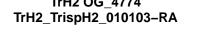
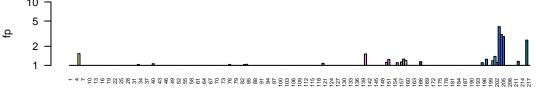
**Tadh OG\_4528** Tadh\_TriadT58847 5\_hydroxytryptamine\_receptor\_4,adenosine\_A2b\_receptor,histamine\_receptor\_H2 2 metacells TrH2 OG\_4528 TrH2\_TrispH2\_009579-RA 5\_hydroxytryptamine\_receptor\_4,adenosine\_A2b\_receptor,histamine\_receptor\_H2  $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells **Hhon OG\_4528** Hhon\_g02297.t1 5\_hydroxytryptamine\_receptor\_4,adenosine\_A2b\_receptor,histamine\_receptor\_H2 metacells HoiH23 OG\_4528 HoiH23\_PIH23\_005558-RA 5\_hydroxytryptamine\_receptor\_4,adenosine\_A2b\_receptor,histamine\_receptor\_H2 2  $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ 

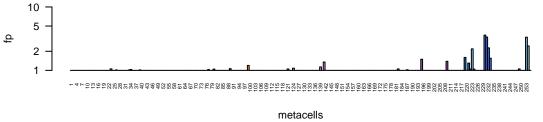
# Tadh OG\_4774 Tadh\_wf\_g8472.t1 10 metacells TrH2 OG\_4774



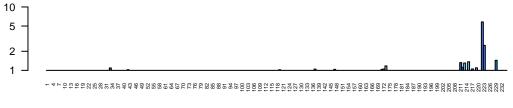


metacells

### Hhon OG\_4774 Hhon\_g10392.t1



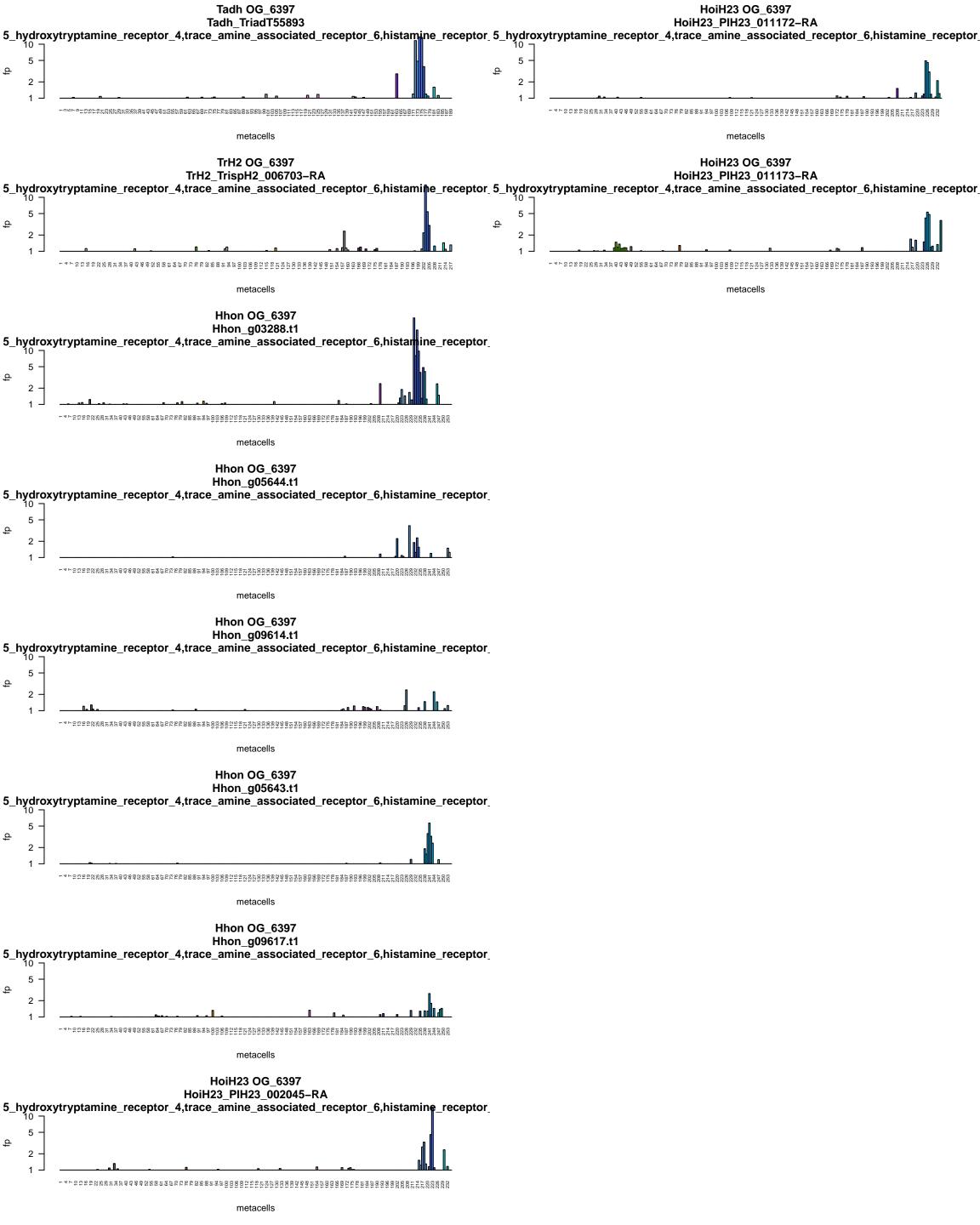
### HoiH23 OG\_4774 HoiH23\_PIH23\_006299-RA



Tadh OG\_4983 Tadh\_TriadT58722 histamine\_receptor\_H2,adenosine\_A2b\_receptor,sphingosine\_1\_phosphate\_receptor\_3 2 metacells TrH2 OG\_4983 TrH2\_TrispH2\_006523-RA histamine\_receptor\_H2,adenosine\_A2b\_receptor,sphingosine\_1\_phosphate\_receptor\_3 metacells Hhon OG\_4983 Hhon\_g01339.t1 histamine\_receptor\_H2,adenosine\_A2b\_receptor,sphingosine\_1\_phosphate\_receptor\_3 -4 + 7055 + 6023 + 60metacells HoiH23 OG\_4983 HoiH23\_PIH23\_009203-RA histamine\_receptor\_H2,adenosine\_A2b\_receptor,sphingosine\_1\_phosphate\_receptor\_3  $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ metacells HoiH23 OG\_4983 HoiH23\_PIH23\_009204-RA histamine\_receptor\_H2,adenosine\_A2b\_receptor,sphingosine\_1\_phosphate\_receptor\_3 2 · 

**Tadh OG\_5434** Tadh\_wf\_g3901.t1 e,G\_protein\_coupled\_receptor\_135,somatostatin\_receptor\_1,G\_protein\_coupled\_receptor\_′ metacells **Tadh OG\_5434** Tadh\_TriadT56128 e,G\_protein\_coupled\_receptor\_135,somatostatin\_receptor\_1,G\_protein\_coupled\_receptor\_′ TrH2 OG\_5434 TrH2\_TrispH2\_009856-RA z,G\_protein\_coupled\_receptor\_135,somatostatin\_receptor\_1,G\_protein\_coupled\_receptor\_′ TrH2 OG\_5434 TrH2\_TrispH2\_009984-RA t,G\_protein\_coupled\_receptor\_135,somatostatin\_receptor\_1,G\_protein\_coupled\_receptor\_ metacells **Hhon OG\_5434** Hhon\_g07225.t1 e,G\_protein\_coupled\_receptor\_135,somatostatin\_receptor\_1,G\_protein\_coupled\_receptor\_′ HoiH23 OG\_5434 HoiH23\_PIH23\_004429-RA R,G\_protein\_coupled\_receptor\_135,somatostatin\_receptor\_1,G\_protein\_coupled\_receptor\_7  $^{-4} + ^{0} +$ metacells HoiH23 OG\_5434 HoiH23\_PIH23\_010496-RA R,G\_protein\_coupled\_receptor\_135,somatostatin\_receptor\_1,G\_protein\_coupled\_receptor\_7  $\begin{smallmatrix} & +4 \\ & +6$ metacells

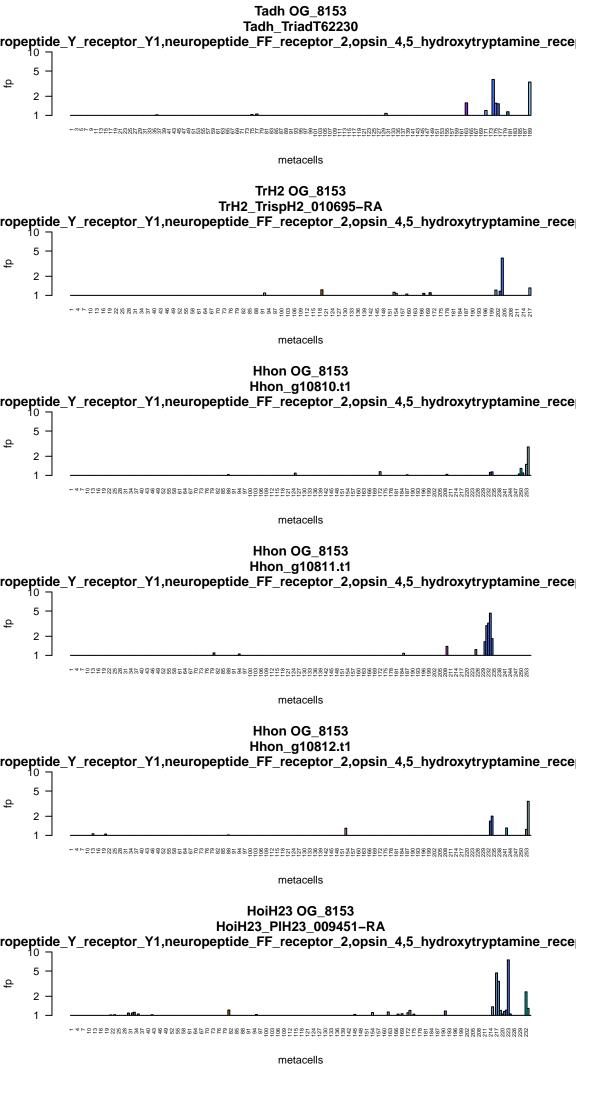
## **Tadh OG\_5689** Tadh\_TriadT29209 $neuromedin\_U\_receptor\_2, opioid\_receptor\_mu\_1, somatostatin\_receptor\_2$ 10 2 metacells TrH2 OG\_5689 TrH2\_TrispH2\_002053-RA $neuromedin\_U\_receptor\_2, opioid\_receptor\_mu\_1, somatostatin\_receptor\_2$ 10 $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells **Hhon OG\_5689** Hhon\_g00713.t1 neuromedin\_U\_receptor\_2,opioid\_receptor\_mu\_1,somatostatin\_receptor\_2 $^{-4}{}^{+}$ metacells HoiH23 OG\_5689 HoiH23\_PIH23\_009787-RA $neuromedin\_U\_receptor\_2, opioid\_receptor\_mu\_1, somatostatin\_receptor\_2$ 10 2 metacells



# Tadh OG\_6399 Tadh\_wf\_g4696.t1 5\_hydroxytryptamine\_receptor\_4,adrenoceptor\_beta\_2 metacells TrH2 OG\_6399 TrH2\_TrispH2\_006702-RA $5\_hydroxytryptamine\_receptor\_4, adrenoceptor\_beta\_2$ 10 $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ Hhon OG\_6399 Hhon\_g03289.t1 5\_hydroxytryptamine\_receptor\_4,adrenoceptor\_beta\_2 metacells HoiH23 OG\_6399 HoiH23\_PIH23\_002046-RA $5\_hydroxytryptamine\_receptor\_4, adrenoceptor\_beta\_2$ metacells

# Tadh OG\_6482 Tadh\_wf\_g9560.t1 10 metacells **Tadh OG\_6482** Tadh\_wf\_g9559.t1 10 metacells TrH2 OG\_6482 TrH2\_TrispH2\_009482-RA metacells TrH2 OG\_6482 TrH2\_TrispH2\_011478-RA 10 metacells **Hhon OG\_6482** Hhon\_g10969.t1 metacells HoiH23 OG\_6482 HoiH23\_PIH23\_011006-RA metacells

# **Tadh OG\_6852** Tadh\_TriadT55426 aminobutyric\_acid\_type\_B\_receptor\_subunit\_1,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_1 2 metacells **Tadh OG\_6852** Tadh\_TriadT55427 aminobutyric\_acid\_type\_B\_receptor\_subun<mark>it\_1,</mark>gamma\_aminobutyric\_acid\_type\_B\_receptor\_10 ¬ metacells TrH2 OG\_6852 TrH2\_TrispH2\_004736-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_1,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_1 $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells **Hhon OG\_6852** Hhon\_g09351.t1 aminobutyric\_acid\_type\_B\_receptor\_subunit\_1,gamma\_aminobutyric\_acid\_type\_B\_receptor $^{-4} + ^{0} +$ metacells HoiH23 OG\_6852 HoiH23\_PIH23\_008907-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_1,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_1 2



