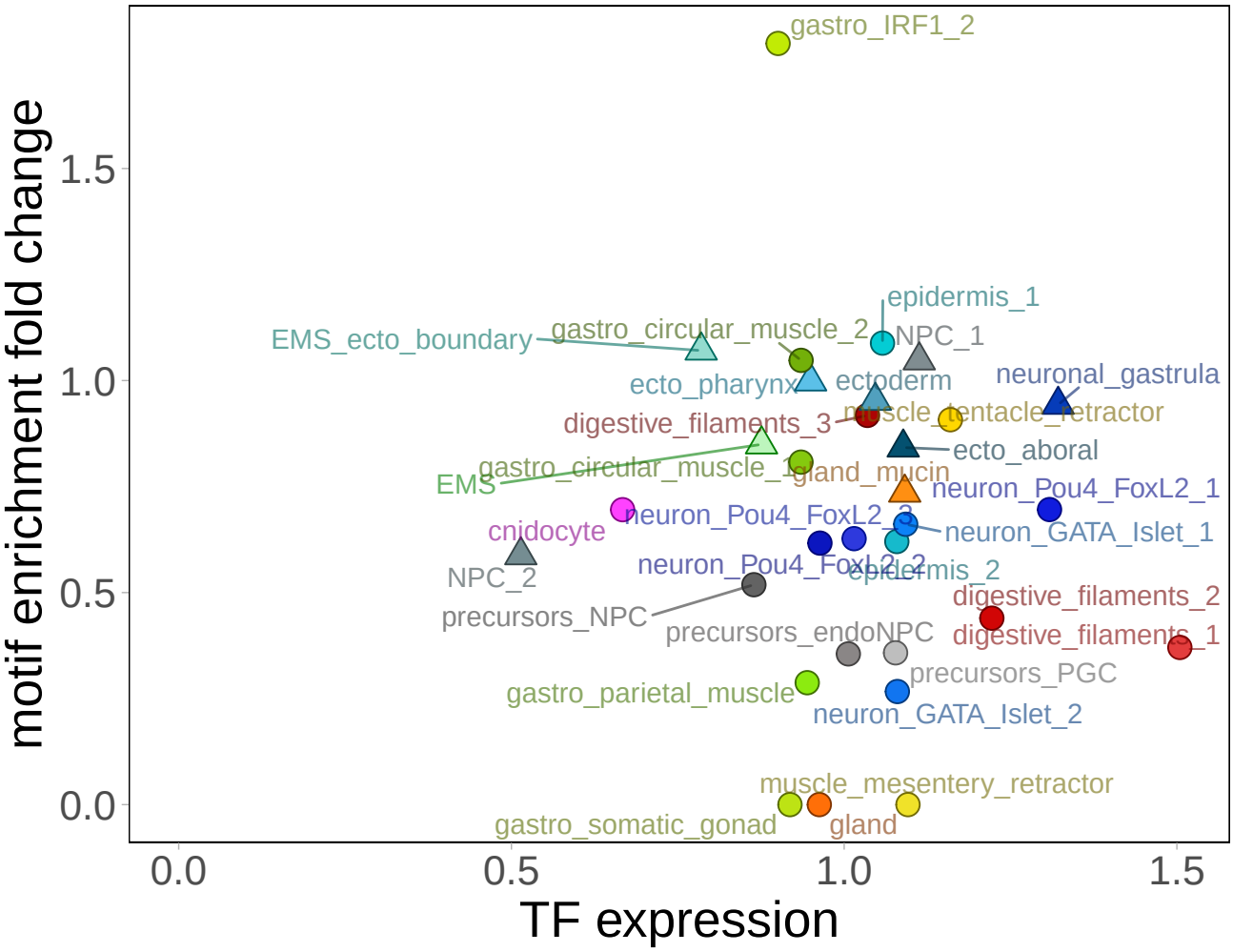
Nvec_vc1.1_XM_032381059.2
OG: Homeodomains.HG3.2:CERS2/CERS3/C
PFAM: Homeodomain/TRAM_LAG1_CLN8
motif: ARCH873_Pax5/Pax8/Pax2
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.8604
gene score correlation: 0.3934



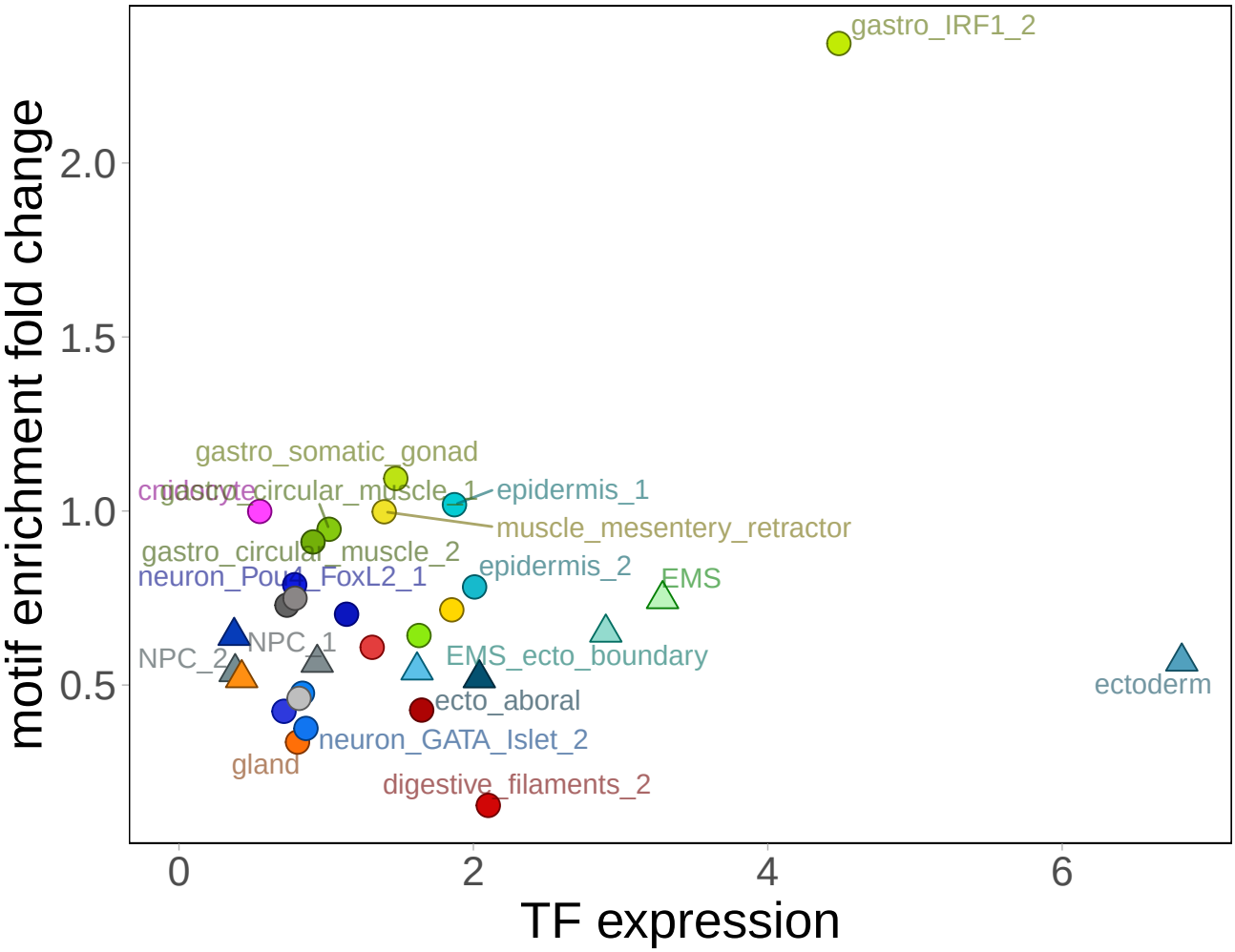
Nvec_vc1.1_XM_032381099.2
OG: Homeodomains.HG1.27:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH271_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 72
gene expression correlation: −0.1115
gene score correlation: −0.2934



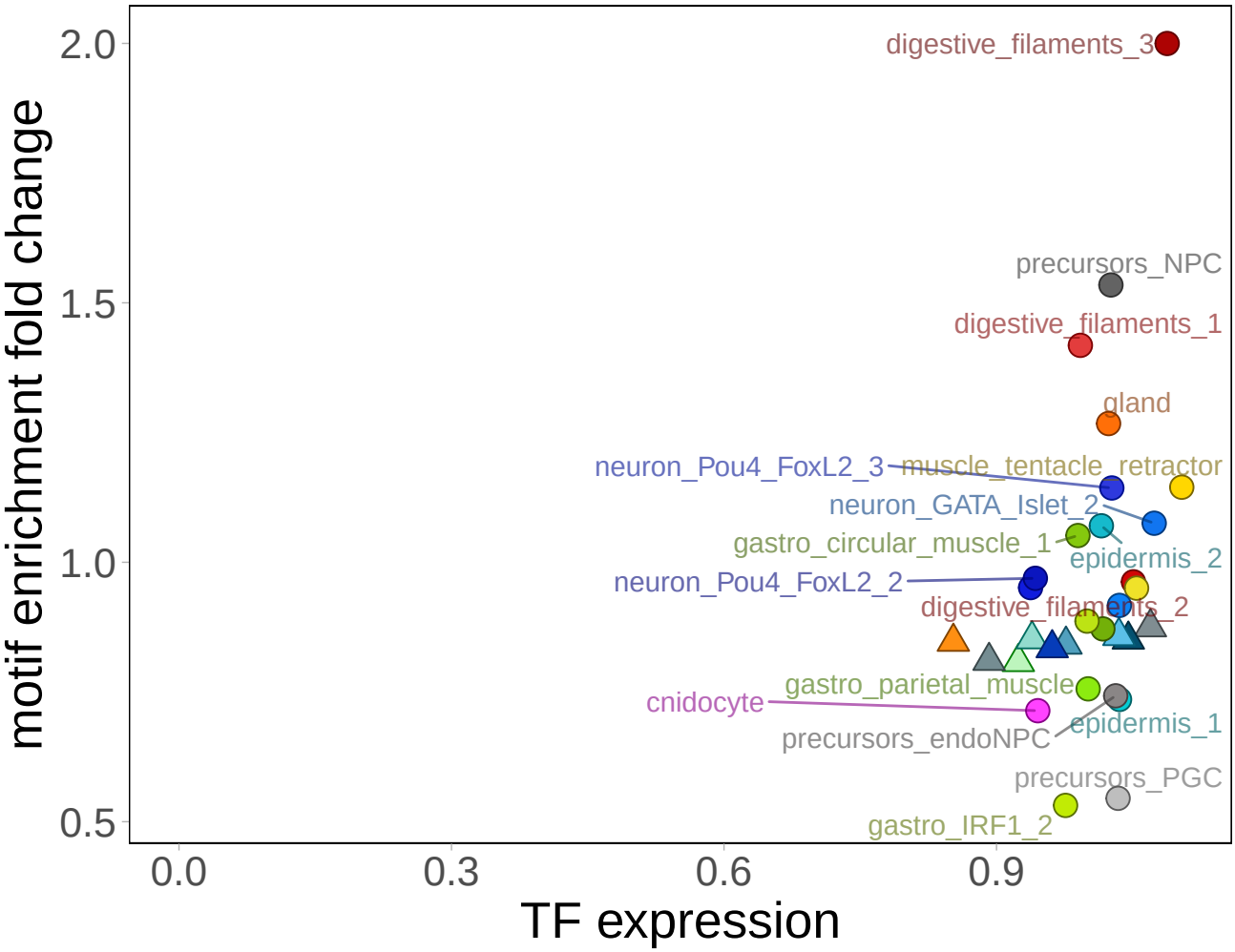
Nvec_vc1.1_XM_032381562.2
OG: zf−C2H2.HG2.18:like:KLF5/KLF6/KLF7
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH347_Klf1/Klf4/Klf2_Klf1...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 411
gene expression correlation: −0.0973
gene score correlation: 0.2994



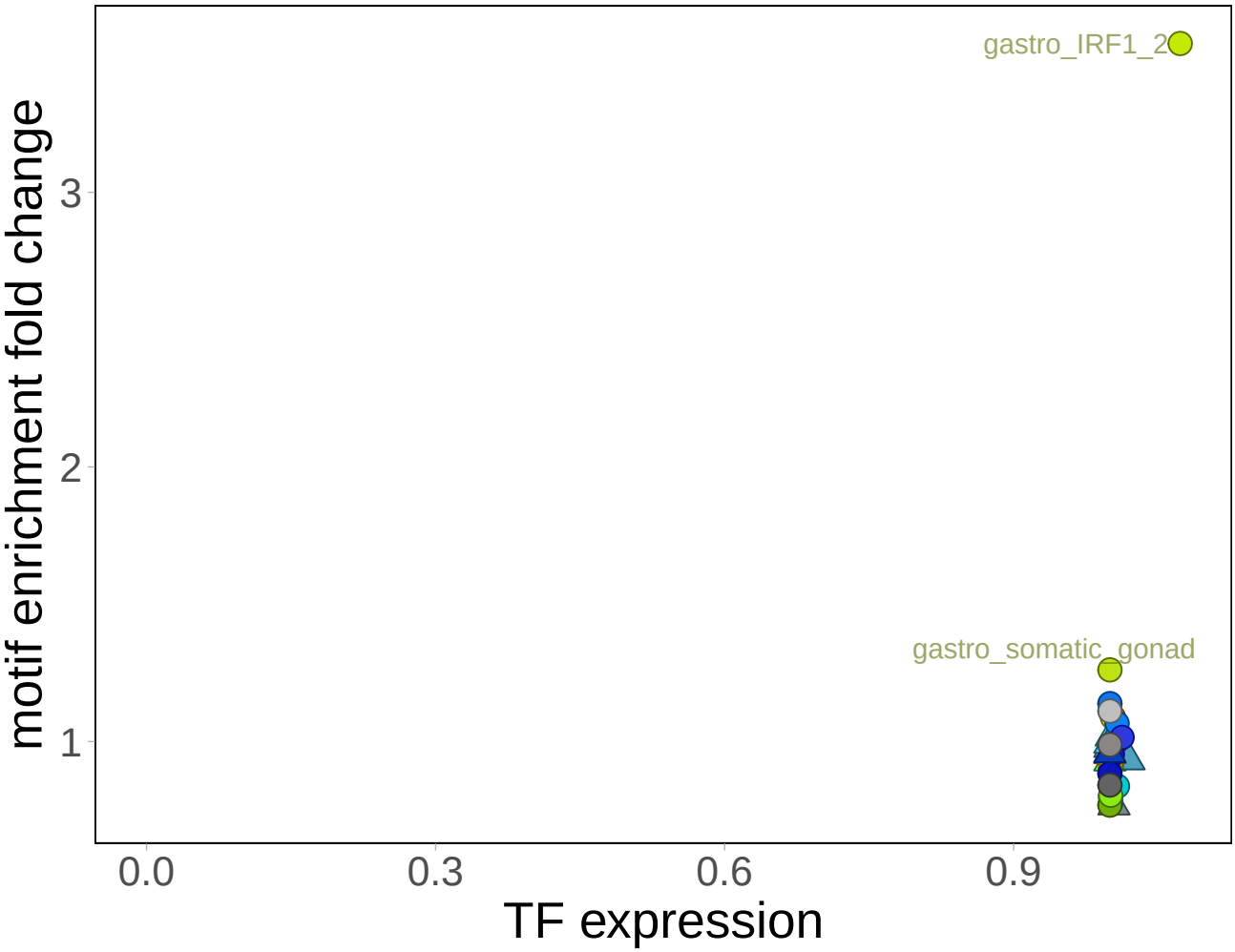
Nvec_vc1.1_XM_032381586.2
OG: zf−C2H2.HG2.21:KLF5
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH346_Klf1/Klf4/Klf2_Klf1...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 448
gene expression correlation: 0.3141
gene score correlation: 0.2181



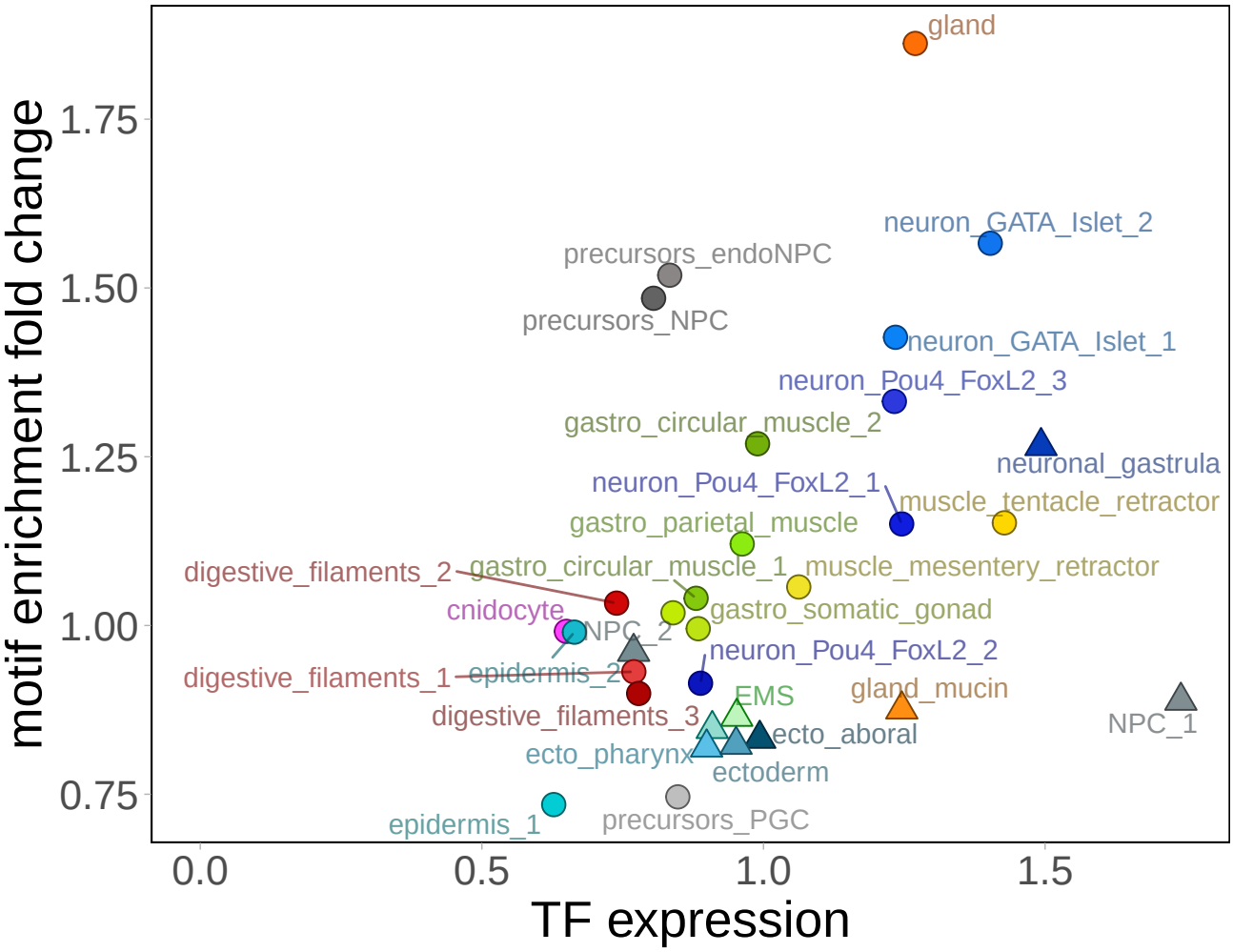
Nvec_vc1.1_XM_032381587.2
OG: HMGbox_Sox.HG1.51:like:SMARCE1
PFAM: HMG_box
motif: ARCH1403_PUM
TF family: HMGbox_Sox
archetype family:
CisBP assigned: FALSE
rank: 906
gene expression correlation: 0.3561
gene score correlation: −0.1215



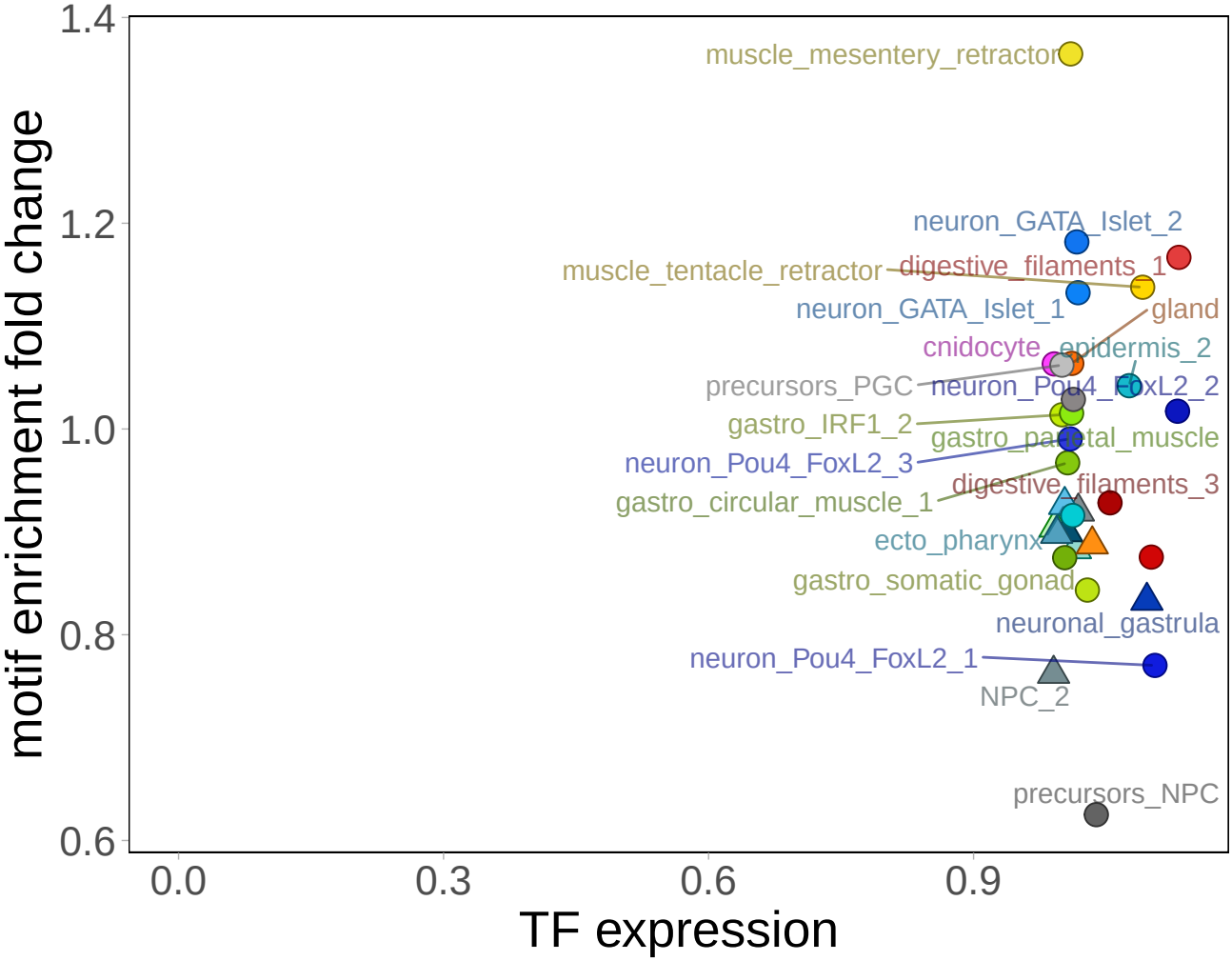
Nvec_vc1.1_XM_032381617.2
OG: Doublesex_DM.HG1.18:like:DMRT3
PFAM: DM
motif: ARCH171_PRDM1
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: FALSE
rank: 509
gene expression correlation: 0.9175
gene score correlation: 0.2321



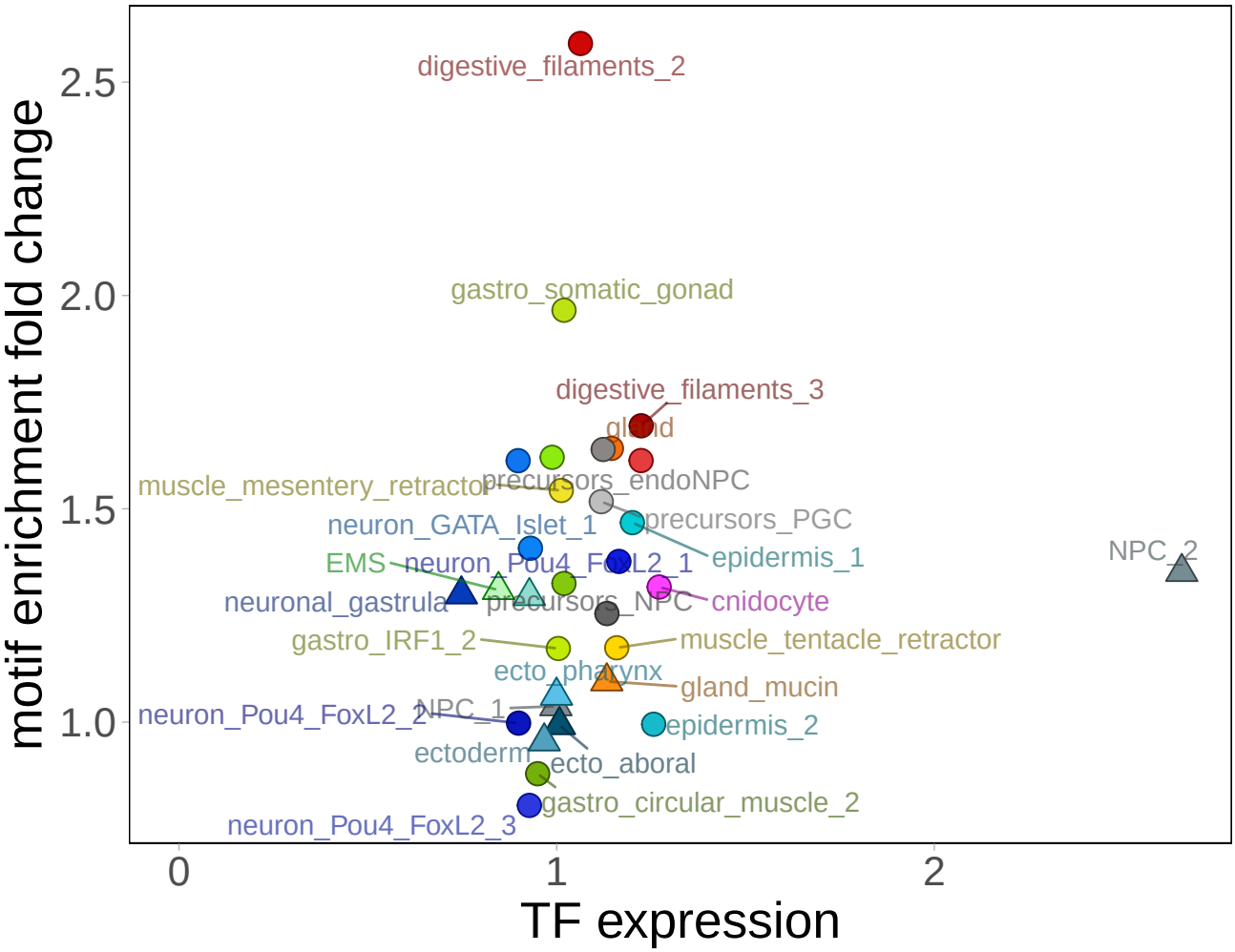
Nvec_vc1.1_XM_032382158.2
OG: HLH.HG1.45:TCF3/TCF4/TCF12
PFAM: HLH
motif: ARCH477_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.3646
gene score correlation: 0.6904



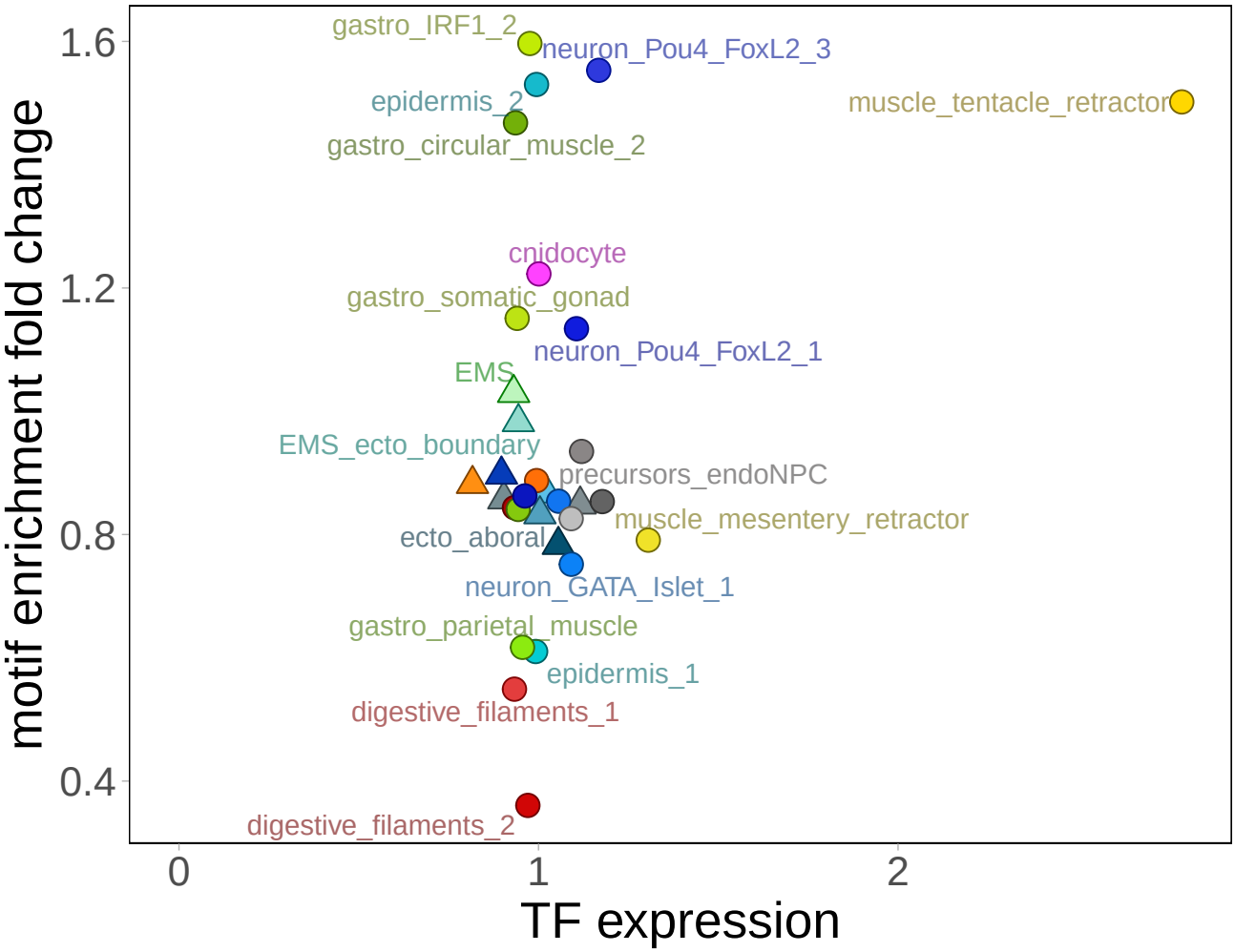
Nvec_vc1.1_XM_032382208.2
OG: zf−C2H2.HG94.0:NA
PFAM: zf−C2H2/zf−C2H2_4/zf−C2H2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.0046
gene score correlation: 0.3812



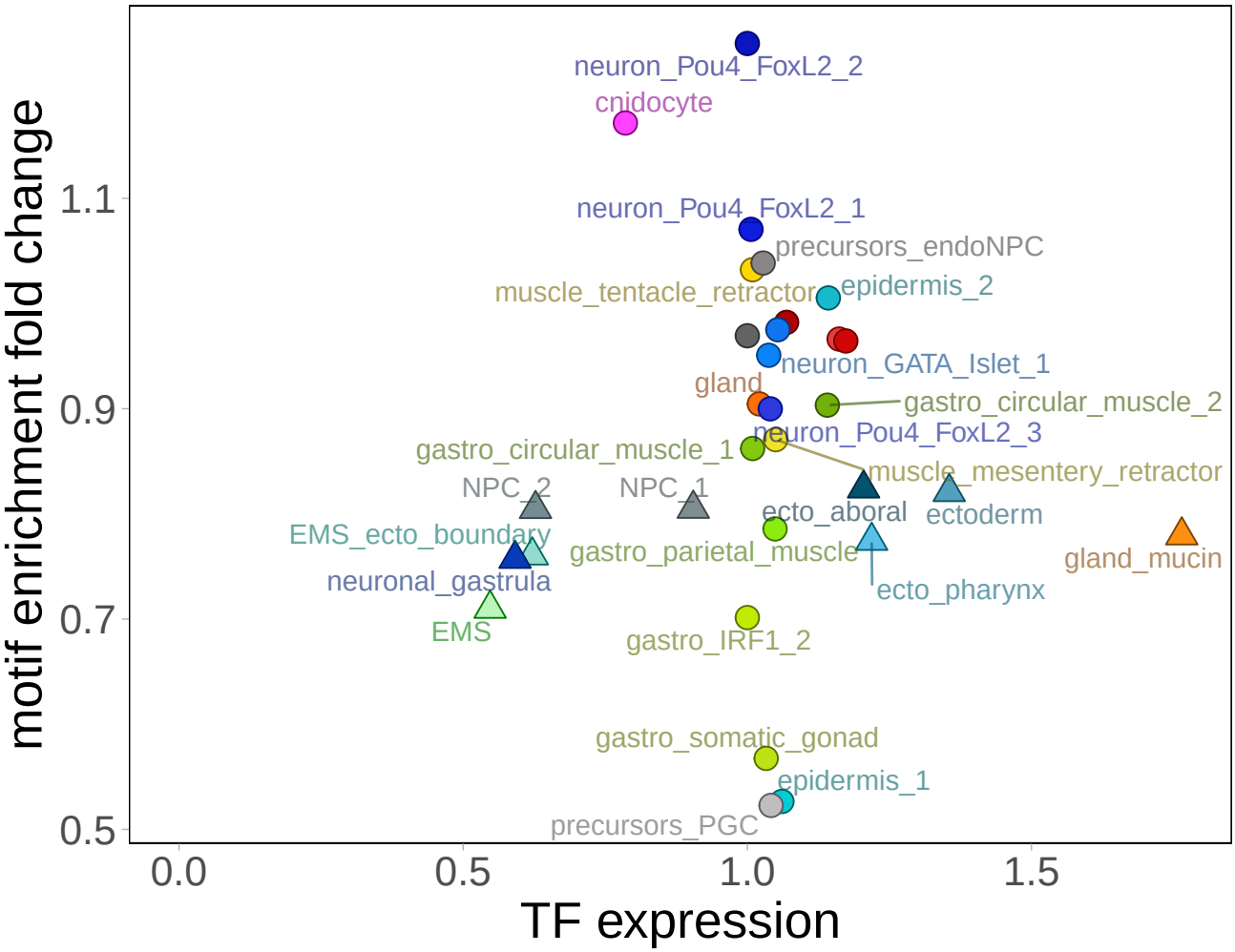
Nvec_vc1.1_XM_032382395.2
OG: Homeodomains.HG3.34:TGIF1
PFAM: Homeobox_KN
motif: ARCH1502_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 41
gene expression correlation: 0.0776
gene score correlation: 0.1493



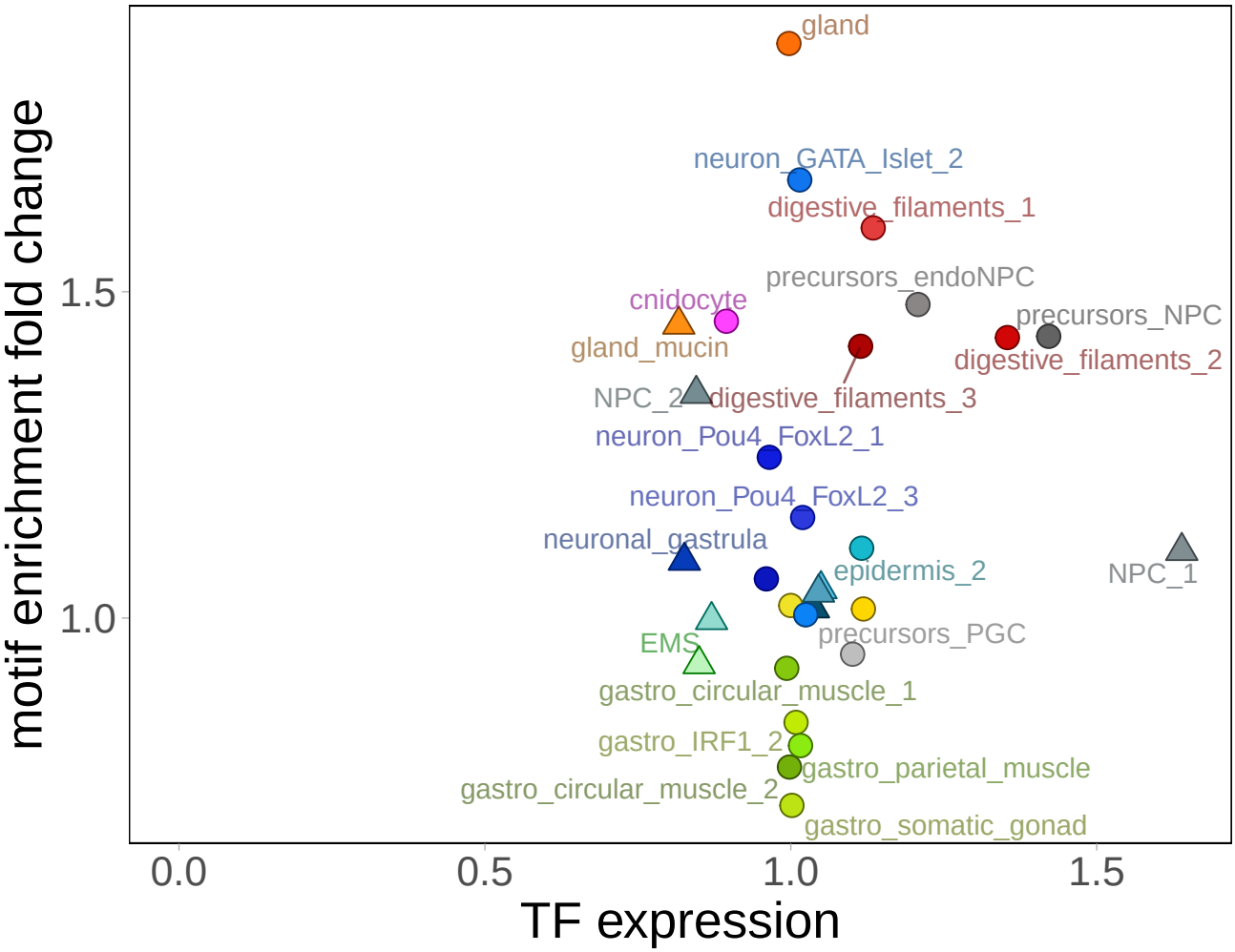
Nvec_vc1.1_XM_032382402.2
OG: zf−C2H2.HG1.24:like:AC008758.1/AC008
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH502_M06063_2.00
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3265
gene score correlation: 0.5866



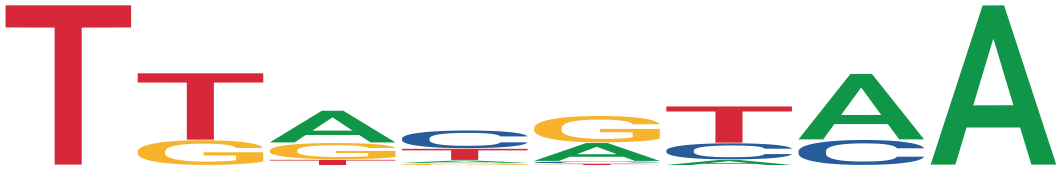
Nvec_vc1.1_XM_032382520.2
OG: Doublesex_DM.HG1.8:like:DMRT1/DMRT
PFAM: DM/DMA
motif: ARCH1070_Dmrtc2_Irx6
TF family: Doublesex_DM
archetype family: Doublesex_DM
CisBP assigned: TRUE
rank: 885
gene expression correlation: 0.0353
gene score correlation: 0.2118

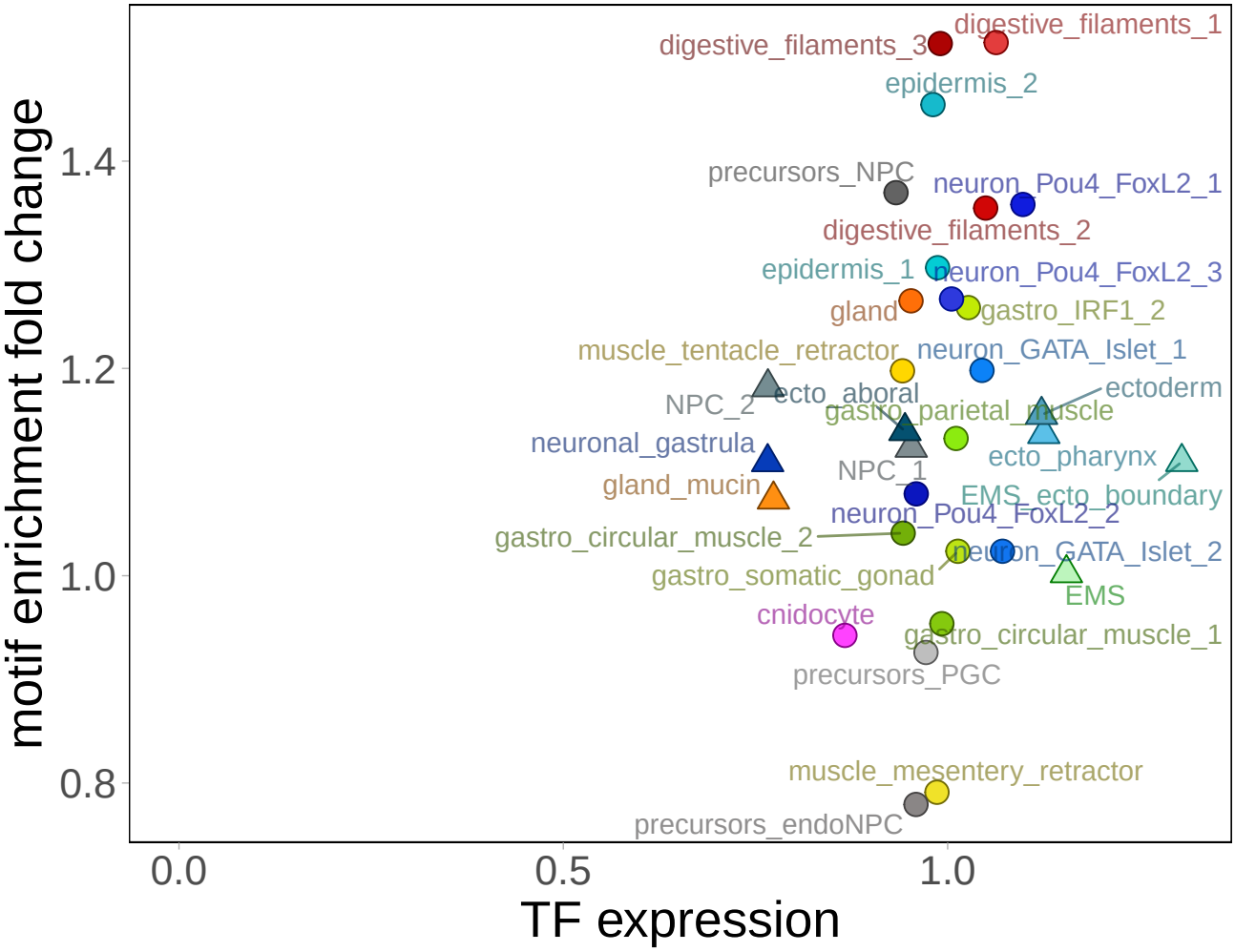


Nvec_vc1.1_XM_032382712.2
OG: RFX.HG1.1:RFX5/RFX7
PFAM: RFX5_N/RFX_DNA_binding
motif: ARCH653_/Rfx5
TF family: RFX
archetype family: RFX
CisBP assigned: TRUE
rank: 303
gene expression correlation: 0.1443
gene score correlation: 0.2816

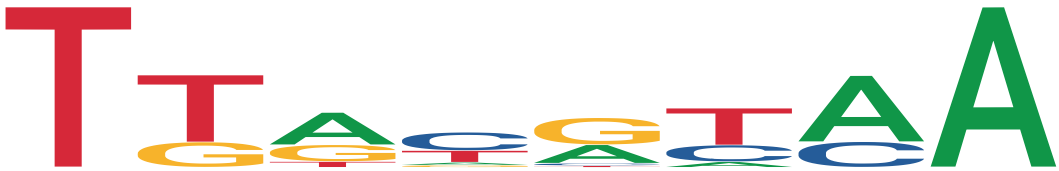


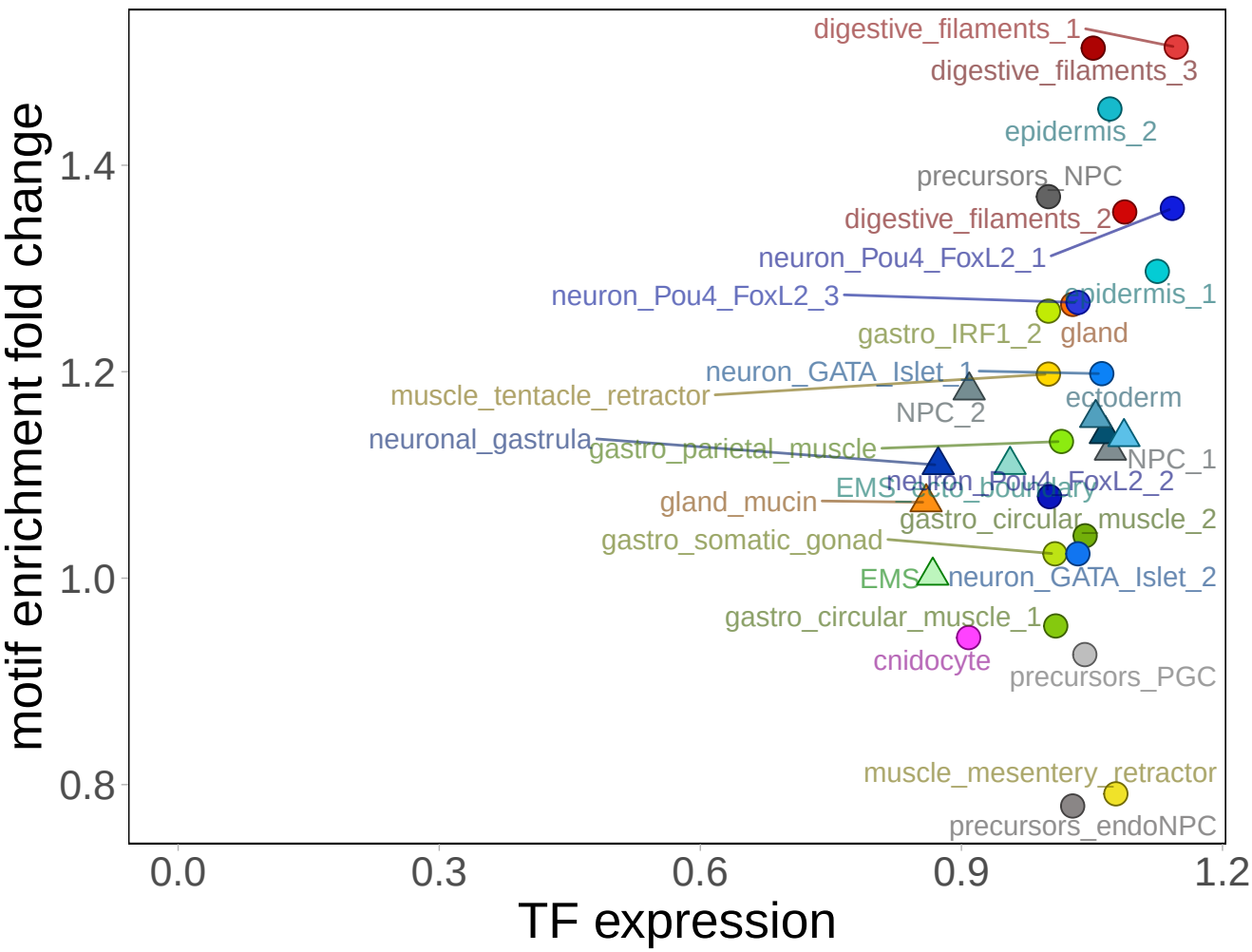
Nvec_vc1.1_XM_032382719.2
OG: P53.HG1.5:like:TP53/TP63/TP73
PFAM: P53/P53_tetramer
motif: ARCH1063_NFIL3
TF family: P53
archetype family:
CisBP assigned: FALSE
rank: 517
gene expression correlation: 0.1048
gene score correlation: −0.2048



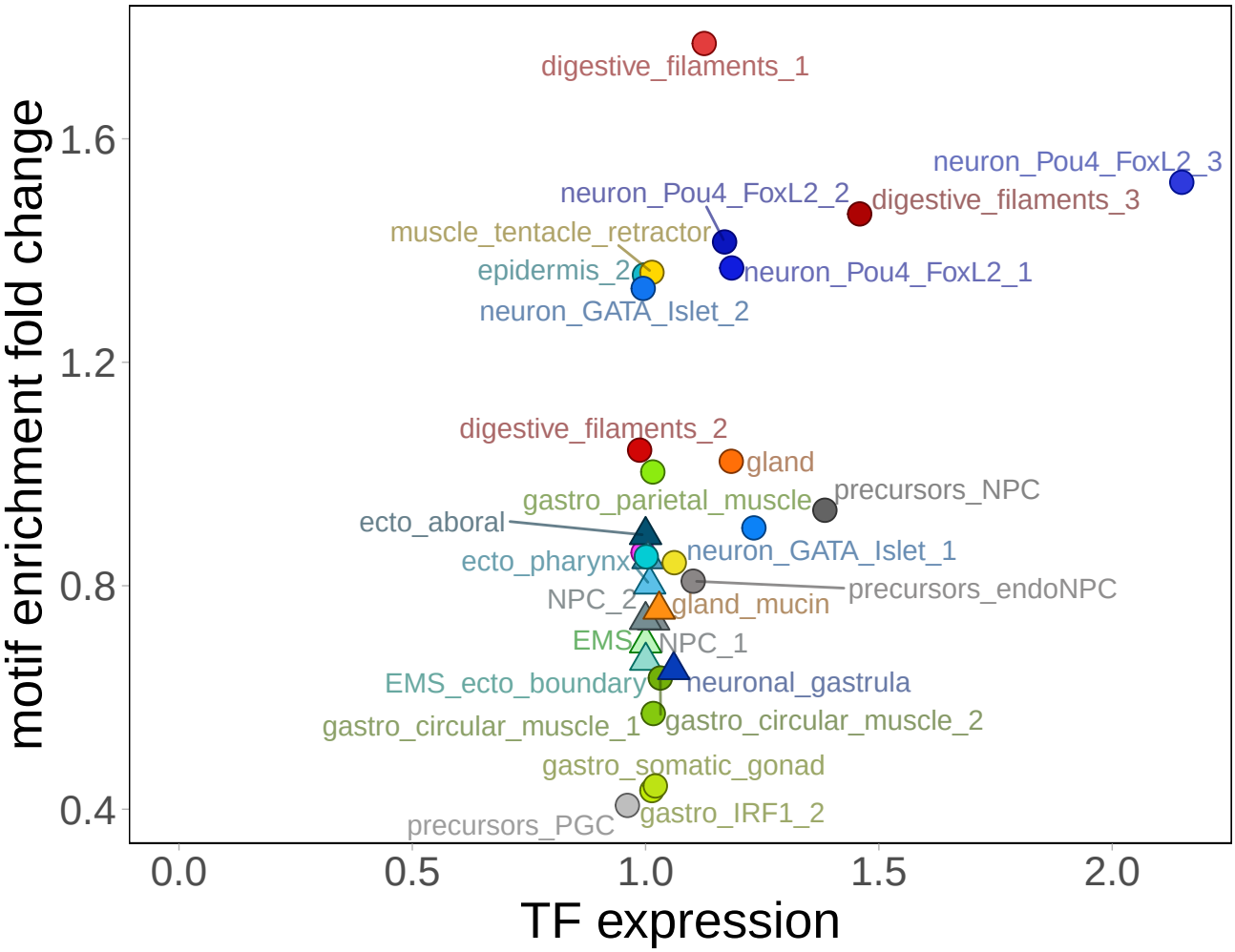


Nvec_vc1.1_XM_032383547.2
OG: zf−C2H2.HG1.10:like:AC008758.1/AC008
PFAM: zf−C2H2/zf−H2C2_2/zf−C2H2/zf−C2H2
motif: ARCH1063_NFIL3
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 1171
gene expression correlation: 0.3780
gene score correlation: 0.1730

