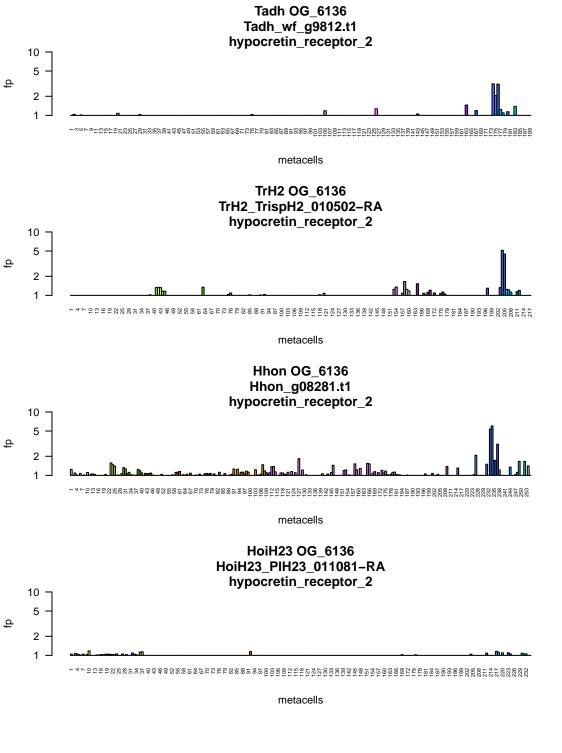


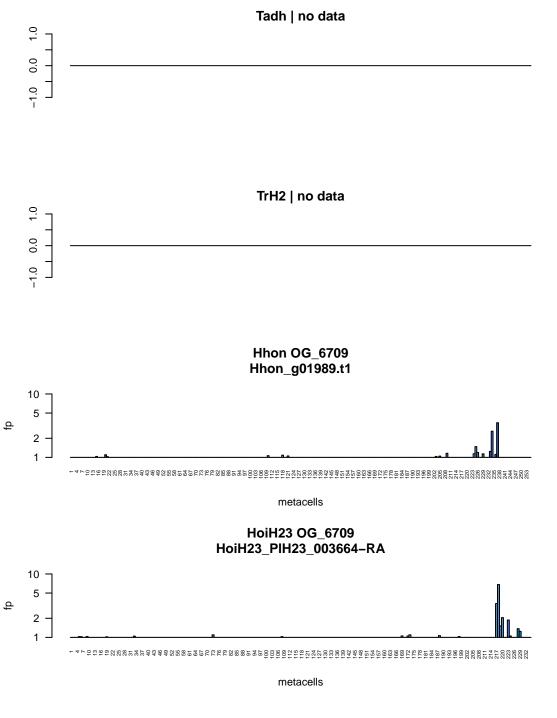
## olfactory\_receptor\_family\_51\_subfamily\_L\_member\_1 Tadh | no data TrH2 OG\_5205 TrH2\_TrispH2\_004137-RA olfactory\_receptor\_family\_51\_subfamily\_L\_member\_1 10 metacells **Hhon OG\_5205** Hhon\_g01681.t1 olfactory\_receptor\_family\_51\_subfamily\_L\_member\_1 metacells HoiH23 OG\_5205 HoiH23\_PIH23\_003636-RA olfactory\_receptor\_family\_51\_subfamily\_L\_member\_1 10 metacells

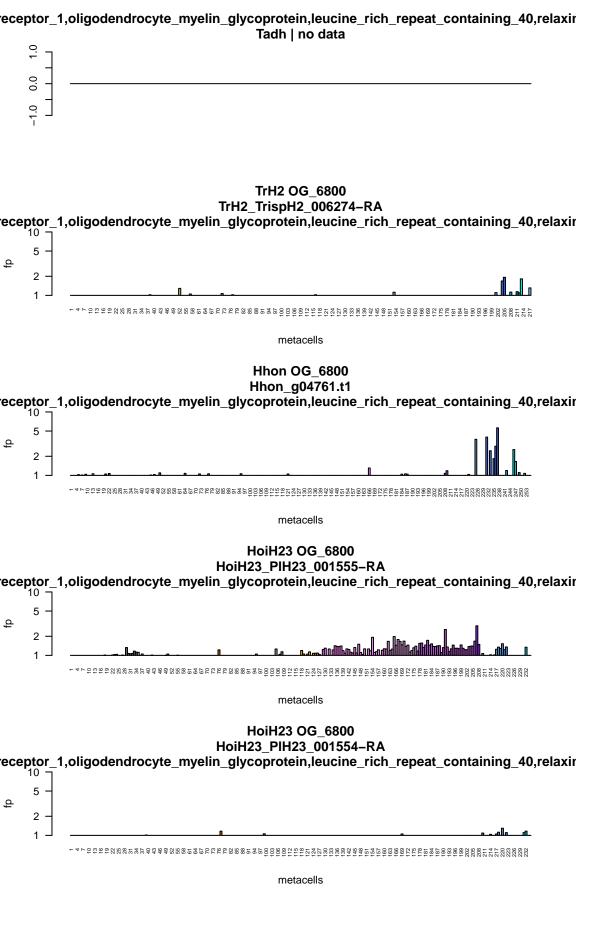
**Tadh OG\_3980** Tadh\_TriadT8072 /nt\_family\_member\_2,Wnt\_family\_member\_7A,Wnt\_family\_member\_5A,Wnt\_family\_membe 2 metacells Tadh OG\_3980 Tadh\_TriadT60019 ומנום וומנות ביום וומנות ביום וומנות את אחר ביום את א ארבים וומנות את ביום וומנות את ביום וומנות את ביום וומנות את ביום וומנות ביום וומנות את ביום וומנות את ביום א ארבים וומנות את ביום וומנות את metacells TrH2 OG\_3980 TrH2\_TrispH2\_009161-RA /nt\_family\_member\_2,Wnt\_family\_member\_7A,Wnt\_family\_member\_5A,Wnt\_family\_member\_10 ¬ metacells TrH2 OG\_3980 TrH2\_TrispH2\_011947-RA /nt\_family\_member\_2,Wnt\_family\_member\_7A,Wnt\_family\_member\_5A,Wnt\_family\_member metacells Hhon OG\_3980 Hhon\_g10513.t1 Int\_family\_member\_2,Wnt\_family\_member\_7A,Wnt\_family\_member\_5A,Wnt\_family\_member\_10 ¬ 2 metacells HoiH23 OG\_3980 HoiH23\_PIH23\_005347-RA /nt\_family\_member\_2,Wnt\_family\_member\_7A,Wnt\_family\_member\_5A,Wnt\_family\_member\_10 ¬  $^{-4} + ^{0} +$ metacells