# 

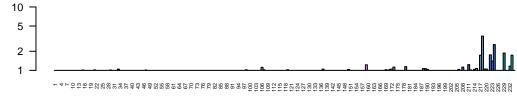
metacells

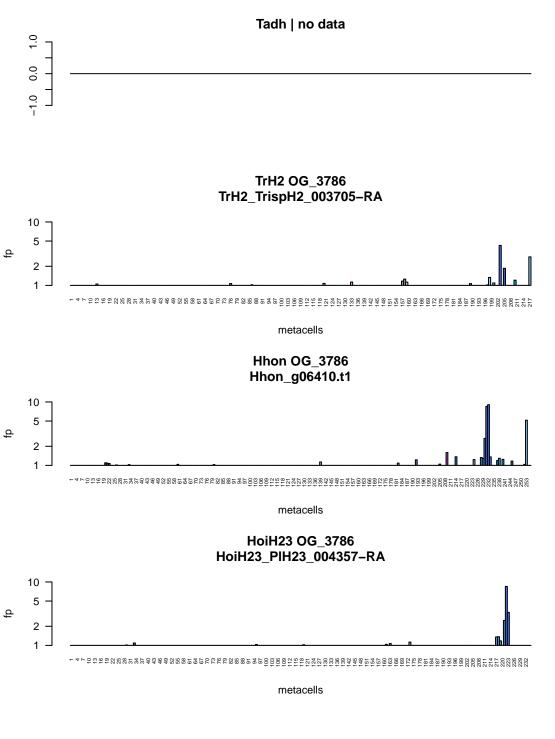
wetacells

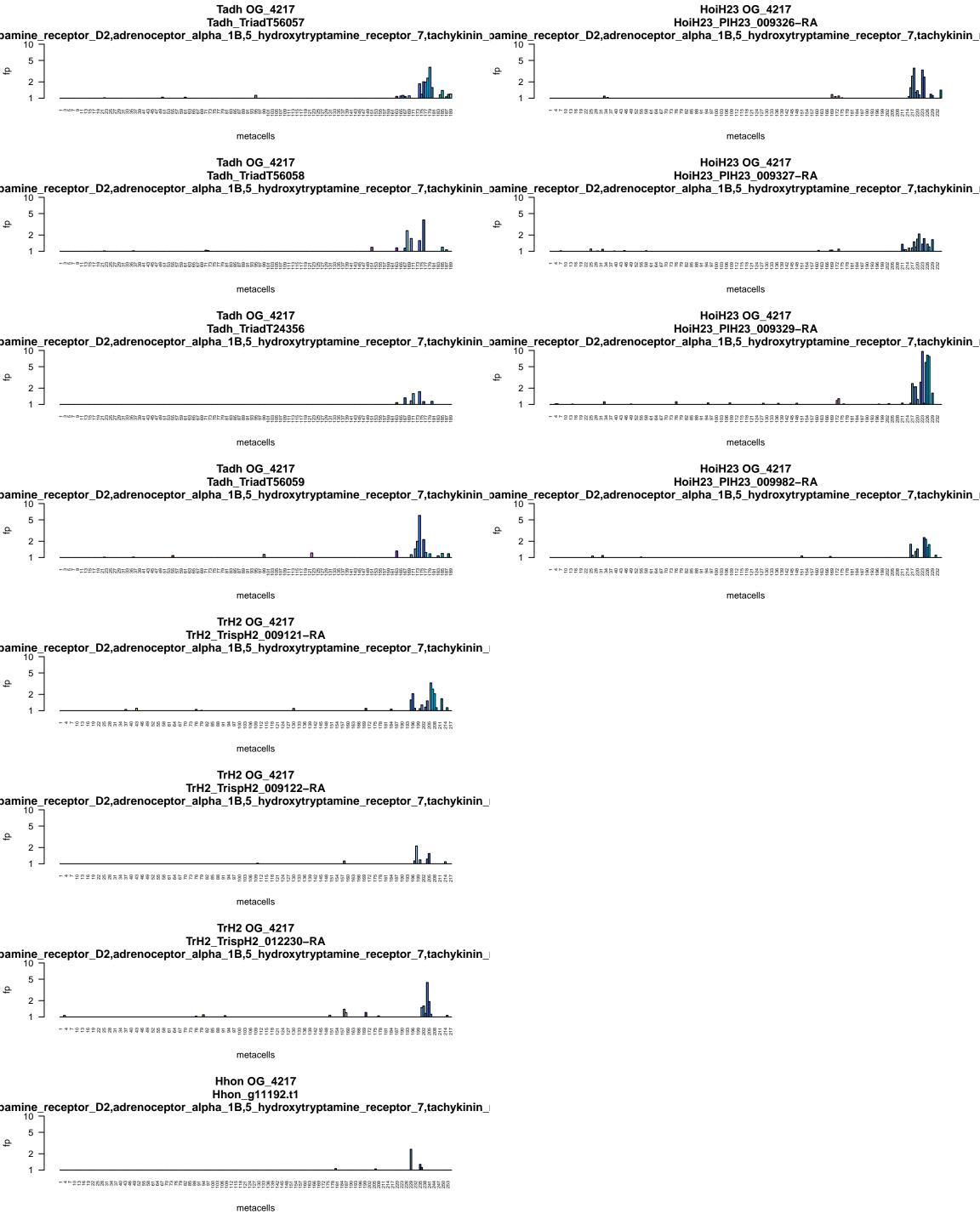
### Hhon OG\_1238 Hhon\_g04472.t1

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

metacells







# Tadh OG\_4570 Tadh\_TriadT61025 dopamine\_receptor\_D1,5\_hydroxytryptamine\_receptor\_4 10 metacells TrH2 OG\_4570 TrH2\_TrispH2\_010400-RA dopamine\_receptor\_D1,5\_hydroxytryptamine\_receptor\_4 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\_4570 Hhon\_g08583.t1 dopamine\_receptor\_D1,5\_hydroxytryptamine\_receptor\_4 $^{-4}{}^{+}$ metacells HoiH23 OG\_4570 HoiH23\_PIH23\_009847-RA $dopamine\_receptor\_D1, 5\_hydroxytryptamine\_receptor\_4$ 10 metacells

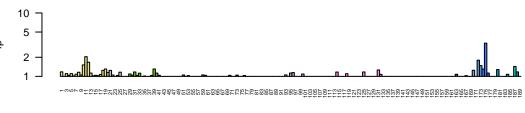
# Tadh OG\_4712 Tadh\_TriadT52633 \_amine\_associated\_receptor\_1,5\_hydroxytryptamine\_receptor\_4,5\_hydroxytryptamine\_rec 2 metacells TrH2 OG\_4712 TrH2\_TrispH2\_007202-RA \_amine\_associated\_receptor\_1,5\_hydroxytryptamine\_receptor\_4,5\_hydroxytryptamine\_rec $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells Hhon OG\_4712 Hhon\_g06035.t1 \_amine\_associated\_receptor\_1,5\_hydroxytryptamine\_receptor\_4,5\_hydroxytryptamine\_rec ф $^{-4}{}^{+}$ metacells HoiH23 OG\_4712

Tadh OG\_4873 Tadh\_TriadT60055 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2 2 metacells **Tadh OG\_4873** Tadh\_TriadT60056 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_10 ¬ metacells TrH2 OG\_4873 TrH2\_TrispH2\_010017-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2. ф  $\begin{smallmatrix} 1&4&5&5&5&5&5\\1&4&5&5&5&5&$ metacells **Hhon OG\_4873** Hhon\_g08729.t1 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor metacells HoiH23 OG\_4873 HoiH23\_PIH23\_009277-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2. 2 

# **Tadh OG\_5031** Tadh\_TriadT30267 $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ 10 metacells TrH2 OG\_5031 TrH2\_TrispH2\_010015-RA $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ 10 -metacells Hhon OG\_5031 Hhon\_g10739.t1 gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2 $^{-4}{}^{+}$ metacells **Hhon OG\_5031** Hhon\_g10740.t1 gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2 10 metacells HoiH23 OG\_5031 HoiH23\_PIH23\_011539-RA $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ HoiH23 OG\_5031 HoiH23\_PIH23\_011072-RA $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ 10 $\begin{smallmatrix} & +4 \\ & +6$ metacells

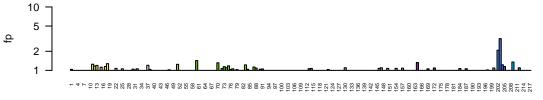
# **Tadh OG\_5117** Tadh\_wf\_g10489.t1 G\_protein\_coupled\_receptor\_50,lysophosphatidic\_acid\_receptor\_4 metacells TrH2 OG\_5117 TrH2\_TrispH2\_003531-RA ${\bf G\_protein\_coupled\_receptor\_50,lysophosphatidic\_acid\_receptor\_4}$ 10 metacells **Hhon OG\_5117** Hhon\_g07921.t1 G\_protein\_coupled\_receptor\_50,lysophosphatidic\_acid\_receptor\_4 metacells HoiH23 OG\_5117 HoiH23\_PIH23\_007703-RA ${\bf G\_protein\_coupled\_receptor\_50,lysophosphatidic\_acid\_receptor\_4}$ metacells

### Tadh OG\_5119 Tadh\_TriadT61436



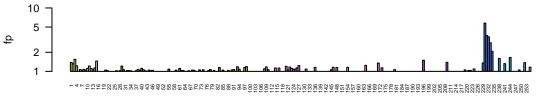
metacells

### TrH2 OG\_5119 TrH2\_TrispH2\_003533-RA



metacells

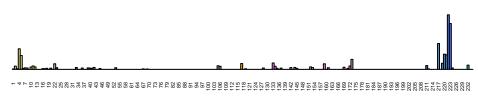
### Hhon OG\_5119 Hhon\_g07857.t1



10

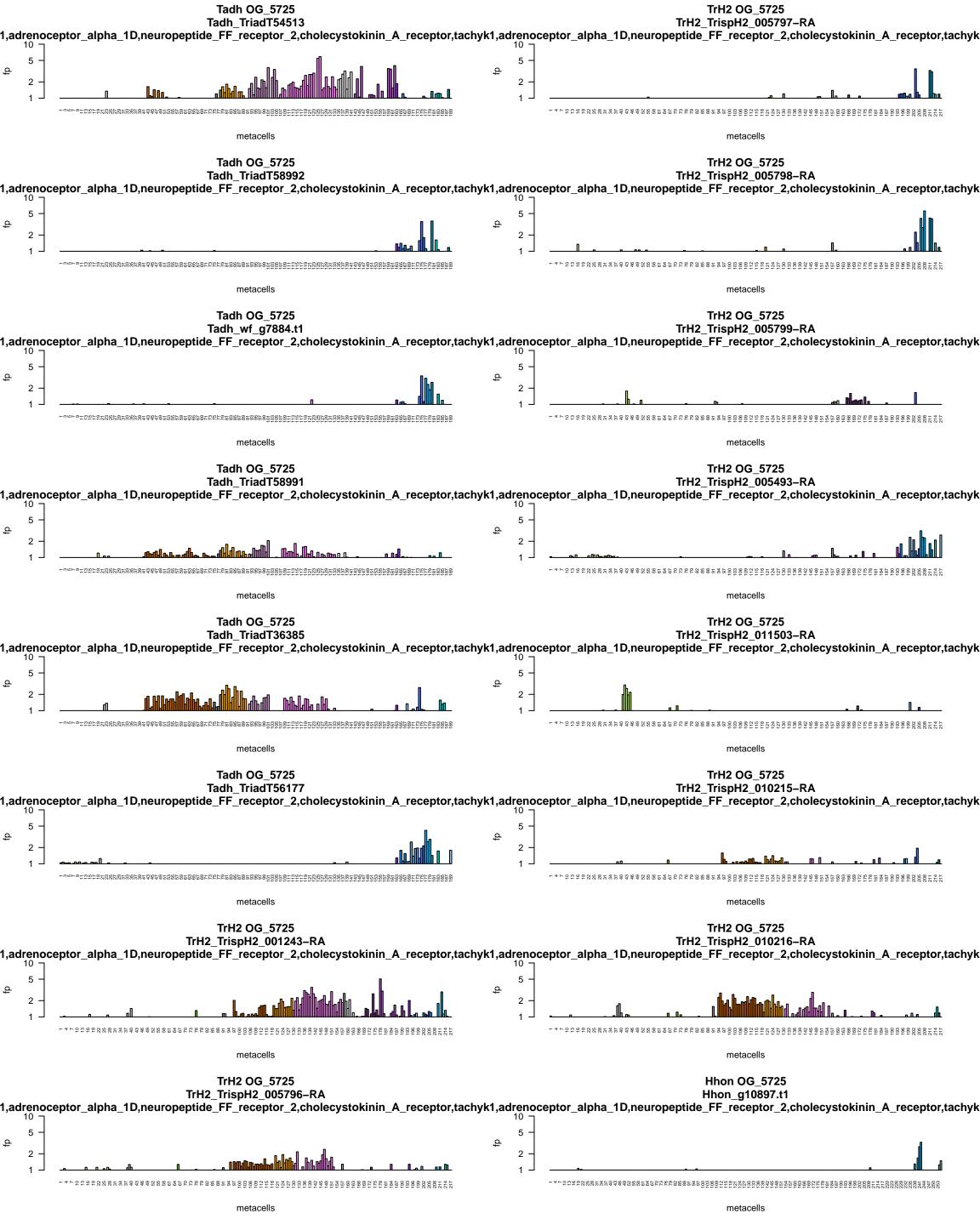
HoiH23 OG\_5119 HoiH23\_PIH23\_007705-RA

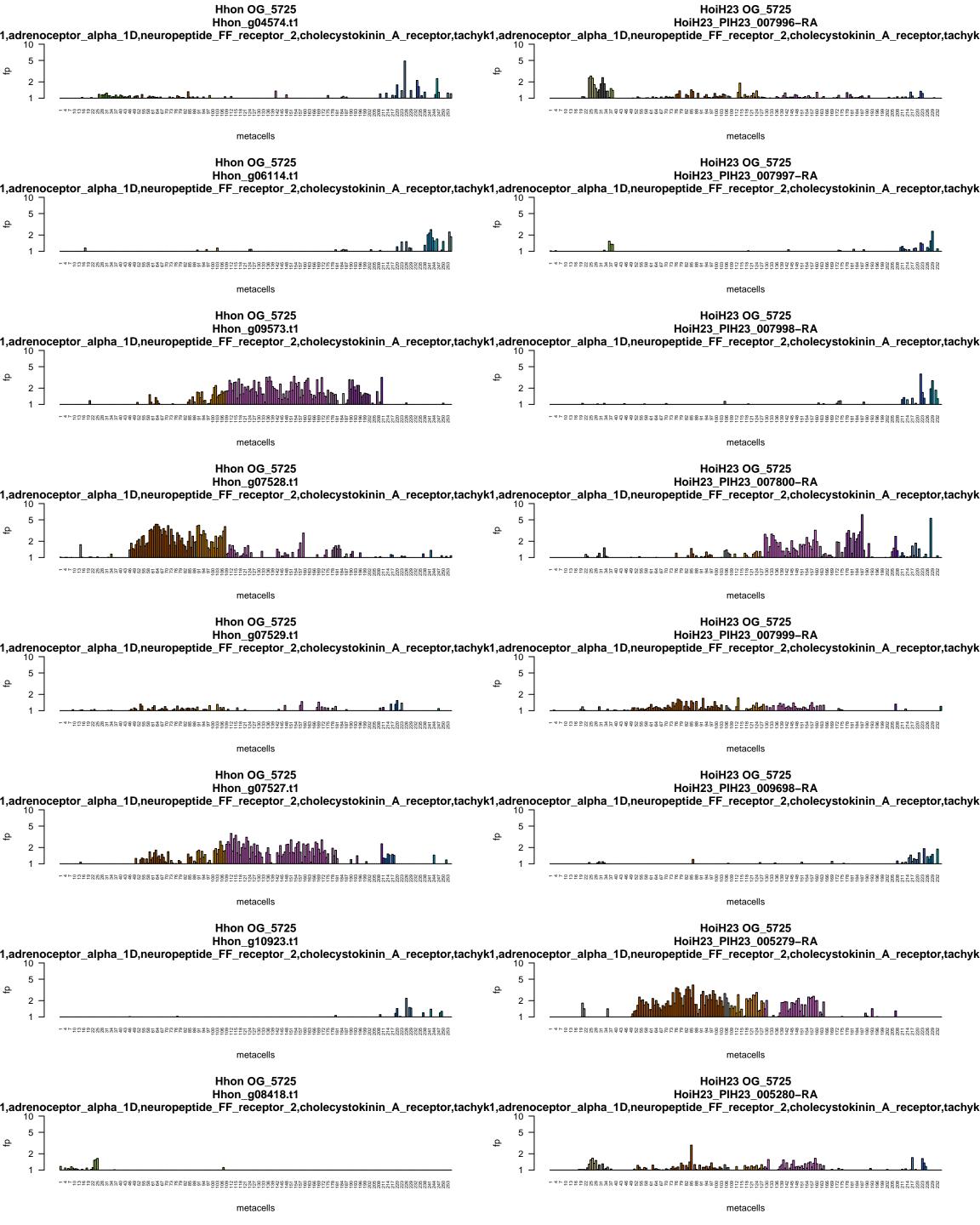
metacells

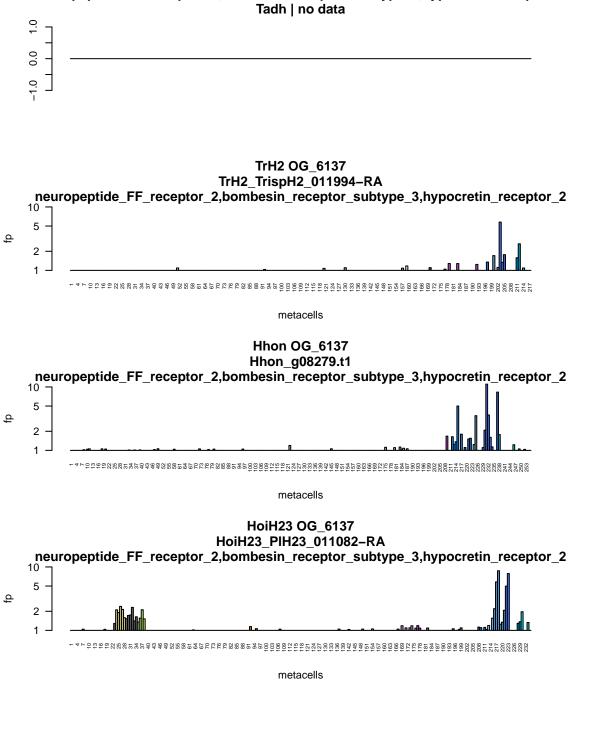


# 

Tadh OG\_5436 Tadh\_TriadT60050 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2 2 metacells TrH2 OG\_5436 TrH2\_TrispH2\_011716-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2. metacells TrH2 OG\_5436 TrH2\_TrispH2\_011580-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2. ф  $\begin{smallmatrix} 1&4&5&5&5&5&5\\ 2&4&5&5&5&5&5\\ 2&5&5&5&5&5&5\\ 2&$ metacells TrH2 OG\_5436 TrH2\_TrispH2\_011783-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2. metacells **Hhon OG\_5436** Hhon\_g11389.t1 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,ga 2 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor HoiH23 | no data







 $neuropeptide\_FF\_receptor\_2, bombes in\_receptor\_subtype\_3, hypocretin\_receptor\_2$ 