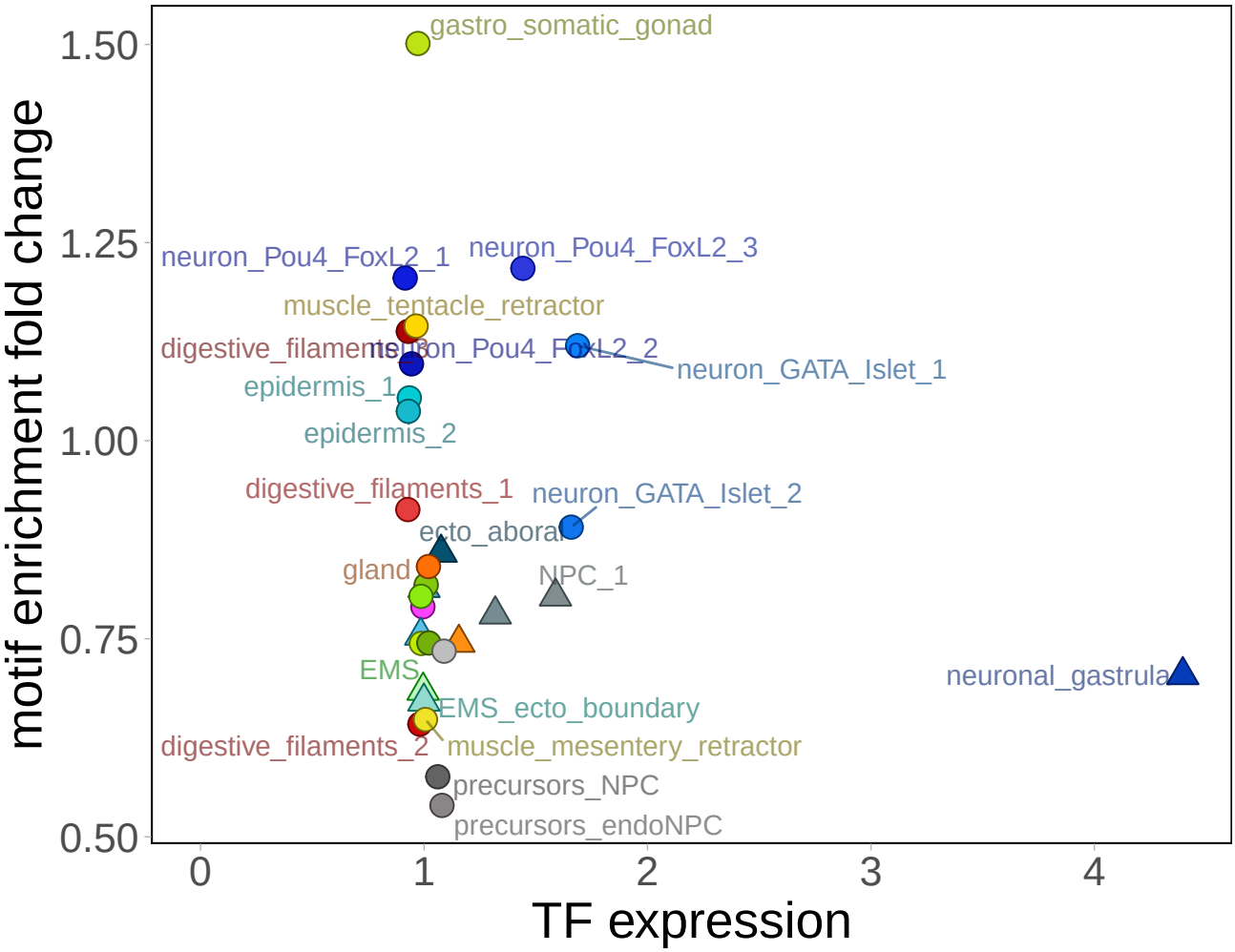




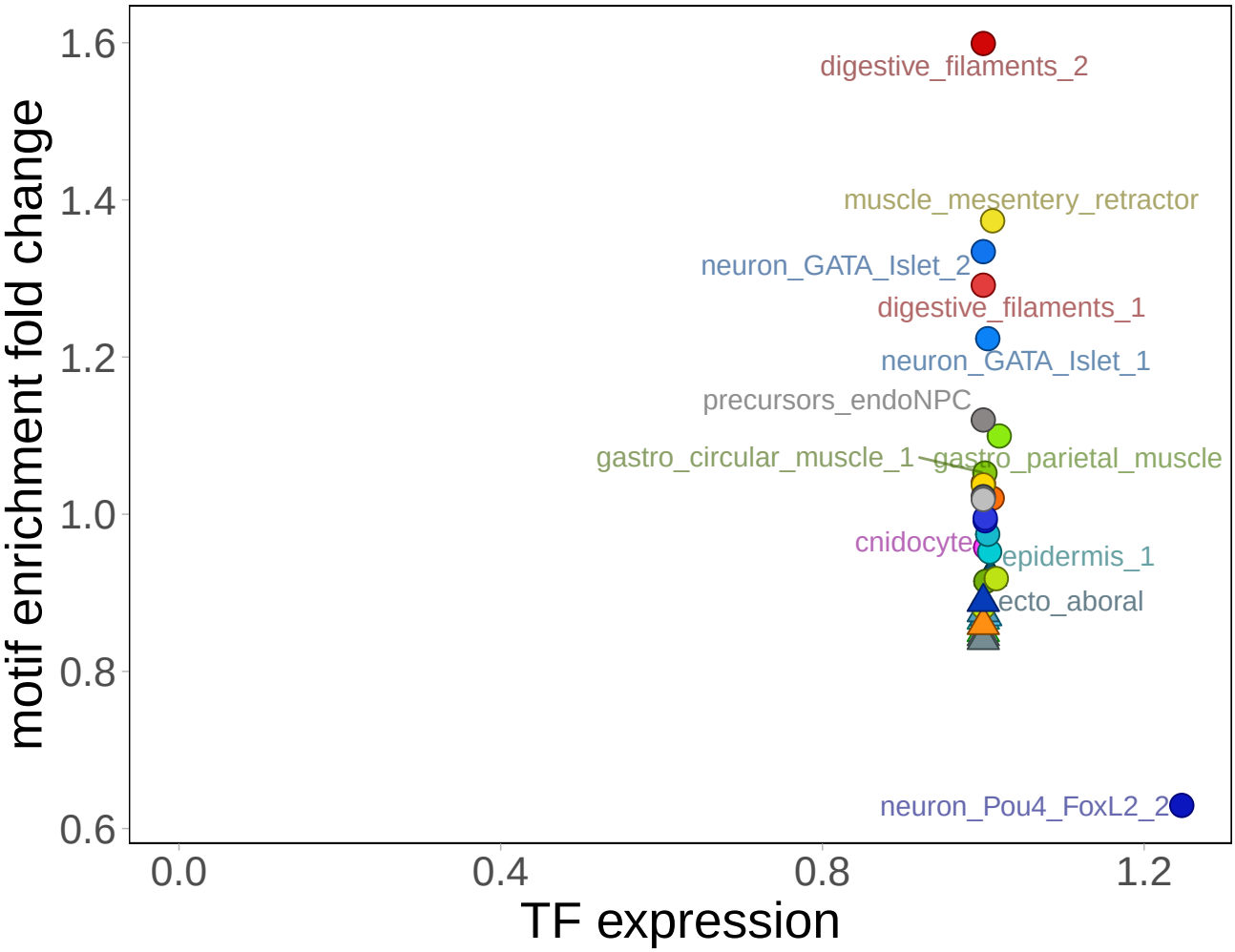
Nvec_vc1.1_XM_032383560.2
OG: Homeodomains.HG2.69:OTP
PFAM: Homeodomain/OAR
motif: ARCH233_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.4734
gene score correlation: 0.5591



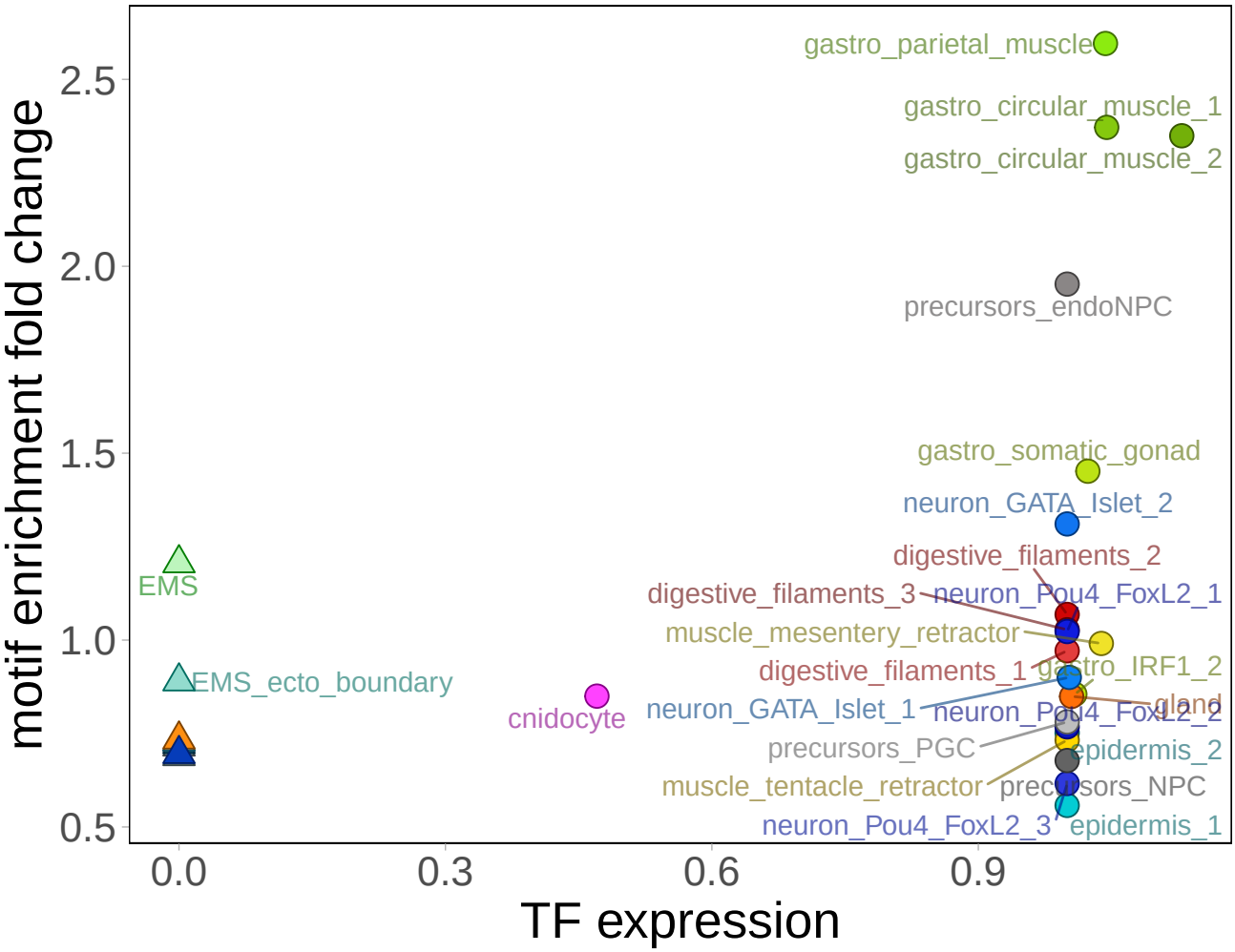
Nvec_vc1.1_XM_032383641.2
OG: zf−C4_Nuclear_receptors.HG1.9:like:ESR
PFAM: zf−C4/Hormone_recep
motif: ARCH1091_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 251
gene expression correlation: −0.1163
gene score correlation: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



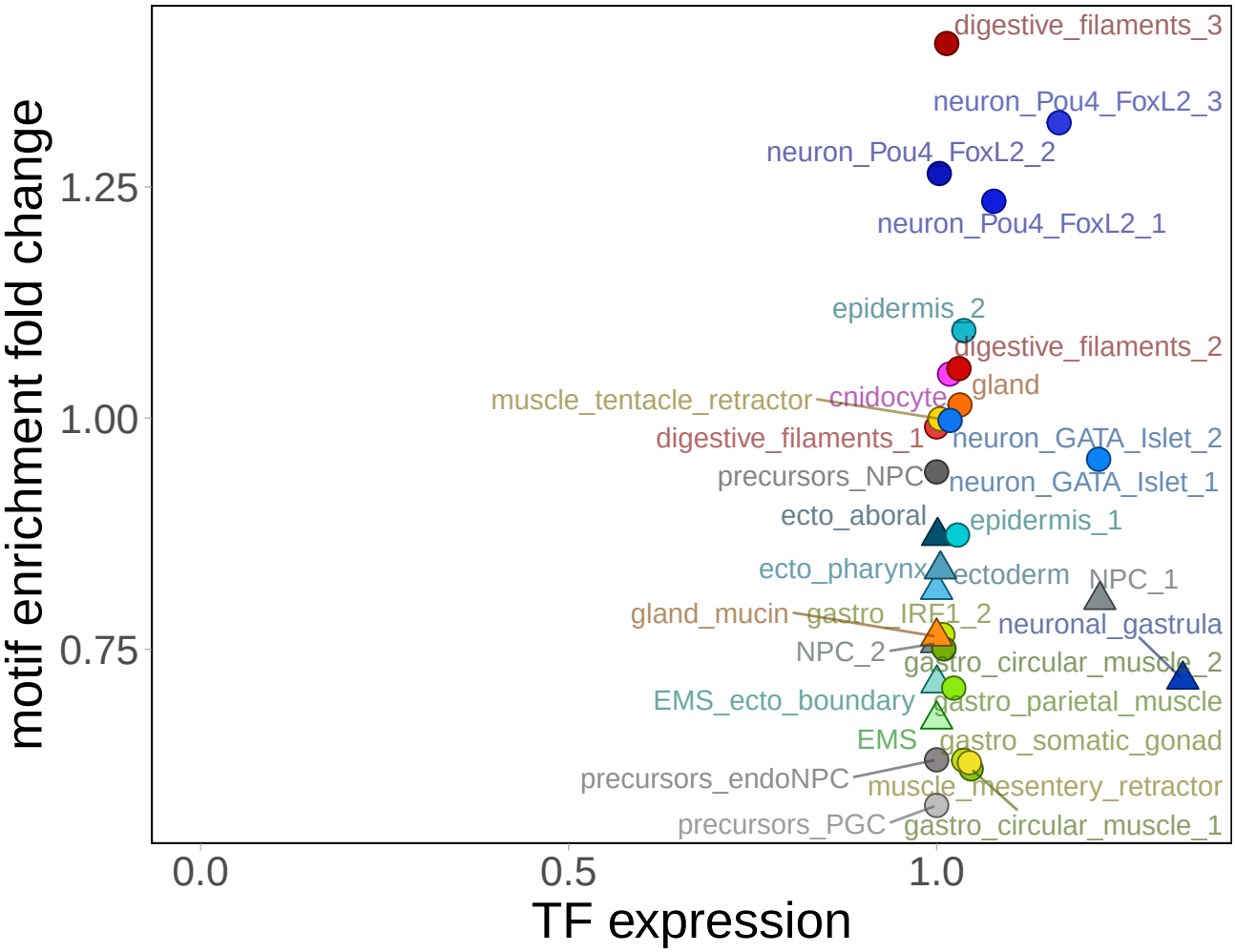
Nvec_vc1.1_XM_032383663.2
OG: Homeodomains.HG1.27:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH70_M02142_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 1098
gene expression correlation: −0.3546
gene score correlation: 0.1500



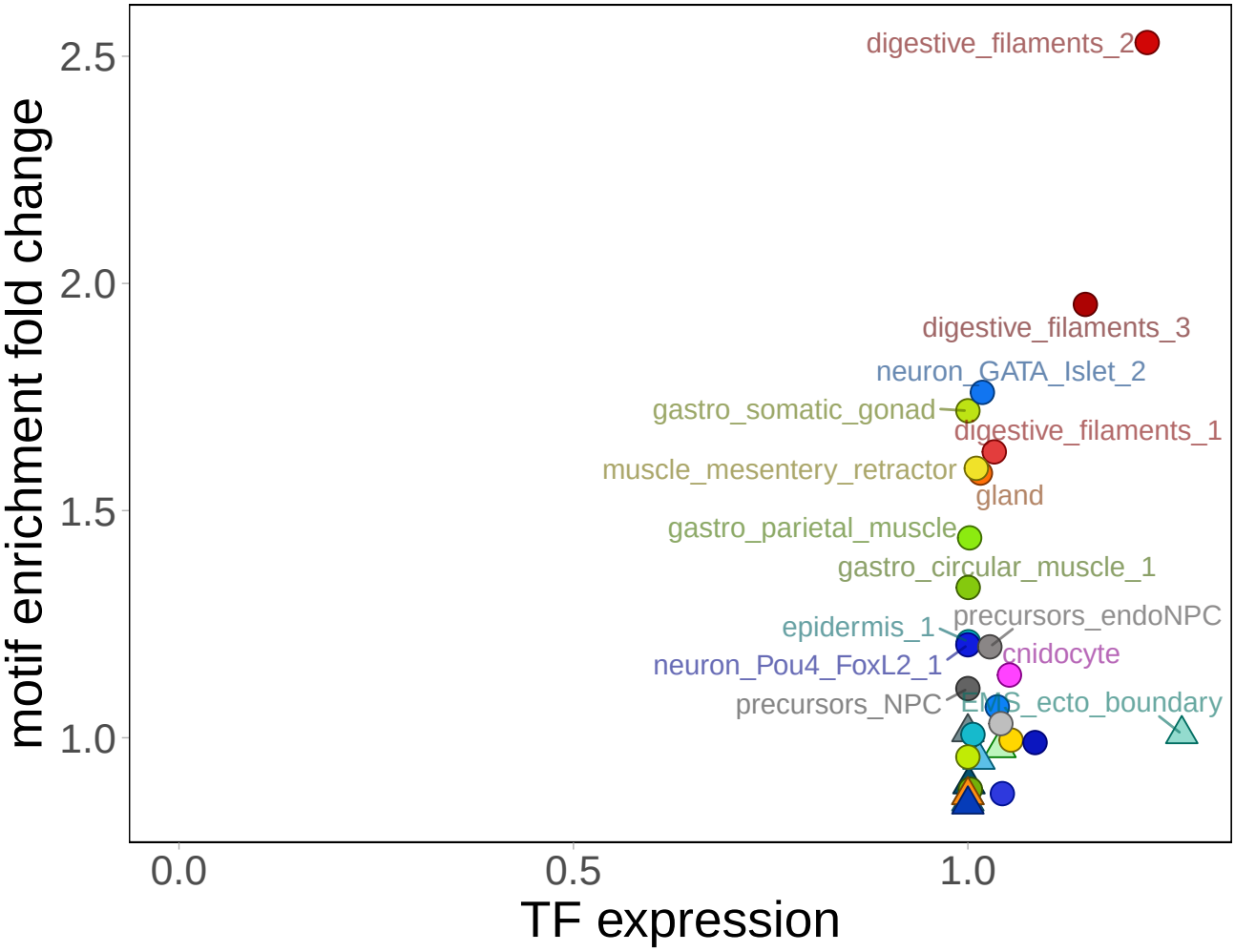
Nvec_vc1.1_XM_032383677.2
OG: Homeodomains.HG1.70:HOXA2/HOXB2/P
PFAM: Homeodomain
motif: ARCH1362_Six1/_Six4/Six5
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.3627
gene score correlation: 0.8522



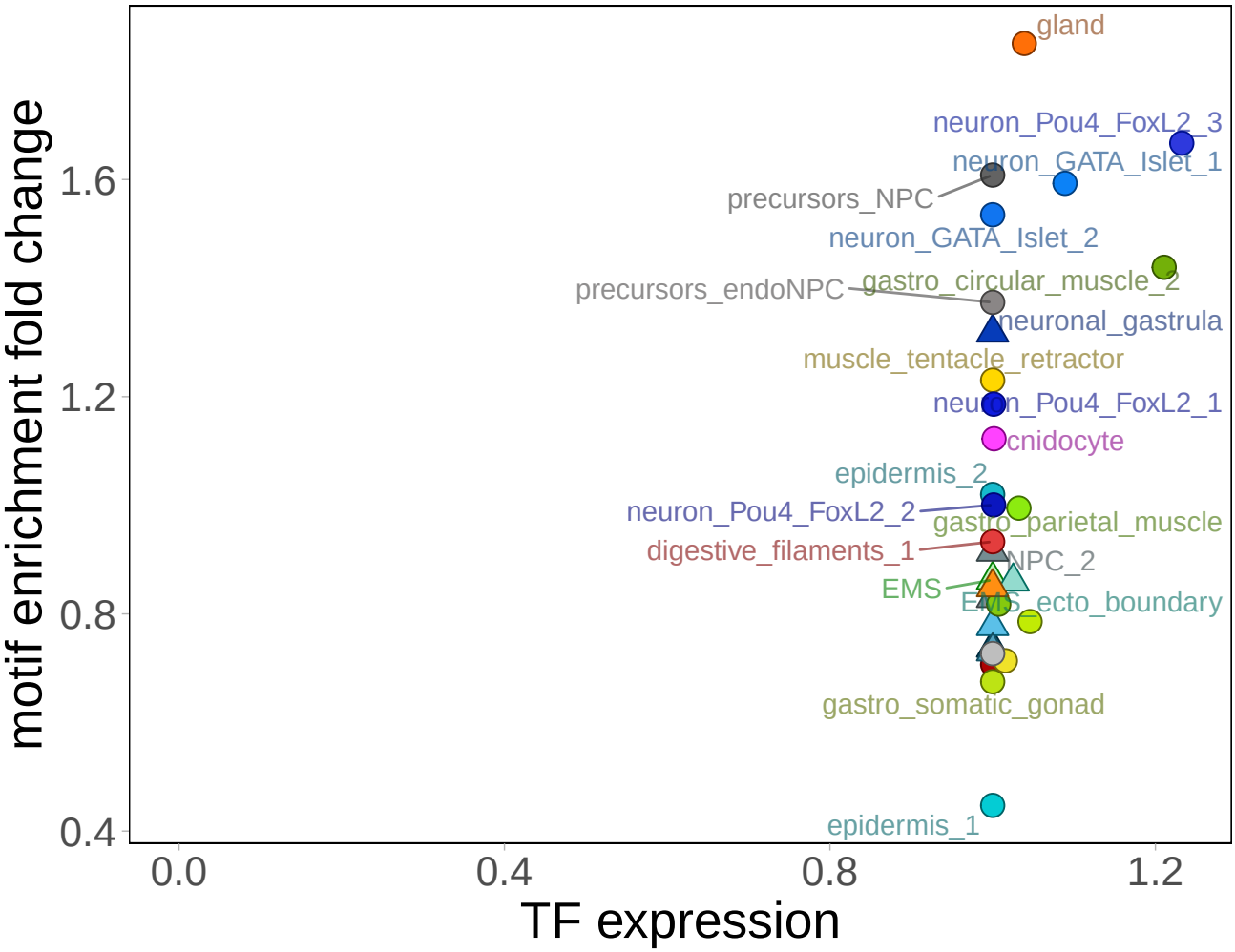
Nvec_vc1.1_XM_032383681.2
OG: Homeodomains.HG1.51:like:AC004080.3/
PFAM: Homeodomain
motif: ARCH243_Alx3/Alx4/Alx1_Hlx_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 29
gene expression correlation: 0.0571
gene score correlation: 0.4145



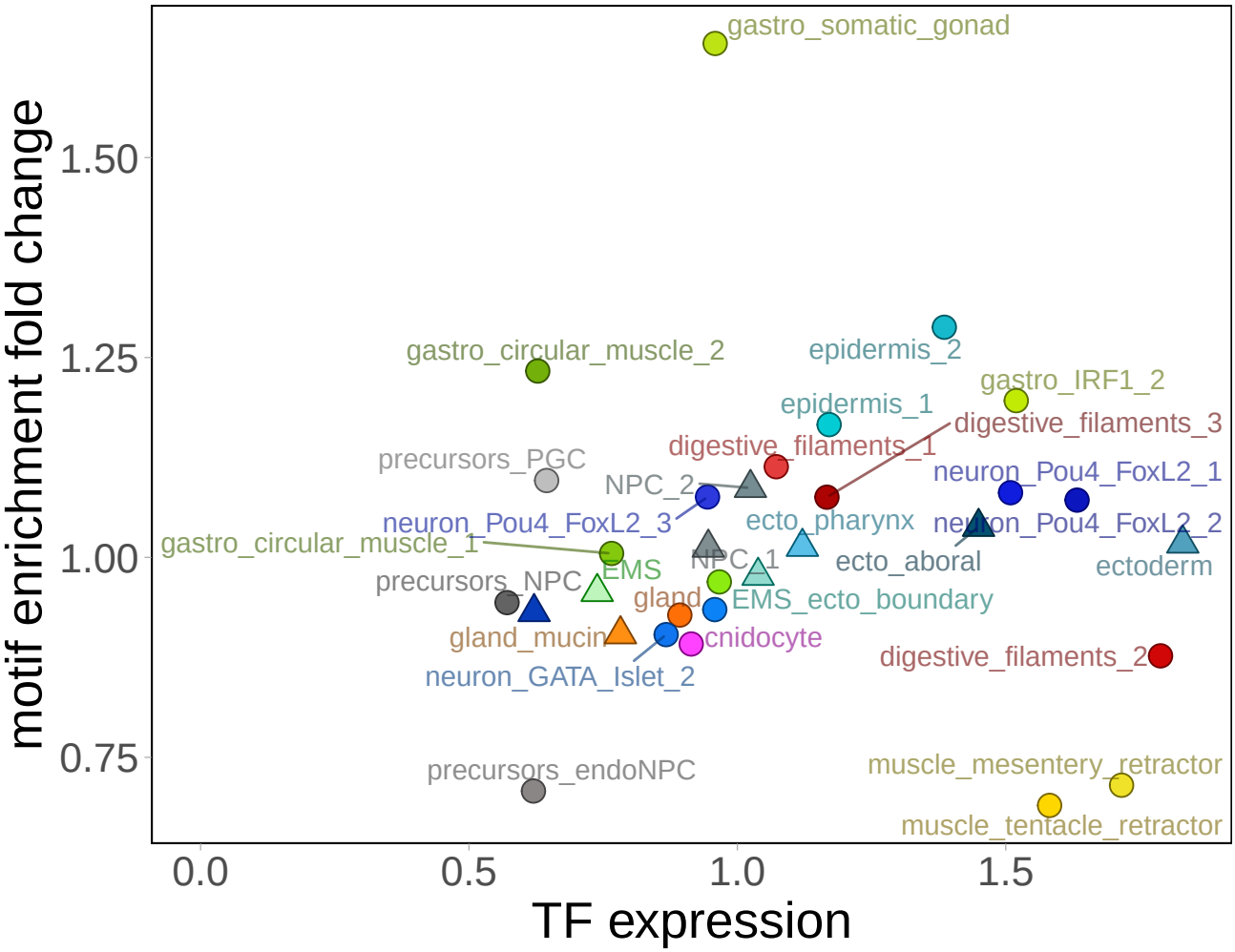
Nvec_vc1.1_XM_032383693.2
OG: Homeodomains.HG1.53:MNX1
PFAM: Homeodomain
motif: ARCH1546_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 50
gene expression correlation: 0.4051
gene score correlation: 0.6776



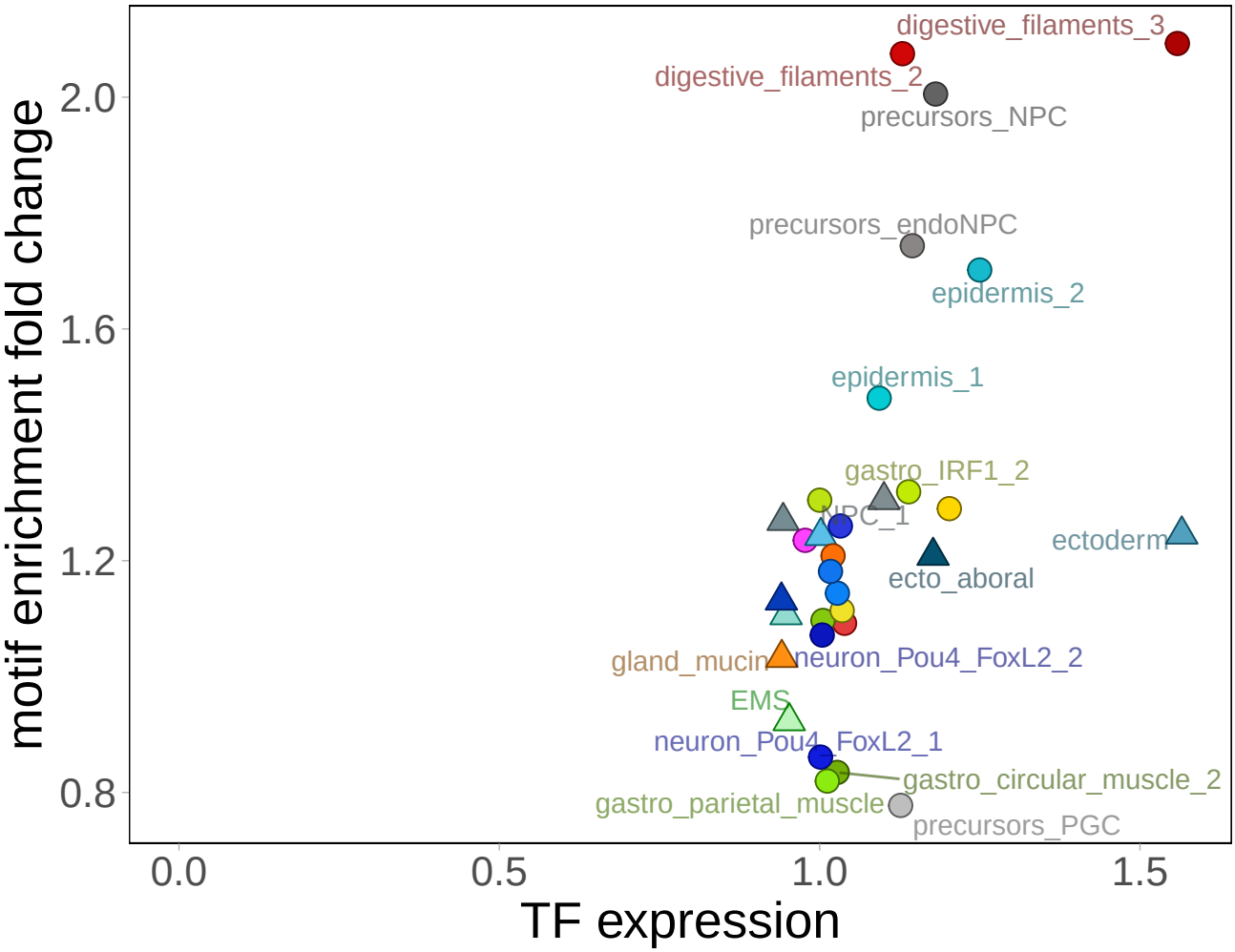
Nvec_vc1.1_XM_032383695.2
OG: Homeodomains.HG1.52:EVX1/EVX2
PFAM: Homeodomain
motif: ARCH774_ZBTB18
TF family: Homeodomains
archetype family:
CisBP assigned: FALSE
rank: 331
gene expression correlation: 0.4828
gene score correlation: 0.1621



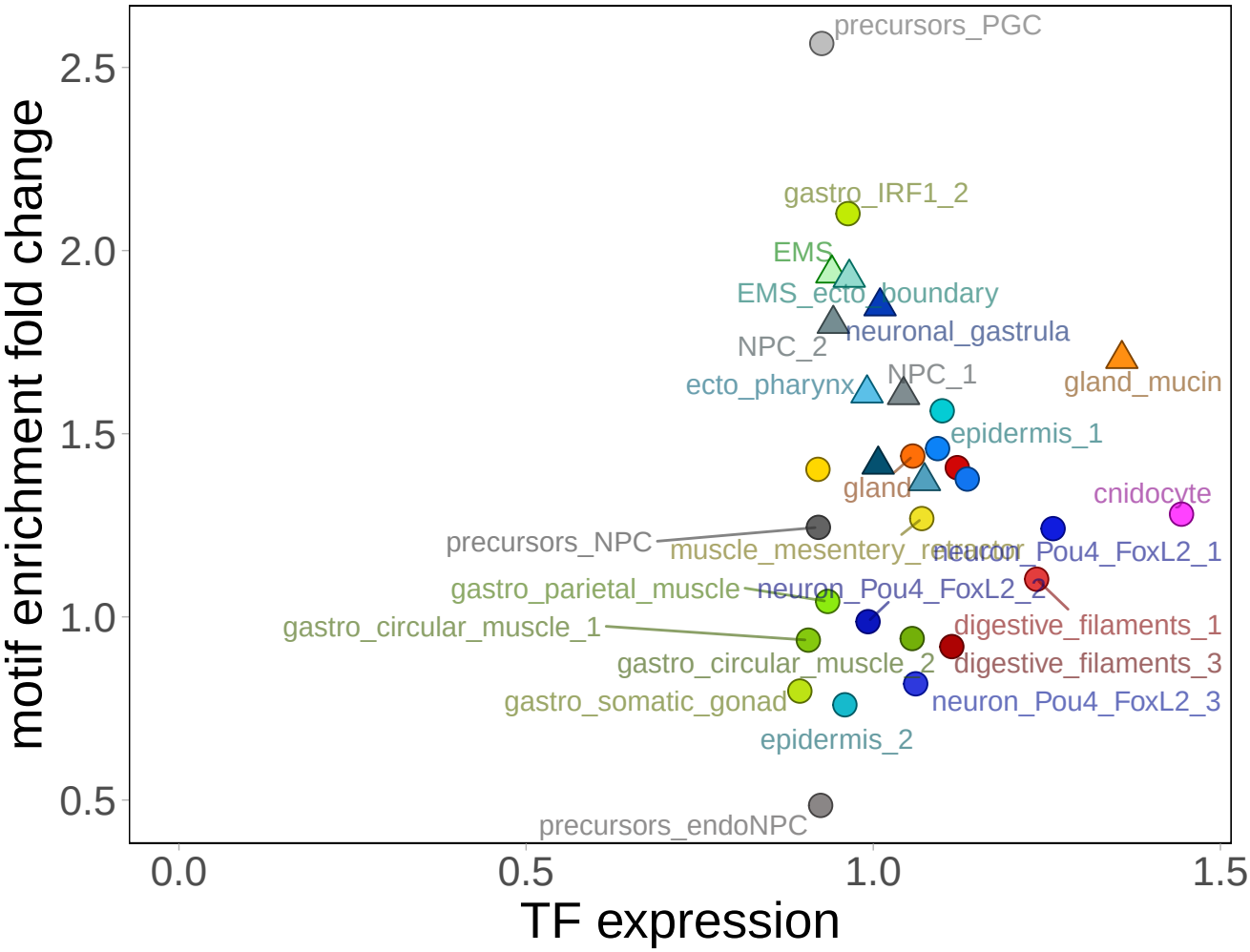
Nvec_vc1.1_XM_032383717.2
OG: bZIP.HG2.0:like:CEBPA/CEBPB/CEBPD/C
PFAM: bZIP_2
motif: ARCH640_Cebpd/Cebpe/Cebpa/C...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 555
gene expression correlation: −0.0363
gene score correlation: 0.1385



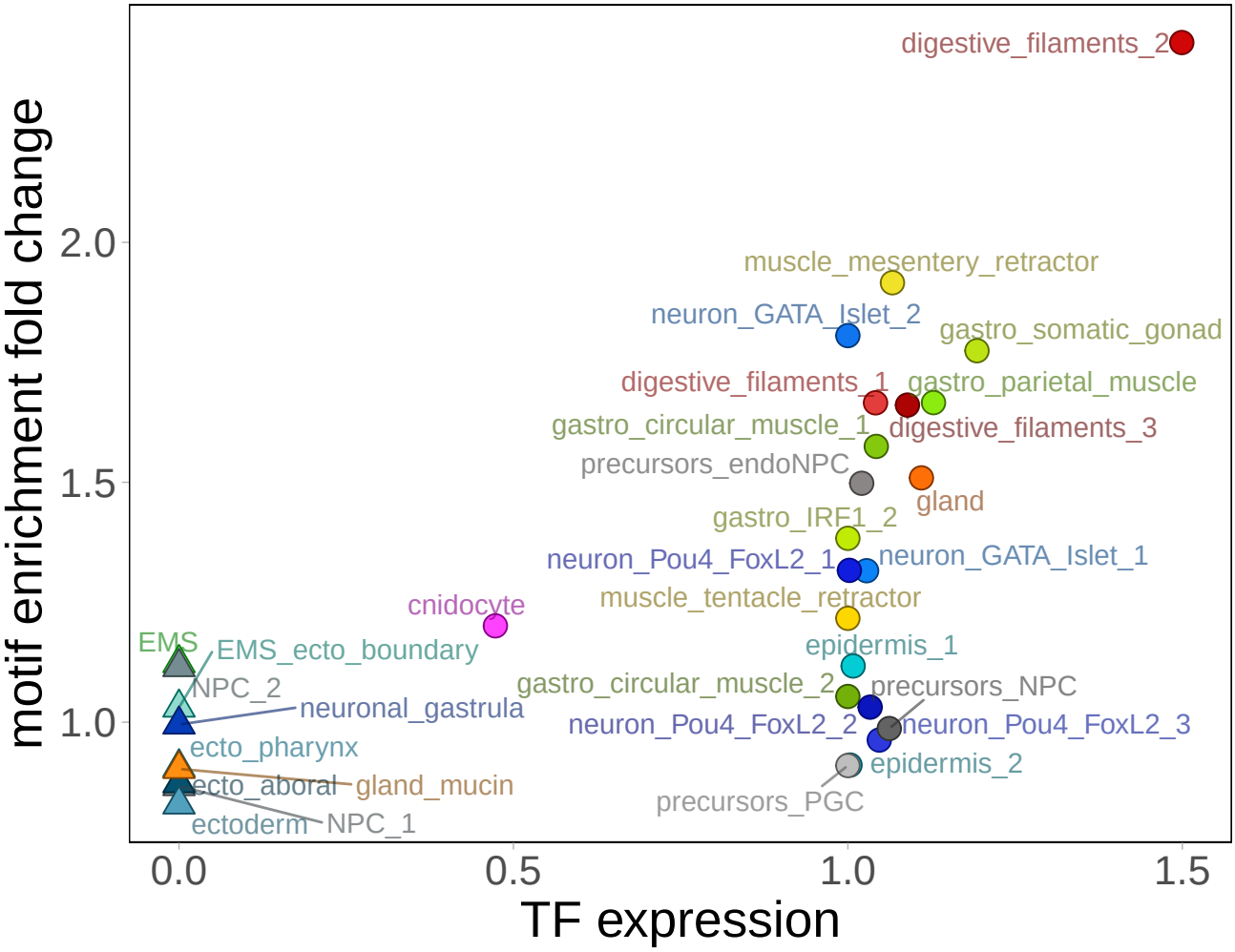
Nvec_vc1.1_XM_032383905.2
OG: HLH.HG1.11:HEY1/HEY2/HEYL
PFAM: HLH
motif: ARCH1643_Sf3b4
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 52
gene expression correlation: 0.5414
gene score correlation: 0.7177



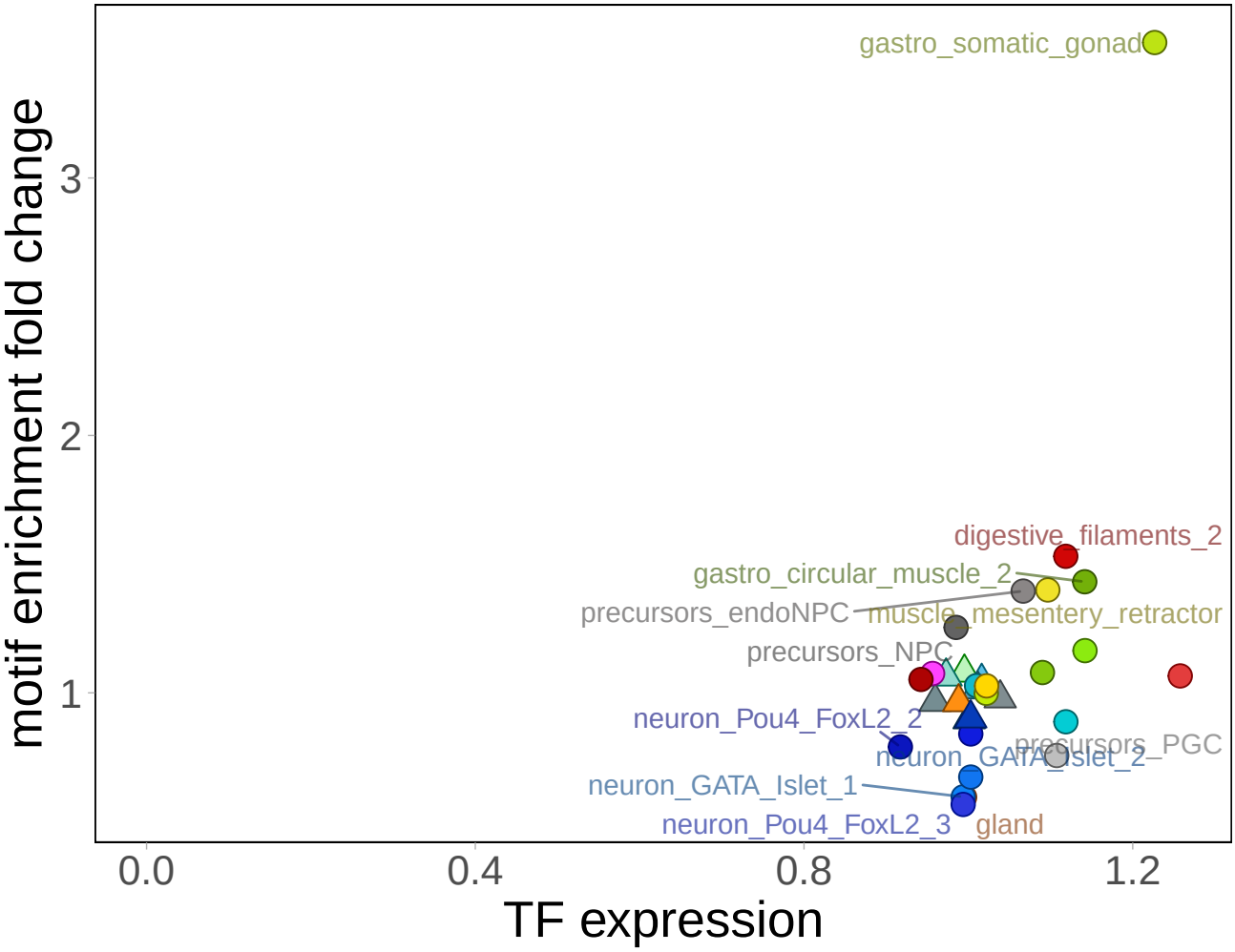
Nvec_vc1.1_XM_032383907.2
OG: bZIP.HG1.4:ATF2/ATF7/ATF7−NPFF/CRE
PFAM: bZIP_1
motif: ARCH1612_Atf7/Gm28047/Creb5...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 31
gene expression correlation: −0.0254
gene score correlation: 0.0089



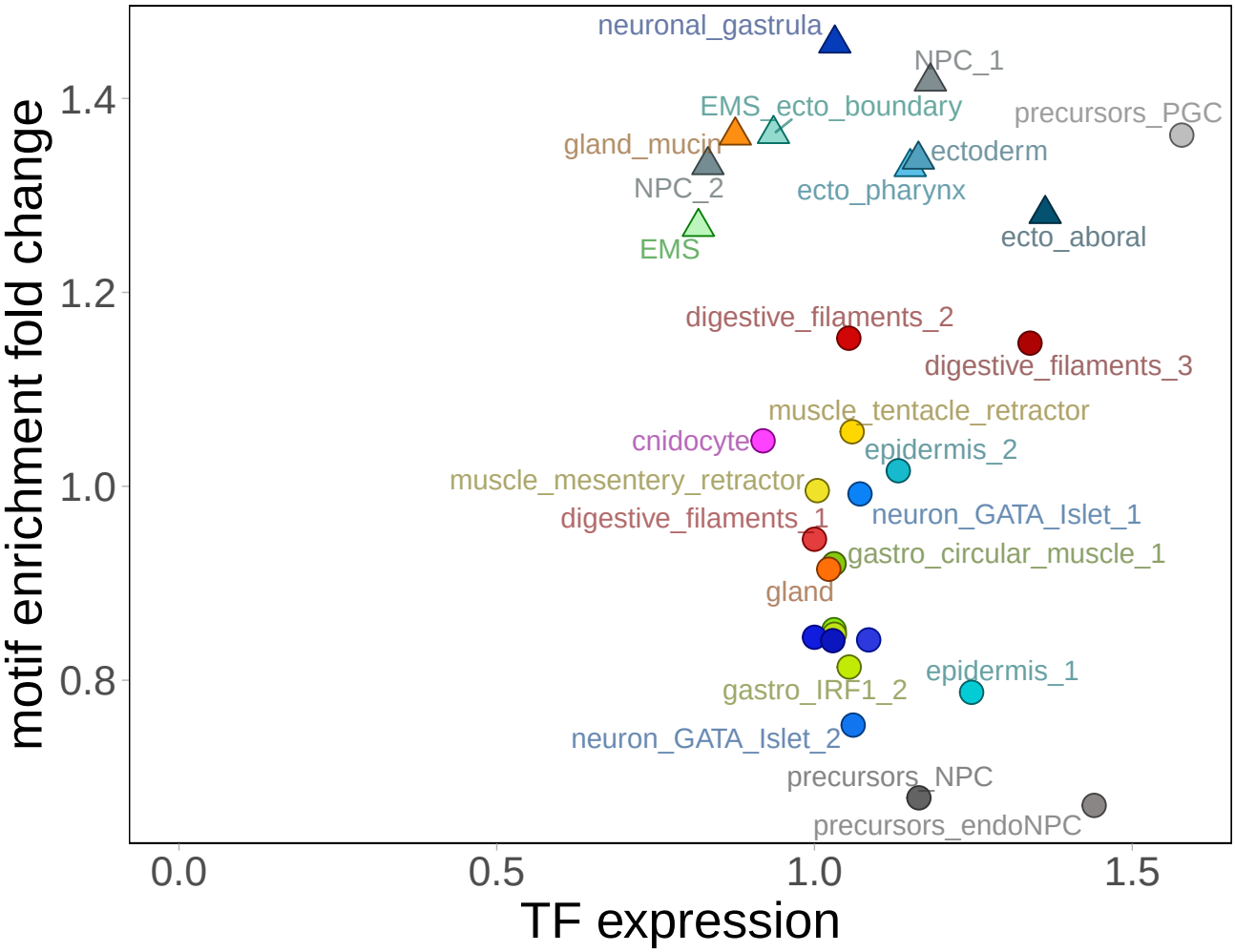
Nvec_vc1.1_XM_032383925.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH1545_Meis3/Meis2/Meis1_...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 7
gene expression correlation: 0.6366
gene score correlation: 0.5785



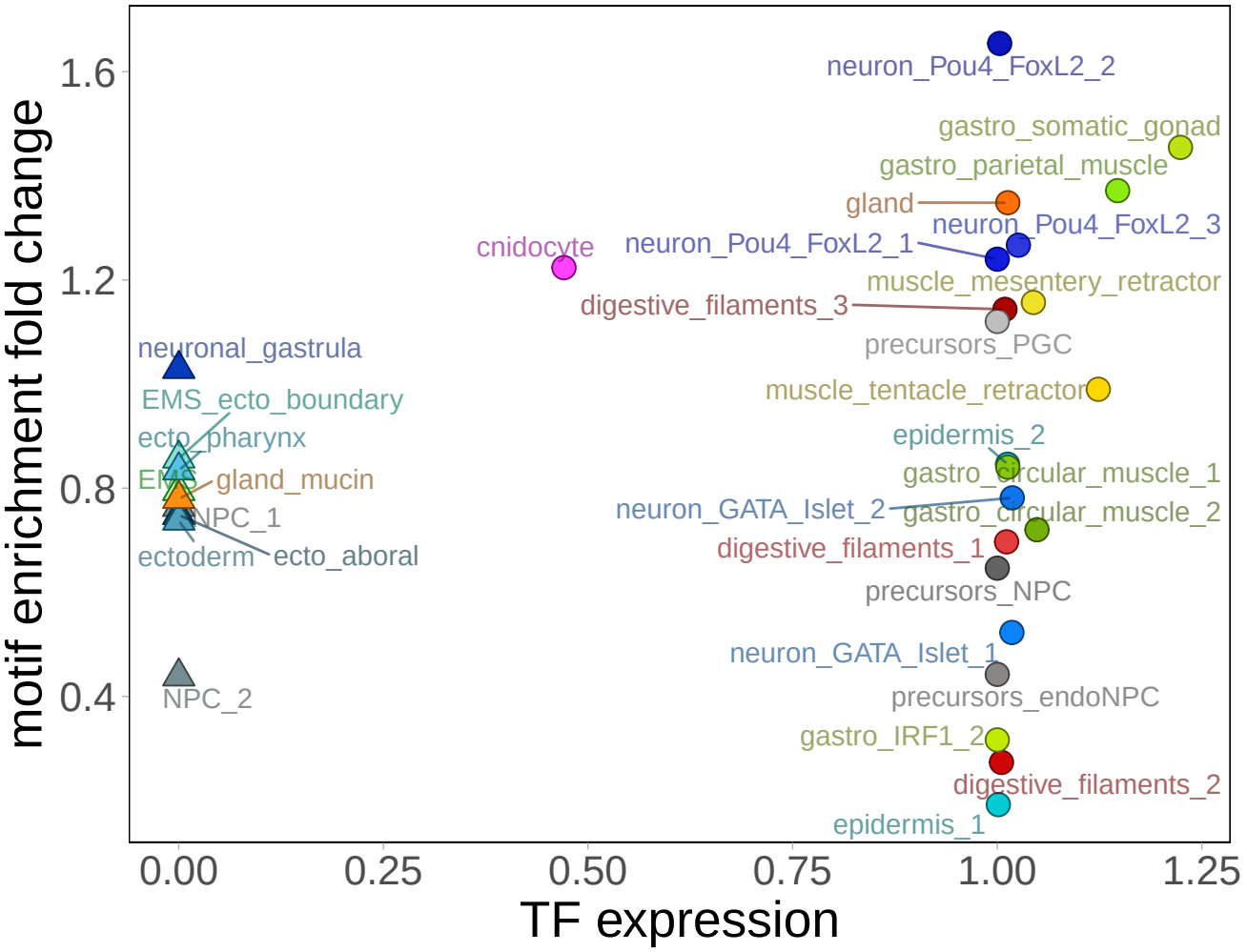
Nvec_vc1.1_XM_032383979.2
OG: P53.HG1.4:TP53/TP63/TP73
PFAM: P53
motif: ARCH910_p53
TF family: P53
archetype family: P53
CisBP assigned: FALSE
rank: 281
gene expression correlation: 0.5555
gene score correlation: 0.5762



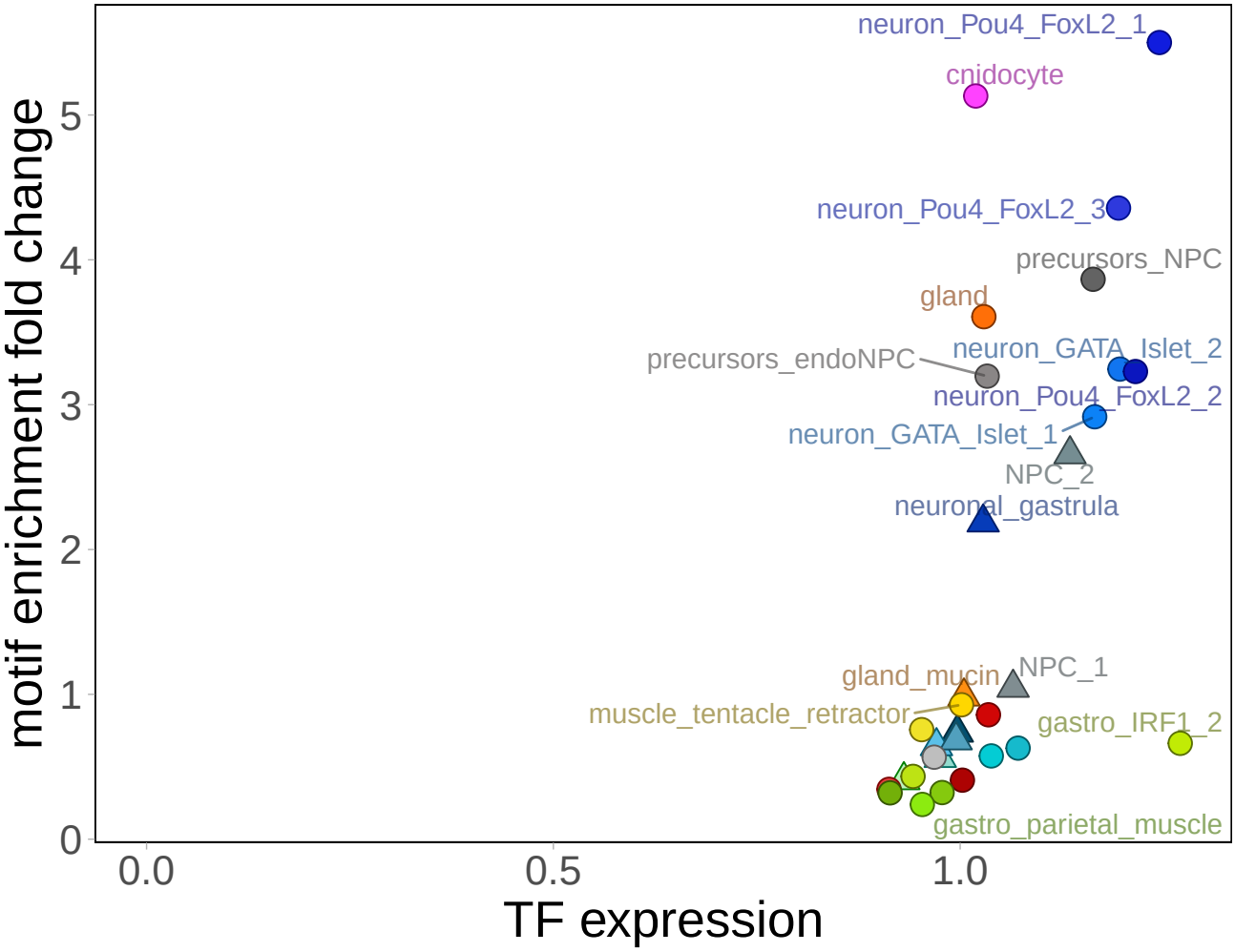
Nvec_vc1.1_XM_032384063.2
OG: HLH.HG1.53:HES5/HES7
PFAM: HLH
motif: ARCH740_wc−1
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 104
gene expression correlation: −0.0403
gene score correlation: −0.3276



