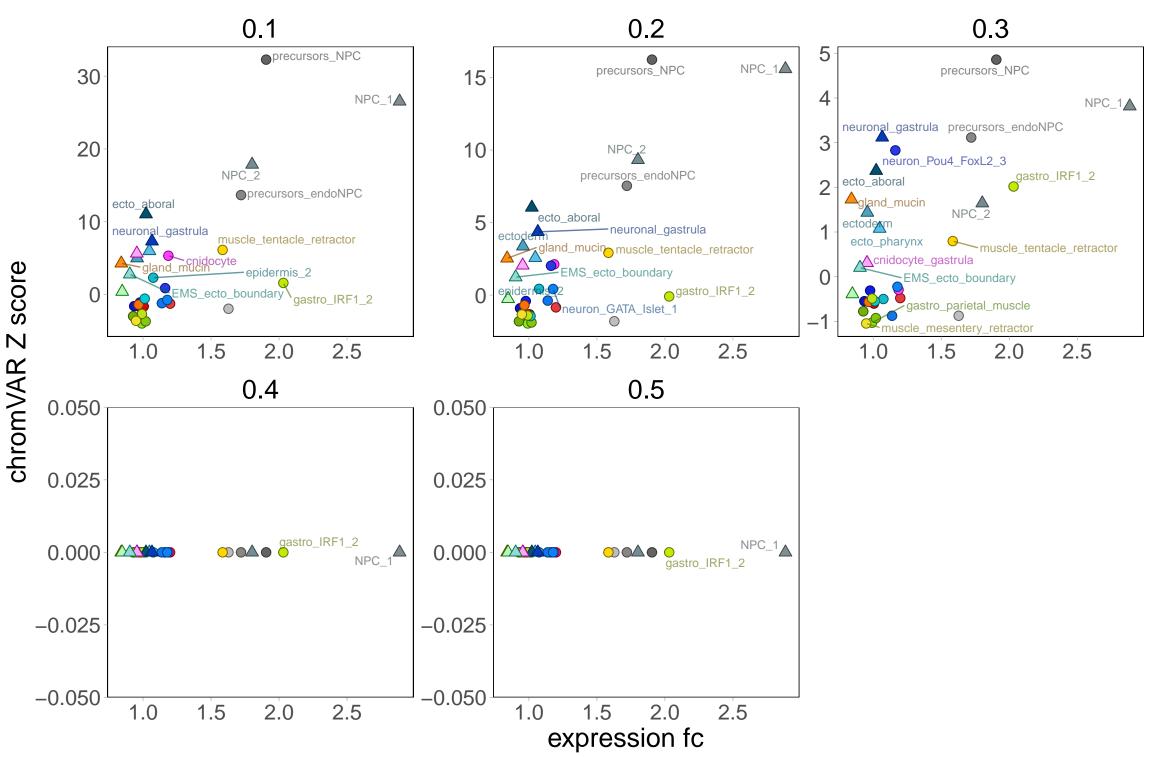
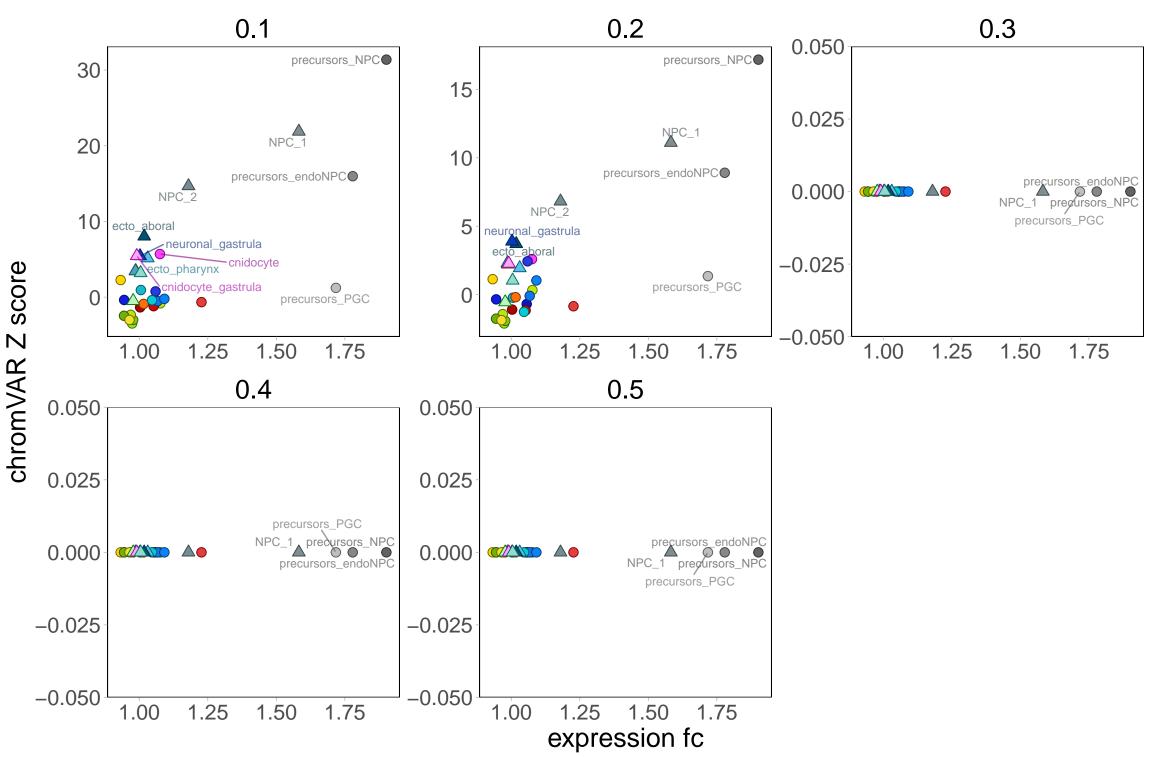
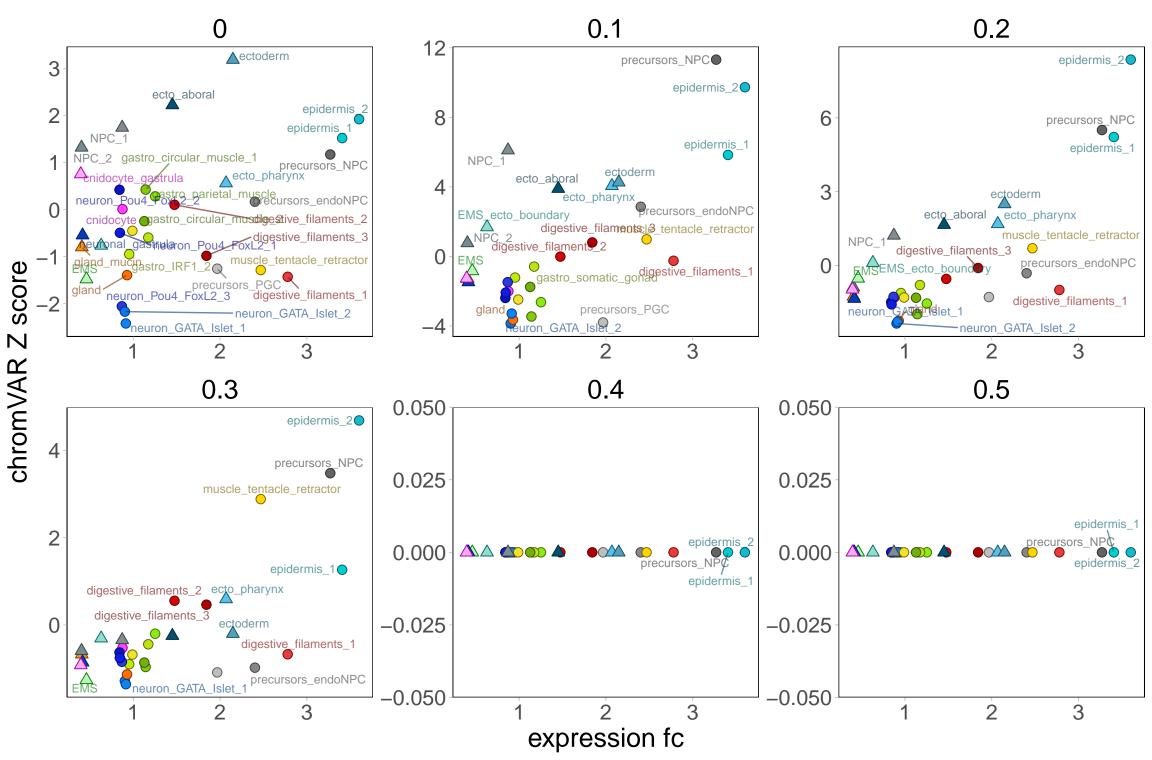
Ptx1 (Nvec\_vc1.1\_XM\_032366098.2) HLH.HG1.29:MYC/MYCL/MYCN ARCH783\_bHLH18\_\_MNT



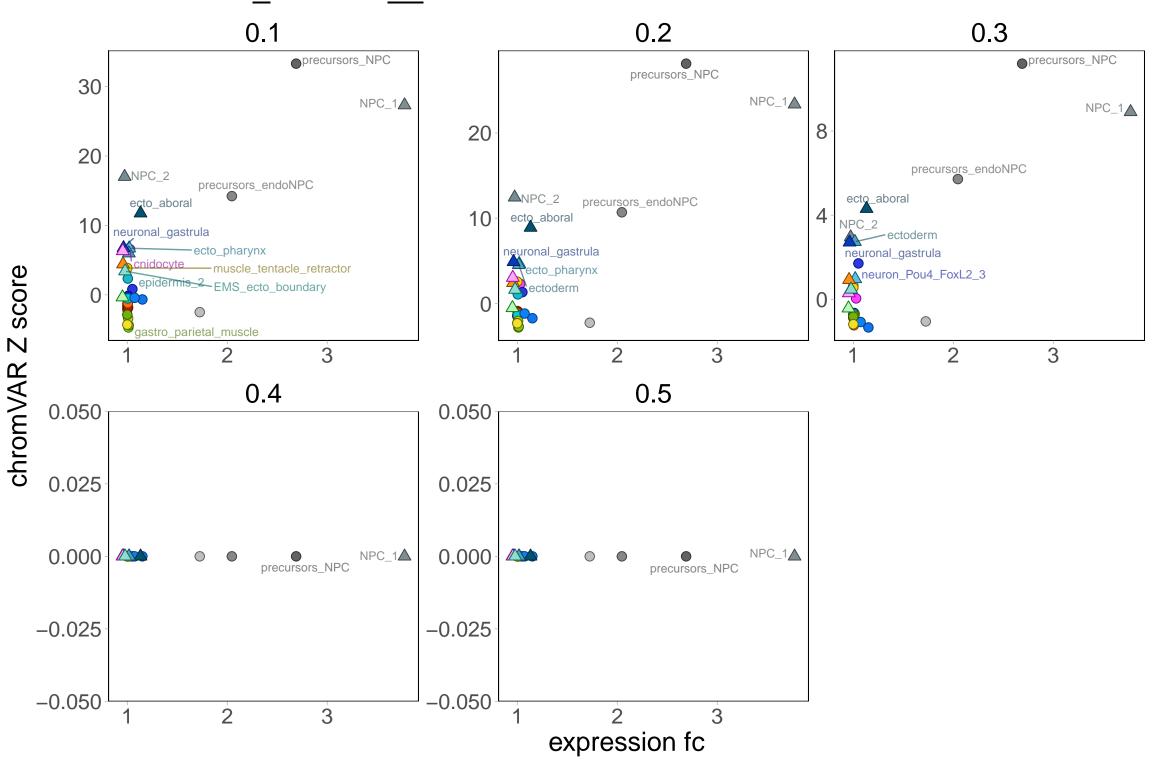
Myc2 (Nvec\_vc1.1\_XM\_001640809.3) HLH.HG1.29:MYC/MYCL/MYCN ARCH783\_bHLH18\_\_MNT



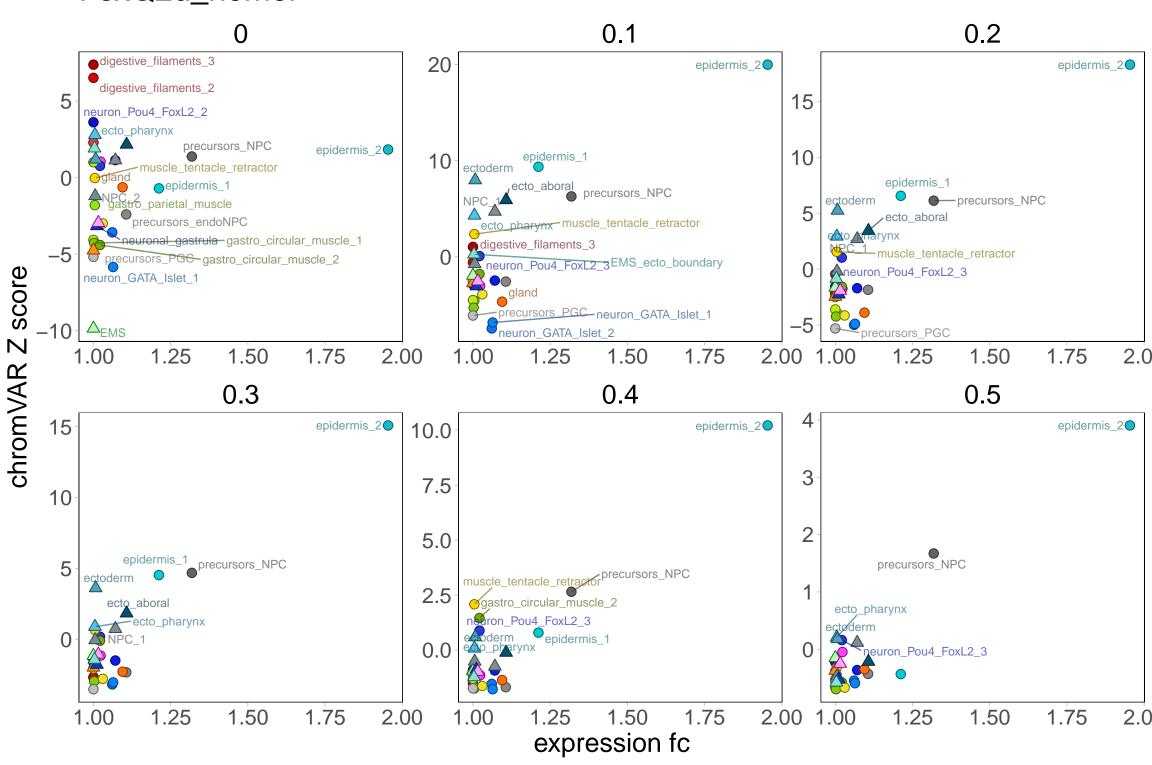
Hes2 (Nvec\_vc1.1\_XM\_032384889.2) HLH.HG1.63:like:HES5/HES7 Hes2\_dimont



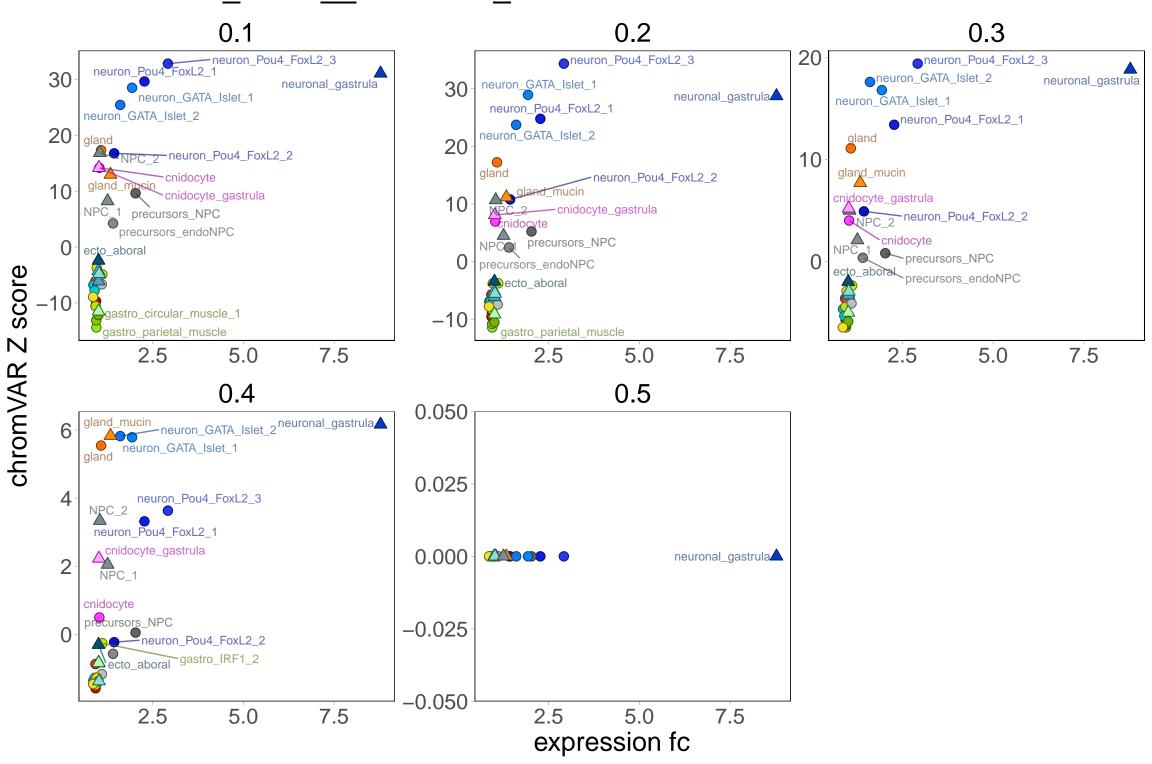
Ath-like (Nvec\_vc1.1\_XM\_032376421.2)
HLH.HG1.80:like:NEUROD1/NEUROD2/NEUROD4/NEUROD6
ARCH783\_bHLH18\_\_MNT



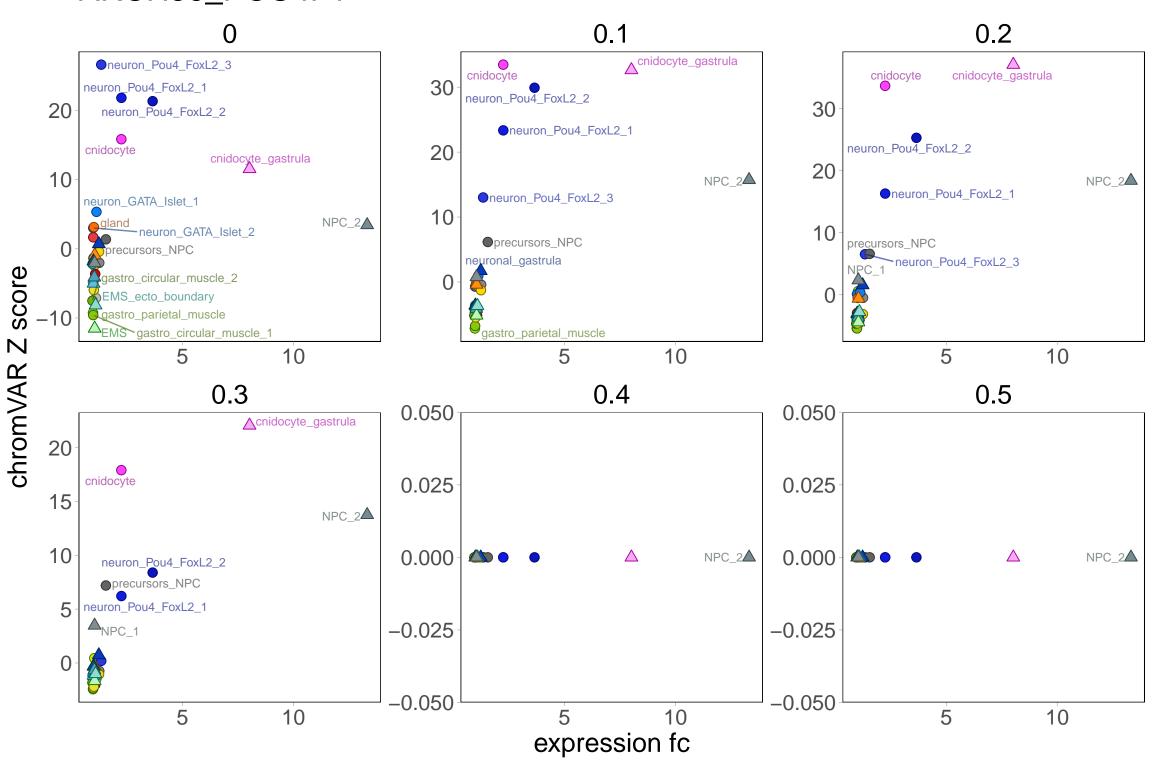
FoxQ2d (Nvec\_vc1.1\_XM\_032385706.2) Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2 FoxQ2d\_homer



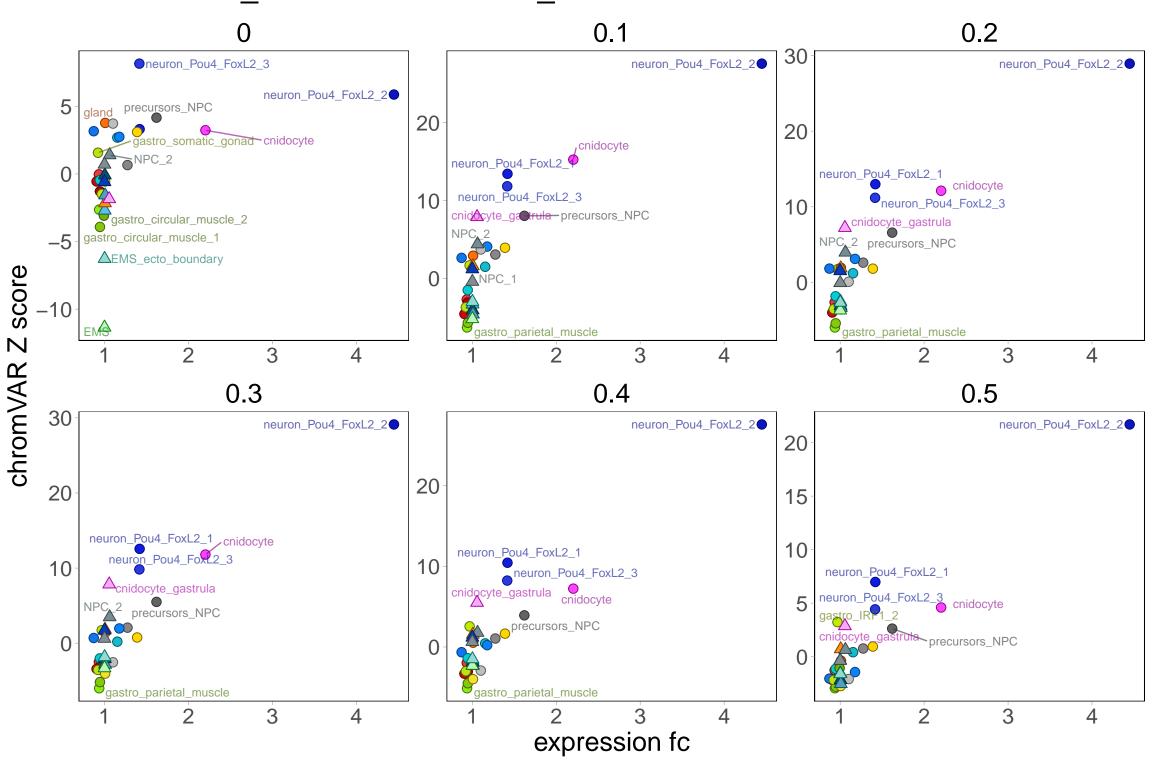
AshA (Nvec\_vc1.1\_XM\_032370984.2) HLH.HG1.58:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5 ARCH867\_ZEB1\_\_PL0011.1\_hlh-...



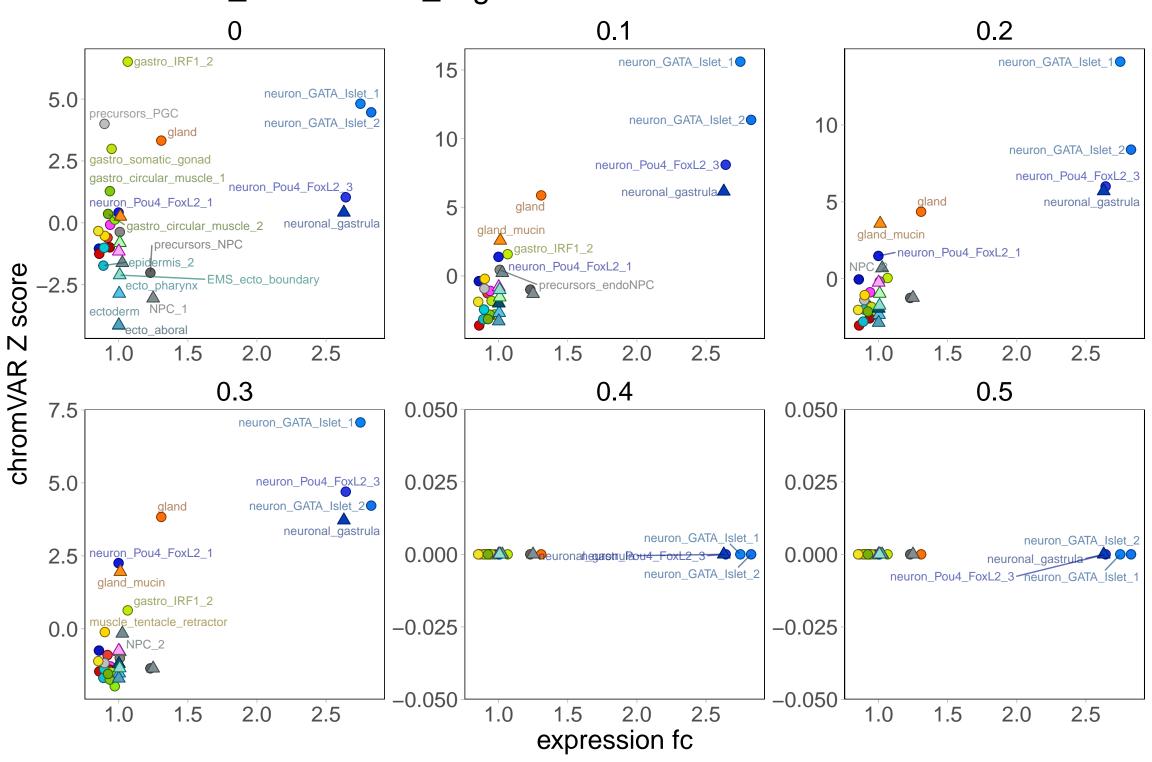
Pou4 (Nvec\_vc1.1\_XM\_032363992.2) Homeodomains.HG4.6:POU4F1/POU4F2/POU4F3 ARCH56\_POU4F1



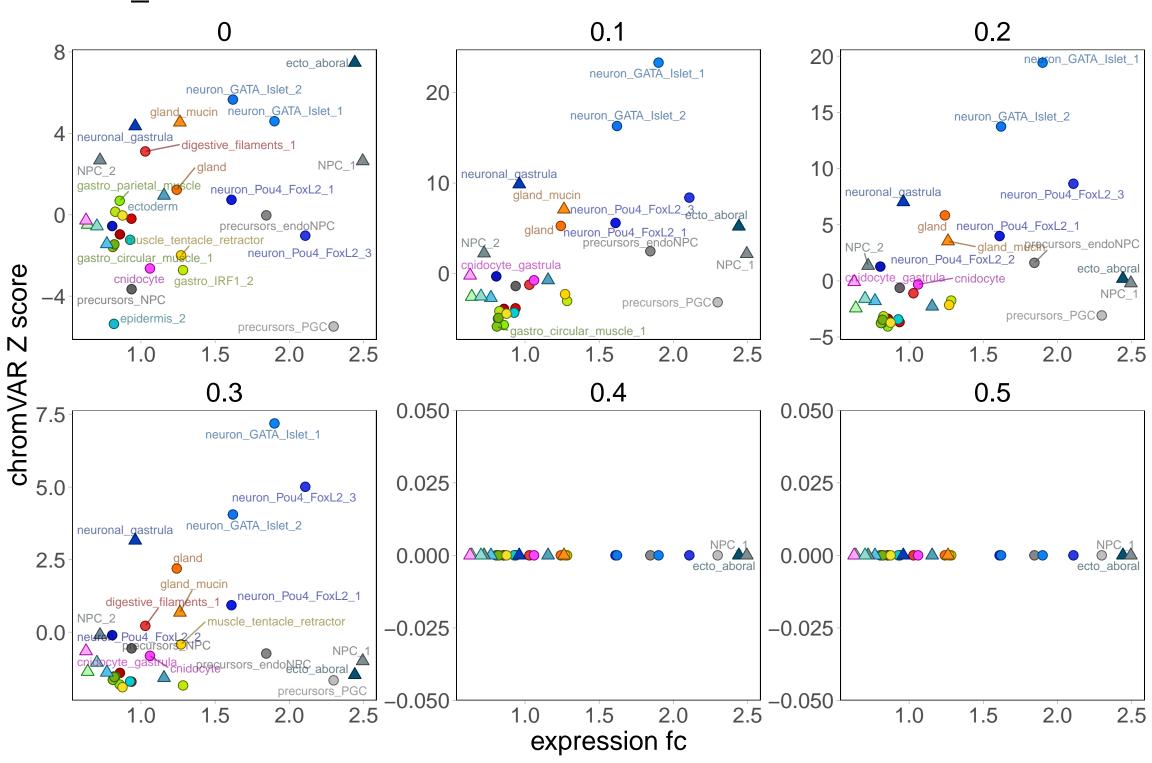
FoxL2 (Nvec\_vc1.1\_XM\_032364887.2) Forkhead.HG1.20:FOXL2 ARCH1102\_Foxa3/Foxa1/Foxa2\_...