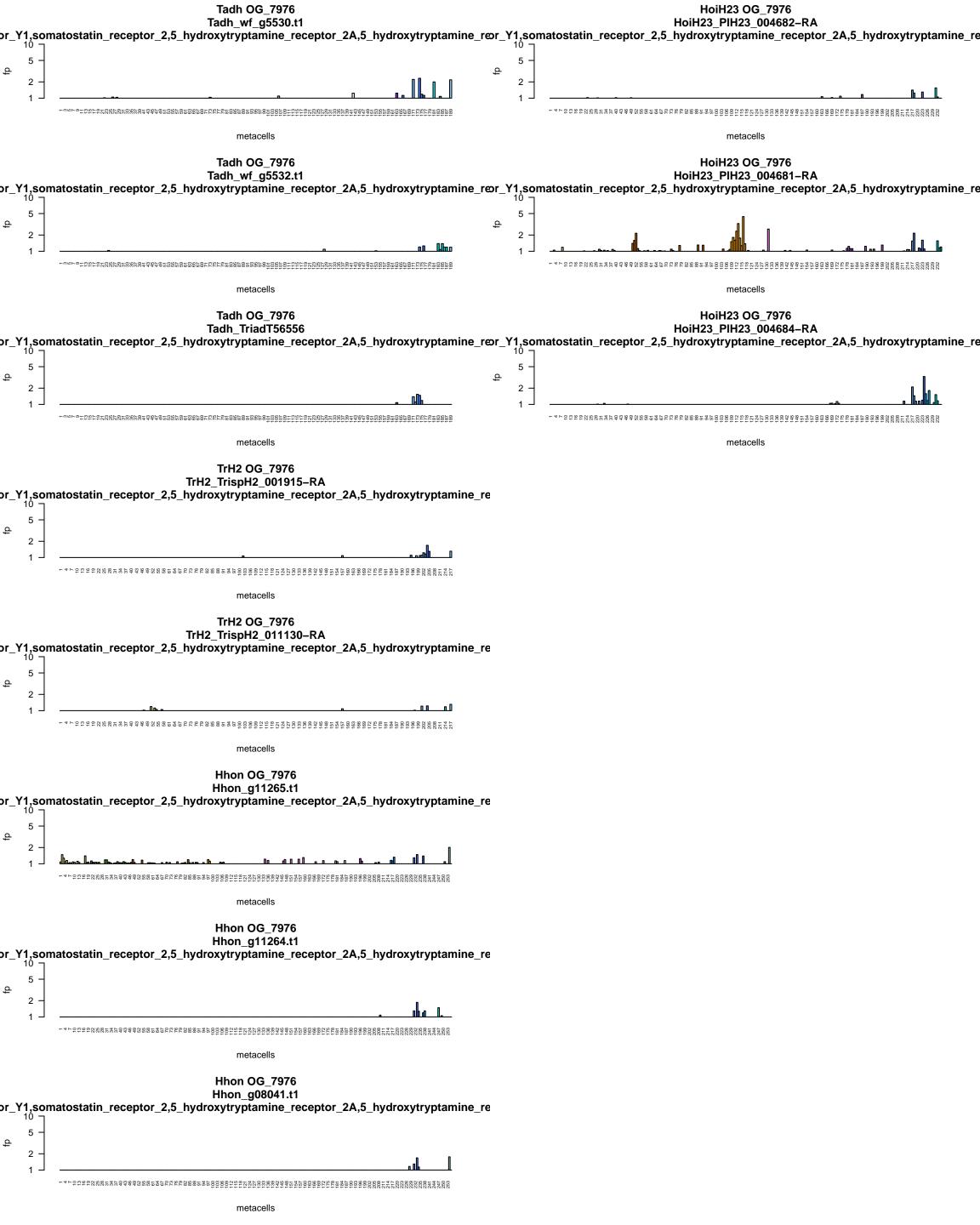
# **Tadh OG\_6263** Tadh\_TriadT58578 opsin\_3,opsin\_4,tachykinin\_receptor\_2 10 metacells Tadh OG\_6263 Tadh\_wf\_g7457.t1 opsin\_3,opsin\_4,tachykinin\_receptor\_2 10 metacells TrH2 OG\_6263 TrH2\_TrispH2\_006605-RA opsin\_3,opsin\_4,tachykinin\_receptor\_2 metacells **Hhon OG\_6263** Hhon\_g00845.t1 opsin\_3,opsin\_4,tachykinin\_receptor\_2 10 metacells HoiH23 OG\_6263 HoiH23\_PIH23\_007630-RA opsin\_3,opsin\_4,tachykinin\_receptor\_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  $\begin{smallmatrix} & +4 \\ & +6$ 

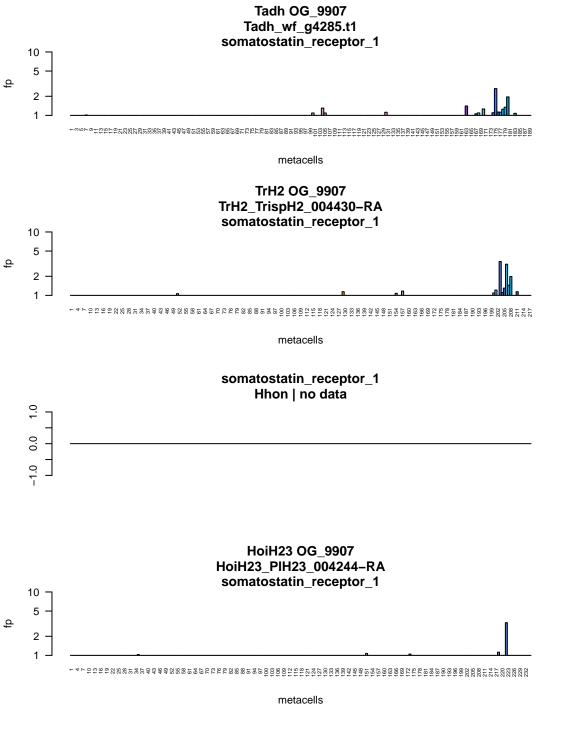
motocollo

# **Tadh OG\_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\_7494 Tadh\_wf\_g10310.t1 cannabinoid\_receptor\_1 10 metacells TrH2 OG\_7494 TrH2\_TrispH2\_005604-RA cannabinoid\_receptor\_1 10 metacells Hhon OG\_7494 Hhon\_g07274.t1 cannabinoid\_receptor\_1 -4 + 7055 + 6052 + 60metacells HoiH23 OG\_7494 HoiH23\_PIH23\_004600-RA cannabinoid\_receptor\_1 10 metacells



# Tadh OG\_9224 Tadh\_TriadT51798 relaxin\_family\_peptide\_receptor\_2,thyroid\_stimulating\_hormone\_receptor 10 2 metacells TrH2 OG\_9224 TrH2\_TrispH2\_011413-RA $relaxin\_family\_peptide\_receptor\_\dot{2}, thy roid\_stimulating\_hormone\_receptor$ 10 metacells Hhon OG\_9224 Hhon\_g11379.t1 relaxin\_family\_peptide\_receptor\_2,thyroid\_stimulating\_hormone\_receptor $^{-4}{}^{+}$ metacells Hhon OG\_9224 Hhon\_g01958.t1 relaxin\_family\_peptide\_receptor\_2,thyroid\_stimulating\_hormone\_receptor 10 $^{-4} + ^{0} +$ metacells HoiH23 OG\_9224 HoiH23\_PIH23\_004874-RA relaxin\_family\_peptide\_receptor\_2,thyroid\_stimulating\_hormone\_receptor 10

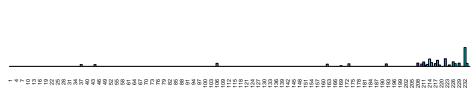


# Tadh\_OG\_10388 Tadh\_TriadT54794 adhesion\_G\_protein\_coupled\_receptor\_G2 TrH2 OG\_10388 TrH2 TrispH2\_002168-RA adhesion\_G\_protein\_coupled\_receptor\_G2 Hhon OG\_10388 Hhon\_g04708.t1 adhesion\_G\_protein\_coupled\_receptor\_G2 adhesion\_G\_protein\_coupled\_receptor\_G2 adhesion\_G\_protein\_coupled\_receptor\_G2

# 

Hhon\_g01896.t1

> HoiH23 OG\_515 HoiH23\_PIH23\_001462-RA



# **Tadh OG\_3080** Tadh\_TriadT24886 $B\_Raf\_proto\_oncogene\_serine\_threonine\_kinase$ 10 metacells TrH2 OG\_3080 TrH2\_TrispH2\_006128-RA $B\_Raf\_proto\_oncogene\_serine\_threonine\_kinase$ 10 metacells Hhon OG\_3080 Hhon\_g06380.t1 B\_Raf\_proto\_oncogene\_serine\_threonine\_kinase $^{-4}{}^{+}$ metacells HoiH23 OG\_3080 HoiH23\_hyp\_clust4260.t1 B\_Raf\_proto\_oncogene\_serine\_threonine\_kinase 10 $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ metacells HoiH23 OG\_3080 HoiH23\_PIH23\_008718-RA $B\_Raf\_proto\_oncogene\_serine\_threonine\_kinase$

# **Tadh OG\_3250** Tadh\_TriadT58020 $histone\_PARylation\_factor\_1, LDL\_receptor\_related\_protein\_1B$ 10 metacells **Tadh OG\_3250** Tadh\_TriadT27379 $histone\_PARylation\_factor\_1, LDL\_receptor\_related\_protein\_1B$ 10 metacells TrH2 OG\_3250 TrH2\_TrispH2\_000489-RA $histone\_PARylation\_factor\_1, LDL\_receptor\_related\_protein\_1B$ 10 metacells TrH2 OG\_3250 TrH2\_TrispH2\_000491-RA $histone\_PARylation\_factor\_1, LDL\_receptor\_related\_protein\_1B$ 10 metacells Hhon OG\_3250 Hhon\_g00195.t1 $histone\_PARylation\_factor\_1, LDL\_receptor\_related\_protein\_1B$ 10 $^{-4} + ^{0} +$ metacells HoiH23 OG\_3250 HoiH23\_PIH23\_003166-RA $histone\_PARylation\_factor\_1, LDL\_receptor\_related\_protein\_1B$ 10 metacells HoiH23 OG\_3250 HoiH23\_PIH23\_003167-RA histone\_PARylation\_factor\_1,LDL\_receptor\_related\_protein\_1B 10 $\begin{smallmatrix} & +4 \\ & +6$ metacells

# TrH2 OG\_3606 TrH2\_TrispH2\_009810-RA LAG1\_CSL.HG1.0:RBPJ/RBPJL TrH2 OG\_3606 TrH2\_TrispH2\_009810-RA LAG1\_CSL.HG1.0:RBPJ/RBPJL Metacells Hhon OG\_3606 Hhon\_g05183.t1 LAG1\_CSL.HG1.0:RBPJ/RBPJL

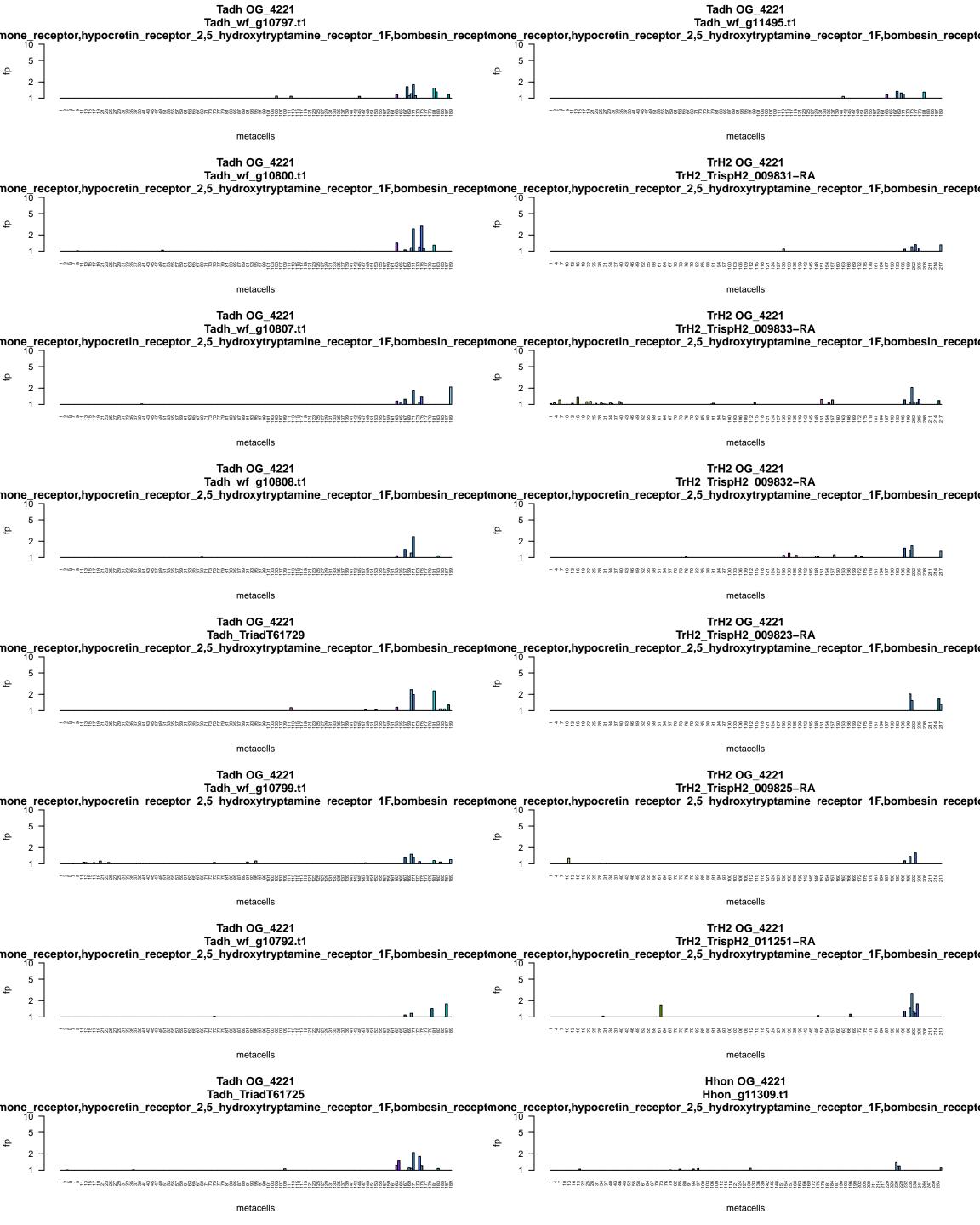
HoiH23\_PIH23\_001259-RA LAG1\_CSL.HG1.0:RBPJ/RBPJL