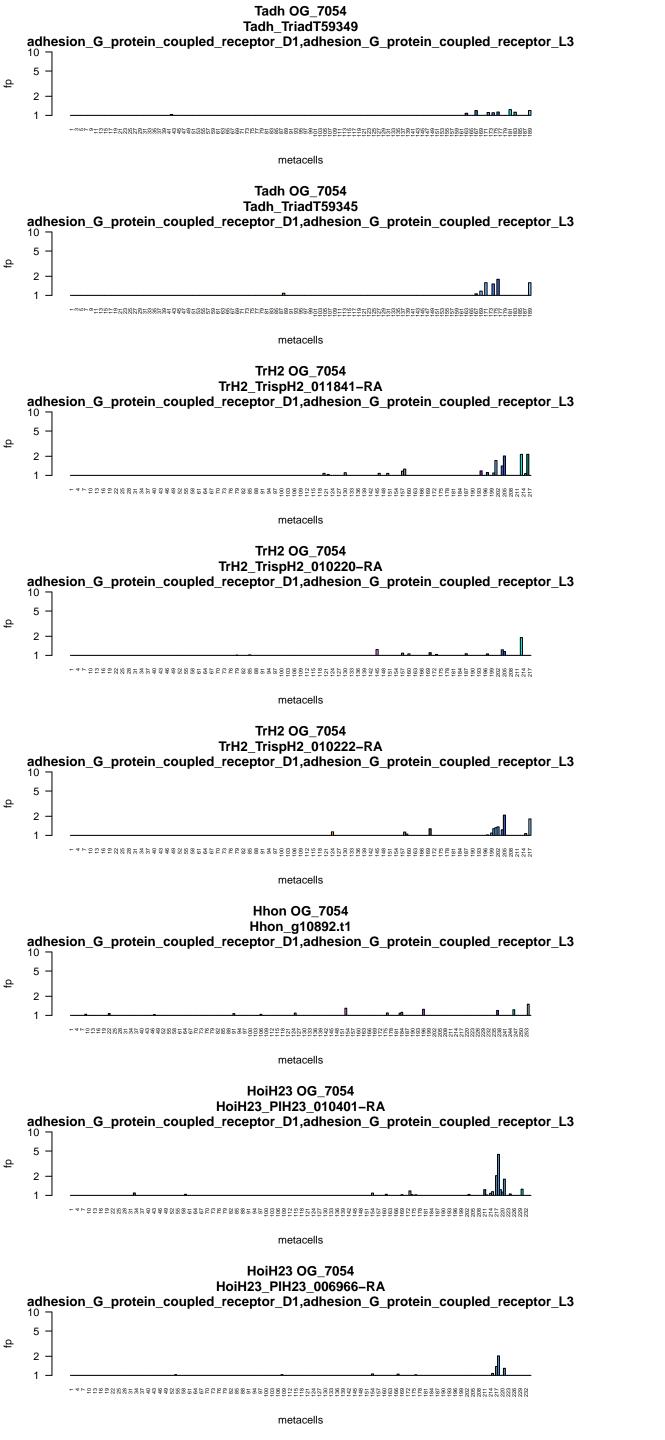
# **Tadh OG\_4087** Tadh\_TriadT62196 relaxin\_family\_peptide\_receptor\_2 metacells TrH2 OG\_4087 TrH2\_TrispH2\_011172-RA relaxin\_family\_peptide\_receptor\_2 metacells TrH2 OG\_4087 TrH2\_TrispH2\_011174-RA relaxin\_family\_peptide\_receptor\_2 metacells relaxin\_family\_peptide\_receptor\_2 Hhon | no data relaxin\_family\_peptide\_receptor\_2 HoiH23 | no data



### Tadh OG\_6348 Tadh\_TriadT56600 relaxin\_family\_peptide\_receptor\_2,relaxin\_family\_peptide\_receptor\_1 10 metacells TrH2 OG\_6348 TrH2\_TrispH2\_005870-RA relaxin\_family\_peptide\_receptor\_2,relaxin\_family\_peptide\_receptor\_1 10 metacells **Hhon OG\_6348** Hhon\_g07568.t1 relaxin\_family\_peptide\_receptor\_2,relaxin\_family\_peptide\_receptor\_1 $^{-4}{}^{+}$ metacells HoiH23 OG\_6348 HoiH23\_PIH23\_009099-RA relaxin\_family\_peptide\_receptor\_2,relaxin\_family\_peptide\_receptor\_1 10 metacells







## **Tadh OG\_7475** Tadh\_TriadT55699 $his tamine\_receptor\_H2, dopamine\_receptor\_D5$ metacells TrH2 OG\_7475 TrH2\_TrispH2\_001591-RA histamine\_receptor\_H2,dopamine\_receptor\_D5 10 metacells Hhon OG\_7475 Hhon\_g08211.t1 histamine\_receptor\_H2,dopamine\_receptor\_D5 metacells HoiH23 OG\_7475 HoiH23\_PIH23\_002794-RA $his tamine\_receptor\_H2, dopamine\_receptor\_D5$ metacells

# Tadh OG\_7792 Tadh\_wf\_g3279.t1 pyroglutamylated\_RFamide\_peptide\_receptor,tachykinin\_receptor\_3 metacells TrH2 OG\_7792 TrH2\_TrispH2\_001220-RA $pyroglutamylated\_RFamide\_peptide\_receptor, tachykinin\_receptor\_3$ 10 metacells pyroglutamylated\_RFamide\_peptide\_receptor,tachykinin\_receptor\_3 Hhon | no data HoiH23 OG\_7792 HoiH23\_PIH23\_003056-RA $pyroglutamy lated\_RFamide\_peptide\_receptor, tachykinin\_receptor\_3$ metacells

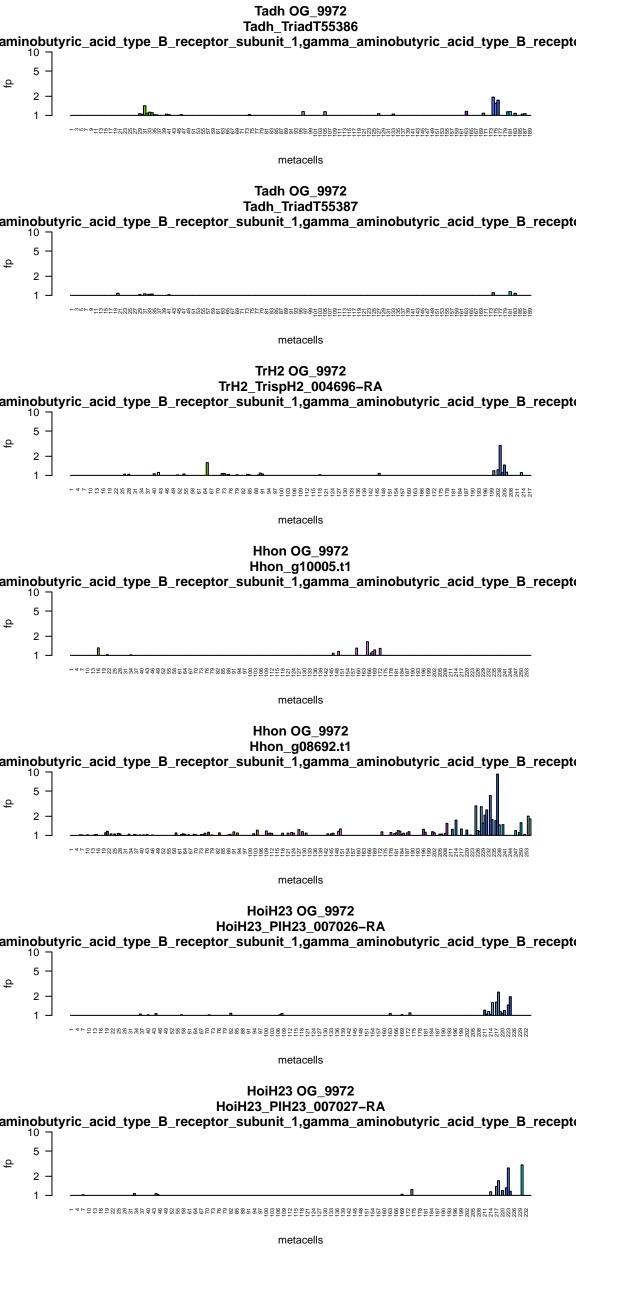
Tadh OG\_7819 Tadh\_TriadT5190 וומנות בוומנות וומנות המנות histamine\_receptor\_H2,5\_hydroxytryptamine\_receptor\_1D,trace\_amine\_associated\_receptor\_10 ק 2 metacells TrH2 OG\_7819 TrH2\_TrispH2\_001979-RA histamine\_receptor\_H2,5\_hydroxytryptamine\_receptor\_1D,trace\_amine\_associated\_receptor\_10 ¬ metacells Hhon OG\_7819 Hhon\_g00790.t1 histamine\_receptor\_H2,5\_hydroxytryptamine\_receptor\_1D,trace\_amine\_associated\_receptor\_10 ¬  $^{-4}{}^{+}$ metacells HoiH23 OG\_7819 HoiH23\_PIH23\_007745-RA histamine\_receptor\_H2,5\_hydroxytryptamine\_receptor\_1D,trace\_amine\_associated\_receptor\_10 ¬  $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ 

metacells

## Tadh OG\_8459 Tadh\_TriadT27553 NIMA\_related\_kinase\_7 10 metacells TrH2 OG\_8459 TrH2\_TrispH2\_000568-RA NIMA\_related\_kinase\_7 metacells Hhon OG\_8459 Hhon\_g00121.t1 NIMA\_related\_kinase\_7 metacells HoiH23 OG\_8459 HoiH23\_PIH23\_002844-RA NIMA\_related\_kinase\_7 10 metacells