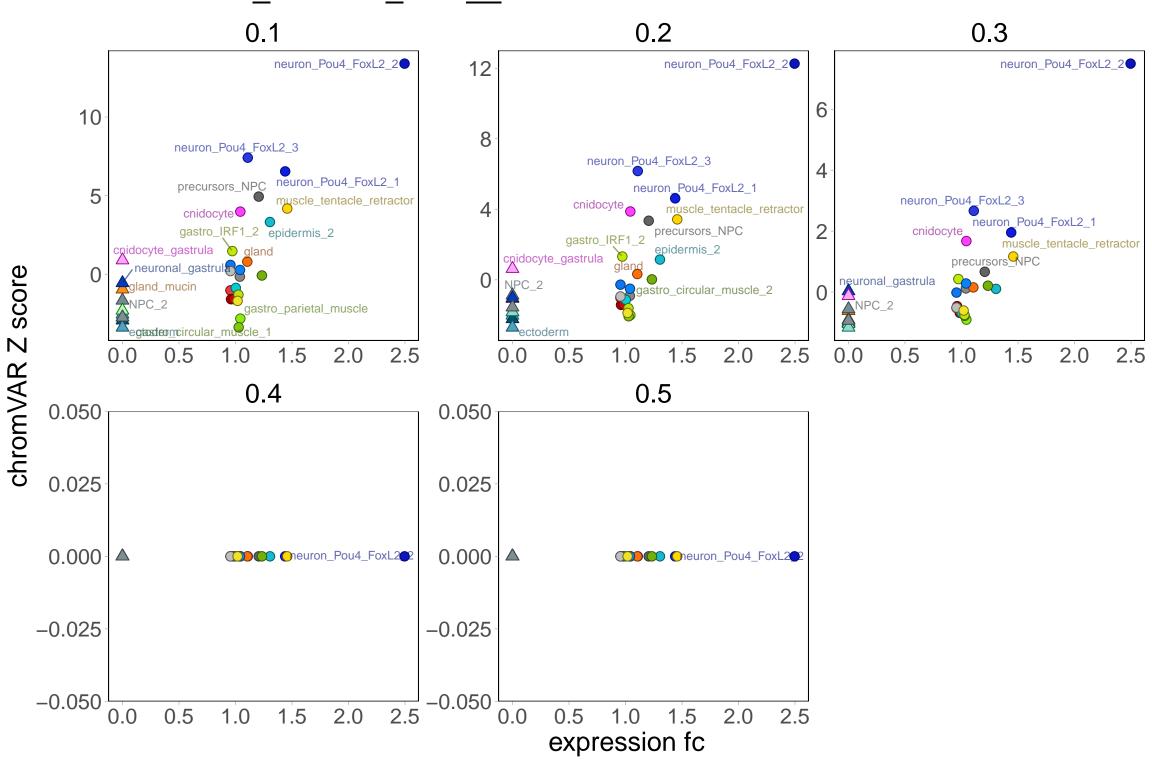
Pea3/Ets (Nvec\_vc1.1\_XM\_032377897.2) Ets.HG1.3:ETV1/ETV4/ETV5 ARCH593\_Elf3/Ehf/Elf5\_Erg/F...



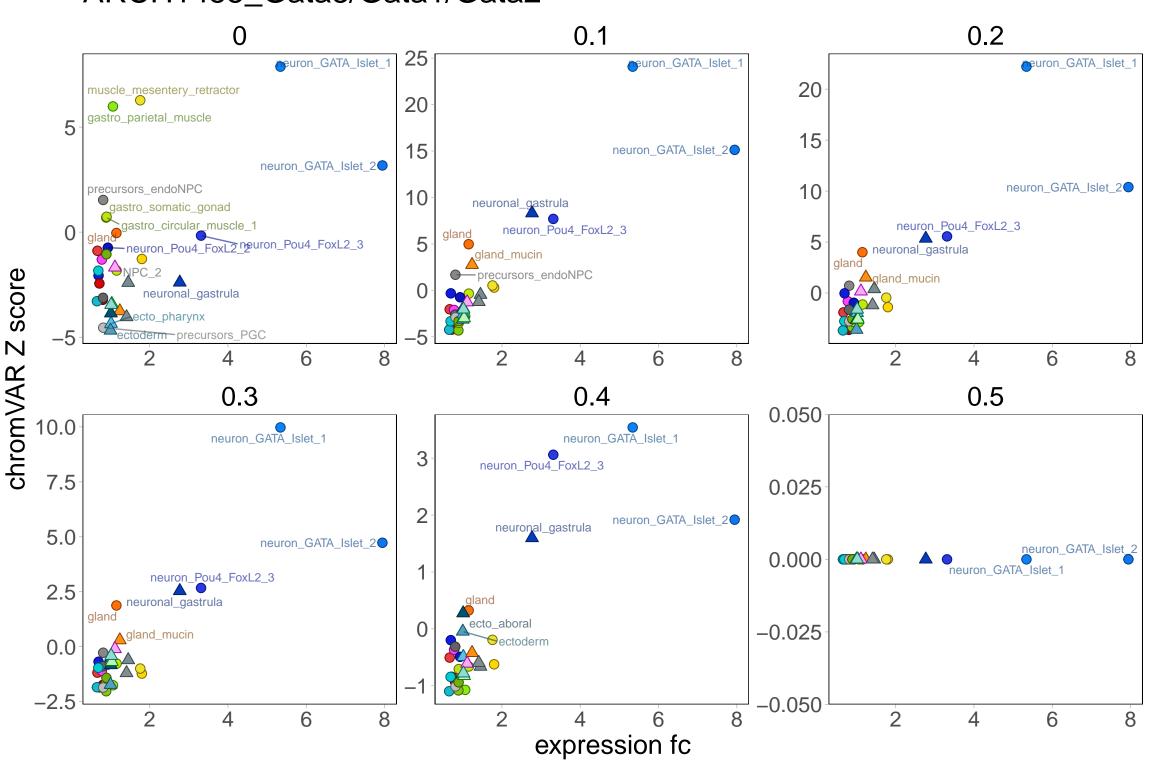
Islet (Nvec\_vc1.1\_XM\_032362713.2) Homeodomains.HG2.19:ISL1/ISL2 Islet\_homer



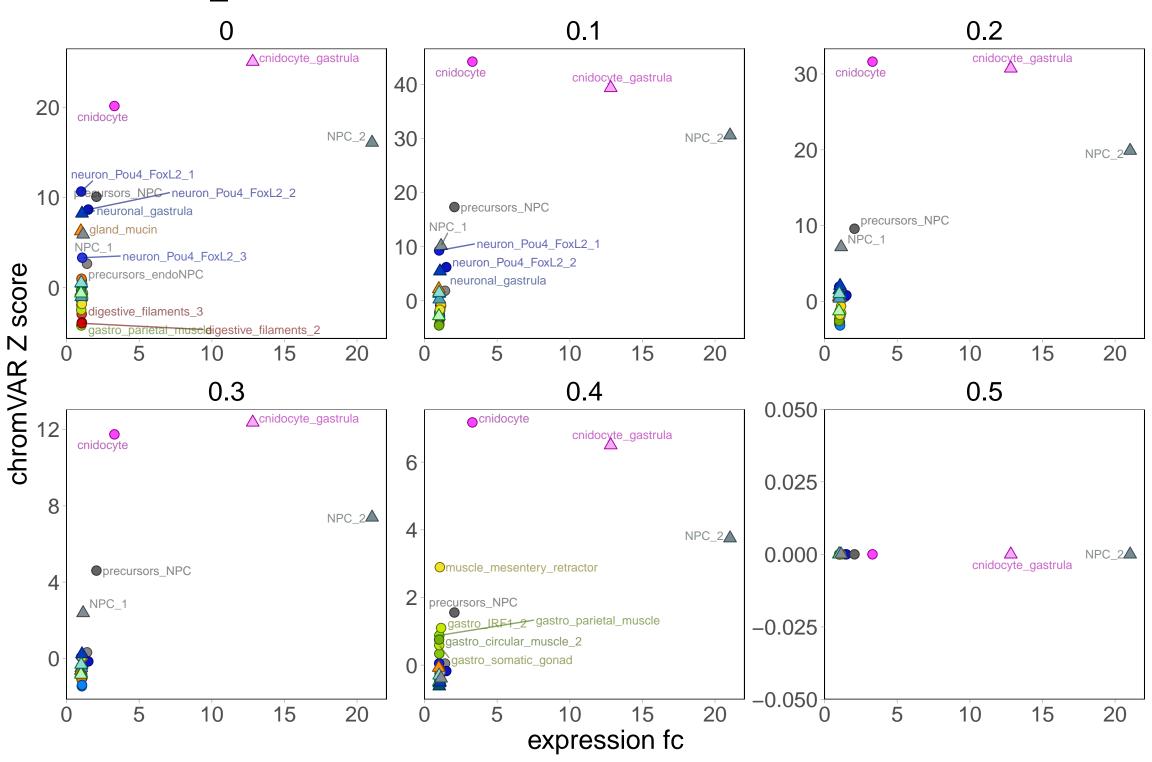
Zic-C (Nvec\_vc1.1\_XM\_048728976.1) zf-C2H2.HG4.5:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5 ARCH353\_M06062\_2.00\_\_M06468...



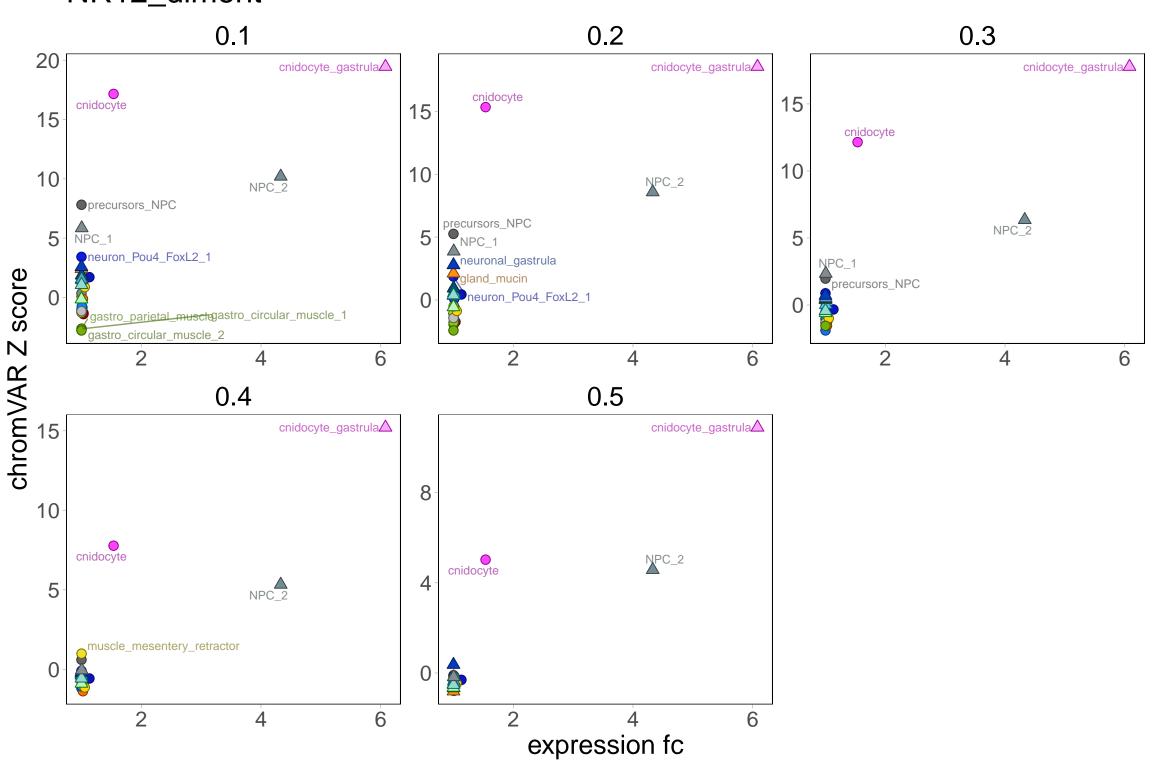
GATA (Nvec\_vc1.1\_XM\_032367288.2)
GATA.HG1.5:GATA1/GATA2/GATA3/GATA4/GATA5/GATA6/TRPS1
ARCH1455\_Gata3/Gata1/Gata2



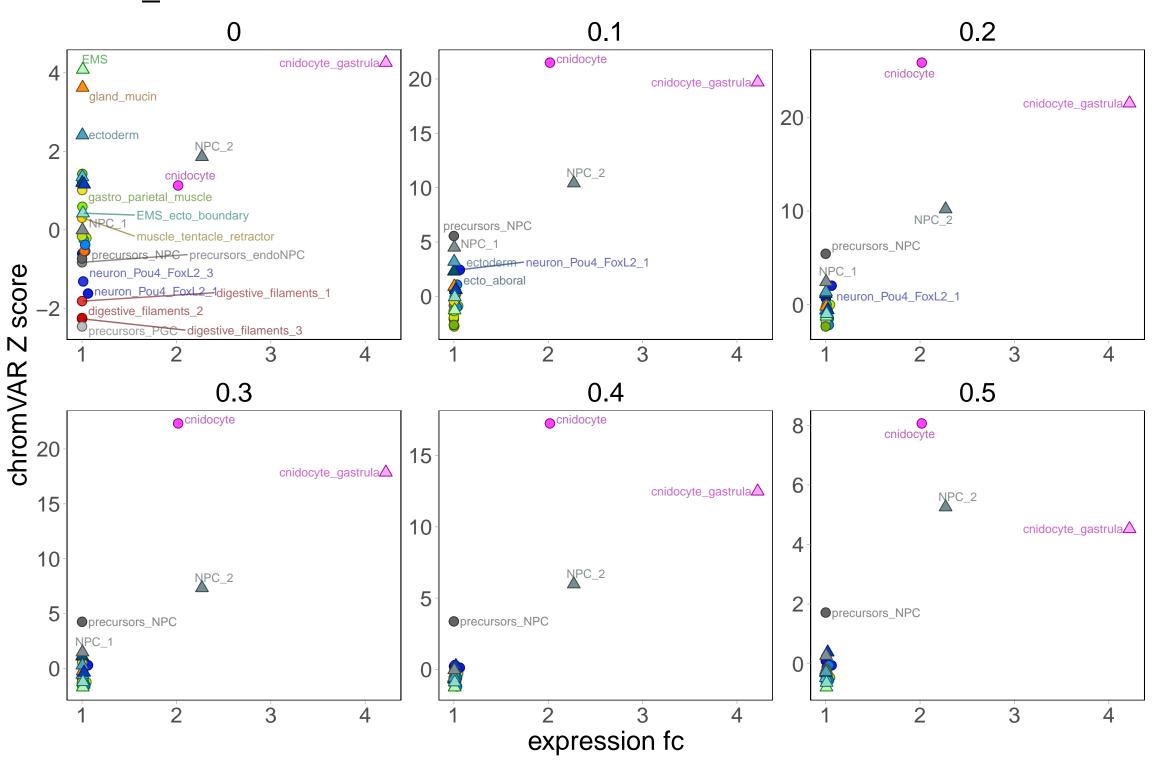
ZNF845 (Nvec\_vc1.1\_XM\_001641129.3) zf-C2H2.HG3.8:like:ZNF770 ARCH861\_Scrt2/Scrt1



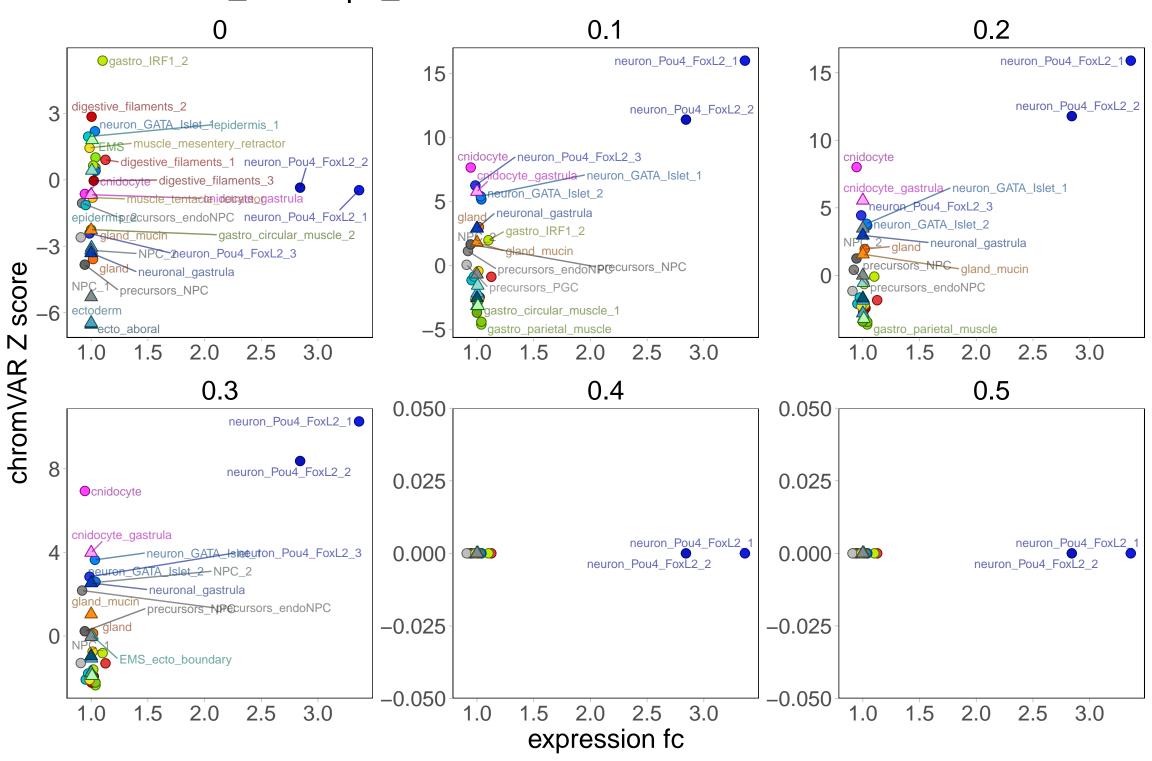
NR12 (Nvec\_vc1.1\_XM\_001634328.3) zf-C4\_Nuclear\_receptors.HG1.24:like:NR2F1/NR2F2/NR2F6 NR12\_dimont



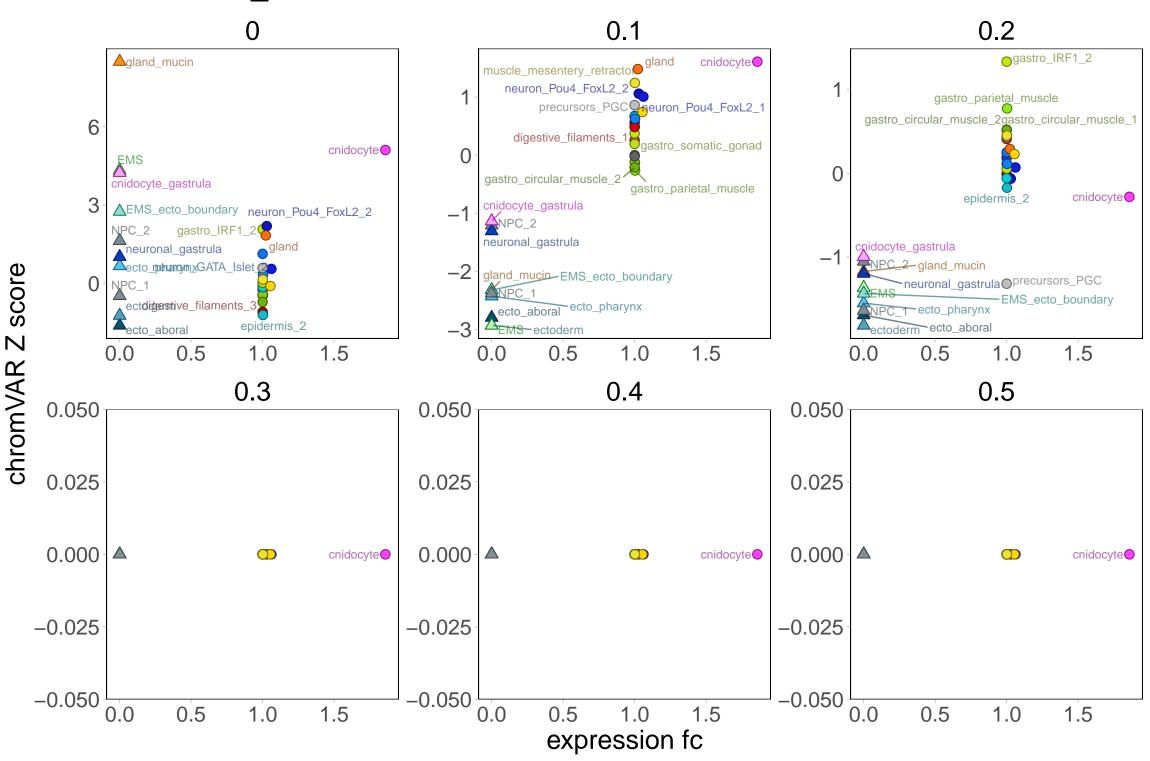
PaxA (Nvec\_vc1.1\_XM\_001631763.3) Homeodomains.HG2.49:like:PAX1/PAX9 PaxA\_streme



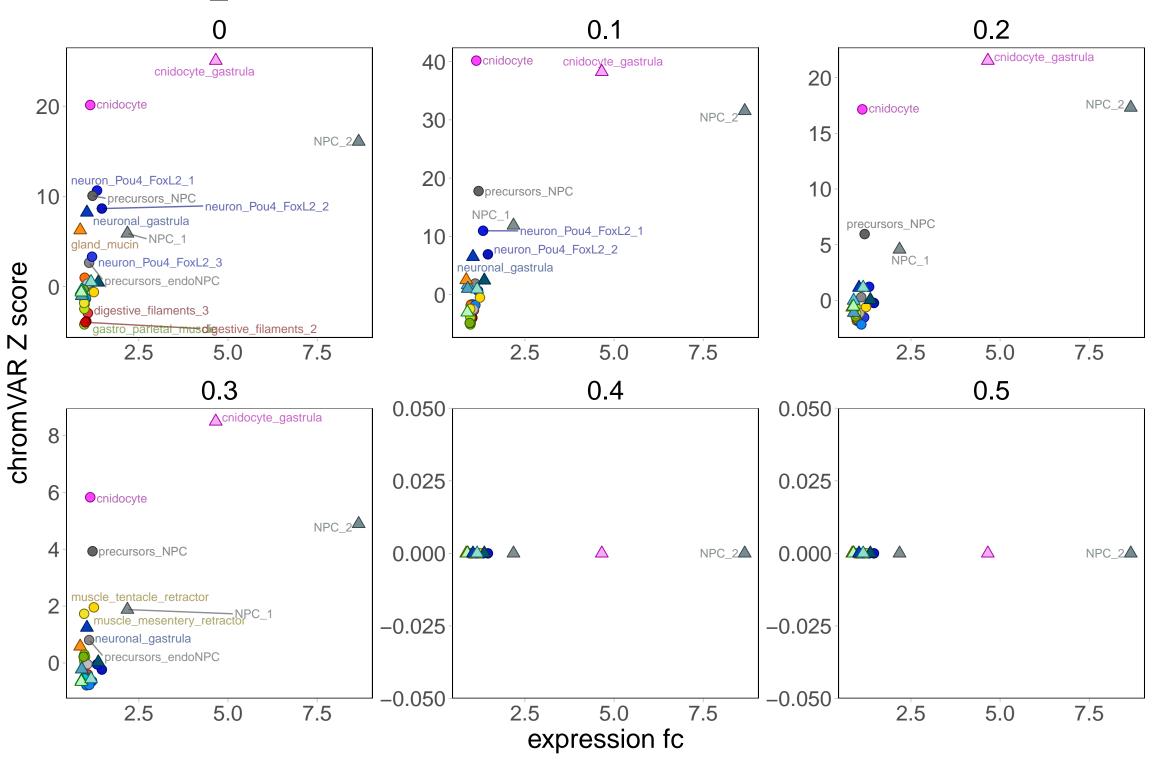
Cnido-Fos1 (Nvec\_vc1.1\_XM\_048730161.1) bZIP.HG1.9:like:ATF3/ATF4/ATF5/FOS/FOSB/FOSL1/FOSL2/JDP2 ARCH1620\_Atf3/Jdp2\_Creb3l2/...