metacells

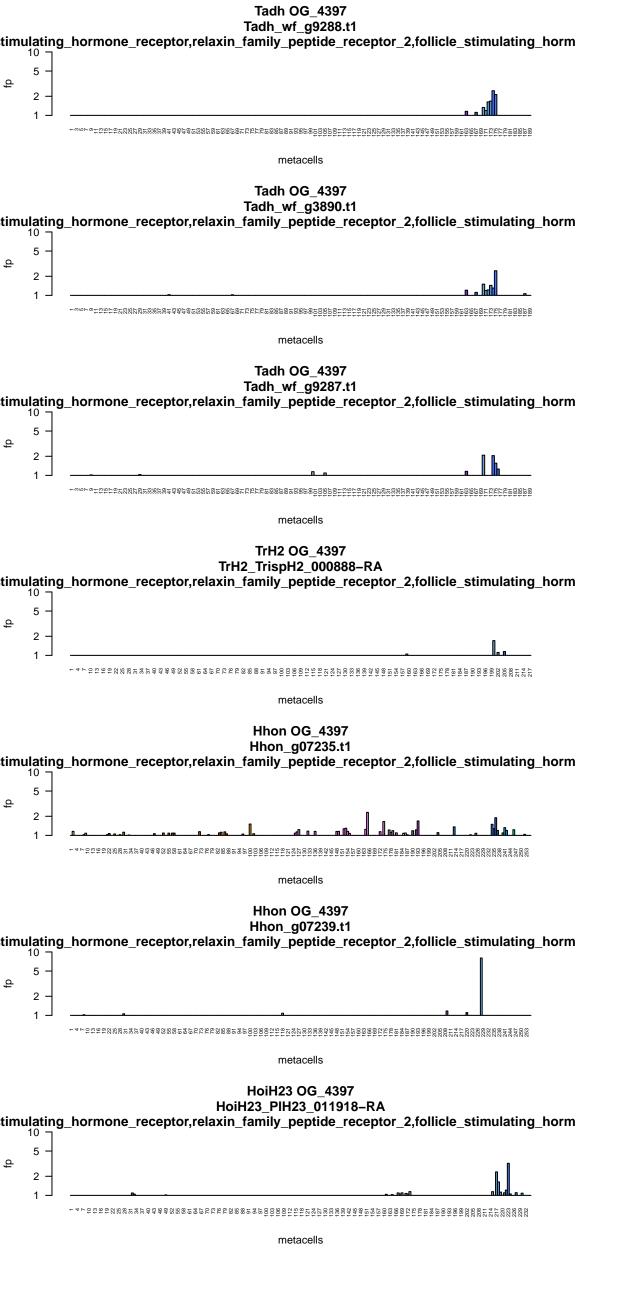
10

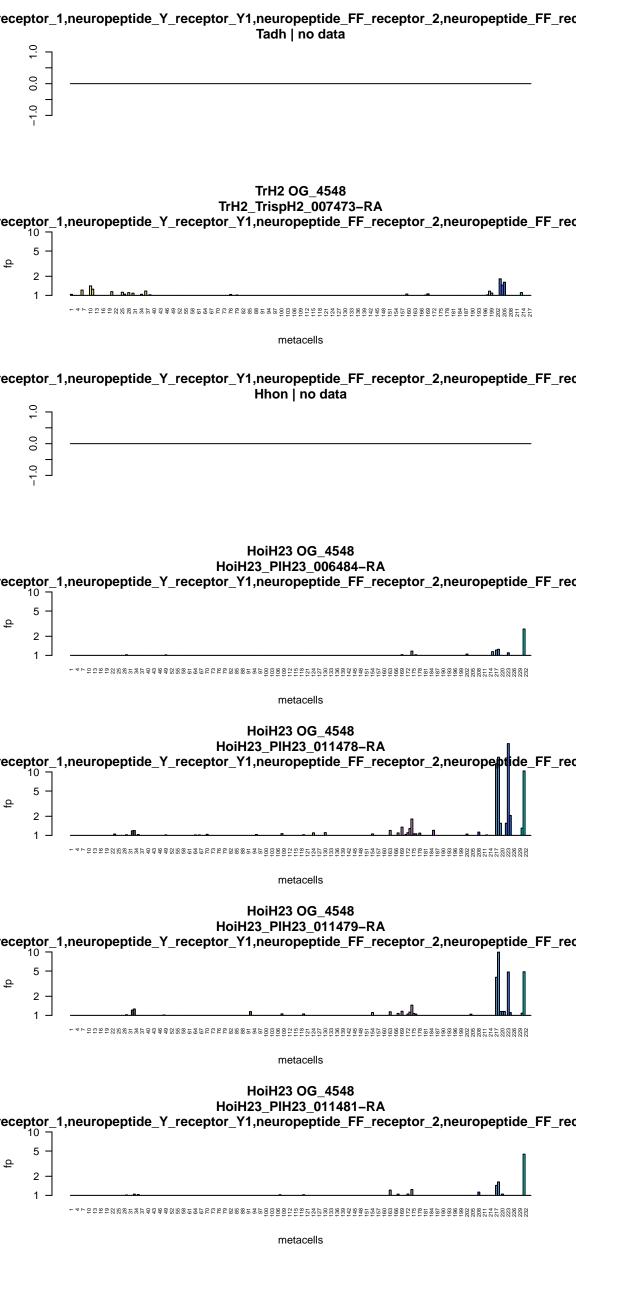
**Tadh OG\_4218** Tadh\_wf\_g9945.t1 e\_receptor,galanin\_receptor\_1,gonadotropin\_releasing\_hormone\_receptor,prolactin\_releas 2 metacells **Tadh OG\_4218** Tadh\_wf\_g4931.t1 e\_receptor,galanin\_receptor\_1,gonadotropin\_releasing\_hormone\_receptor,prolactin\_releas metacells TrH2 OG\_4218 TrH2\_TrispH2\_006955-RA e\_receptor,galanin\_receptor\_1,gonadotropin\_releasing\_hormone\_receptor,prolactin\_releas metacells e\_receptor,galanin\_receptor\_1,gonadotropin\_releasing\_hormone\_receptor,prolactin\_releas Hhon | no data HoiH23 OG\_4218 HoiH23\_PIH23\_004758-RA

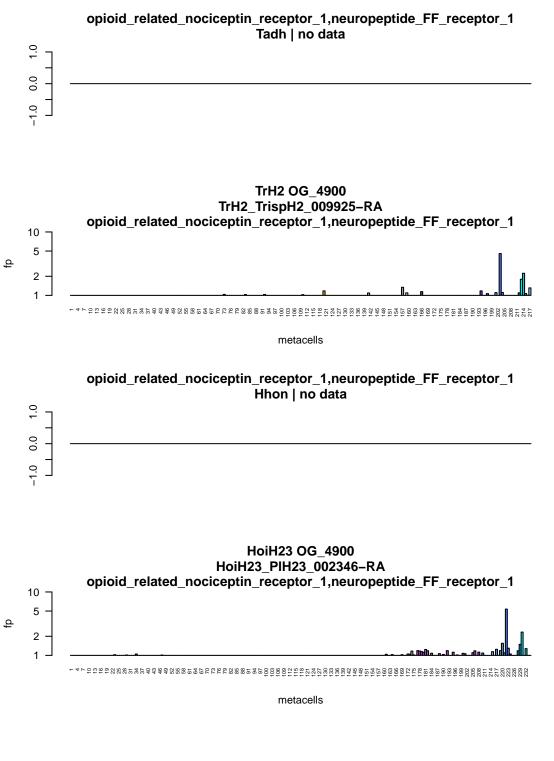
e\_receptor,galanin\_receptor\_1,gonadotropin\_releasing\_hormone\_receptor,prolactin\_releas 



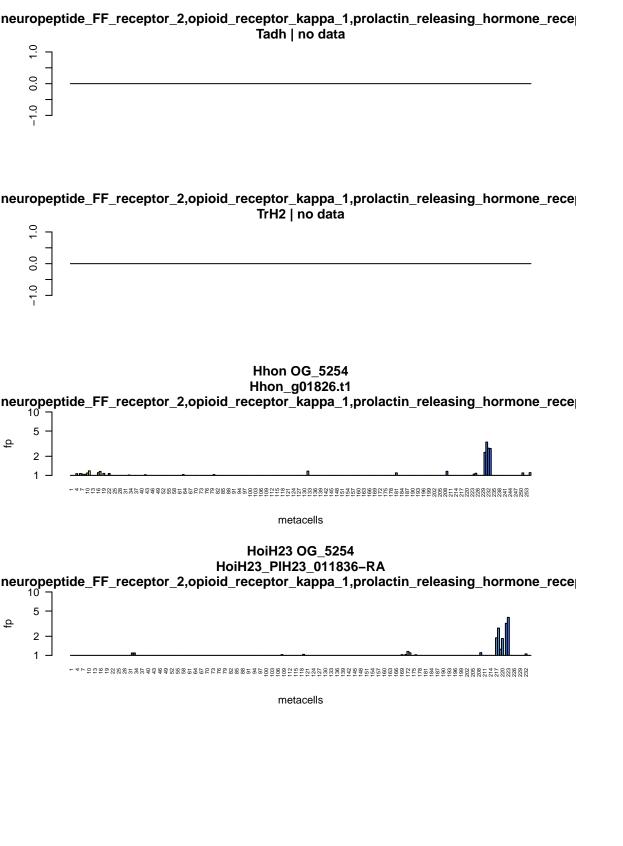
HoiH23 OG\_4221 HoiH23\_PIH23\_010388-RA mone\_receptor,hypocretin\_receptor\_2,5\_hydroxytryptamine\_receptor\_1F,bombesin\_receptor\_10\_¬  $^{-4} + ^{0} +$ metacells HoiH23 OG\_4221 HoiH23\_PIH23\_010389-RA mone\_receptor,hypocretin\_receptor\_2,5\_hydroxytryptamine\_receptor\_1F,bombesin\_receptor\_10\_¬  $^{-4} + ^{0} +$ HoiH23 OG\_4221 HoiH23\_PIH23\_010390-RA mone\_receptor,hypocretin\_receptor\_2,5\_hydroxytryptamine\_receptor\_1F,bombesin\_receptor\_10\_¬  $^{-4} + ^{0} +$ metacells HoiH23 OG\_4221 HoiH23\_PIH23\_010391-RA mone\_receptor,hypocretin\_receptor\_2,5\_hydroxytryptamine\_receptor\_1F,bombesin\_receptor\_10\_¬  $^{-4} + ^{0} +$ metacells HoiH23 OG\_4221 HoiH23\_PIH23\_010394-RA mone\_receptor,hypocretin\_receptor\_2,5\_hydroxytryptamine\_receptor\_1F,bombesin receptor\_10 ¬  $^{-4} + ^{0} +$ HoiH23 OG\_4221 HoiH23\_PIH23\_009431-RA mone\_receptor,hypocretin\_receptor\_2,5\_hydroxytryptamine\_receptor\_1F,bombesin\_receptor\_10 ¬  $^{-4} + ^{0} +$ metacells





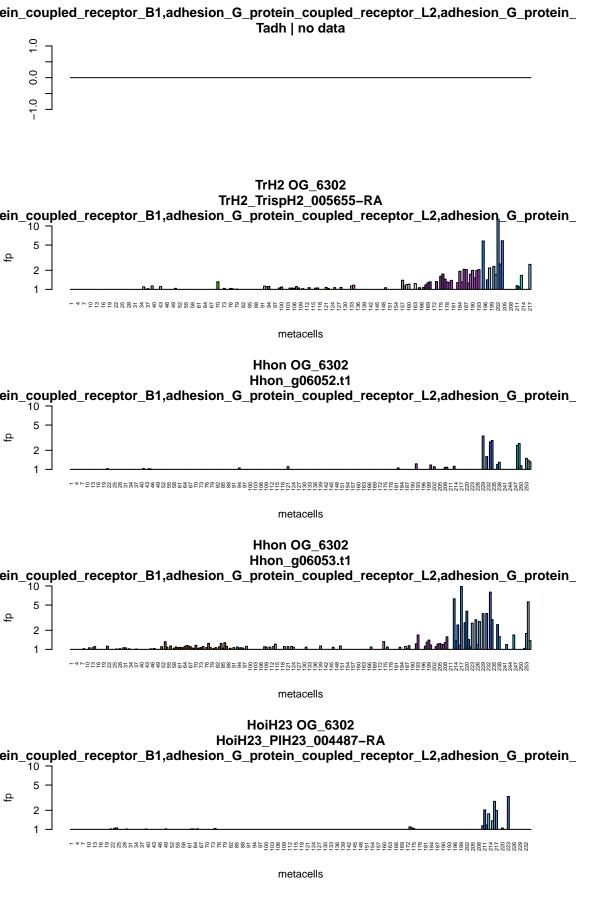


Tadh OG\_4981 Tadh\_TriadT58723 denosine\_A2a\_receptor,trace\_amine\_associated\_receptor\_5,5\_hydroxytryptamine\_recepto 2 metacells TrH2 OG\_4981 TrH2\_TrispH2\_006525-RA denosine\_A2a\_receptor,trace\_amine\_associated\_receptor\_5,5\_hydroxytryptamine\_receptor\_10 ¬  $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells Hhon OG\_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

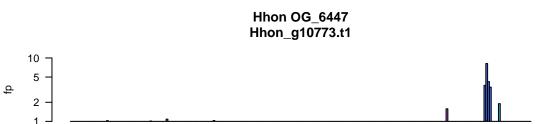


# Tadh OG\_5302 Tadh\_TriadT62195 $relaxin\_family\_peptide\_receptor\_1, thy roid\_stimulating\_hormone\_receptor$ 10 metacells TrH2 OG\_5302 TrH2\_TrispH2\_011175-RA $relaxin\_family\_peptide\_receptor\_i, thyroid\_stimulating\_hormone\_receptor$ 10 $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells $relaxin\_family\_peptide\_receptor\_1, thyroid\_stimulating\_hormone\_receptor$ Hhon | no data HoiH23 OG\_5302 HoiH23\_PIH23\_008894-RA $relaxin\_family\_peptide\_receptor\_1, thyroid\_stimulating\_hormone\_receptor$ 10

# Tadh OG\_6259 Tadh\_TriadT28334 opsin\_3 10 --unr-u-tatravuuvuuuvuvuuvuuvuuvuuvuuvuu aataavassassassassassassassa tatravuutta 1999-1999-1999-1999-1999-199 metacells TrH2 OG\_6259 TrH2\_TrispH2\_006600-RA opsin\_3 10 metacells Hhon OG\_6259 Hhon\_g00849.t1 opsin\_3 metacells HoiH23 OG\_6259 HoiH23\_PIH23\_007626-RA opsin\_3 10 metacells

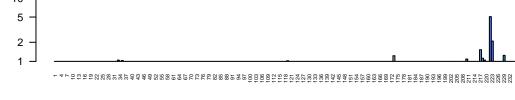


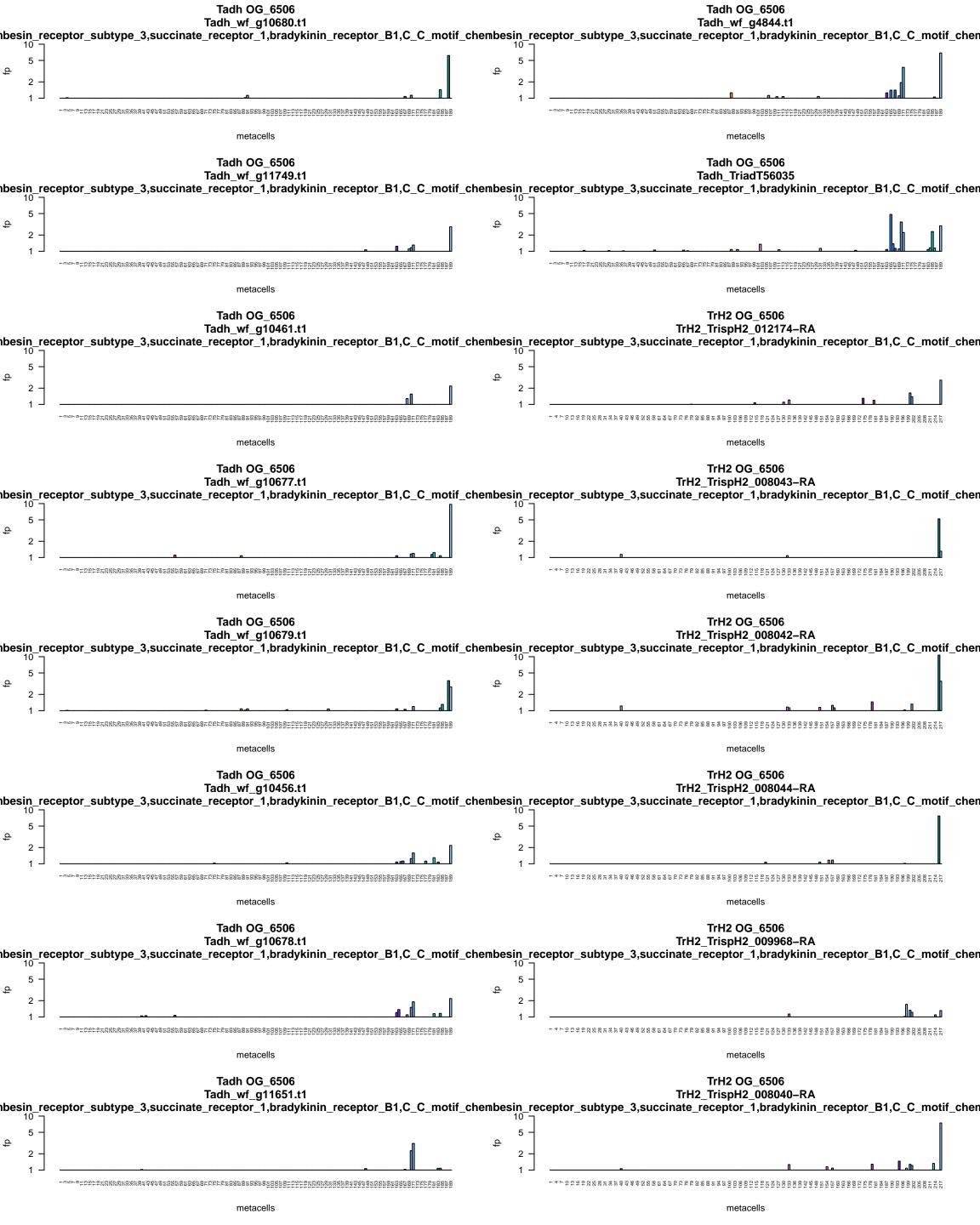
# **Tadh OG\_6396** Tadh\_TriadT55895 $5\_hydroxytryptamine\_receptor\_4, adrenoceptor\_beta\_2$ --unr-u-tatravuuvuuuvuvuuvuuvuuvuuvuuvuu aataavassassassassassassassa tatravuutta 1999-1999-1999-1999-1999-199 metacells TrH2 OG\_6396 TrH2\_TrispH2\_006706-RA $5\_hydroxytryptamine\_receptor\_4, adrenoceptor\_beta\_2$ Hhon OG\_6396 Hhon\_g03287.t1 5\_hydroxytryptamine\_receptor\_4,adrenoceptor\_beta\_2 metacells 5\_hydroxytryptamine\_receptor\_4,adrenoceptor\_beta\_2 HoiH23 | no data