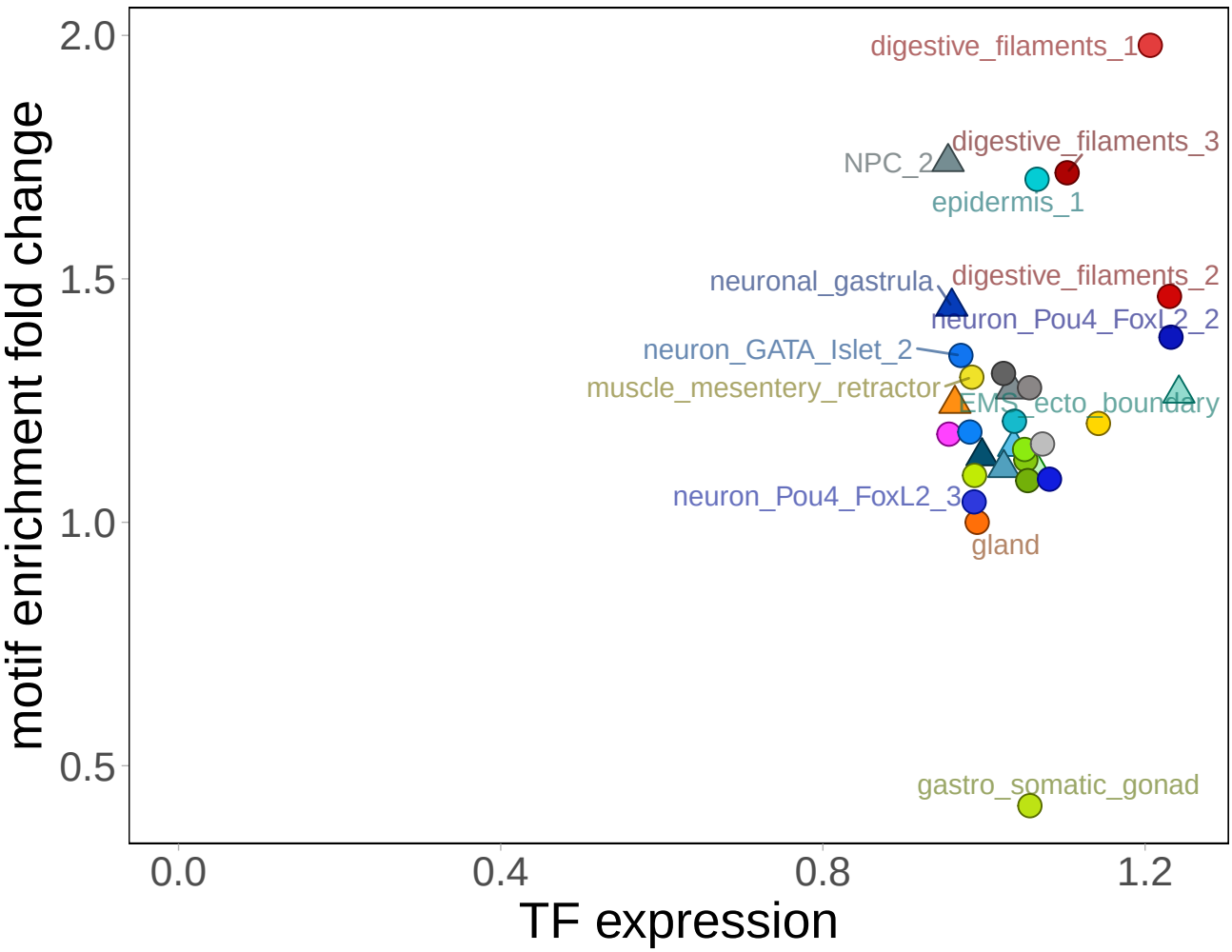
Nvec_vc1.1_XM_032384126.2
OG: Forkhead.HG1.17:like:FOXI1/FOXI2/FOXI
PFAM: Forkhead
motif: ARCH964_Foxc2/Foxc1_Foxg1/G...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.1867
gene score correlation: 0.4471



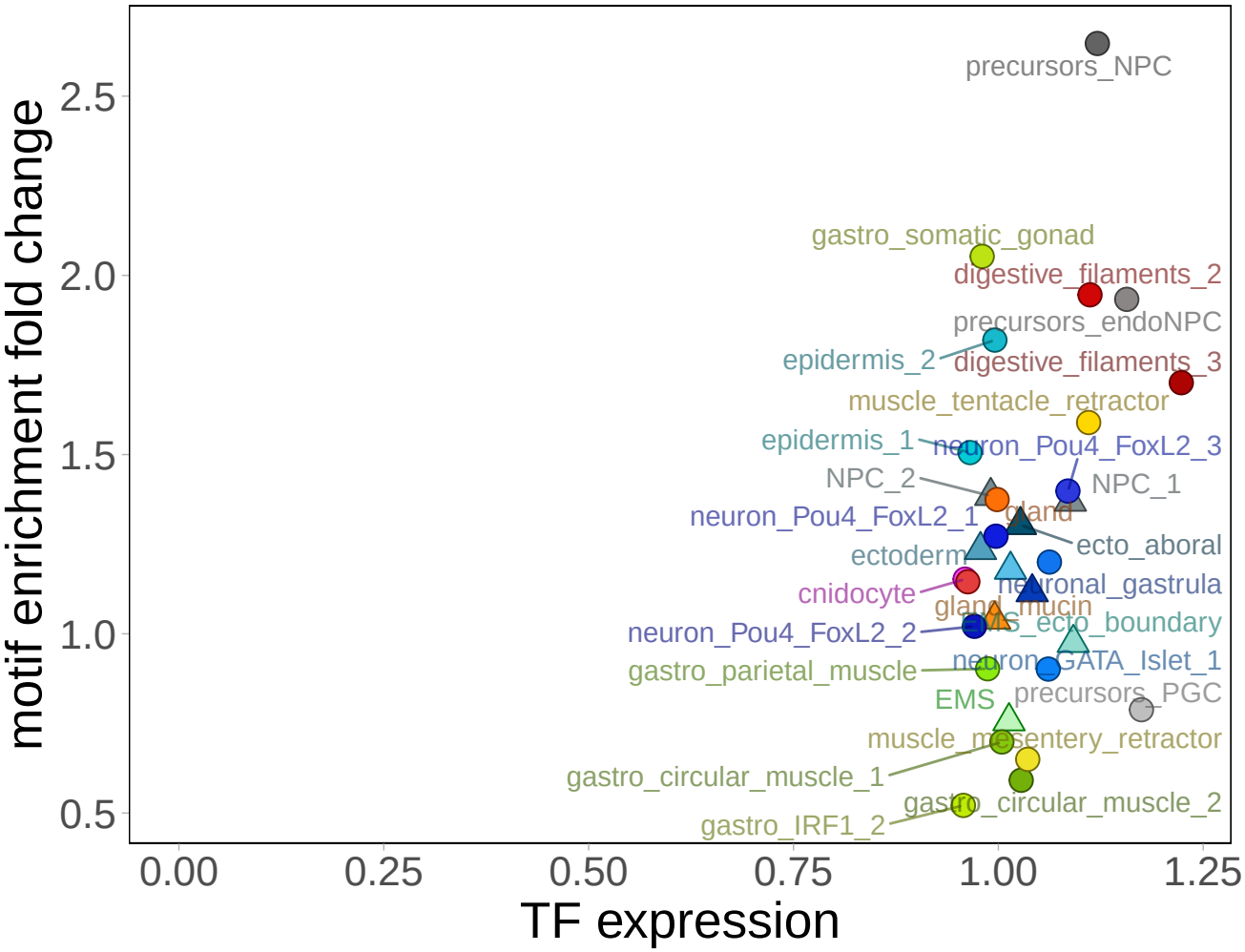
Nvec_vc1.1_XM_032384134.2
OG: zf−C2H2.HG3.3:ZNF641
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.6472
gene score correlation: 0.5442



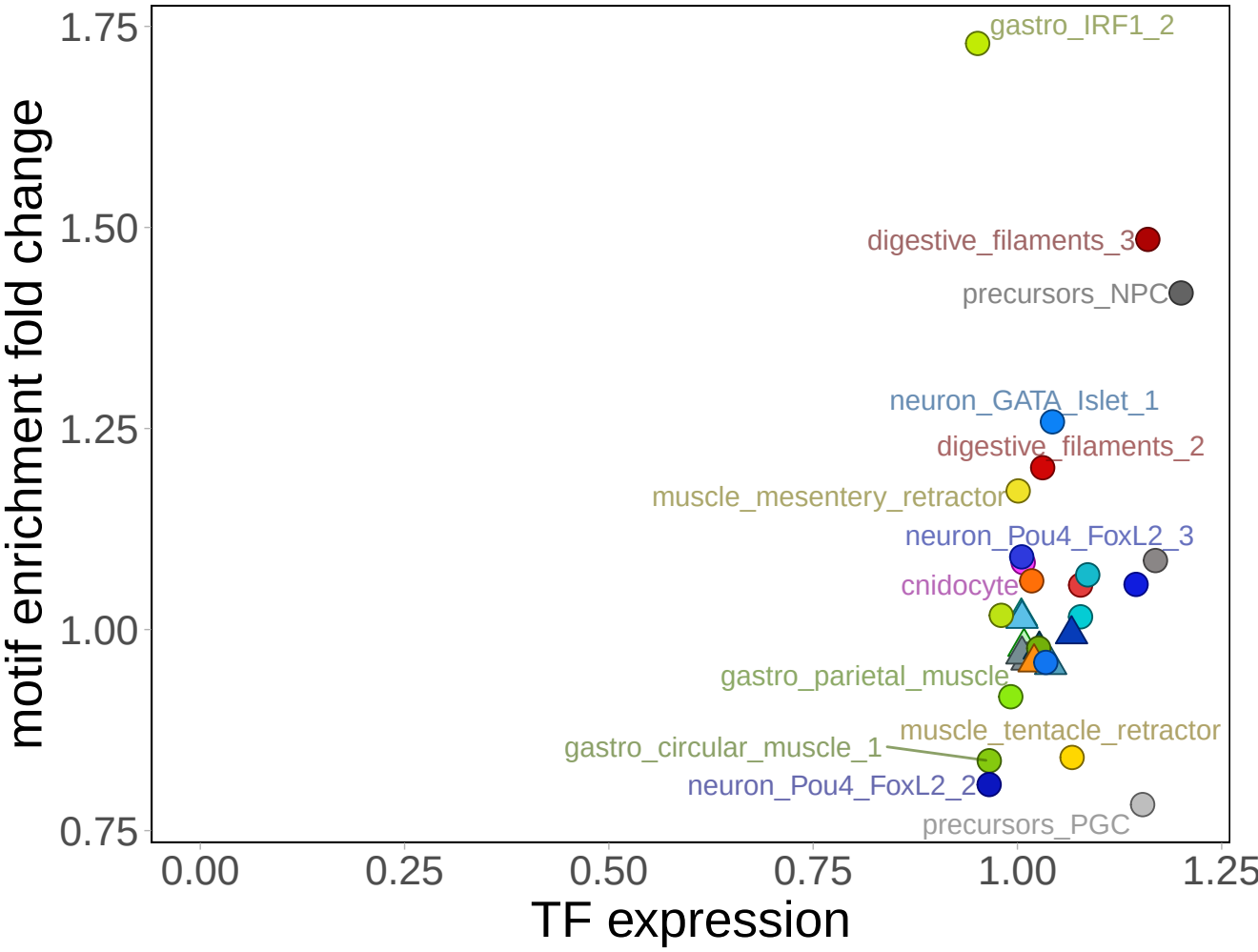
Nvec_vc1.1_XM_032384172.2
OG: zf−C2H2.HG1.40:GZF1/ZBTB24
PFAM: zf−C2H2_6/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1345_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 106
gene expression correlation: 0.2561
gene score correlation: 0.0626



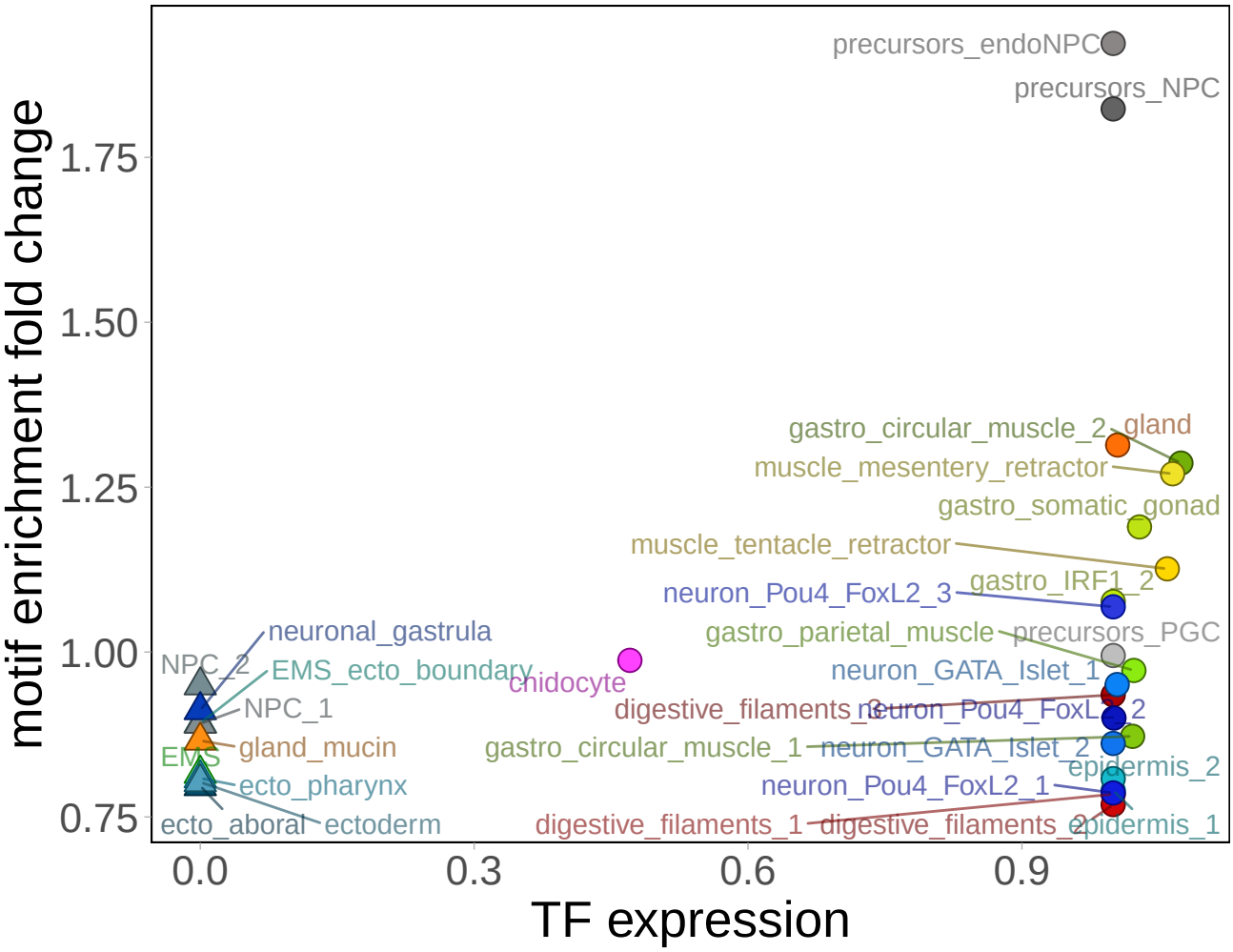
Nvec_vc1.1_XM_032384228.2
OG: HMGbox_Sox.HG1.26:like:SOX8/SOX9/S
PFAM: HMG_box
motif: ARCH1135_/Sox4/Sox11_Sox13/...
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 6
gene expression correlation: 0.3412
gene score correlation: 0.7260



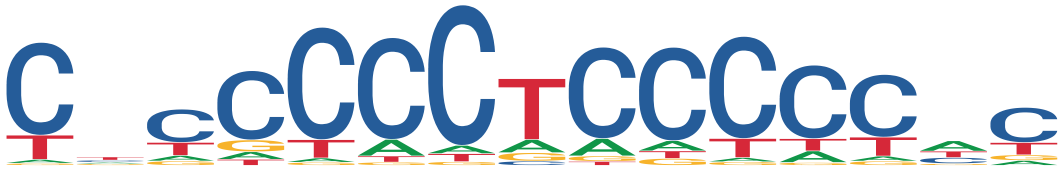
Nvec_vc1.1_XM_032384300.2
OG: bZIP.HG3.0:MAFF/MAFG/MAFK
PFAM: bZIP_Maf
motif: ARCH1281_Cic_Hbp1_Sox13/Sox...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 485
gene expression correlation: 0.1751
gene score correlation: 0.4236

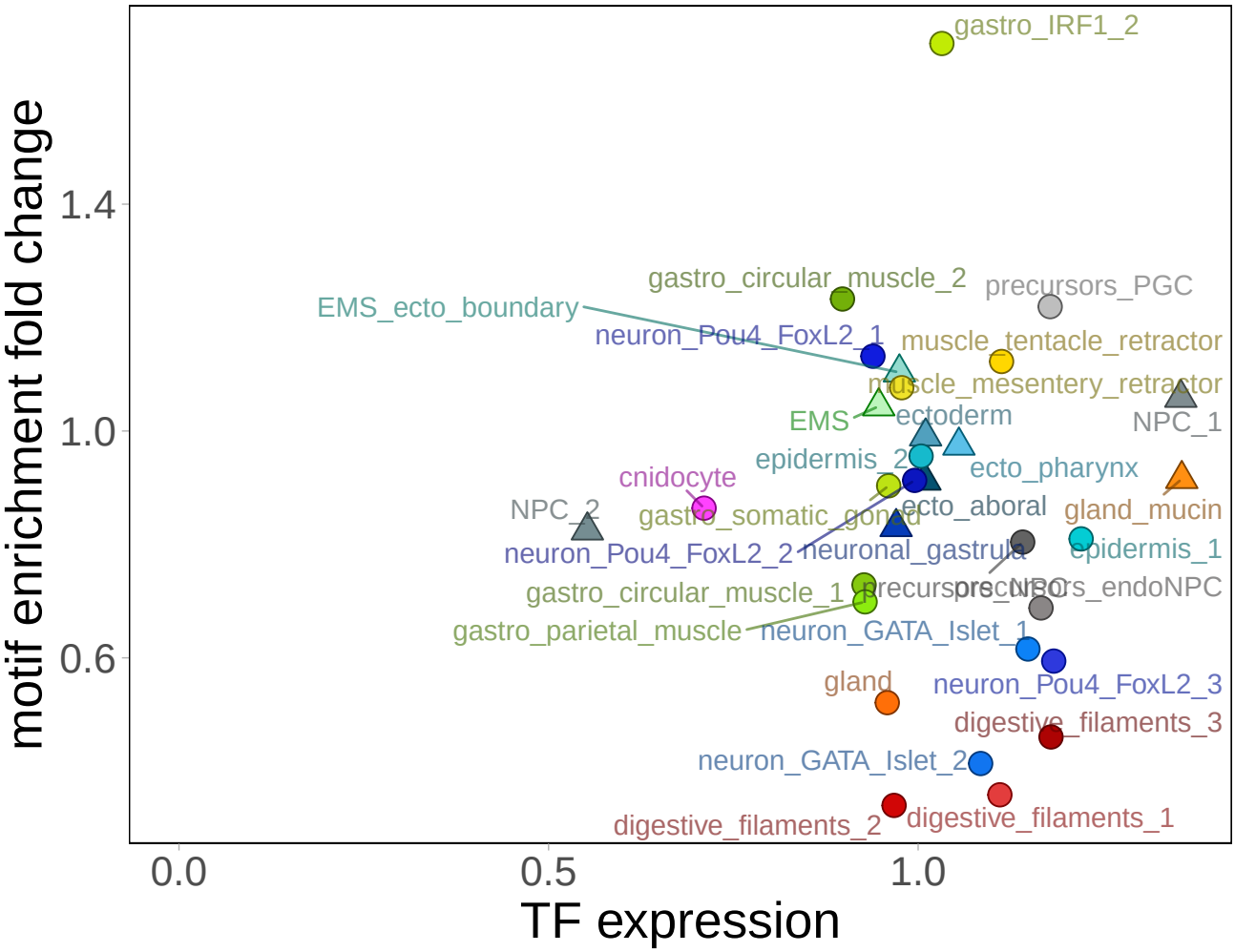


Nvec_vc1.1_XM_032384433.2
OG: HLH.HG1.86:TWIST1/TWIST2
PFAM: HLH
motif: ARCH771_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 1
gene expression correlation: 0.3561
gene score correlation: 0.1596

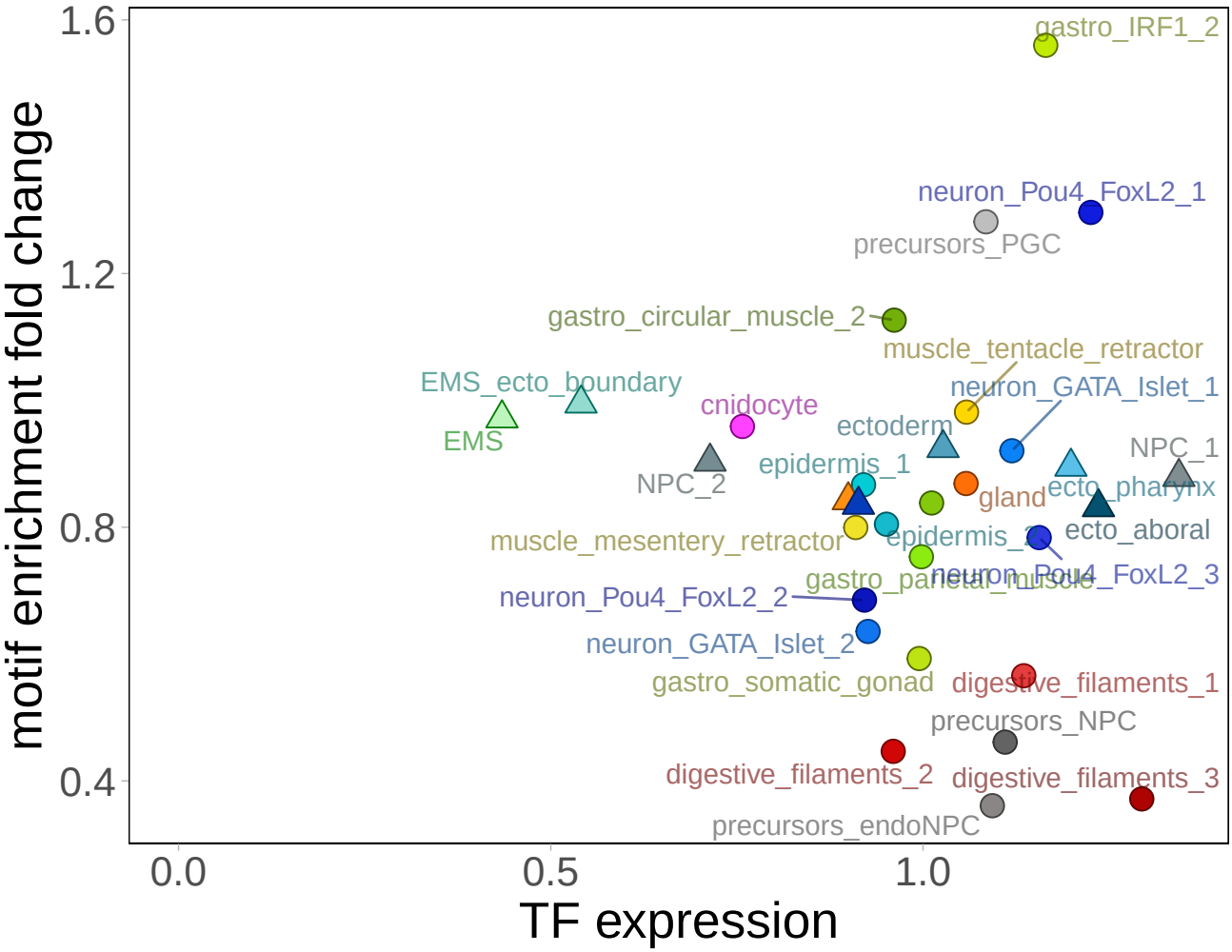


Nvec_vc1.1_XM_032384447.2
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH357_Egr3/Egr1_Sp6/Sp5_S...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 387
gene expression correlation: −0.0657
gene score correlation: −0.1035

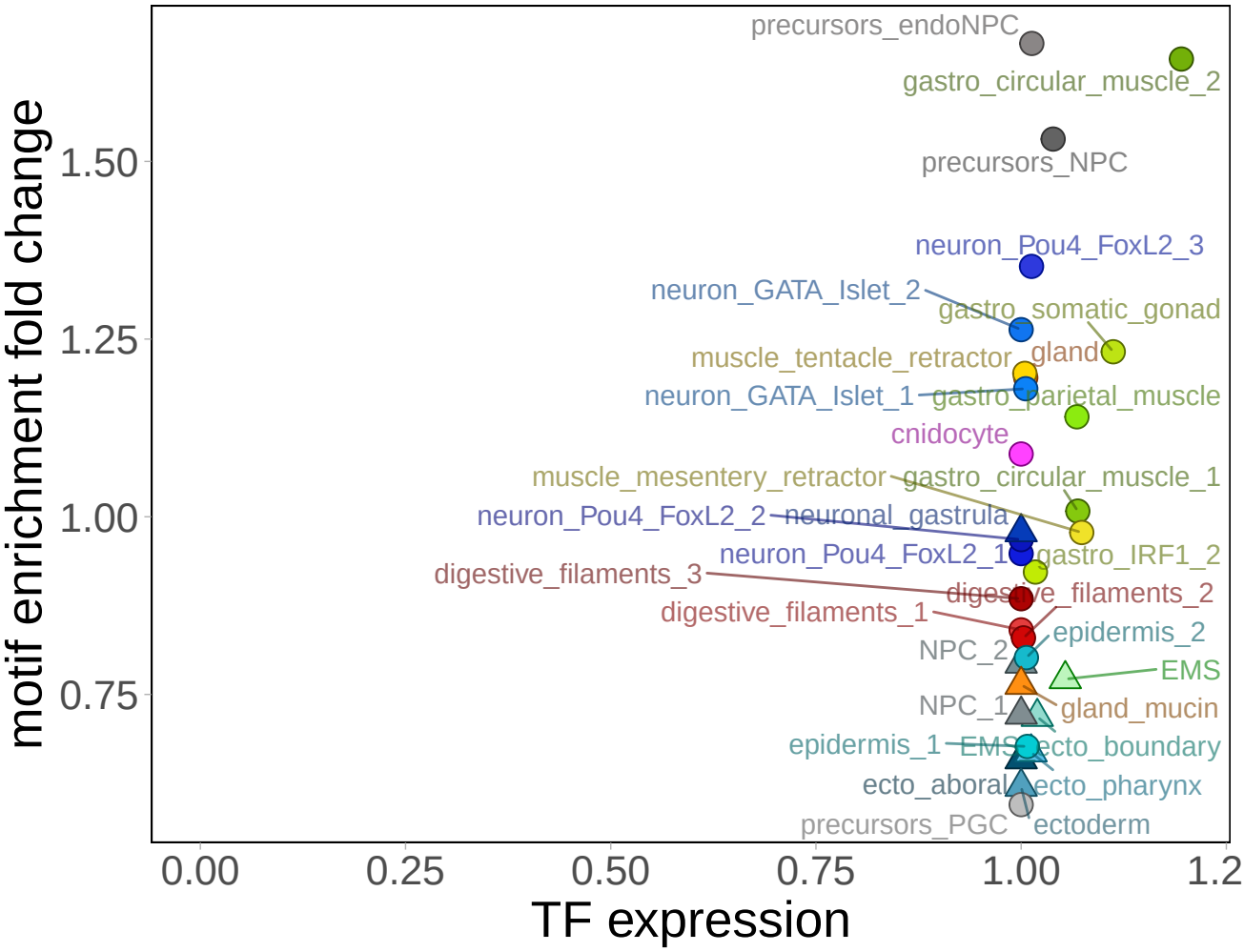




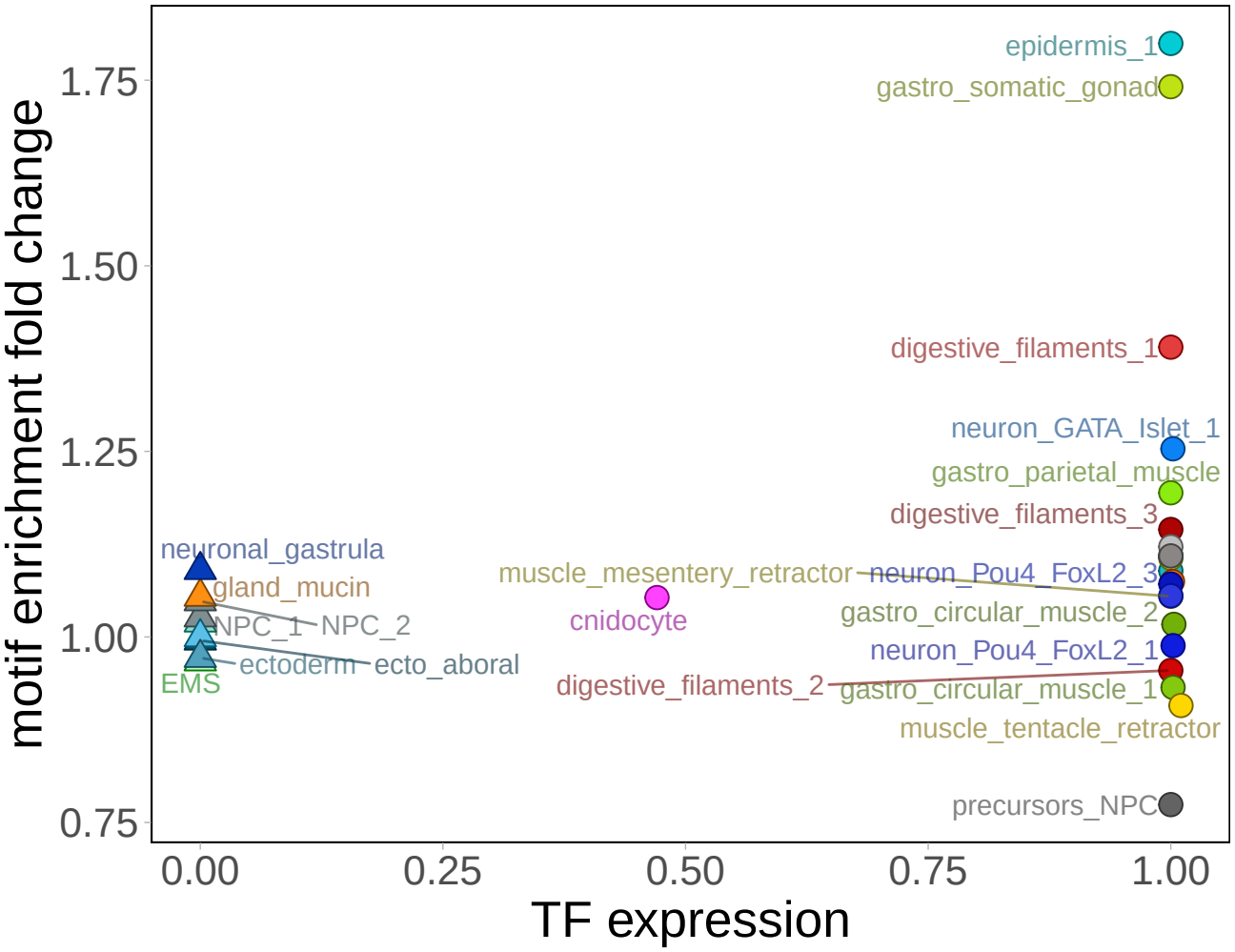
Nvec_vc1.1_XM_032384450.2
OG: zf−C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH5_Egr3/Egr1_Klf5_Klf7_S...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 636
gene expression correlation: −0.0782
gene score correlation: −0.4007



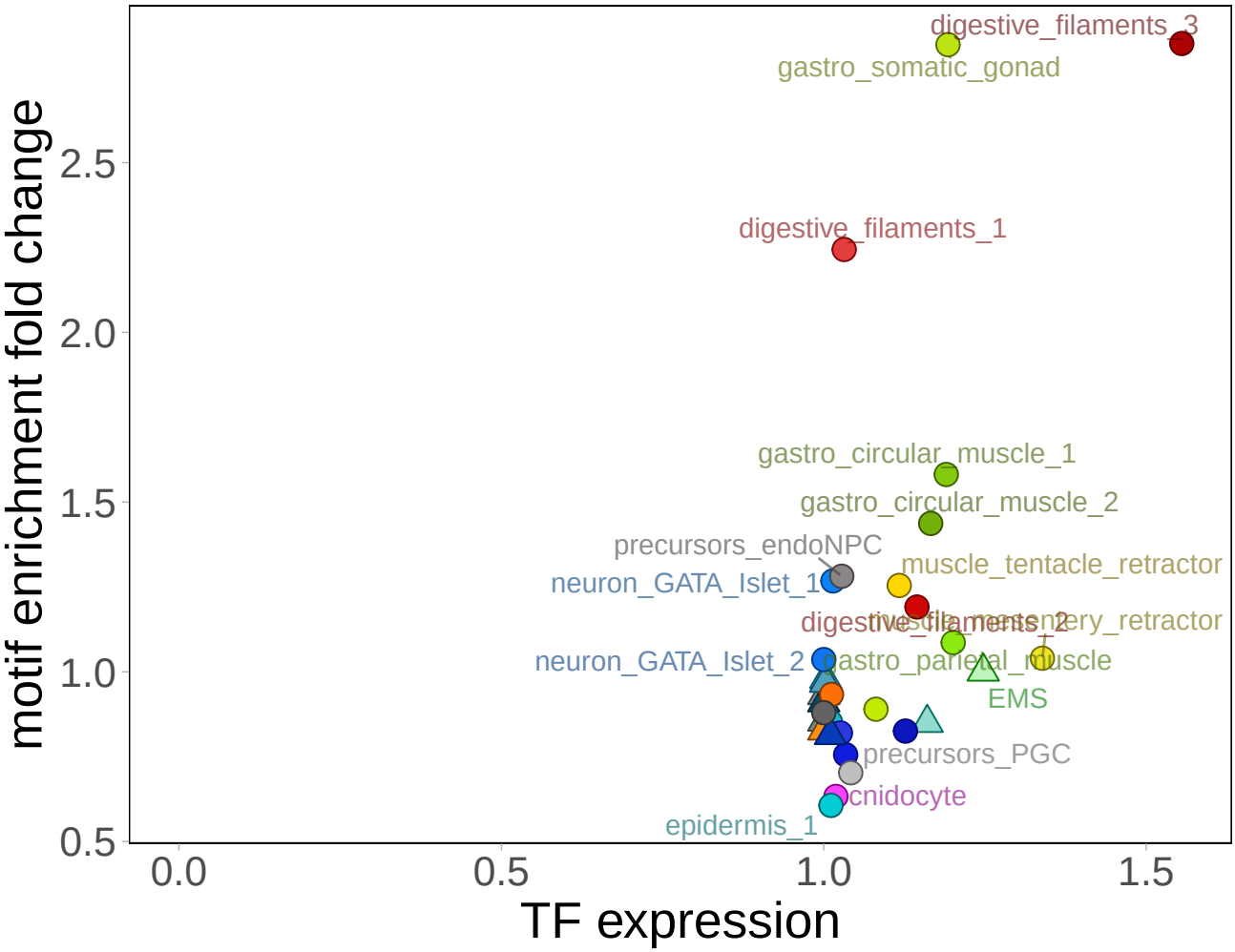
Nvec_vc1.1_XM_032384474.2
OG: HLH.HG1.85:SCX/TCF15
PFAM: HLH
motif: ARCH1117_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.4733
gene score correlation: 0.3648



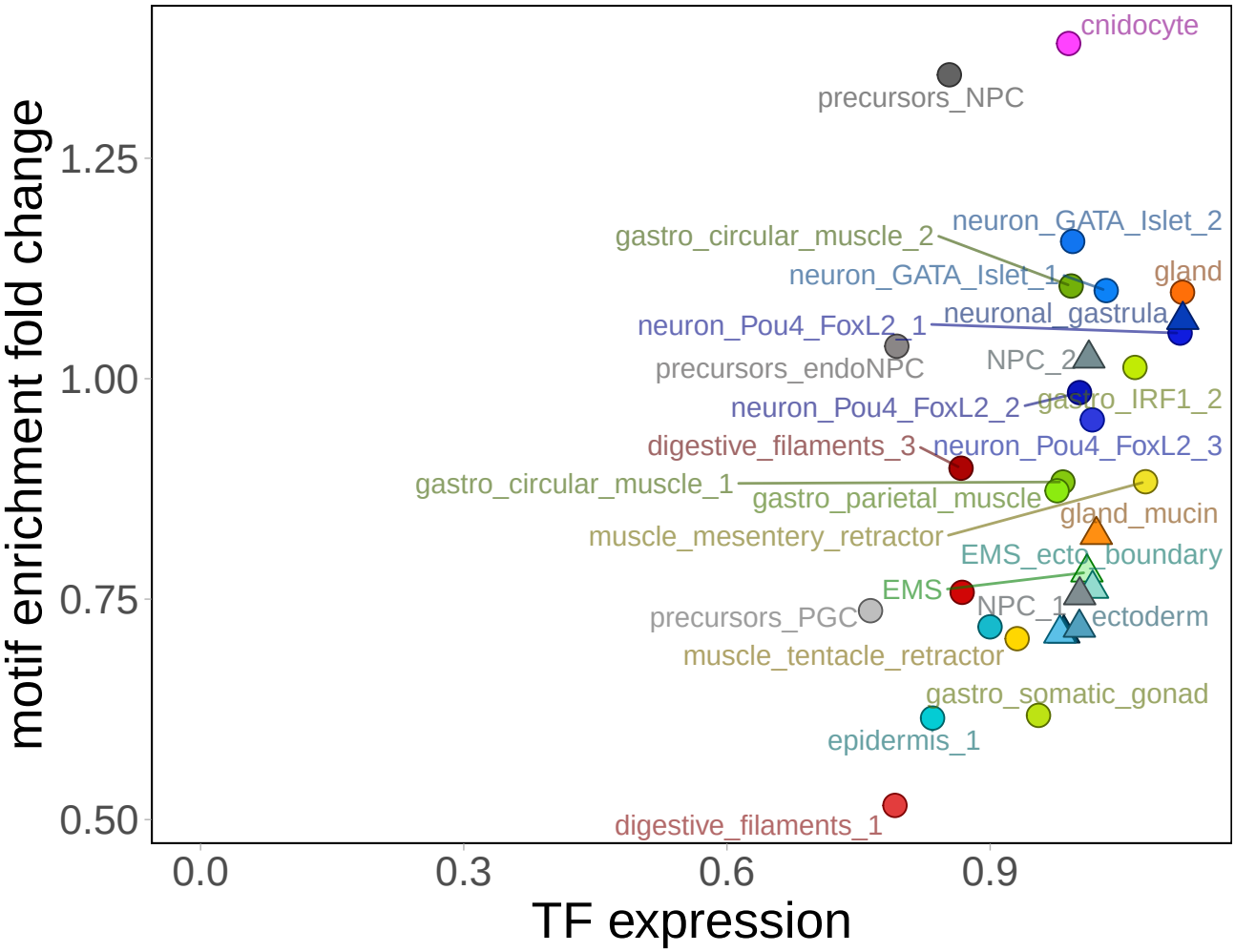
Nvec_vc1.1_XM_032384492.2
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 488
gene expression correlation: 0.2612
gene score correlation: 0.0949



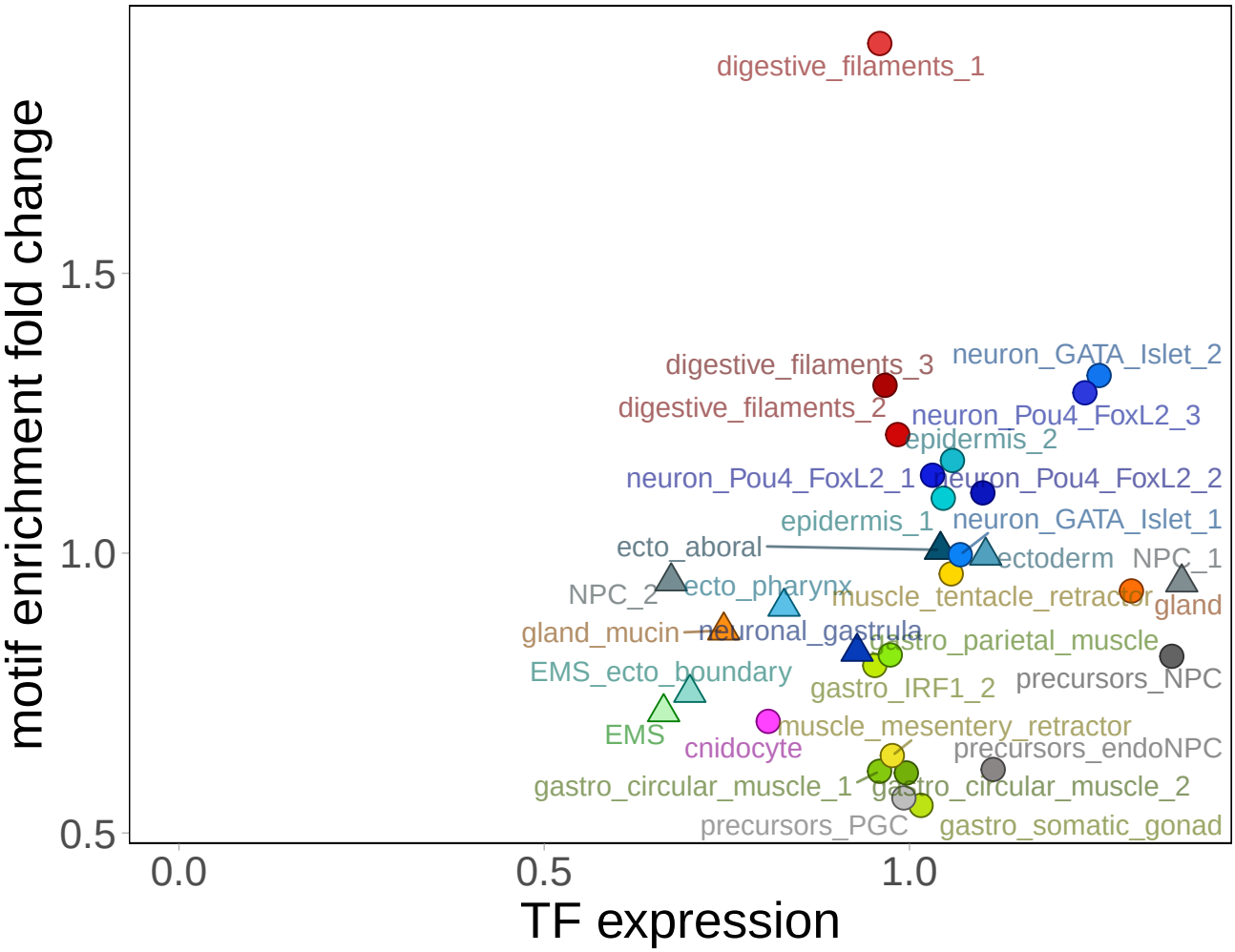
Nvec_vc1.1_XM_032384789.2
OG: Ndt80_PhoG.HG1.0:MYRF/MYRFL
PFAM: NDT80_PhoG/Peptidase_S74/MRF_C1
motif: ARCH1343_CRX
TF family: Ndt80_PhoG
archetype family:
CisBP assigned: FALSE
rank: 629
gene expression correlation: 0.5942
gene score correlation: 0.2546



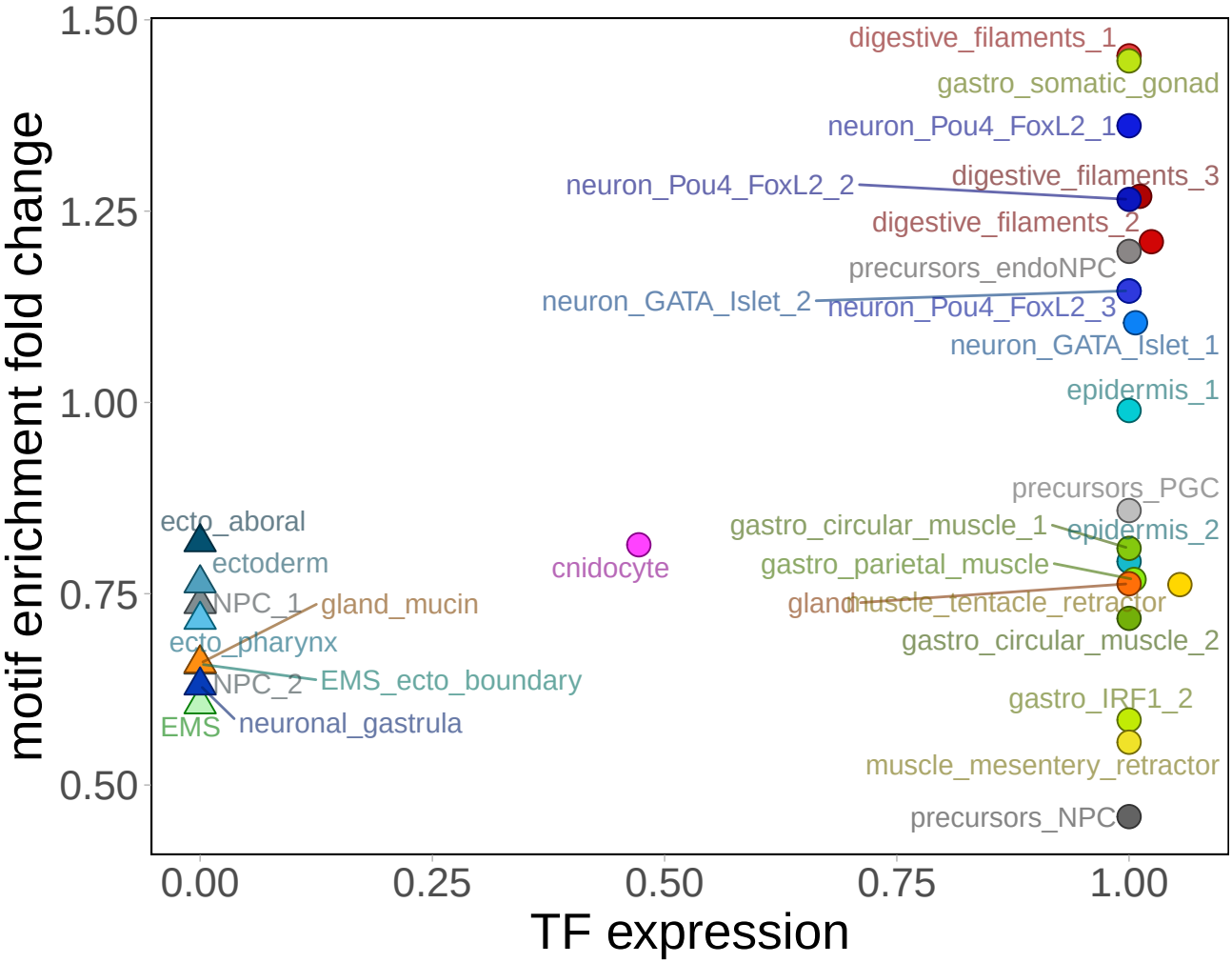
Nvec_vc1.1_XM_032384912.2
OG: zf−C2H2.HG1.78:like:AC008758.1/AC008
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH868_NGA4
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 219
gene expression correlation: 0.3387
gene score correlation: −0.0384



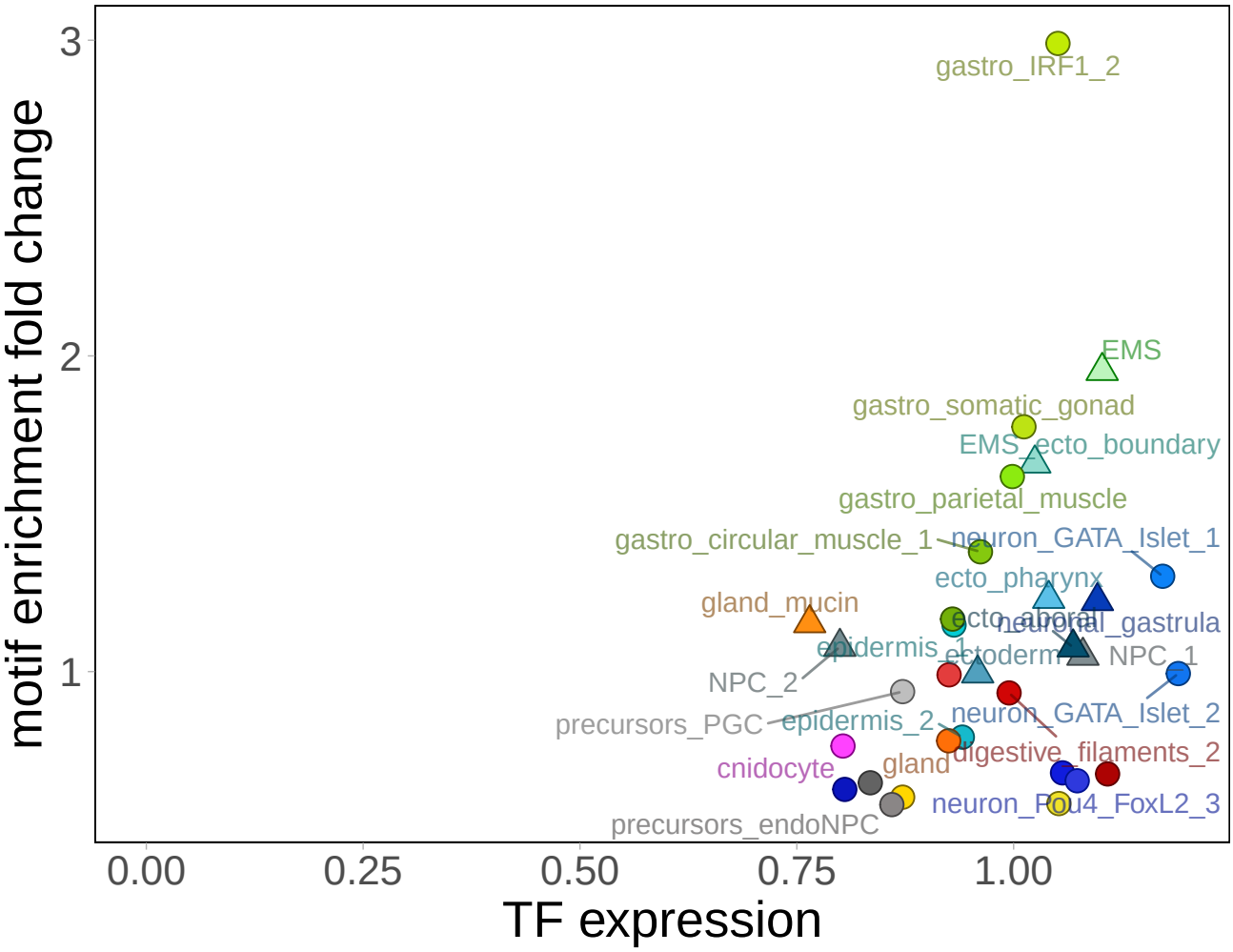
Nvec_vc1.1_XM_032384949.2
OG: Homeodomains.HG2.8:LHX2/LHX9
PFAM: LIM/LIM/Homeodomain
motif: ARCH302_Emx1/Emx2_Hmx1/Hmx3...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 2
gene expression correlation: 0.2171
gene score correlation: 0.4554



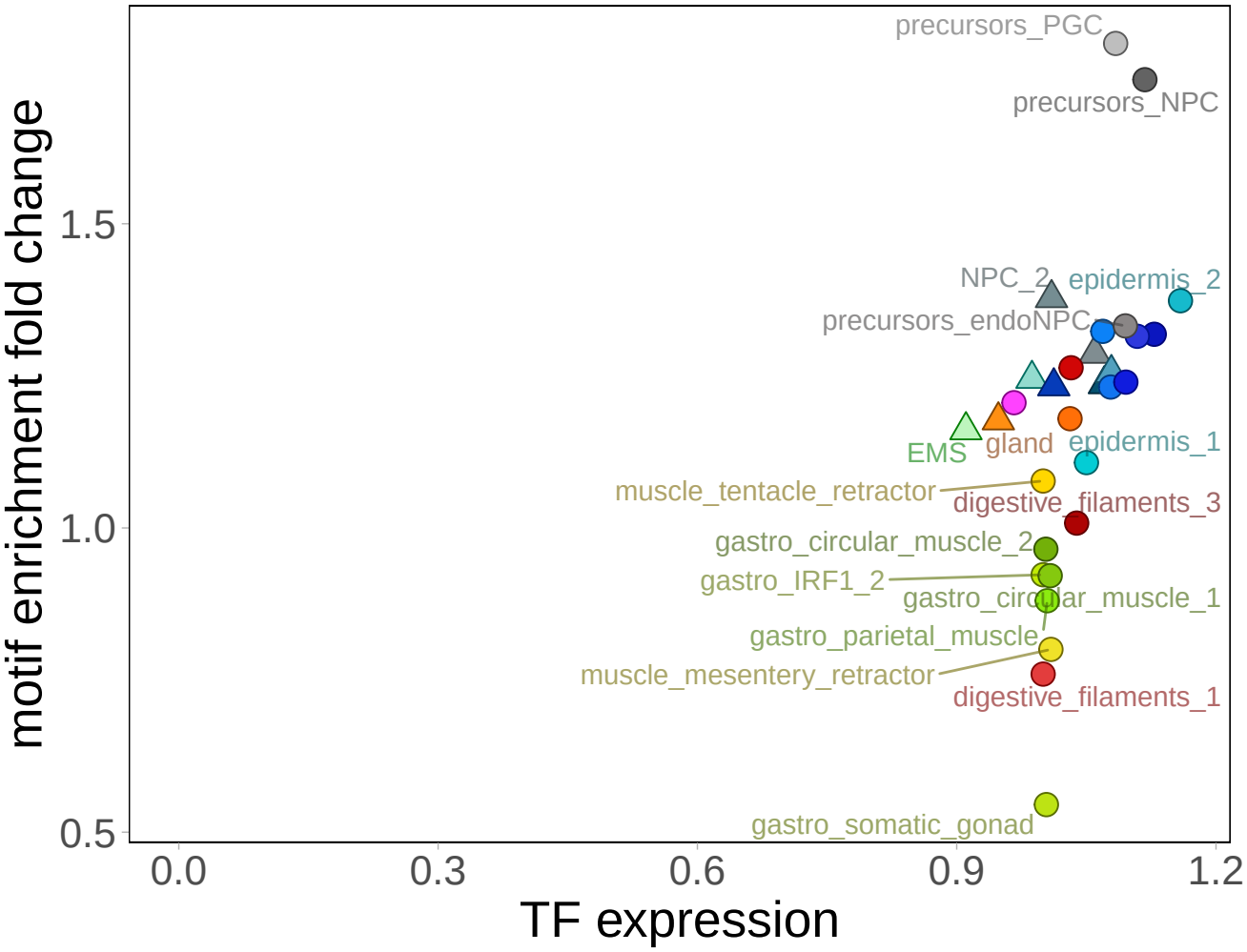
Nvec_vc1.1_XM_032385045.2
OG: Homeodomains.HG1.21:BARX1/BARX2/B
PFAM: Homeodomain
motif: ARCH26_Nkx3−2
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 626
gene expression correlation: 0.4725
gene score correlation: 0.2917