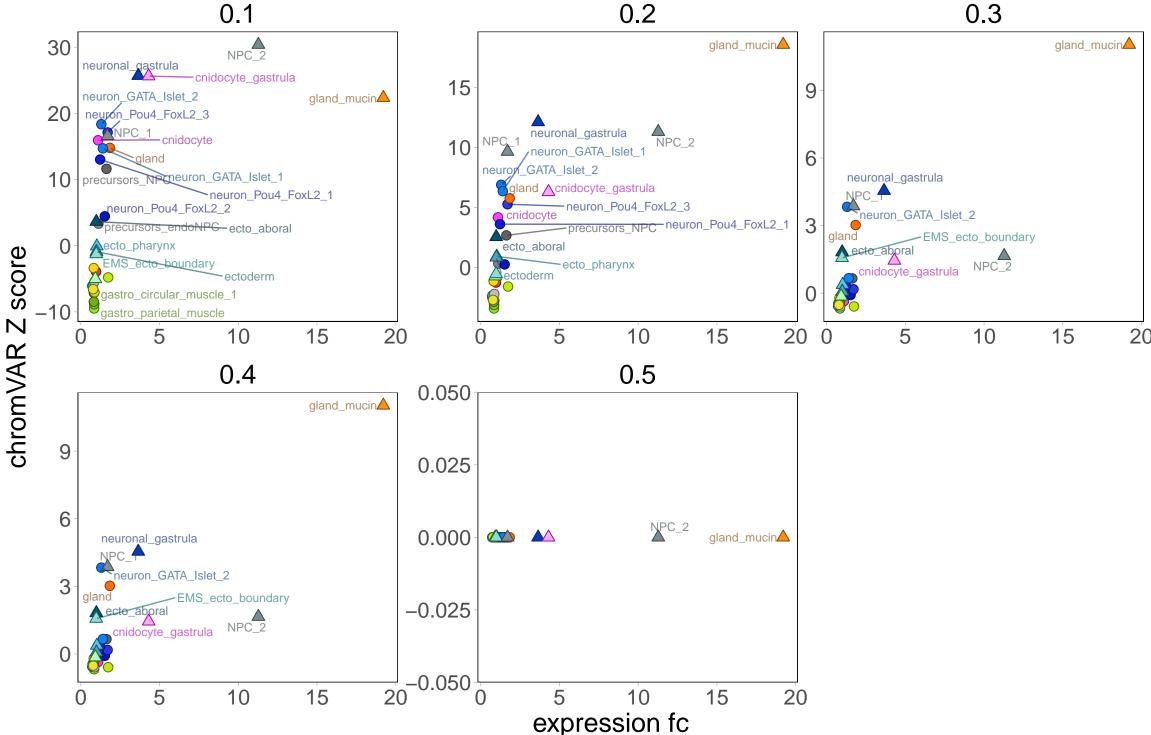
Cnido-Jun (Nvec\_vc1.1\_XM\_032385896.2) bZIP.HG1.6:JUN/JUNB/JUND ARCH947\_Creb3l2/Creb3l1



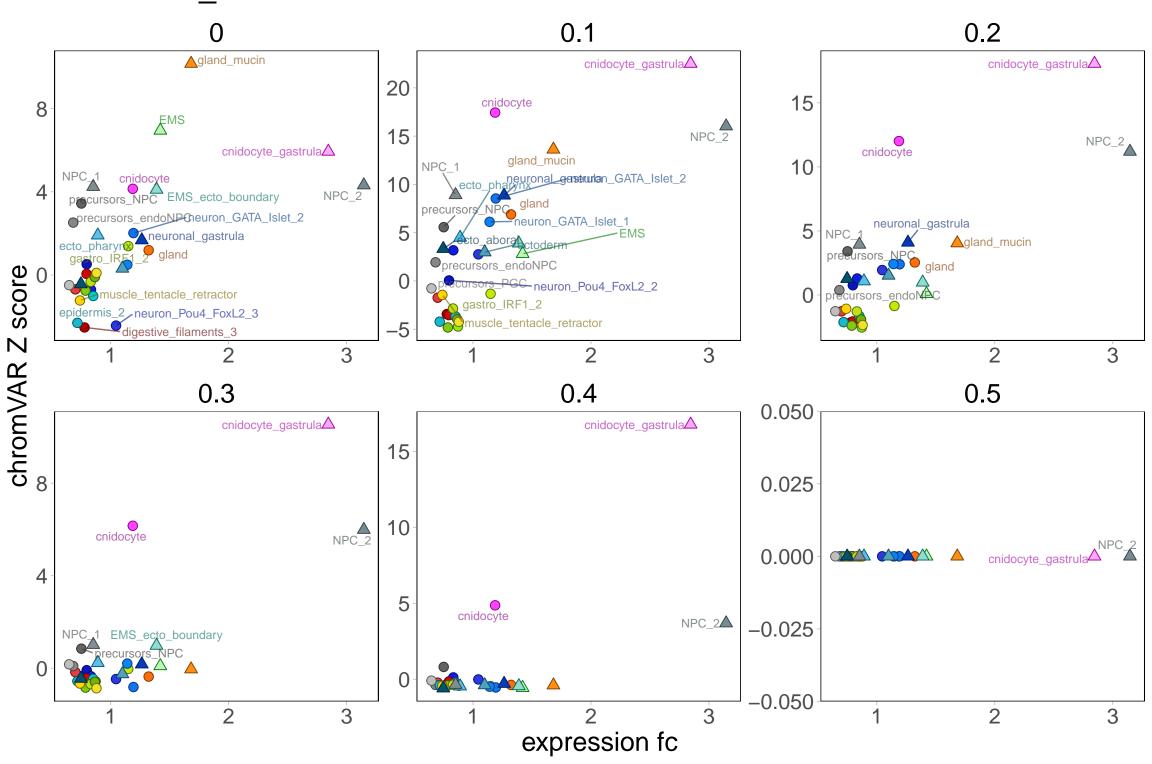
Klf13 (Nvec\_v1g19278) zf-C2H2.HG2.12:KLF9/KLF13/KLF14/KLF16 ARCH861\_Scrt2/Scrt1



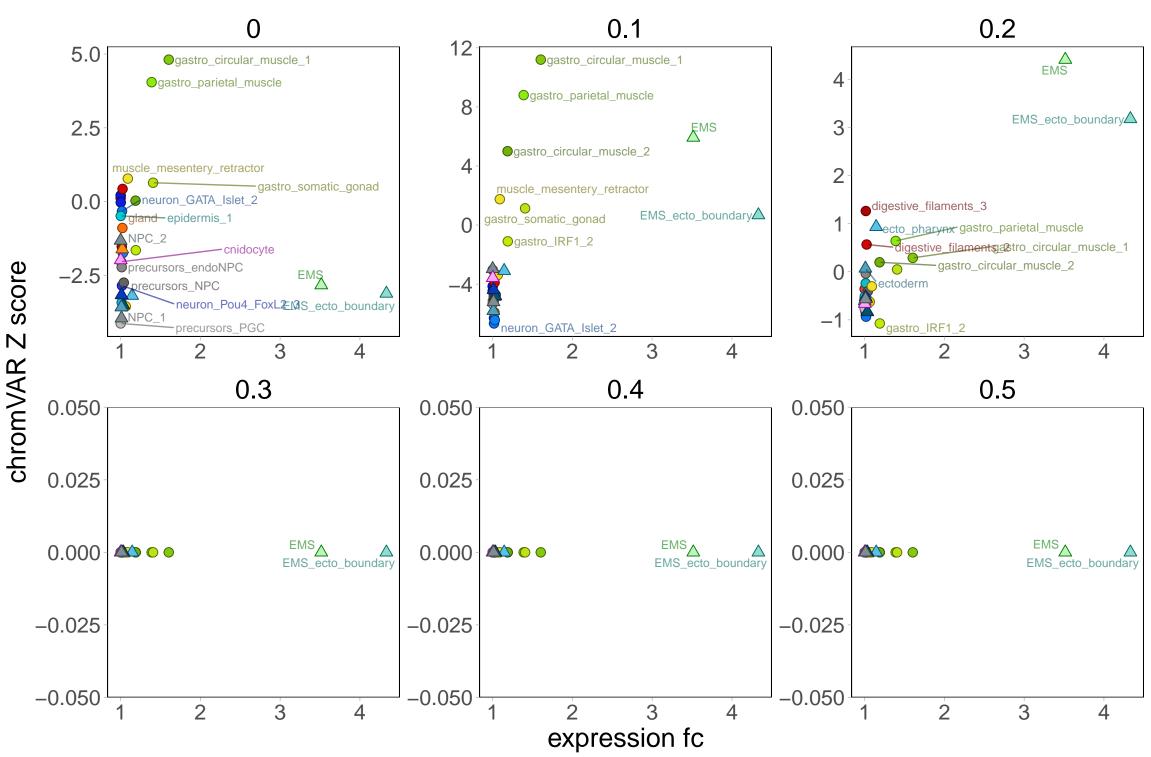
BHMG1 (Nvec\_vc1.1\_XM\_001633819.3) HLH.HG1.3:BHMG1 ARCH867\_ZEB1\_\_PL0011.1\_hlh-... 0.1 0.2



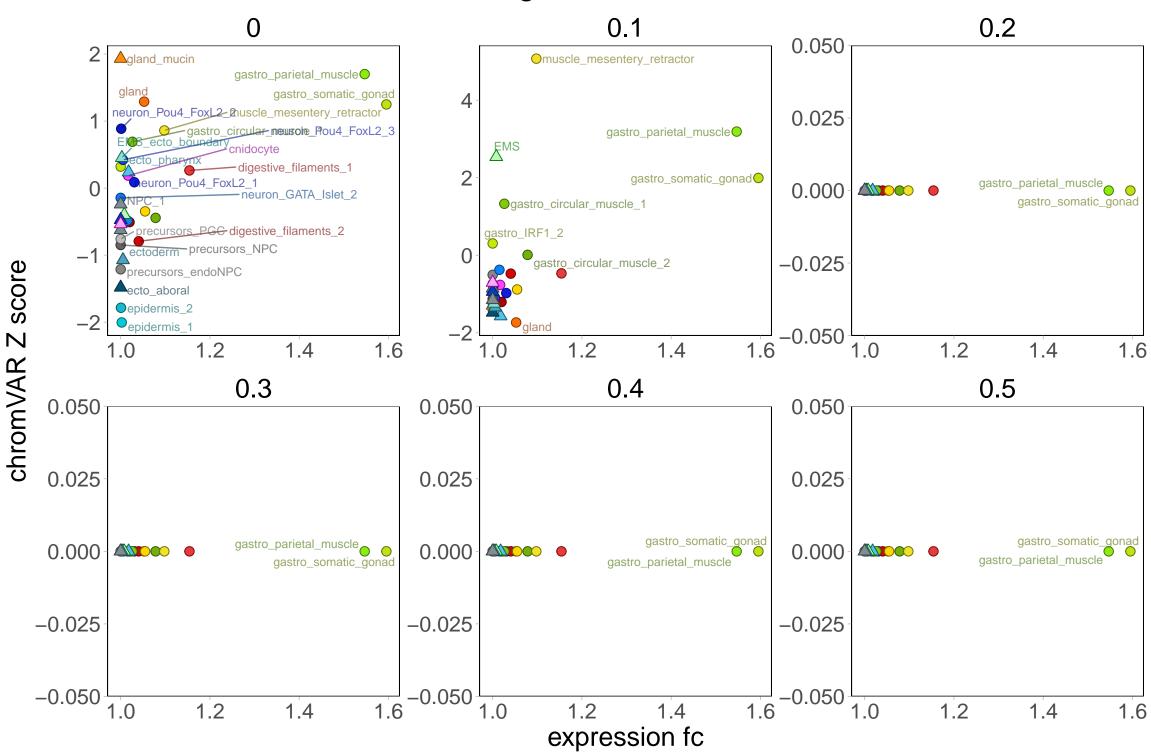
XBP1 (Nvec\_vc1.1\_XM\_001629694.3) bZIP.HG1.16:XBP1 ARCH949\_bZIP48



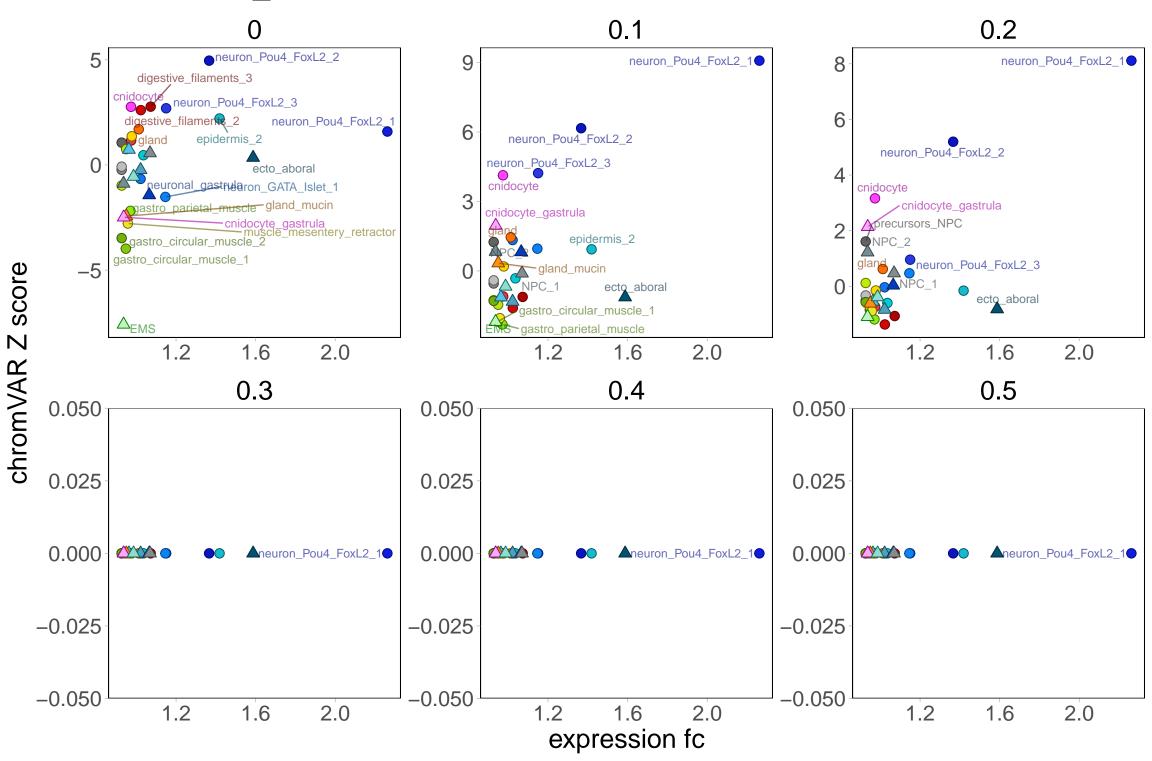
Hand2 (Nvec\_vc1.1\_XM\_032381908.2) HLH.HG1.66:like:HAND1/HAND2 ARCH539\_PL0004.1\_hlh-27



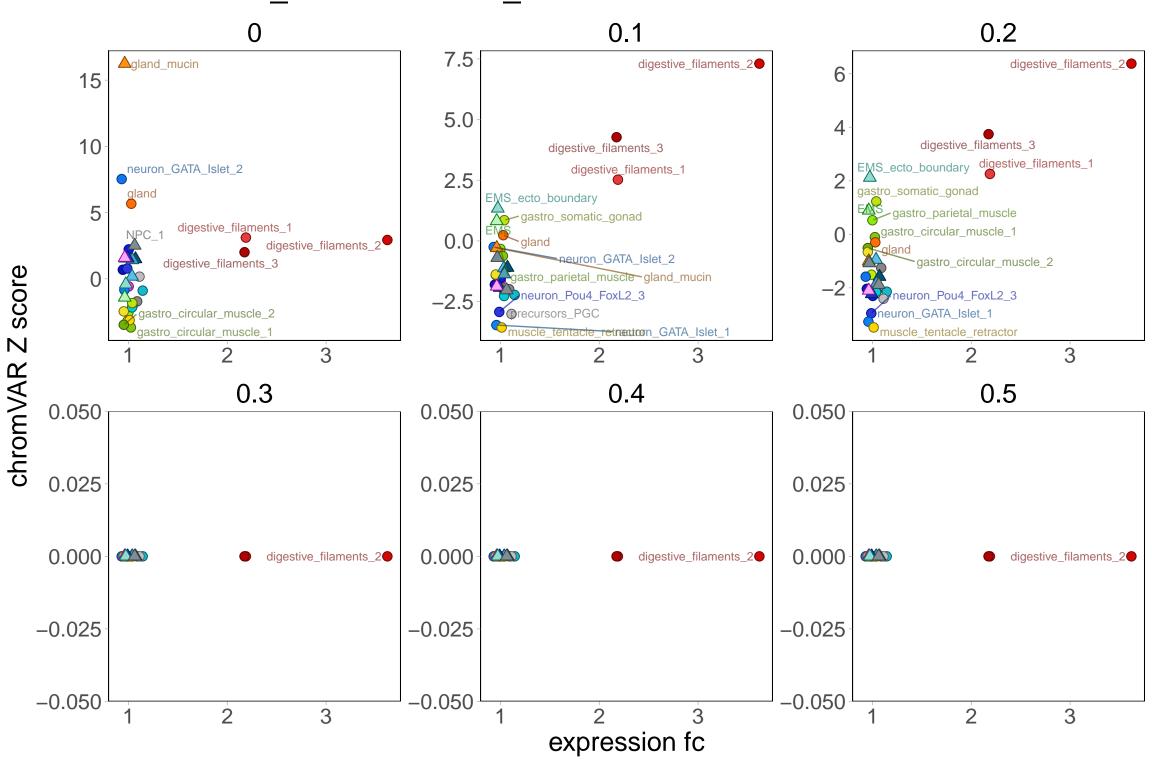
FoxC (Nvec\_vc1.1\_XM\_001625950.3) Forkhead.HG1.10:FOXC1/FOXC2 ARCH964\_Foxc2/Foxc1\_Foxg1/G...



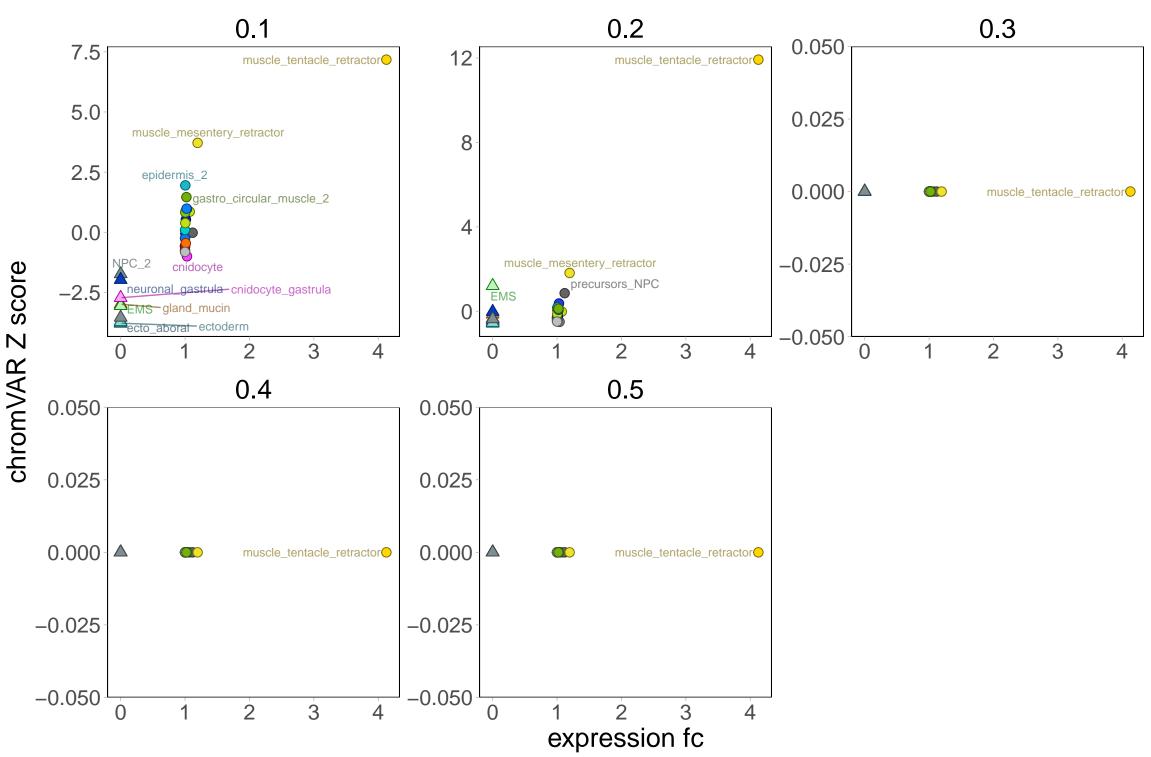
FoxJ1 (Nvec\_vc1.1\_XM\_001636889.3) Forkhead.HG1.24:FOXJ1 ARCH975\_Foxd2/Foxd4/Foxd3/F...



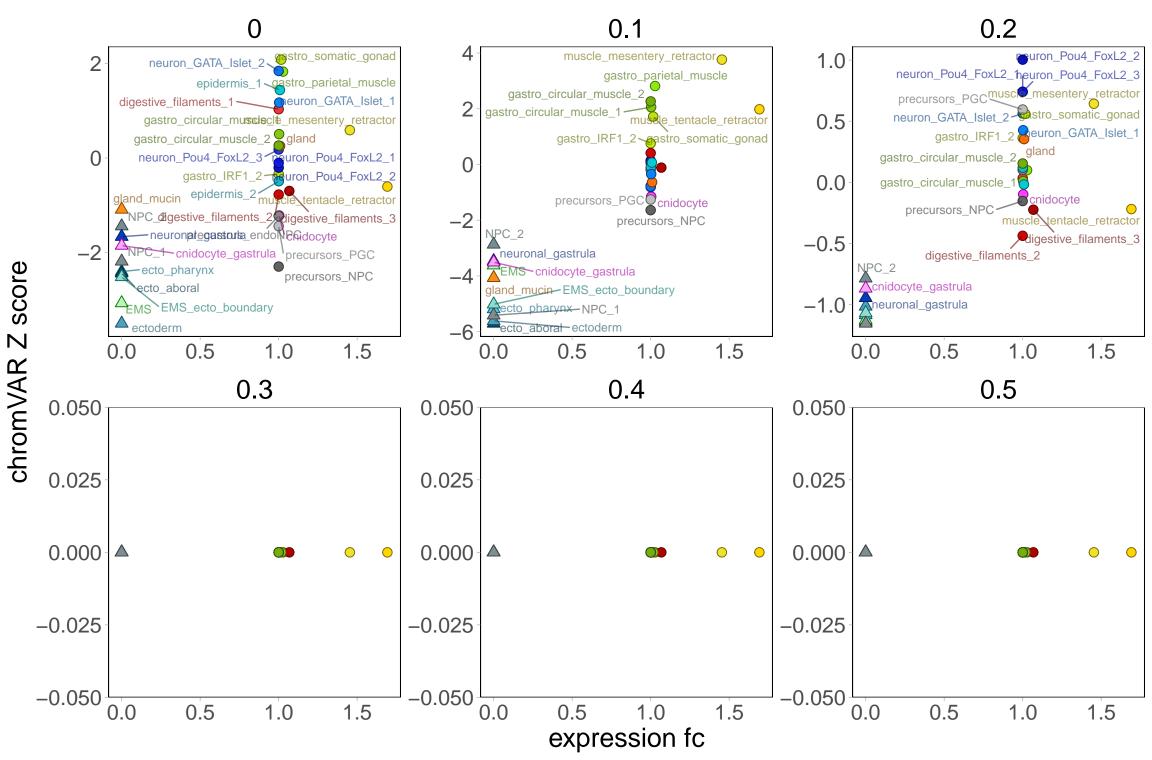
Rfx4/6/8 (Nvec\_vc1.1\_XM\_032365096.2) RFX.HG1.7:RFX6 ARCH1359\_Rfx1/Rfx3/Rfx2\_Rfx6



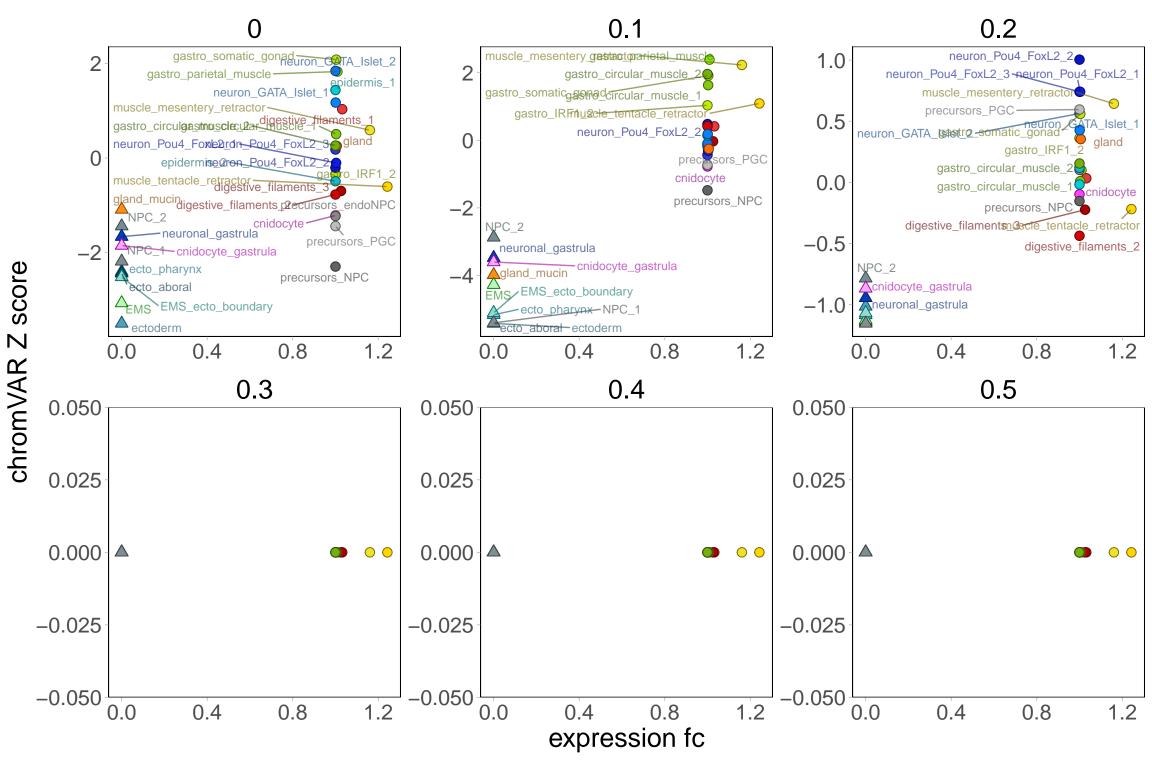
Nem64 (Nvec\_vc1.1\_XM\_001634938.2) HLH.HG1.93:like:SCX/TCF15 ARCH144\_BHLHE23