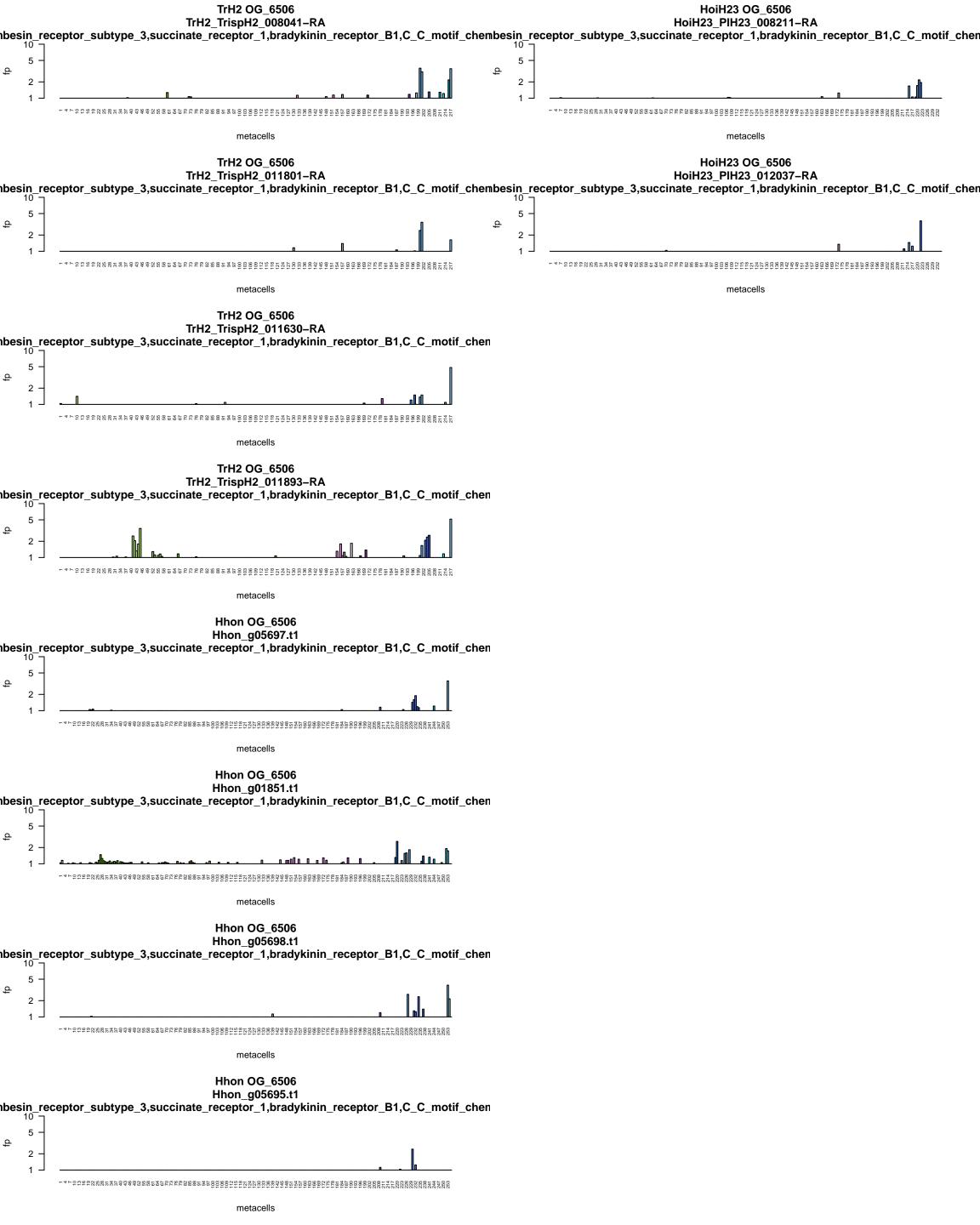


metacells

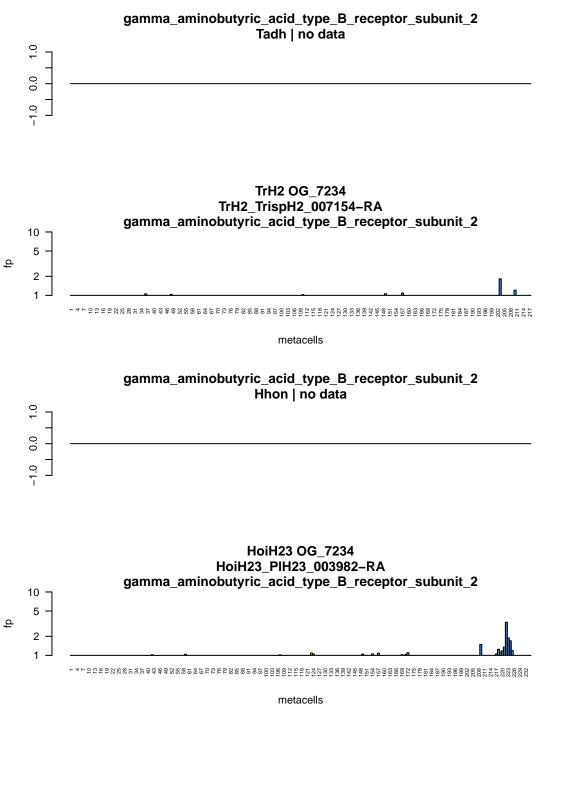
## HoiH23 OG\_6447 HoiH23\_PIH23\_005834-RA

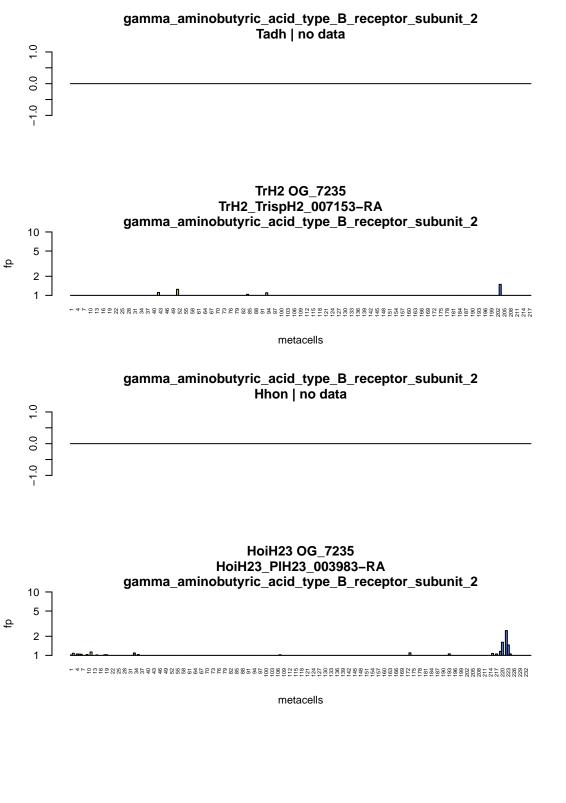


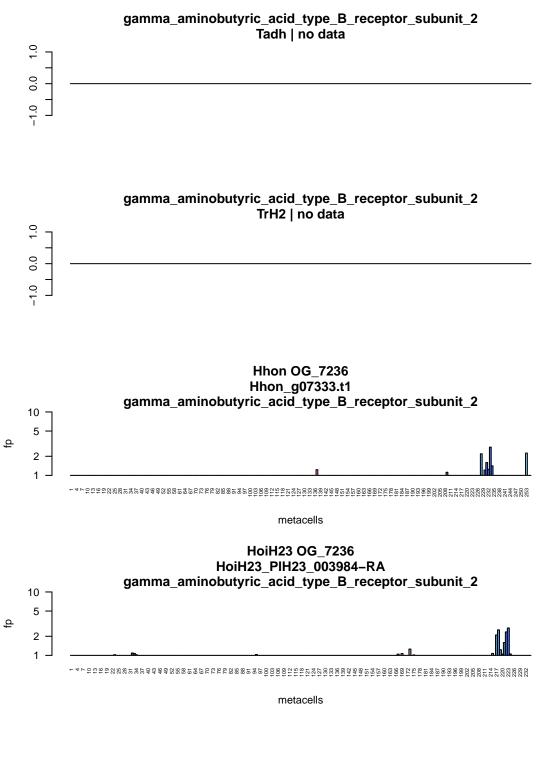


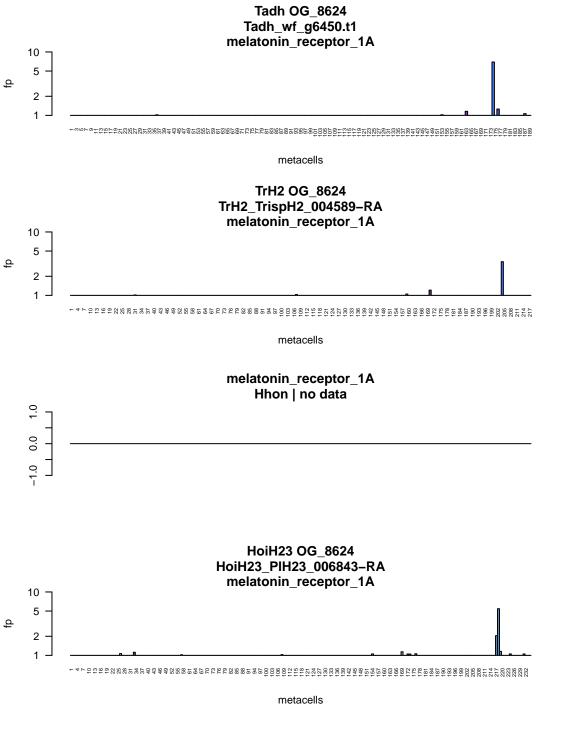


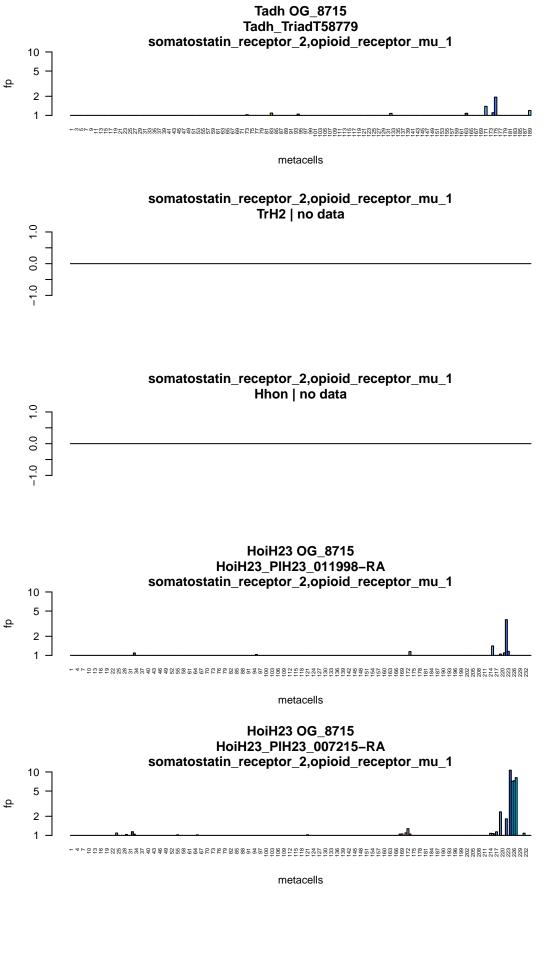
# **Tadh OG\_6635** Tadh\_TriadT61508 dopamine\_receptor\_D1,histamine\_receptor\_H2 metacells TrH2 OG\_6635 TrH2\_TrispH2\_003607-RA dopamine\_receptor\_D1,histamine\_receptor\_H2 metacells **Hhon OG\_6635** Hhon\_g09237.t1 dopamine\_receptor\_D1,histamine\_receptor\_H2 metacells HoiH23 OG\_6635 HoiH23\_PIH23\_010245-RA dopamine\_receptor\_D1,histamine\_receptor\_H2

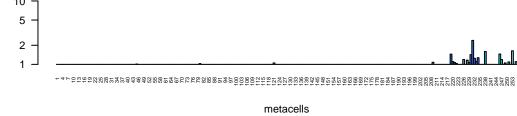




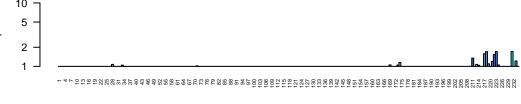




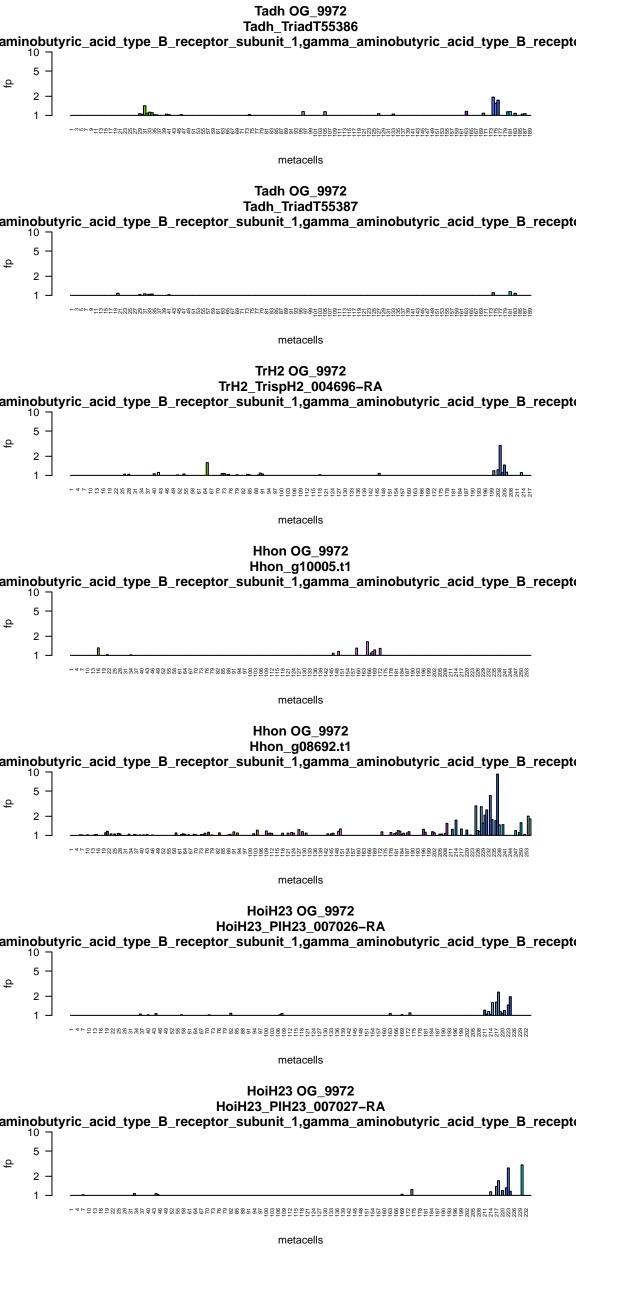




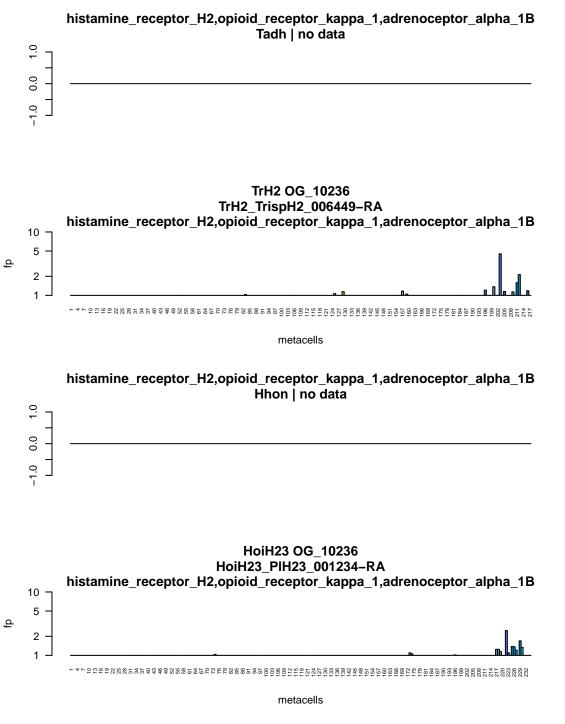
## HoiH23 OG\_9610 HoiH23\_PIH23\_005684-RA



