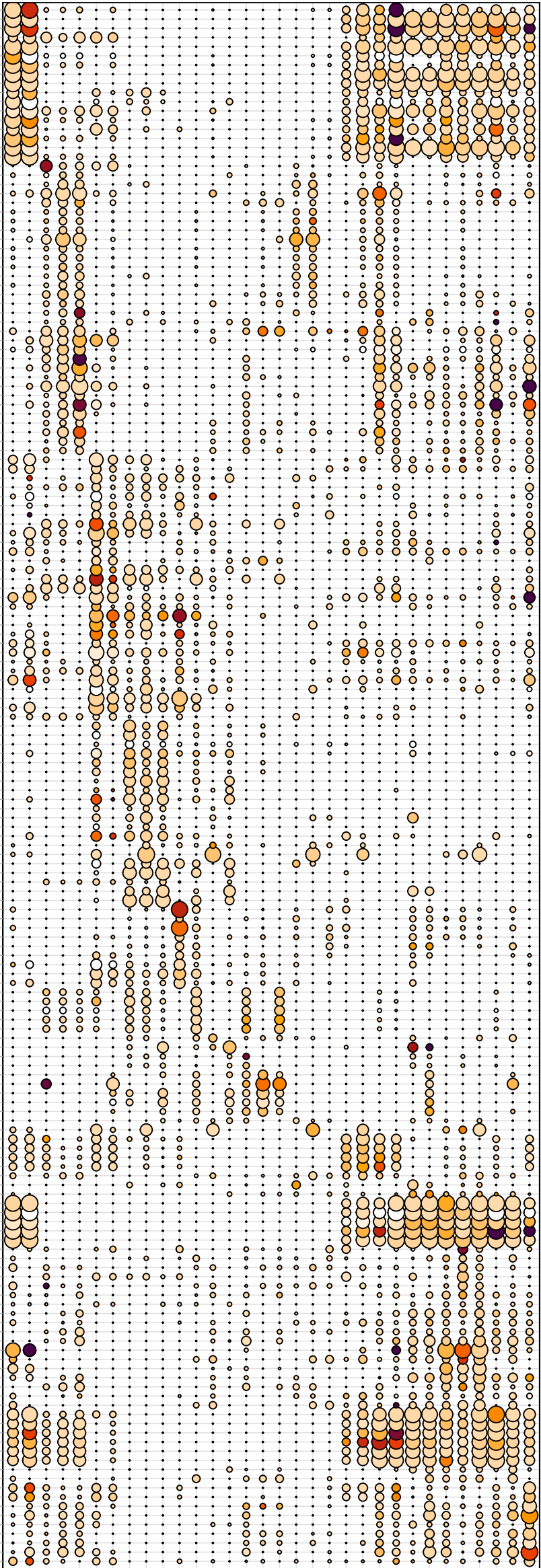


HLH.HG1.76:ATOH8
T-box.HG1.11:TBX2/TBX3
HLH.HG1.38:MXD3/MXD3/MXD3
zf-C2H2.HG95.1:NA
zf-C2H2.HG16.2:like:TRERF1/ZNF541
zf-C2H2.HG1.30:like:AC008758.1/AC0087...
HLH.HG1.29:MYC/MYCL/MYCN
HLH.HG1.77:like:NEUROD1/NEUROD2/NEURO...
zf-C2H2.HG7.4:SCRT1/SCRT2
HLH.HG1.45:TCF3/TCF4/TCF12
Sp6-9
PTF1a
zf-C2H2.HG1.7:PRDM13
HLH.HG1.29:MYC/MYCL/MYCN
zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
Brachyury
SoxB2/SoxB3
Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO...
NvSoxB2a
NvSoxB1
HLH.HG1.63:like:HES5/HES7
HLH.HG1.63:like:HES5/HES7
HLH.HG1.62:like:HES5/HES7
Homeodomains.HG2.27:like:PAX1/PAX2/PAX3
HLH.HG1.29:MYC/MYCL/MYCN
HLH.HG1.64:like:ASCL1/ASCL2/ASCL3/ASC...
HLH.HG1.11:HEY1/HEY2/HEYL
FoxQ2d
HLH.HG1.107:like:HES5/HES7
E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6
NvSox1
Six3/6
Homeodomains.HG2.62:VSX1/VSX2
HMGbox_Sox.HG1.37:like:SSRP1
T-box.HG1.12:TBX4/TBX5
HLH.HG1.53:HES5/HES7
Homeodomains.HG2.33:like:PAX1/PAX9
Isllet
Homeodomains.HG1.31:DLX1/DLX2/DLX3/DL...
NOTO
Homeodomains.HG1.48:MSX1/MSX2
Anthox1/Ax1
Homeodomains.HG2.9:LHX6/LHX8/ZFHX2/ZF...
Homeodomains.HG2.69:OTF
FoxQ2a
Homeodomains.HG2.21:like:LEUTX
LMX
bZIP.HG1.12:CREBZF
HLH.HG1.19:HELT
PaxA
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB...
Nem64
bZIP.HG1.6:JUN/JUNB/JUND
ZNF845
OtxC
SMAD_MH1.HG1.6:SMAD1/SMAD5/SMAD9
AsnA
bZIP.HG1.8:ATF4/ATF5
Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX...
Nkx-2.2a
OtxB
zf-C2H2.HG1.17:like:AC008758.1/AC0087...
CREB3
NVHD033-ANTP
Ets.HG1.5:ERF/ERFL/ERG/ETV3/ETV3L/FEV...
zf-C2H2.HG4.7:like:ZIC1/ZIC2/ZIC3/ZIC...
zf-C2H2.HG2.21:KLF5
bZIP.HG2.10:DBP/HLF/TEF
Hes2
Prdm14d
zf-C2H2.HG1.36:like:AC008758.1/AC0087...
bZIP.HG1.14:like:CREB3/CREB3L1/CREB3L...
Zic-C
Ets.HG1.8:ETS1/ETS2
HLH.HG1.33:MITF/TFE3/TFEB/TFEC
Grainyhead
Tbx1/10-2
Tbx20
HSF-like
CSD.HG1.6:YBX1/YBX2/YBX3
Tbx1/10-1
Tbx20-1
Homeodomains.HG2.72:like:DMBX1
SnailA
Six4/5
NvSoxE1
AP-2.HG1.0:TFAP2A/TFAP2B/TFAP2C/TFAP2...
NvSoxF1
Hand2
zf-C2H2.HG1.24:like:AC008758.1/AC0087...
zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC...
PAX3/7
Lbx
Hhex
VAX-EMX-Like
BarH-Like3
IRF1-2c
bZIP.HG1.17:ATF3/IDF2
IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IR...
bZIP.HG2.10:DBP/HLF/TEF
Pea3/Ets