 $^{-4}$ 

metacells



### Tadh OG\_10006 Tadh\_TriadT59025 $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ 10 metacells TrH2 OG\_10006 TrH2\_TrispH2\_006905-RA $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ 10 -metacells Hhon OG\_10006 Hhon\_g02706.t1 gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2 metacells HoiH23 OG\_10006 HoiH23\_PIH23\_010902-RA $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ 10 $^{-4} + ^{1} +$ metacells

# 

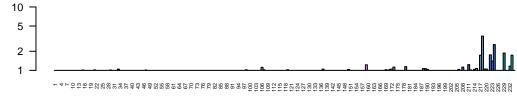
metacells

wetacells

#### Hhon OG\_1238 Hhon\_g04472.t1

#### HoiH23 OG\_1238 HoiH23\_PIH23\_000771-RA

metacells

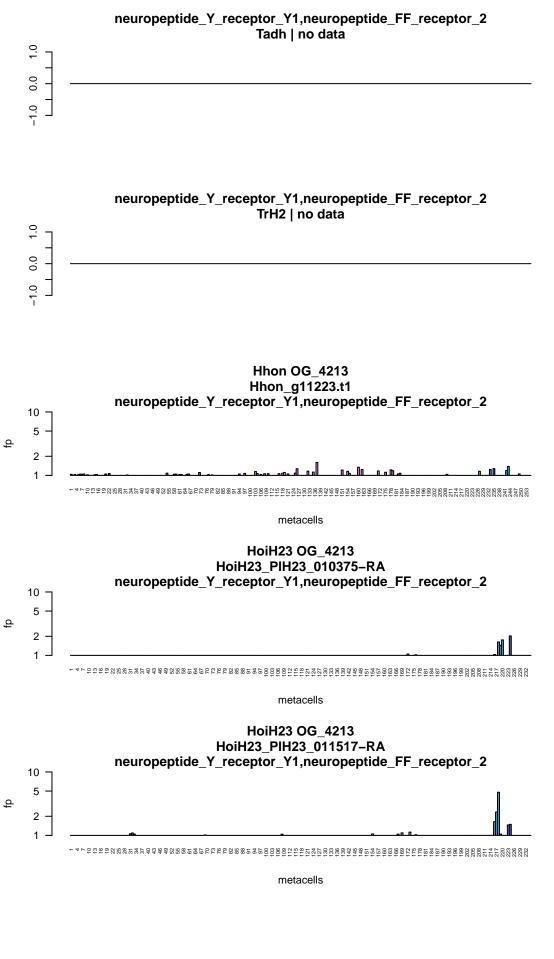


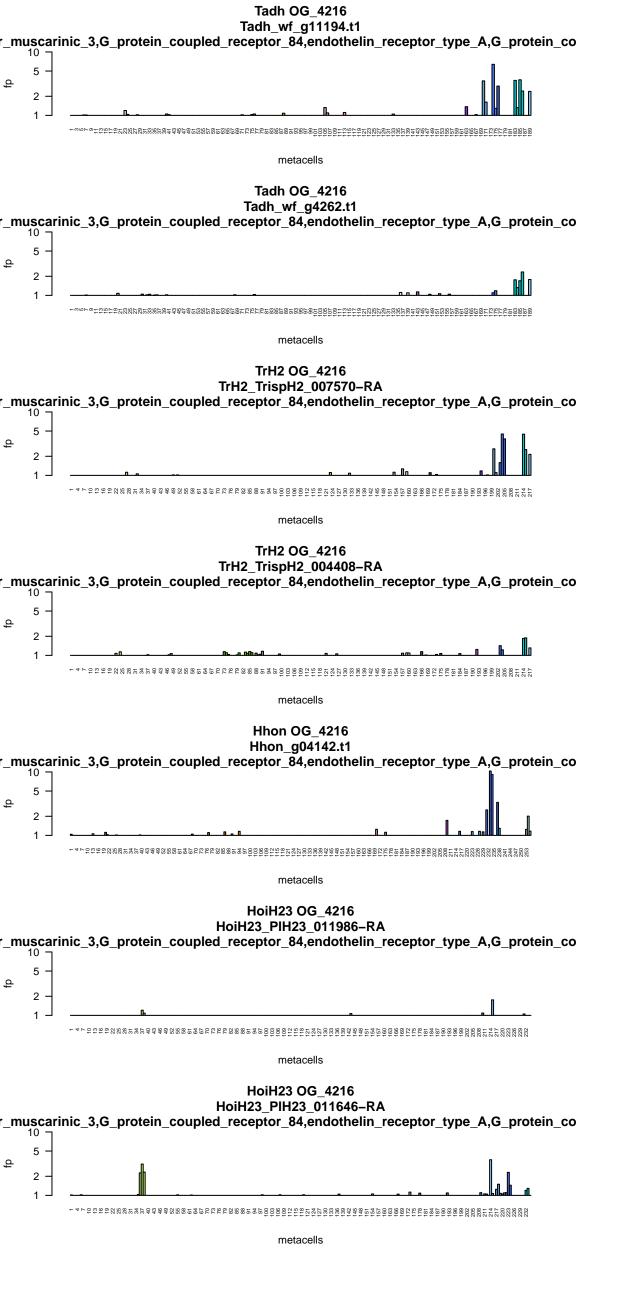
metacells

**Tadh OG\_3039** Tadh\_TriadT60495 \_family\_peptide\_receptor\_1,thyroid\_stimulating\_hormone\_receptor,relaxin\_family\_peptide\_ 2 metacells TrH2 OG\_3039 TrH2\_TrispH2\_003003-RA \_family\_peptide\_receptor\_1,thyroid\_stimulating\_hormone\_receptor,relaxin\_family\_peptide\_ 10 ¬ **Hhon OG\_3039** Hhon\_g08018.t1 \_family\_peptide\_receptor\_1,thyroid\_stimulating\_hormone\_receptor,relaxin\_family\_peptide\_ metacells HoiH23 OG\_3039 HoiH23\_PIH23\_007048-RA \_family\_peptide\_receptor\_1,thyroid\_stimulating\_hormone\_receptor,relaxin\_family\_peptide\_ 10 ¬  $^{-4} + ^{0} +$ metacells HoiH23 OG\_3039 HoiH23\_PIH23\_011274-RA \_family\_peptide\_receptor\_1,thyroid\_stimulating\_hormone\_receptor,relaxin\_family\_peptide\_ HoiH23 OG\_3039 HoiH23\_PIH23\_011236-RA \_family\_peptide\_receptor\_1,thyroid\_stimulating\_hormone\_receptor,relaxin\_family\_peptide\_  $^{-4} + ^{0} +$ metacells HoiH23 OG\_3039 HoiH23\_PIH23\_009011-RA \_family\_peptide\_receptor\_1,thyroid\_stimulating\_hormone\_receptor,relaxin\_family\_peptide\_ metacells