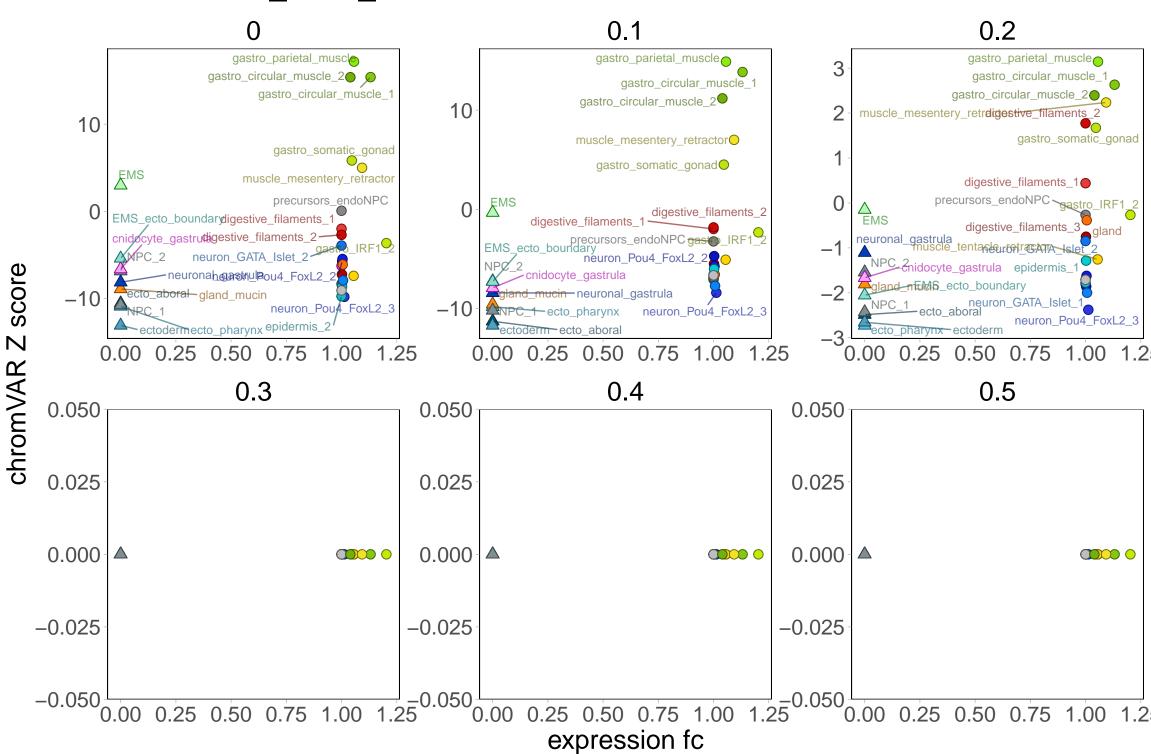
Nem24 (Nvec\_vc1.1\_XM\_032385184.2) HLH.HG1.93:like:SCX/TCF15 ARCH144\_BHLHE23



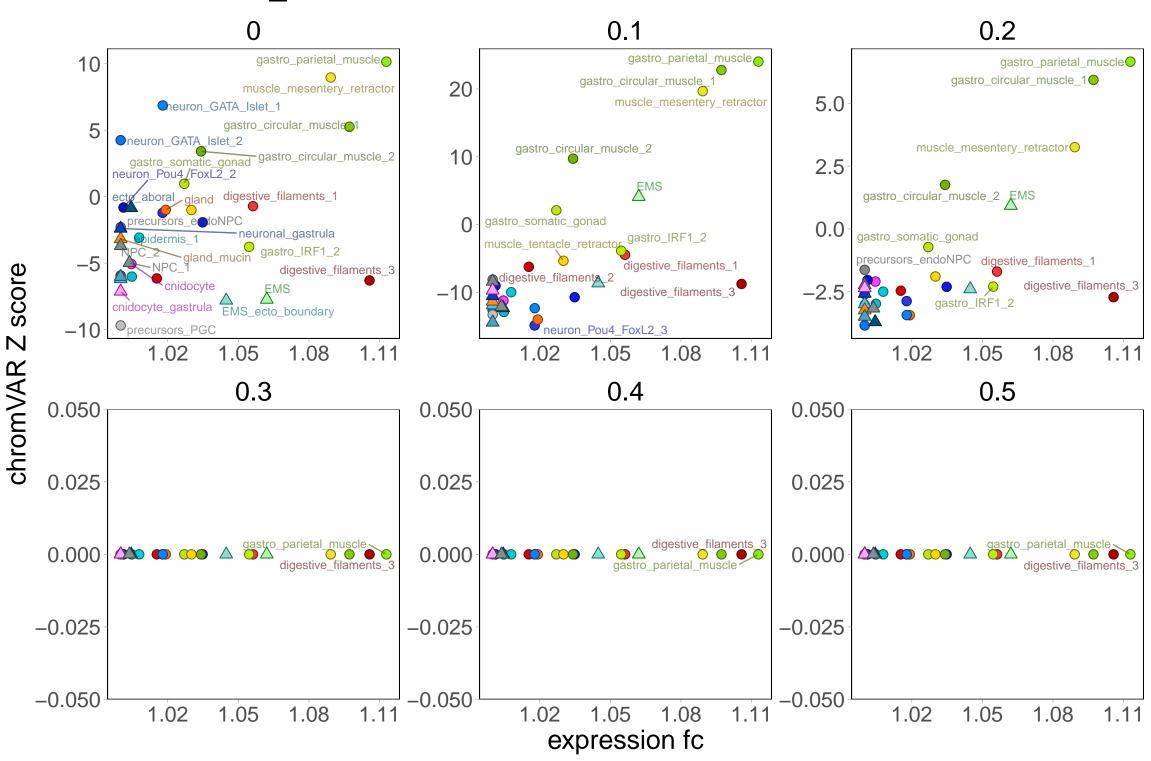
Nem7 (Nvec\_vc1.1\_XM\_032385185.2) HLH.HG1.93:like:SCX/TCF15 ARCH144\_BHLHE23



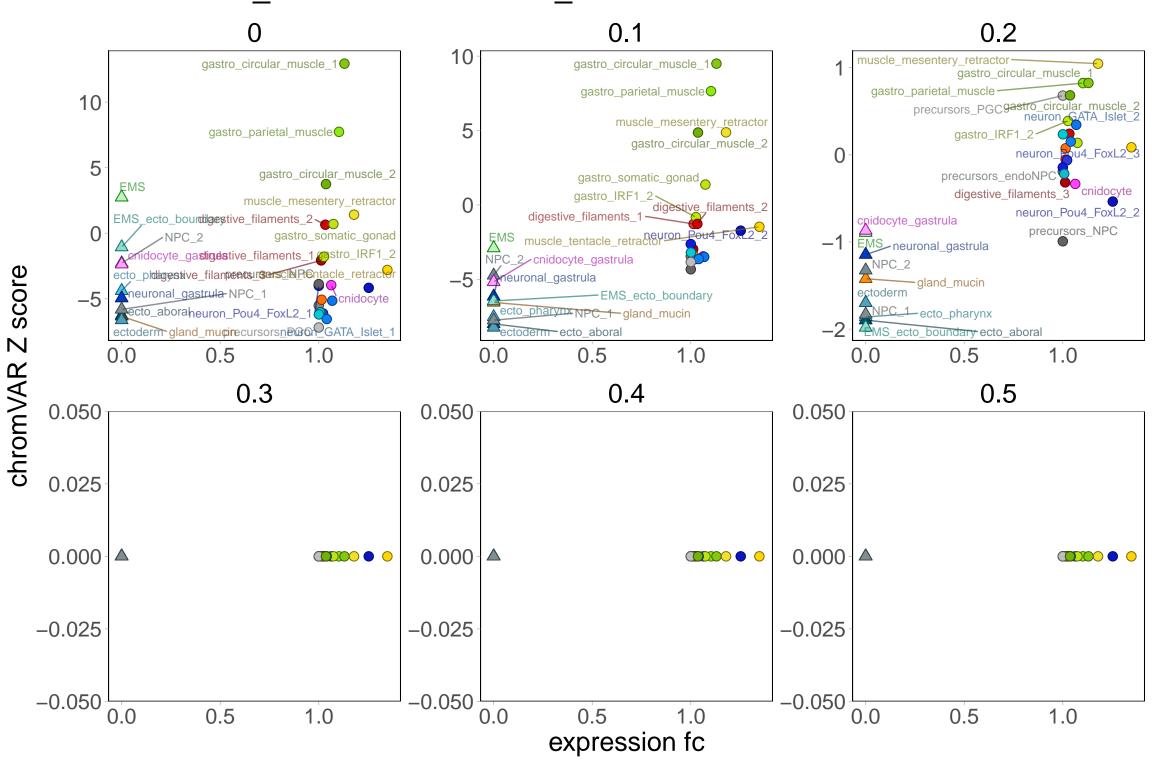
BarH-Like3 (Nvec\_vc1.1\_XM\_032384965.2) Homeodomains.HG1.39:BARHL1/BARHL2 ARCH1362\_Six1/\_Six4/Six5



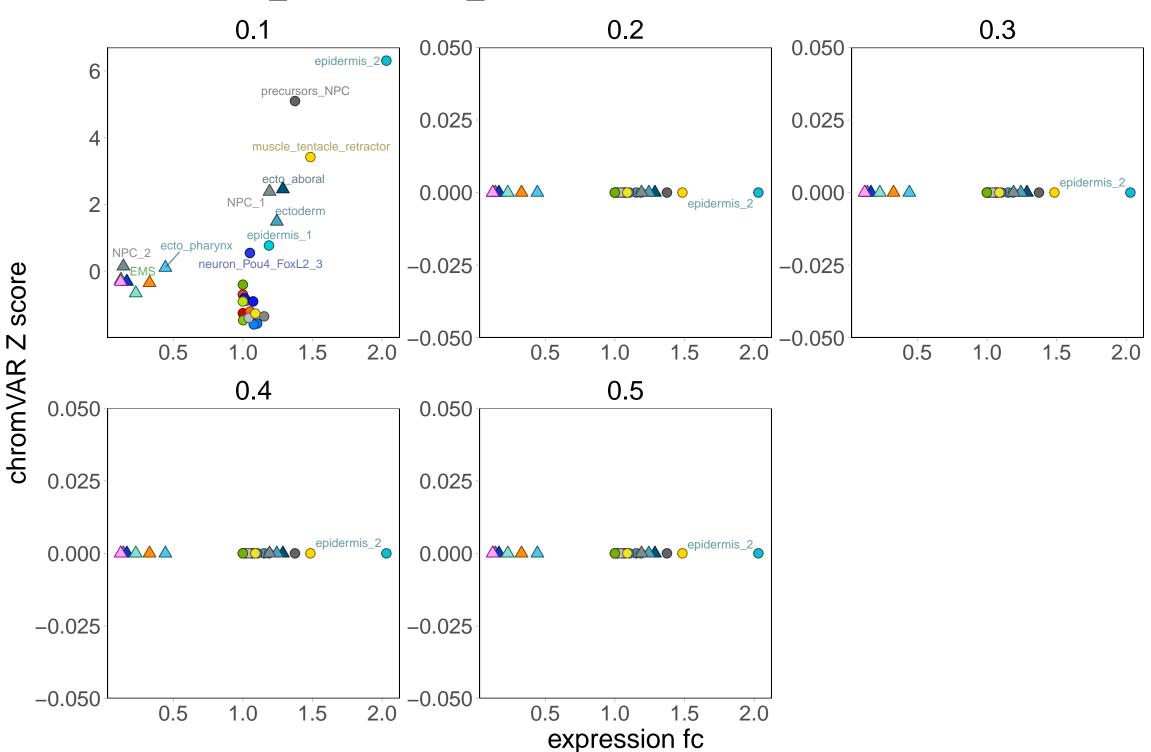
VAx-EMX-Like (Nvec\_vc1.1\_XM\_032377358.2) Homeodomains.HG1.42:VAX1/VAX2 ARCH1552\_Pbx4/Pbx2/Pbx1



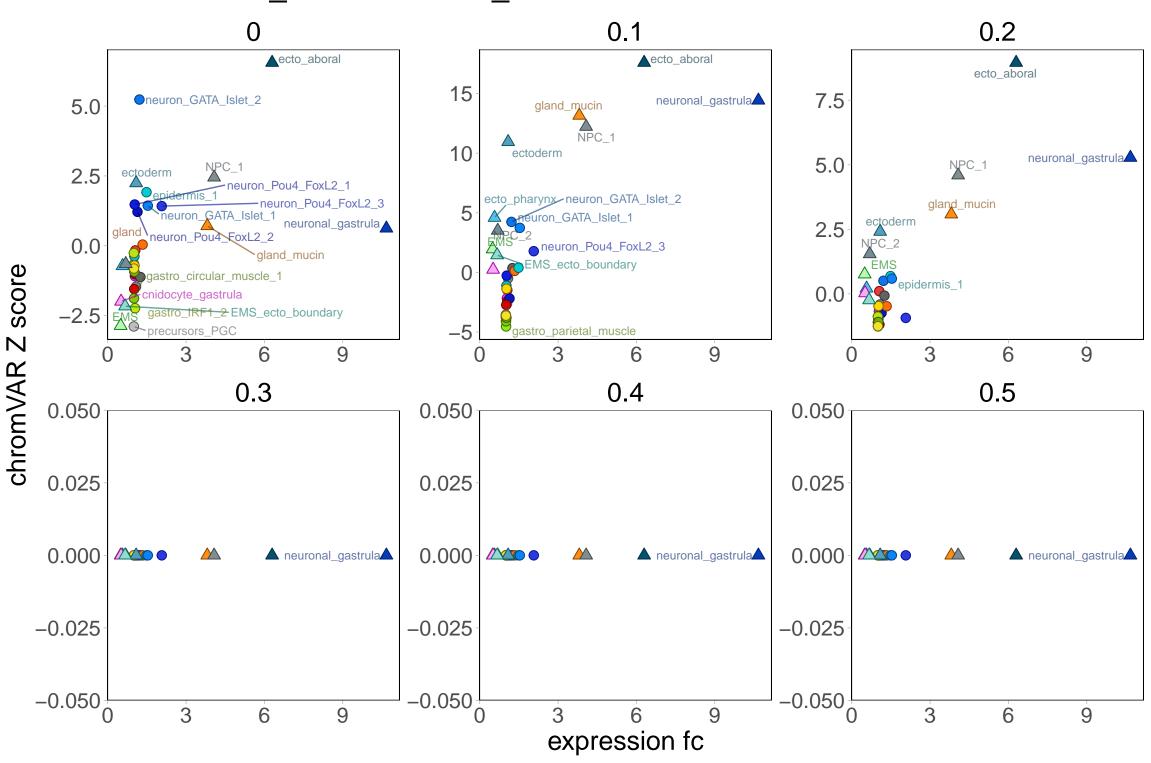
TBX20 (Nvec\_vc1.1\_XM\_001629218.3) T-box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22 ARCH862\_Tbx18/Tbx22/Tbx15\_T...



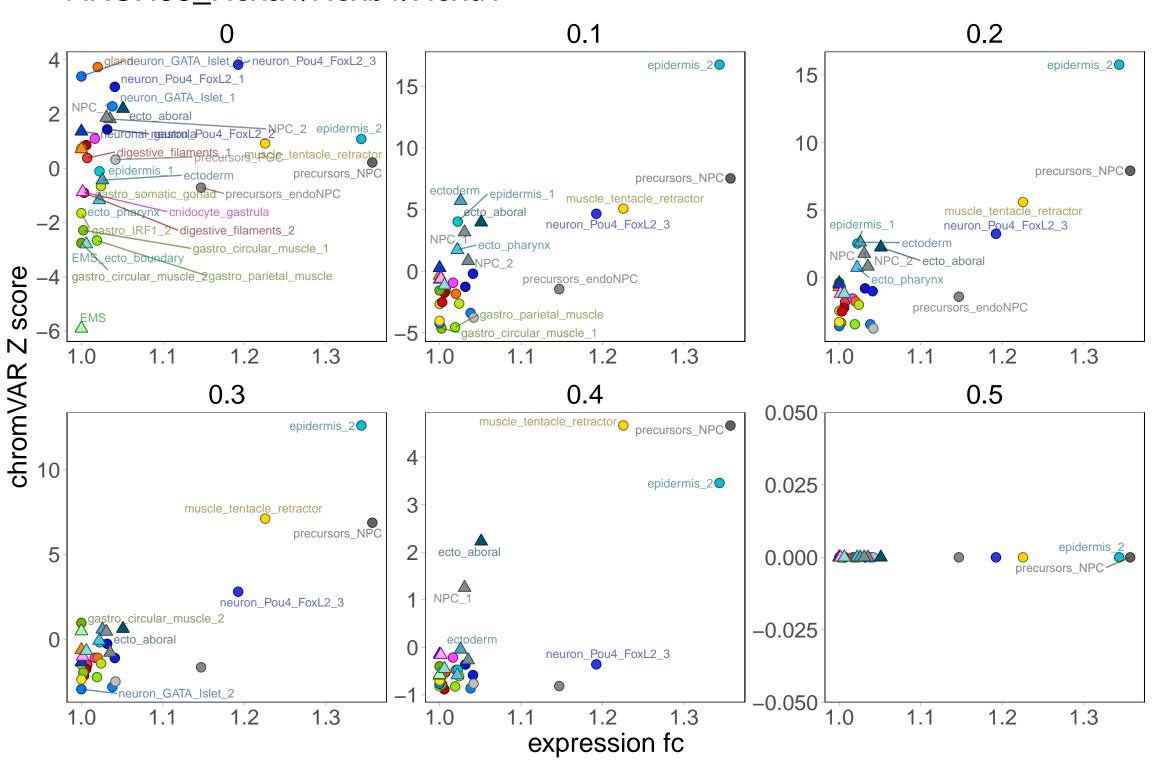
SoxB2/Sox3 (Nvec\_NVE23841) HMGbox\_Sox.HG1.34:SRY ARCH1153\_/Sox4/Sox11\_Sox13/...



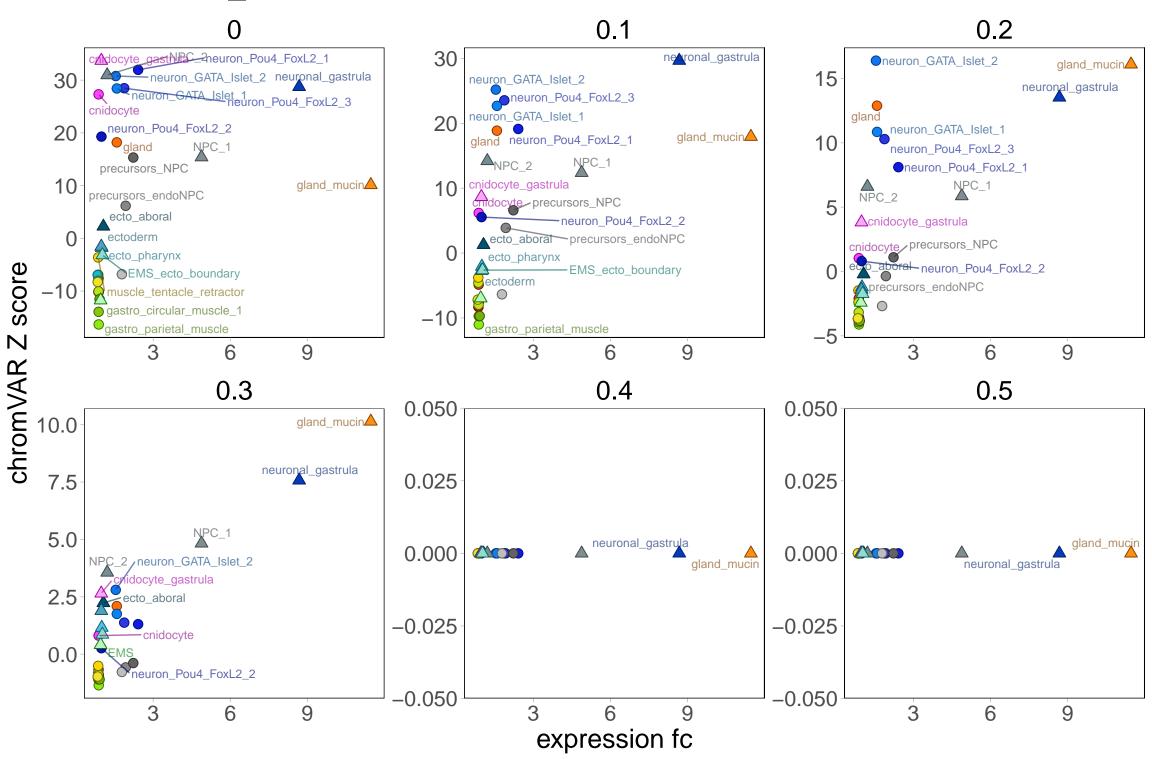
Anthox1/Ax1 (Nvec\_vc1.1\_XM\_032366733.2)
Homeodomains.HG1.68:AC004080.3/AC012531.3/CDX1/CDX2/CDX4/HCARCH1028\_Alx3/Alx4/Alx1\_Bar...



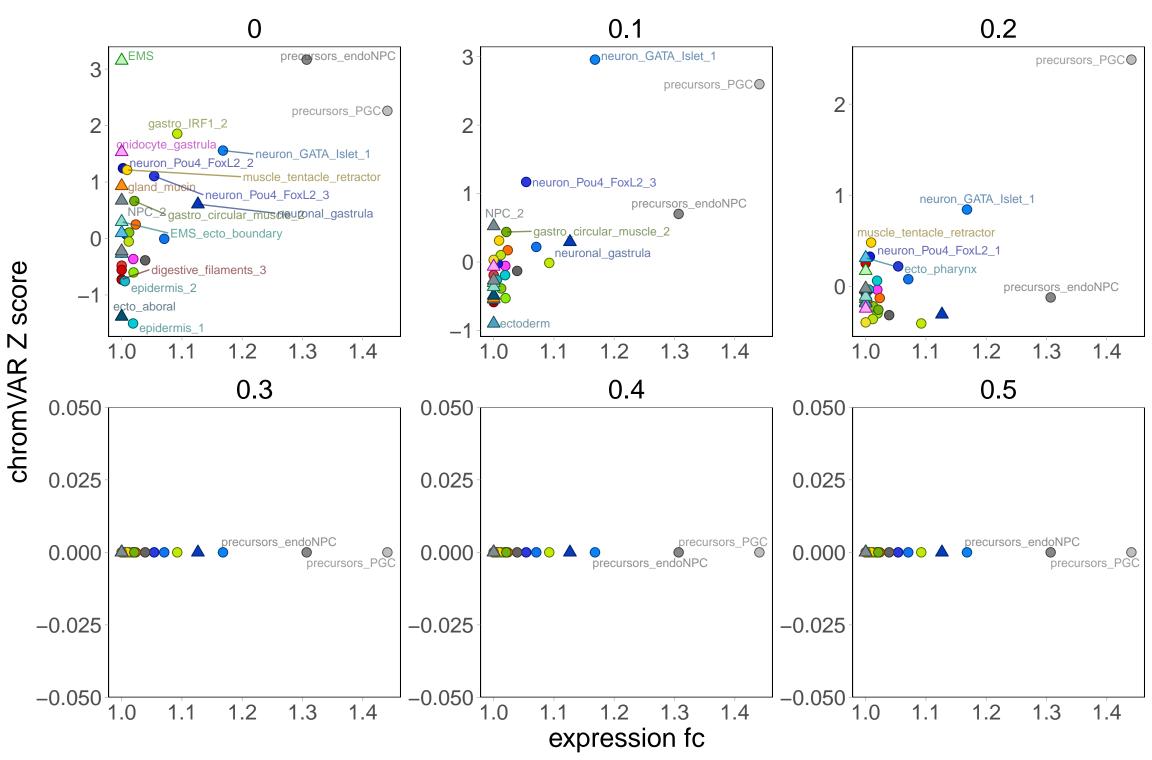
## Anthox6/Ax6 (Nvec\_vc1.1\_XM\_001634202.3) Homeodomains.HG1.58:HOXA1/HOXB1/HOXD1 ARCH33\_Hoxa1/Hoxb1/Hoxd1



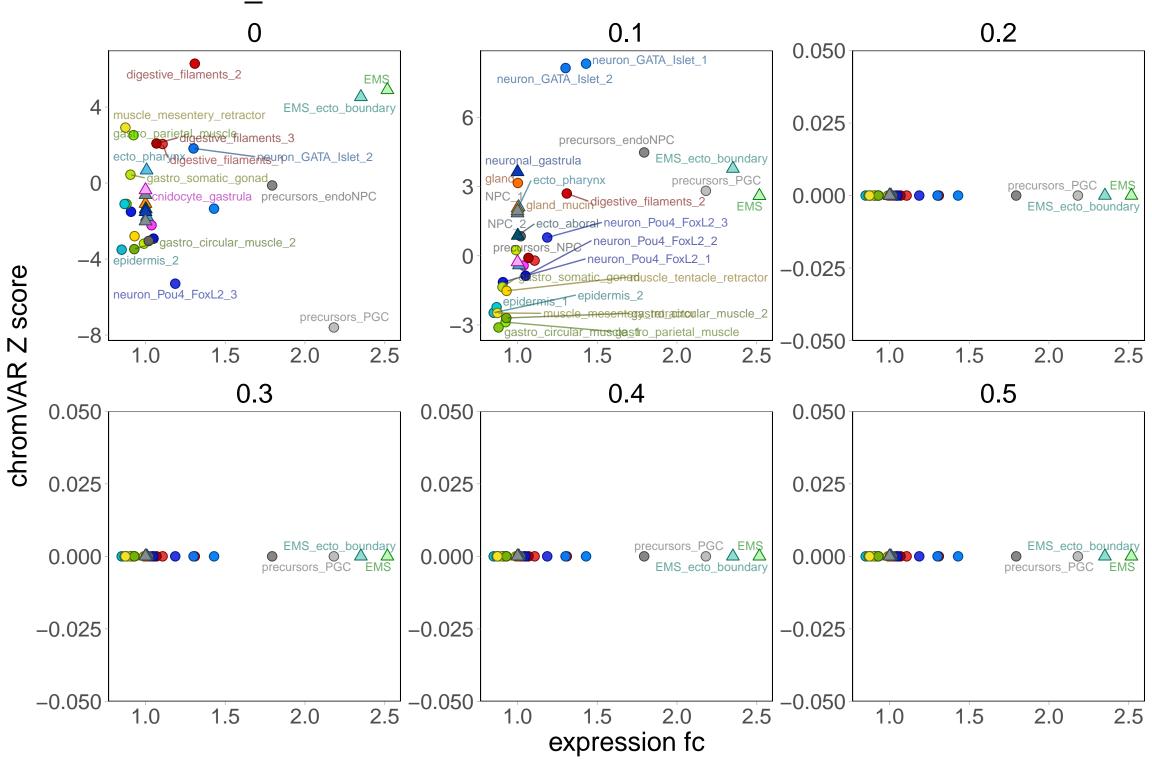
Insm1 (Nvec\_vc1.1\_XM\_032375602.2) zf-C2H2.HG25.1:INSM1/INSM2 ARCH530\_Snai2



