#### Tadh OG\_3825 Tadh\_wf\_g12270.t1 zf-C2H2.HG23.0:OVOL1/OVOL2/OVOL3 10 metacells Tadh OG\_3825 Tadh\_TriadT24667 zf-C2H2.HG23.0:OVOL1/OVOL2/OVOL3 10 metacells TrH2 OG\_3825 TrH2\_TrispH2\_004332-RA zf-C2H2.HG23.0:OVOL1/OVOL2/OVOL3 metacells Hhon OG\_3825 Hhon\_g06255.t1 zf-C2H2.HG23.0:OVOL1/OVOL2/OVOL3 10 metacells HoiH23 OG\_3825 HoiH23\_PIH23\_008786-RA zf-C2H2.HG23.0:OVOL1/OVOL2/OVOL3 10 metacells

Tadh OG\_8892 Tadh\_TriadT30534
Forkhead.HG1.13:FOXC1/FOXC2/FOXL1/FOXS1 10 metacells TrH2 OG\_8892 TrH2\_TrispH2\_000693-RA
Forkhead.HG1.13:FOXC1/FOXC2/FOXL1/FOXS1 10 metacells Hhon OG\_8892 Hhon\_g07828.t1 Forkhead.HG1.13:FOXC1/FOXC2/FOXL1/FOXS1 metacells HoiH23 OG\_8892 HoiH23\_PIH23\_009379-RA Forkhead.HG1.13:FOXC1/FOXC2/FOXL1/FOXS1 10 

Tadh OG\_4061 Tadh\_TriadT7285 IG1.74:like:GFI1/MAZ/MYNN/PATZ1/PRDM5/SALL1/SALL2/SALL3/SALL4/SNAI1/SNAI2/SNAI: ф 2 whale metacells TrH2 OG\_4061 TrH2\_TrispH2\_007826-RA IG1.74:like:GFI1/MAZ/MYNN/PATZ1/PRDM5/SALL1/SALL2/SALL3/SALL4/SNAI1/SNAI2/SNAI: ф metacells Hhon OG\_4061 Hhon\_g03333.t1 IG1.74:like:GFI1/MAZ/MYNN/PATZ1/PRDM5/SALL1/SALL2/SALL3/SALL4/SNAI1/SNAI2/SNAI: 5 ф  $^{-4}{}^{+}$ metacells HoiH23 OG\_4061 HoiH23\_PIH23\_003771-RA IG1.74:like:GFI1/MAZ/MYNN/PATZ1/PRDM5/SALL1/SALL2/SALL3/SALL4/SNAI1/SNAI2/SNAI: 5 ф 2 

## RHD\_Rel.HG1.1:like:NFKB1/NFKB2/REL/RELA/RELB Tadh | no data TrH2 OG\_5534 TrH2\_TrispH2\_003409-RA RHD\_Rel.HG1.1:like:NFKB1/NFKB2/REL/RELA/RELB 10 $\begin{smallmatrix} 1&4&5&5&5&5&5\\ 1&4&5&5&5&5&5\\ 2&5&5&5&5&5&5\\ 2&$ metacells Hhon OG\_5534 Hhon\_g02740.t1 RHD\_Rel.HG1.1:like:NFKB1/NFKB2/REL/RELA/RELB metacells HoiH23 OG\_5534 HoiH23\_PIH23\_004035-RA RHD\_Rel.HG1.1:like:NFKB1/NFKB2/REL/RELA/RELB 10 metacells HoiH23 OG\_5534 HoiH23\_PIH23\_001173-RA RHD\_Rel.HG1.1:like:NFKB1/NFKB2/REL/RELA/RELB

metacells

### Tadh OG\_8894 Tadh\_TriadT30602 Forkhead.HG1.18:FOXF1/FOXF2 10 metacells TrH2 OG\_8894 TrH2\_TrispH2\_000696-RA Forkhead.HG1.18:FOXF1/FOXF2 $\begin{smallmatrix} 1&4&5&5&5&5&5\\ 1&4&5&5&5&5&5\\ 2&5&5&5&5&5&5\\ 2&$ metacells Hhon OG\_8894 Hhon\_g07830.t1 Forkhead.HG1.18:FOXF1/FOXF2 $^{-4}{}^{+}{}^{}$ metacells HoiH23 OG\_8894 HoiH23\_PIH23\_009381-RA Forkhead.HG1.18:FOXF1/FOXF2