# Tadh OG\_3040 Tadh\_TriadT61214 relaxin\_family\_peptide\_receptor\_1 metacells Tadh OG\_3040 Tadh\_TriadT32302 relaxin\_family\_peptide\_receptor\_1 metacells TrH2 OG\_3040 TrH2\_TrispH2\_007673-RA relaxin\_family\_peptide\_receptor\_1 metacells relaxin\_family\_peptide\_receptor\_1 Hhon | no data HoiH23 OG\_3040 HoiH23\_PIH23\_005448-RA relaxin\_family\_peptide\_receptor\_1

# Tadh OG\_4210 Tadh\_wf\_g10594.t1 opioid\_receptor\_kappa\_1,tachykinin\_receptor\_1 metacells Tadh OG\_4210 Tadh\_wf\_g10595.t1 opioid\_receptor\_kappa\_1,tachykinin\_receptor\_1 metacells TrH2 OG\_4210 TrH2\_TrispH2\_011502-RA opioid\_receptor\_kappa\_1,tachykinin\_receptor\_1 metacells opioid\_receptor\_kappa\_1,tachykinin\_receptor\_1 Hhon | no data $opioid\_receptor\_kappa\_1, tachykinin\_receptor\_1$ HoiH23 | no data

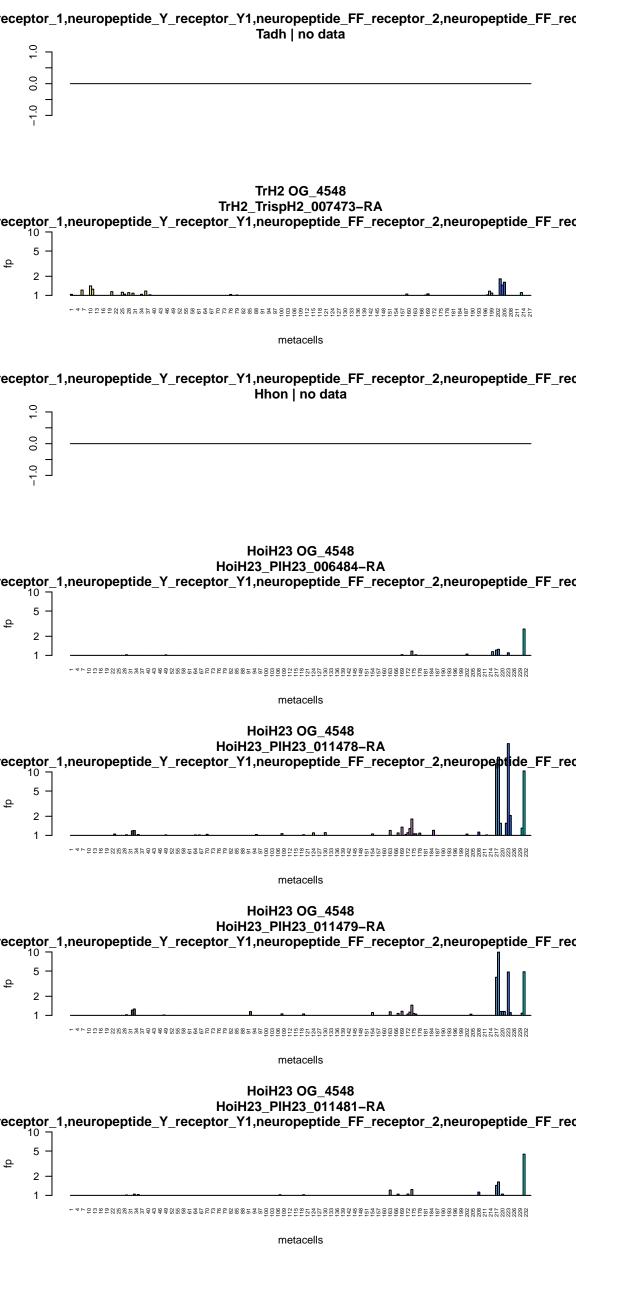


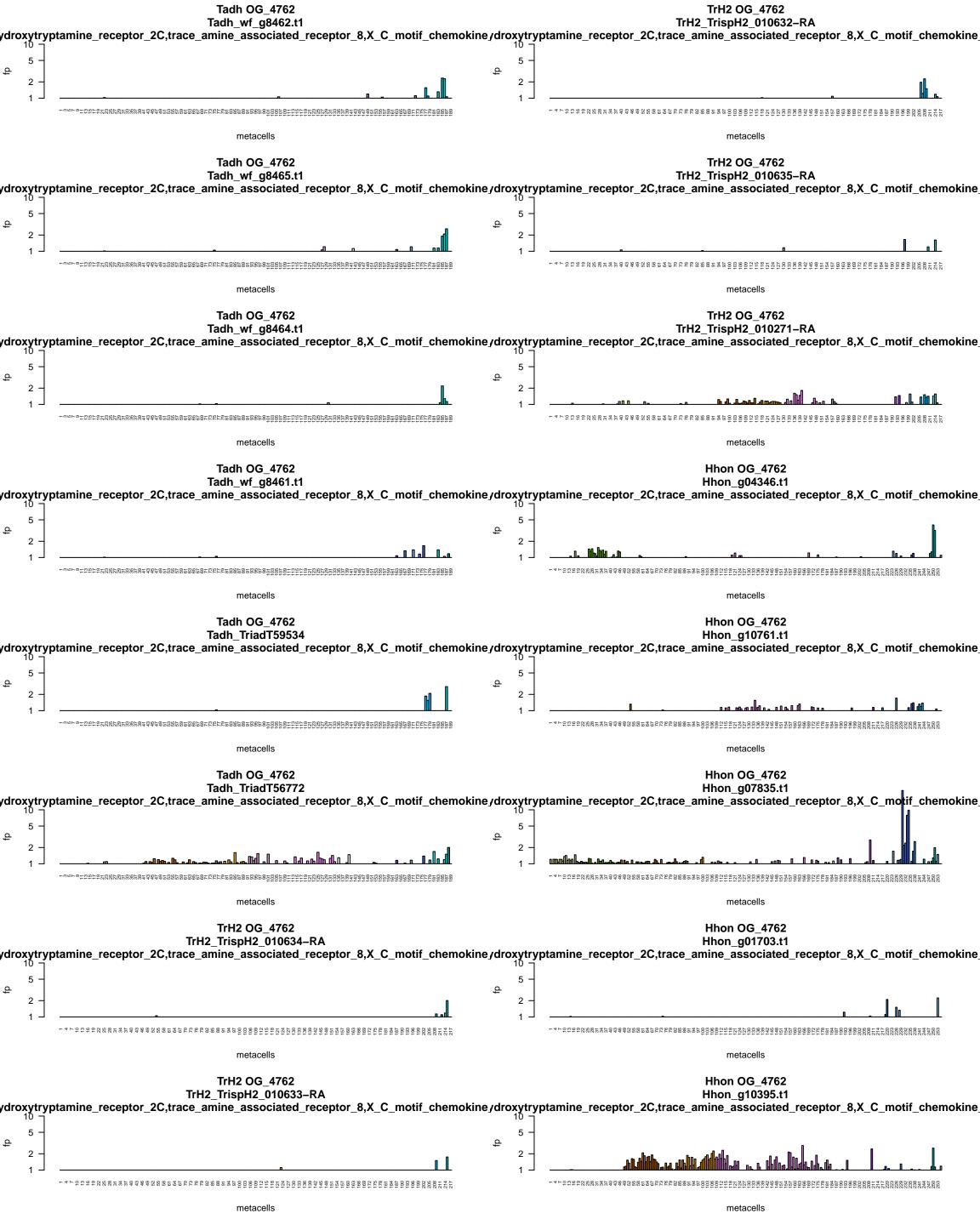


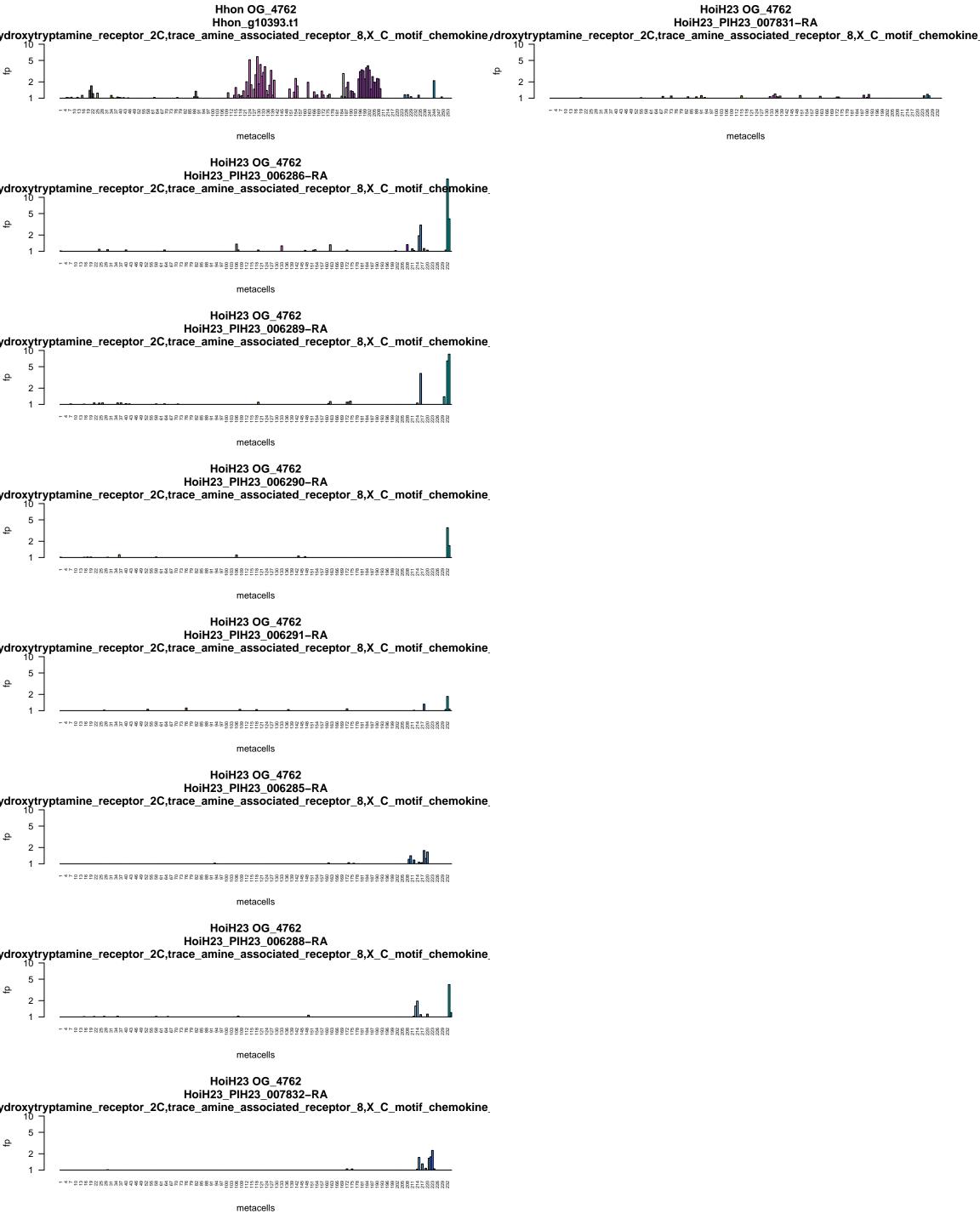
## Tadh OG\_4226 Tadh\_TriadT56623 G\_protein\_coupled\_receptor\_15,somatostatin\_receptor\_5 metacells TrH2 OG\_4226 TrH2\_TrispH2\_005896-RA ${\bf G\_protein\_coupled\_receptor\_15, somatostatin\_receptor\_5}$ 10 metacells ${\bf G\_protein\_coupled\_receptor\_15, somatostatin\_receptor\_5}$ Hhon | no data HoiH23 OG\_4226 HoiH23\_PIH23\_009980-RA