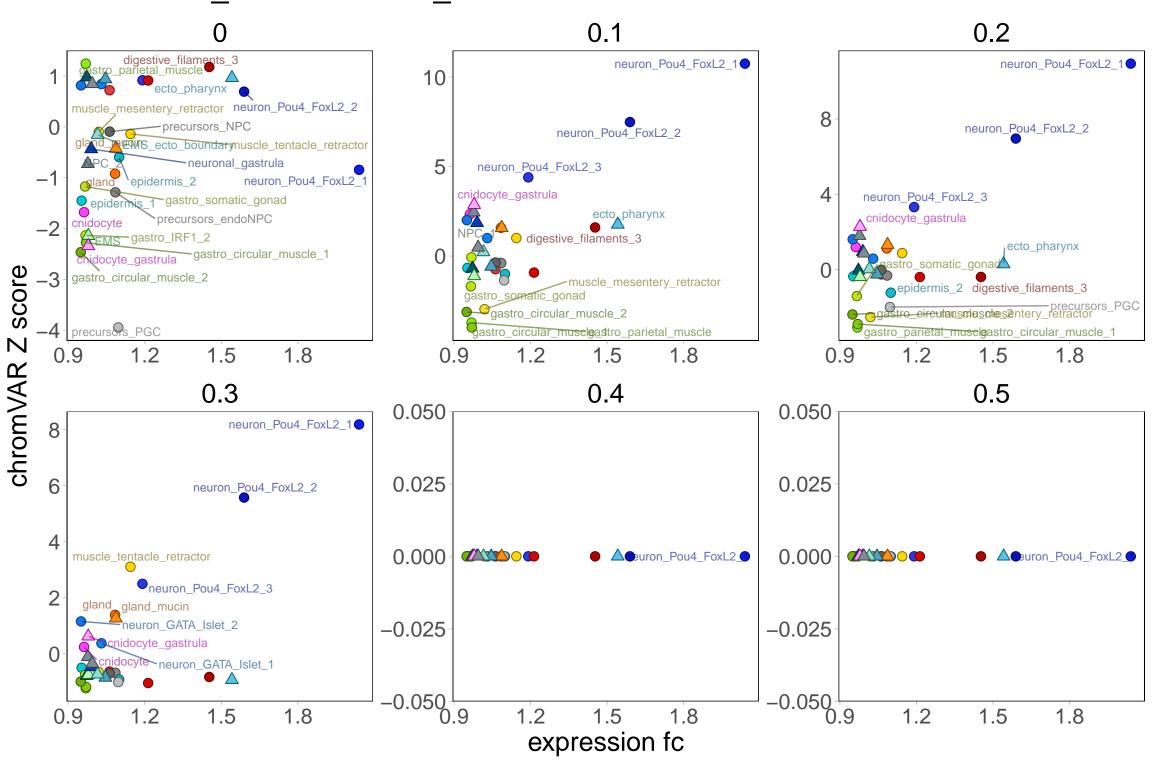
Prdm14d (Nvec\_vc1.1\_XM\_032385745.2) zf-C2H2.HG19.1:PRDM14 Prdm14d\_dimont



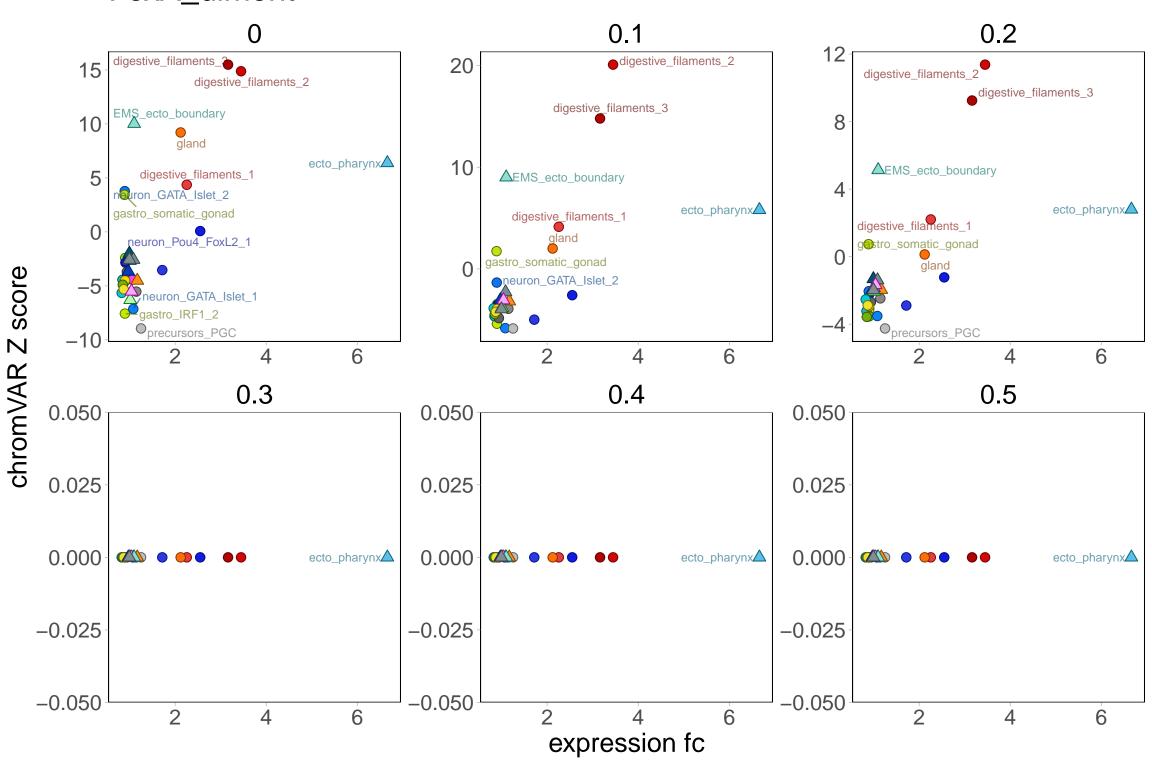
Nkx-2.2a (Nvec\_vc1.1\_XM\_032373618.2) Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX2-3/NKX2-4/NKX2-5/NK Nkx-2.2a\_dimont



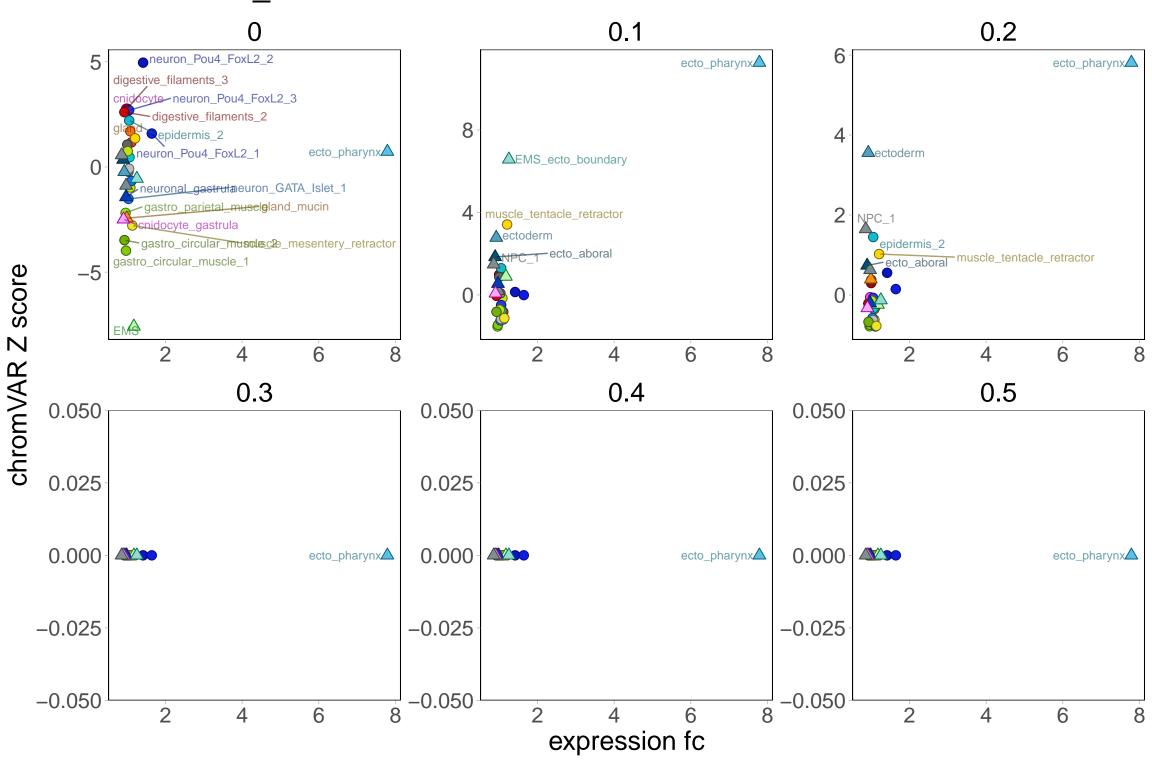
LMX (Nvec\_vc1.1\_XM\_048731137.1) Homeodomains.HG2.20:LHX1/LHX3/LHX4/LHX5/LMX1A/LMX1B ARCH233\_Alx3/Alx4/Alx1\_Barx...



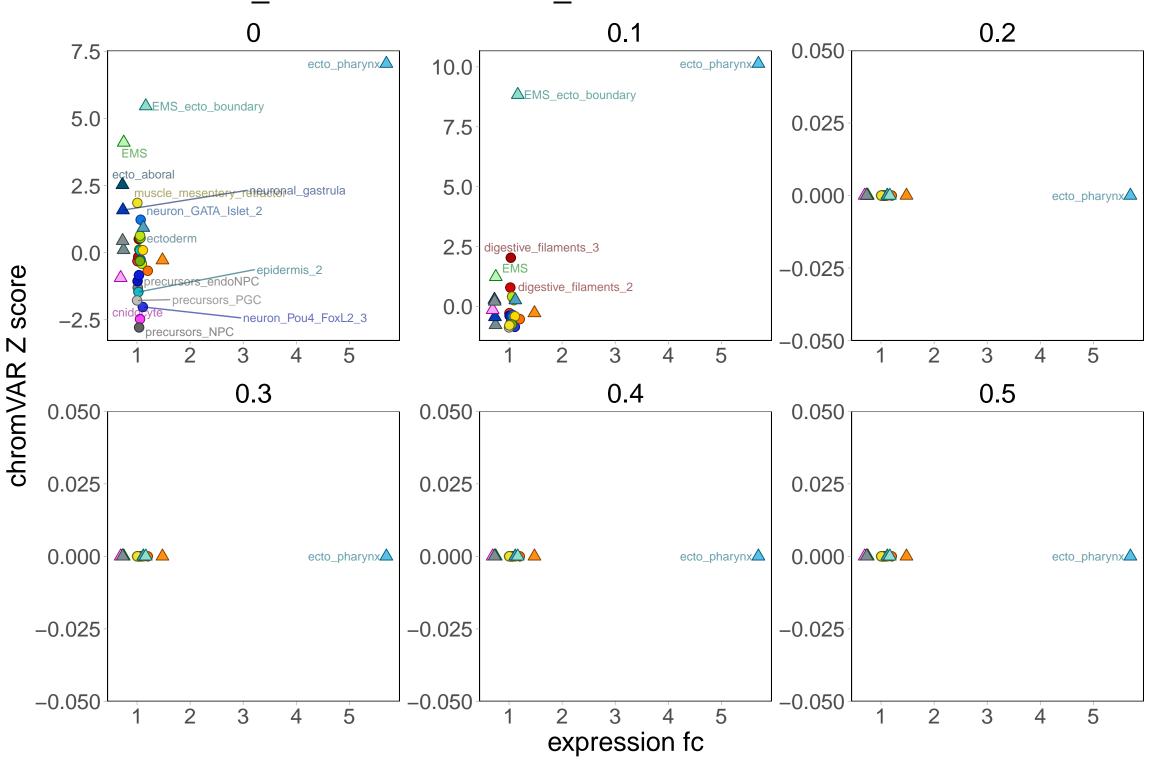
FoxA (Nvec\_vc1.1\_XM\_001634505.3)
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/F
FoxA\_dimont



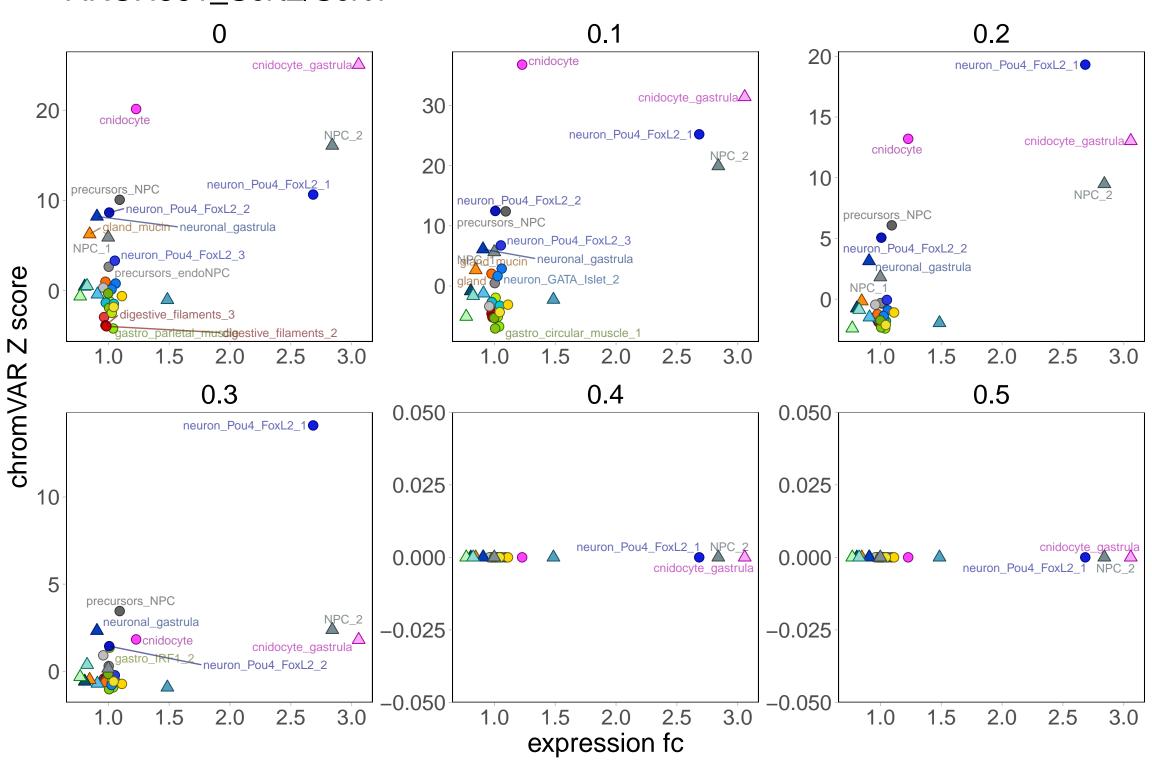
FoxB (Nvec\_vc1.1\_XM\_048728028.1)
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/F
ARCH975\_Foxd2/Foxd4/Foxd3/F...



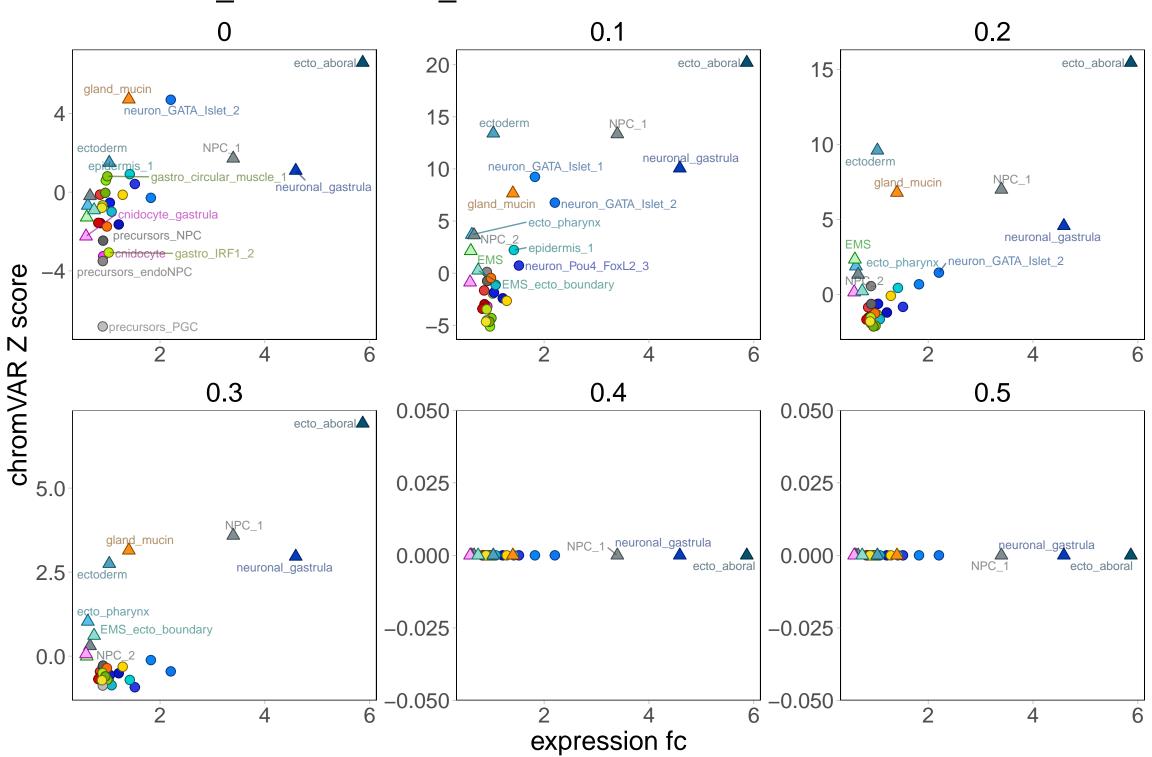
Brachyury (Nvec\_vc1.1\_XM\_032378021.2) T-box.HG1.5:TBX19/TBXT ARCH833\_Tbx18/Tbx22/Tbx15\_T...



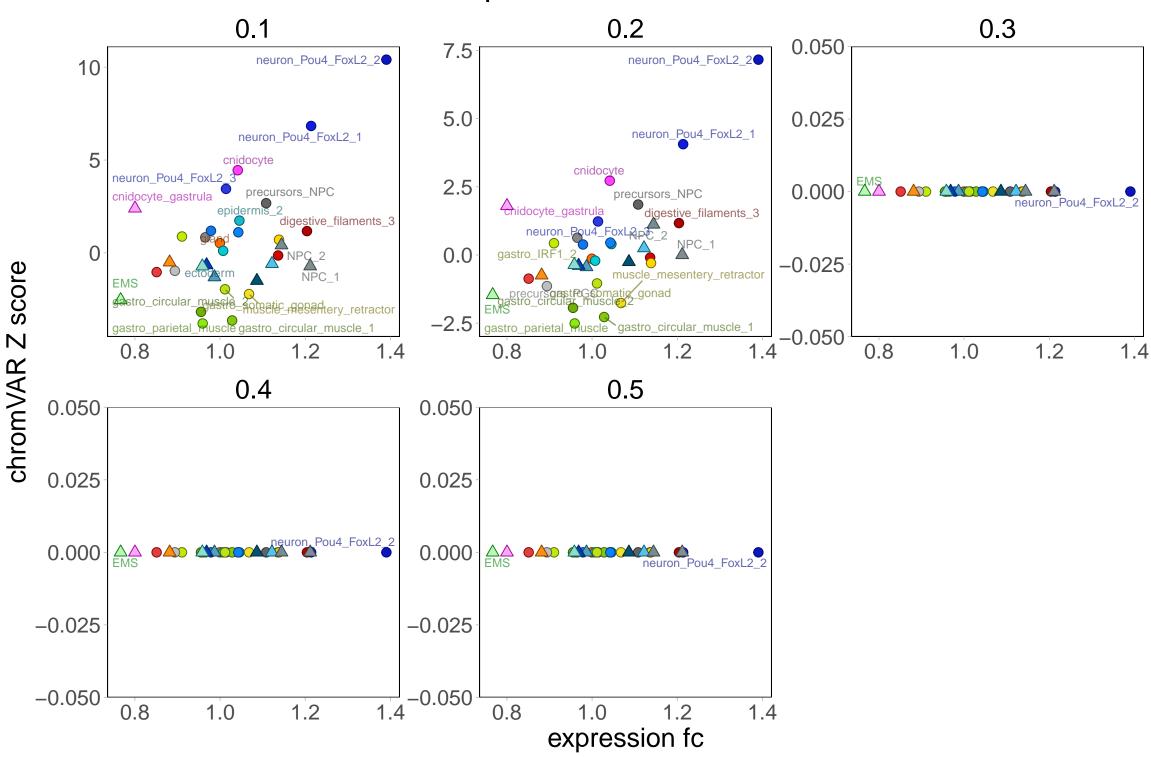
Sp6-9 (Nvec\_vc1.1\_XM\_032384420.2) zf-C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9 ARCH861\_Scrt2/Scrt1



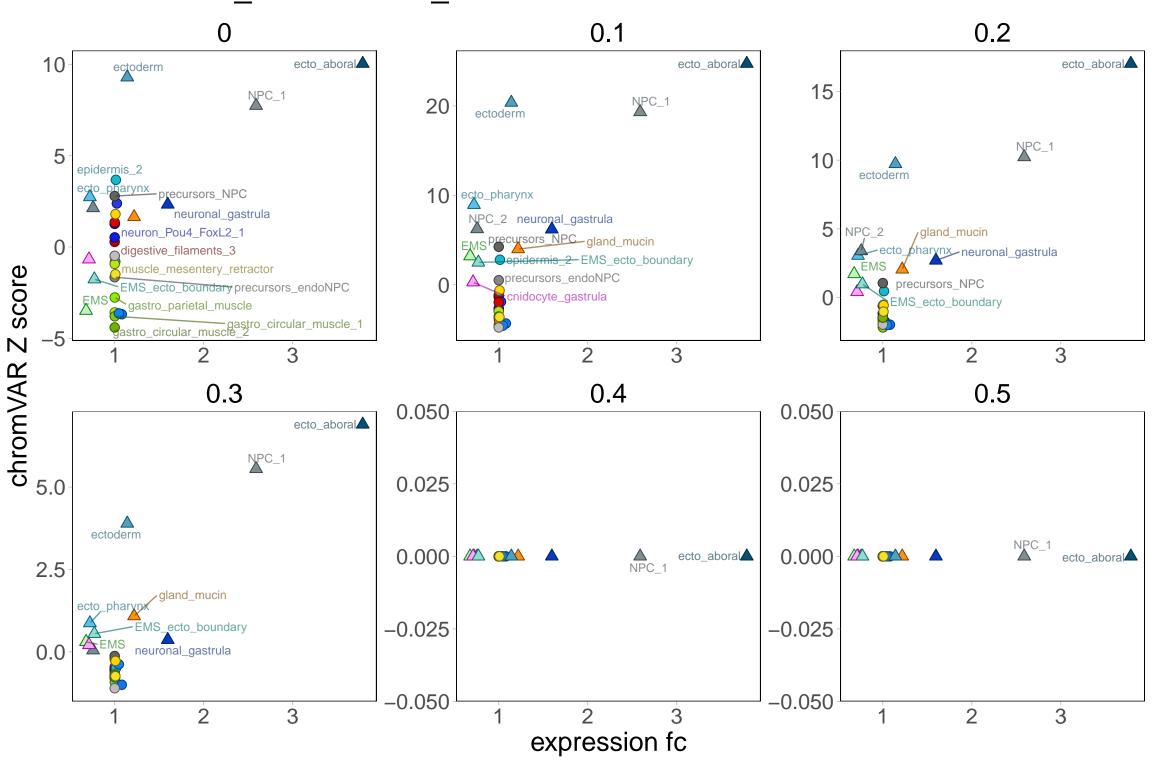
Six3/6 (Nvec\_vc1.1\_XM\_001625109.3) Homeodomains.HG3.30:SIX3/SIX6 ARCH146\_Alx3/Alx4/Alx1\_Barx...



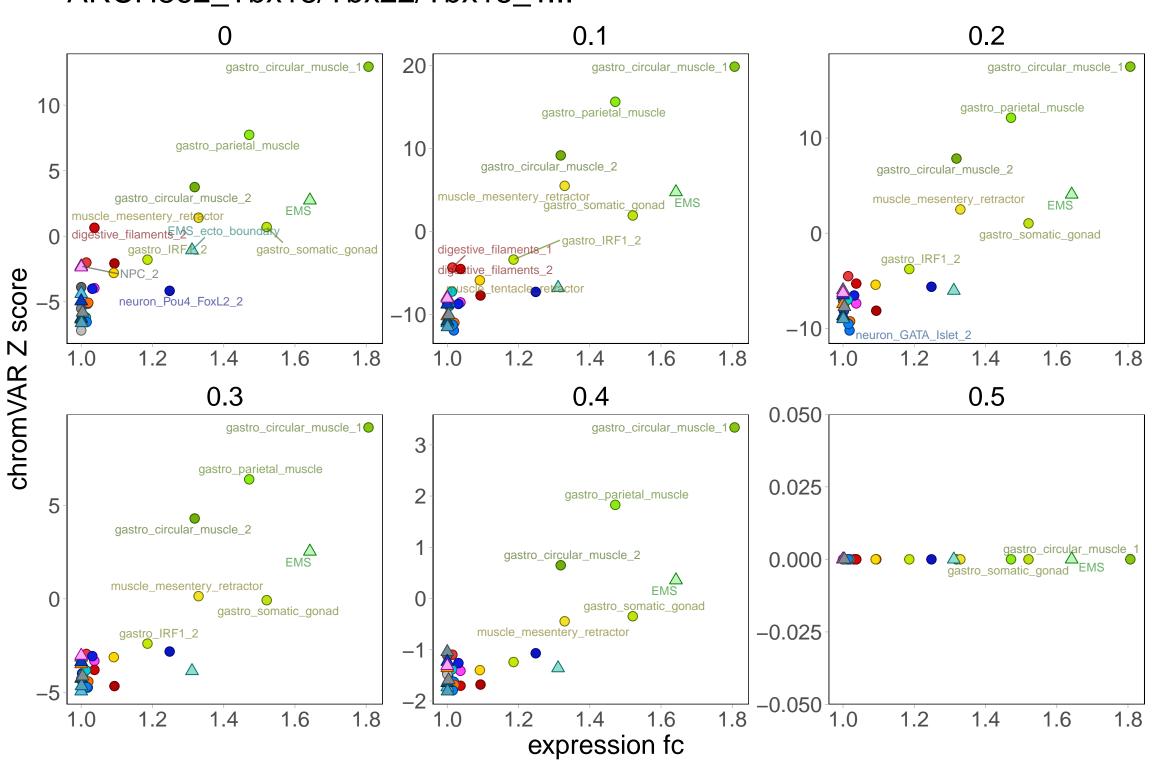
Grainyhead (Nvec\_vc1.1\_XM\_032386243.2) Grainyhead\_LSF.HG1.1:GRHL1/GRHL2/GRHL3 ARCH1265\_TFCP2\_\_Tcfcp2I1\_\_G...