# Tadh | no data TrH2 OG\_9151 TrH2\_TrispH2\_005675-RA like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6,signal\_transducer\_and\_activator\_of metacells **Hhon OG\_9151** Hhon\_g00368.t1 like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6,signal\_transducer\_and\_activator\_of $^{-4}{}^{+}$ metacells HoiH23 OG\_9151 HoiH23\_PIH23\_003717-RA like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6,signal\_transducer\_and\_activator\_of metacells

like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6,signal\_transducer\_and\_activator\_of

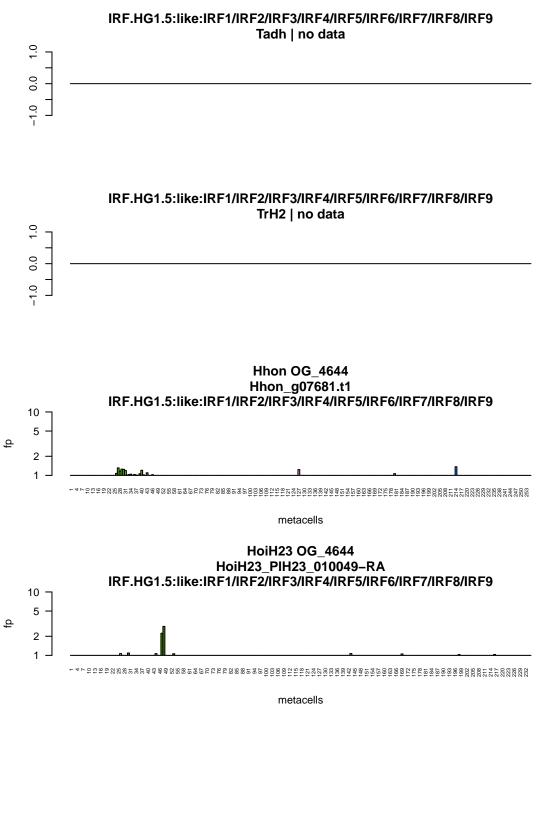
#### Tadh OG\_4028 Tadh\_TriadT60748 Homeodomains.HG1.59:like:GSX1/GSX2 10 metacells TrH2 OG\_4028 TrH2\_TrispH2\_005001-RA Homeodomains.HG1.59:like:GSX1/GSX2 10 metacells **Hhon OG\_4028** Hhon\_g07173.t1 Homeodomains.HG1.59:like:GSX1/GSX2 metacells HoiH23 OG\_4028 HoiH23\_PIH23\_010988-RA Homeodomains.HG1.59:like:GSX1/GSX2 10 metacells

#### **Tadh OG\_5936** Tadh\_TriadT59753 T-box.HG1.14:TBX2/TBX3 10 metacells TrH2 OG\_5936 TrH2\_TrispH2\_000333-RA T-box.HG1.14:TBX2/TBX3 10 metacells Hhon OG\_5936 Hhon\_g06969.t1 T-box.HG1.14:TBX2/TBX3 metacells HoiH23 OG\_5936 HoiH23\_PIH23\_000389-RA T-box.HG1.14:TBX2/TBX3 10 metacells

#### **Tadh OG\_9707** Tadh\_TriadT50786 zf-C4\_Nuclear\_receptors.HG1.24:HNF4A/HNF4G 10 metacells TrH2 OG\_9707 TrH2\_hyp\_clust9682.t1 zf-C4\_Nuclear\_receptors.HG1.24:HNF4A/HNF4G 10 $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells Hhon OG\_9707 Hhon\_g09981.t1 zf-C4\_Nuclear\_receptors.HG1.24:HNF4A/HNF4G metacells HoiH23 OG\_9707 HoiH23\_PIH23\_005607-RA zf-C4\_Nuclear\_receptors.HG1.24:HNF4A/HNF4G 10