# $adenosine\_A2a\_receptor, G\_protein\_coupled\_receptor\_50$ Tadh | no data TrH2 OG\_9648 TrH2\_TrispH2\_003321-RA $adenosine\_A2a\_receptor, G\_protein\_coupled\_receptor\_50$ 10 metacells Hhon OG\_9648 Hhon\_g04822.t1 adenosine\_A2a\_receptor,G\_protein\_coupled\_receptor\_50 metacells HoiH23 OG\_9648 HoiH23\_PIH23\_009617-RA $adenosine\_A2a\_receptor, G\_protein\_coupled\_receptor\_50$ 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 - $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells Hhon OG\_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

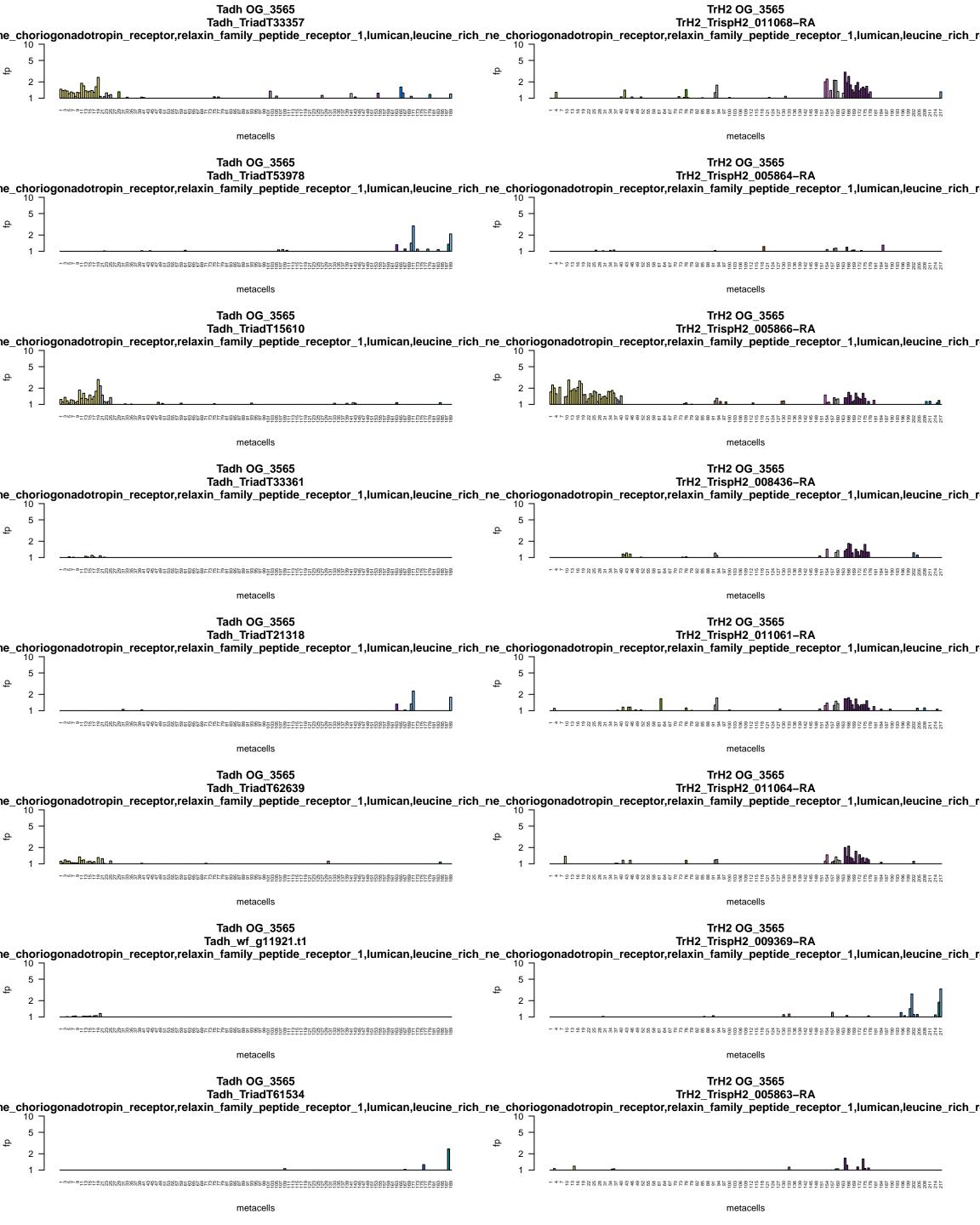


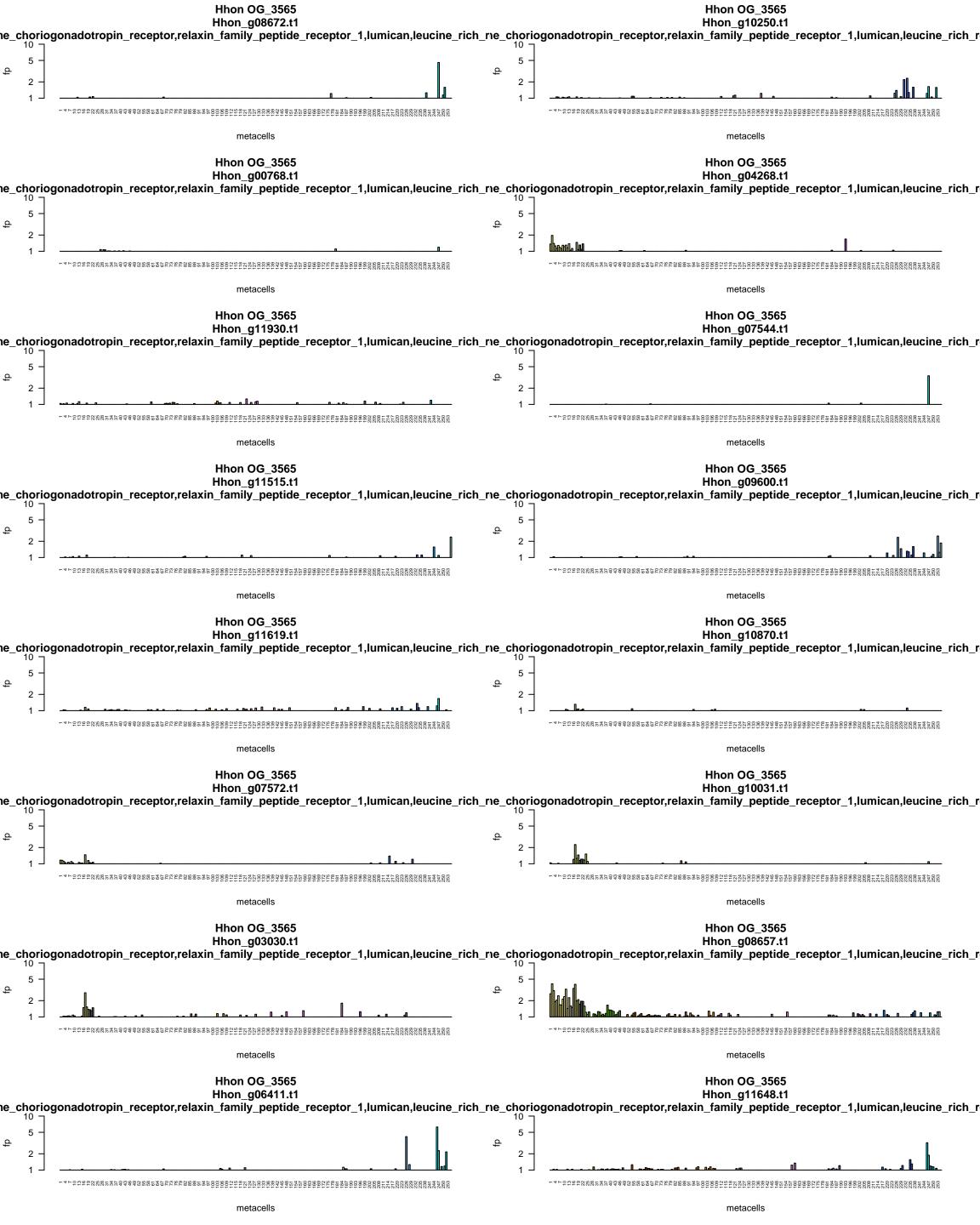
# Tadh OG\_10359 Tadh\_wf\_g9895.t1 10 5-2-1 metacells TrH2 OG\_10359 TrH2\_TrispH2\_008852-RA 10 5-2-1 HoiH23 OG\_10359 HoiH23\_PIH23\_008471-RA

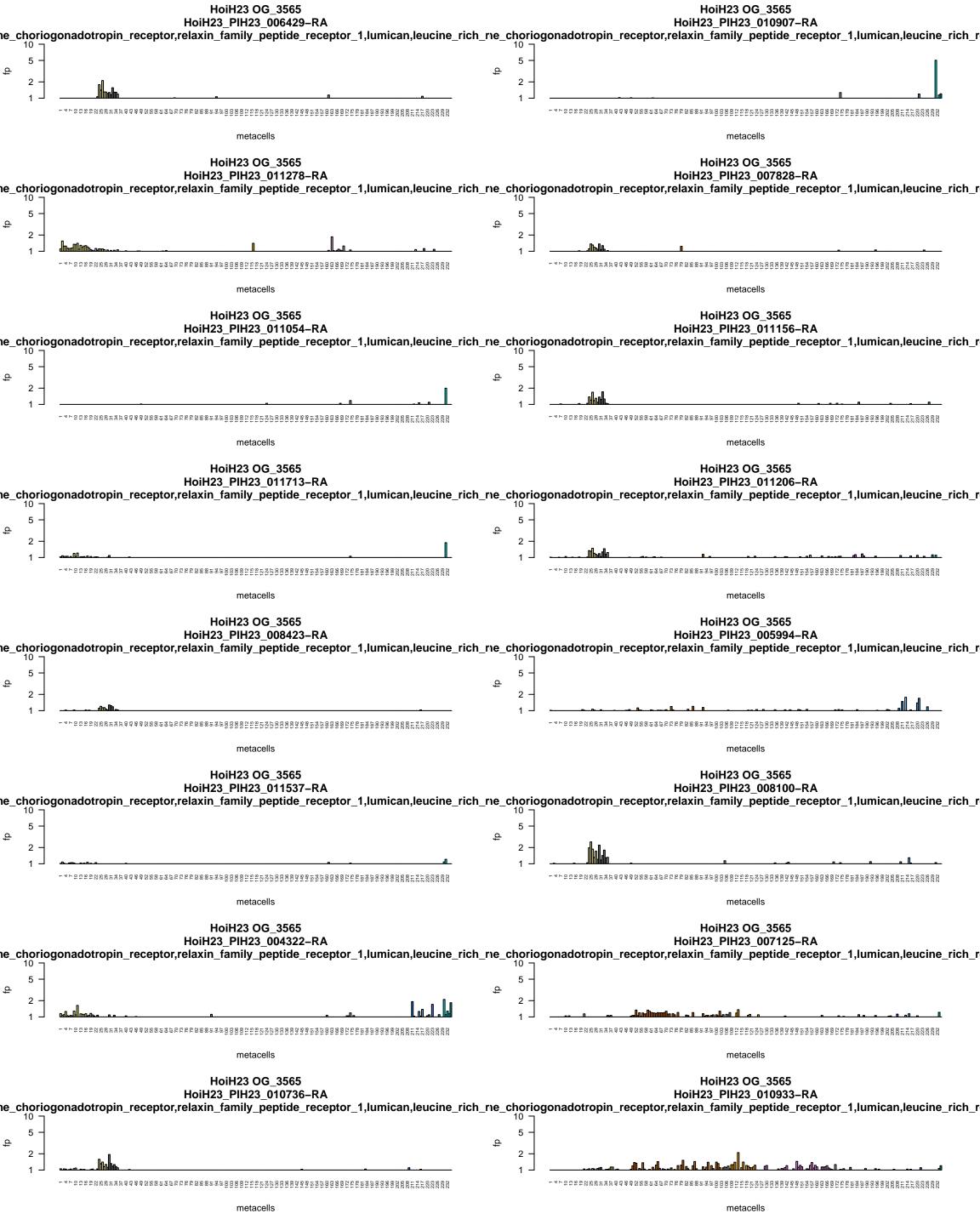
# Tadh\_wf\_g9901.t1 C\_C\_motif\_chemokine\_receptor\_8 TrH2\_OG\_10362 TrH2\_TrispH2\_008859-RA C\_C\_motif\_chemokine\_receptor\_8 C\_C\_motif\_chemokine\_receptor\_8 C\_C\_motif\_chemokine\_receptor\_8 C\_C\_motif\_chemokine\_receptor\_8 Hhon | no data

# Tadh OG\_10730 Tadh\_wf\_g322.t1 adenosine\_A2a\_receptor,neuropeptide\_Y\_receptor\_Y1 metacells TrH2 OG\_10730 TrH2\_TrispH2\_006374-RA $adenosine\_A2a\_receptor, neuropeptide\_Y\_receptor\_Y1$ 10 -metacells Hhon OG\_10730 Hhon\_g02041.t1 adenosine\_A2a\_receptor,neuropeptide\_Y\_receptor\_Y1 metacells adenosine\_A2a\_receptor,neuropeptide\_Y\_receptor\_Y1 HoiH23 | no data

**Tadh OG\_2959** Tadh\_TriadT52577 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_recepto 2 metacells **Tadh OG\_2959** Tadh\_TriadT52576 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2. metacells TrH2 OG\_2959 TrH2\_TrispH2\_000233-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2. TrH2 OG\_2959 TrH2\_TrispH2\_011846-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor metacells TrH2 OG\_2959 TrH2\_TrispH2\_011778-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_acid\_typ **Hhon OG\_2959** Hhon\_g05295.t1 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2. metacells HoiH23 OG\_2959 HoiH23\_PIH23\_000720-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_recepto  $\begin{smallmatrix} & +4 \\ & +6$ metacells







HoiH23 OG\_3565 HoiH23\_PIH23\_009290-RA ne\_choriogonadotropin\_receptor,relaxin\_family\_peptide\_receptor\_1,lumican,leucine\_rich\_r 2 metacells HoiH23 OG\_3565 HoiH23\_PIH23\_011058-RA metacells HoiH23 OG\_3565 HoiH23\_PIH23\_010881-RA ne\_choriogonadotropin\_receptor,relaxin\_family\_peptide\_receptor\_1,lumican,leucine\_rich\_r  $\begin{smallmatrix} & +4 \\ & +6$ metacells HoiH23 OG\_3565 HoiH23\_PIH23\_010735-RA ne\_choriogonadotropin\_receptor,relaxin\_family\_peptide\_receptor\_1,lumican,leucine\_rich\_r  $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ metacells

### **Tadh OG\_3567** Tadh\_TriadT56630 $Iute in izing\_hormone\_choriogona dotrop in\_receptor$ 10 metacells TrH2 OG\_3567 TrH2\_TrispH2\_007956-RA $Iute in izing\_hormone\_choriogon adotrop in\_receptor$ 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\_3567 Hhon\_g09149.t1 $Iute inizing\_hormone\_choriogon adotrop in\_receptor$ -4 + 7055 + 6052 + 60metacells Hhon OG\_3567 Hhon\_g10326.t1 luteinizing\_hormone\_choriogonadotropin\_receptor 10 $^{-4} + ^{0} +$ metacells HoiH23 OG\_3567 HoiH23\_PIH23\_005169-RA $Iuteinizing\_hormone\_choriogonadotropin\_receptor$ metacells HoiH23 OG\_3567 HoiH23\_PIH23\_009991-RA $Iuteinizing\_hormone\_choriogonadotropin\_receptor$ 10 metacells

# thyroid\_stimulating\_hormone\_receptor Tadh | no data TrH2 OG\_3593 TrH2\_TrispH2\_009078-RA thyroid\_stimulating\_hormone\_receptor metacells Hhon OG\_3593 Hhon\_g02067.t1 thyroid\_stimulating\_hormone\_receptor metacells HoiH23 OG\_3593 HoiH23\_PIH23\_010007-RA thyroid\_stimulating\_hormone\_receptor metacells

# **Tadh OG\_3922** Tadh\_wf\_g7550.t1 bone\_morphogenetic\_protein\_4 10 metacells Tadh OG\_3922 Tadh\_TriadT58663 $bone\_morphogenetic\_protein\_4$ metacells TrH2 OG\_3922 TrH2\_TrispH2\_006204-RA bone\_morphogenetic\_protein\_4 $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells TrH2 OG\_3922 TrH2\_TrispH2\_006205-RA bone\_morphogenetic\_protein\_4 10 metacells bone\_morphogenetic\_protein\_4 Hhon | no data HoiH23 OG\_3922 HoiH23\_PIH23\_005756-RA $bone\_morphogenetic\_protein\_4$ metacells