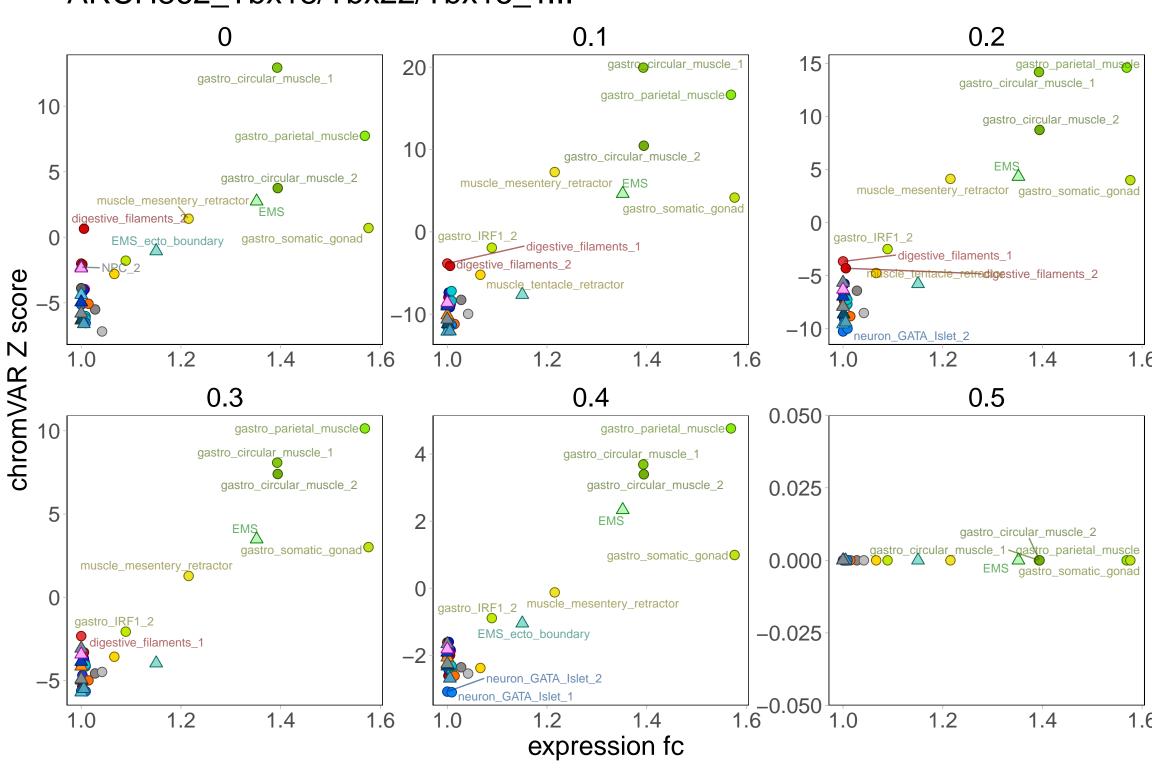
FoxQ2a (Nvec\_vc1.1\_XM\_032386947.2) Forkhead.HG1.13:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2 ARCH1178\_/Sox4/Sox11\_Foxd2/...



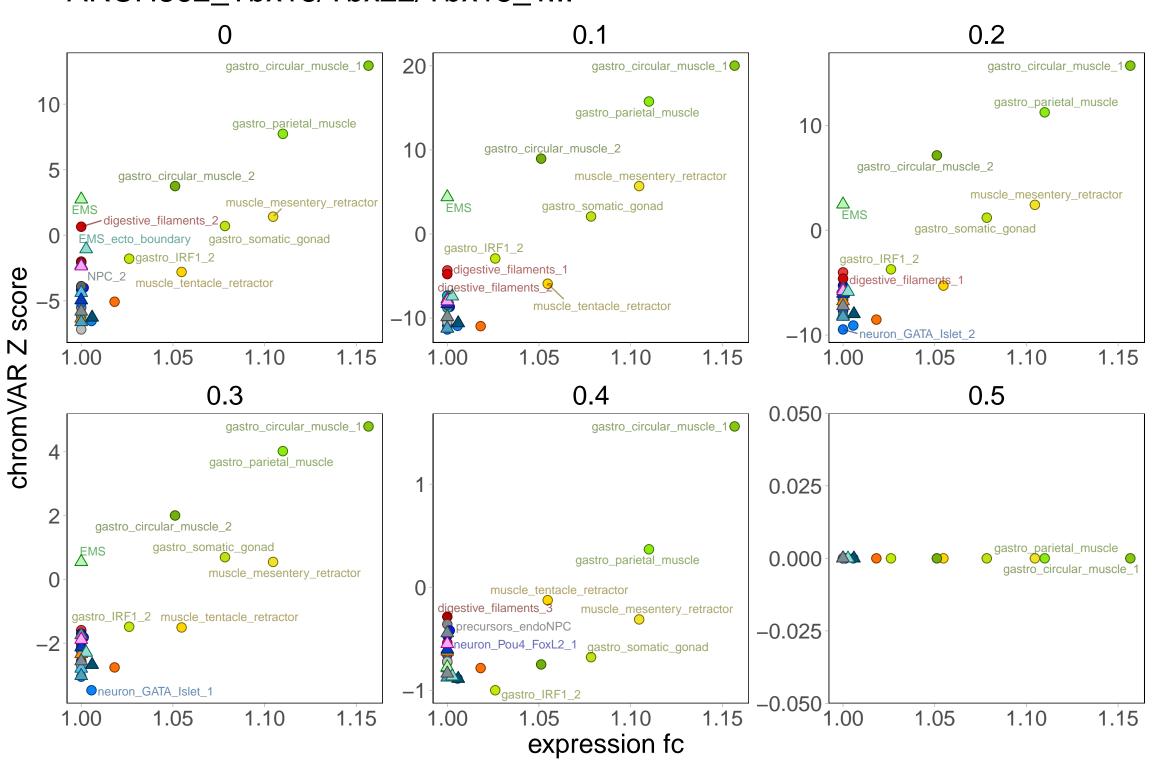
Tbx1/10–1 (Nvec\_vc1.1\_XM\_032374843.2) T-box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22 ARCH862\_Tbx18/Tbx22/Tbx15\_T...



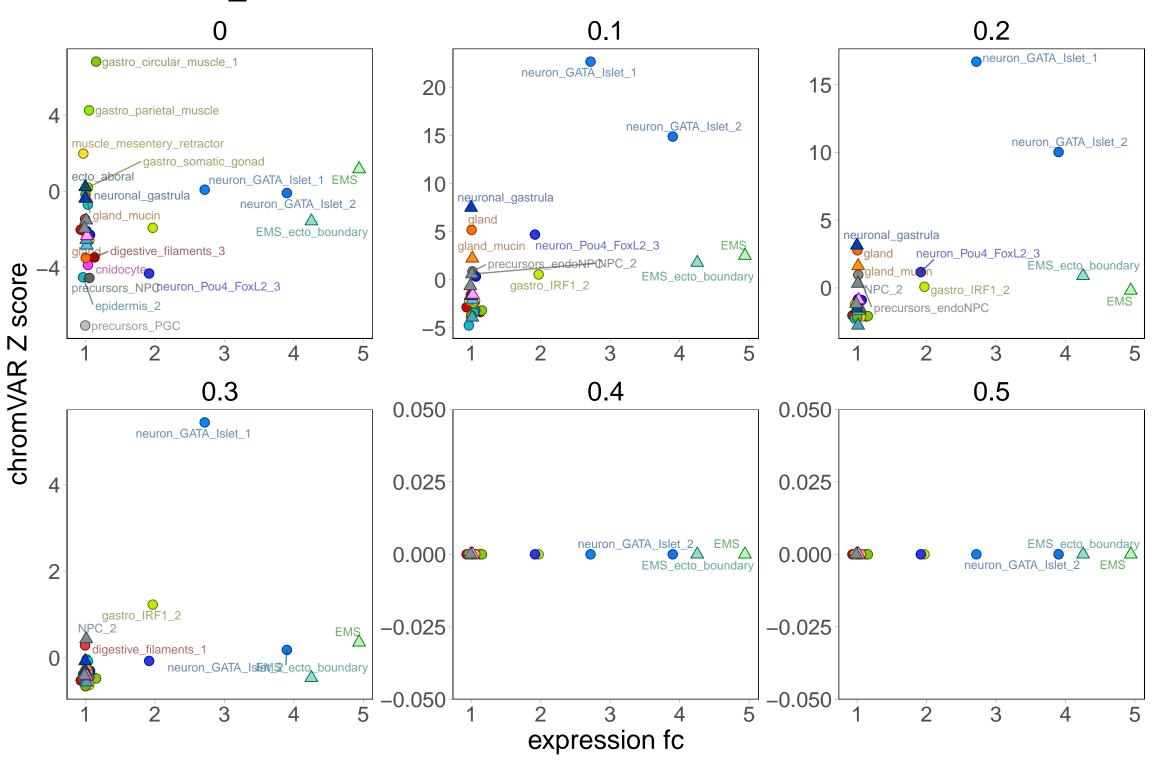
Tbx1/10–2 (Nvec\_vc1.1\_XM\_001627136.3) T–box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22 ARCH862\_Tbx18/Tbx22/Tbx15\_T...



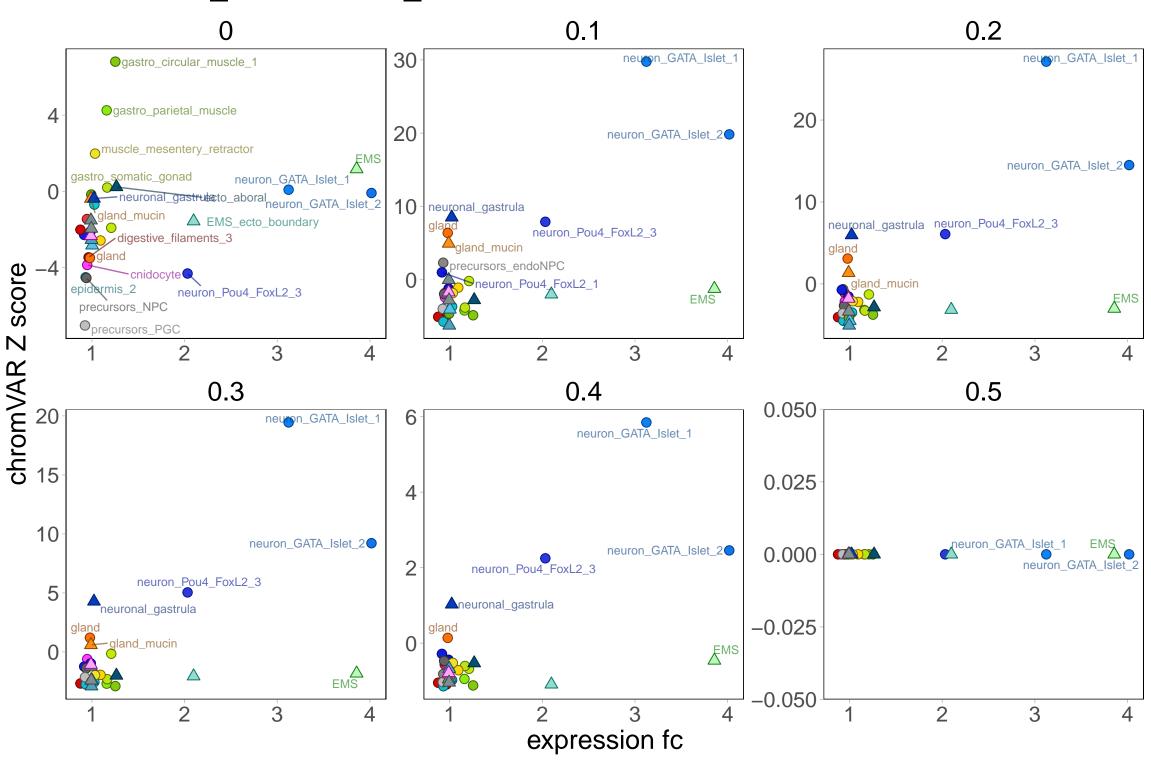
Tbx20-1 (Nvec\_vc1.1\_XM\_032377450.2) T-box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22 ARCH862\_Tbx18/Tbx22/Tbx15\_T...



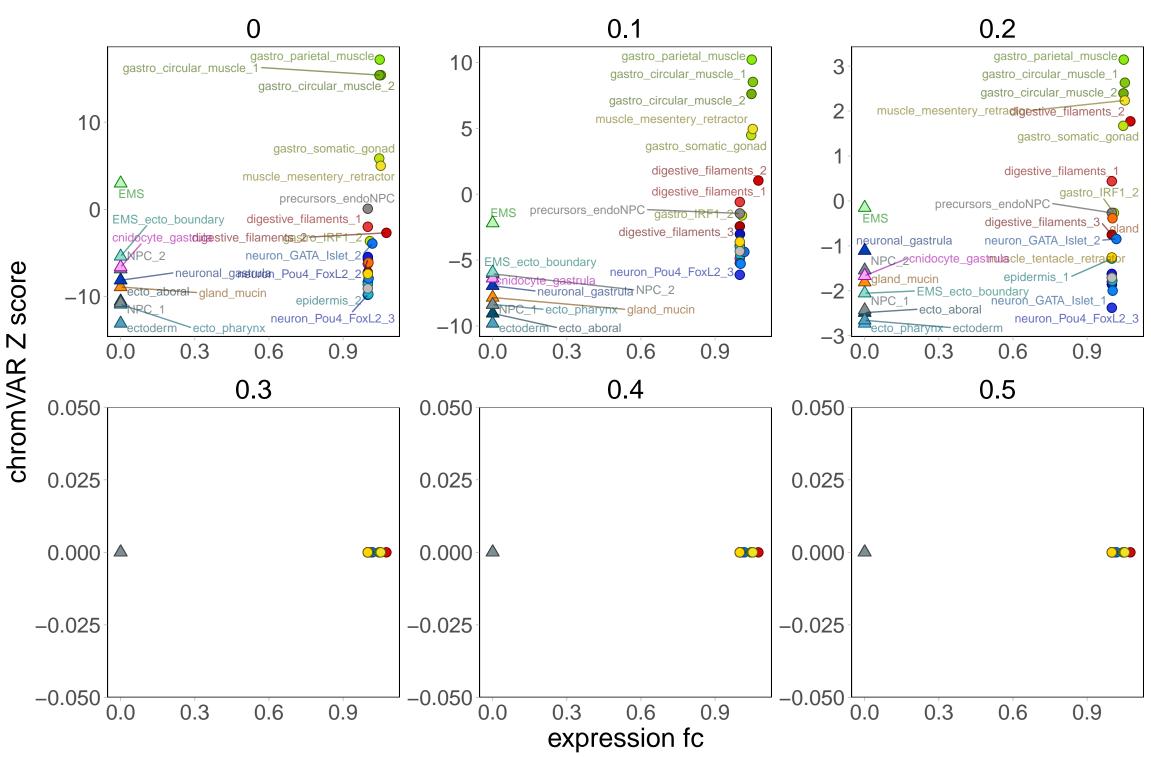
OtxB (Nvec\_vc1.1\_XM\_032375635.2) Homeodomains.HG2.46:CRX/OTX1/OTX2 ARCH1539\_Nkx2-2/Nkx2-9



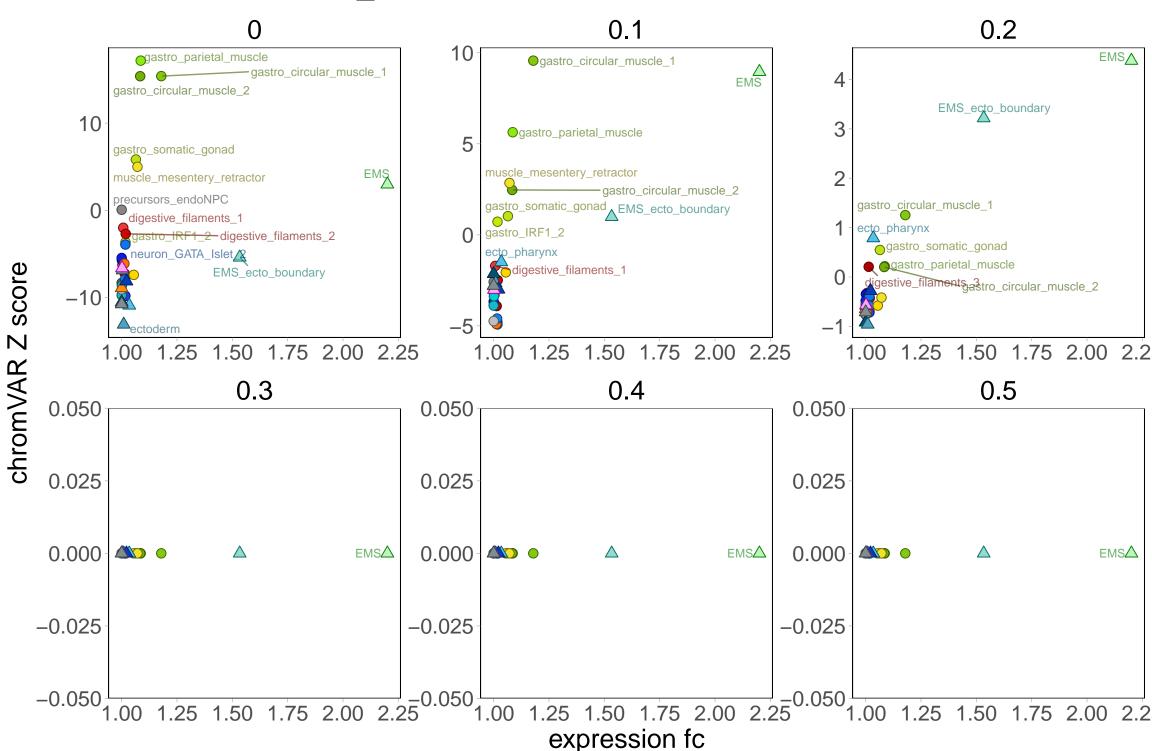
OtxC (Nvec\_vc1.1\_XM\_001647471.3) Homeodomains.HG2.46:CRX/OTX1/OTX2 ARCH181\_Barx2/Barx1\_Dlx4/Dl...



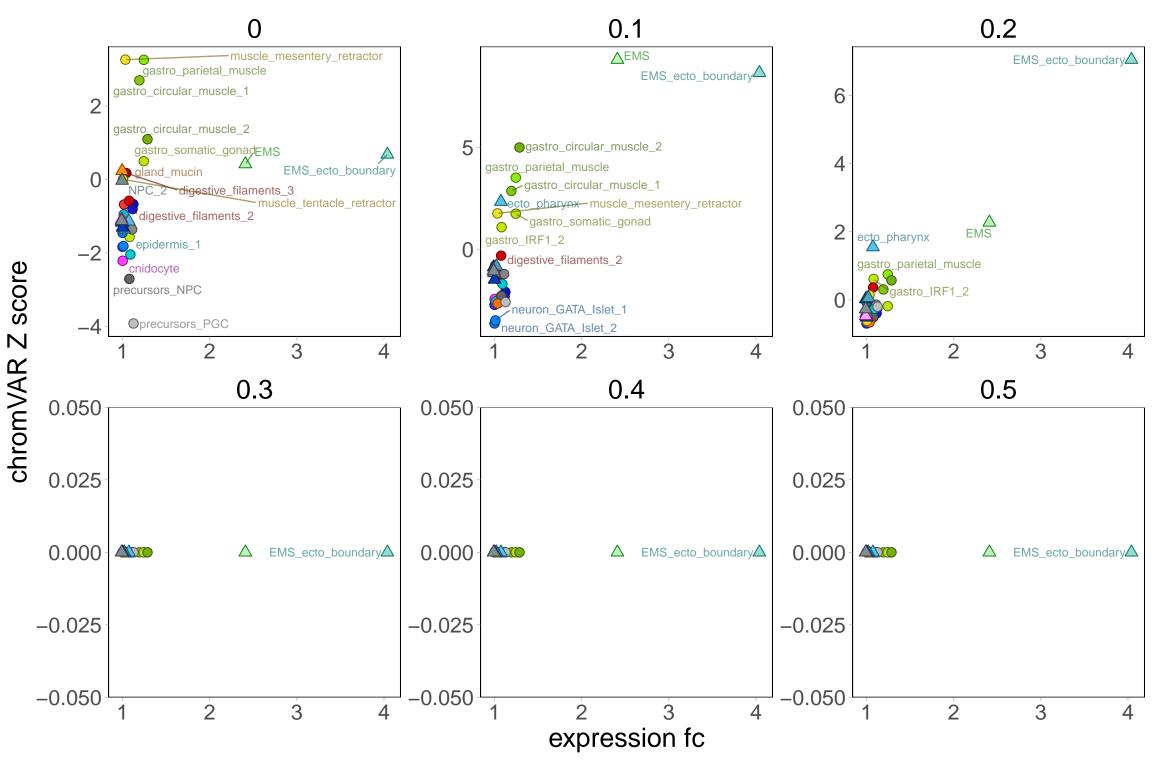
Lbx (Nvec\_vc1.1\_XM\_001634715.3) Homeodomains.HG1.29:LBX1/LBX2 ARCH1362\_Six1/\_Six4/Six5



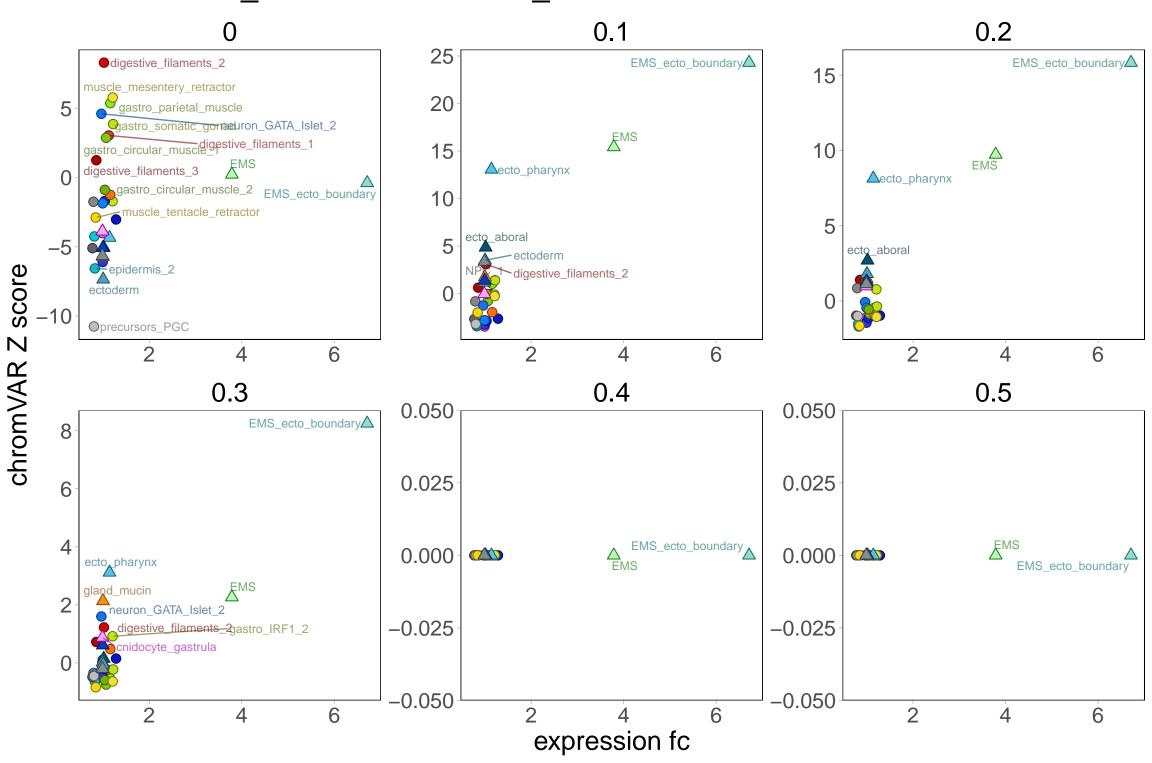
NVHD033-ANTP (Nvec\_vc1.1\_XM\_032379688.2) Homeodomains.HG1.39:BARHL1/BARHL2 NVHD033-ANTP\_dimont



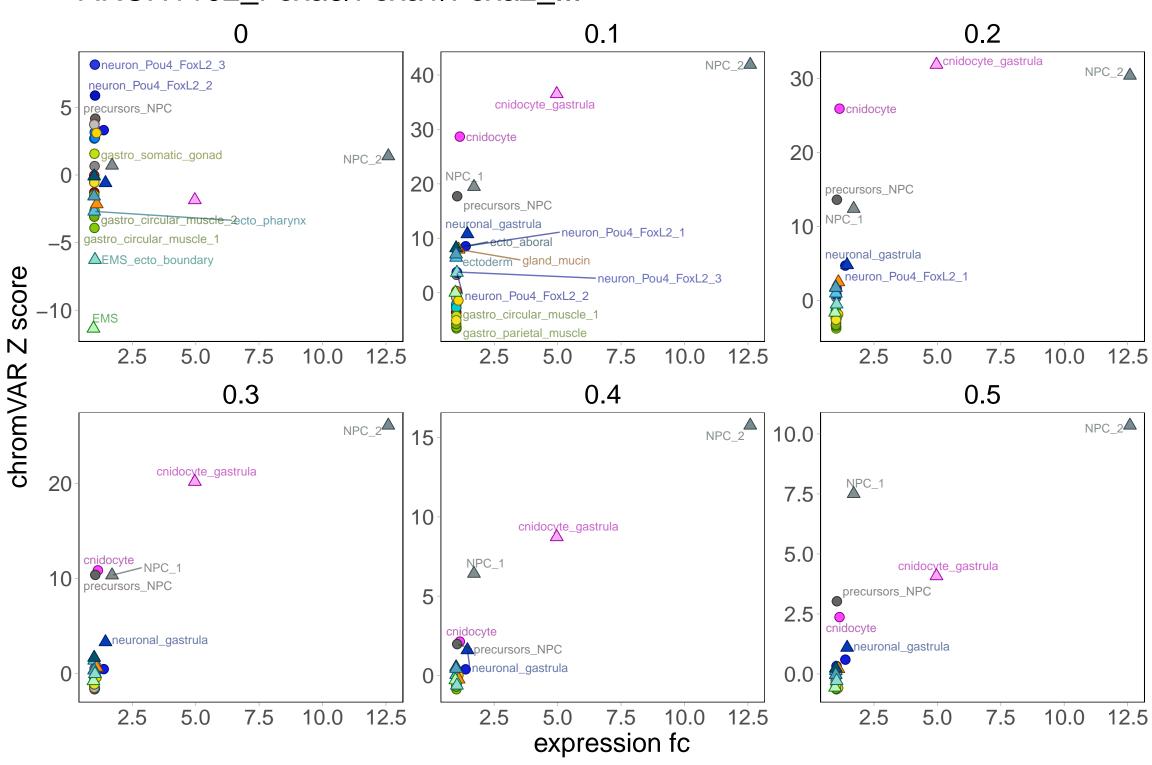
SnailA (Nvec\_vc1.1\_XM\_032387186.2) zf-C2H2.HG7.5:SNAI1/SNAI2/SNAI3 ARCH866\_ZNF317



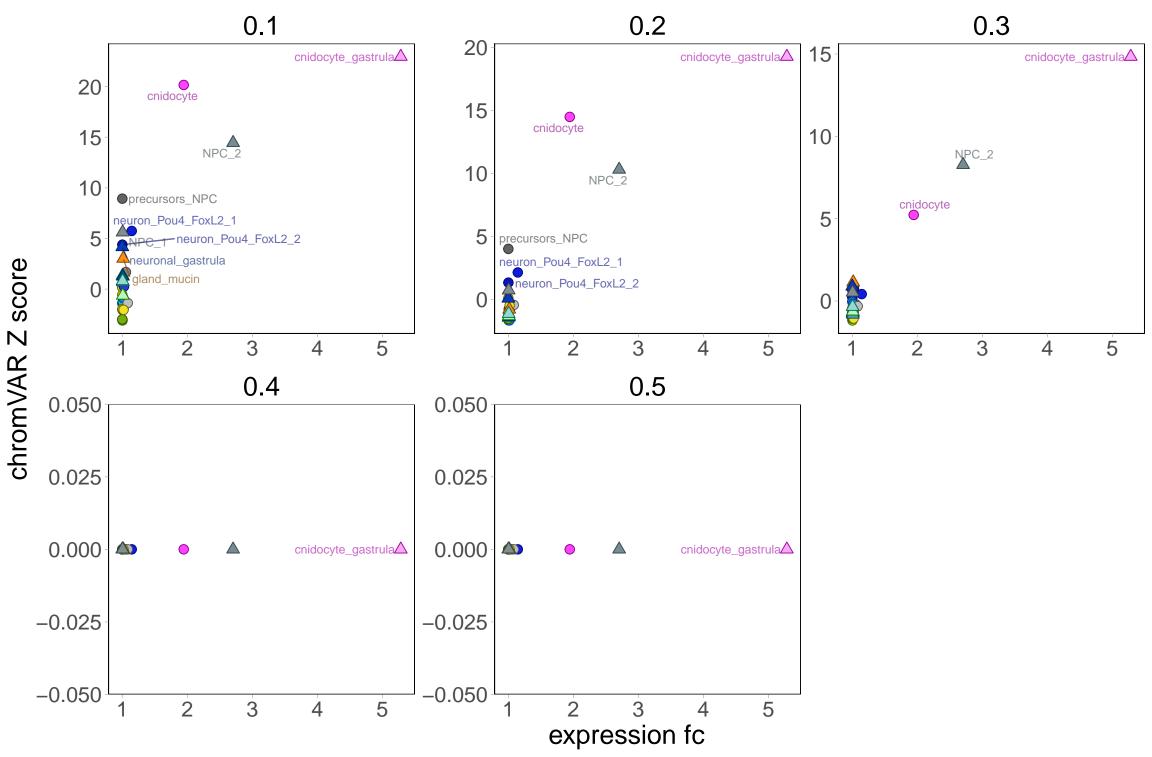
Six4/5 (Nvec\_vc1.1\_XM\_001623084.3) Homeodomains.HG3.24:SIX4/SIX5 ARCH1503\_Meis3/Meis2/Meis1\_...