ETV6/7
Cnido-Jun
Ets.HG1.9:AC020909.1/SPI1/SPIB/SPIC
Cnido-Fos1
Homeodomains.HG2.70:ARX
Homeodomains.HG2.43:GSC/GSC2
Homeodomains.HG1.47:like:MSX1/MSX2
Homeodomains.HG2.64:PITX1/PITX2/PITX3
Homeodomains.HG1.47:like:MSX1/MSX2
Nem24
GATA
Homeodomains.HG1.21:BARX1/BARX2/BSX/D...
Homeodomains.HG1.24:like:HHEX/LBX1/LB...
Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX...
FoxA
Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX...
Homeodomains.HG1.21:BARX1/BARX2/BSX/D...
Homeodomains.HG3.20:MEIS1/MEIS2/MEIS3
Nem7
zf-C2H2.HG1.29:like:AC008758.1/AC0087...
HLH.HG1.63:like:HES5/HES7
Myc2
Ptx1
Atf-like
Forkhead.HG1.16:FOXN2/FOXN3
HSF.HG1.5:HSF1/HSF2/HSF4
Homeodomains.HG1.34:HMX1/HMX2/HMX3
zf-C2H2.HG87.0:NA
zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
zf-C2H2.HG1.44:EGR1/EGR2/EGR3/EGR4
Insm1
zf-C2H2.HG6.2:MYT1/MYT1L/ST18
Runt_Runx.HG1.0:RUNX1/RUNX2/RUNX3
Forkhead.HG1.12:FOXN1/FOXN4/FOXR1/FOXR2
FoxJ1
Myb.HG1.9:NCOR1/NCOR2
FoxB
Homeodomains.HG2.24:like:LEUTX
FoxC
Homeodomains.HG2.20:LHX1/LHX3/LHX4/LH...
zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
Homeodomains.HG2.36:like:AC025287.4/A...
ARID_BRIGHT.HG1.9:ARID3A/ARID3B/ARID3C
Pou4
FoxL2
Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3
Homeodomains.HG4.10:POU3F1/POU3F2/POU...
SoxB2/SoxB3
zf-C2H2.HG1.122:ZNF367
FoxA/D?/FASCL5
HLH.HG1.68:like:ASCL3/ASCL4/ASCL5
HMGbox_Sox.HG1.10:BBX
NvSox2
NvSoxC
SoxB2
NvSoxA
Anthox6/Ax6
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB...
bZIP.HG1.3:like:JUN/JUNB/JUND
XBP1
Rfx4/6/8
Rfx4
Homeodomains.HG2.29:PAX4/PAX6
RFX.HG1.6:like:RFX6
RFX.HG1.1:RFX6/RFX7
RFX1/2/3
bZIP.HG1.17:ATF3/JDP2

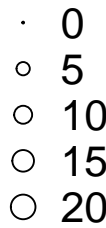
170 marker TFs



TF expression
fold change



TF motif activity



cnidocyte
cnidocyte_gastrula
ecto_pharynx
ectoderm
ecto_aboral
EMS
EMS_ecto_boundary
gastro_circular_muscle.1
gastro_circular_muscle.2
gastro_parietal_muscle
gastro_IRF1.2
gastro_somatic_gonad
muscle_tentacle_retractor
muscle_mesentery_retractor
digestive_filaments.1
digestive_filaments.2
digestive_filaments.3
epidermis.1
epidermis.2
precursors_PGC
precursors_endoNPC
precursors_NPC
NPC.1
NPC.2
neuron_GATA_Islet.1
neuron_GATA_Islet.2
neuron_Pou4_FoxL2.1
neuron_Pou4_FoxL2.2
neuron_Pou4_FoxL2.3
neural
gland
gland_mucin