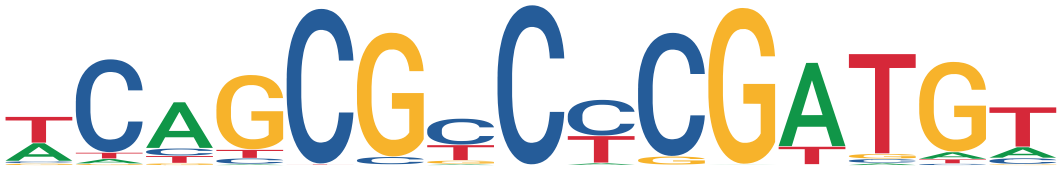
Nvec_vc1.1_XM_032385089.2
OG: Ets.HG1.7:GABPA
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 47
gene expression correlation: 0.3010
gene score correlation: 0.5220

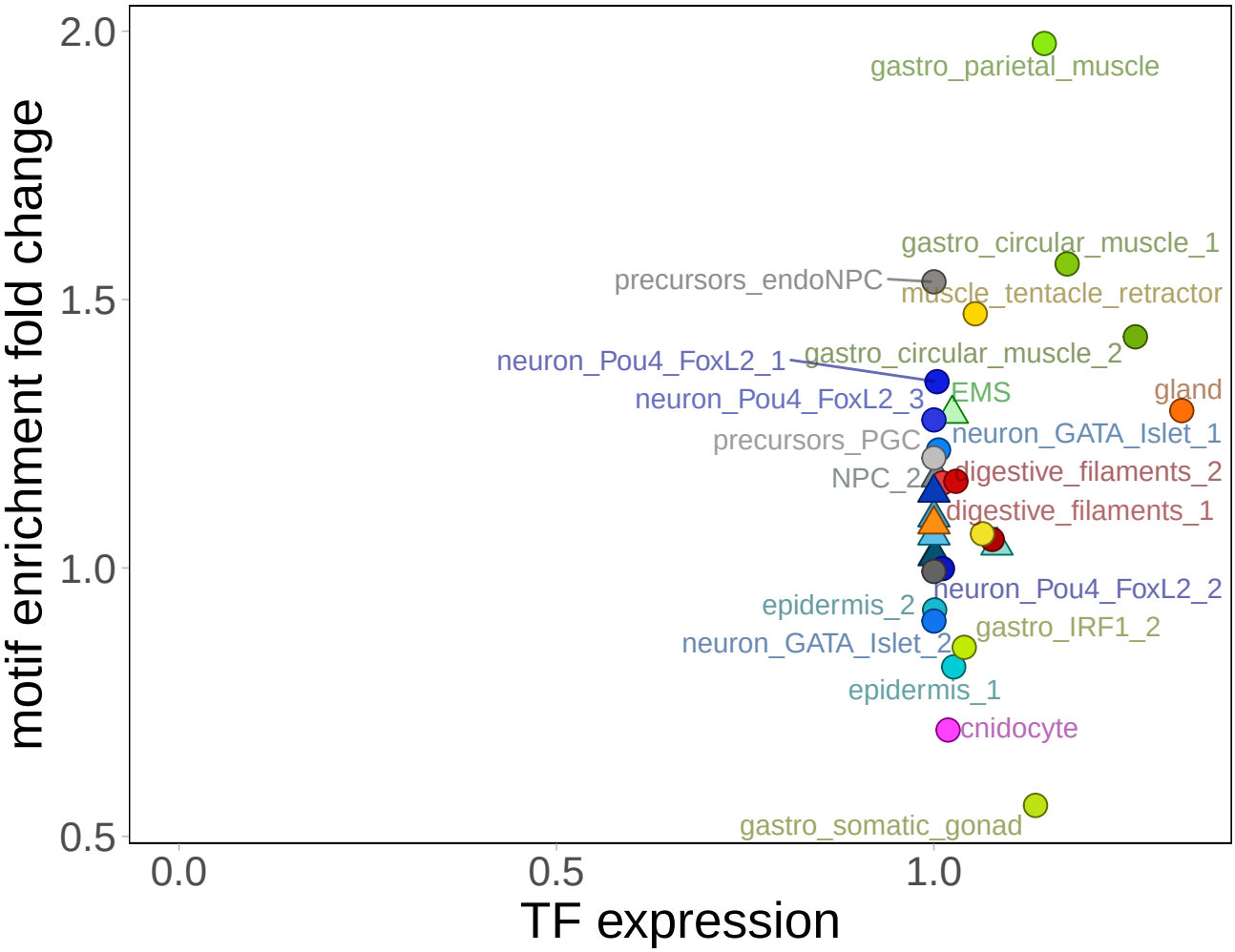


Nvec_vc1.1_XM_032385373.2
OG: zf−C2H2.HG13.5:GLI4/ZFP90/ZNF7/ZNF
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH710_STB5
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 478
gene expression correlation: 0.5256
gene score correlation: 0.2187

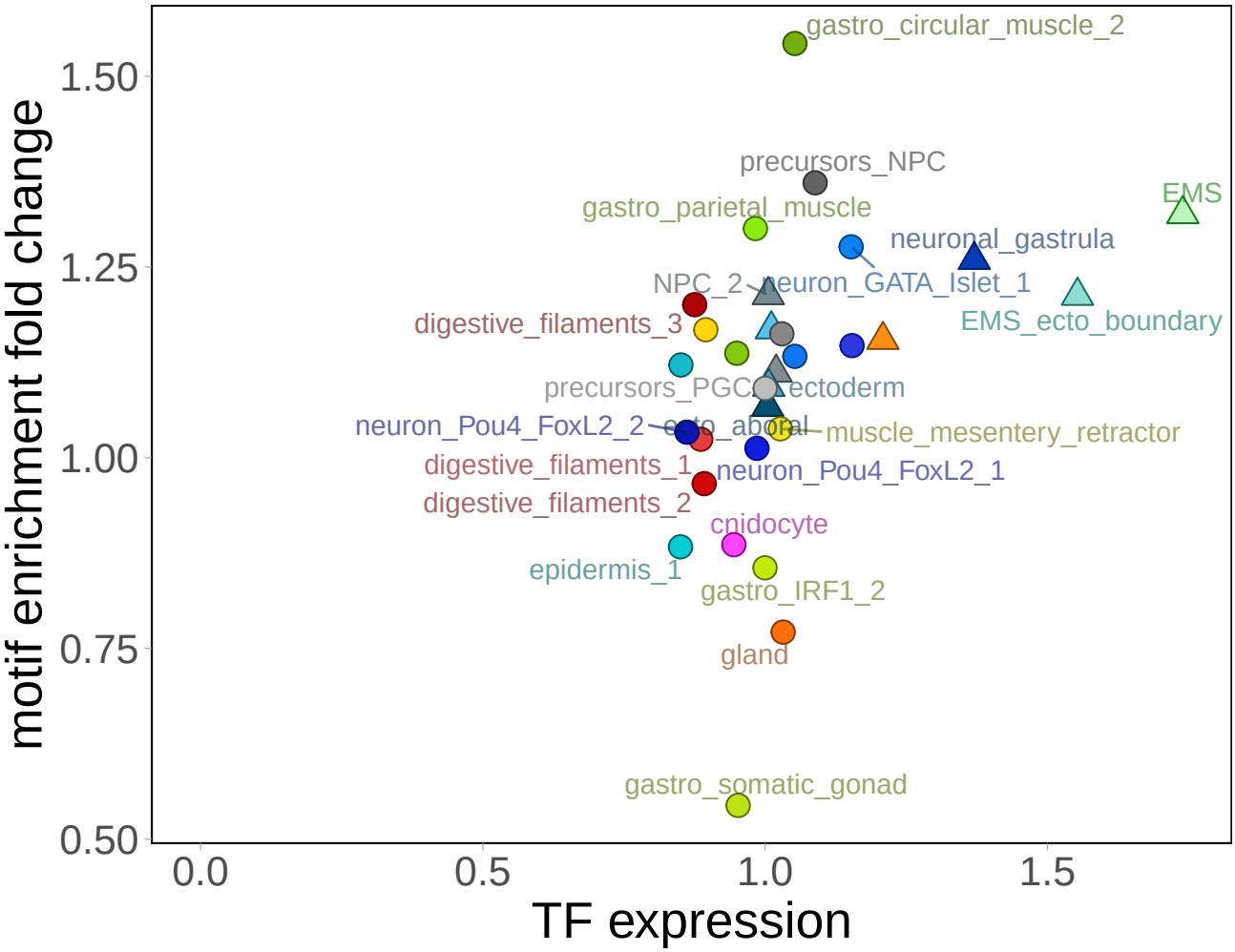


Nvec_vc1.1_XM_032385411.2
OG: HMGbox_Sox.HG1.17:PINX1/SOX7/SOX1
PFAM: HMG_box
motif: ARCH924_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 314
gene expression correlation: 0.3213
gene score correlation: 0.4480

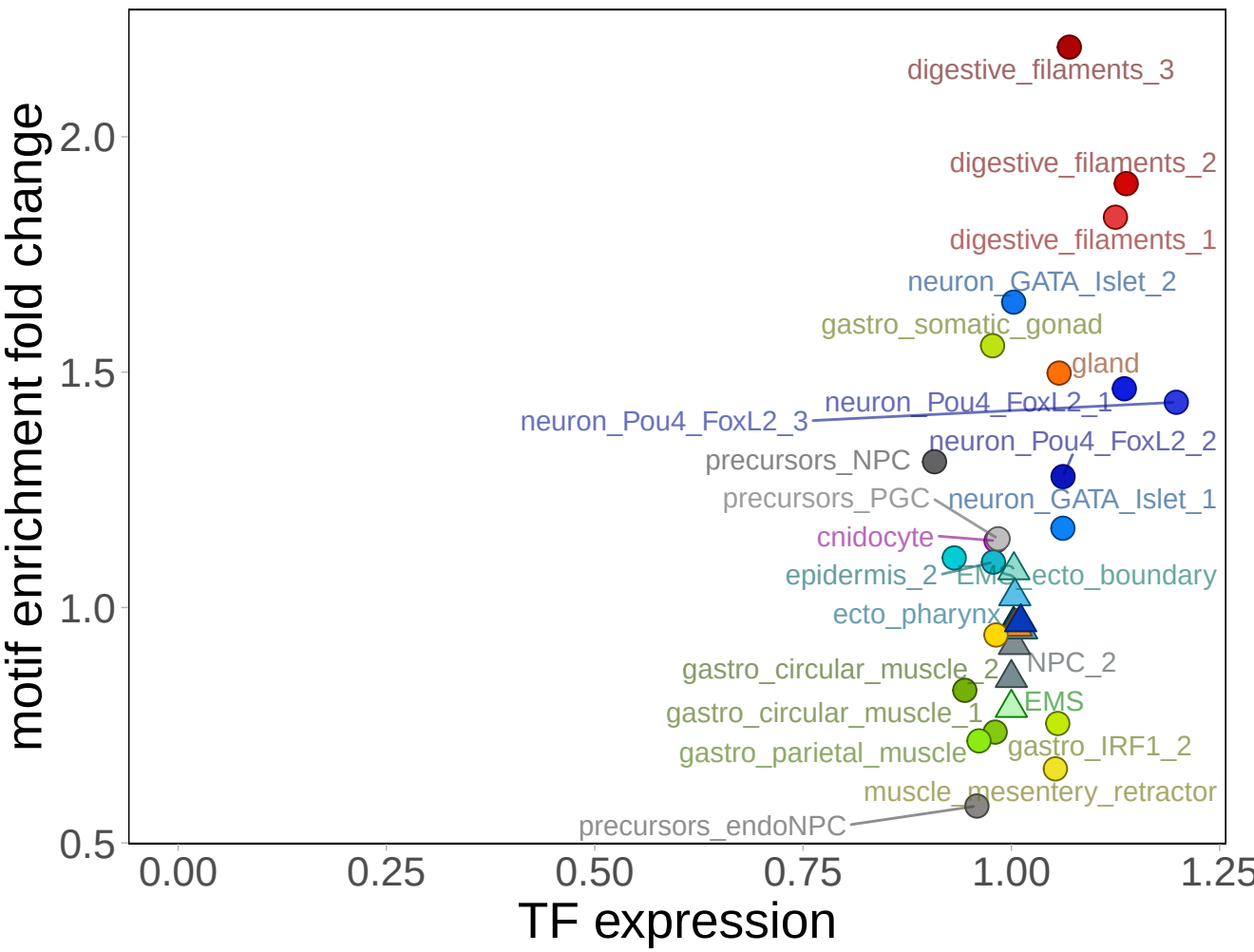




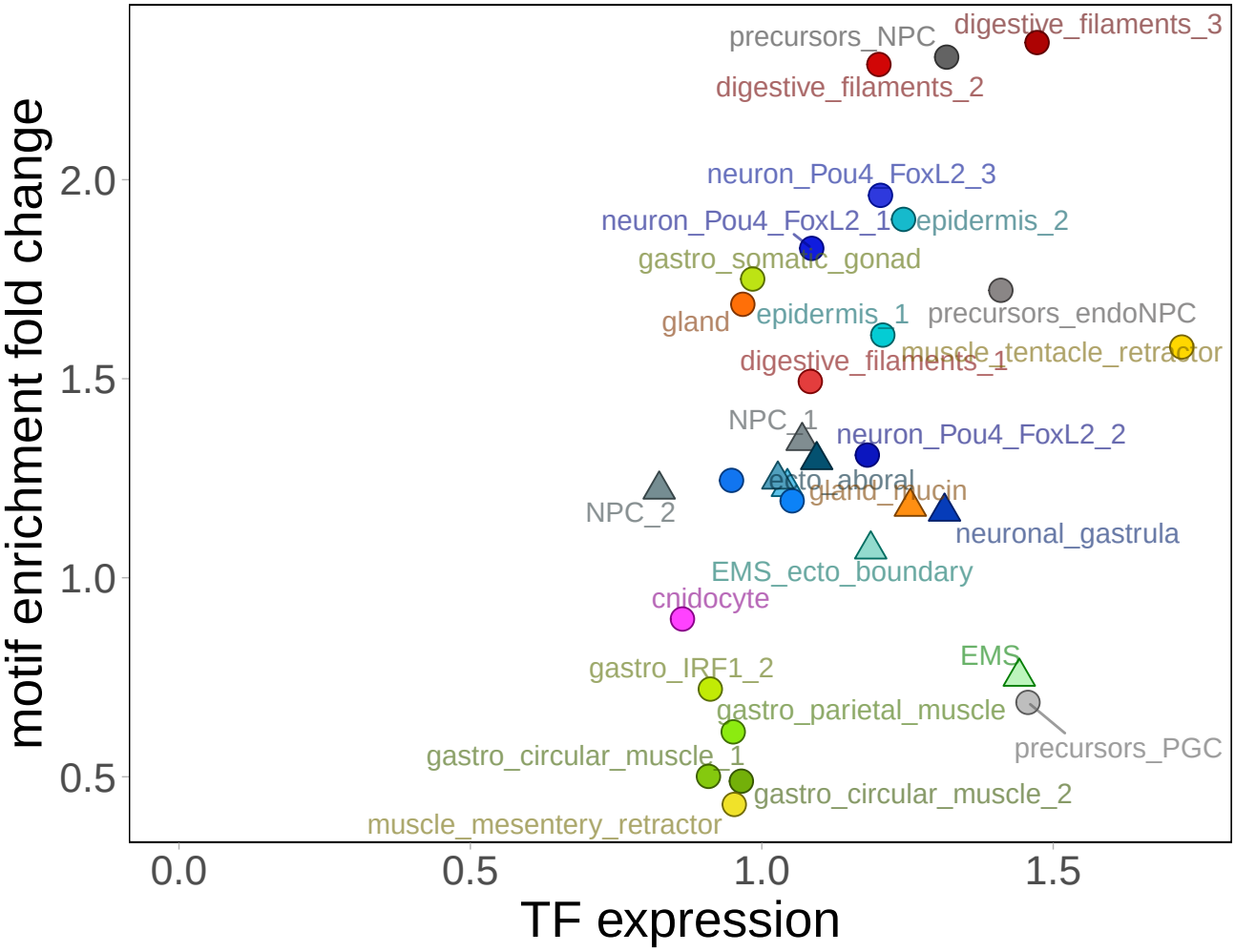
Nvec_vc1.1_XM_032385556.2
OG: Homeodomains.HG4.9:like:POU3F1/POU
PFAM: Pou/Homeodomain
motif: ARCH418_CRF10
TF family: Pou/Homeodomain
archetype family:
CisBP assigned: FALSE
rank: 398
gene expression correlation: 0.3926
gene score correlation: −0.1325



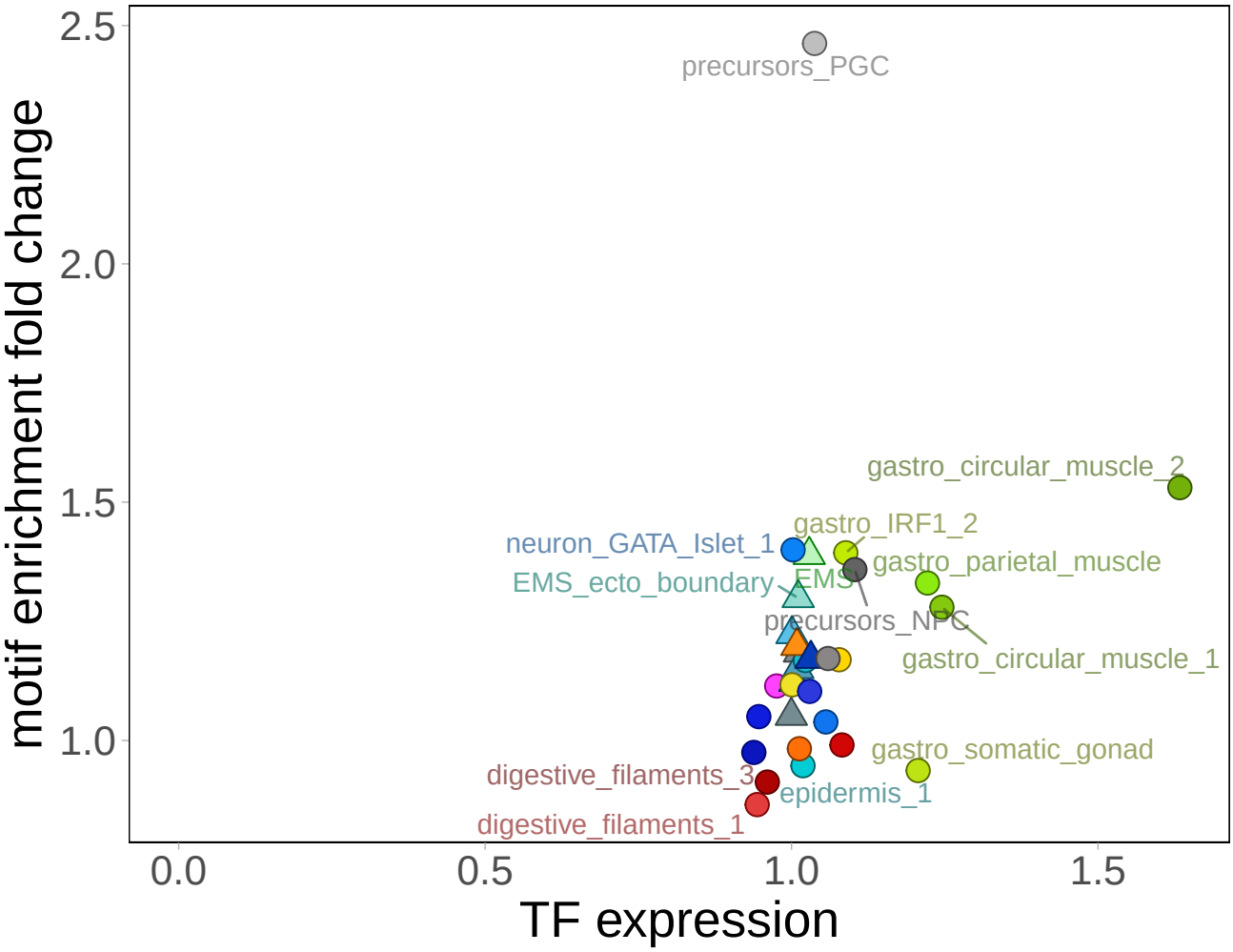
Nvec_vc1.1_XM_032385569.2
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARN
PFAM: HLH/PAS/PAS_11
motif: ARCH1033_slp1
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 20
gene expression correlation: 0.5163
gene score correlation: 0.4063



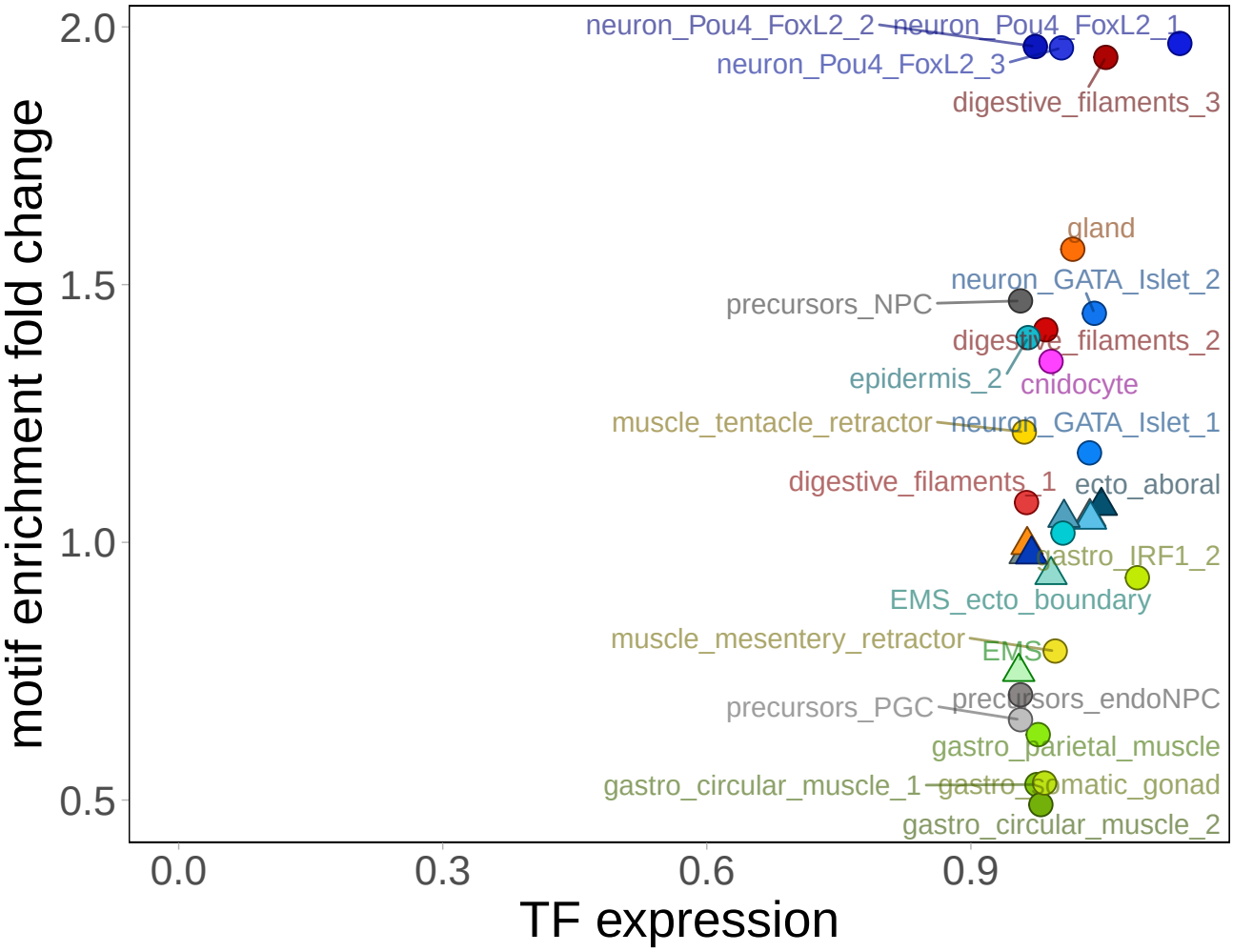
Nvec_vc1.1_XM_032385577.2
OG: Homeodomains.HG3.2:CERS2/CERS3/C
PFAM: Homeodomain/TRAM_LAG1_CLN8
motif: ARCH66_Barx2/Barx1_Dlx4/Dlx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 260
gene expression correlation: 0.3885
gene score correlation: 0.0188



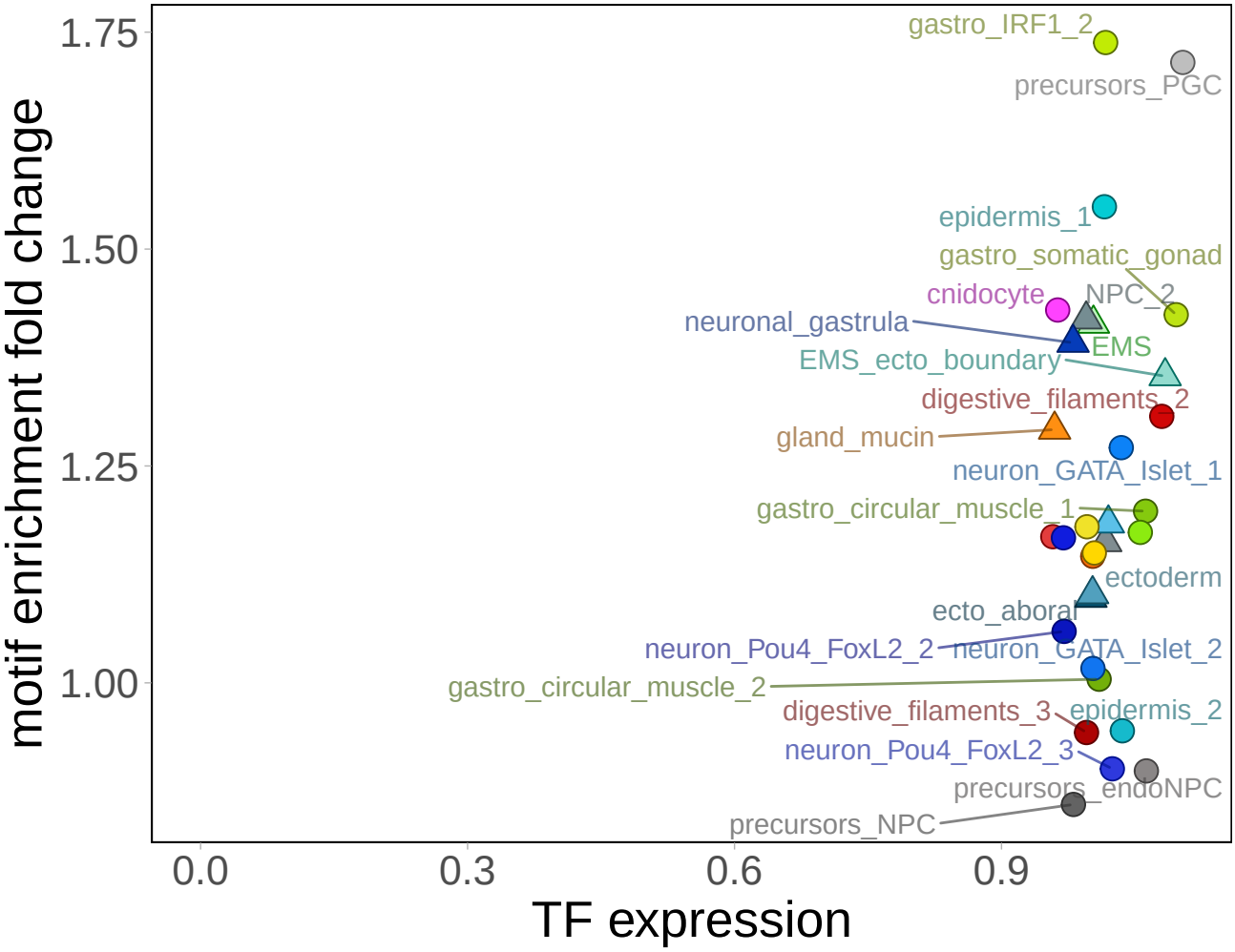
Nvec_vc1.1_XM_032385715.2
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 81
gene expression correlation: 0.2766
gene score correlation: 0.3201



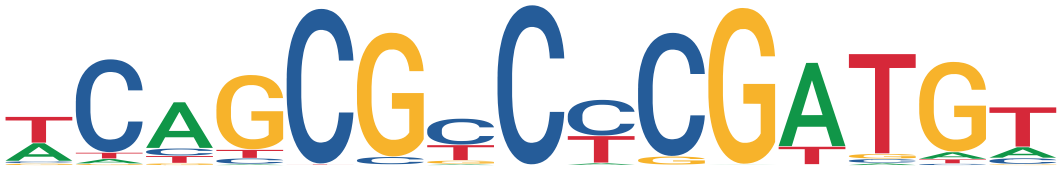
Nvec_vc1.1_XM_032385746.2
OG: Myb.HG1.2:DMTF1/TTF1
PFAM: Myb_DNA−binding/Myb_DNA−binding
motif: ARCH57_gsb
TF family: Myb
archetype family:
CisBP assigned: FALSE
rank: 1164
gene expression correlation: 0.4025
gene score correlation: −0.0250

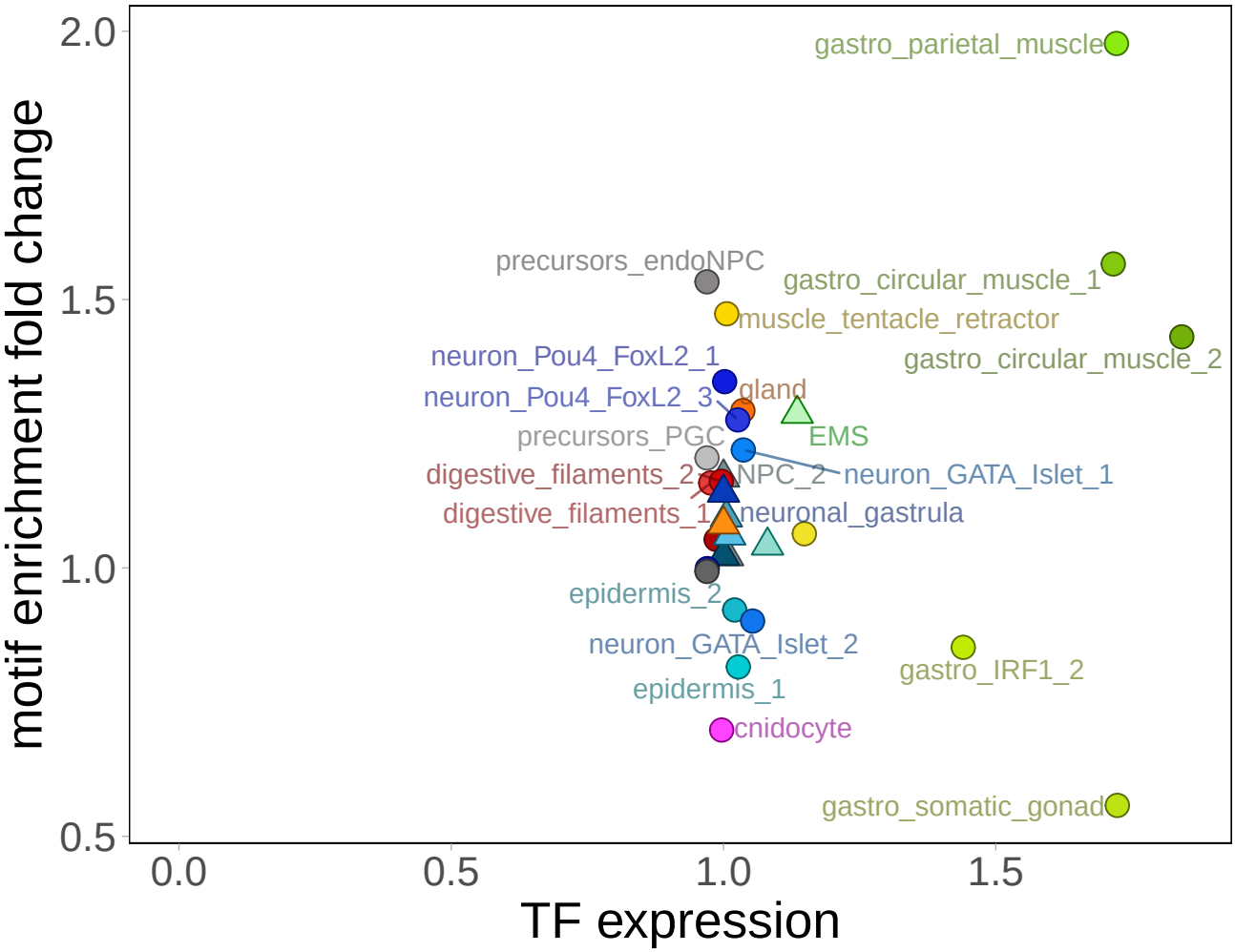


Nvec_vc1.1_XM_032385905.2
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2
motif: ARCH1607_Atf7/Gm28047/Creb5...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 1037
gene expression correlation: 0.2346
gene score correlation: −0.0163

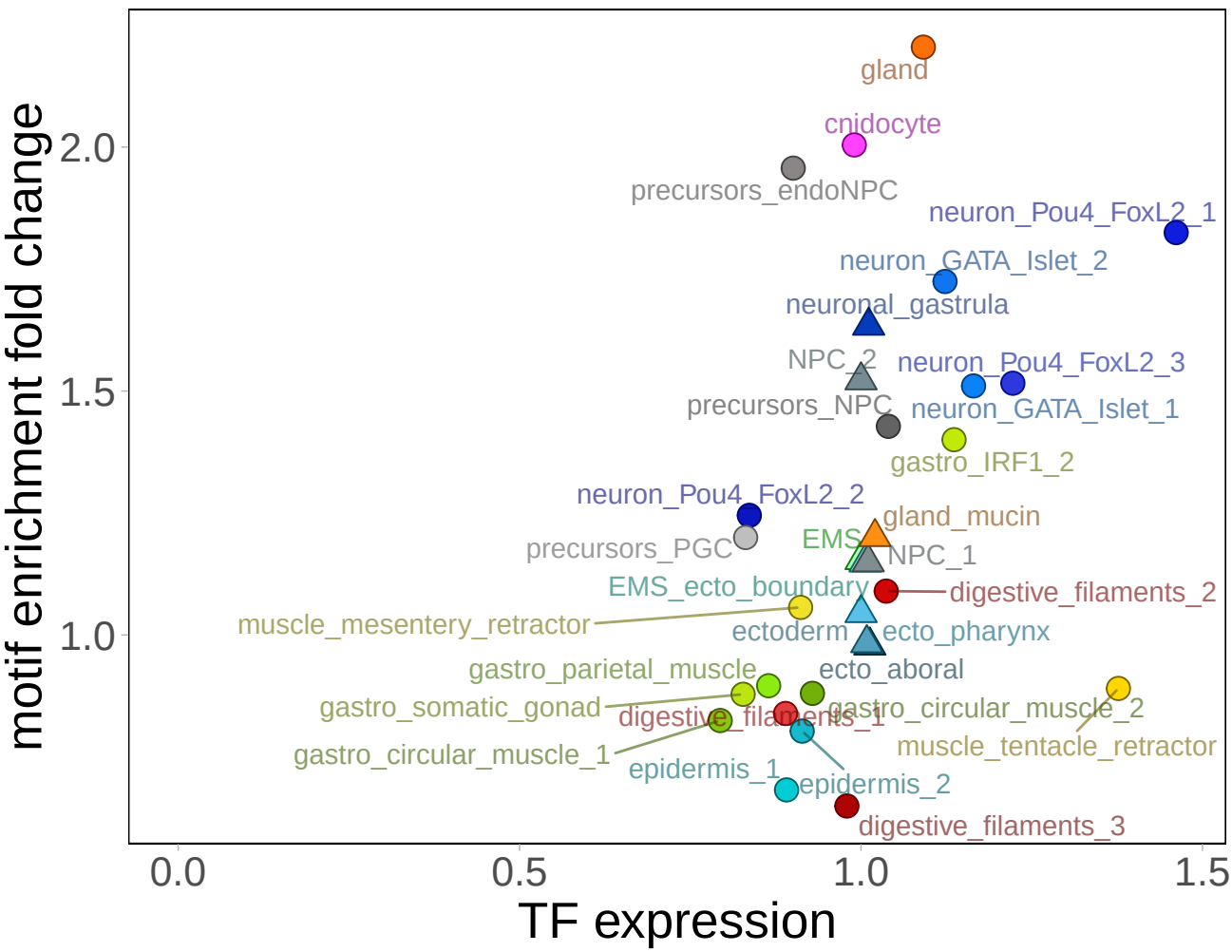


Nvec_vc1.1_XM_032386296.2
OG: HMGbox_Sox.HG1.18:like:SOX1/SOX2/S
PFAM: HMG_box
motif: ARCH924_/Lef1/Tcf7l1/Tcf7
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: FALSE
rank: 947
gene expression correlation: 0.2694
gene score correlation: −0.0164

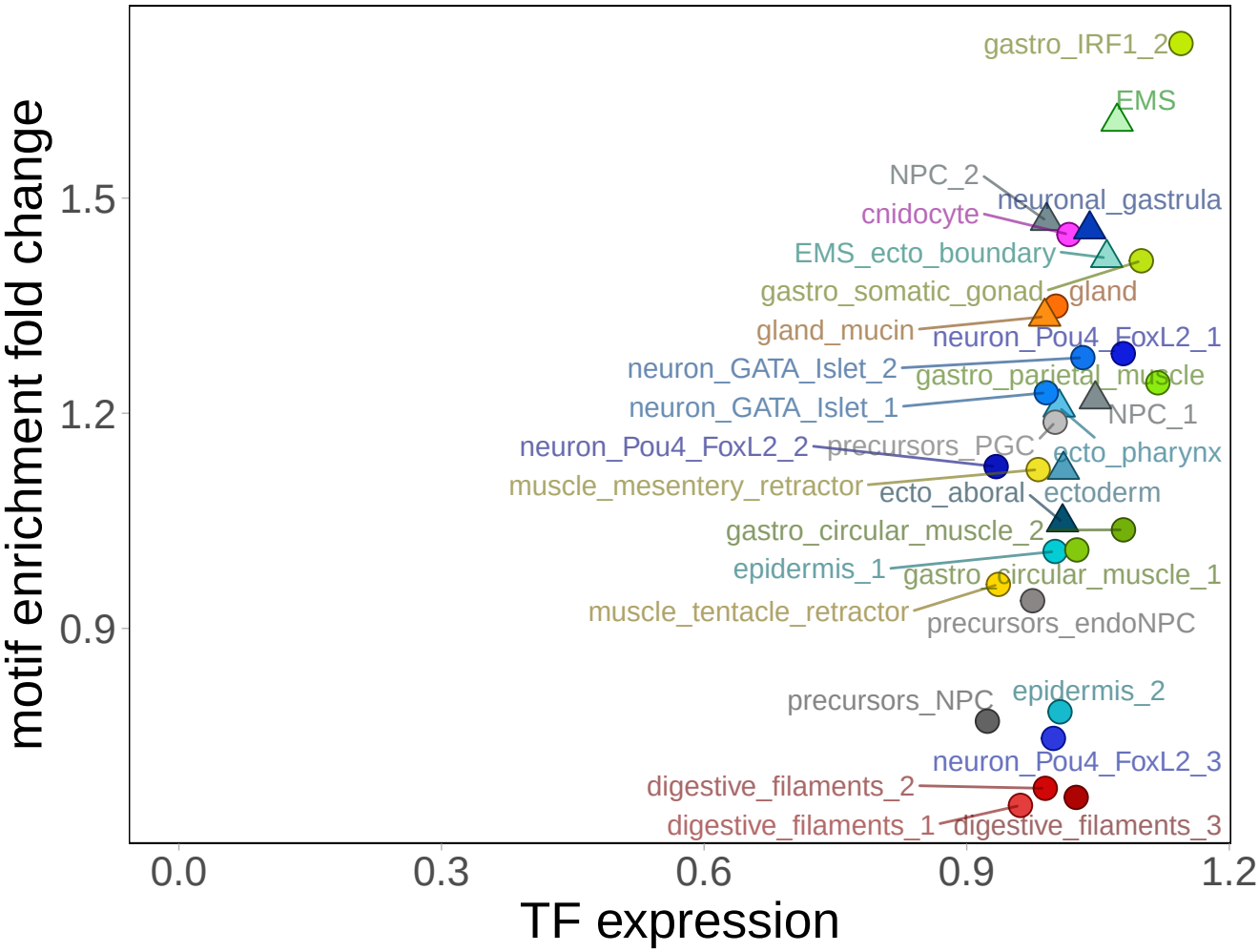




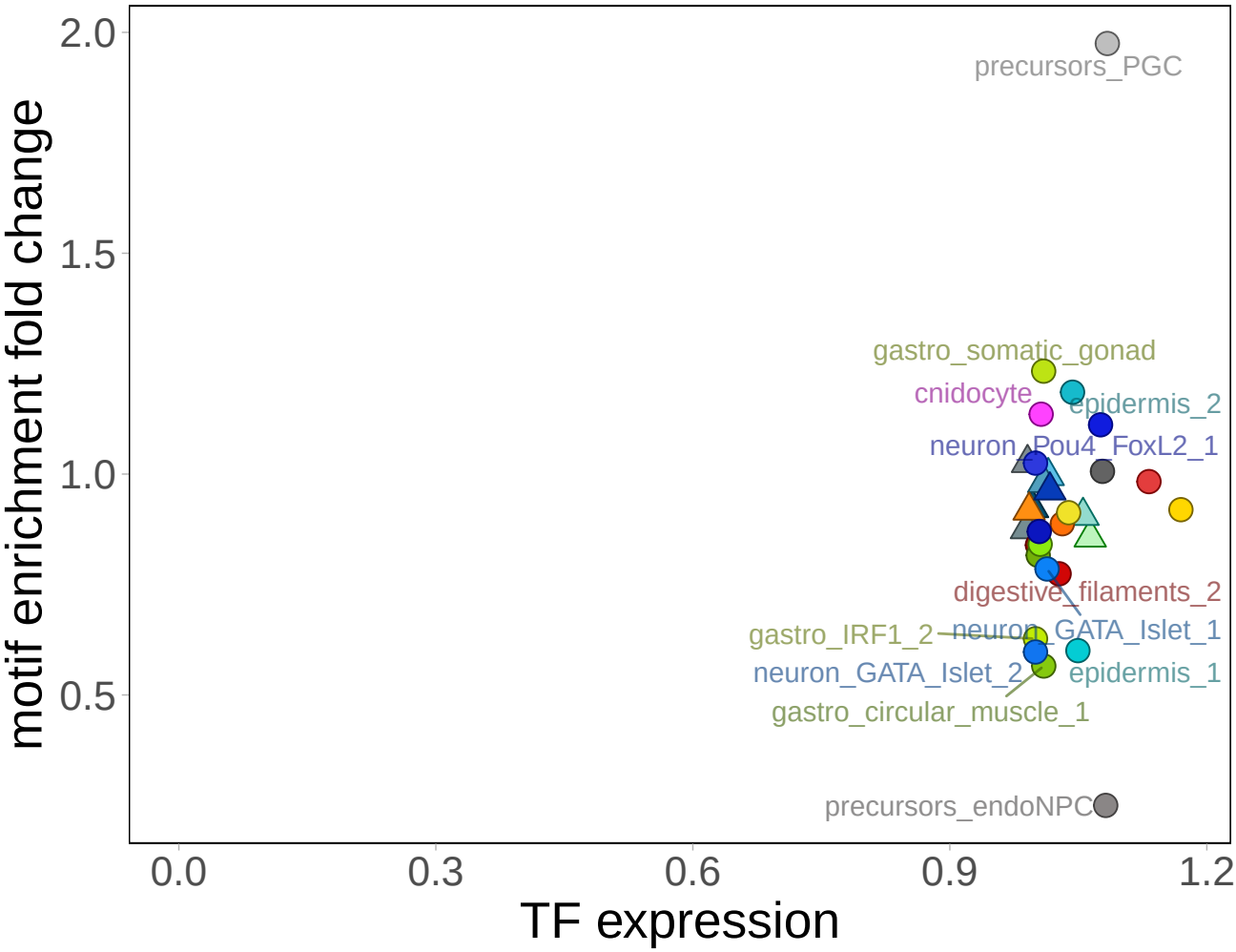
Nvec_vc1.1_XM_032386356.2
OG: HLH.HG1.25:SREBF1/SREBF2
PFAM: HLH
motif: ARCH749_Ptf1a
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 384
gene expression correlation: 0.3985
gene score correlation: 0.0956



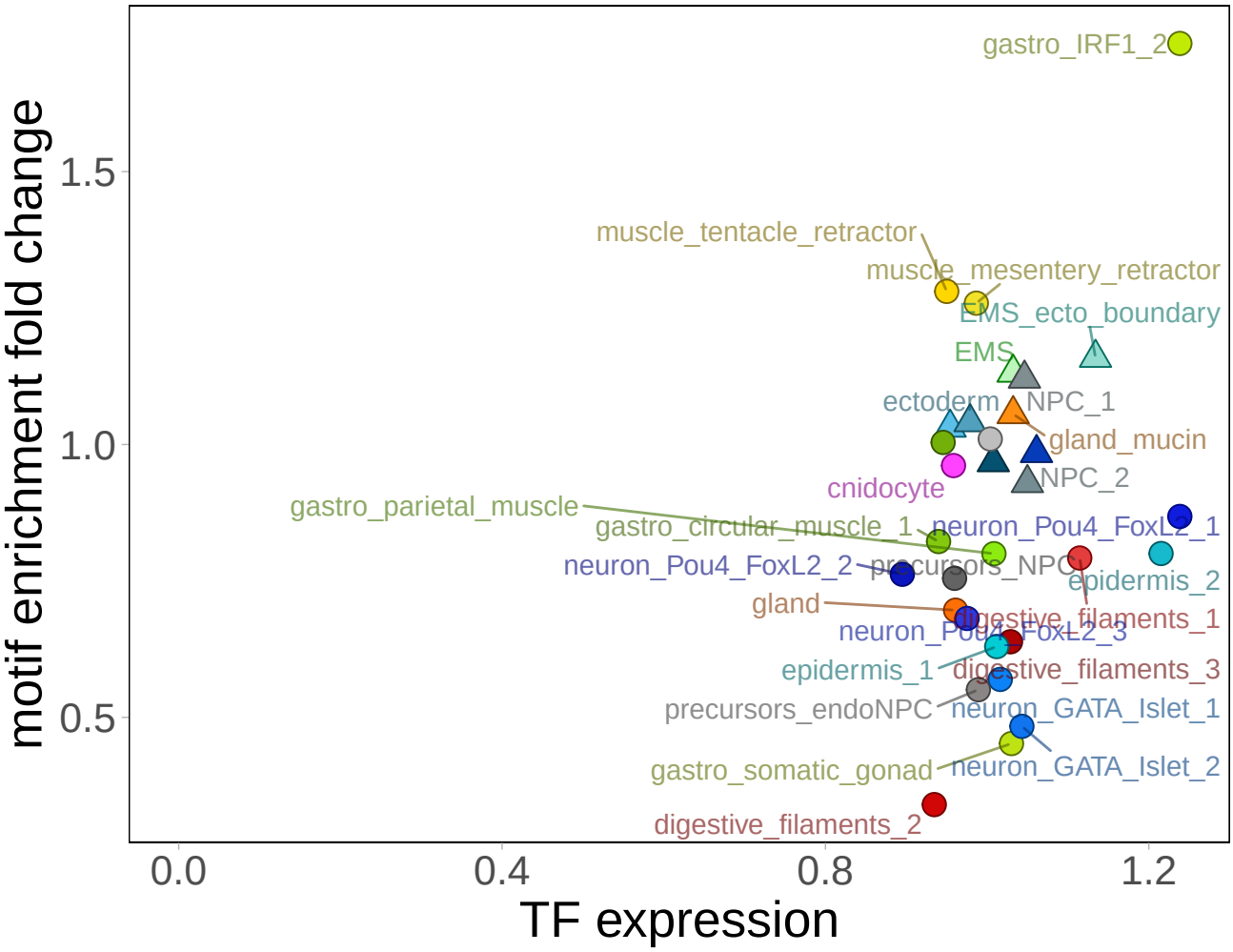
Nvec_vc1.1_XM_032386357.2
OG: HLH.HG1.25:SREBF1/SREBF2
PFAM: HLH
motif: ARCH1577_Srebf2/Srebf1
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 2
gene expression correlation: 0.5604
gene score correlation: 0.0412



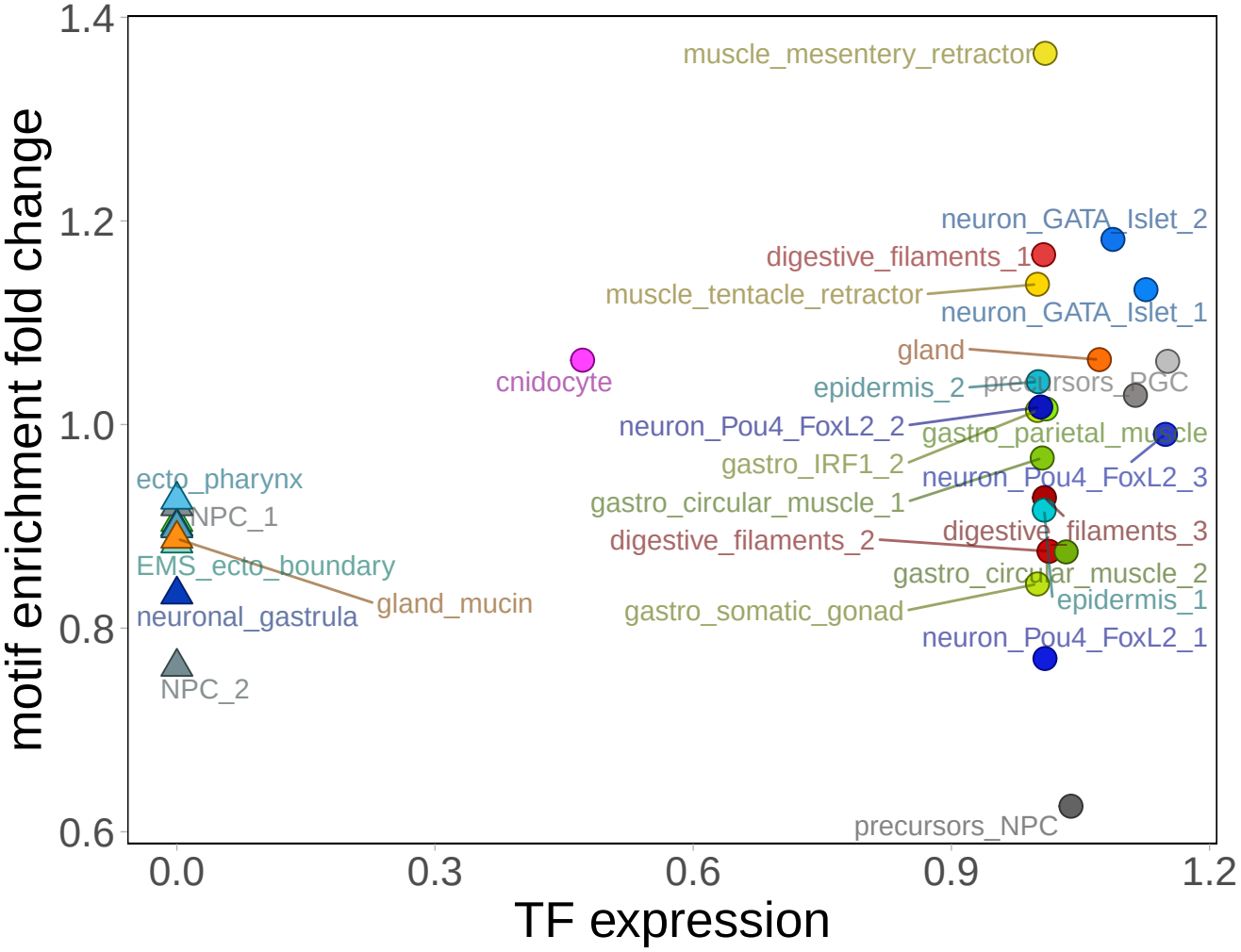
Nvec_vc1.1_XM_032386968.2
OG: zf−C2H2.HG1.116:like:AC008758.1/AC00
PFAM: zf−C2H2/zf−C2H2_4
motif: ARCH1194_RALY
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 95
gene expression correlation: 0.1460
gene score correlation: 0.3713



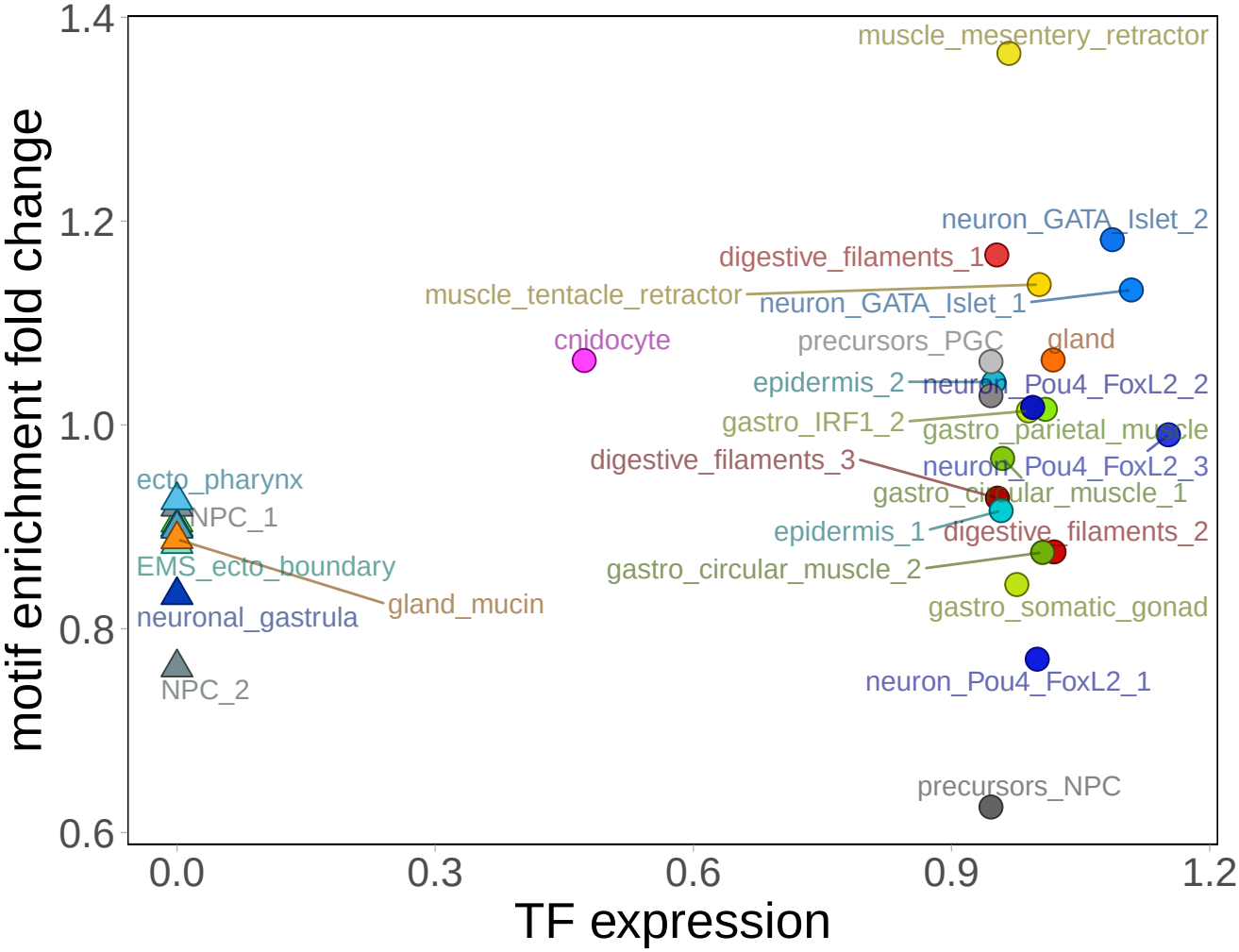
Nvec_vc1.1_XM_032387218.2
OG: zf−C2H2.HG57.1:like:ZBTB48
PFAM: zf−C2H2_6/zf−C2H2_6/zf−met/zf−C2H
motif: ARCH500_ZNF467
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 1639
gene expression correlation: 0.3070
gene score correlation: −0.1137