#### Tadh OG\_732 Tadh\_TriadT28952 Homeodomains.HG7.2:HNF1A/HNF1B 10 metacells TrH2 OG\_732 TrH2\_TrispH2\_005947-RA Homeodomains.HG7.2:HNF1A/HNF1B 10 metacells Hhon OG\_732 Hhon\_g02661.t1 Homeodomains.HG7.2:HNF1A/HNF1B metacells HoiH23 OG\_732 HoiH23\_PIH23\_000679-RA Homeodomains.HG7.2:HNF1A/HNF1B 10

Tadh OG\_2440 Tadh\_TriadT9178 Homeodomains.HG1.1:CDX1/CDX2/CDX4/HOXA13/HOXB13/HOXC13/HOXD13 2 metacells TrH2 OG\_2440 TrH2\_TrispH2\_011890-RA
Homeodomains.HG1.1:CDX1/CDX2/CDX4/HOXA13/HOXB13/HOXC13/HOXD13 10 metacells Hhon OG\_2440 Hhon\_g09134.t1 Homeodomains.HG1.1:CDX1/CDX2/CDX4/HOXA13/HOXB13/HOXC13/HOXD13 metacells Homeodomains.HG1.1:CDX1/CDX2/CDX4/HOXA13/HOXB13/HOXC13/HOXD13 HoiH23 | no data



#### **Tadh OG\_4878** Tadh\_TriadT21017 Forkhead.HG1.6:FOXK1/FOXK2 10 metacells TrH2 OG\_4878 TrH2\_TrispH2\_009606-RA Forkhead.HG1.6:FOXK1/FOXK2 10 metacells Hhon OG\_4878 Hhon\_g00319.t1 Forkhead.HG1.6:FOXK1/FOXK2 metacells HoiH23 OG\_4878 HoiH23\_PIH23\_009490-RA Forkhead.HG1.6:FOXK1/FOXK2 10

Tadh OG\_7694
Tadh\_TriadT15889

IF367;zf-met.HG1.87:like:GFI1/MAZ/PATZ1/SALL1/SALL2/SALL3/SALL4/ZBTB14/ZBTB49/ZN

metacells

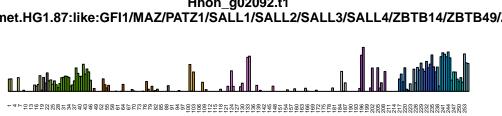
TrH2 OG\_7694
TrH2\_TrispH2\_006817-RA

IF367;zf-met.HG1.87:like:GFI1/MAZ/PATZ1/SALL1/SALL2/SALL3/SALL4/ZBTB14/ZBTB49/ZN

metacells

Hhon OG\_7694
Hhon\_g02092.t1

IF367;zf-met.HG1.87:like:GFI1/MAZ/PATZ1/SALL1/SALL2/SALL3/SALL4/ZBTB14/ZBTB49/ZN



ф

metacells

# Tadh | no data TrH2 OG\_8544 TrH2\_TrispH2\_002326-RA LL1/SALL2/SALL3/SALL4/ZBTB14/ZBTB49/ZNF236/ZNF384/ZNF426/ZNF524/ZNF559-ZNF17 LL1/SALL2/SALL3/SALL4/ZBTB14/ZBTB49/ZNF236/ZNF384/ZNF426/ZNF524/ZNF559-ZNF17 Hhon | no data HoiH23 OG\_8544 HoiH23\_PIH23\_001933-RA LL1/SALL2/SALL3/SALL4/ZBTB14/ZBTB49/ZNF236/ZNF384/ZNF426/ZNF524/ZNF559-ZNF17 5 metacells

LL1/SALL2/SALL3/SALL4/ZBTB14/ZBTB49/ZNF236/ZNF384/ZNF426/ZNF524/ZNF559-ZNF17

#### 

10

HoiH23 OG\_9882 HoiH23\_PIH23\_008508-RA RFX.HG1.5:like:RFX4/RFX6