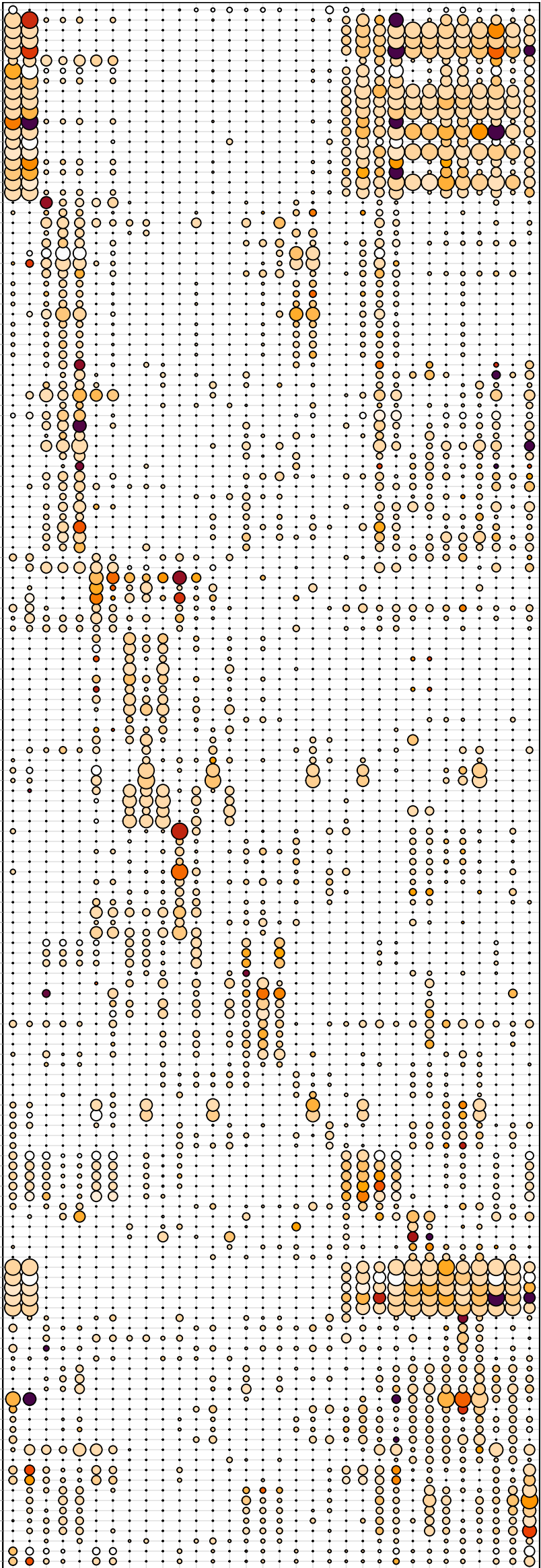154 marker TFs

Row labels (top to bottom):
HSF–like
Klf13
HLH.HG1.68:like:ASCL3/ASCL4/ASCL5
HLH.HG1.76:ATOH8
BHMG1
T–box.HG1.11:TBX2/TBX3
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...
ZNF845
AshA
zf–C2H2.HG7.4:SCRT1/SCRT2
HLH.HG1.45:TCF3/TCF4/TCF12
Sp6–9
zf–C2H2.HG1.7:PRDM13
HLH.HG1.29:MYC/MYCL/MYCN
zf–C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B
Brachyury
HLH.HG1.55:like:TCF23/TCF24
Homeodomains.HG2.24:like:LEUTX
Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO...
NvSox1
PAX3/7
PaxA
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/PA...
HLH.HG1.29:MYC/MYCL/MYCN
HLH.HG1.64:like:ASCL1/ASCL2/ASCL3/ASC...
HLH.HG1.11:HEY1/HEY2/HEYL
HLH.HG1.107:like:HES5/HES6
Six3/6
Homeodomains.HG2.62:VSX1/VSX2
Homeodomains.HG2.70:ARX
T–box.HG1.12:TBX4/TBX5
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB...
HLH.HG1.53:HES5/HES7
Homeodomains.HG2.33:like:PAX1/PAX9
Homeodomains.HG1.31:DLX1/DLX2/DLX3/DL...
NOTO
Hhex
Anthox1/Ax1
Homeodomains.HG4.10:POU3F1/POU3F2/POU...
Homeodomains.HG2.9:LHX6/LHX8/ZFHX2/ZF...
SoxB2/Sox3
NVHD033–ANTP
Homeodomains.HG2.69:OTP
FoxQ2a
Homeodomains.HG2.21:like:LEUTX
Homeodomains.HG1.24:like:HHEX/LBX1/LB...
HLH.HG1.38:MXD1/MXD3/MXD4/MXI1
zf–C2H2.HG1.17:like:AC008758.1/AC0087...
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
zf–C2H2.HG1.36:like:AC008758.1/AC0087...
Grainyhead
Tbx1/10–2
TBX20
OtxC
Nkx–2.2a
Tbx1/10–1
OtxB
Tbx20–1
Homeodomains.HG2.72:like:DMBX1
Hand2
SnailA
AP–2.HG1.0:TFAP2A/TFAP2B/TFAP2C/TFAP2...
zf–C2H2.HG2.20:KLF6/KLF7
zf–C2H2.HG1.24:like:AC008758.1/AC0087...
zf–C2H2.HG4.3:like:ZIC1/ZIC2/ZIC3/ZIC...
zf–C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC...