G\_protein\_coupled\_receptor\_15,somatostatin\_receptor\_5 metacells











# Tadh OG\_4771 Tadh\_TriadT59535 $adenosine\_A3\_receptor, adrenoceptor\_alpha\_2B$ metacells TrH2 OG\_4771 TrH2\_TrispH2\_012175-RA $adenosine\_A3\_receptor, adrenoceptor\_alpha\_2B$ metacells $adenosine\_A3\_receptor, adrenoceptor\_alpha\_2B$ Hhon | no data HoiH23 OG\_4771 HoiH23\_PIH23\_006292-RA $adenosine\_A3\_receptor, adrenoceptor\_alpha\_2B$ metacells

### Tadh OG\_4824 Tadh\_TriadT52250 opsin\_4,tachykinin\_receptor\_3,adrenoceptor\_beta\_2 10 metacells TrH2 OG\_4824 TrH2\_TrispH2\_001020-RA opsin\_4,tachykinin\_receptor\_3,adrenoceptor\_beta\_2 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\_4824 Hhon\_g02899.t1 opsin\_4,tachykinin\_receptor\_3,adrenoceptor\_beta\_2 metacells HoiH23 OG\_4824 HoiH23\_PIH23\_008589-RA opsin\_4,tachykinin\_receptor\_3,adrenoceptor\_beta\_2 metacells

Tadh of 4965
Tadh wf g5353.t1

G-protein\_coupled\_receptor\_50,G\_protein\_coupled\_receptor\_101,neuropeptide\_FF\_recept

TH2 OG 4965
TrH2\_TrispH2\_001859=RA

G\_protein\_coupled\_receptor\_50,G\_protein\_coupled\_receptor\_101,neuropeptide\_FF\_recept

metacells

metacells

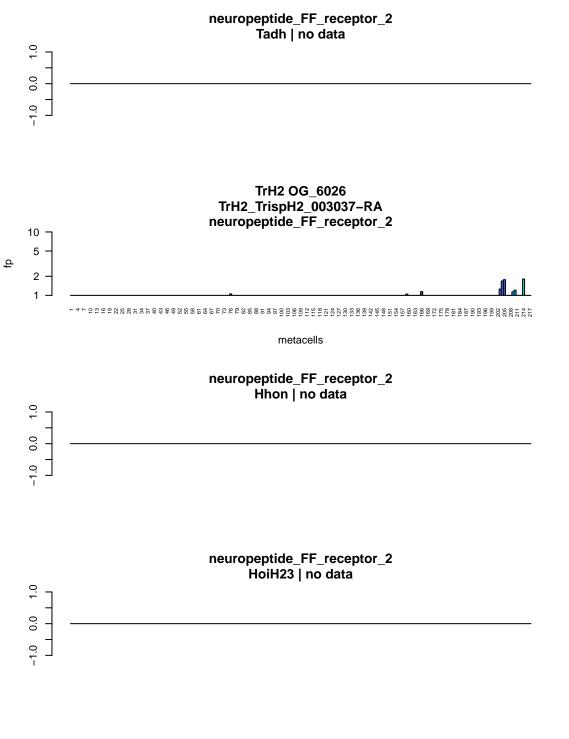
G\_protein\_coupled\_receptor\_50,G\_protein\_coupled\_receptor\_101,neuropeptide\_FF\_recept