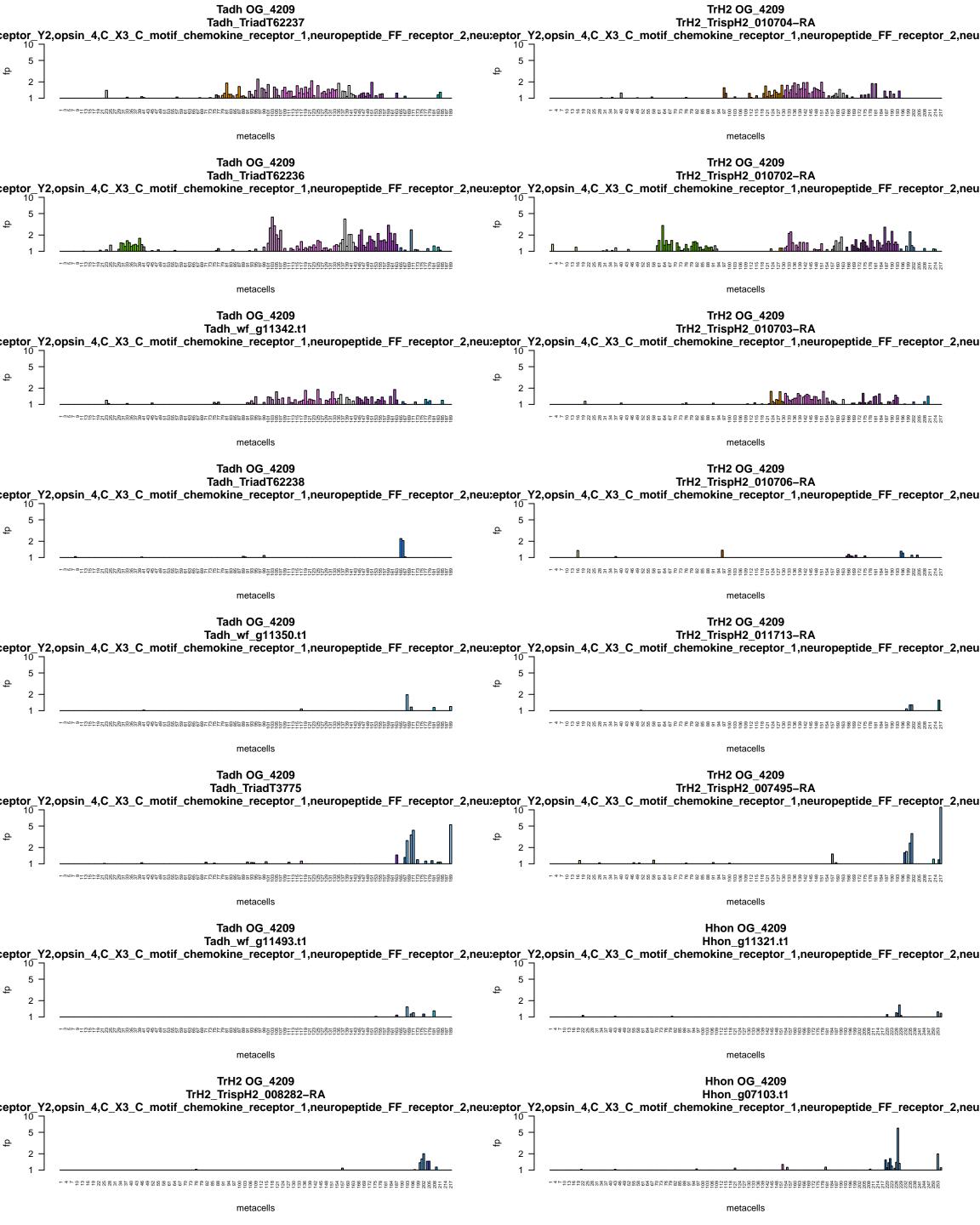
## 

metacells

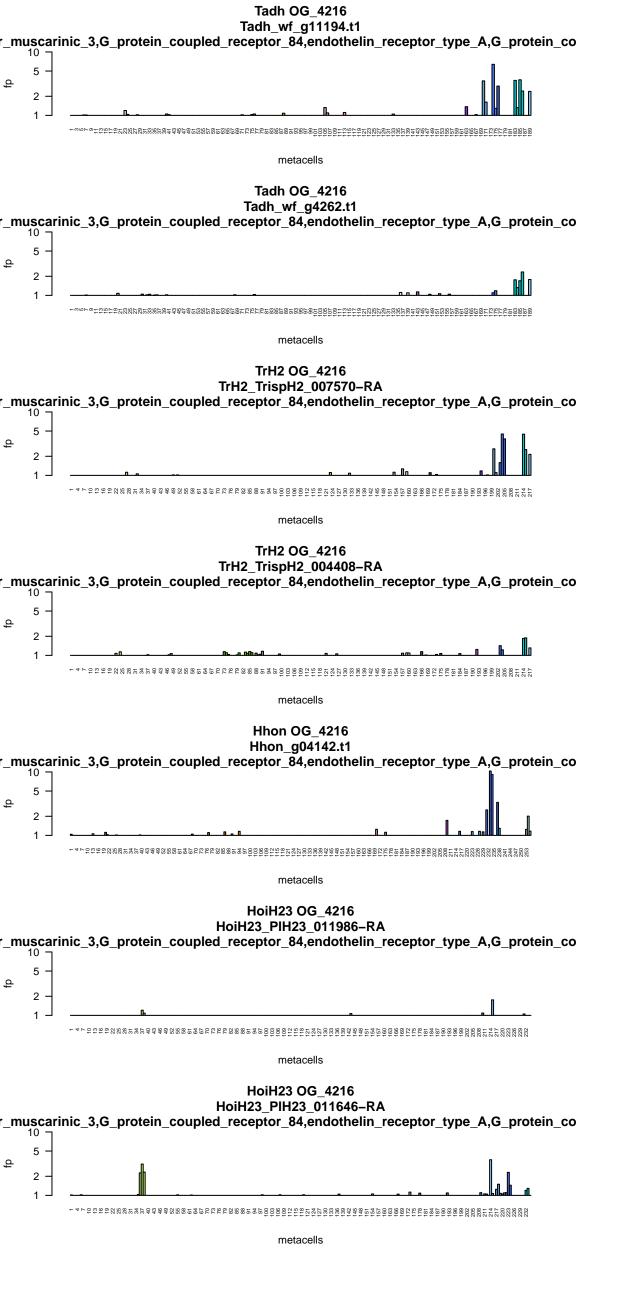
### Hhon OG\_4120 Hhon\_g03439.t1

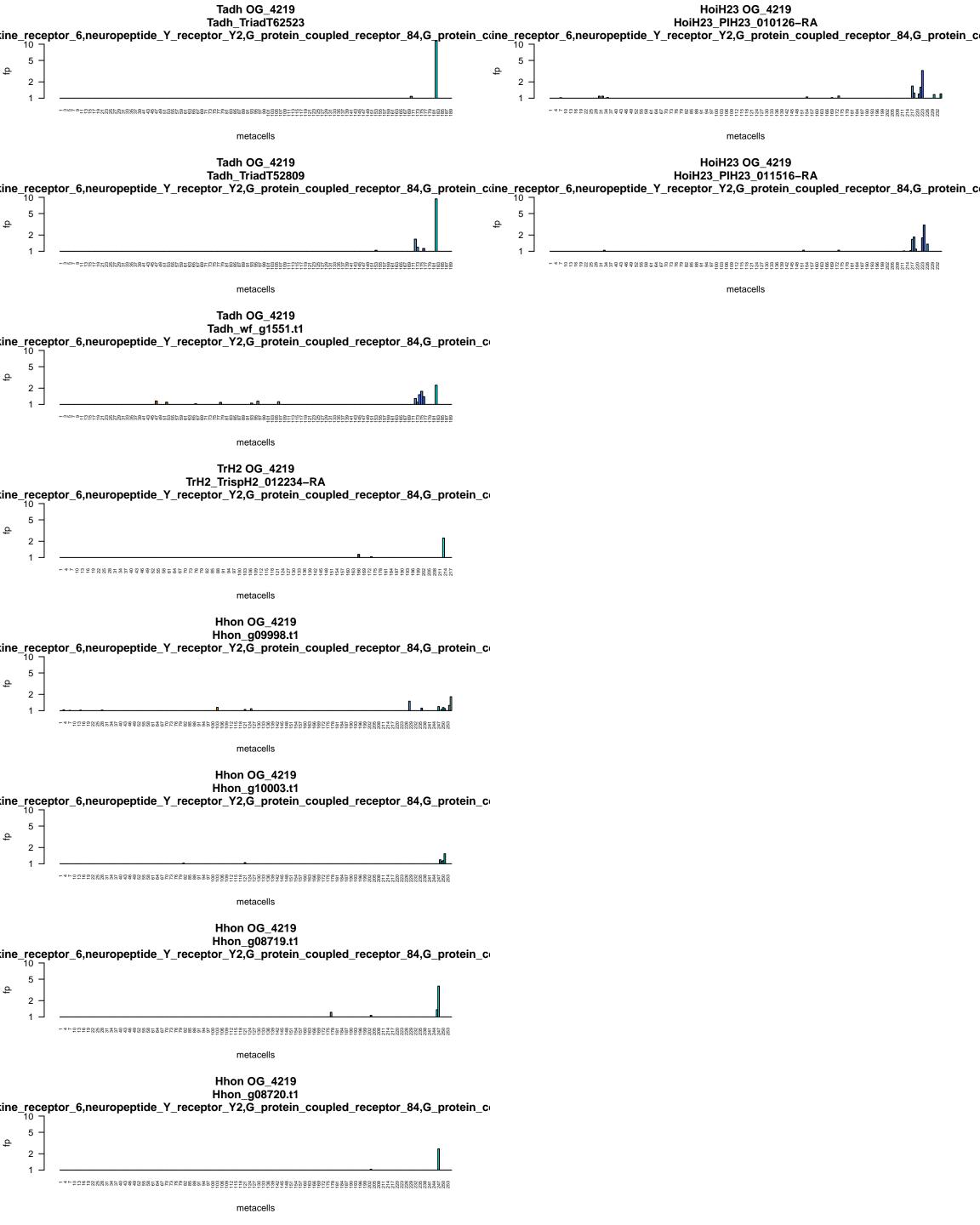
metacells

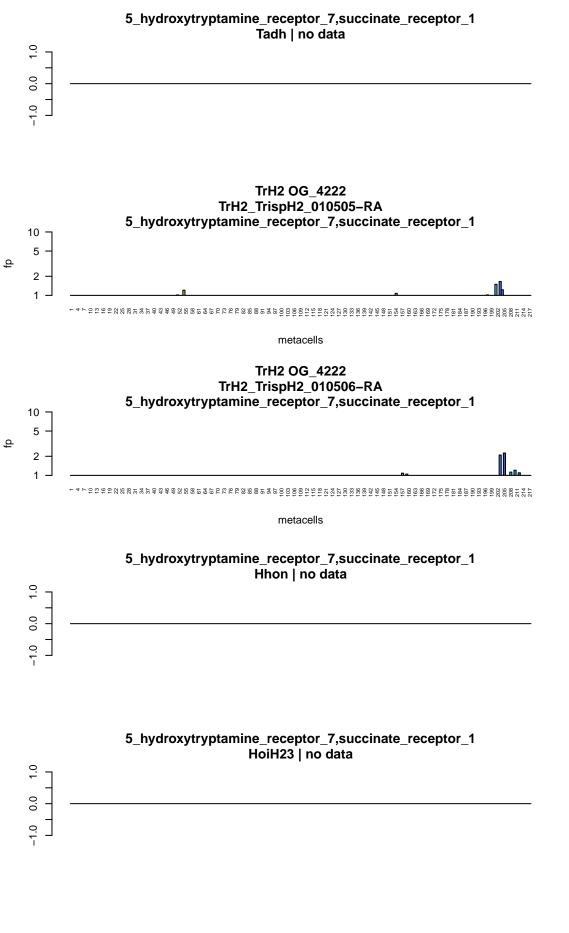
### HoiH23 OG\_4120 HoiH23\_PIH23\_007154-RA

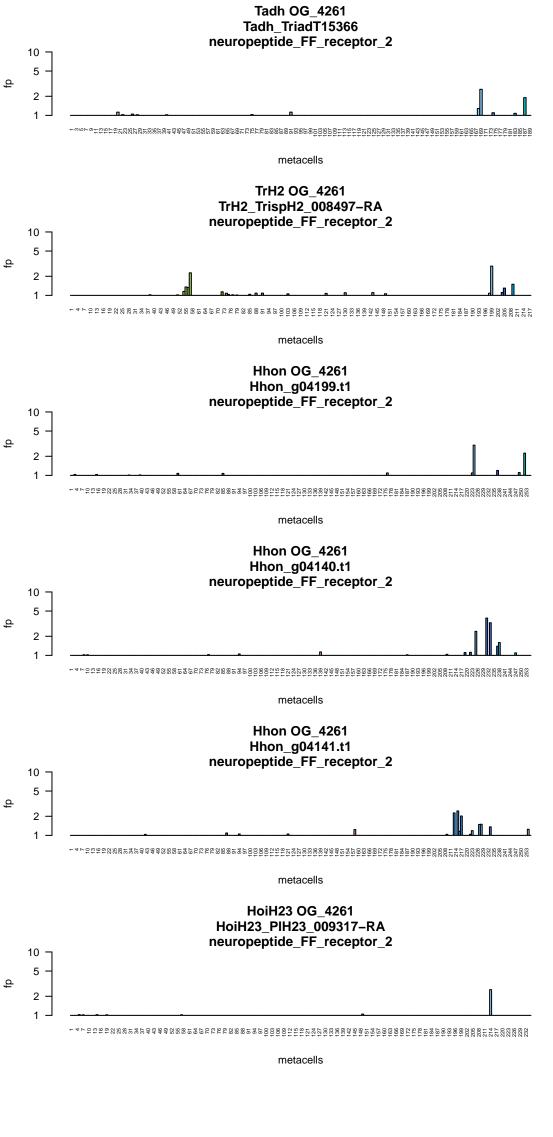


HoiH23 OG\_4209 HoiH23\_PIH23\_011453-RA eptor\_Y2,opsin\_4,C\_X3\_C\_motif\_chemokine\_receptor\_1,neuropeptide\_FF\_receptor\_2,neu  $^{-4} + ^{0} +$ metacells HoiH23 OG\_4209 HoiH23\_PIH23\_009441-RA ceptor\_Y2,opsin\_4,C\_X3\_C\_motif\_chemokine\_receptor\_1,neuropeptide\_FF\_receptor\_2,neu  $^{-4} + ^{0} +$ metacells HoiH23 OG\_4209 HoiH23\_PIH23\_009443-RA ceptor\_Y2,opsin\_4,C\_X3\_C\_motif\_chemokine\_receptor\_1,neuropeptide\_FF\_receptor\_2,neu  $^{-4} + ^{0} +$ metacells HoiH23 OG\_4209 HoiH23\_PIH23\_009440-RA ceptor\_Y2,opsin\_4,C\_X3\_C\_motif\_chemokine\_receptor\_1,neuropeptide\_FF\_receptor\_2,neu metacells HoiH23 OG\_4209 HoiH23\_PIH23\_009442-RA ceptor\_Y2,opsin\_4,C\_X3\_C\_motif\_chemokine\_receptor\_1,neuropeptide\_FF\_receptor\_2,neu  $^{-4} + ^{0} +$ HoiH23 OG\_4209 HoiH23\_PIH23\_009444-RA eptor\_Y2,opsin\_4,C\_X3\_C\_motif\_chemokine\_receptor\_1,neuropeptide\_FF\_receptor\_2,neu  $^{-4} + ^{0} +$ metacells HoiH23 OG\_4209 HoiH23\_PIH23\_002703-RA ceptor\_Y2,opsin\_4,C\_X3\_C\_motif\_chemokine\_receptor\_1,neuropeptide\_FF\_receptor\_2,neu  $\begin{smallmatrix} & +4 \\ & +6$ metacells