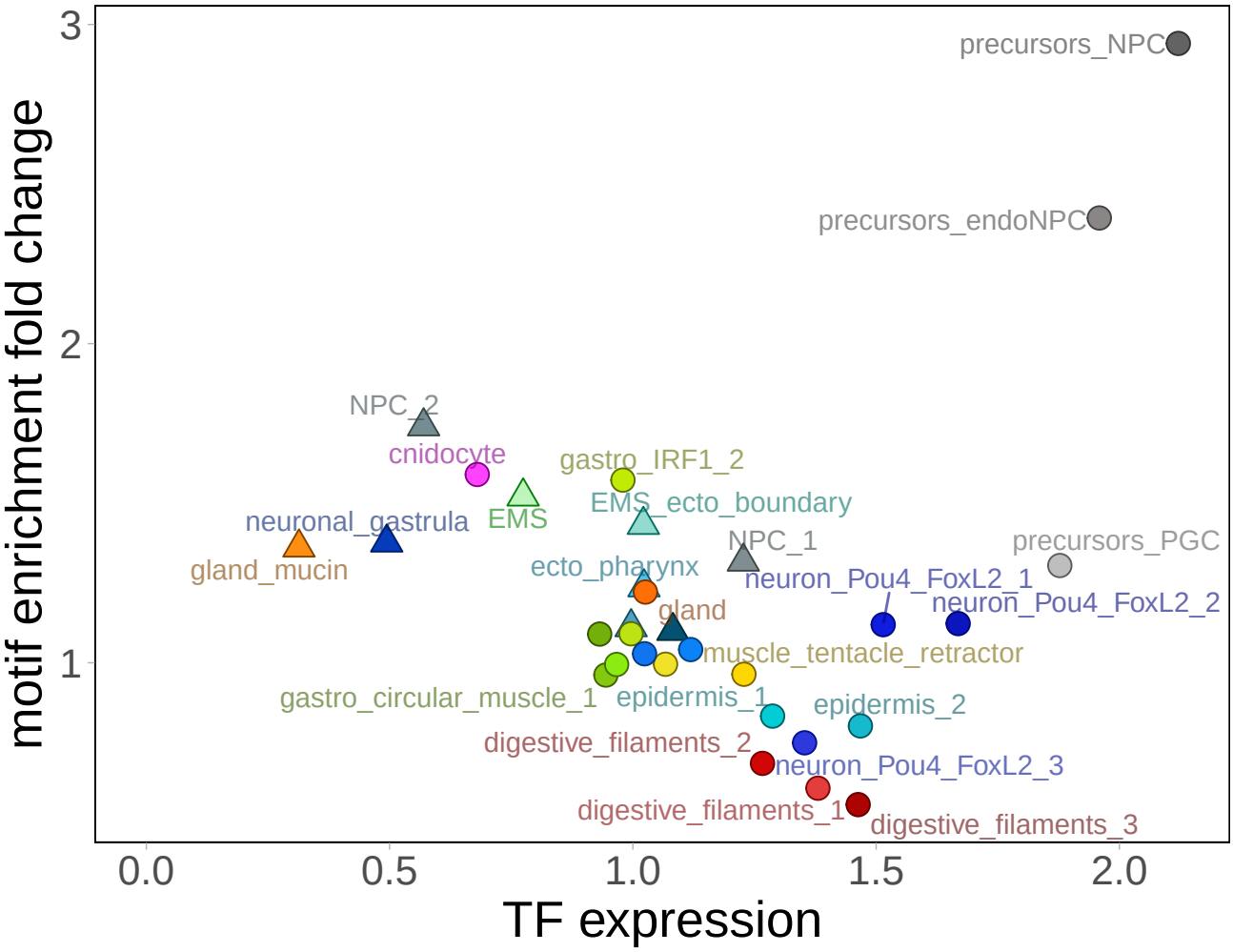
Nvec_vc1.1_XM_032387281.2
OG: zf−C2H2.HG15.1:OVOL1/OVOL2/OVOL3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 460
gene expression correlation: 0.3836
gene score correlation: 0.0792



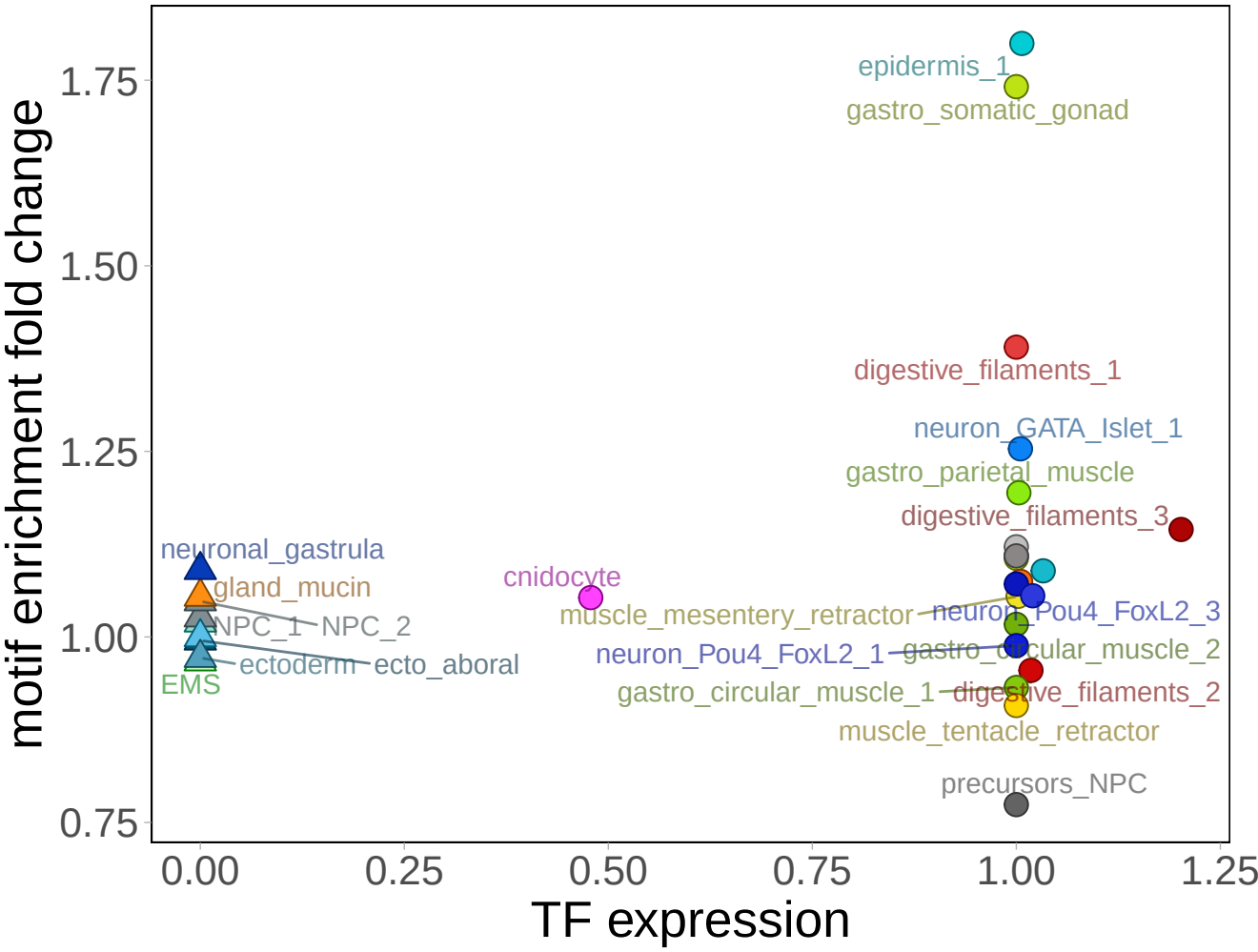
Nvec_vc1.1_XM_048720215.1
OG: zf−C2H2.HG116.0:NA
PFAM: zf−C2H2/zf−C2H2
motif: ARCH1201_Gfi1b/Gfi1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 684
gene expression correlation: 0.3869
gene score correlation: 0.0378



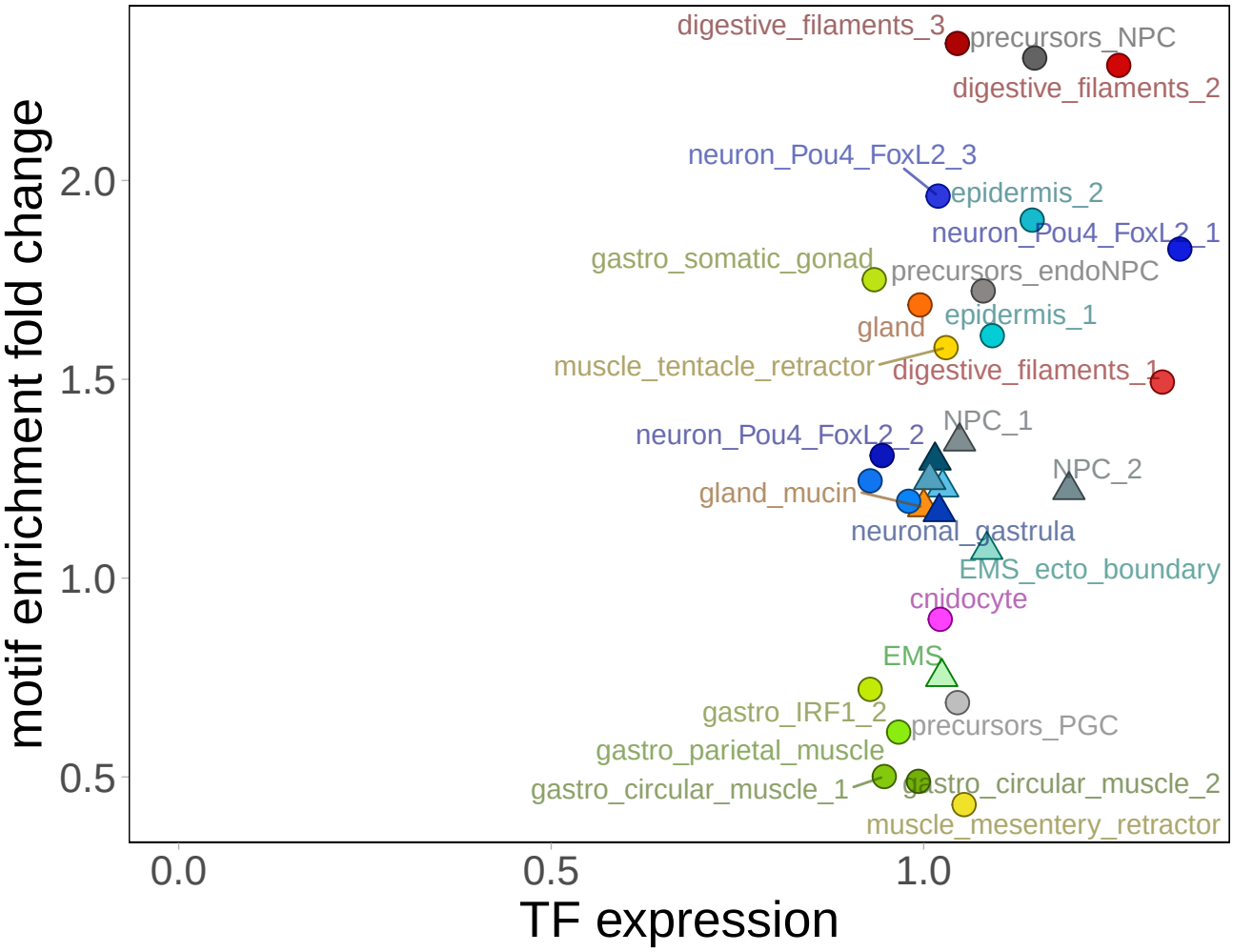
Nvec_vc1.1_XM_048721183.1
OG: HLH.HG1.24:MAX
PFAM: HLH/TPR_8/PPP5/Metallophos
motif: ARCH401_Max/Ppp5c_Usf3
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 186
gene expression correlation: 0.2029
gene score correlation: 0.4703



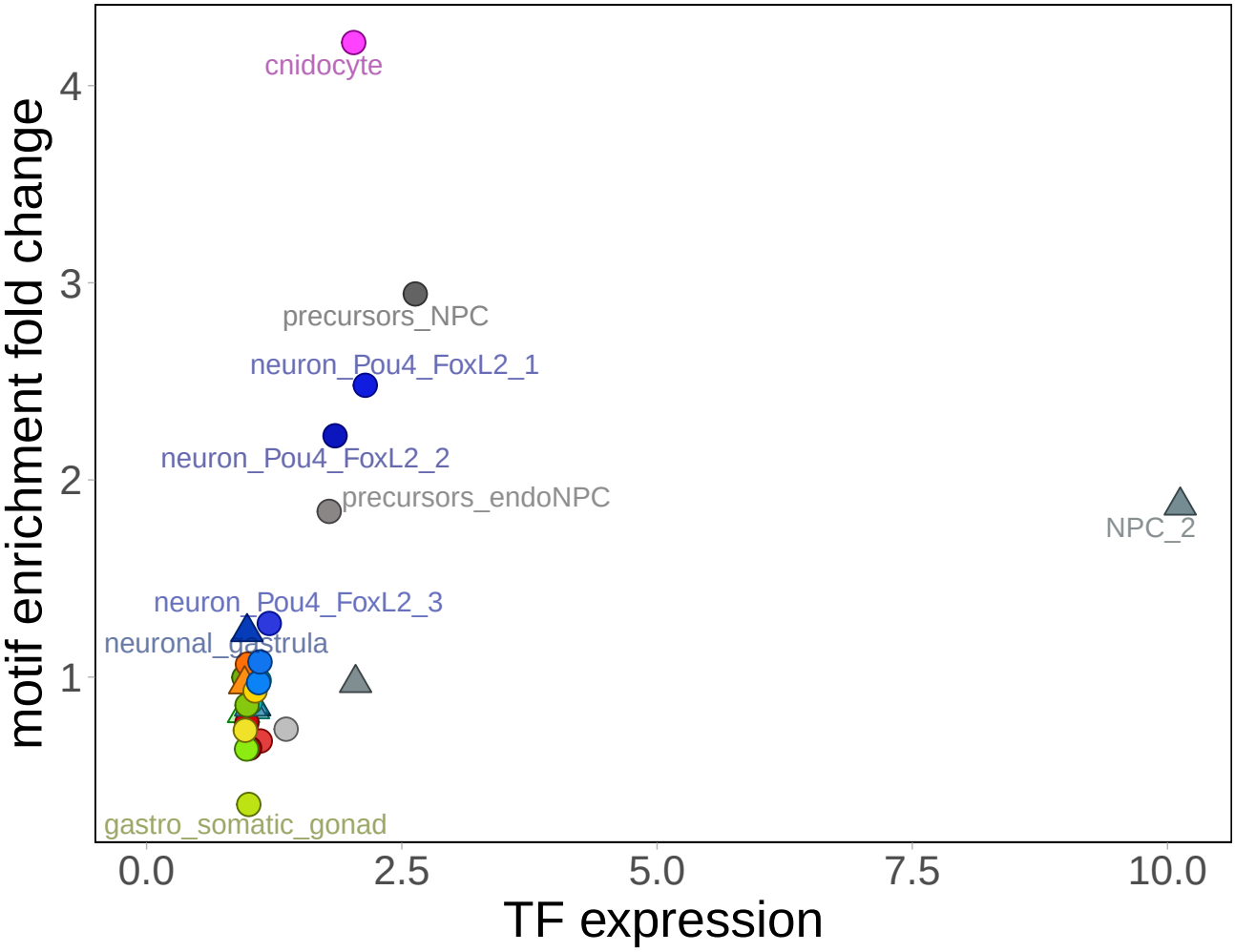
Nvec_vc1.1_XM_048721315.1
OG: HLH.HG1.31:like:ASCL1/ASCL2/ASCL3/A
PFAM: HLH
motif: ARCH144_BHLHE23
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 1021
gene expression correlation: 0.2615
gene score correlation: 0.0749



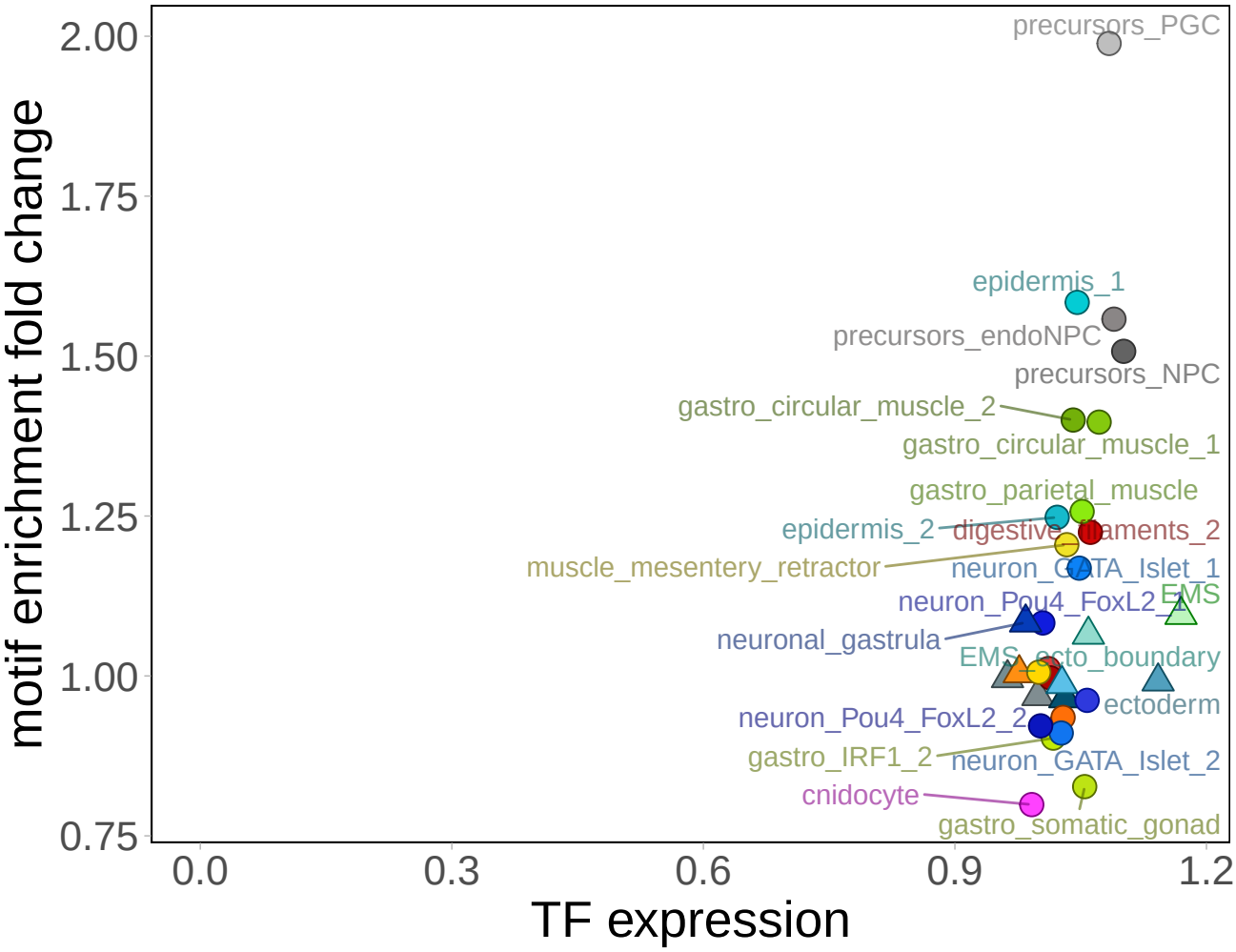
Nvec_vc1.1_XM_048721411.1
OG: zf−C2H2.HG66.0:ZNF8
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH66_Barx2/Barx1_Dlx4/Dlx...
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 121
gene expression correlation: 0.4542
gene score correlation: 0.3700



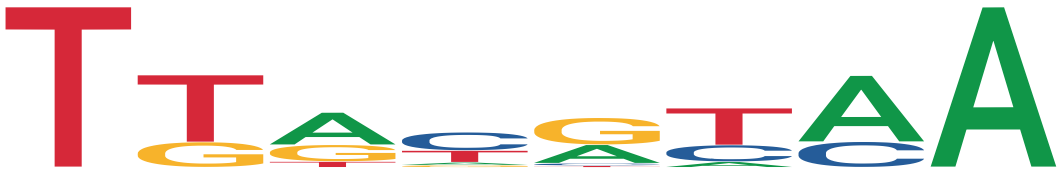
Nvec_vc1.1_XM_048721414.1
OG: zf−C2H2.HG1.7:PRDM13
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH861_Scrt2/Scrt1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 1
gene expression correlation: 0.3574
gene score correlation: 0.7450

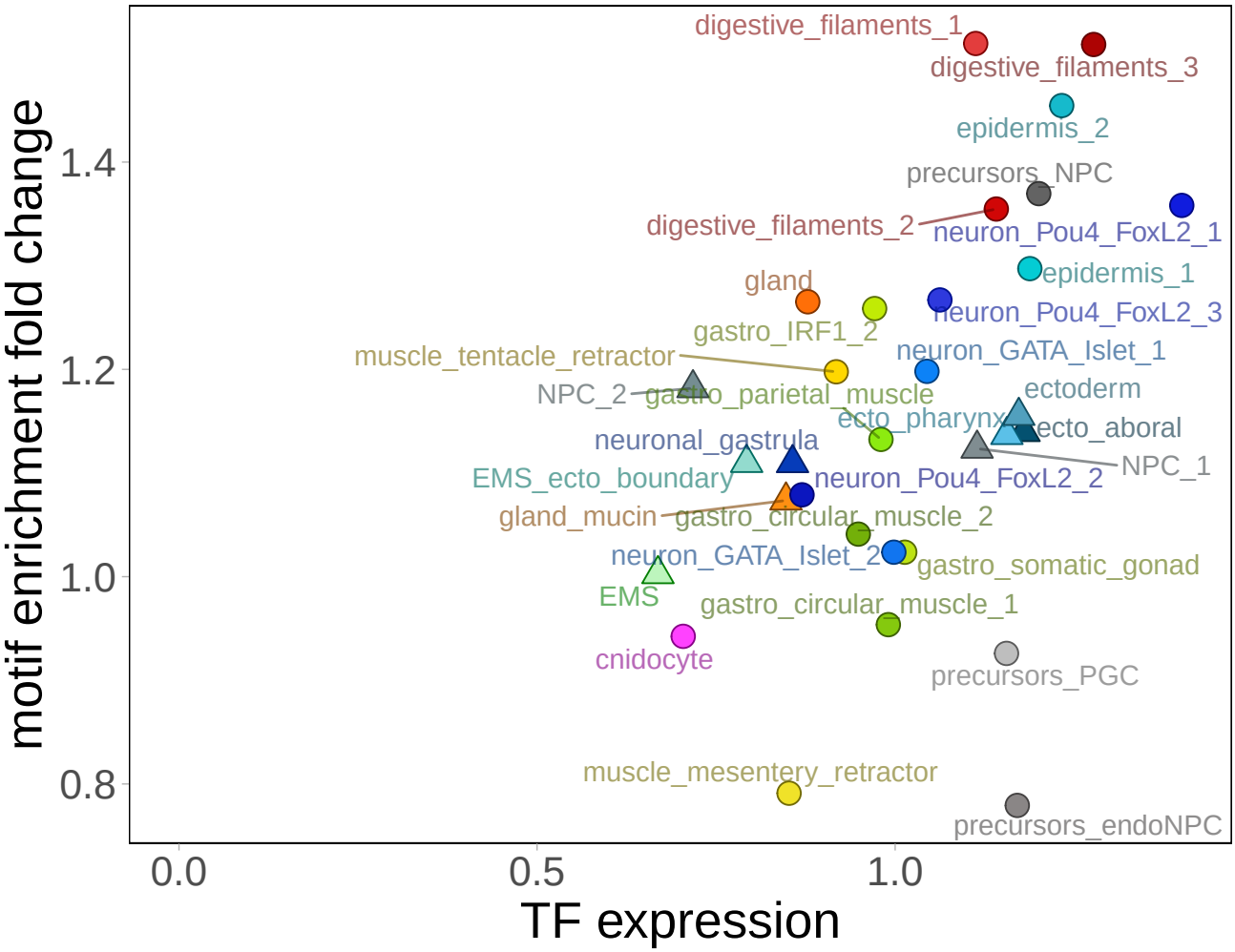


Nvec_vc1.1_XM_048721452.1
OG: HMGbox_Sox.HG1.62:like:NSD2
PFAM: WD40/WD40/Mcl1_mid/HMG_box
motif: ARCH919_CPO
TF family: HMGbox_Sox
archetype family:
CisBP assigned: FALSE
rank: 556
gene expression correlation: 0.4072
gene score correlation: 0.2677

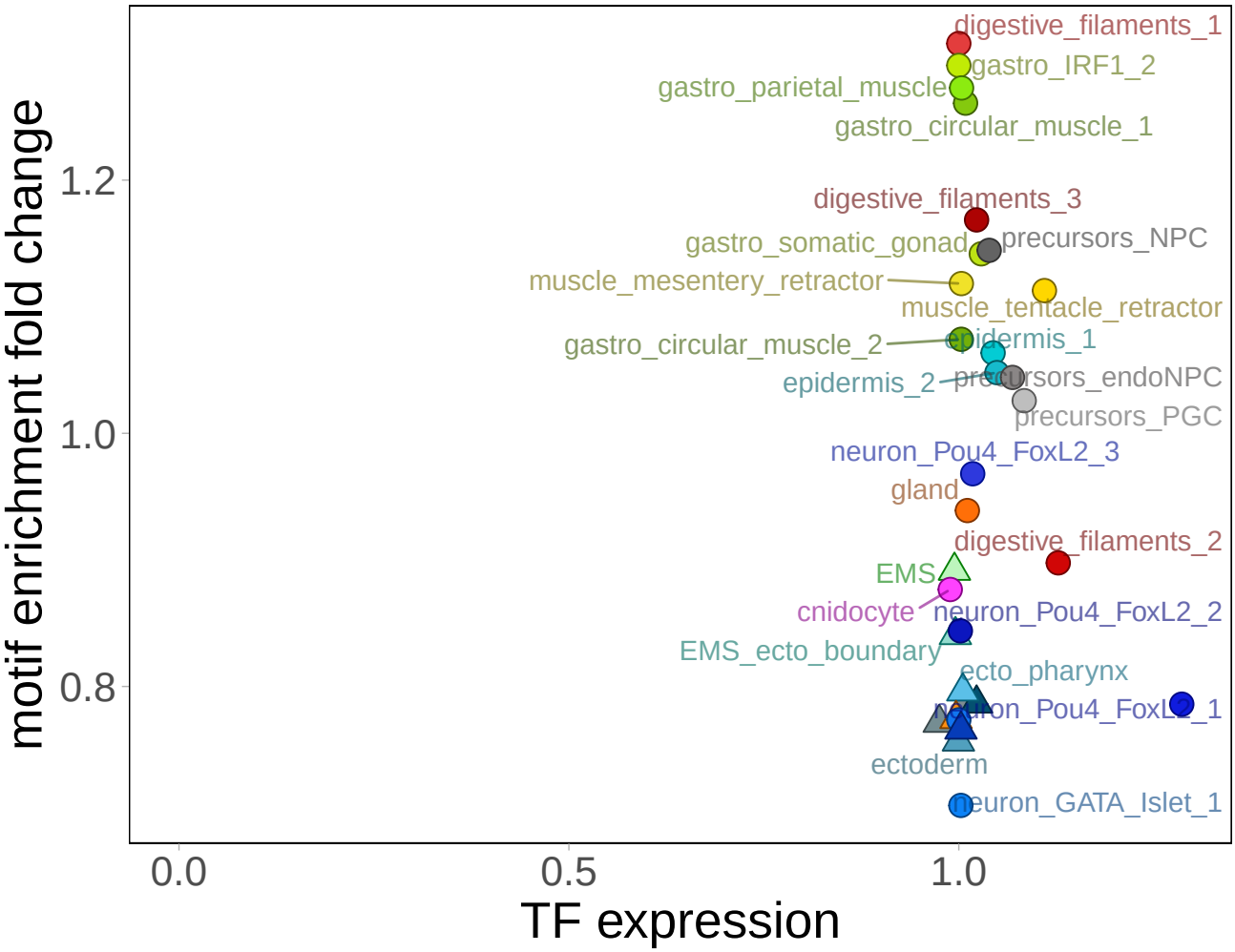


Nvec_vc1.1_XM_048721609.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSAI
PFAM: Myb_DNA−bind_4
motif: ARCH1063_NFIL3
TF family: Myb
archetype family:
CisBP assigned: FALSE
rank: 144
gene expression correlation: 0.4720
gene score correlation: 0.2018

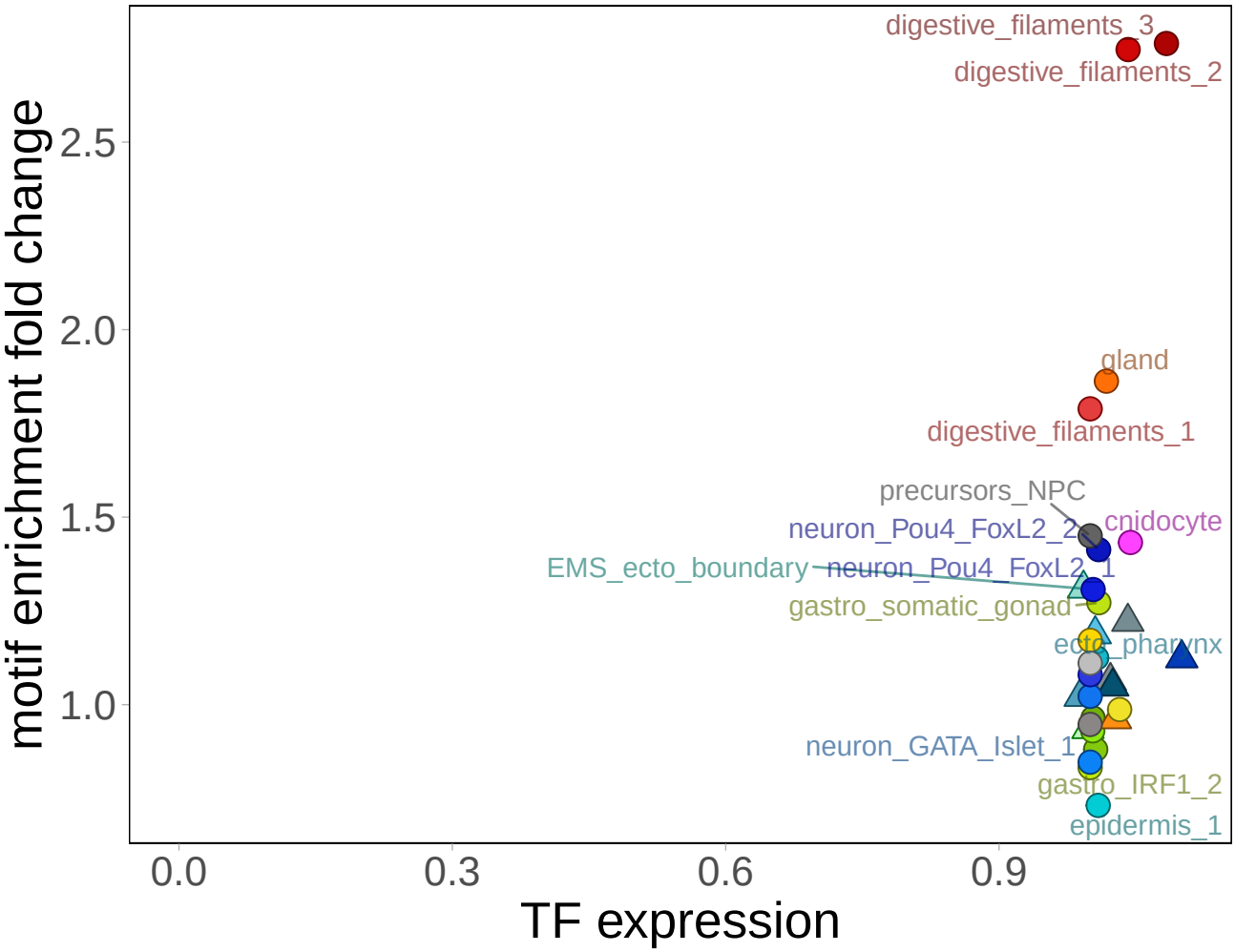




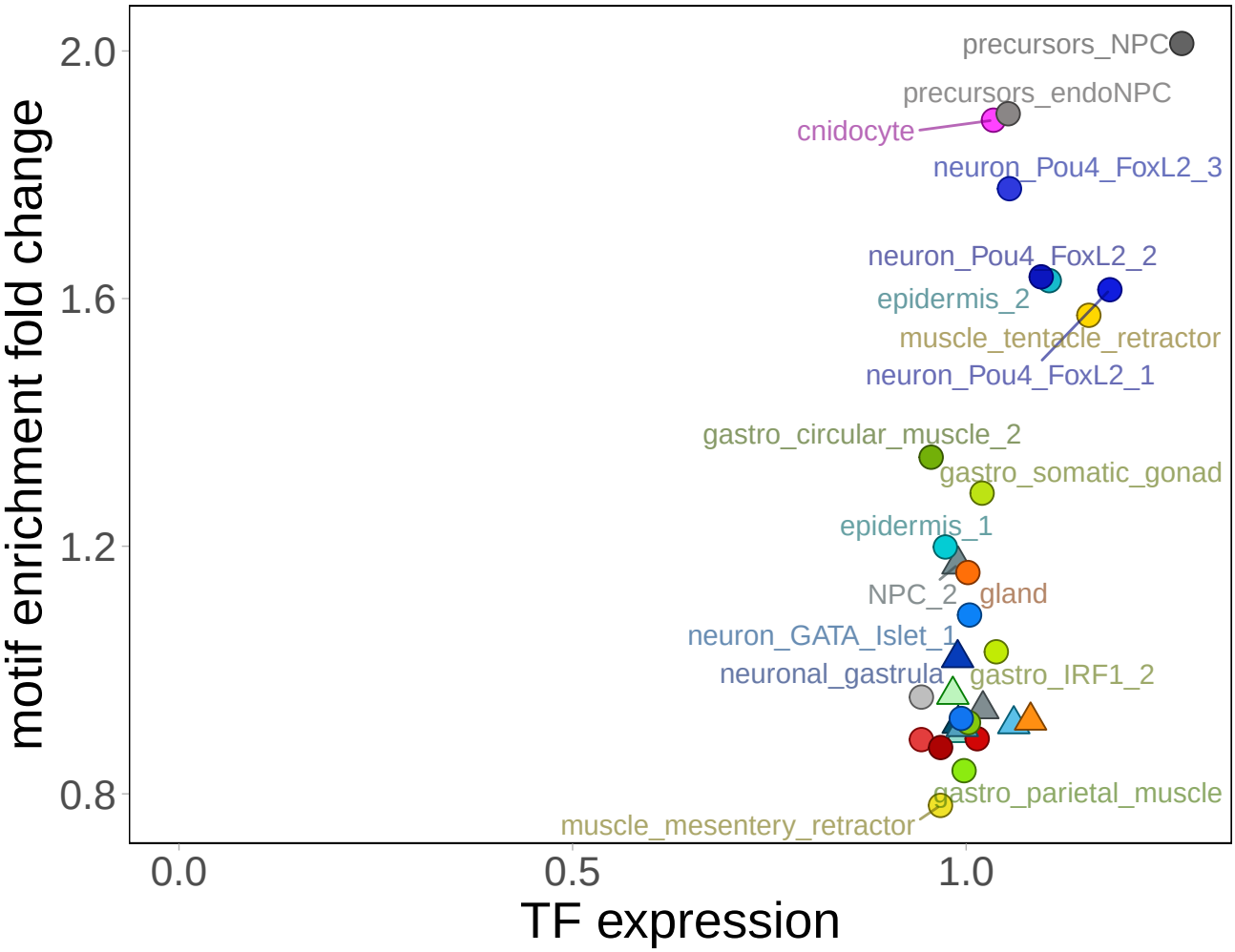
Nvec_vc1.1_XM_048721905.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH1494_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 452
gene expression correlation: −0.0230
gene score correlation: 0.0065



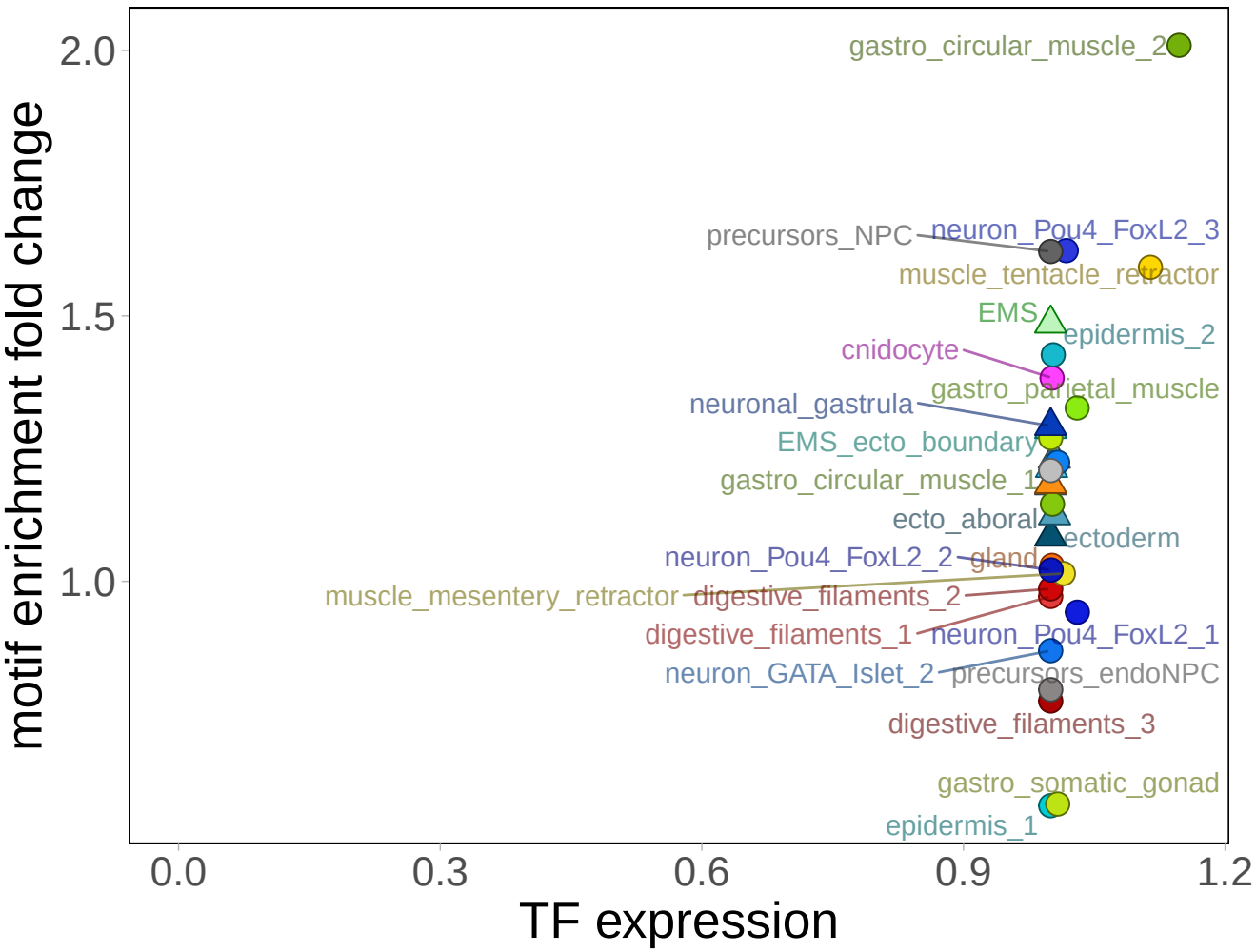
Nvec_vc1.1_XM_048721909.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH888_Foxo1
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 182
gene expression correlation: 0.4598
gene score correlation: 0.2119



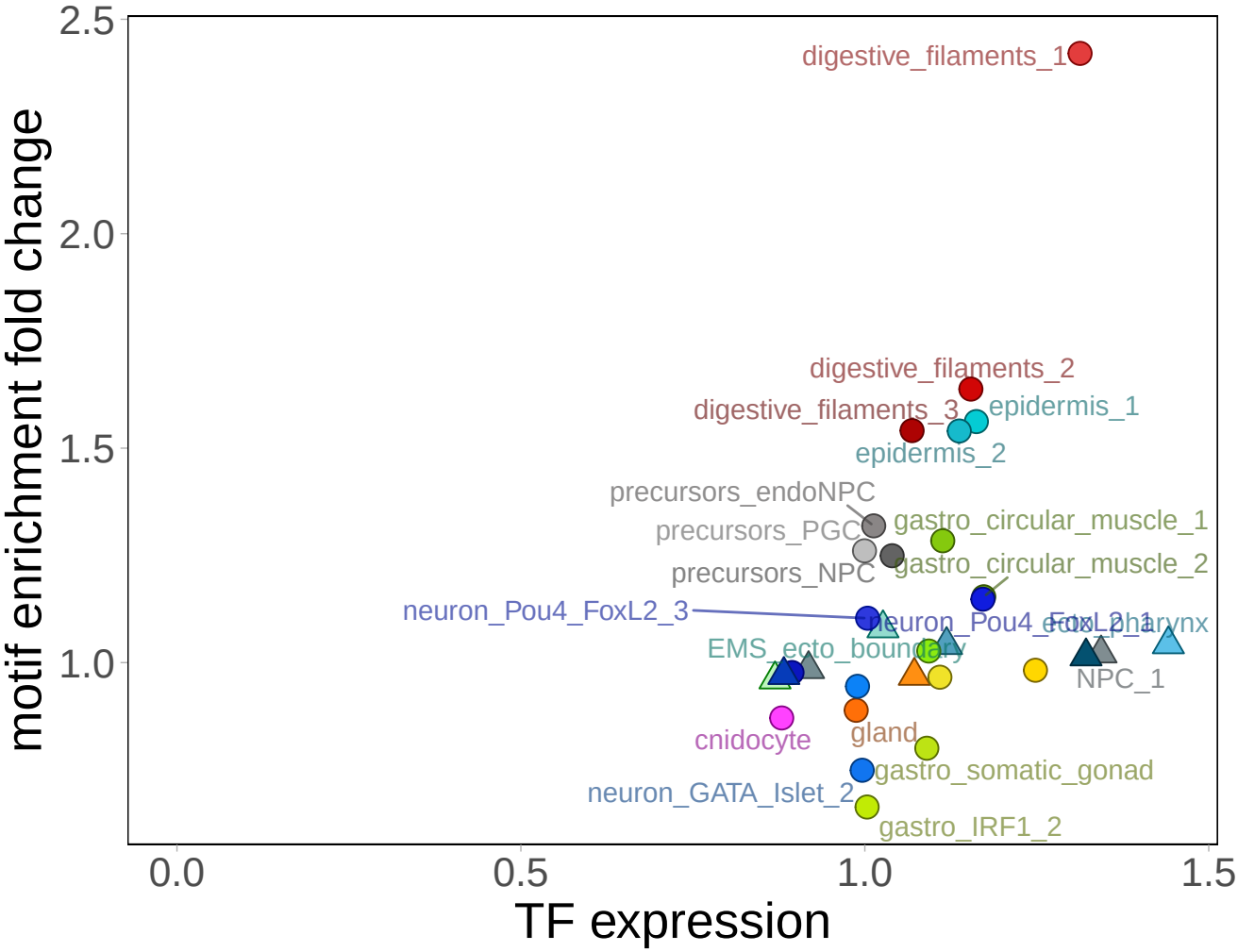
Nvec_vc1.1_XM_048722339.1
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARN
PFAM: HLH/PAS
motif: ARCH501_REI1
TF family: HLH
archetype family:
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.6842
gene score correlation: 0.6059



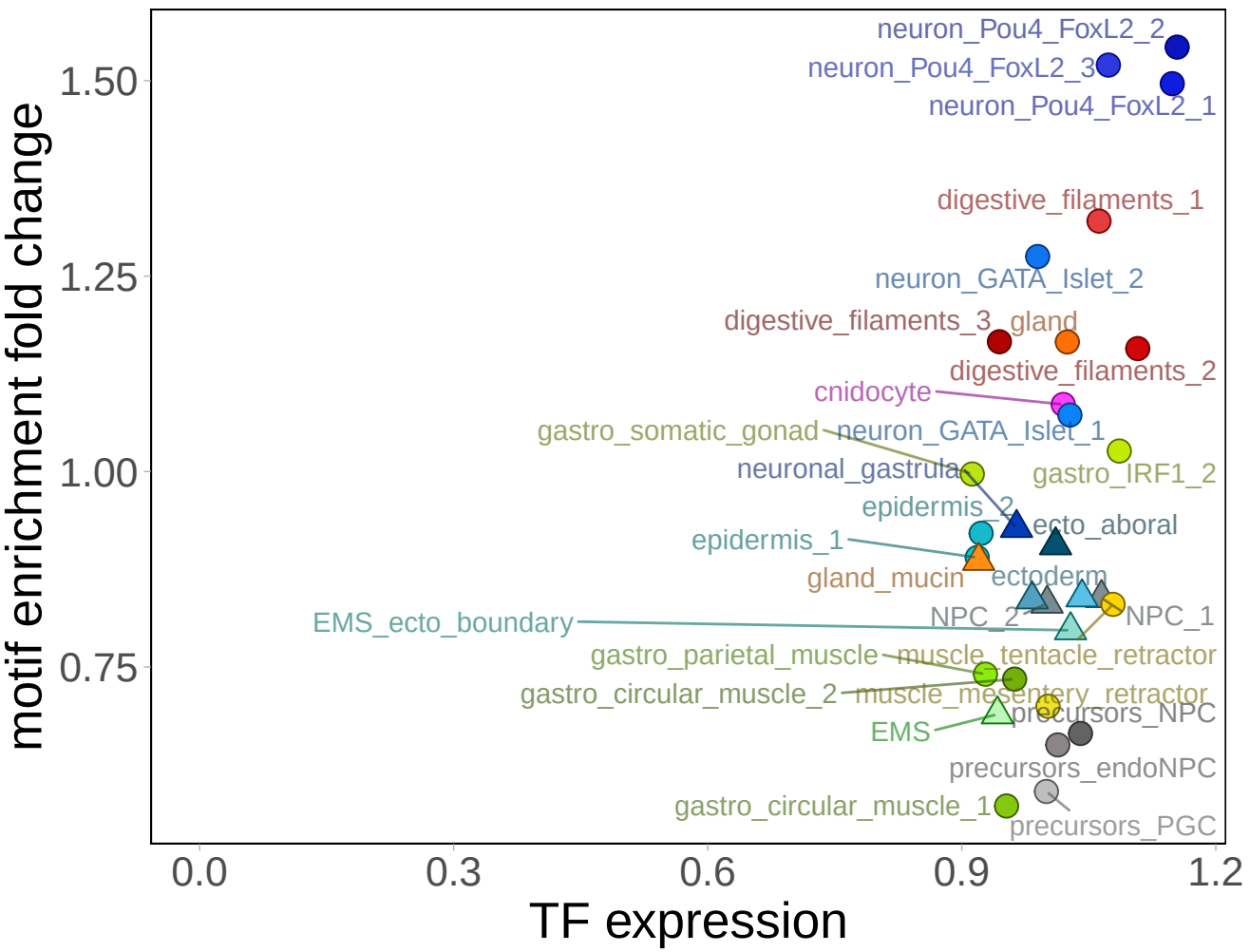
Nvec_vc1.1_XM_048722428.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP/E2F_CC−MB
motif: ARCH354_PUT3
TF family: E2F_TDP
archetype family:
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.5560
gene score correlation: 0.5126



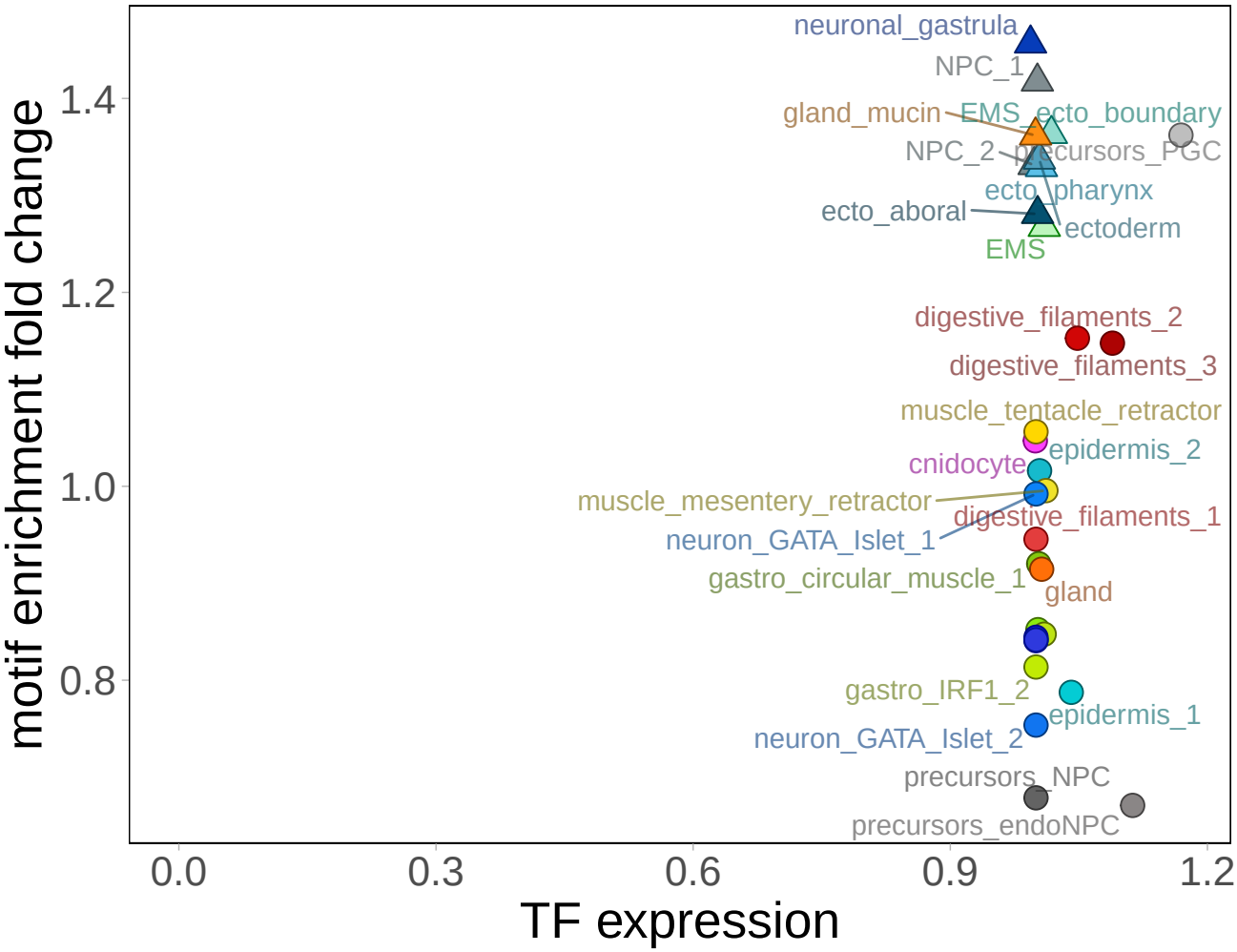
Nvec_vc1.1_XM_048722500.1
OG: TEA.HG1.0:TEAD1/TEAD2/TEAD3/TEAD
PFAM: TEA/YBD
motif: ARCH645_PF10_0214
TF family: TEA
archetype family:
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.3683
gene score correlation: 0.5908