Hhon | no data

G\_protein\_coupled\_receptor\_50,G\_protein\_coupled\_receptor\_101,neuropeptide\_FF\_recept

Hhon | no data

Tadh OG\_4981 Tadh\_TriadT58723 denosine\_A2a\_receptor,trace\_amine\_associated\_receptor\_5,5\_hydroxytryptamine\_recepto 2 metacells TrH2 OG\_4981 TrH2\_TrispH2\_006525-RA denosine\_A2a\_receptor,trace\_amine\_associated\_receptor\_5,5\_hydroxytryptamine\_receptor\_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\_4981** Hhon\_g01341.t1 denosine\_A2a\_receptor,trace\_amine\_associated\_receptor\_5,5\_hydroxytryptamine\_receptor\_10 ¬  $^{-4}{}^{+}$ metacells denosine\_A2a\_receptor,trace\_amine\_associated\_receptor\_5,5\_hydroxytryptamine\_receptor HoiH23 | no data

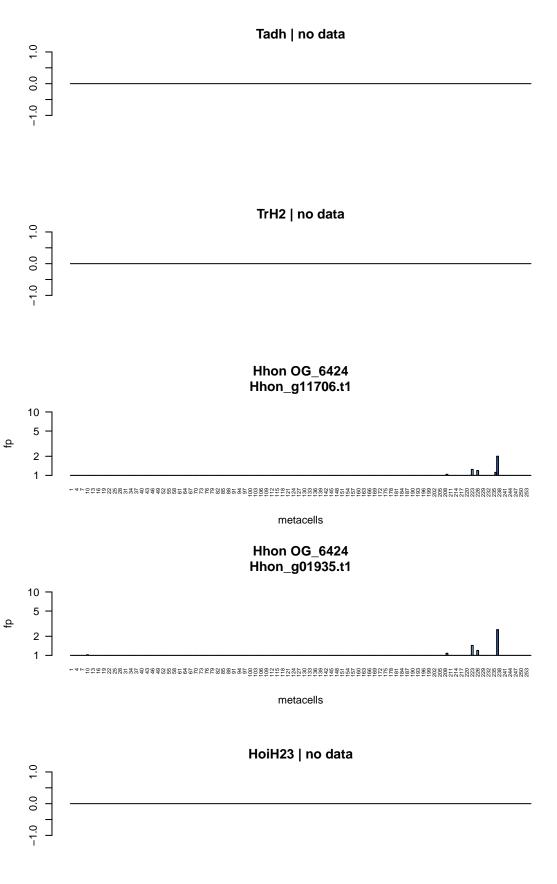


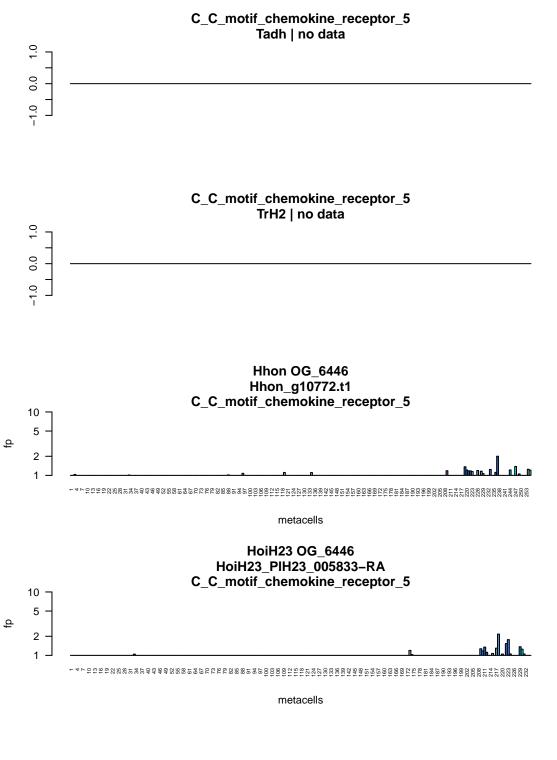
**Tadh OG\_6139** Tadh\_TriadT58781 eceptor\_mu\_1,neuromedin\_U\_receptor\_2,sphingosine\_1\_phosphate\_receptor\_1,hypocretir 2 metacells TrH2 OG\_6139 TrH2\_TrispH2\_012183-RA eceptor\_mu\_1,neuromedin\_U\_receptor\_2,sphingosine\_1\_phosphate\_receptor\_1,hypocretir metacells **Hhon OG\_6139** Hhon\_g08276.t1 eceptor\_mu\_1,neuromedin\_U\_receptor\_2,sphingosine\_1\_phosphate\_receptor\_1,hypocretir metacells **Hhon OG\_6139** Hhon\_g08277.t1 eceptor\_mu\_1,neuromedin\_U\_receptor\_2,sphingosine\_1\_phosphate\_receptor\_1,hypocretir  $^{-4} + ^{0} +$ metacells HoiH23 OG\_6139 HoiH23\_PIH23\_011084-RA eceptor\_mu\_1,neuromedin\_U\_receptor\_2,sphingosine\_1\_phosphate\_receptor\_1,hypocretir 2 

metacells

Tadh OG\_6407 Tadh\_TriadT58780 ים מות\_ווומנון מסרסט melanocortin\_3\_receptor,opioid\_receptor\_mu\_1,tachykinin\_receptor\_1,opioid\_receptor\_ka 2 metacells TrH2 OG\_6407 TrH2\_TrispH2\_011972-RA **Hhon OG\_6407** Hhon\_g08275.t1 melanocortin\_3\_receptor,opioid\_receptor\_mu\_1,tachykinin\_receptor\_1,opioid\_receptor\_ka metacells HoiH23 OG\_6407 HoiH23\_PIH23\_011348-RA melanocortin\_3\_receptor,opioid\_receptor\_mu\_1,tachykinin\_receptor\_1,opioid\_receptor\_ka metacells HoiH23 OG\_6407 HoiH23\_PIH23\_011352-RA היים באברות באב  $\begin{smallmatrix} & +4 \\ & +6$ 