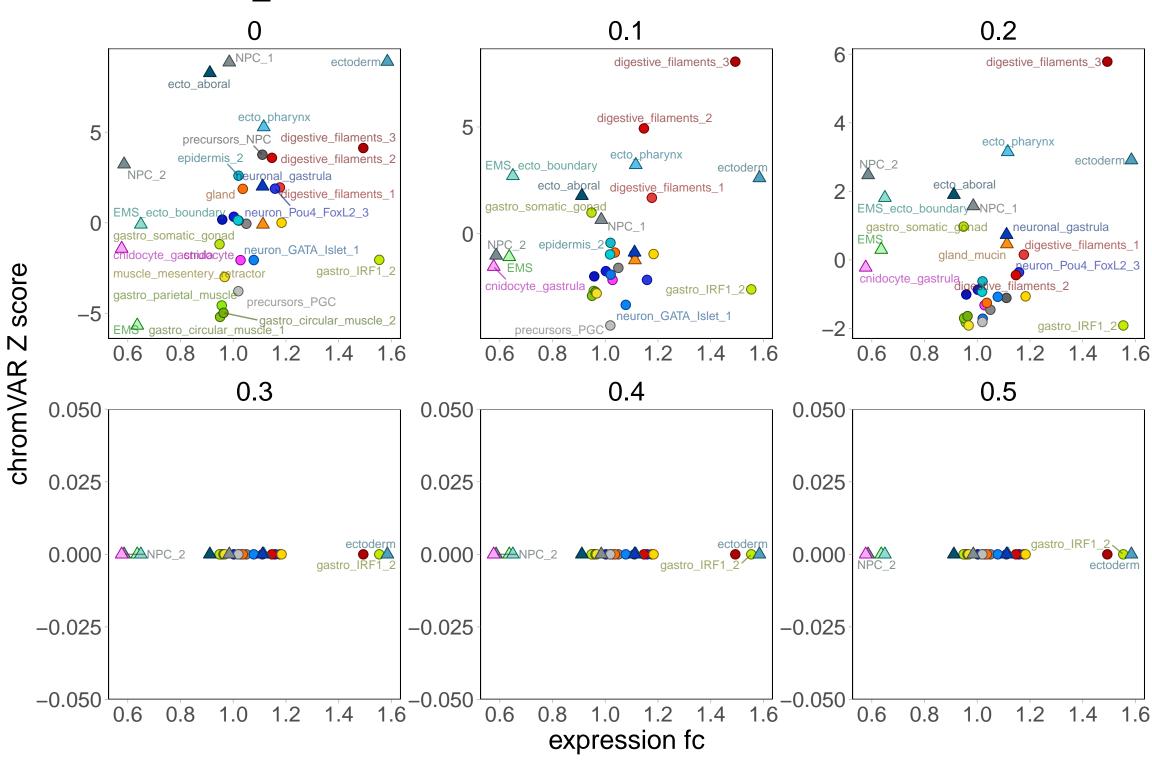
FoxA/D (Nvec\_vc1.1\_XM\_032387167.2) Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FO ARCH1102\_Foxa3/Foxa1/Foxa2\_...



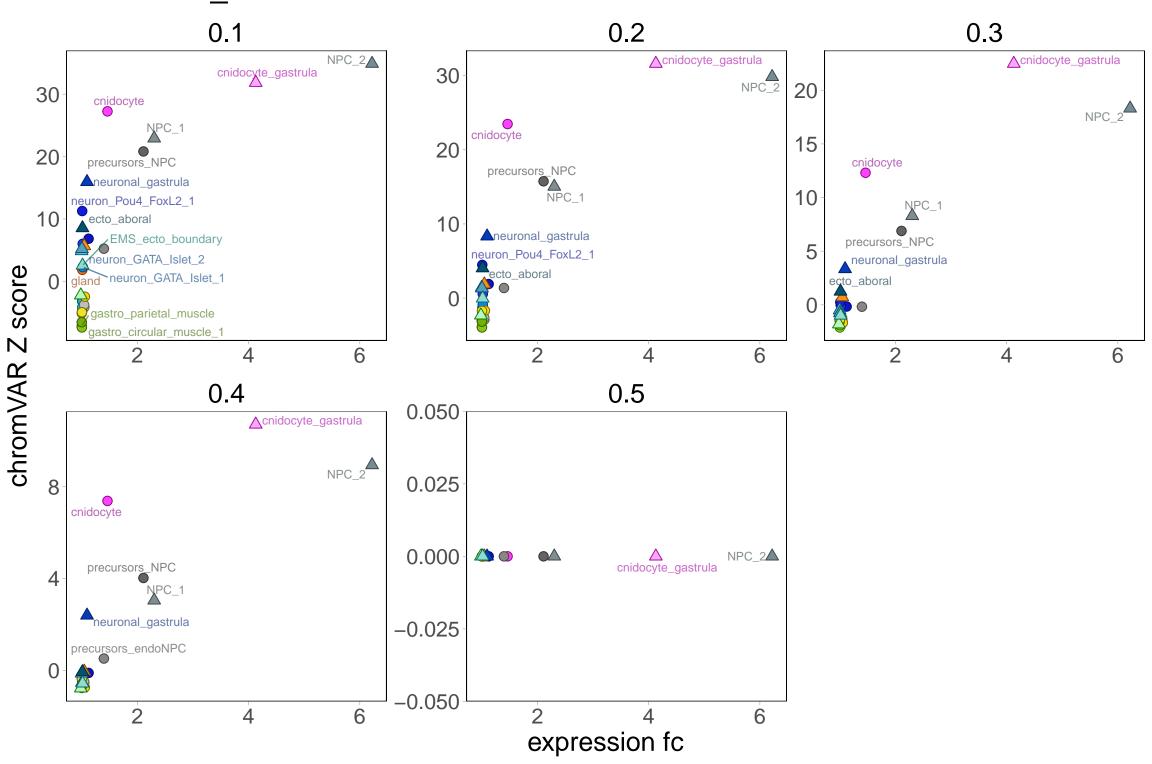
TEAD (Nvec\_vc1.1\_XM\_032364331.2)
TEA.HG1.0:TEAD1/TEAD2/TEAD3/TEAD4
Nvec\_vc1.1\_XM\_032364331.2\_TEA.HG1.0:TEAD1/TEAD2/TEAD3/TEAD



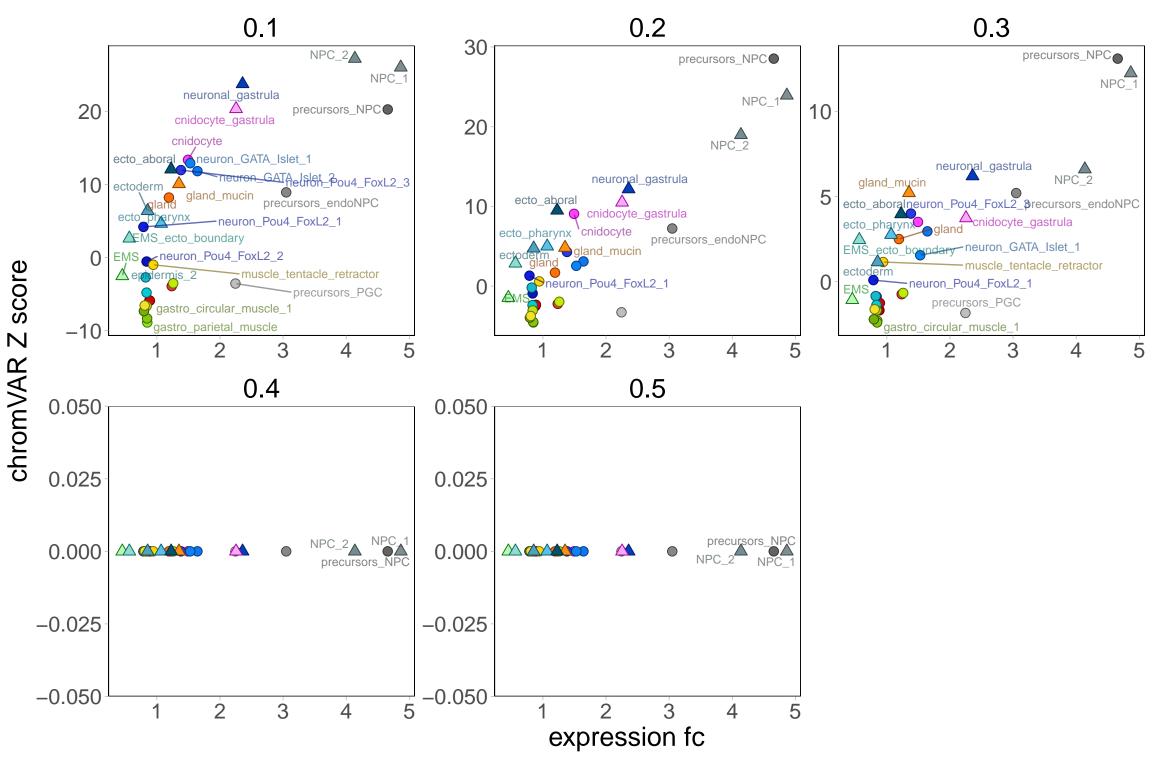
NvSox1 (Nvec\_vc1.1\_XM\_001624716.3) HMGbox\_Sox.HG1.35:SOX1/SOX2/SOX3/SOX14/SOX21 ARCH972\_Sox5



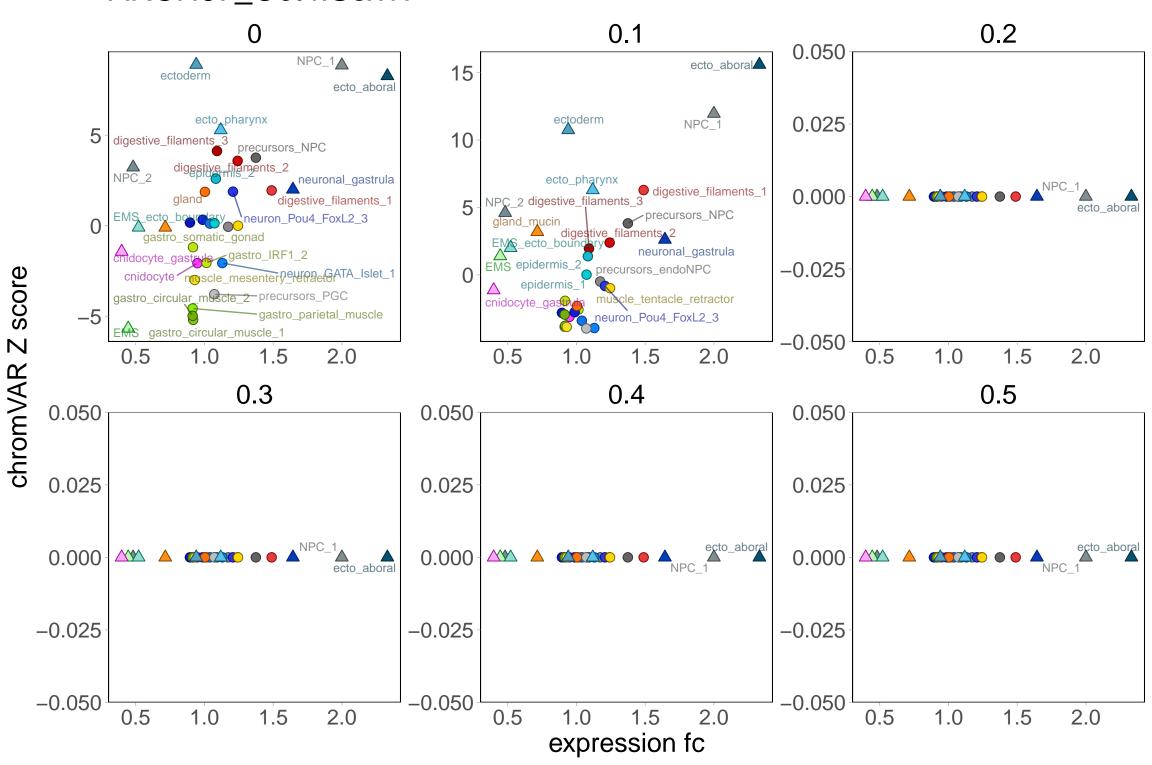
NvSox2 (Nvec\_vc1.1\_XM\_001639701.3) HMGbox\_Sox.HG1.14:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY ARCH482\_/Lef1/Tcf7l1/Tcf7



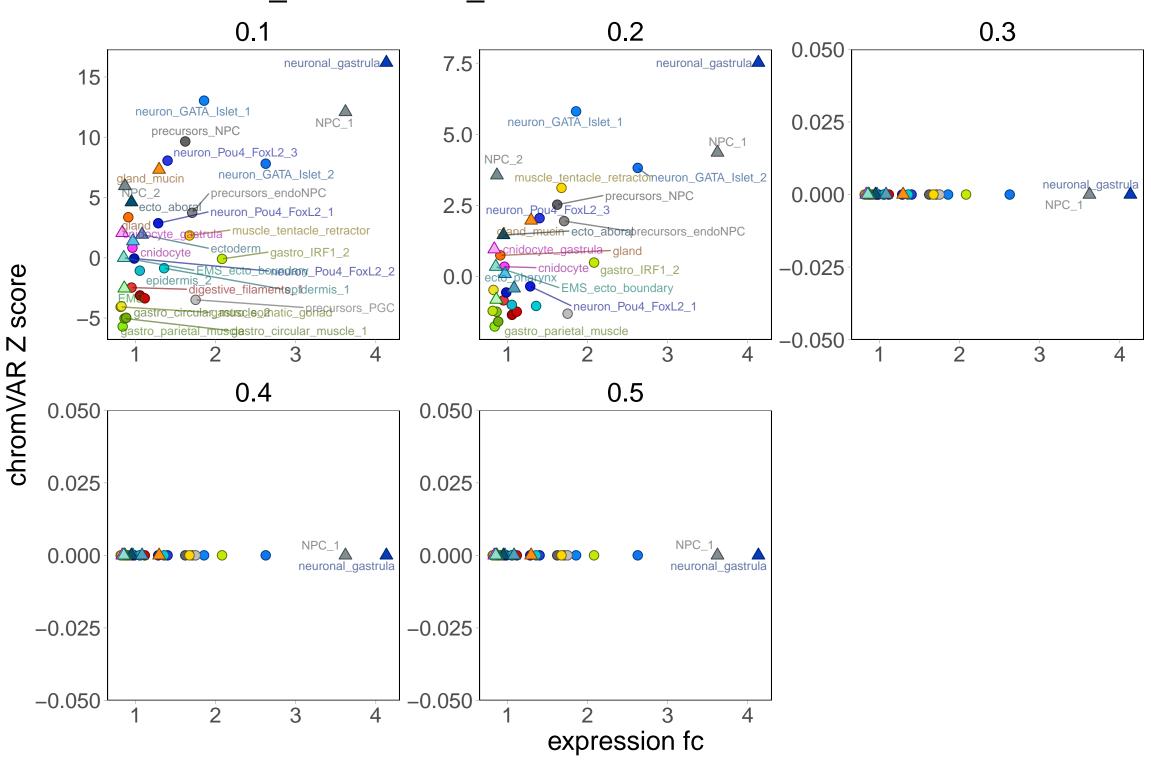
NvSoxC (Nvec\_vc1.1\_XM\_032372264.2) HMGbox\_Sox.HG1.11:SOX4/SOX11/SOX12 ARCH482\_/Lef1/Tcf7l1/Tcf7



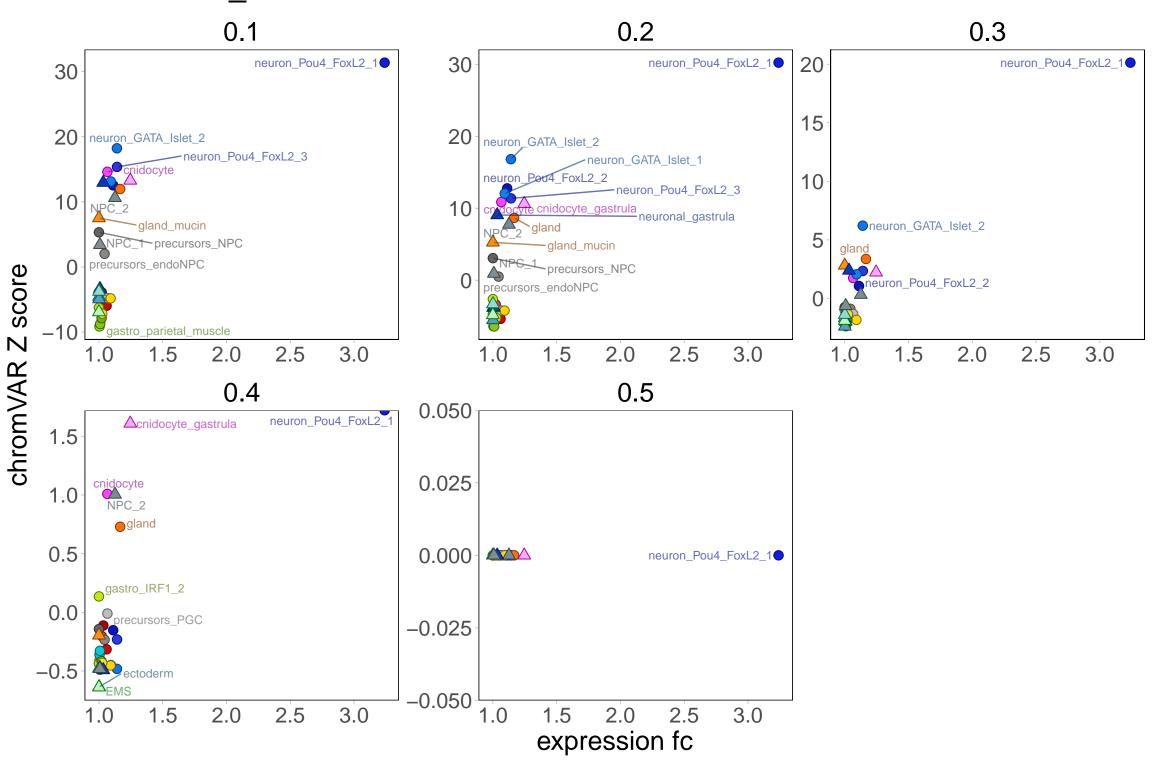
NvSoxB1 (Nvec\_vc1.1\_XM\_001632947.3) HMGbox\_Sox.HG1.35:SOX1/SOX2/SOX3/SOX14/SOX21 ARCH67\_Oct4:Sox17



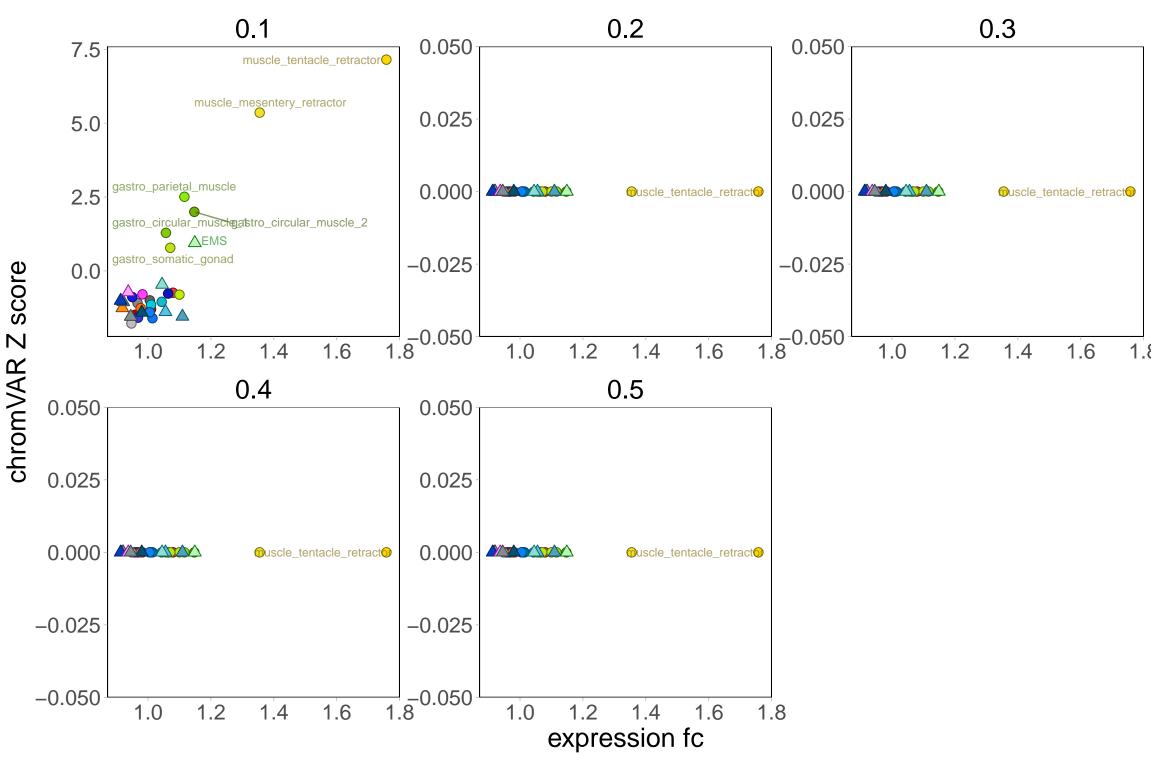
NvSoxB(2) (Nvec\_vc1.1\_XM\_001632568.3) HMGbox\_Sox.HG1.34:SRY ARCH1174\_/Sox4/Sox11\_Sox13/...