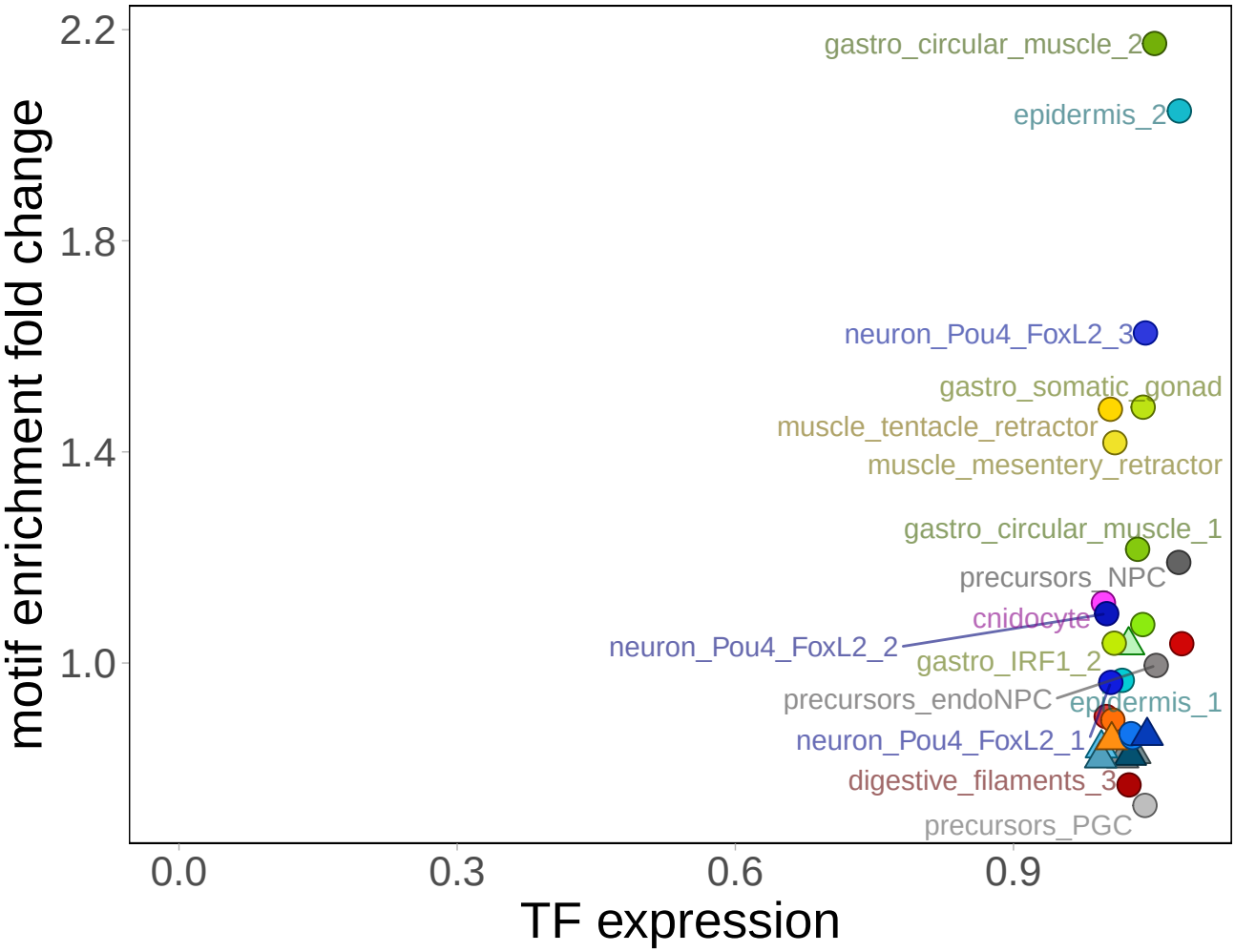
Nvec_vc1.1_XM_048722594.1
OG: ARID_BRIGHT.HG1.3:ARID2
PFAM: ARID/RFX_DNA_binding
motif: ARCH1088_Arid5b/Arid5a
TF family: ARID_BRIGHT
archetype family: ARID_BRIGHT
CisBP assigned: FALSE
rank: 272
gene expression correlation: 0.5356
gene score correlation: 0.0066



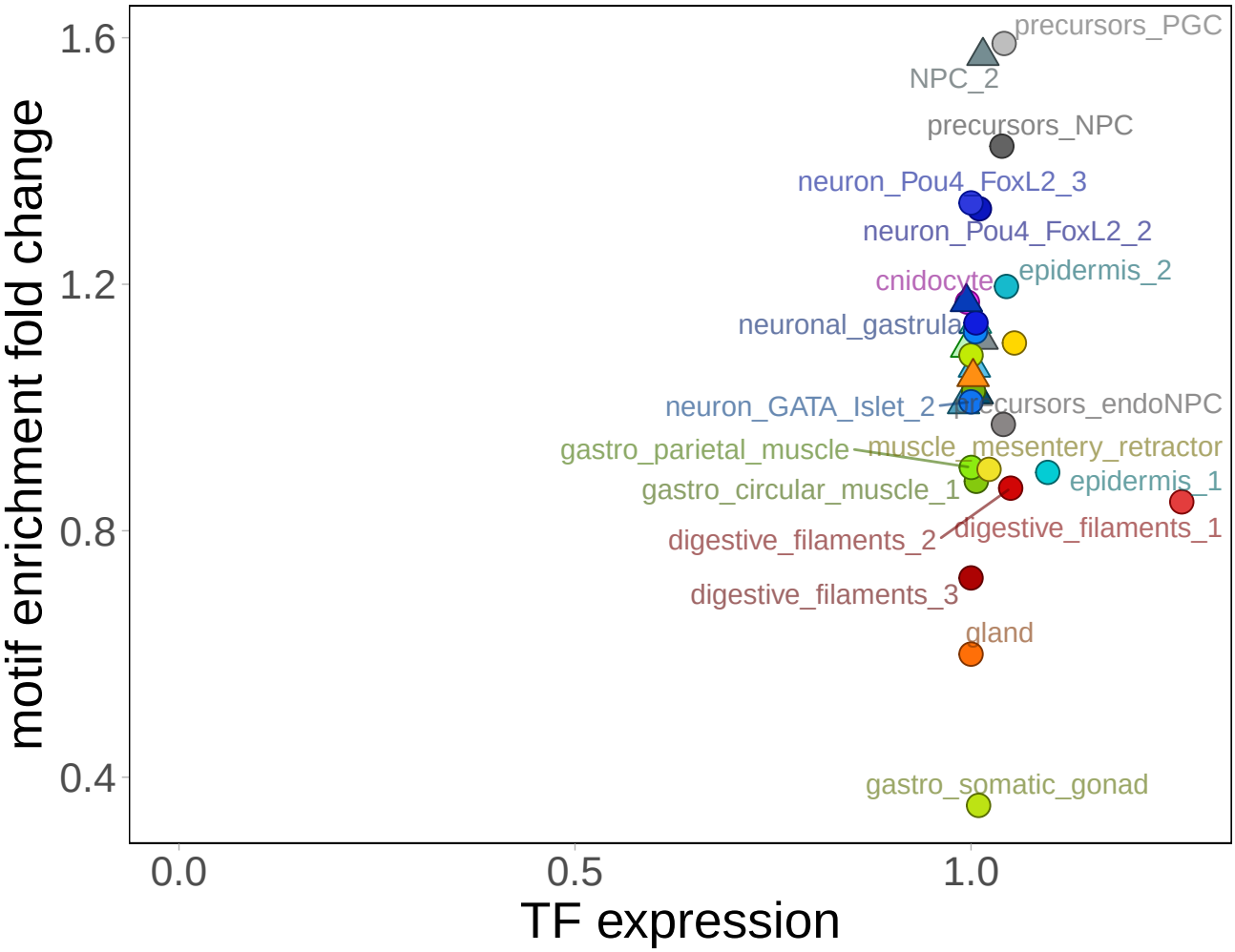
Nvec_vc1.1_XM_048722680.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH740_wc−1
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 1249
gene expression correlation: 0.0621
gene score correlation: 0.1483



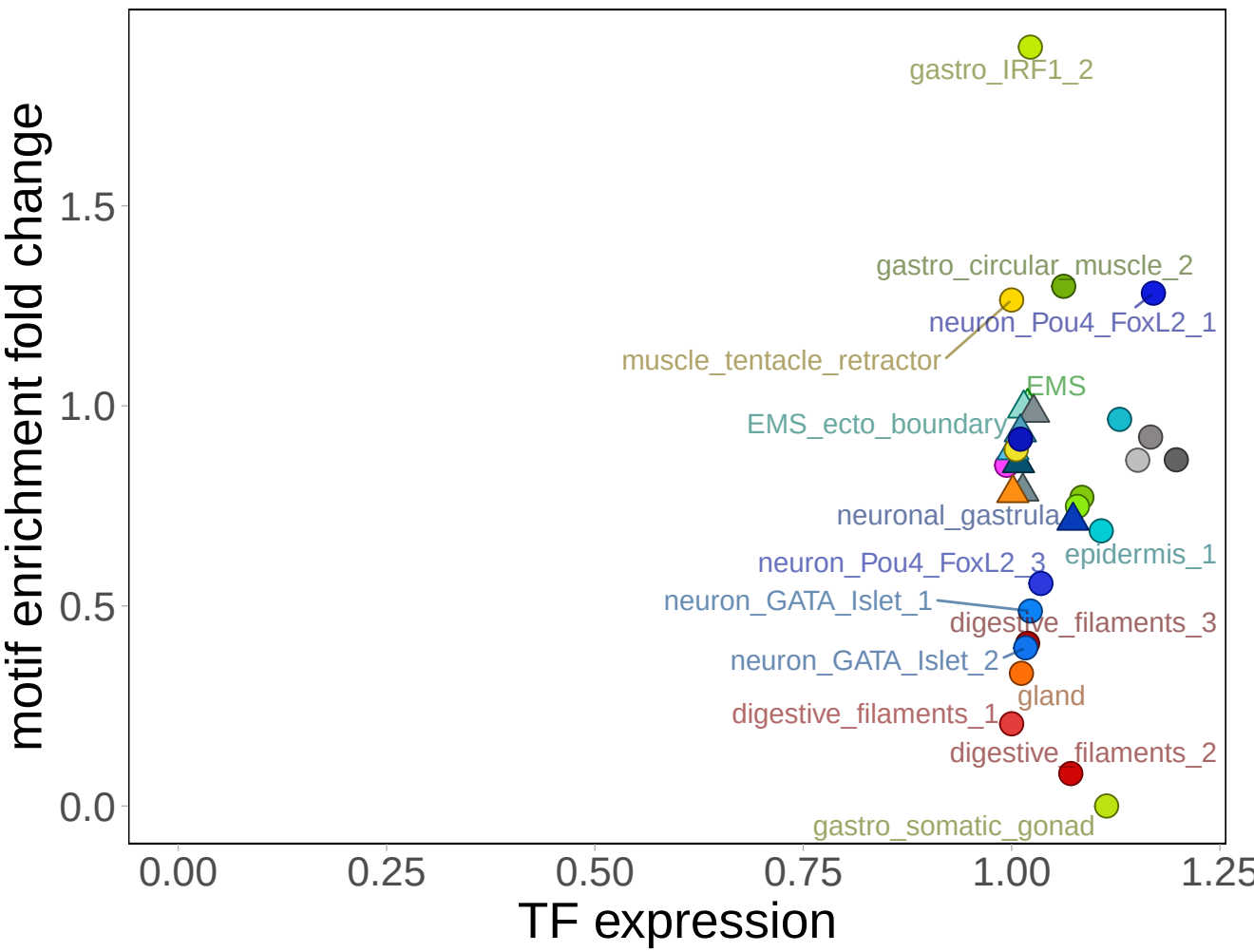
Nvec_vc1.1_XM_048722751.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH804_PB0207.1_Zic3_2
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 1370
gene expression correlation: 0.4095
gene score correlation: −0.0847



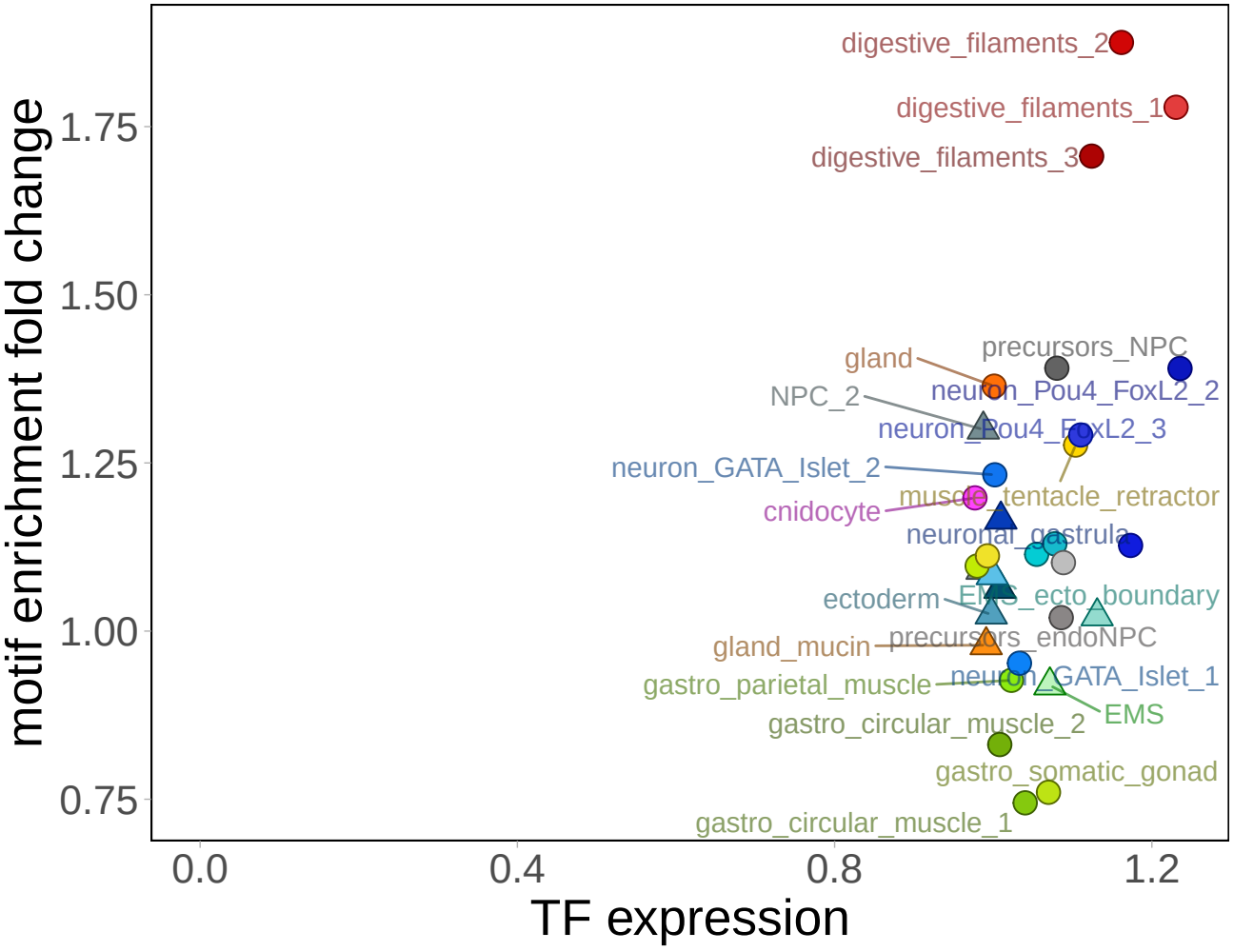
Nvec_vc1.1_XM_048722754.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2_11/zf−C2H2/zf−C2H
motif: ARCH828_Zfp1000//Zfp758/Zfp...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 167
gene expression correlation: −0.0974
gene score correlation: 0.2662



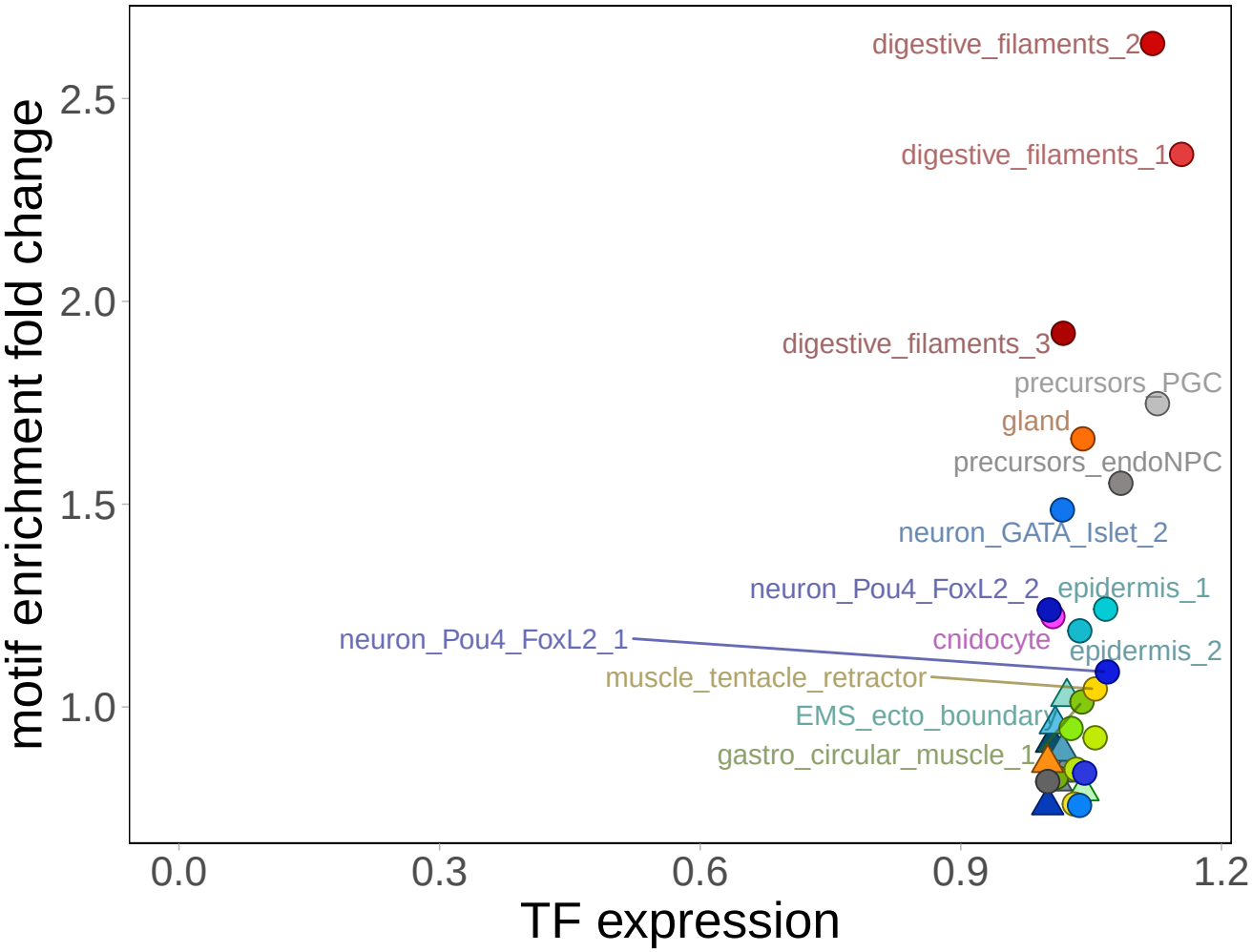
Nvec_vc1.1_XM_048722777.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH4_Klf1/Klf4/Klf2_Klf11_...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 461
gene expression correlation: 0.0348
gene score correlation: 0.0119



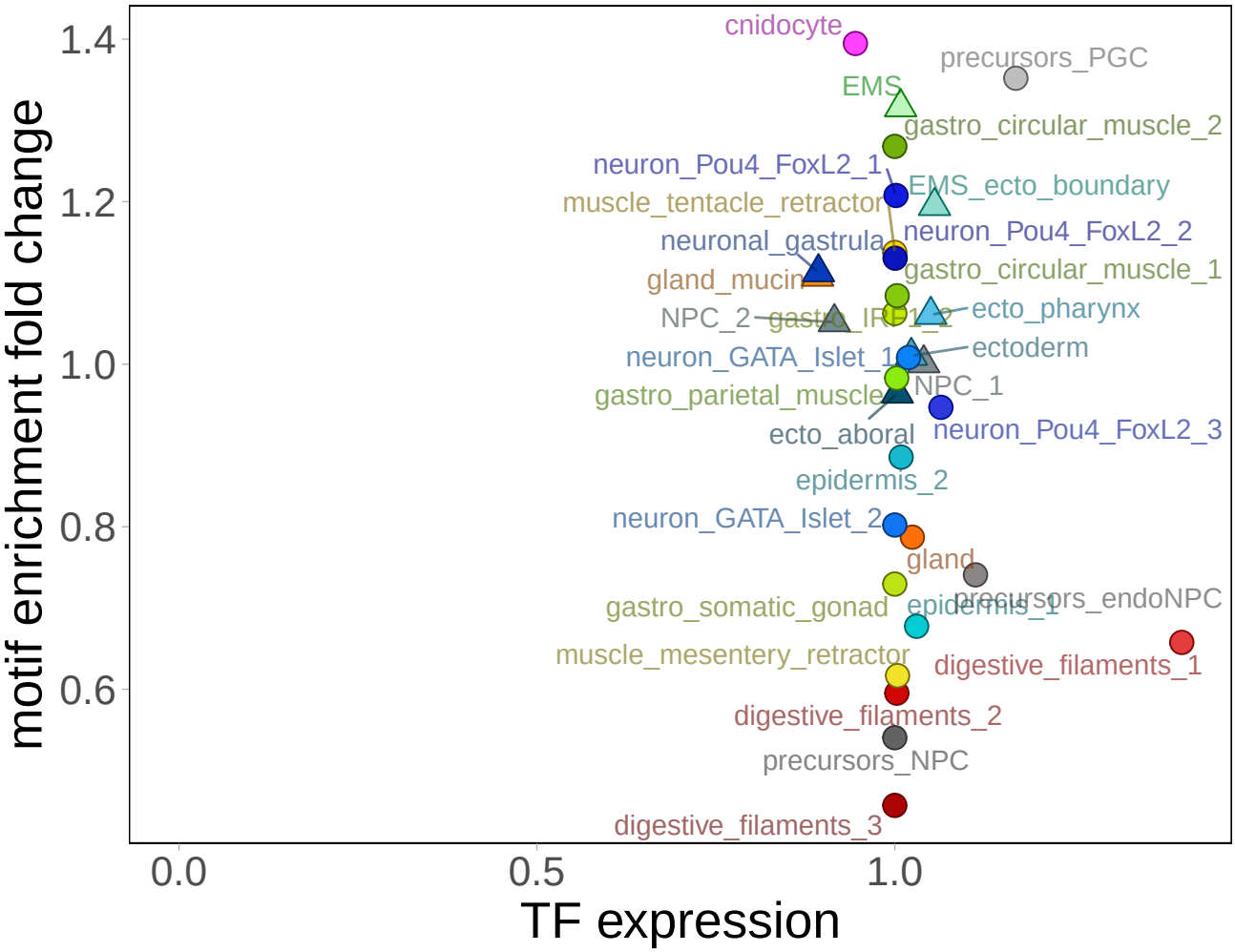
Nvec_vc1.1_XM_048722810.1
OG: Myb.HG1.5:like:DNAJC1/DNAJC2
PFAM: Myb_DNA−bind_4
motif: ARCH719_fkh
TF family: Myb
archetype family:
CisBP assigned: FALSE
rank: 1400
gene expression correlation: 0.5169
gene score correlation: 0.0700



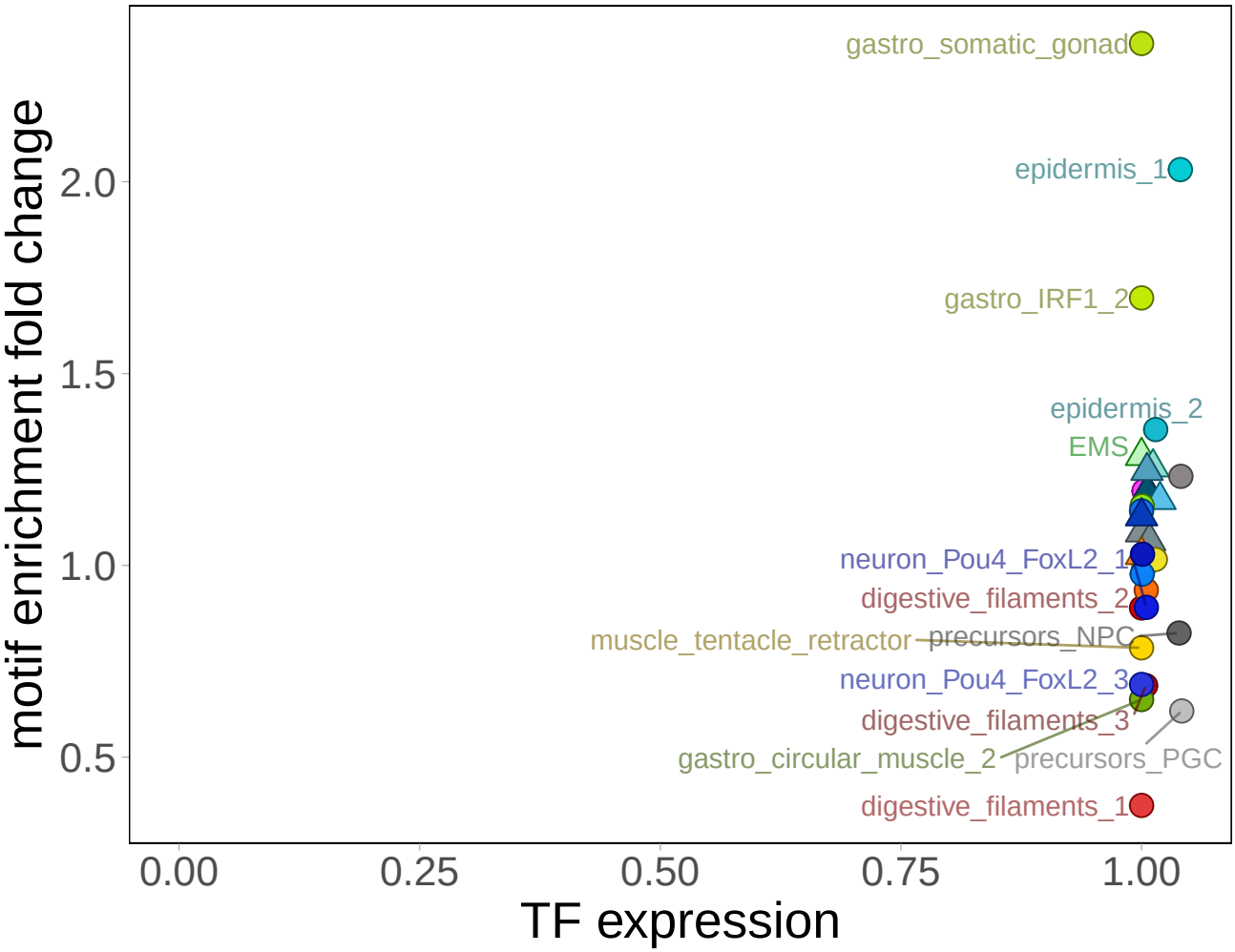
Nvec_vc1.1_XM_048723038.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2_11/zf−C2H
motif: ARCH1548_PH0085.1_Irx4
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 1018
gene expression correlation: 0.7098
gene score correlation: −0.0776



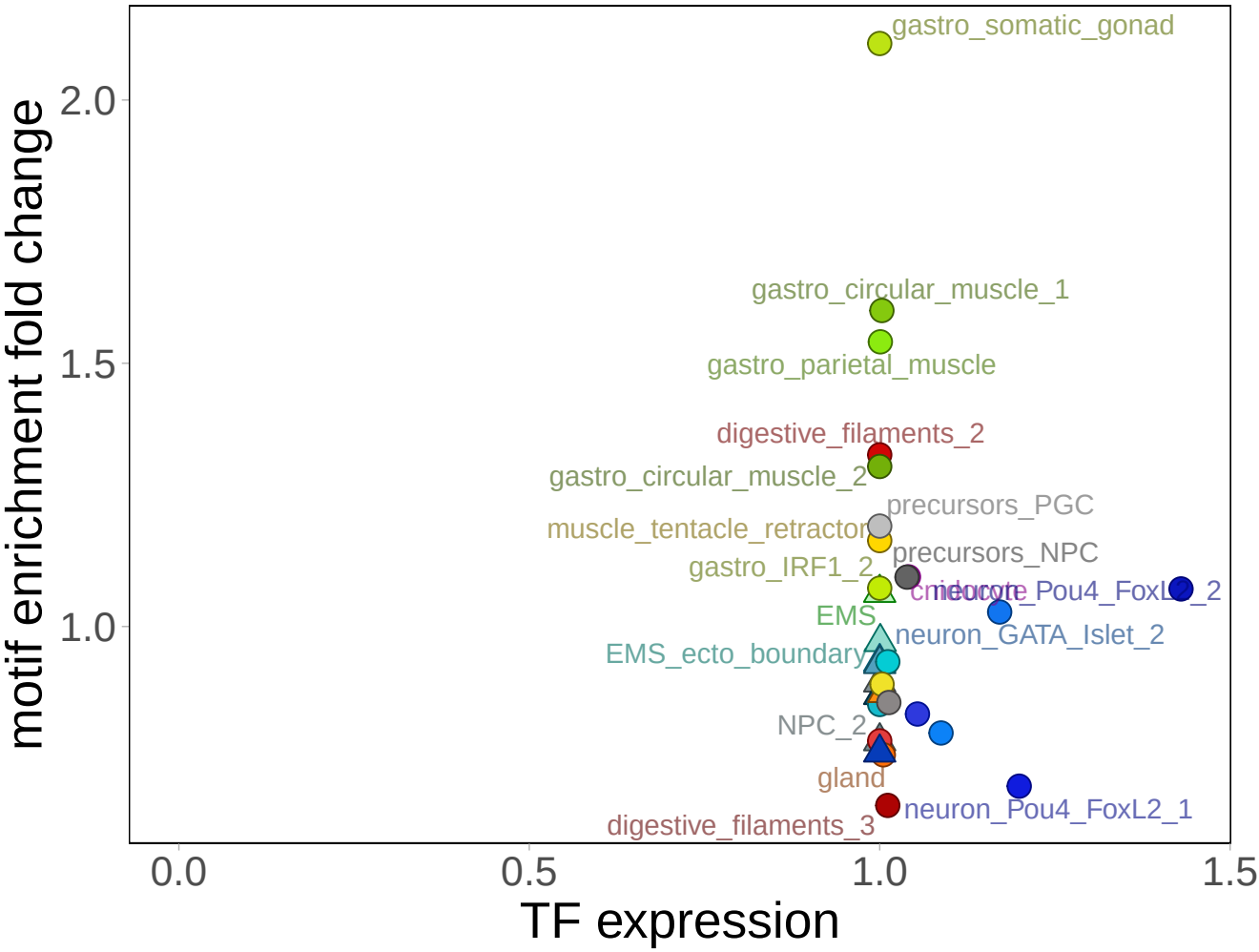
Nvec_vc1.1_XM_048723109.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2_11/zf−C2H2/zf−C2H2/zf−C2H
motif: ARCH529_Rslcan18/Gm28557/Zf...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 935
gene expression correlation: −0.2082
gene score correlation: −0.3592



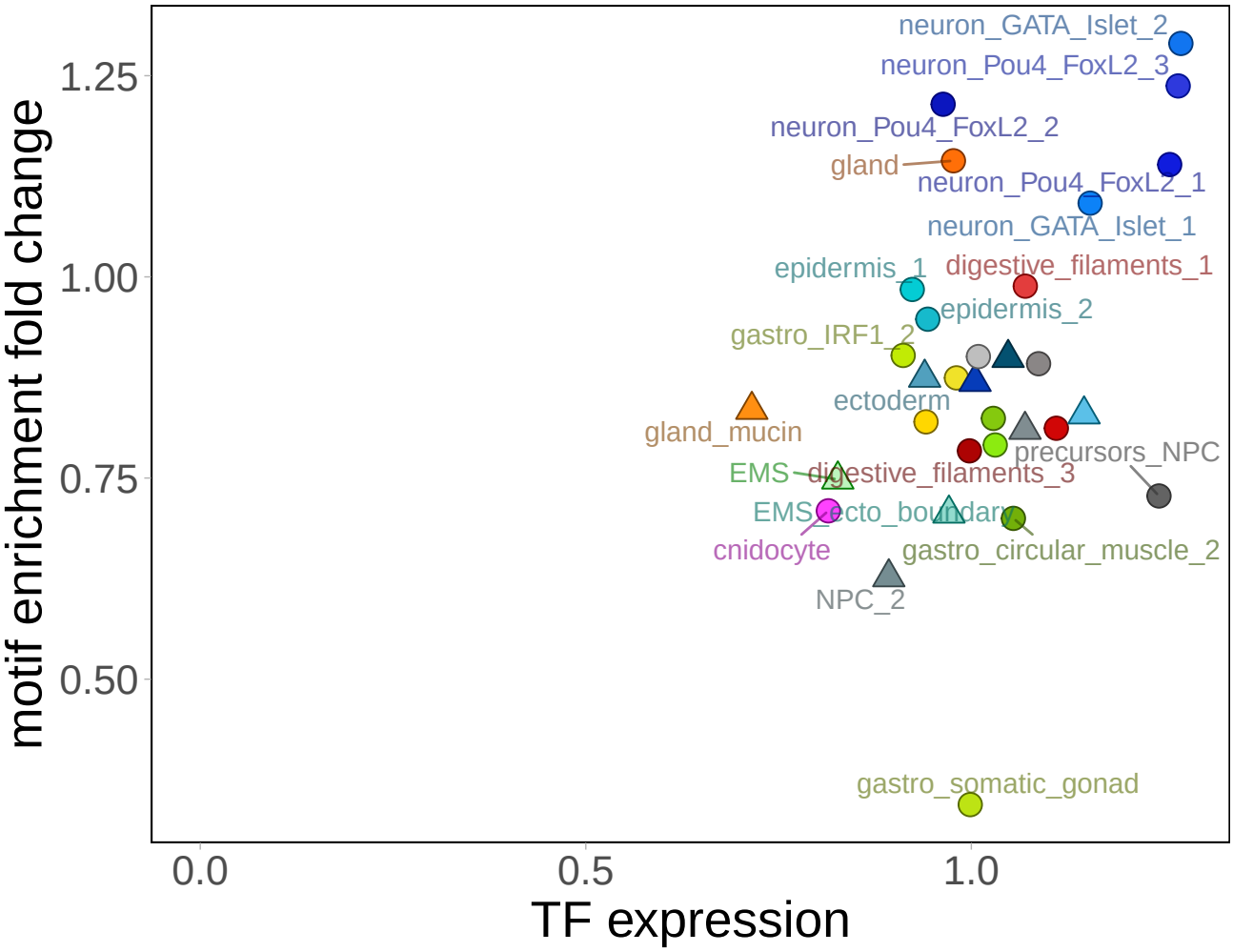
Nvec_vc1.1_XM_048723111.1
OG: zf−C2H2.HG10.1:ZFP3/ZNF319/ZNF449/
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2/z
motif: ARCH440_POL008.1_DCE_S_I
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 59
gene expression correlation: 0.1019
gene score correlation: −0.0529



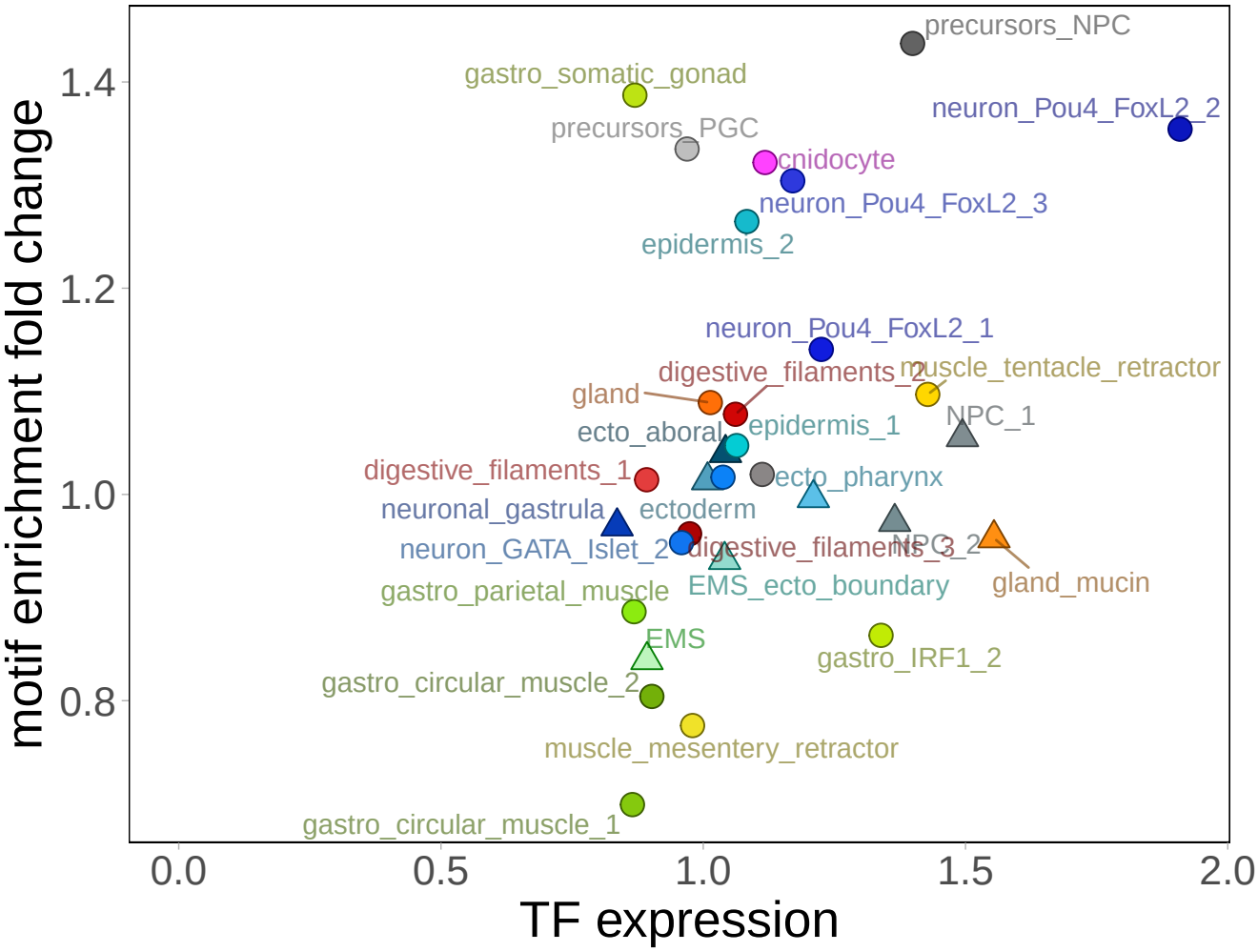
Nvec_vc1.1_XM_048723292.1
OG: zf−C4_Nuclear_receptors.HG1.34:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH1714_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 1391
gene expression correlation: −0.0951
gene score correlation: −0.1620



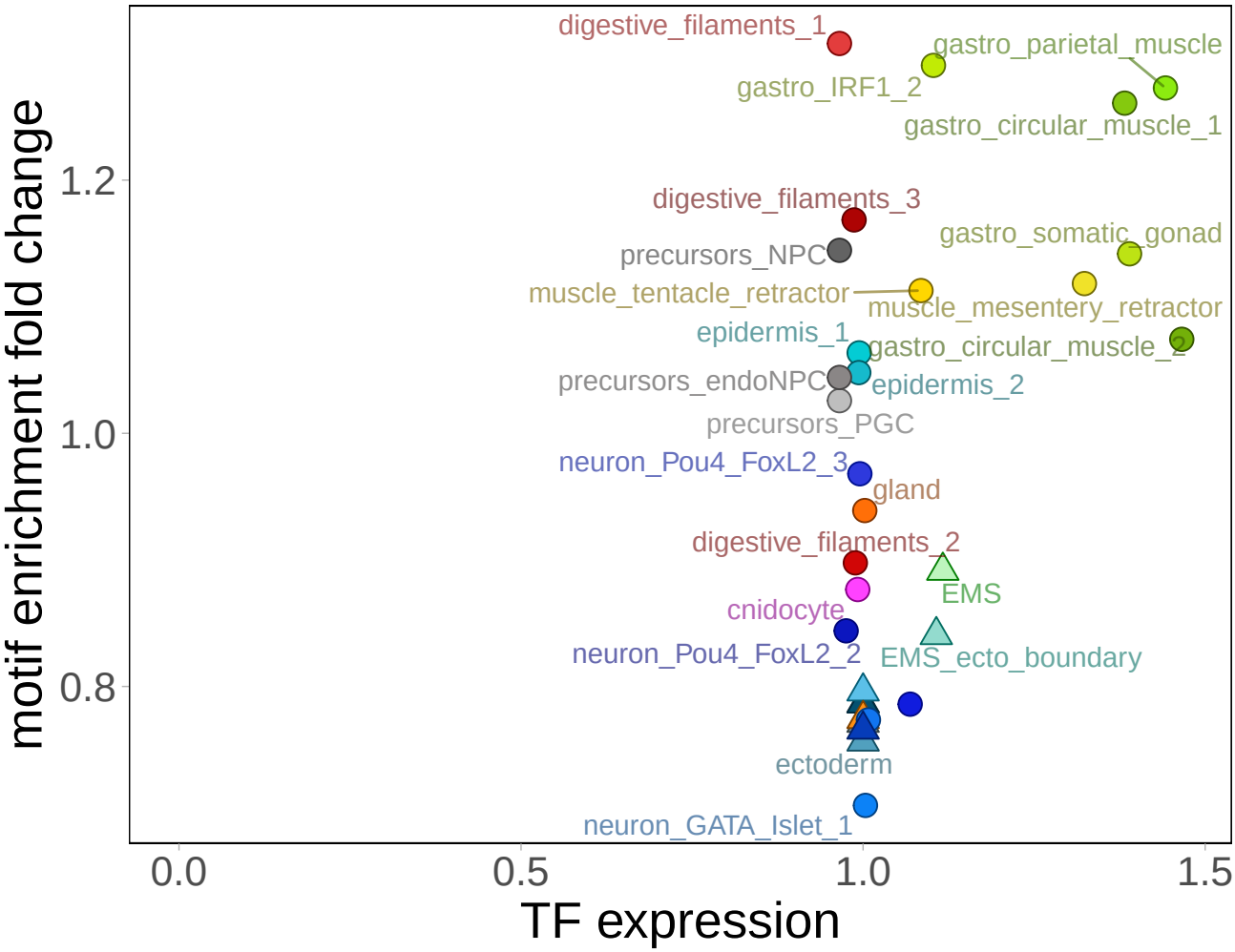
Nvec_vc1.1_XM_048723770.1
OG: HMGbox_Sox.HG1.49:SMARCE1
PFAM: HMG_box
motif: ARCH1092_KANADI1
TF family: HMGbox_Sox
archetype family:
CisBP assigned: FALSE
rank: 73
gene expression correlation: 0.4102
gene score correlation: 0.4349



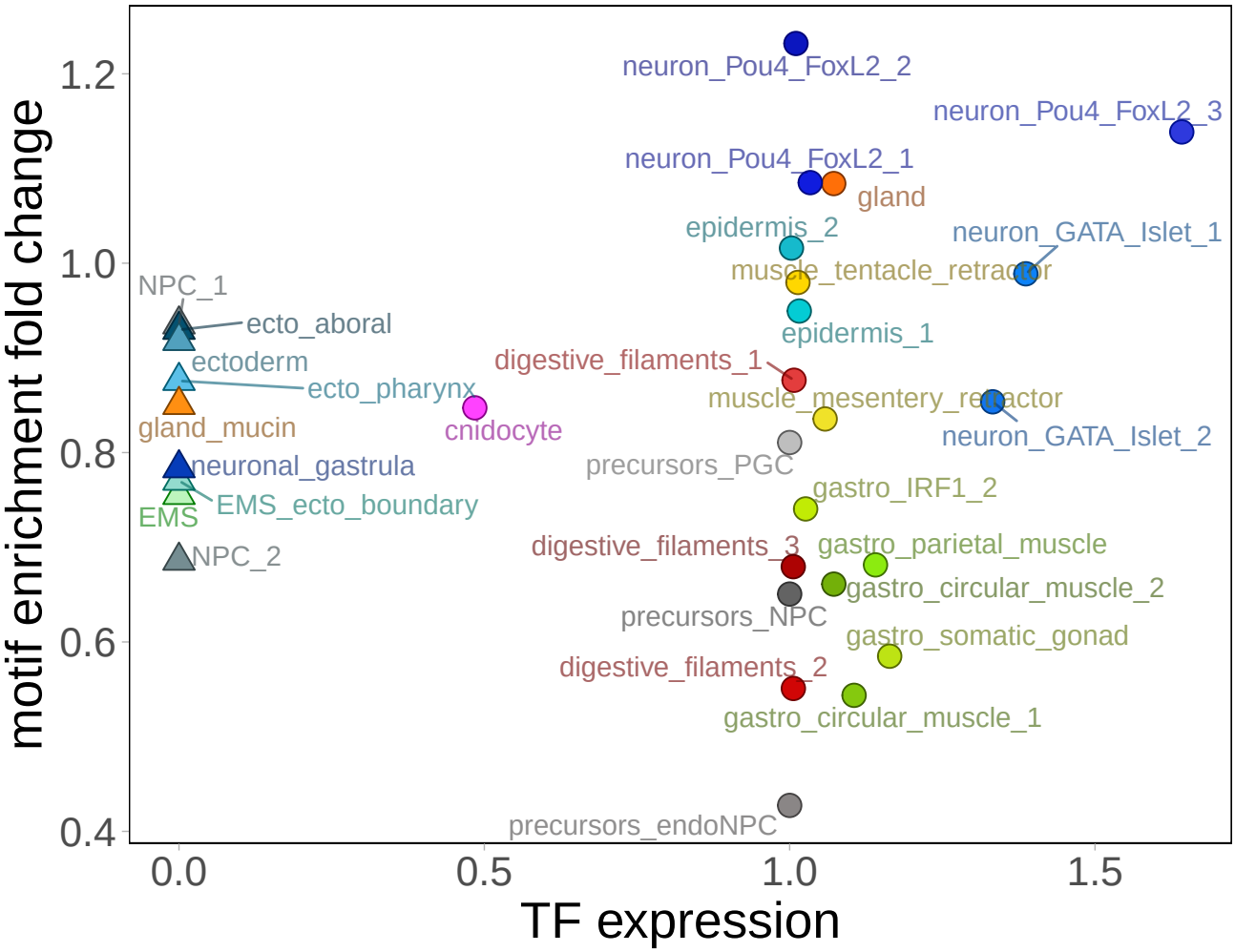
Nvec_vc1.1_XM_048723945.1
OG: Forkhead.HG1.16:FOXN2/FOXN3
PFAM: Forkhead
motif: ARCH1102_Foxa3/Foxa1/Foxa2_...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 10
gene expression correlation: 0.3520
gene score correlation: 0.5547



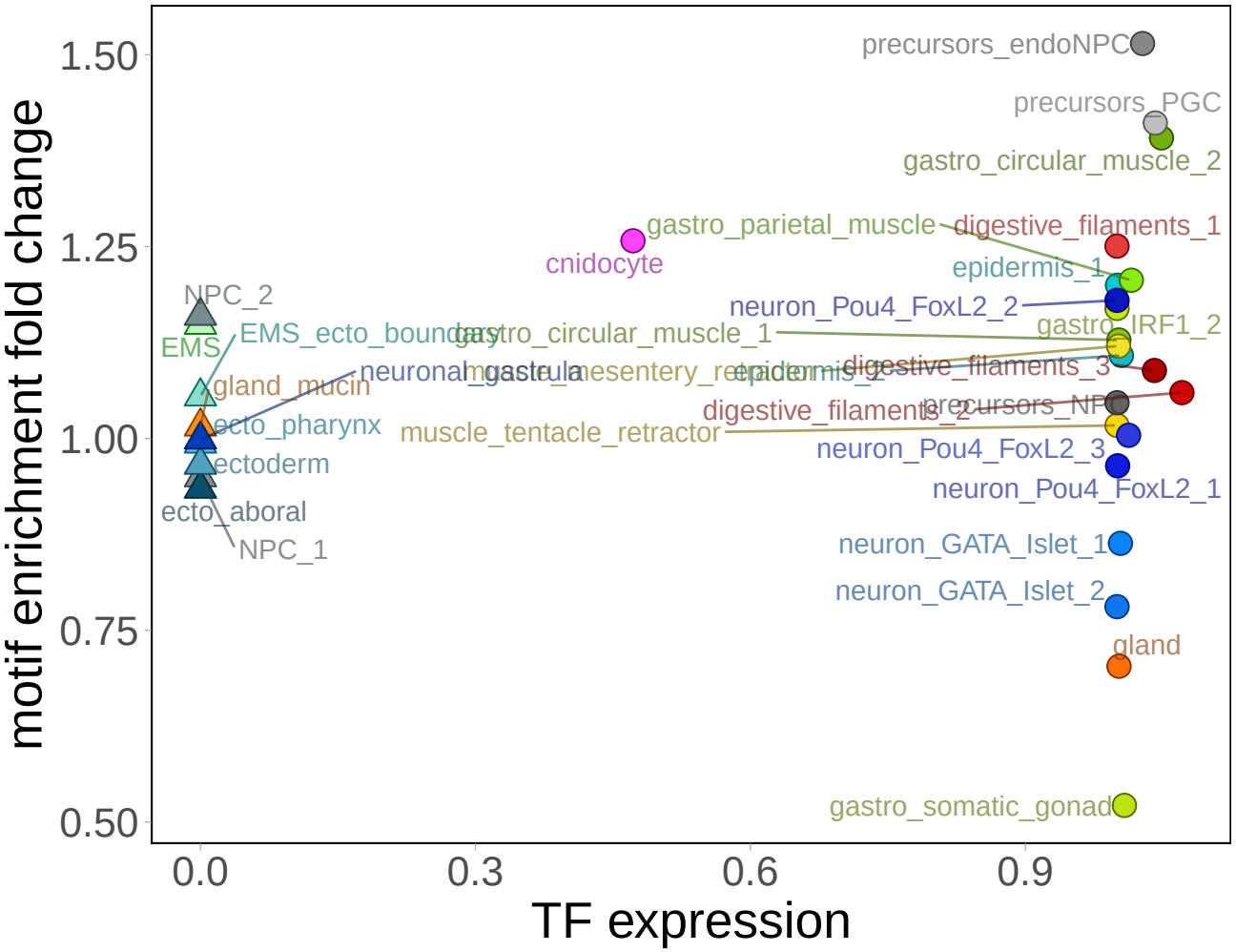
Nvec_vc1.1_XM_048724012.1
OG: zf−C2H2.HG4.10:GLI1/GLI2/GLI3
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH1494_Nr2c1/Nr2c2_Nr2f1/...
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 189
gene expression correlation: 0.4679
gene score correlation: 0.4564



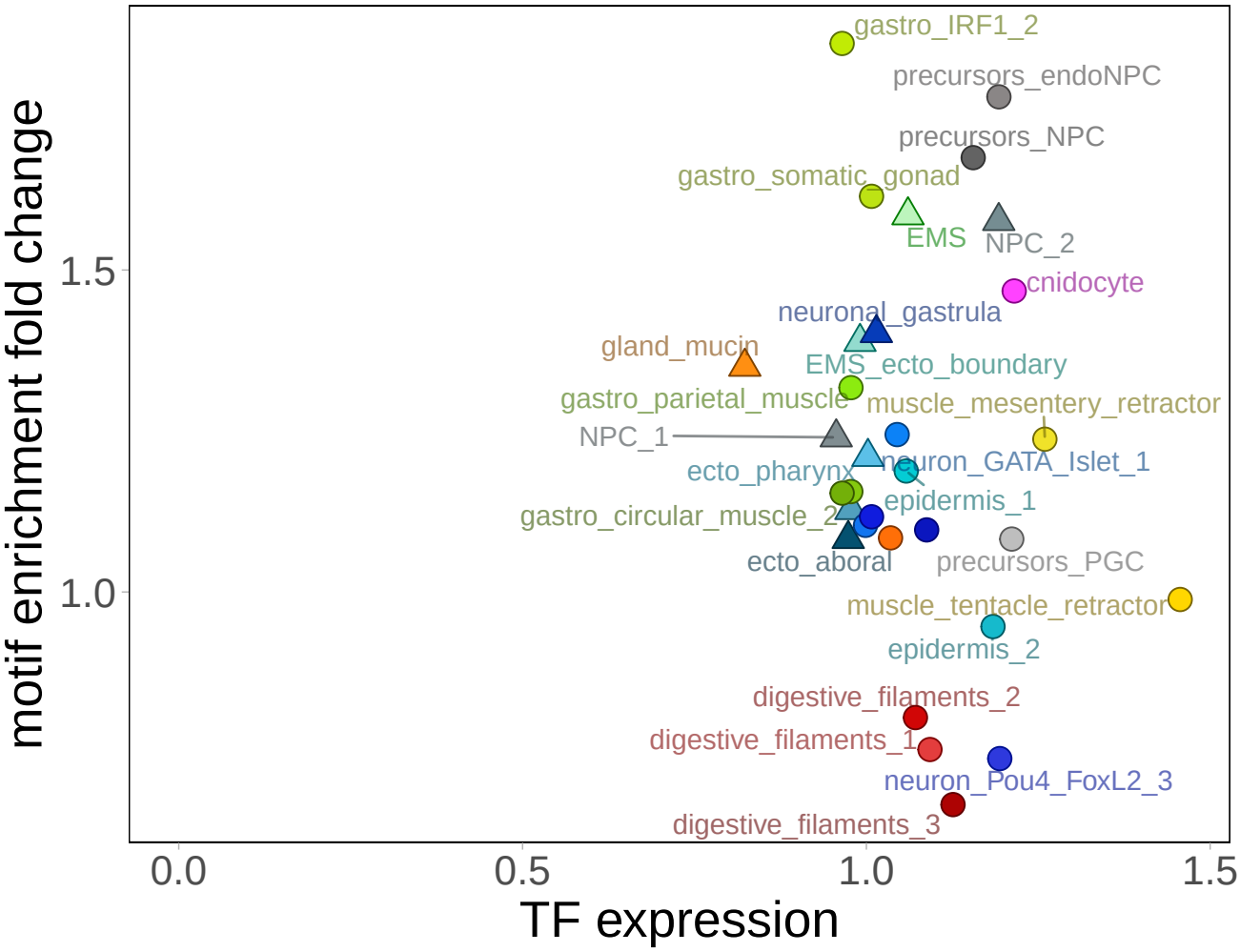
Nvec_vc1.1_XM_048724319.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead
motif: ARCH1095_Foxa3/Foxa1/Foxa2_...
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: TRUE
rank: 534
gene expression correlation: 0.0513
gene score correlation: −0.0692