motocollo

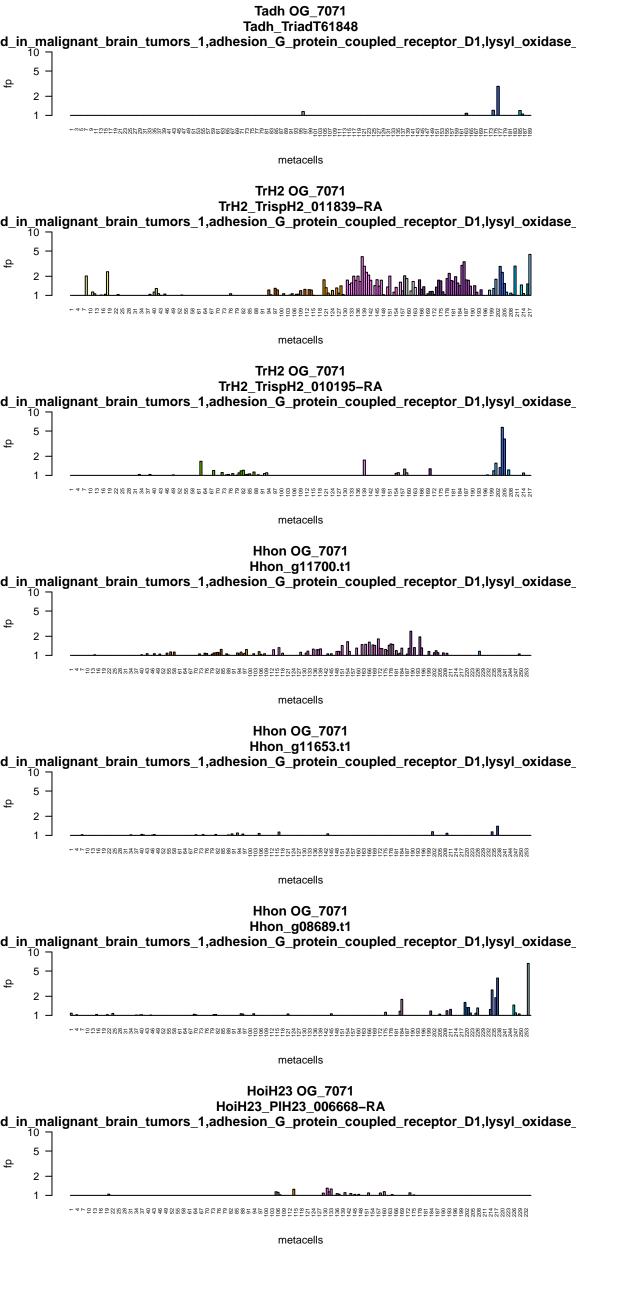




### **Tadh OG\_6574** Tadh\_TriadT60310 $follicle\_stimulating\_hormone\_receptor, thy roid\_stimulating\_hormone\_receptor$ 2 metacells TrH2 OG\_6574 TrH2\_TrispH2\_000870-RA $follicle\_stimulating\_hormone\_receptor, thy roid\_stimulating\_hormone\_receptor$ 10 metacells **Hhon OG\_6574** Hhon\_g11007.t1 $follicle\_stimulating\_hormone\_receptor, thy roid\_stimulating\_hormone\_receptor$ $^{-4} + ^{-} +$ metacells **Hhon OG\_6574** Hhon\_g11576.t1 follicle\_stimulating\_hormone\_receptor,thyroid\_stimulating\_hormone\_receptor 10 metacells HoiH23 OG\_6574 HoiH23\_PIH23\_005707-RA $follicle\_stimulating\_hormone\_receptor, thy roid\_stimulating\_hormone\_receptor$ 10 2 $\begin{smallmatrix} & +4 \\ & +6$ HoiH23 OG\_6574 HoiH23\_PIH23\_005706-RA $follicle\_stimulating\_hormone\_receptor, thy roid\_stimulating\_hormone\_receptor$ $\begin{smallmatrix} & +4 \\ & +6$

**Tadh OG\_6757** Tadh\_wf\_g6300.t1 ا المارية الم 2 metacells TrH2 OG\_6757 TrH2\_TrispH2\_009124-RA יים אין בייט אוריב. וואס אורי metacells **Hhon OG\_6757** Hhon\_g01937.t1 ily\_peptide\_receptor\_2,thyroid\_stimulating\_hormone\_receptor,gonadotropin\_releasing\_hormone\_receptor. metacells HoiH23 OG\_6757 HoiH23\_PIH23\_011659-RA ily\_peptide\_receptor\_2,thyroid\_stimulating\_hormone\_receptor,gonadotropin\_releasing\_ho  $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ metacells

### **Tadh OG\_6835** Tadh\_TriadT55856 $trace\_amine\_associated\_receptor\_6$ 10 metacells TrH2 OG\_6835 TrH2\_TrispH2\_010483-RA trace\_amine\_associated\_receptor\_6 metacells Hhon OG\_6835 Hhon\_g00904.t1 trace\_amine\_associated\_receptor\_6 metacells HoiH23 OG\_6835 HoiH23\_PIH23\_009411-RA trace\_amine\_associated\_receptor\_6 10 metacells



**Tadh OG\_7573** Tadh\_TriadT26040 5\_hydroxytryptamine\_receptor\_1B,histamine\_receptor\_H2,opsin\_4,adrenoceptor\_alpha\_ ф 2 metacells TrH2 OG\_7573 TrH2\_TrispH2\_008979-RA 5\_hydroxytryptamine\_receptor\_1B,histamine\_receptor\_H2,opsin\_4,adrenoceptor\_alpha\_  $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\$ metacells **Hhon OG\_7573** Hhon\_g05380.t1 5\_hydroxytryptamine\_receptor\_1B,histamine\_receptor\_H2,opsin\_4,adrenoceptor\_alpha\_  $^{-4}{}^{+}$ metacells HoiH23 OG\_7573 HoiH23\_PIH23\_000307-RA 5\_hydroxytryptamine\_receptor\_1B,histamine\_receptor\_H2,opsin\_4,adrenoceptor\_alpha\_  $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ 

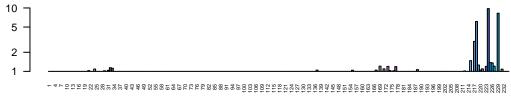
### Tadh OG\_8094 Tadh\_wf\_g6497.t1 10 5 2 1 metacells TrH2 OG\_8094 TrH2\_TrispH2\_011737-RA