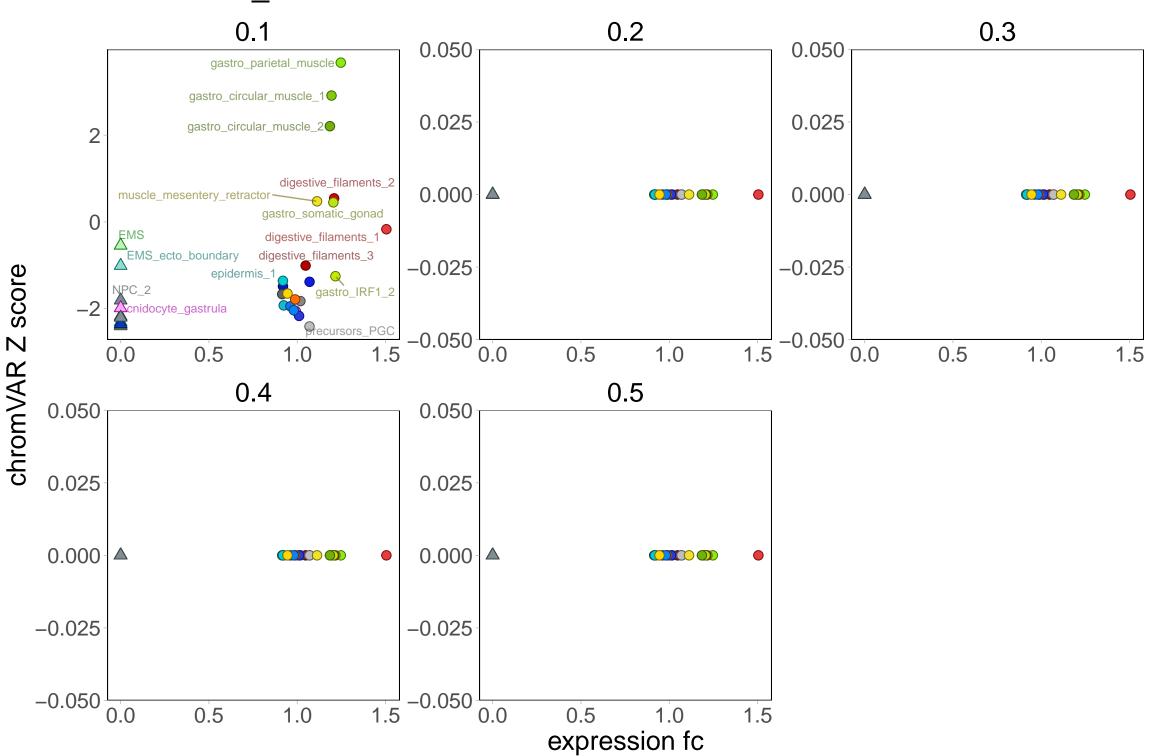
NvSoxA (Nvec\_vc1.1\_XM\_032380374.2) HMGbox\_Sox.HG1.34:SRY ARCH482\_/Lef1/Tcf7I1/Tcf7



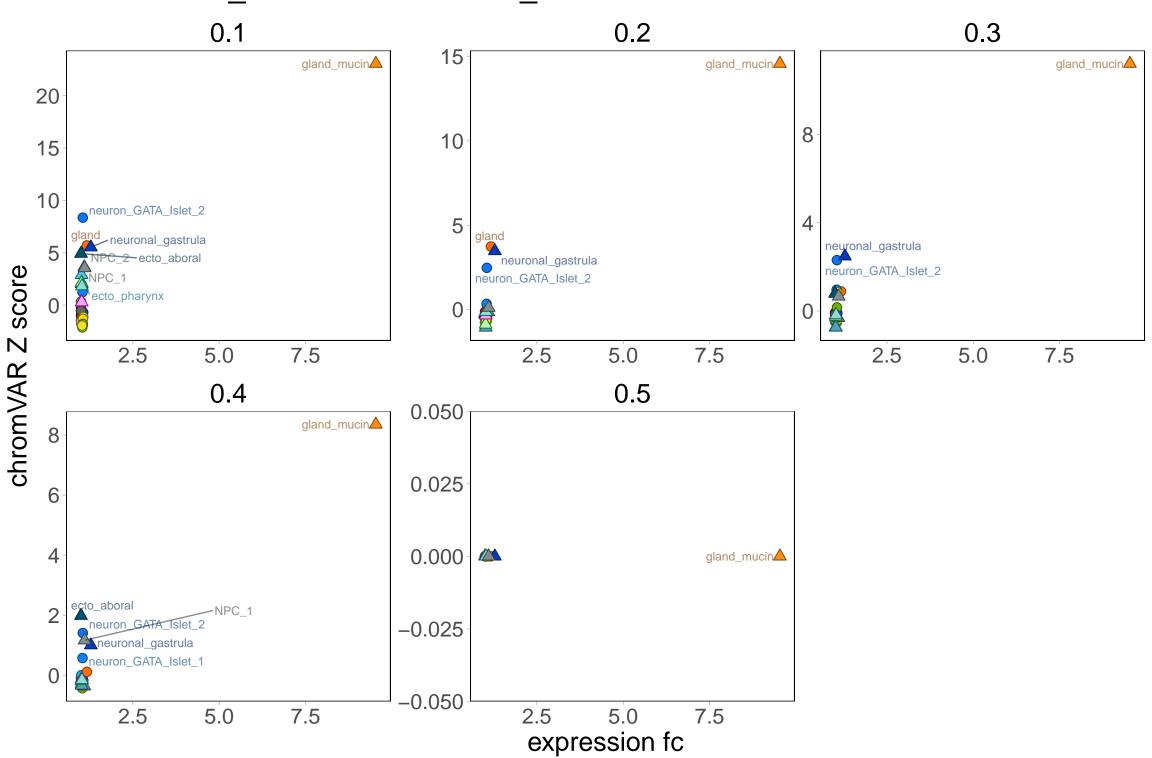
NvSoxE1 (Nvec\_vc1.1\_XM\_001629987.3) HMGbox\_Sox.HG1.42:SOX8/SOX9/SOX10 ARCH924\_/Lef1/Tcf7I1/Tcf7



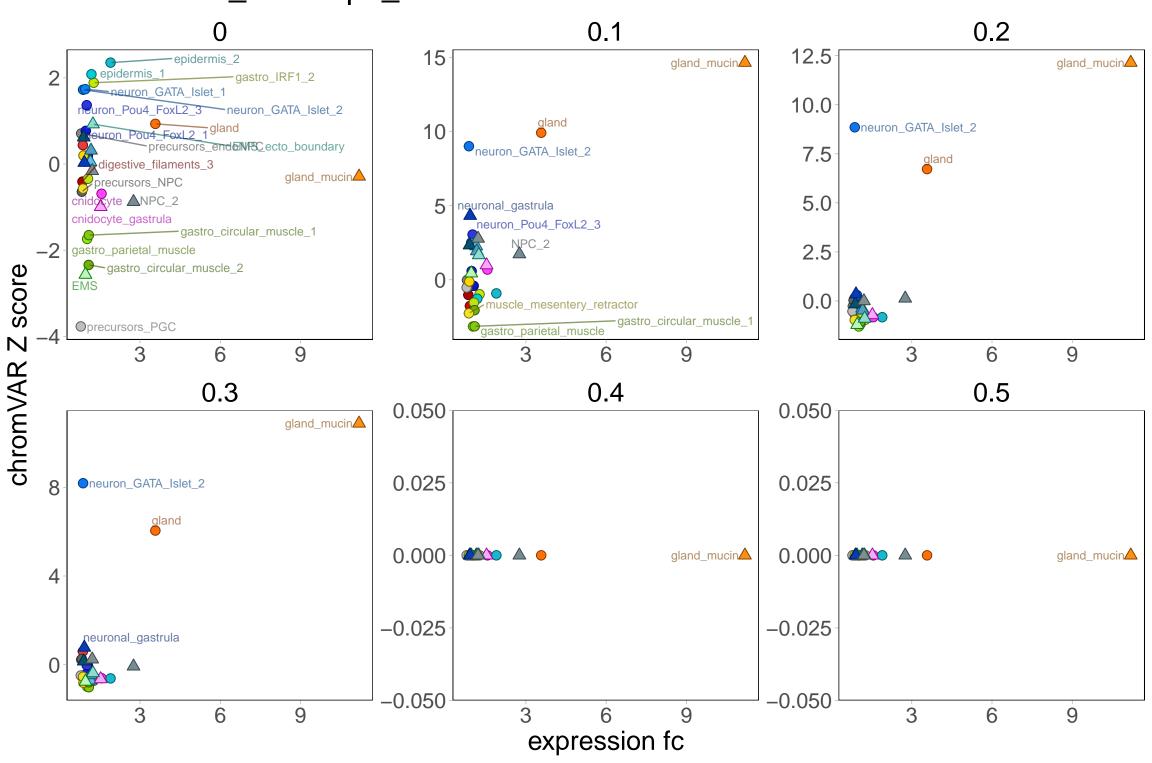
NvSoxF1 (Nvec\_vc1.1\_XM\_001636155.3) HMGbox\_Sox.HG1.16:like:PINX1/SOX7/SOX17/SOX18 ARCH924\_/Lef1/Tcf7I1/Tcf7



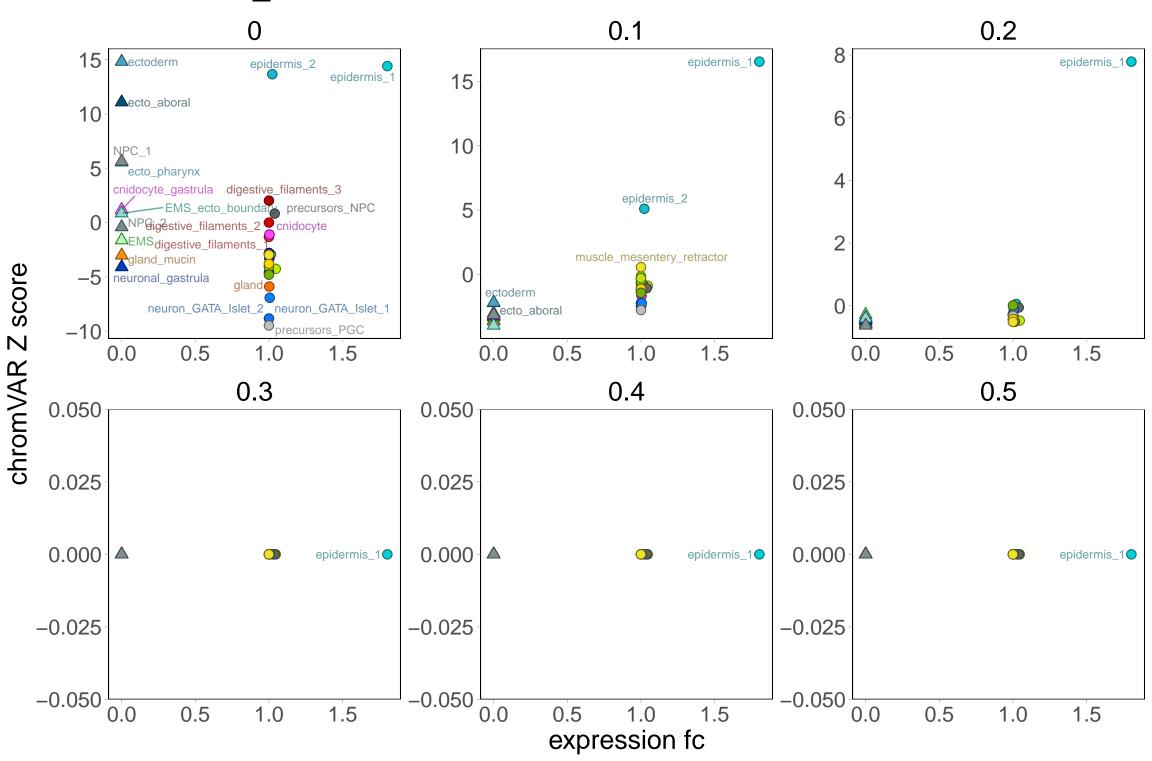
NOTO (Nvec\_vc1.1\_XM\_032364773.2) Homeodomains.HG1.59:like:NOTO ARCH1504\_Meis3/Meis2/Meis1\_...



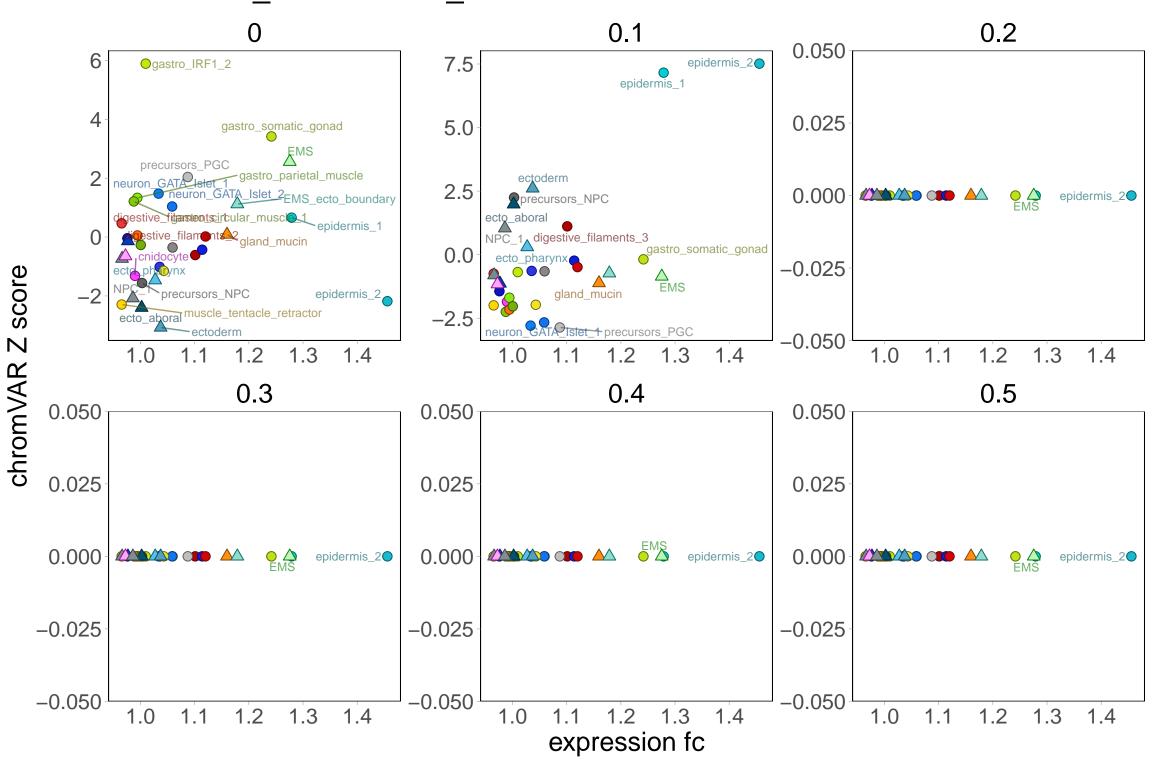
CREB3 (Nvec\_vc1.1\_XM\_032378881.2) bZIP.HG1.15:CREB3/CREB3L1/CREB3L2/CREB3L3/CREB3L4 ARCH1485\_Atf3/Jdp2\_Fos/Fosb...



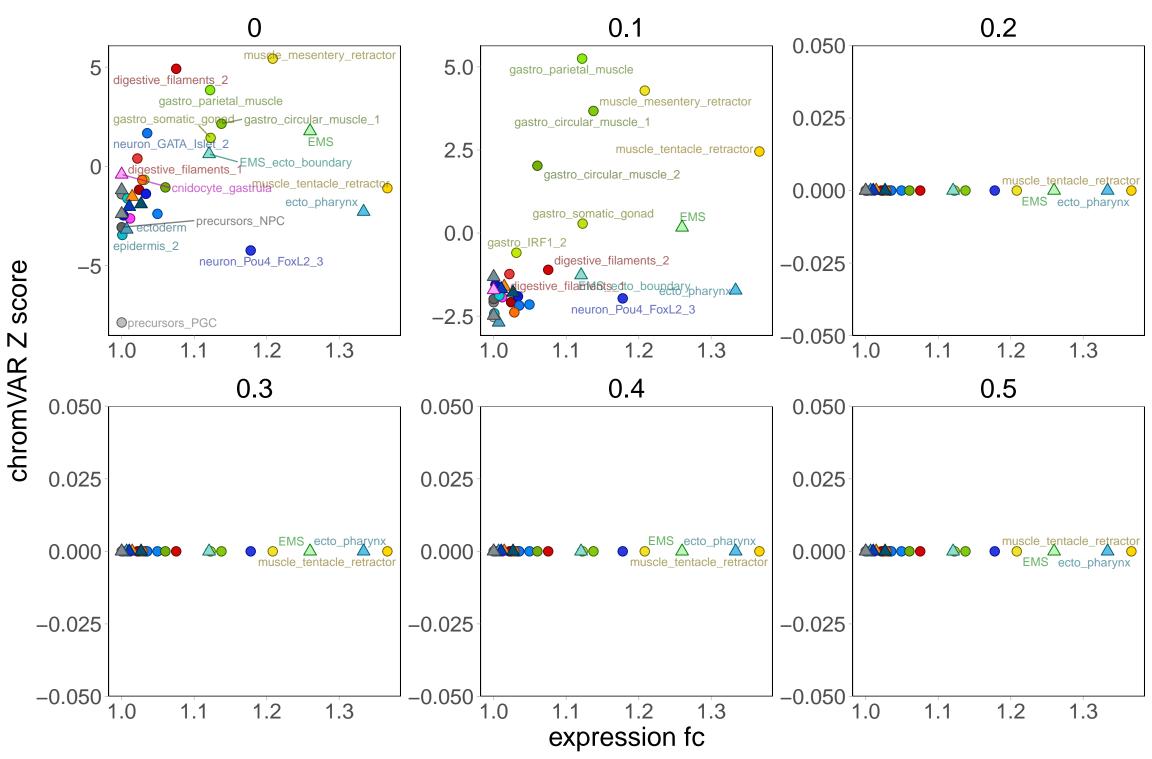
PAX3/7 (Nvec\_vc1.1\_XM\_001628635.3) Homeodomains.HG2.28:PAX3/PAX7 ARCH873\_Pax5/Pax8/Pax2



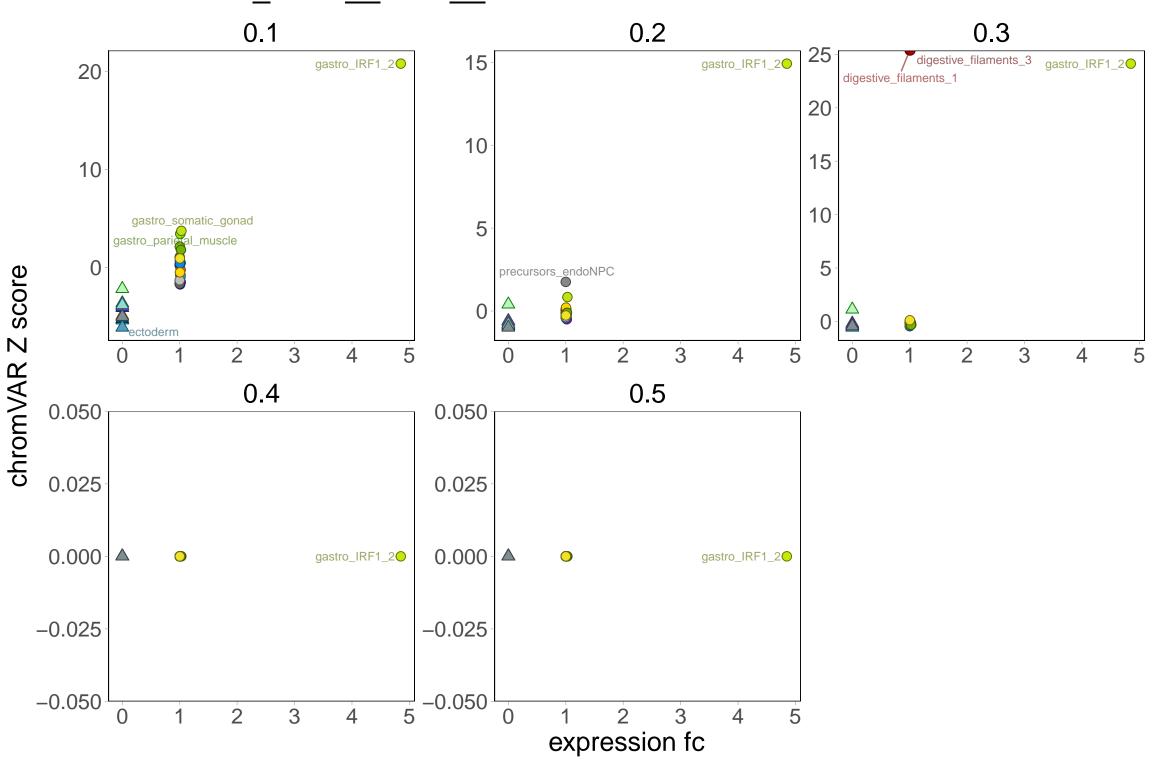
ETV6/7 (Nvec\_vc1.1\_XM\_032384221.2) Ets.HG1.13:ETV6/ETV7 ARCH551\_Elf3/Ehf/Elf5\_Etv6



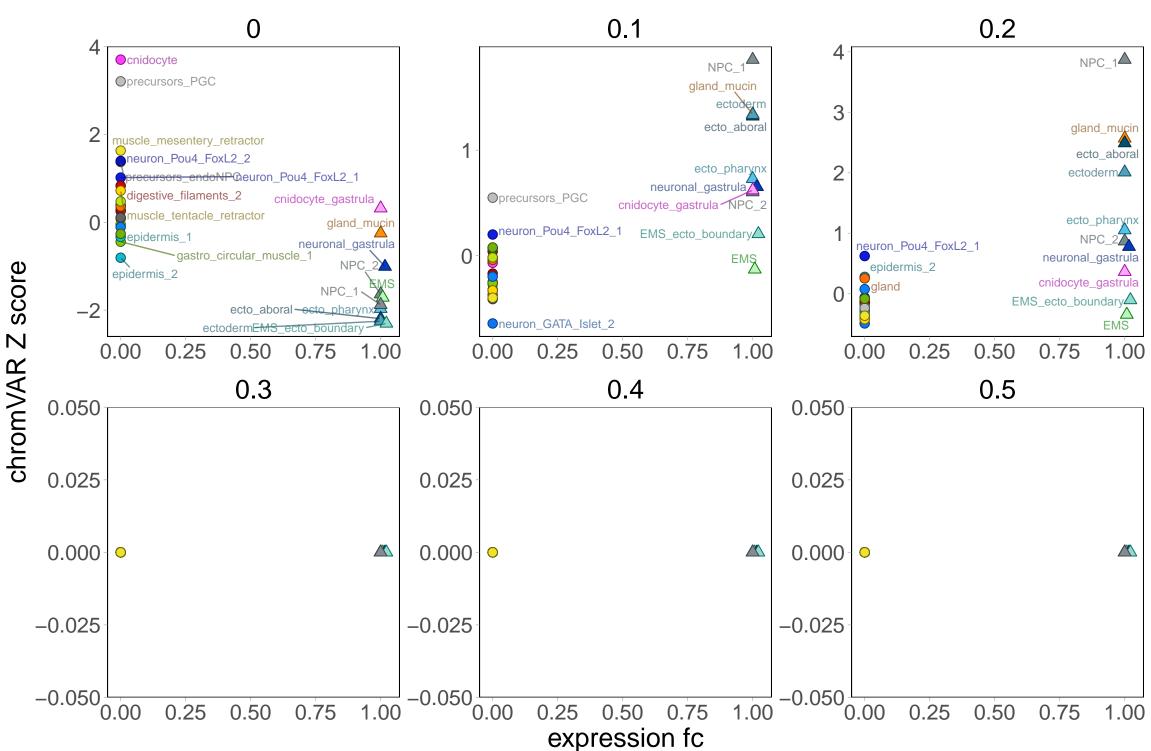
Hhex (Nvec\_vc1.1\_XM\_032364784.2) Homeodomains.HG1.28:HHEX Hhex\_dimont



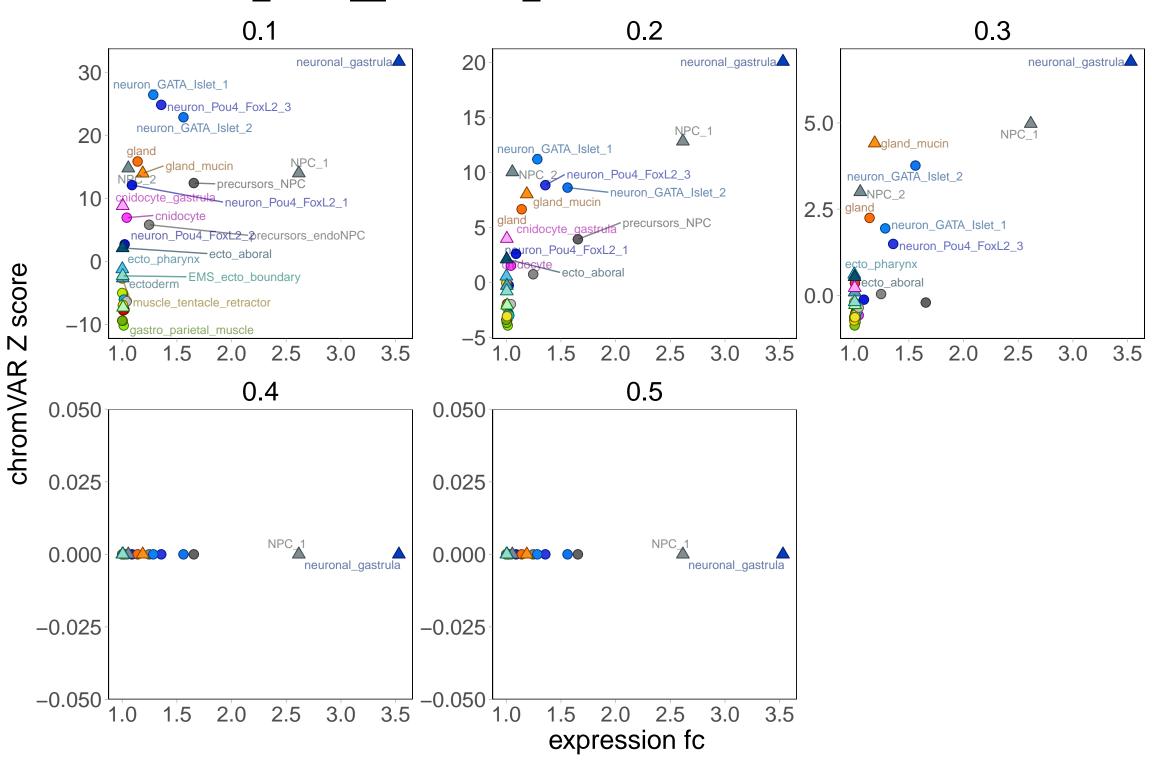
IRF1-2c (Nvec\_vc1.1\_XM\_001622271.3)
IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9
ARCH591\_ISRE\_\_IRF3\_\_IRF8



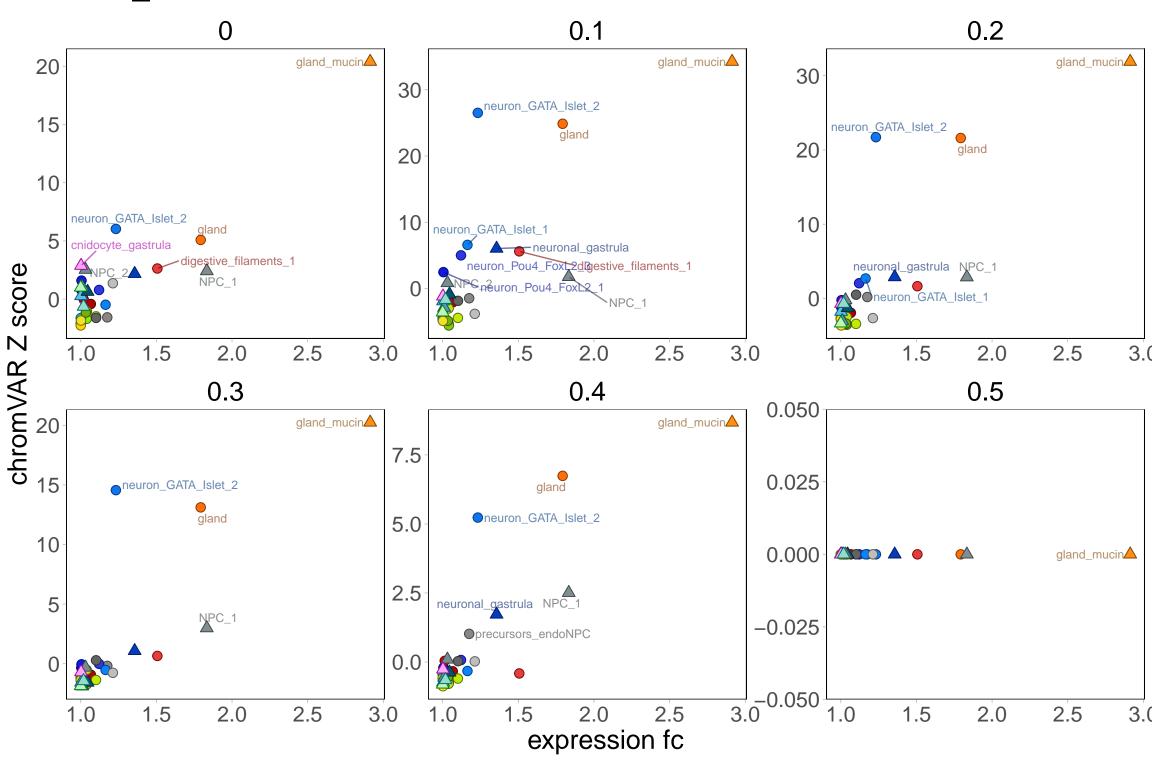
HSF-like (Nvec\_vc1.1\_XM\_001633014.3) HSF.HG1.4:like:HSF1/HSF2/HSF4 ARCH712\_Hsf1/Hsf2/Hsf4/Hsf3



PTF1a (Nvec\_vc1.1\_XM\_032385496.2) HLH.HG1.91:like:FERD3L/PTF1A ARCH867\_ZEB1\_\_PL0011.1\_hlh-...



Rfx4 (Nvec\_vc1.1\_XM\_032375228.2) RFX.HG1.3:like:RFX4/RFX6/RFX8 Rfx4\_homer



RFX1/2/3 (Nvec\_vc1.1\_XM\_032385647.2) RFX.HG1.2:RFX1/RFX2/RFX3 ARCH1359\_Rfx1/Rfx3/Rfx2\_Rfx6