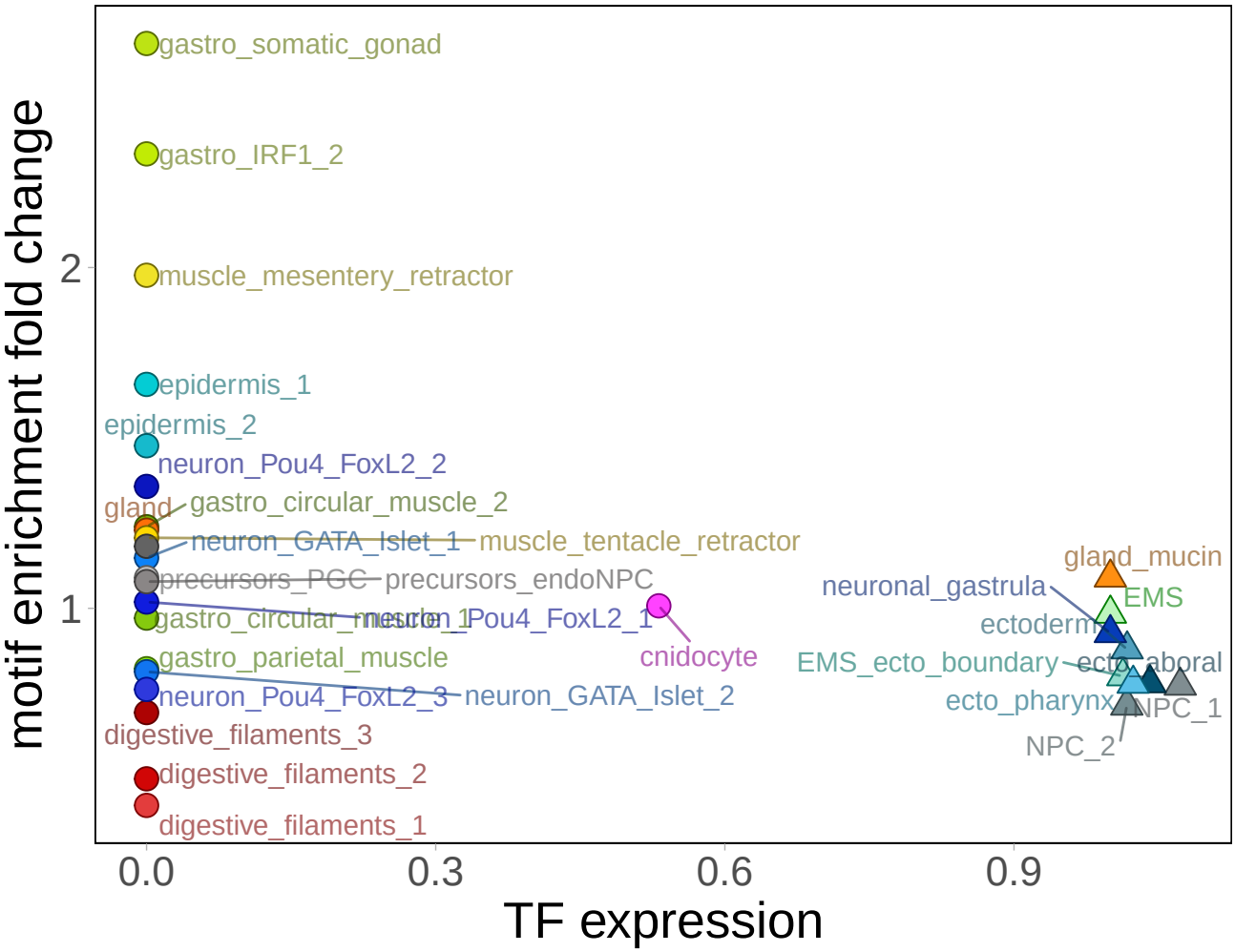
Nvec_vc1.1_XM_048724372.1
OG: HLH.HG1.79:MESP1/MESP2/MSGN1
PFAM: HLH
motif: ARCH779_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 22
gene expression correlation: 0.1284
gene score correlation: 0.2639



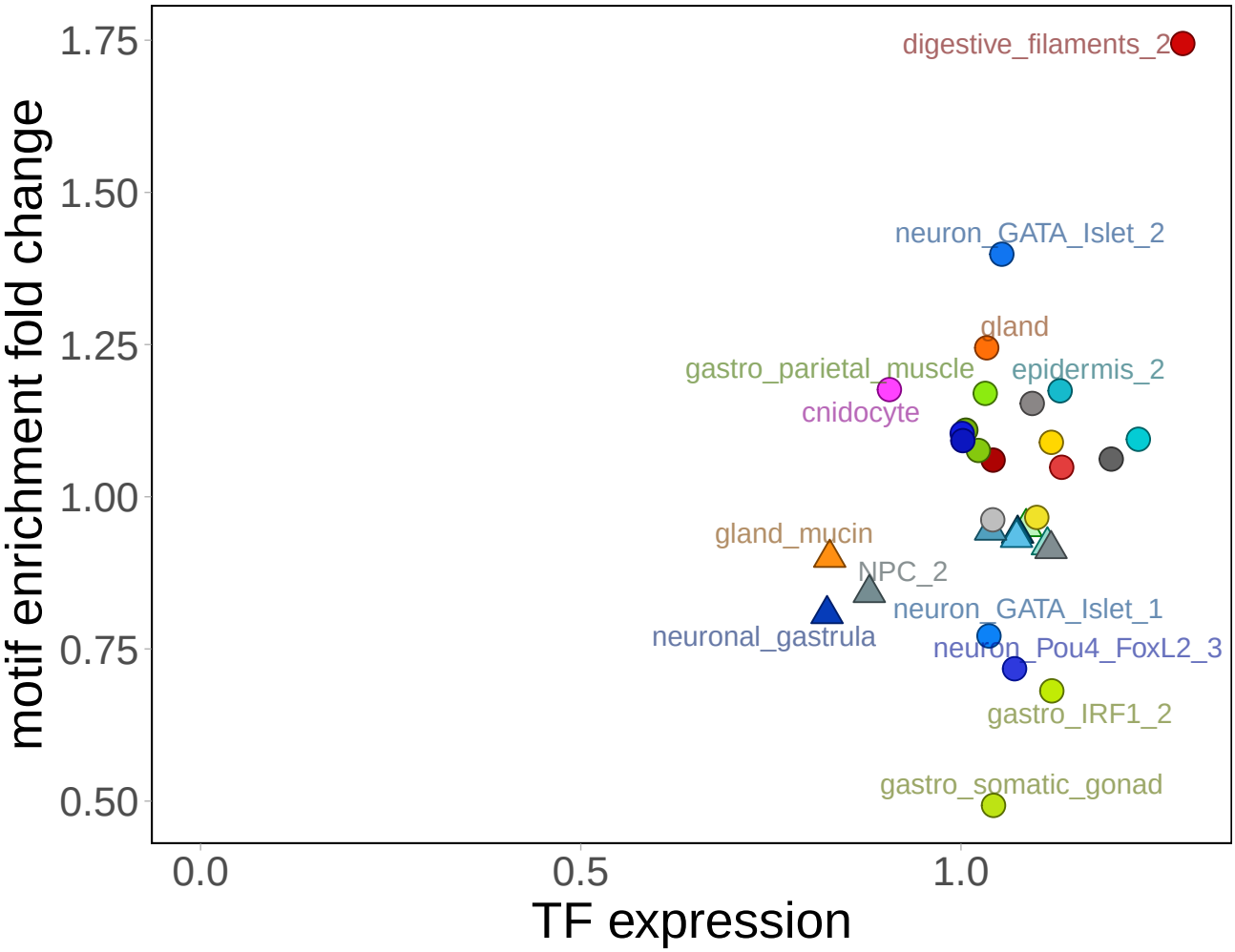
Nvec_vc1.1_XM_048724387.1
OG: HLH.HG1.21:MLX
PFAM: HLH
motif: ARCH793_Mlx_Srebf2/Srebf1_Usf3
TF family: HLH
archetype family: HLH
CisBP assigned: TRUE
rank: 838
gene expression correlation: −0.1479
gene score correlation: −0.0587



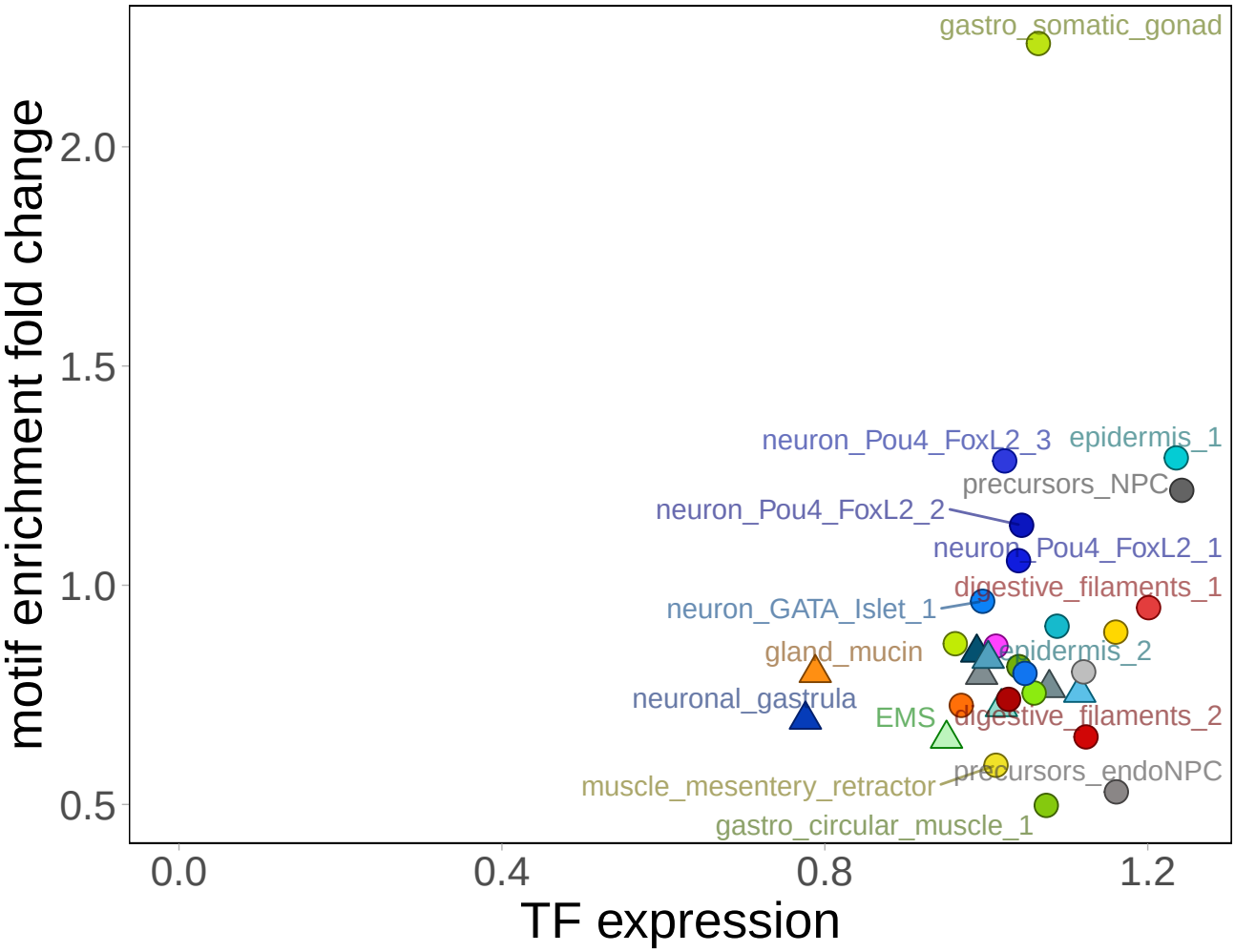
Nvec_vc1.1_XM_048724756.1
OG: Homeodomains.HG1.23:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH871_M02426_2.00
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 80
gene expression correlation: −0.3422
gene score correlation: −0.3311



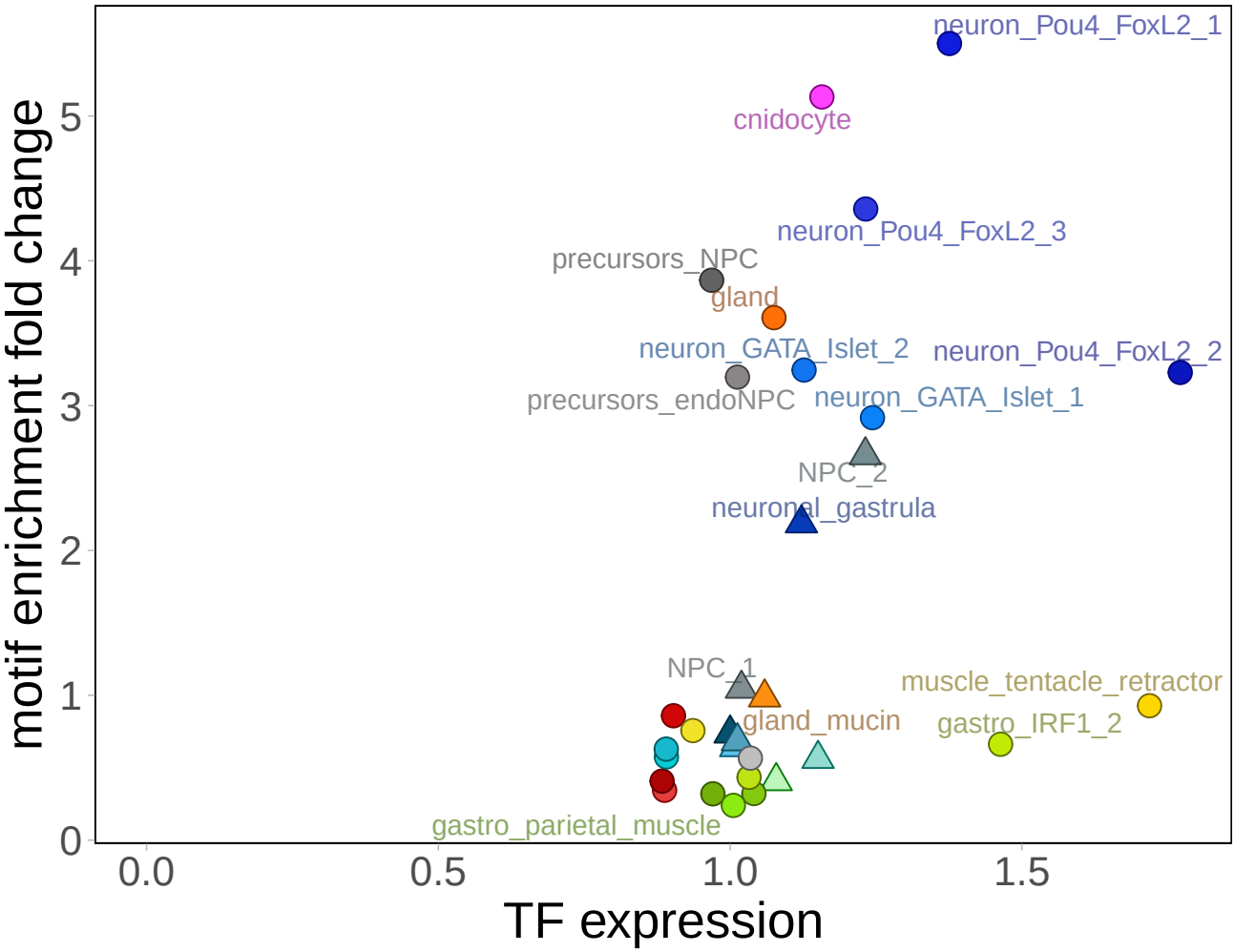
Nvec_vc1.1_XM_048725593.1
OG: Myb.HG1.3:MYB/MYBL1/MYBL2
PFAM: Myb_DNA−binding/Myb_DNA−bind_6/C
motif: ARCH1526_Mybl2/Myb/Mybl1
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 607
gene expression correlation: 0.3498
gene score correlation: 0.1773



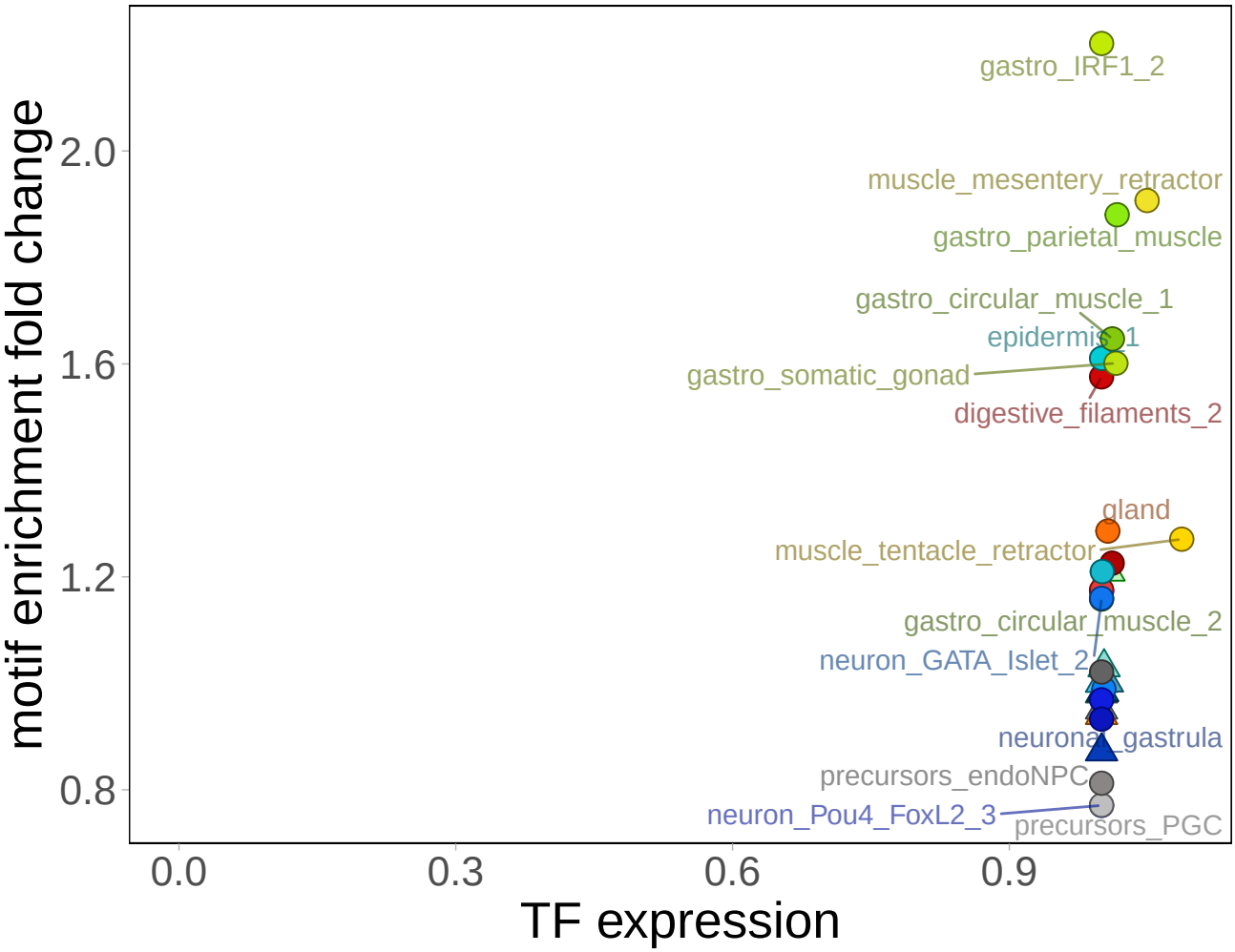
Nvec_vc1.1_XM_048725617.1
OG: HMGbox_Sox.HG1.57:like:HMG20A/HMG
PFAM: HMG_box/zf−met
motif: ARCH21_Mael_Tox3/Tox/Tox2/Tox4
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 620
gene expression correlation: 0.2131
gene score correlation: 0.0662



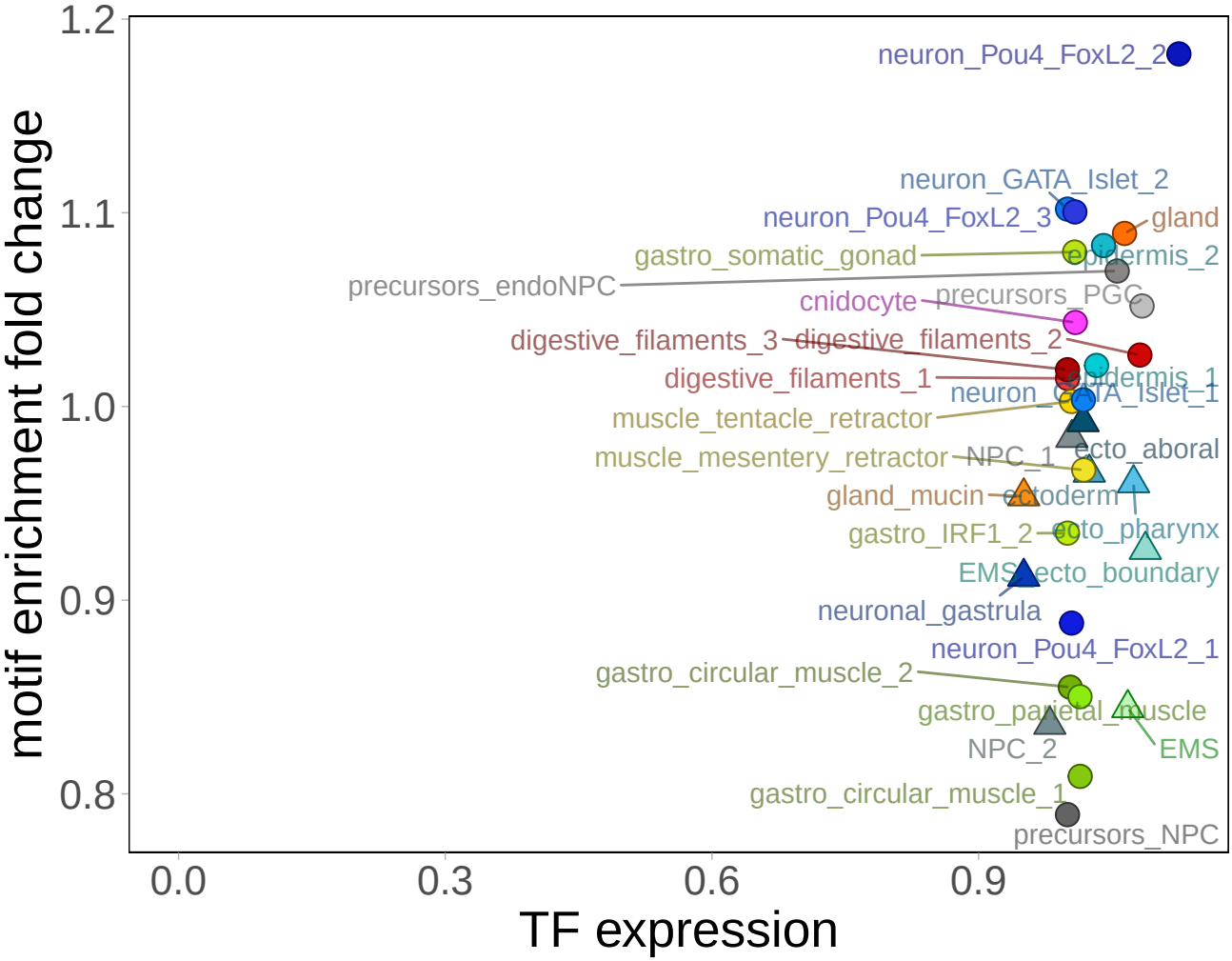
Nvec_vc1.1_XM_048726174.1
OG: zf−C2H2.HG6.2:MYT1/MYT1L/ST18
PFAM: zf−C2HC/zf−C2HC/zf−C2HC/zf−C2HC/
motif: ARCH530_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 9
gene expression correlation: 0.3716
gene score correlation: 0.5220



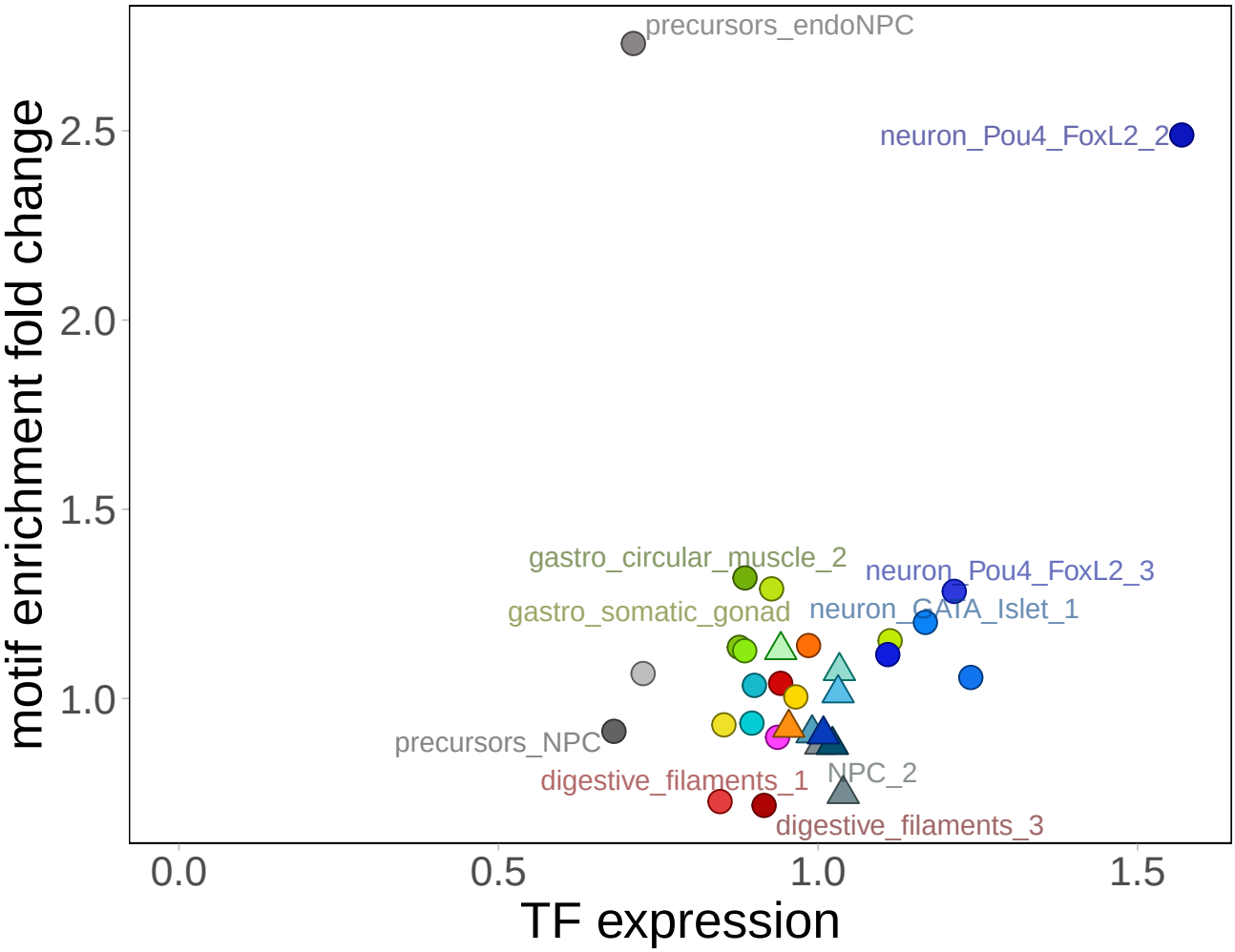
Nvec_vc1.1_XM_048726734.1
OG: zf−C2H2.HG1.234:like:AC008758.1/AC00
PFAM: zf−C2H2/zf−C2H2/zf−H2C2_2/zf−C2H2
motif: ARCH786_NAC080
TF family: zf−C2H2
archetype family:
CisBP assigned: FALSE
rank: 655
gene expression correlation: 0.3256
gene score correlation: 0.1676



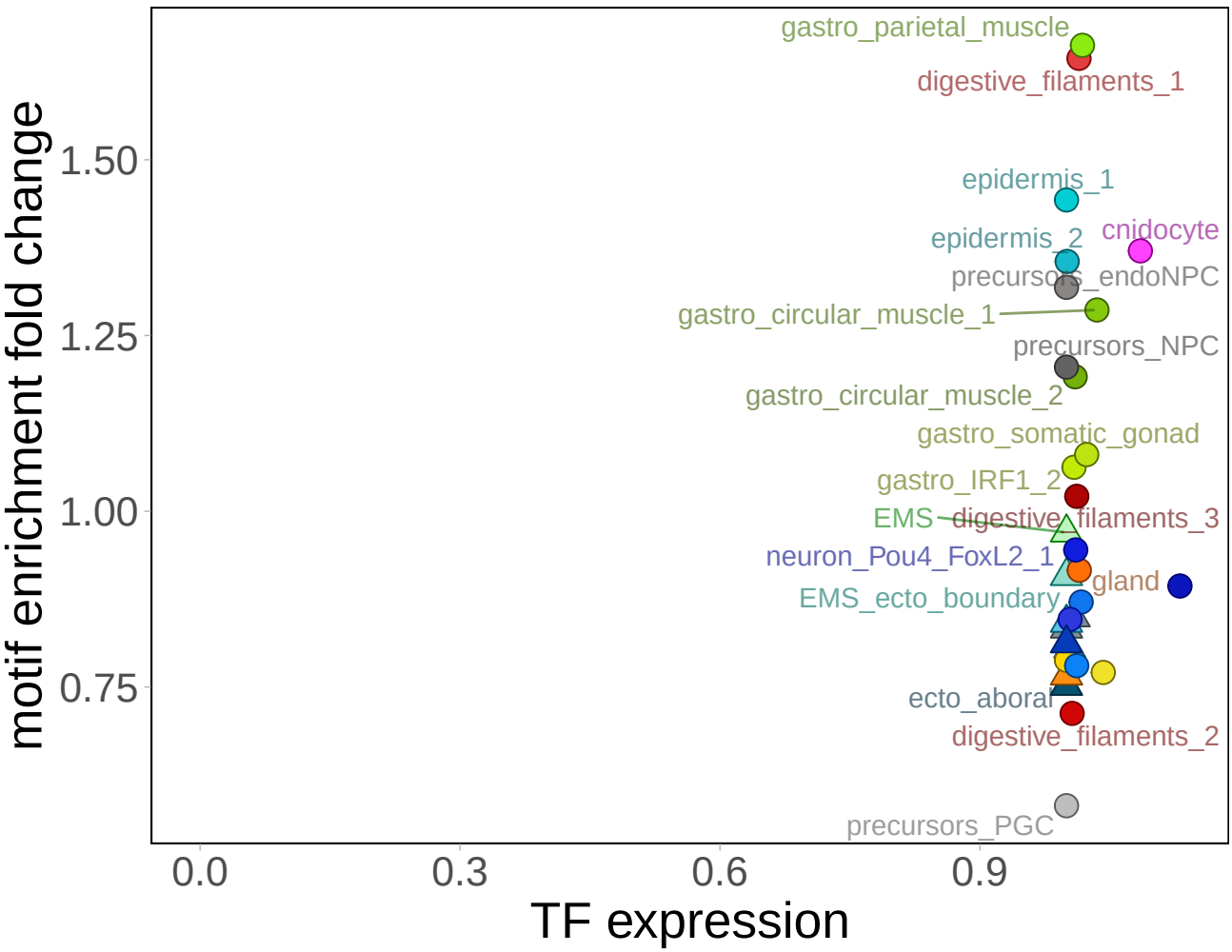
Nvec_vc1.1_XM_048726881.1
OG: zf−C2H2.HG1.3:ZBTB3
PFAM: zf−C2H2
motif: ARCH1200_Zfp760/Zfp770
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 858
gene expression correlation: 0.3715
gene score correlation: 0.0121



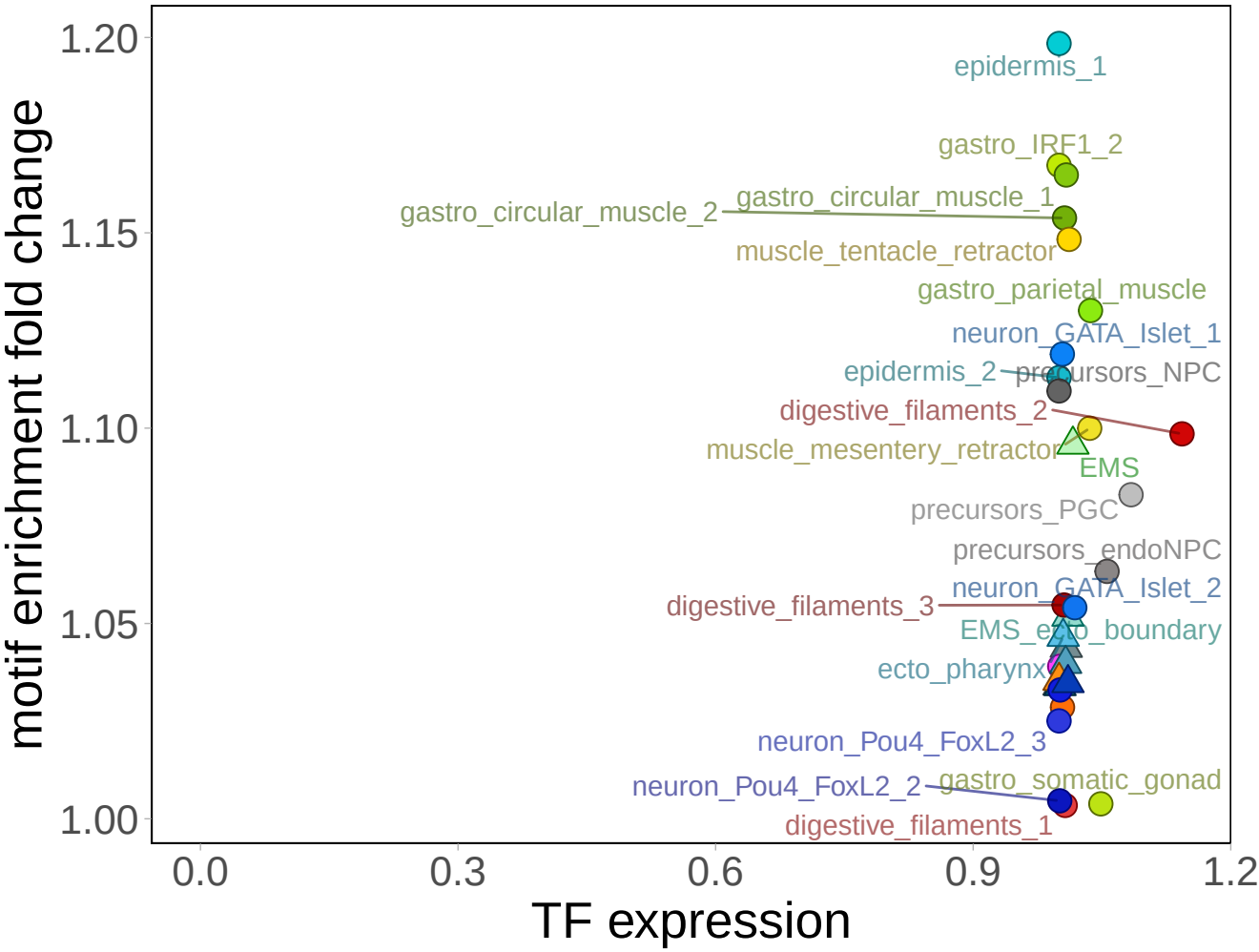
Nvec_vc1.1_XM_048727123.1
OG: Myb.HG1.9:NCOR1/NCOR2
PFAM: GPS2_interact/Myb_DNA−binding
motif: ARCH646_Msantd4/Mypop_Terf2ip
TF family: Myb
archetype family: Myb
CisBP assigned: FALSE
rank: 899
gene expression correlation: 0.2520
gene score correlation: 0.0552



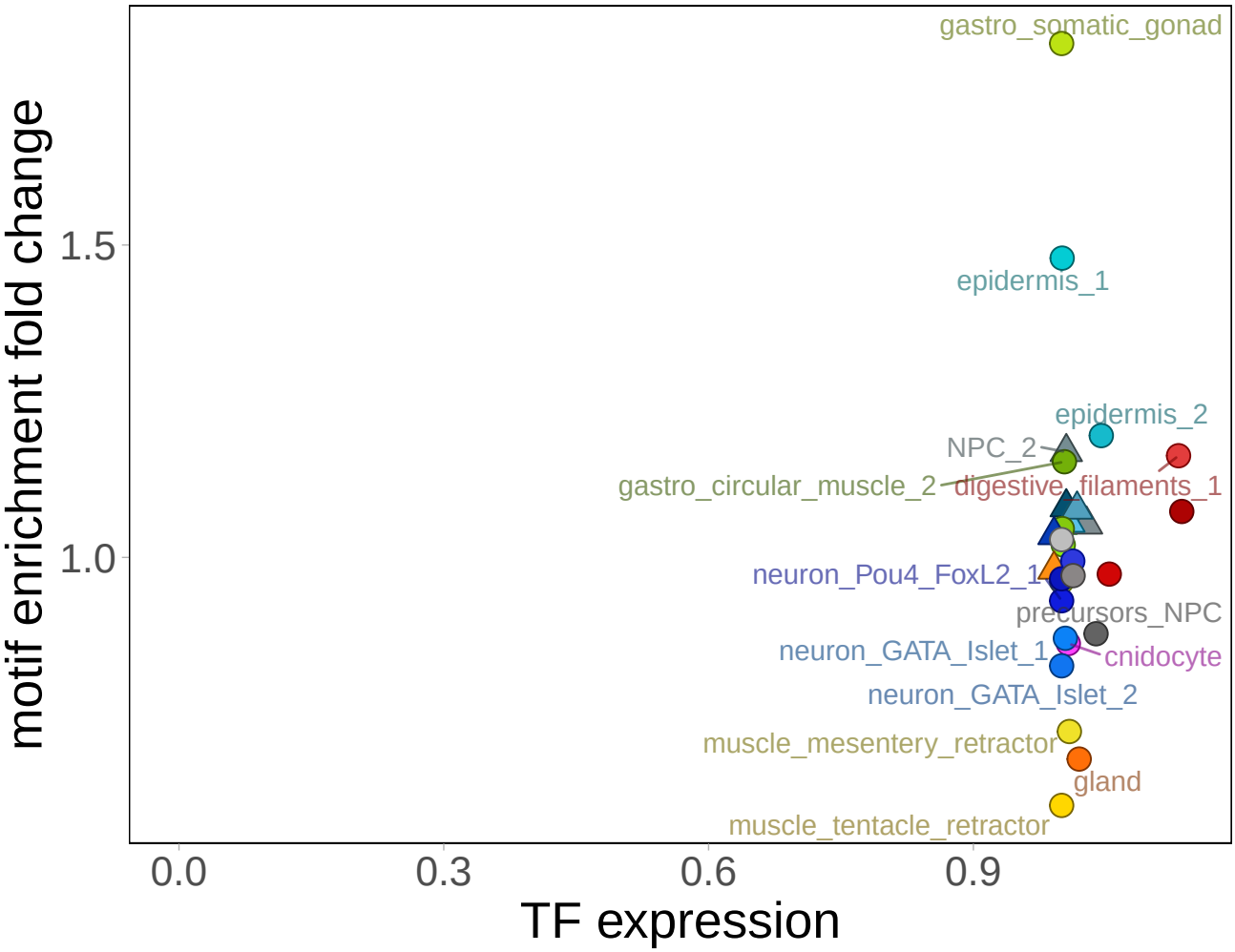
Nvec_vc1.1_XM_048727456.1
OG: zf−C4_Nuclear_receptors.HG1.30:like:NR
PFAM: zf−C4/Hormone_recep
motif: ARCH934_Nr2c1/Nr2c2_Nr2f1/N...
TF family: zf−C4_Nuclear_receptors
archetype family: zf−C4_Nuclear_receptors
CisBP assigned: TRUE
rank: 301
gene expression correlation: 0.1255
gene score correlation: 0.2495



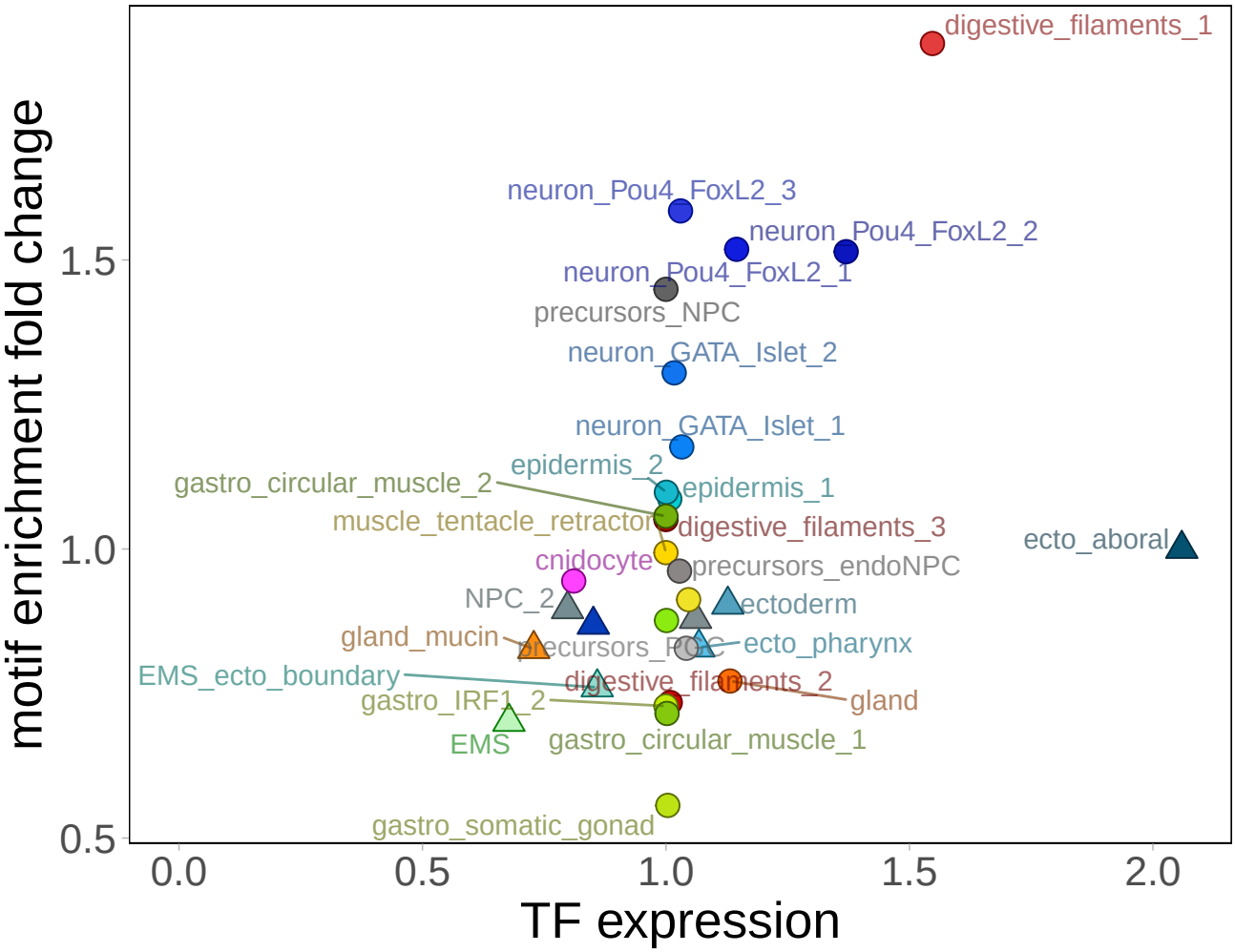
Nvec_vc1.1_XM_048728051.1
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/F
PFAM: Forkhead
motif: ARCH895_Foxn4/Foxn1
TF family: Forkhead
archetype family: Forkhead
CisBP assigned: FALSE
rank: 200
gene expression correlation: 0.0604
gene score correlation: 0.2710



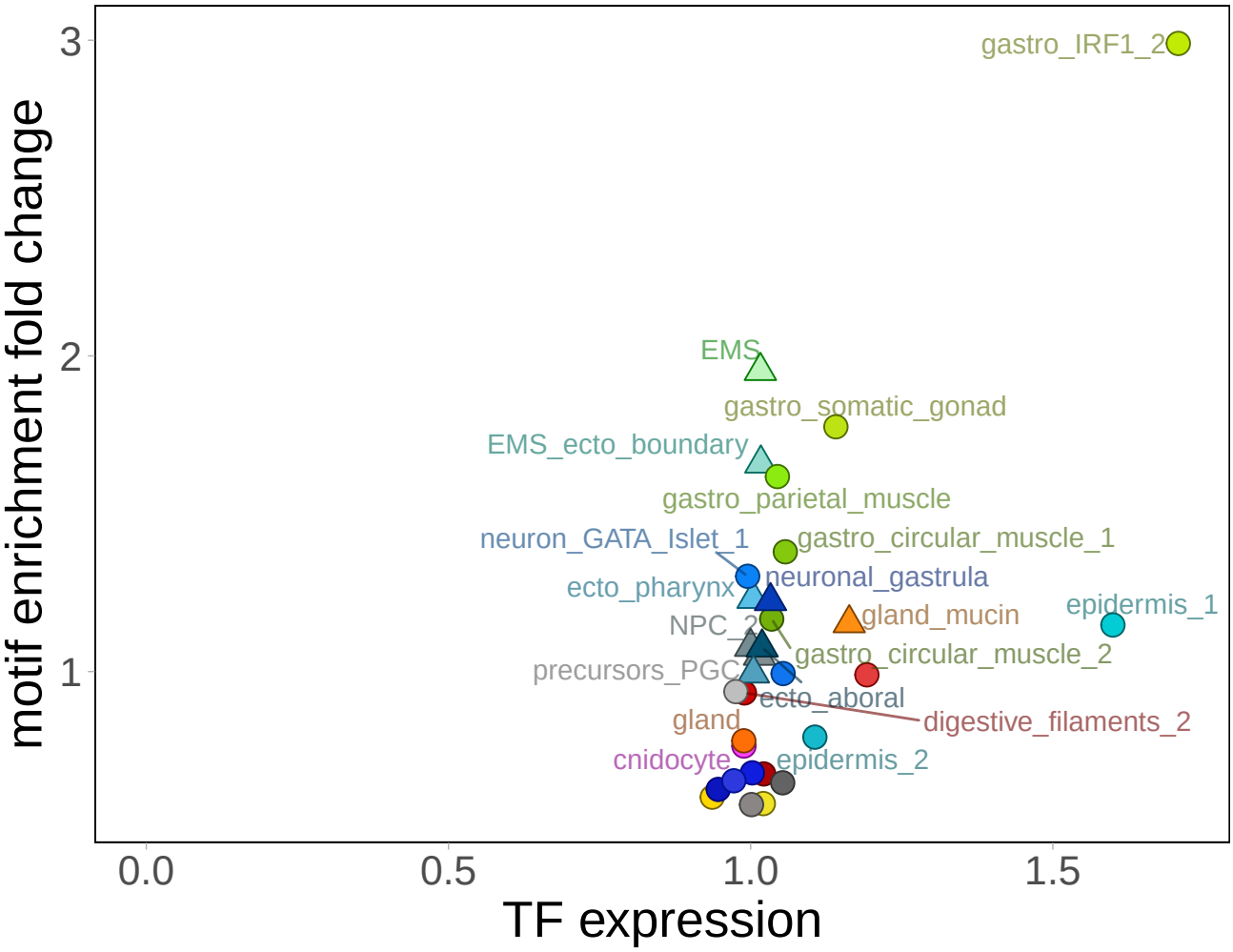
Nvec_vc1.1_XM_048728399.1
OG: bZIP.HG2.5:CEBPA/CEBPB/CEBPD/CEB
PFAM: bZIP_2
motif: ARCH1224_Cebpd/Cebpe/Cebpa/...
TF family: bZIP
archetype family: bZIP
CisBP assigned: TRUE
rank: 780
gene expression correlation: 0.0678
gene score correlation: −0.0558



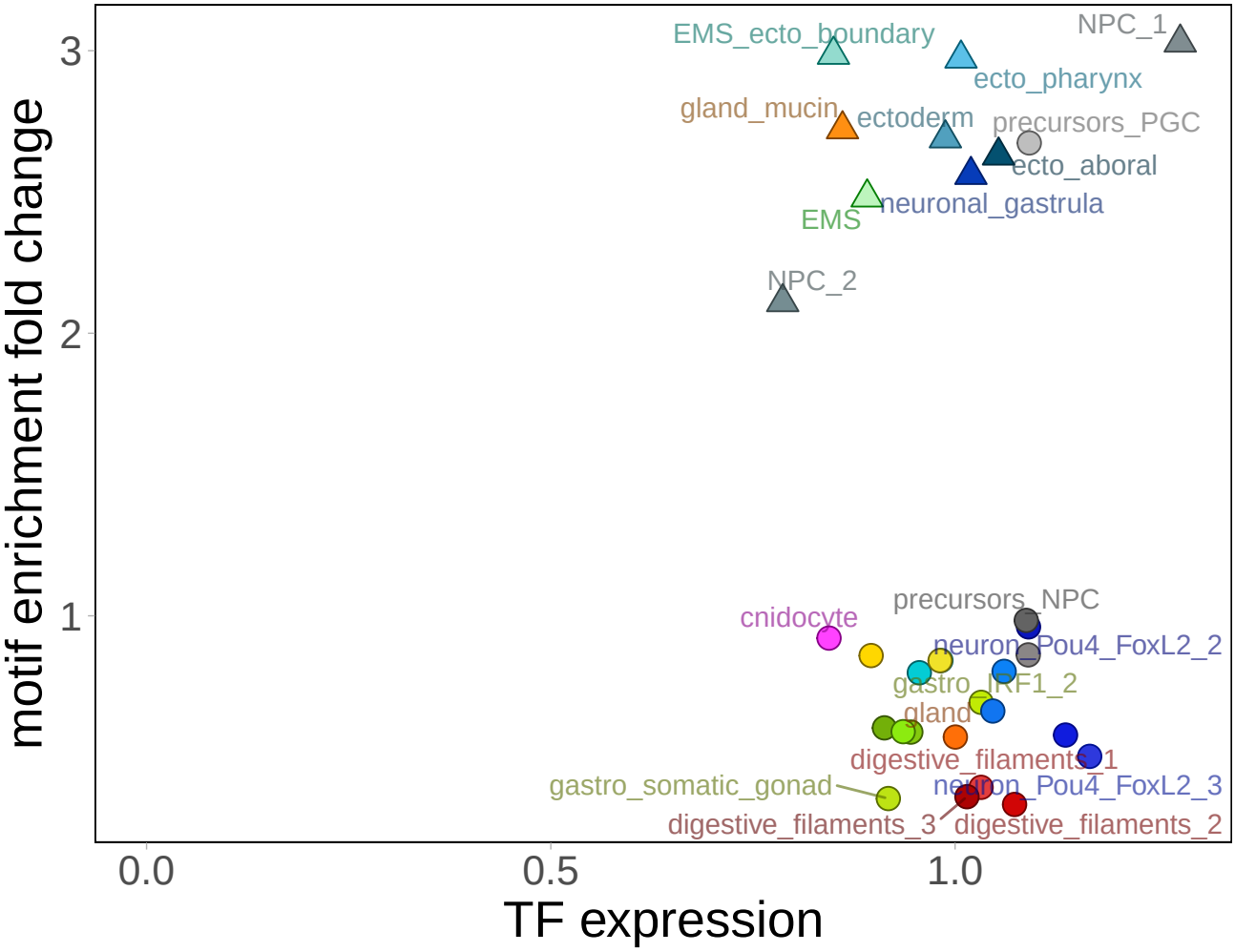
Nvec_vc1.1_XM_048728853.1
OG: Homeodomains.HG1.24:like:HHEX/LBX1/
PFAM: Homeodomain
motif: ARCH304_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: TRUE
rank: 26
gene expression correlation: 0.3987
gene score correlation: 0.4453



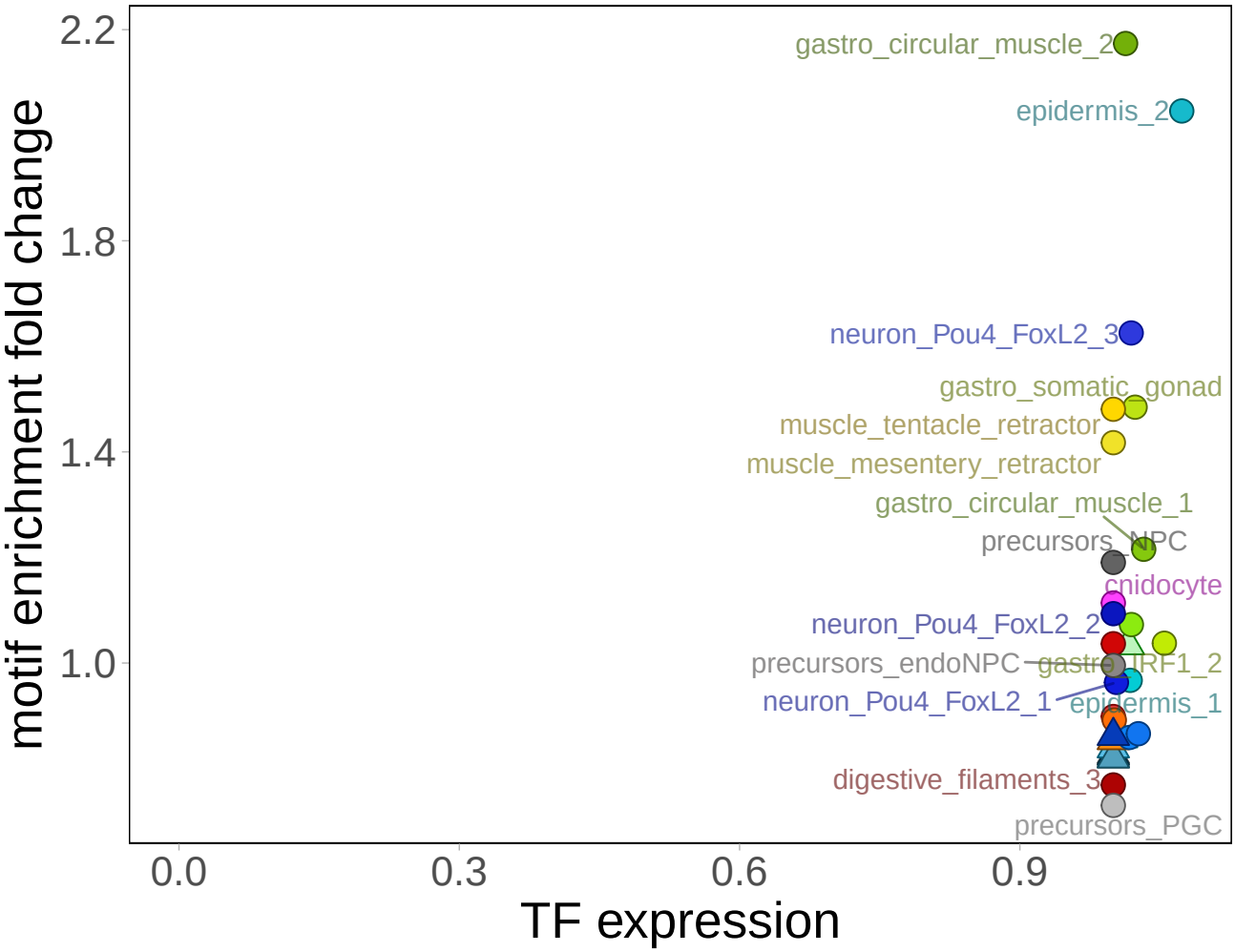
Nvec_vc1.1_XM_048729186.1
OG: Ets.HG1.9:AC020909.1/SPI1/SPIB/SPIC
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: FALSE
rank: 4
gene expression correlation: 0.5992
gene score correlation: 0.6447