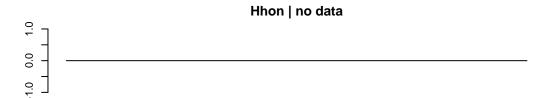
metacells

### Hhon OG\_8094 Hhon\_g08752.t1

### HoiH23 OG\_8094 HoiH23\_PIH23\_007147-RA

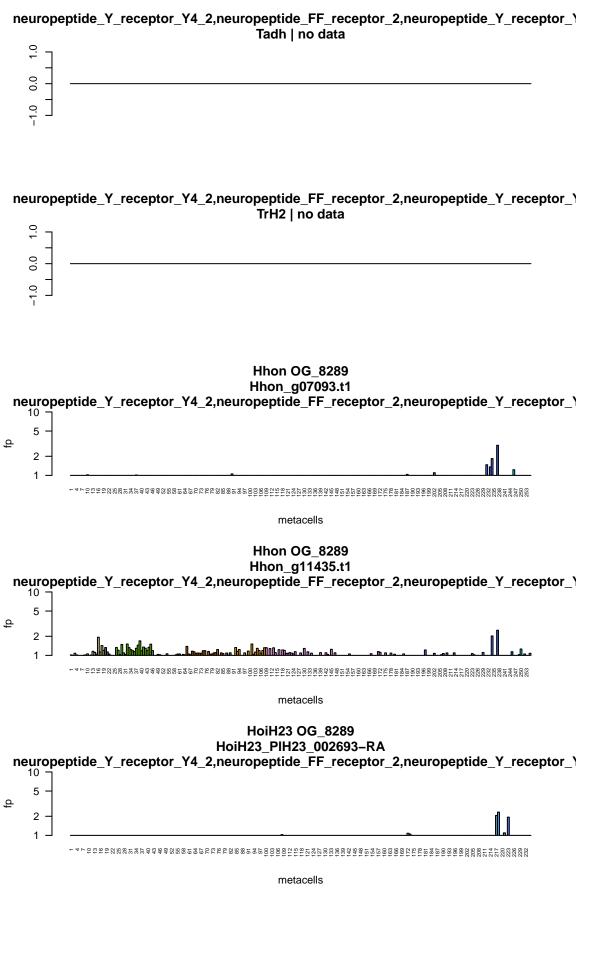
metacells

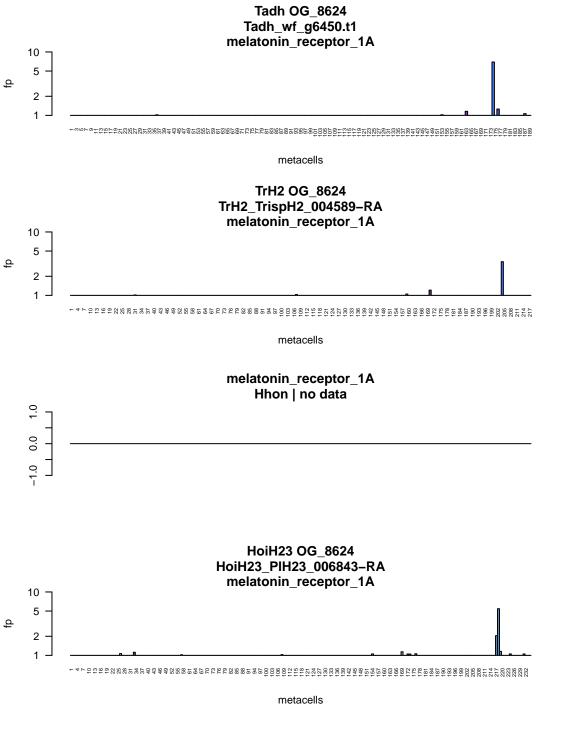




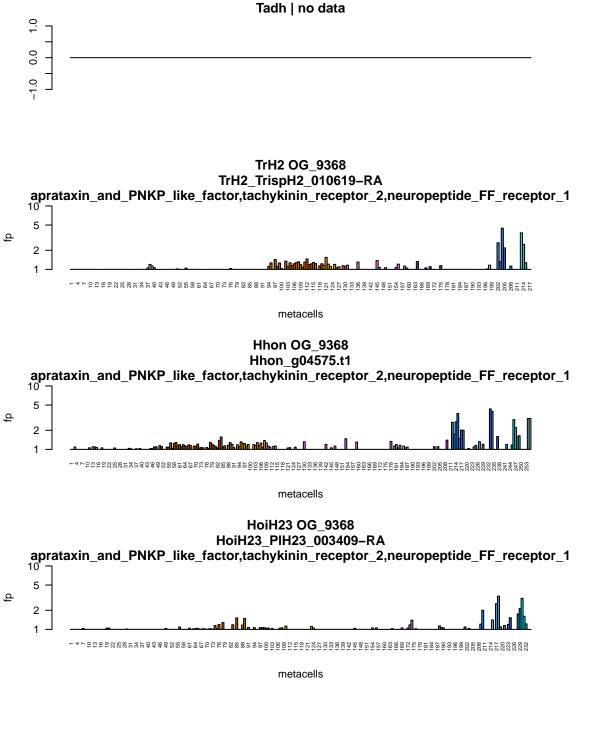
### HoiH23 OG\_8095 HoiH23\_PIH23\_007148-RA



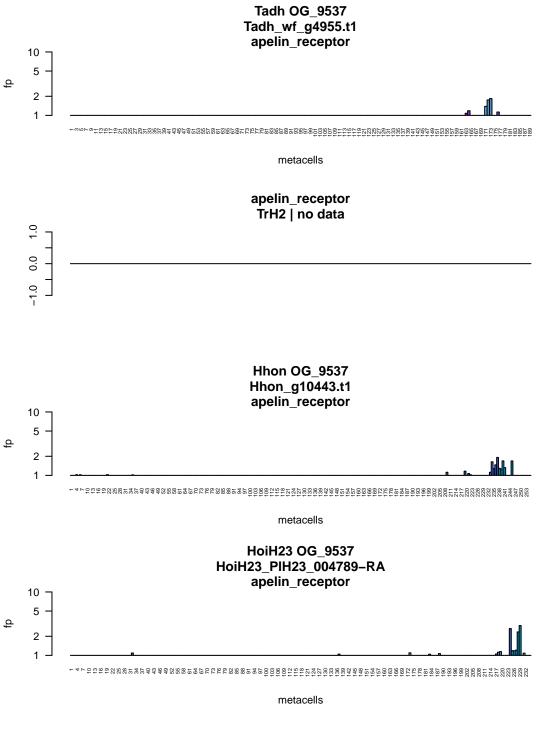


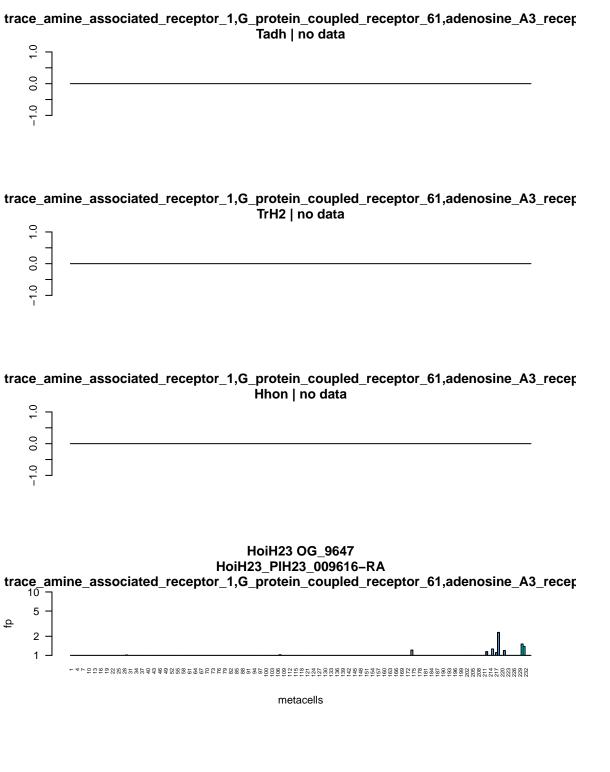


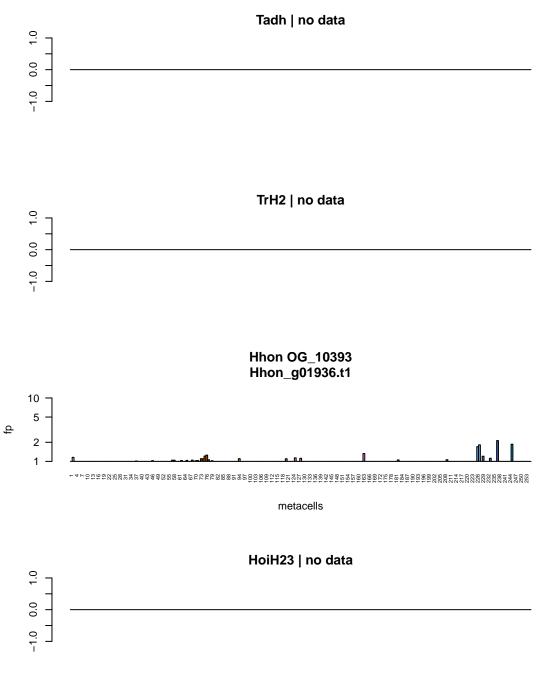
## neuropeptide\_FF\_receptor\_1 TrH2 OG\_9364 TrH2 TrispH2\_010623-RA neuropeptide\_FF\_receptor\_1 metacells Hhon OG\_9364 Hhon\_g04570.t1 neuropeptide\_FF\_receptor\_1 metacells HoiH23\_OG\_9364 HoiH23\_OG\_9364 HoiH23\_PIH23\_003405-RA neuropeptide\_FF\_receptor\_1



aprataxin\_and\_PNKP\_like\_factor,tachykinin\_receptor\_2,neuropeptide\_FF\_receptor\_1







# Tadh\_TriadT61932 adenosine\_A2a\_receptor metacells TrH2 OG\_10721 TrH2\_TrispH2\_006280-RA adenosine\_A2a\_receptor metacells adenosine\_A2a\_receptor Hhon | no data