NR12
Lbx
VAx–EMX–Like
BarH–Like3
IRF1–2c
bZIP.HG1.17:ATF3/JDP2
bZIP.HG1.0:CREBL2
bZIP.HG1.6:JUN/JUNB/JUND
IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IR...
bZIP.HG2.10:DBP/HLF/TEF
Pea3/Ets
ETV6/7
Ets.HG1.9:AC020909.1/SPI1/SPIB/SPIC
Cnido–Fos1
Ets.HG1.8:ETS1/ETS2
Homeodomains.HG1.47:like:MSX1/MSX2
Homeodomains.HG2.64:PITX1/PITX2/PITX3
Homeodomains.HG1.47:like:MSX1/MSX2
Homeodomains.HG1.21:BARX1/BARX2/BSX/D...
Six4/0
FoxA
Homeodomains.HG1.19:NKX2–1/NKX2–2/NKX...
Homeodomains.HG1.21:BARX1/BARX2/BSX/D...
Homeodomains.HG1.37:NKX6–1/NKX6–2/NKX6–3...
Homeodomains.HG1.19:NKX2–1/NKX2–2/NKX...
Homeodomains.HG3.20:MEIS1/MEIS2/MEIS3...
FoxQ2d
LMX
Nem24
Nem7
CREB3
zf–C2H2.HG1.29:like:AC008758.1/AC0087...
Zic–C
HLH.HG1.19:HELT
Homeodomains.HG1.44:EMX1/EMX2
RHD_Rel.HG1.0:like:NFAT5/NFATC1/NFATC...
Nem64
Myc2
Ptx1
Ath–like
Hes2
Forkhead.HG1.16:FOXN2/FOXN3
Islet
HSF.HG1.5:HSF1/HSF2/HSF4
GATA
Homeodomains.HG1.34:HMX1/HMX2/HMX3
Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB...
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
FoxJ1
Myb.HG1.9:NCOR1/NCOR2
FoxB
FoxC
Homeodomains.HG2.20:LHX1/LHX3/LHX4/LH...
Homeodomains.HG2.36:like:AC025287.4/A...
ARID_BRIGHT.HG1.9:ARID3A/ARID3B/ARID3C
Pou4
FoxL2
zf–C2H2.HG23.0:ZNF34
zf–C2H2.HG1.122:ZNF367
FoxA/D?
T–box.HG1.4:like:EOMES/TBR1/TBX19/TBX...
Anthox6/Ax6
bZIP.HG1.3:like:JUN/JUNB/JUND
XBP1
Rfx4/6/8
Rfx4
RFX.HG1.6:like:RFX6
RFX.HG1.11:RFX5/RFX7
RFX1/2/3
Prdm14d
Cnido–Jun
bZIP.HG1.17:ATF3/JDP2

Column labels (left to right):
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
neuronal_gastrula
gland
gland_mucin

Legend:
TF expression fold change
8
6
4
2
0

TF motif activity
0
5
10
15
20