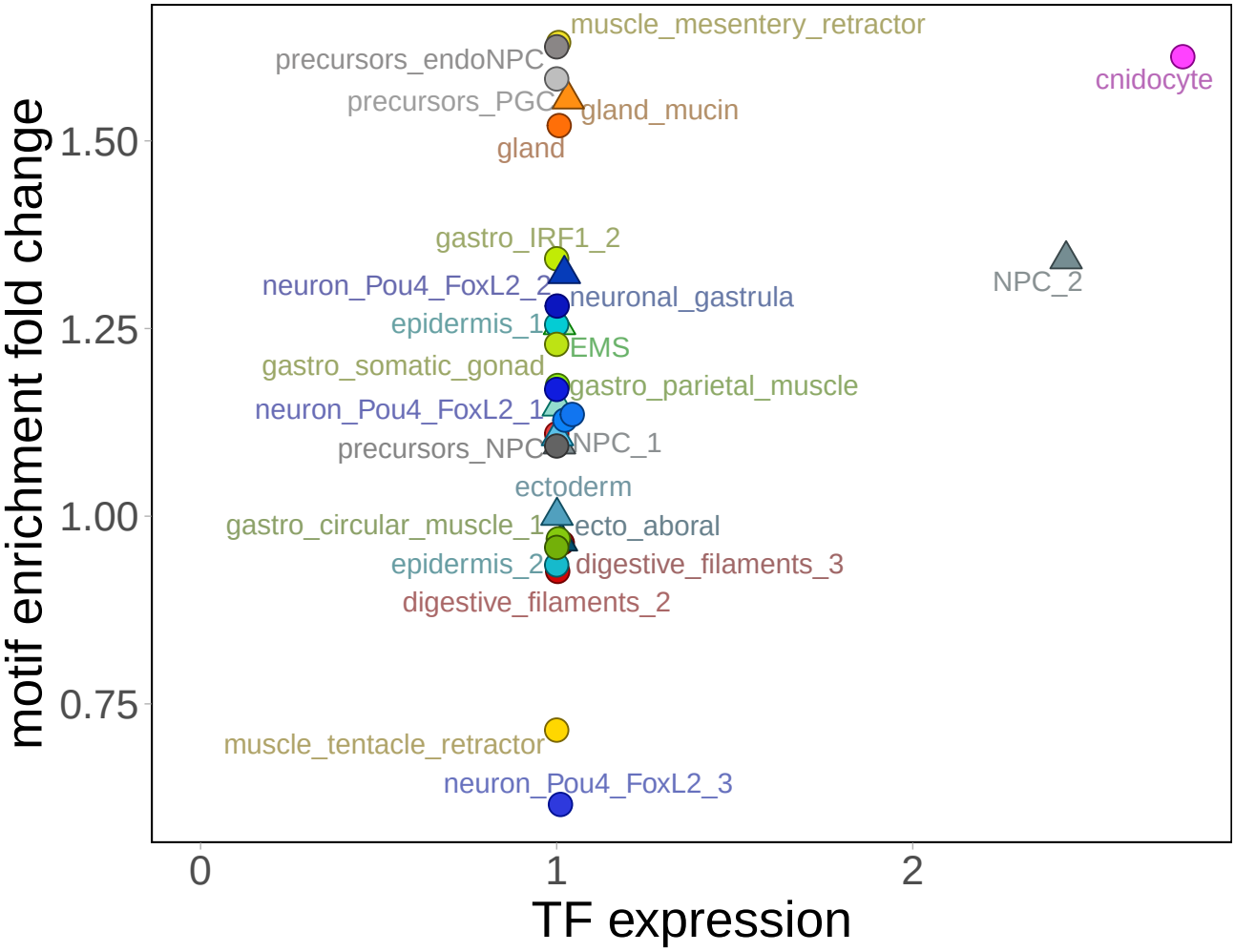
Nvec_vc1.1_XM_048729815.1
OG: zf−C2H2.HG3.36:YY1/YY2/ZFP42
PFAM: zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH523_Yy1
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: TRUE
rank: 1
gene expression correlation: −0.0678
gene score correlation: 0.2391



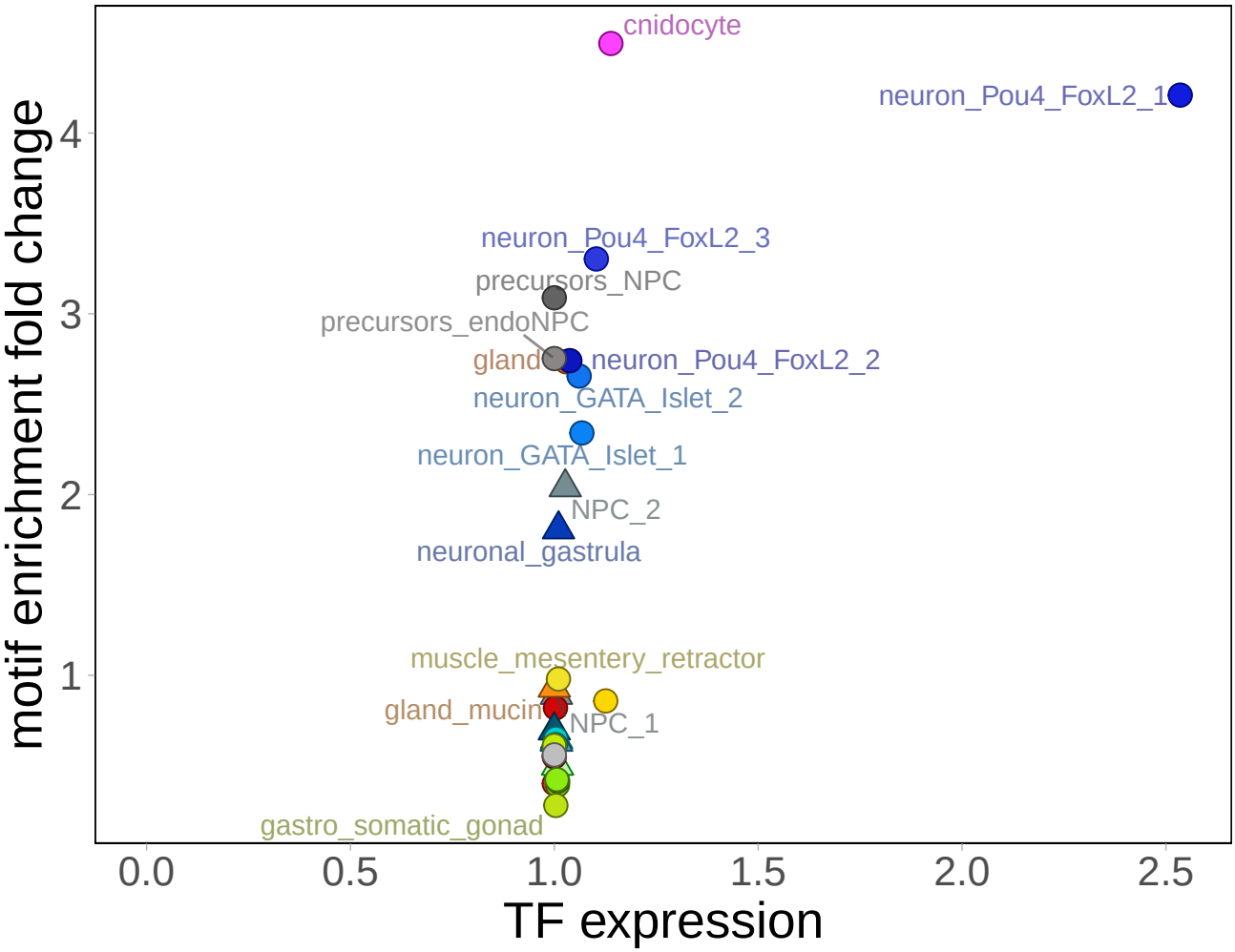
Nvec_vc1.1_XM_048730025.1
OG: THAP_finger.HG1.0:AC073612.1/THAP1/
PFAM: THAP
motif: ARCH804_PB0207.1_Zic3_2
TF family: THAP_finger
archetype family:
CisBP assigned: FALSE
rank: 143
gene expression correlation: 0.4851
gene score correlation: 0.1500



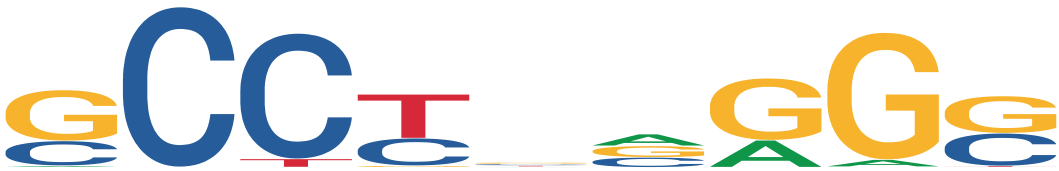
Nvec_vc1.1_XM_048730283.1
OG: bZIP.HG1.17:ATF3/JDP2
PFAM: bZIP_1
motif: ARCH947_Creb3l2/Creb3l1
TF family: bZIP
archetype family: bZIP
CisBP assigned: FALSE
rank: 14
gene expression correlation: 0.3146
gene score correlation: 0.3139

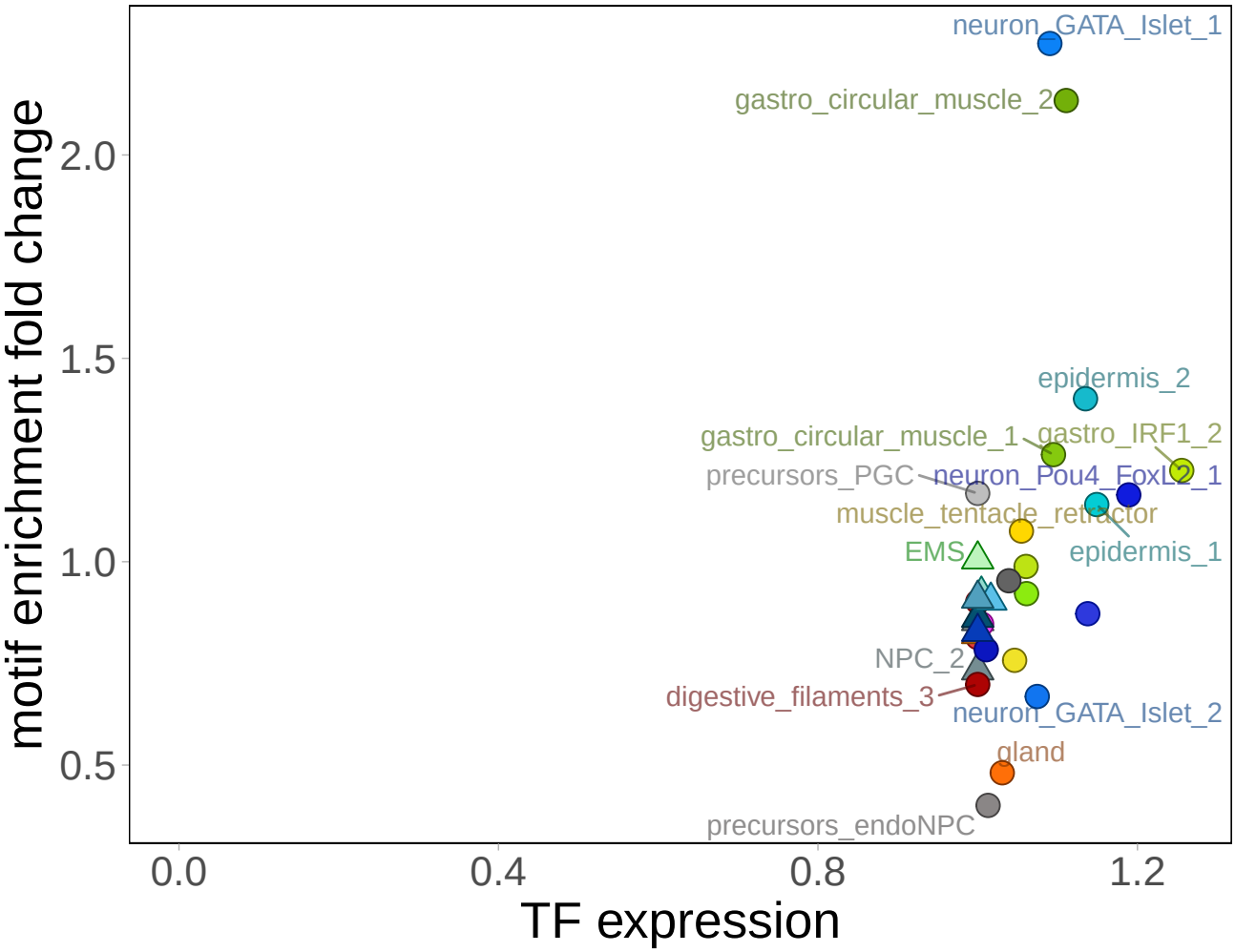


Nvec_vc1.1_XM_048731064.1
OG: zf−C2H2.HG87.0:NA
PFAM: zf−C2H2/zf−C2H2/zf−C2H2/zf−C2H2
motif: ARCH470_Snai2
TF family: zf−C2H2
archetype family: zf−C2H2
CisBP assigned: FALSE
rank: 5
gene expression correlation: 0.4930
gene score correlation: 0.4477

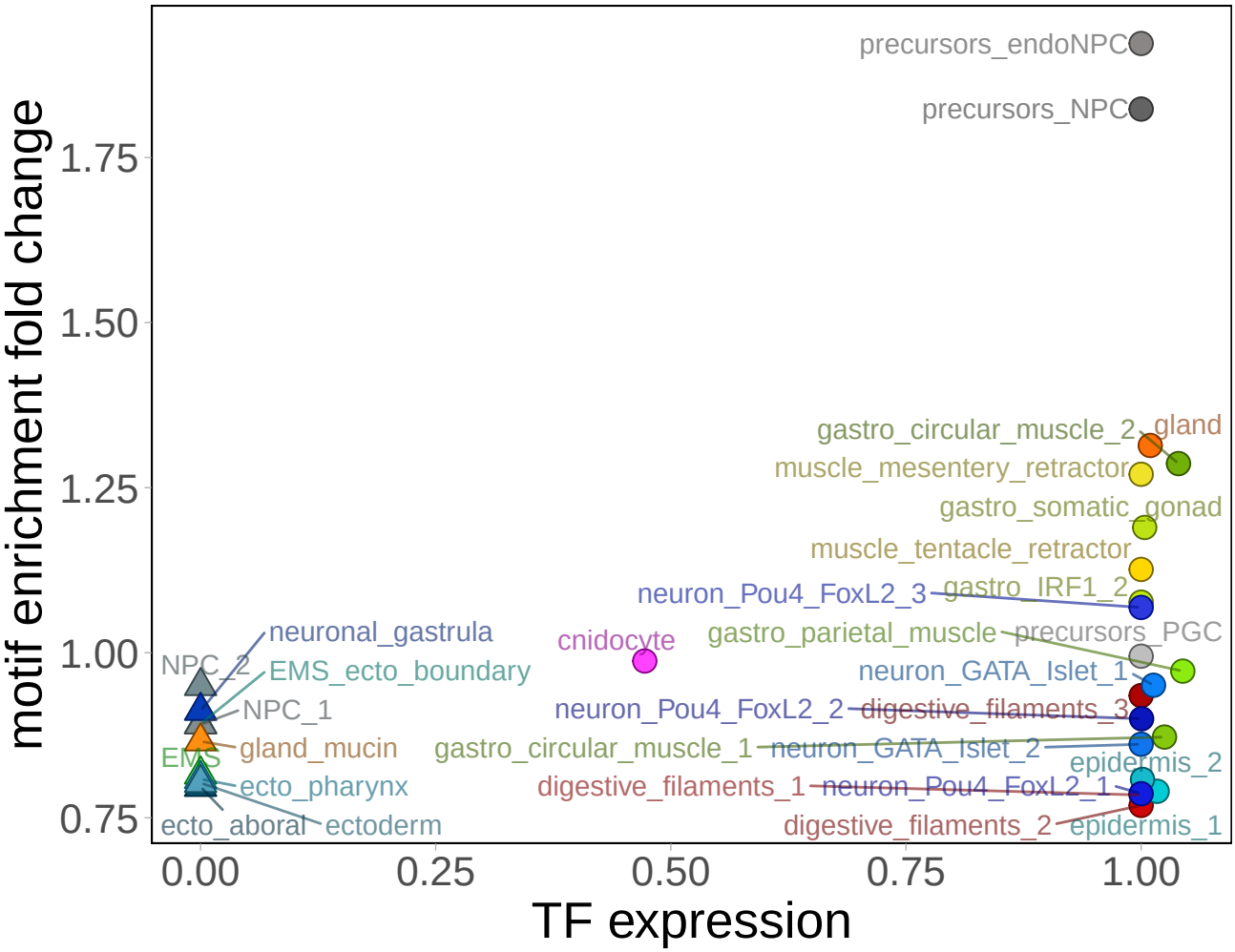


Nvec_vc1.1_XM_048731339.1
OG: AP−2.HG1.3:like:TFAP2A/TFAP2B/TFAP2
PFAM: TF_AP−2
motif: ARCH387_TFAP2E
TF family: AP2
archetype family: AP2
CisBP assigned: FALSE
rank: 3
gene expression correlation: 0.4640
gene score correlation: 0.7489

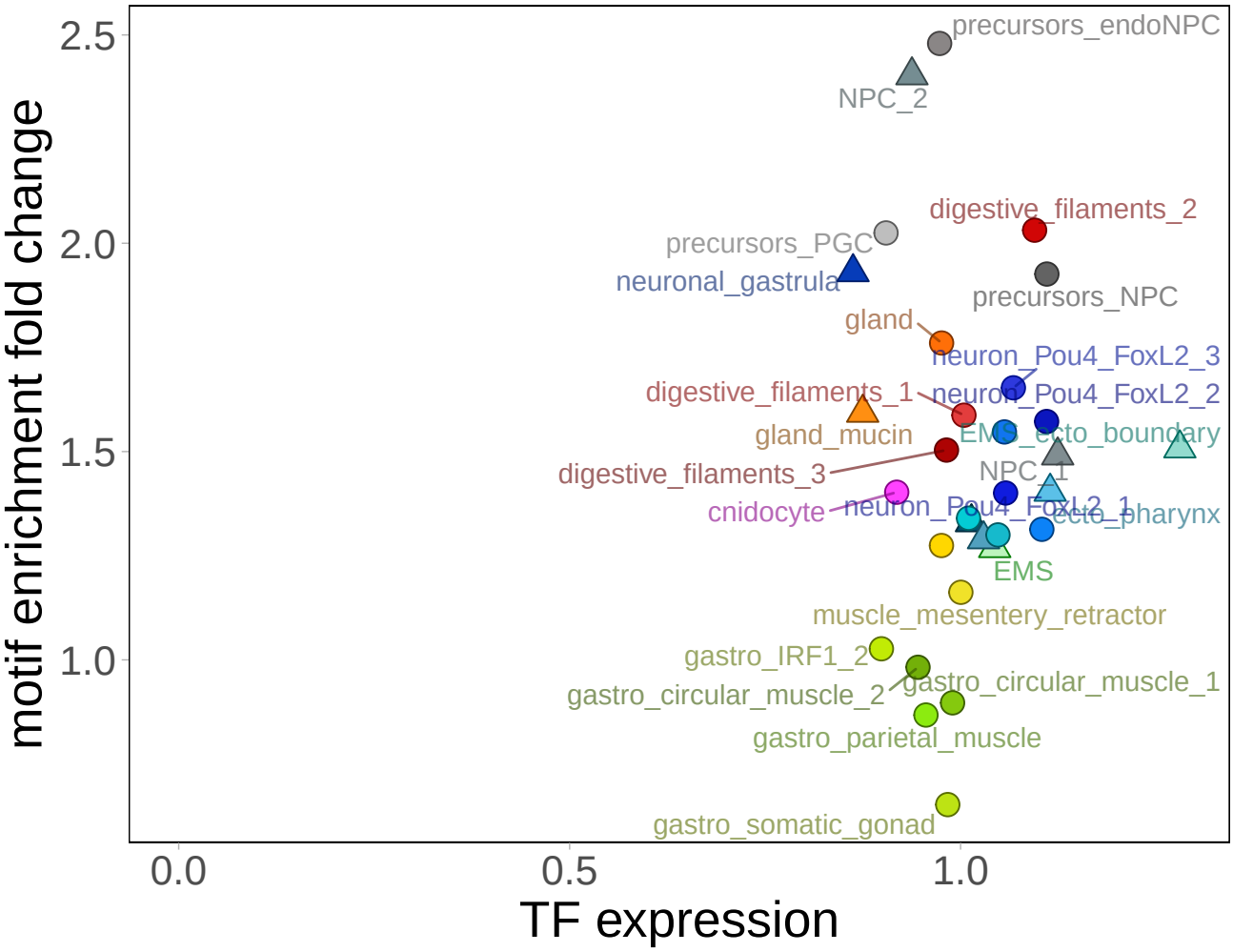




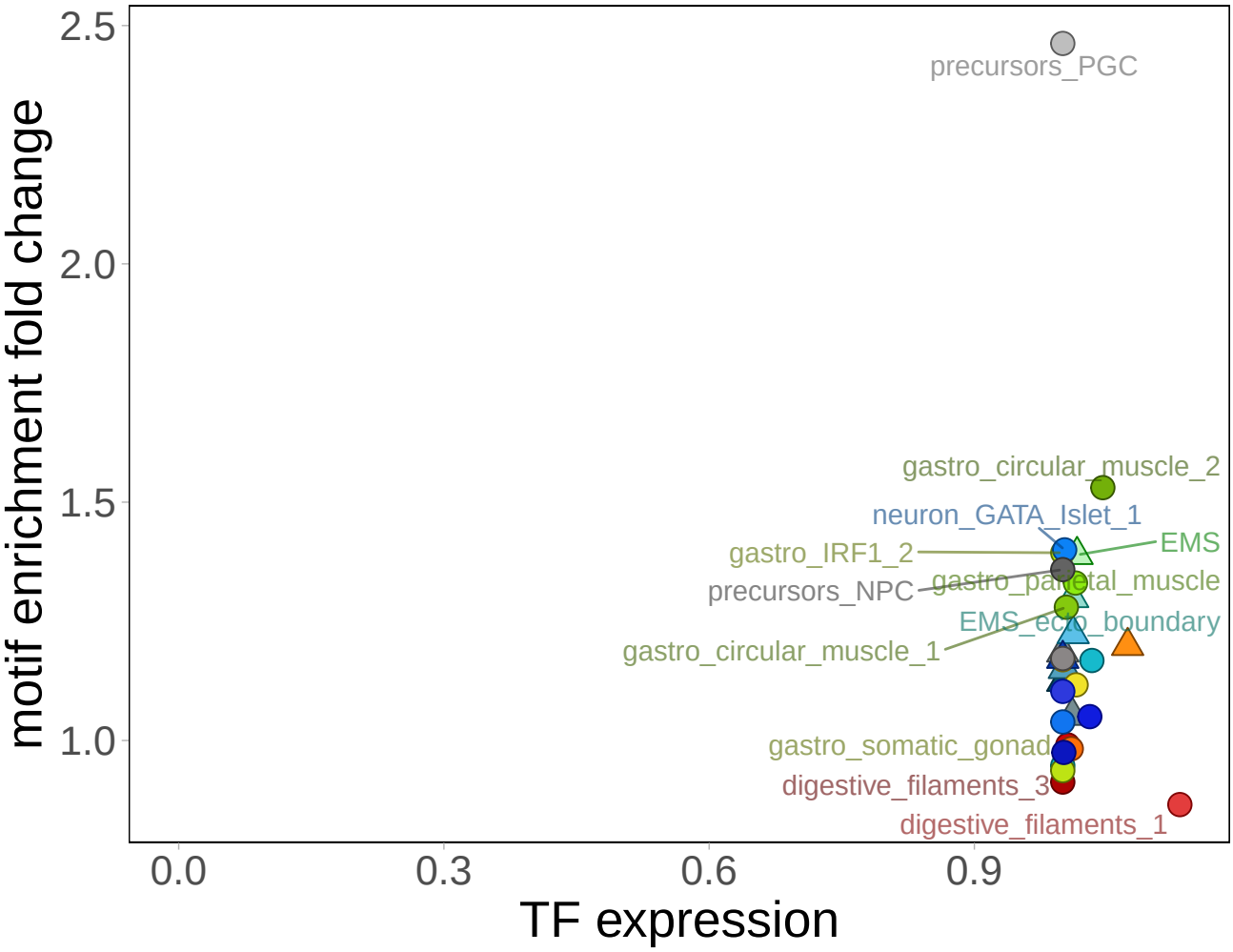
Nvec_vc1.1_XM_048731942.1
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/T
PFAM: HLH
motif: ARCH771_Twist2/Twist1
TF family: HLH
archetype family: HLH
CisBP assigned: FALSE
rank: 15
gene expression correlation: 0.3475
gene score correlation: 0.1332



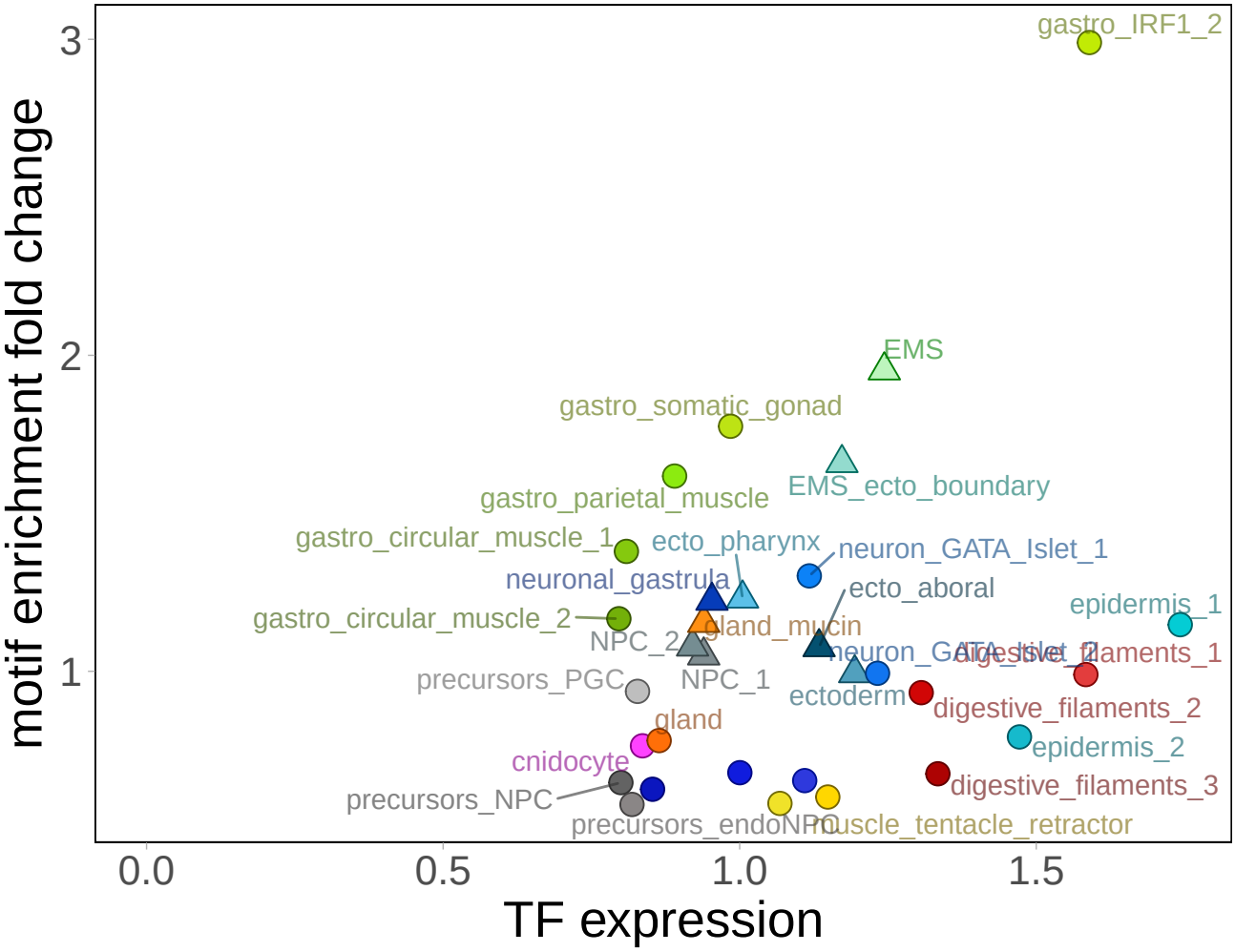
Nvec_vc1.1_XM_048731950.1
OG: HMGbox_Sox.HG1.39:HMGXB4
PFAM: HMG_box
motif: ARCH96_HAP4
TF family: HMGbox_Sox
archetype family:
CisBP assigned: FALSE
rank: 1364
gene expression correlation: −0.0093
gene score correlation: 0.2683



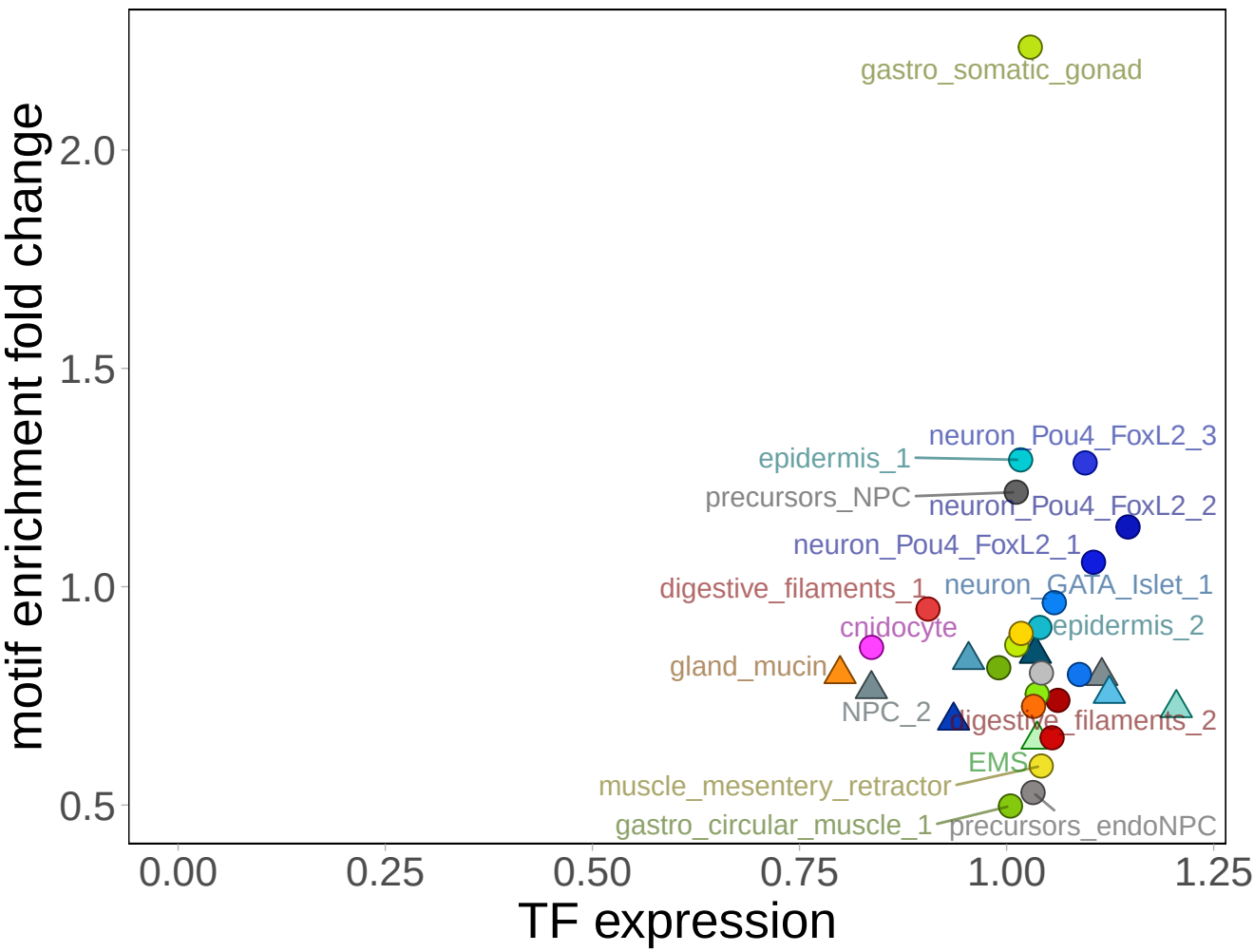
Nvec_vc1.1_XM_048732398.1
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
PFAM: E2F_TDP
motif: ARCH394_/E2f4_E2f6_E2f8/E2f7
TF family: E2F_TDP
archetype family: E2F_TDP
CisBP assigned: FALSE
rank: 360
gene expression correlation: −0.1417
gene score correlation: 0.2997



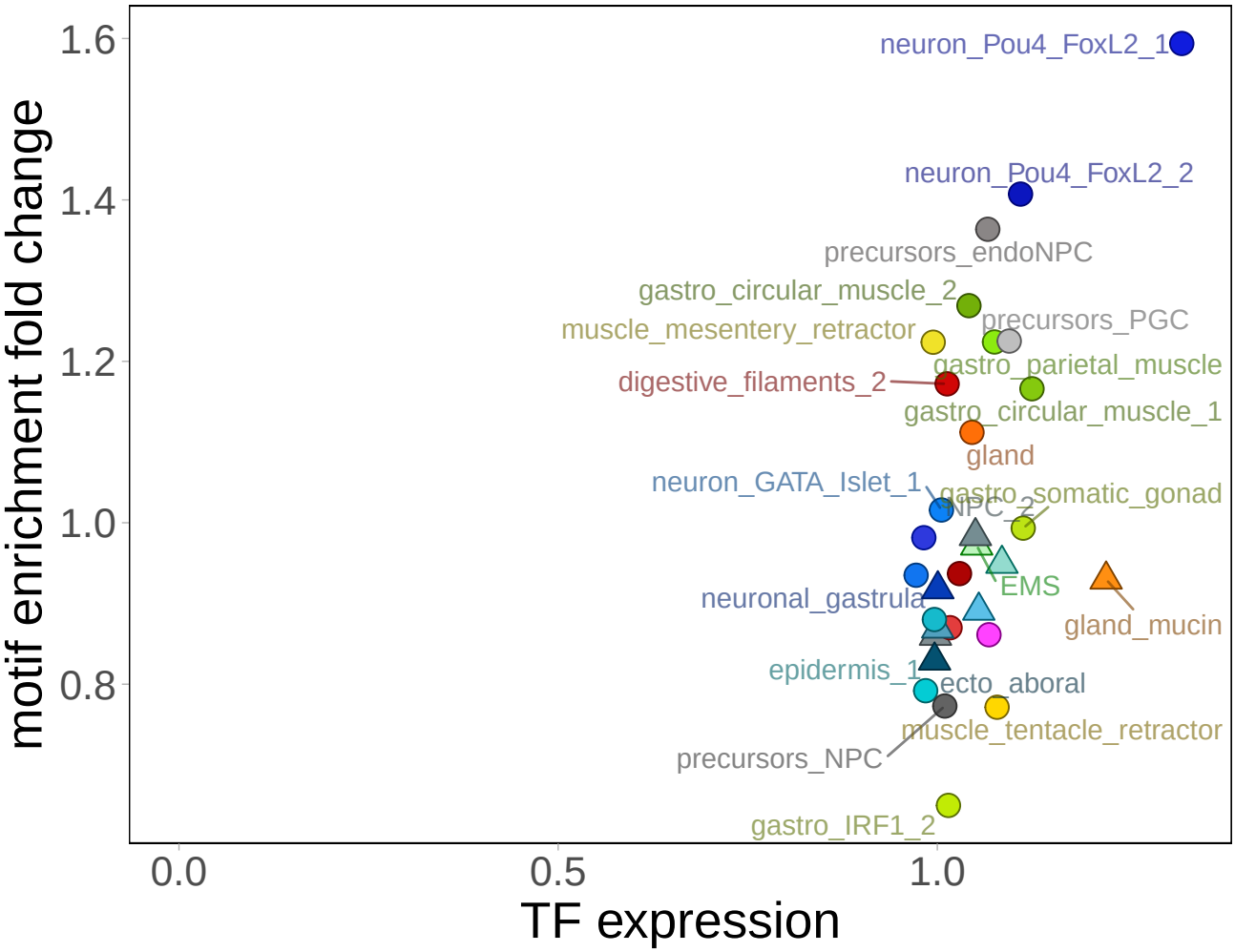
Nvec_vc1.1_XM_048732532.1
OG: Ets.HG1.8:ETS1/ETS2
PFAM: Ets
motif: ARCH587_Elf3/Ehf/Elf5_Erg/F...
TF family: Ets
archetype family: Ets
CisBP assigned: TRUE
rank: 214
gene expression correlation: 0.2882
gene score correlation: 0.3389



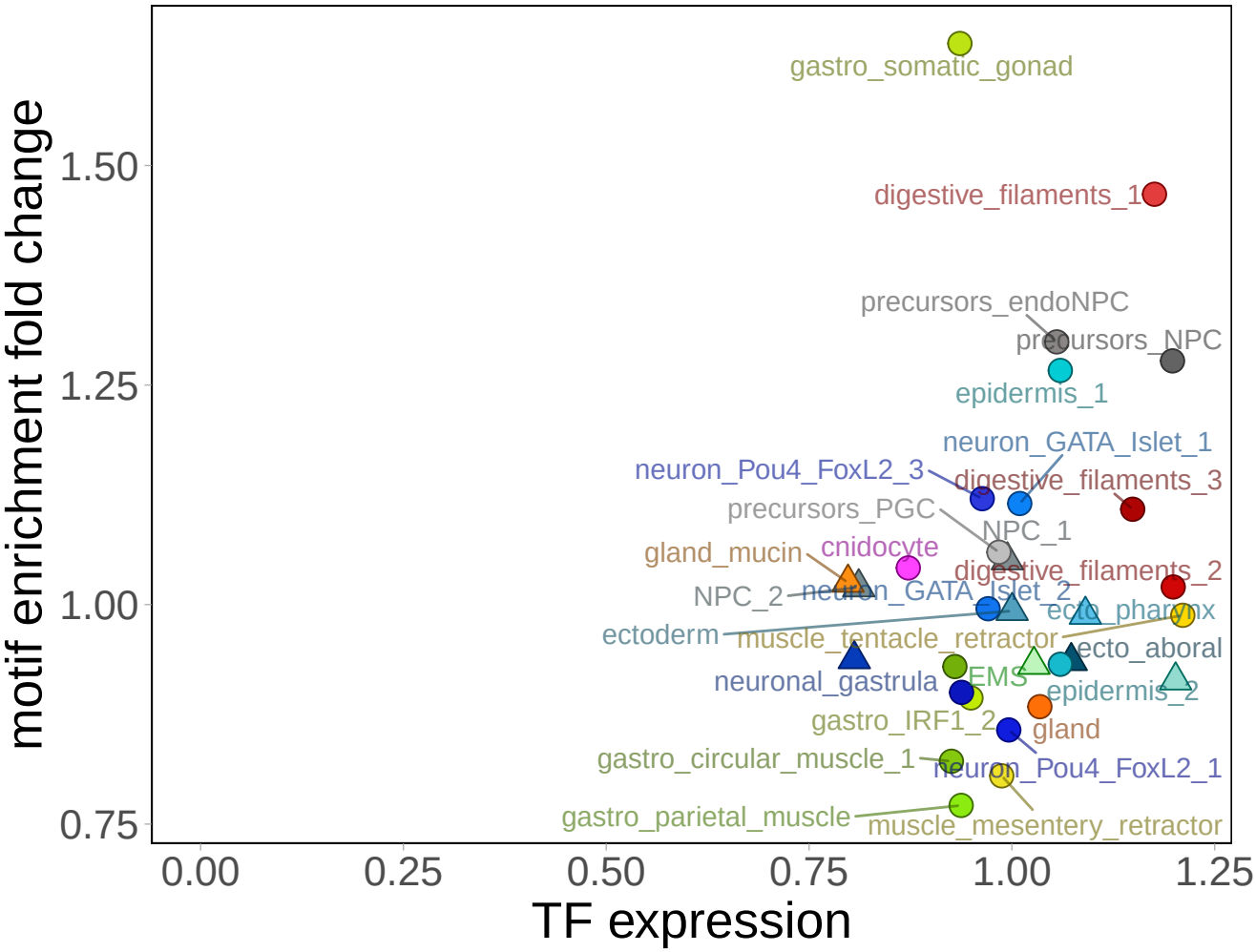
Nvec_vc1.1_XM_048732776.1
OG: HMGbox_Sox.HG1.22:MAEL
PFAM: HMG_box_2/Maelstrom
motif: ARCH21_Mael_Tox3/Tox/Tox2/Tox4
TF family: HMGbox_Sox
archetype family: HMGbox_Sox
CisBP assigned: TRUE
rank: 977
gene expression correlation: 0.0701
gene score correlation: −0.0557



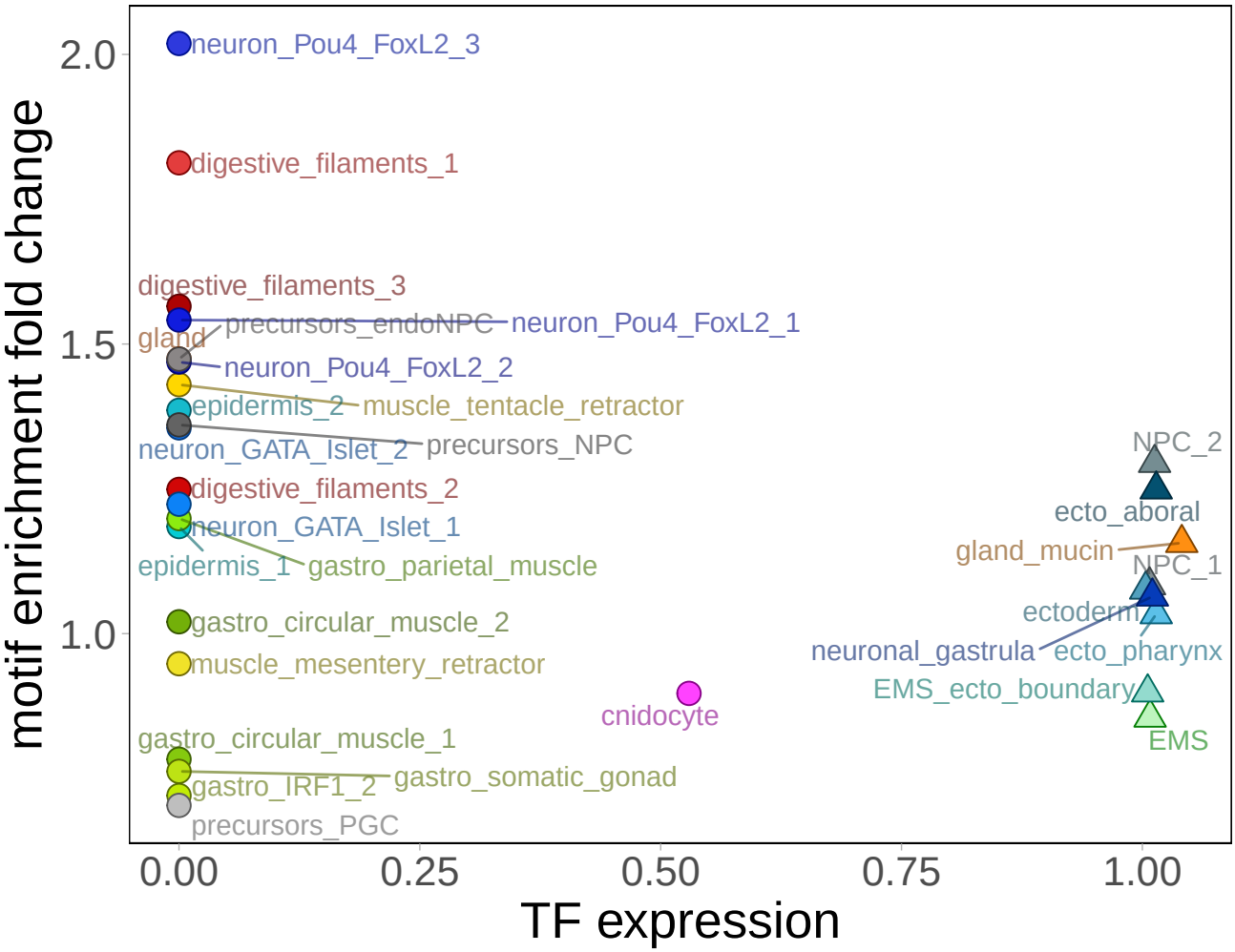
Nvec_vc1.1_XM_048733199.1
OG: NFX1_ZF.HG1.0:NFXL1
PFAM: zf−NF−X1/zf−NF−X1/zf−NF−X1/zf−NF-
motif: ARCH824_Tlx?
TF family: NFX1_ZF
archetype family:
CisBP assigned: FALSE
rank: 1547
gene expression correlation: 0.5410
gene score correlation: −0.0730



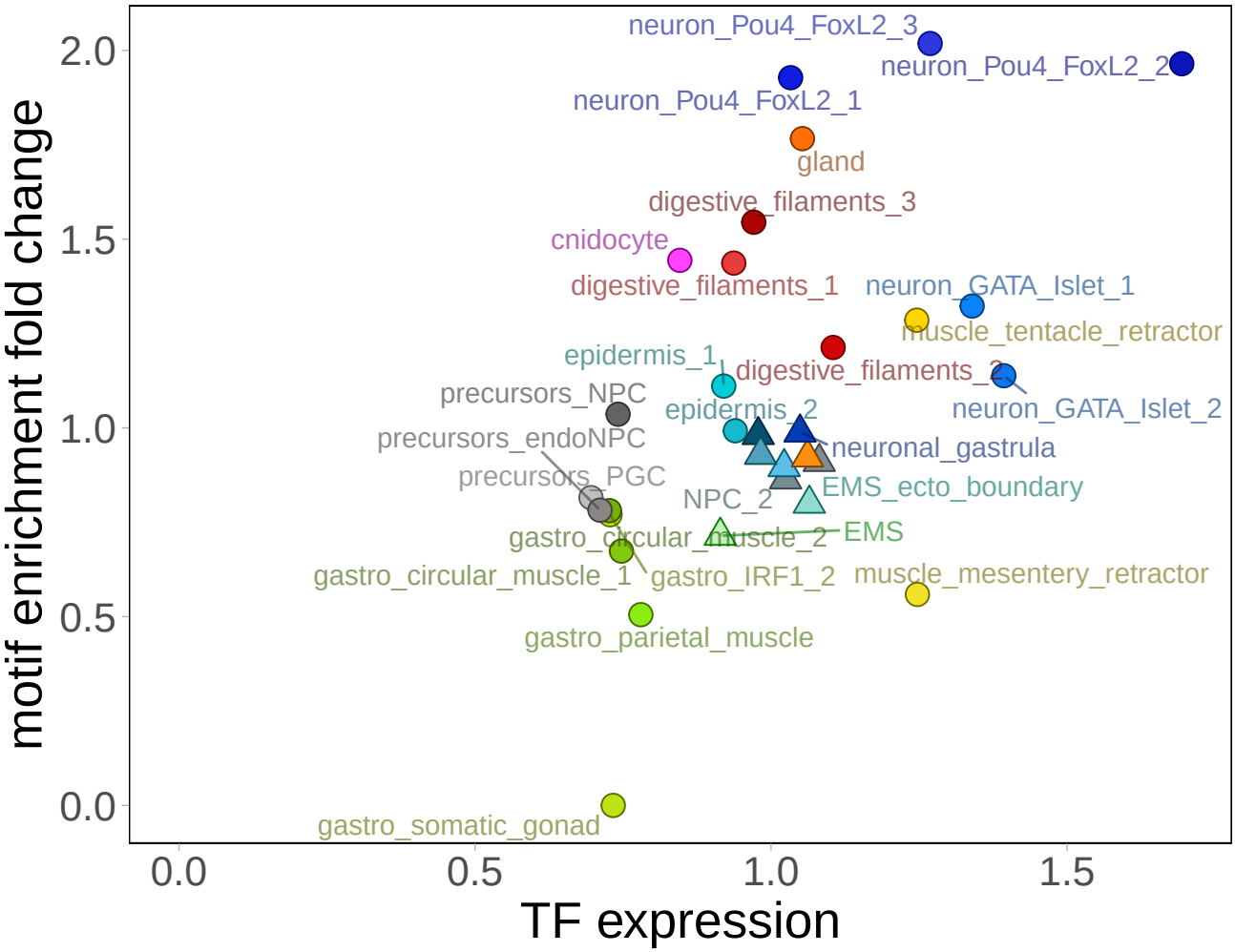
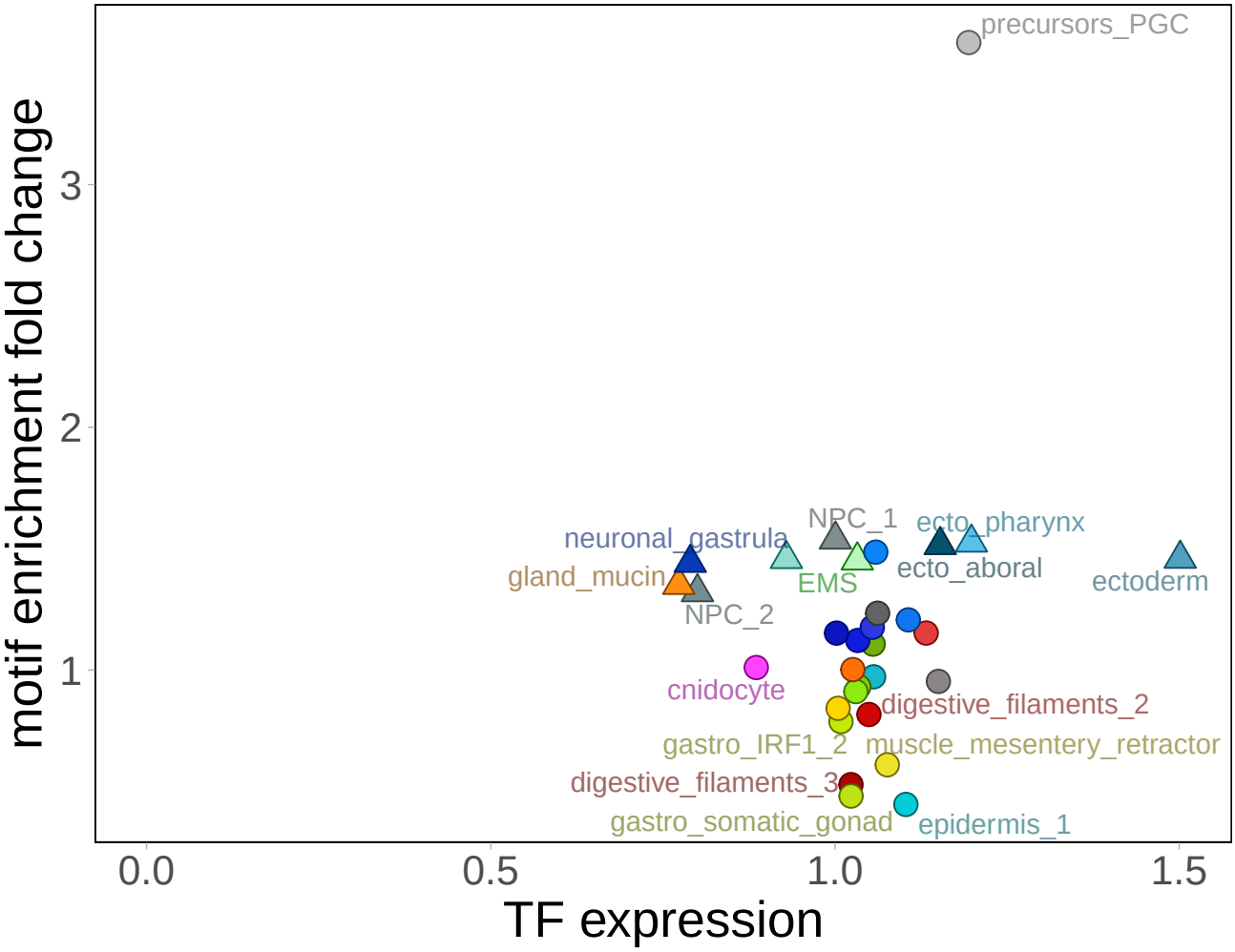
Nvec_vc1.1_XM_048733498.1
OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSAI
PFAM: Myb_DNA−bind_4/Myb_DNA−bind_4/M
motif: ARCH153_Msantd2_Rcor1/Rcor2...
TF family: Myb
archetype family: Myb
CisBP assigned: TRUE
rank: 633
gene expression correlation: 0.2172
gene score correlation: 0.1982



Nvec_vc1.1_XM_048733551.1
OG: Homeodomains.HG1.5:like:AC004080.3/A
PFAM: Homeodomain
motif: ARCH271_Alx3/Alx4/Alx1_Barx...
TF family: Homeodomains
archetype family: Homeodomains
CisBP assigned: FALSE
rank: 1624
gene expression correlation: −0.2916
gene score correlation: 0.0411



Nvec_vc1.1_XM_048733866.1
OG: AF−4.HG1.0:AFF1/AFF2/AFF3/AFF4
PFAM: AF−4/AF−4_C
motif: ARCH130_Brn2
TF family: AF−4
archetype family:
CisBP assigned: FALSE
rank: 13
gene expression correlation: 0.5509
gene score correlation: 0.3766



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: 0.1755
gene score correlation: 0.3880