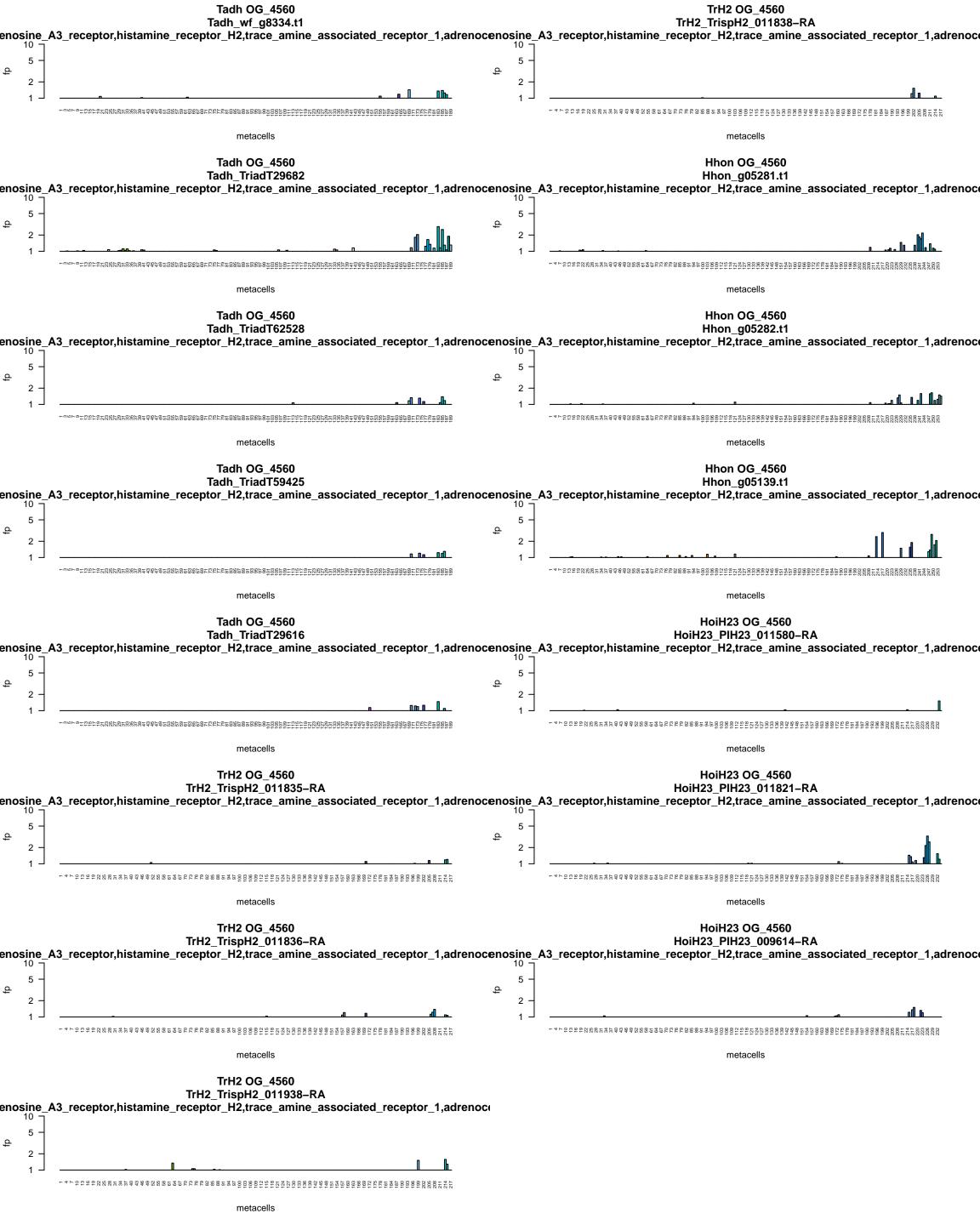


### **Tadh OG\_4263** Tadh\_TriadT24452 neuropeptide\_FF\_receptor\_2,neuropeptide\_FF\_receptor\_1 10 metacells **Tadh OG\_4263** Tadh\_TriadT5569 $neuropeptide\_FF\_receptor\_2, neuropeptide\_FF\_receptor\_1$ 10 metacells TrH2 OG\_4263 TrH2\_TrispH2\_008496-RA $neuropeptide\_FF\_receptor\_2, neuropeptide\_FF\_receptor\_1$ metacells Hhon OG\_4263 Hhon\_g11667.t1 neuropeptide\_FF\_receptor\_2,neuropeptide\_FF\_receptor\_1 10 $^{-4} + ^{0} +$ metacells HoiH23 OG\_4263 HoiH23\_PIH23\_009319-RA neuropeptide\_FF\_receptor\_2,neuropeptide\_FF\_receptor\_1 10

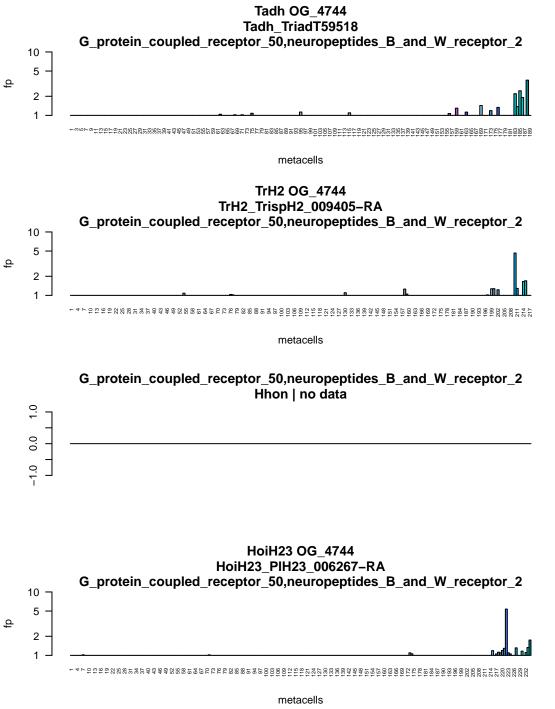


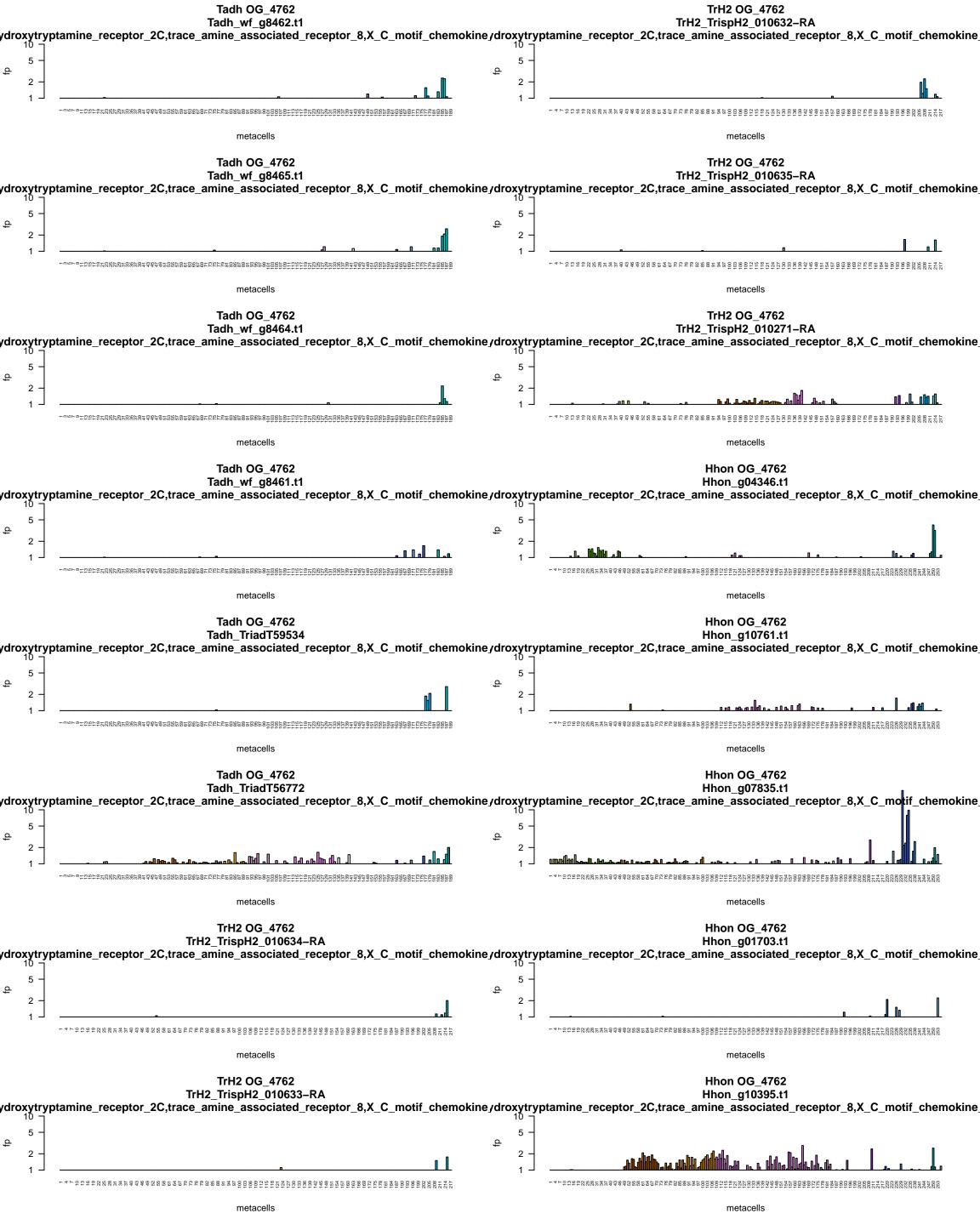


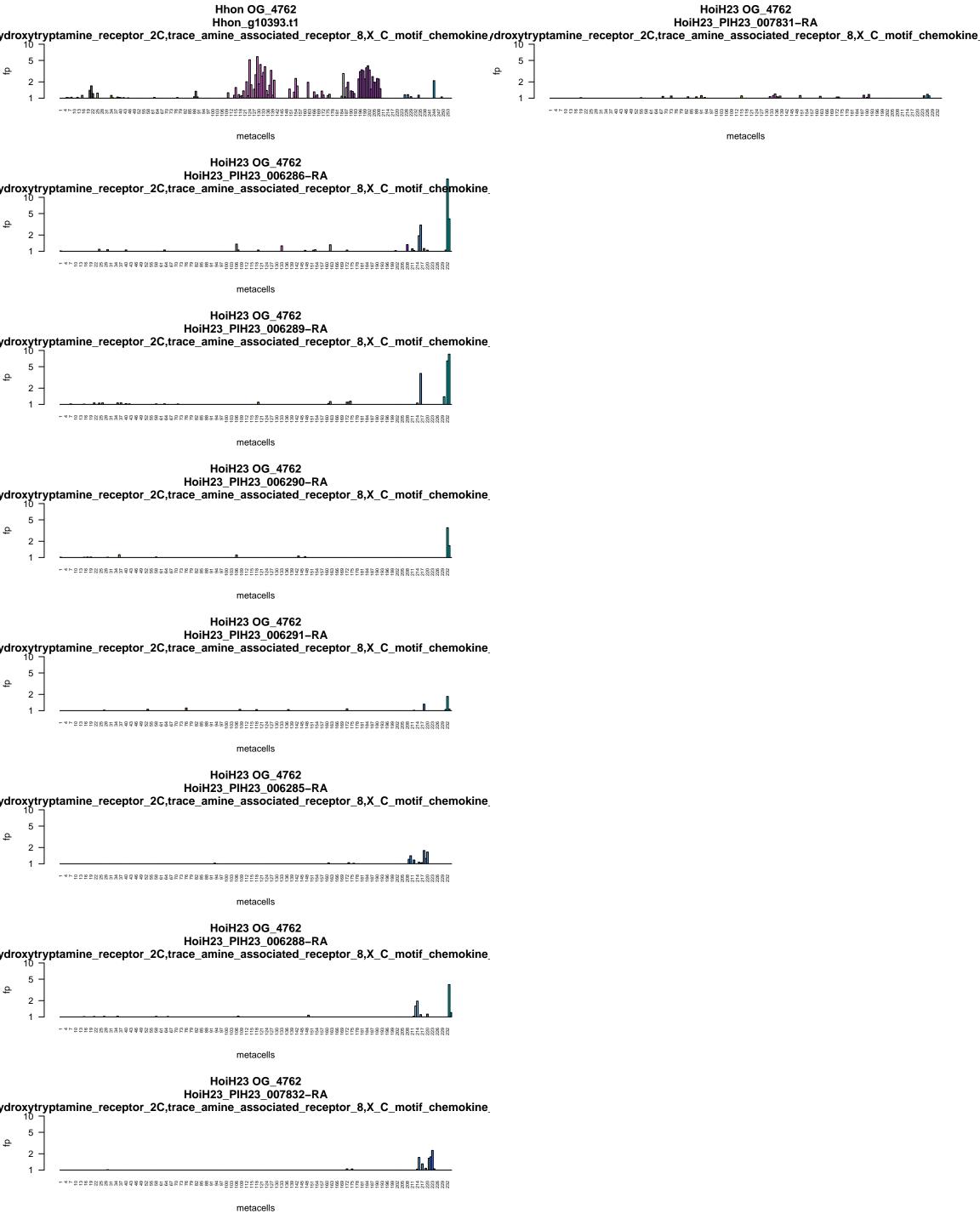
### Tadh OG\_4394 Tadh\_TriadT3154 $neuropeptide\_Y\_receptor\_Y2, neuropeptide\_FF\_receptor\_2$ 10 metacells TrH2 OG\_4394 TrH2\_TrispH2\_012221-RA neuropeptide\_Y\_receptor\_Y2,neuropeptide\_FF\_receptor\_2 10 $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells Hhon OG\_4394 Hhon\_g11086.t1 neuropeptide\_Y\_receptor\_Y2,neuropeptide\_FF\_receptor\_2 metacells HoiH23 OG\_4394 HoiH23\_PIH23\_010066-RA $neuropeptide\_Y\_receptor\_Y2, neuropeptide\_FF\_receptor\_2$ 10



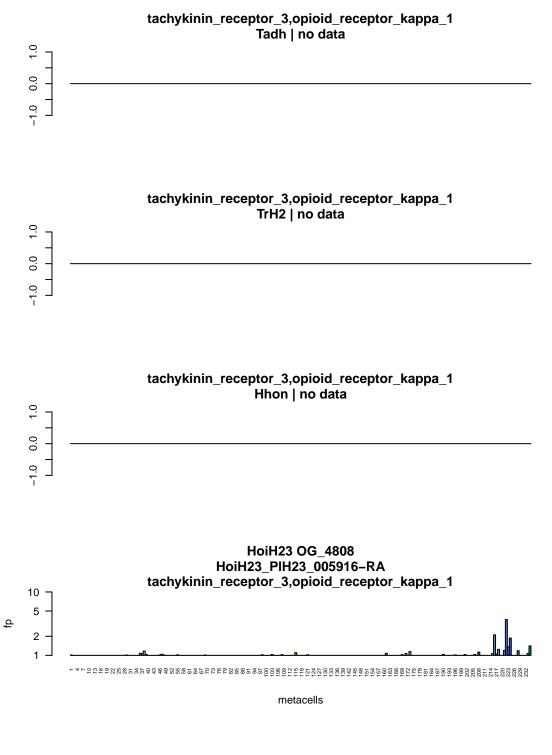
**Tadh OG\_4561** Tadh\_wf\_g11624.t1 ubfamily\_C\_member\_75,olfactory\_receptor\_family\_10\_subfamily\_G\_member\_8,adenosine\_ 2 metacells **Tadh OG\_4561** Tadh\_wf\_g11462.t1 ubfamily\_C\_member\_75,olfactory\_receptor\_family\_10\_subfamily\_G\_member\_8,adenosine\_ **Tadh OG\_4561** Tadh\_wf\_g11463.t1 ubfamily\_C\_member\_75,olfactory\_receptor\_family\_10\_subfamily\_G\_member\_8,adenosine\_ TrH2 OG\_4561 TrH2\_TrispH2\_010167-RA ubfamily\_C\_member\_75,olfactory\_receptor\_family\_10\_subfamily\_G\_member\_8,adenosine\_ metacells TrH2 OG\_4561 TrH2\_TrispH2\_010168-RA ubfamily\_C\_member\_75,olfactory\_receptor\_family\_10\_subfamily\_G\_member\_8,adenosine\_ **Hhon OG\_4561** Hhon\_g05138.t1 ubfamily\_C\_member\_75,olfactory\_receptor\_family\_10\_subfamily\_G\_member\_8,adenosine\_ metacells ubfamily\_C\_member\_75,olfactory\_receptor\_family\_10\_subfamily\_G\_member\_8,adenosine\_ HoiH23 | no data 0

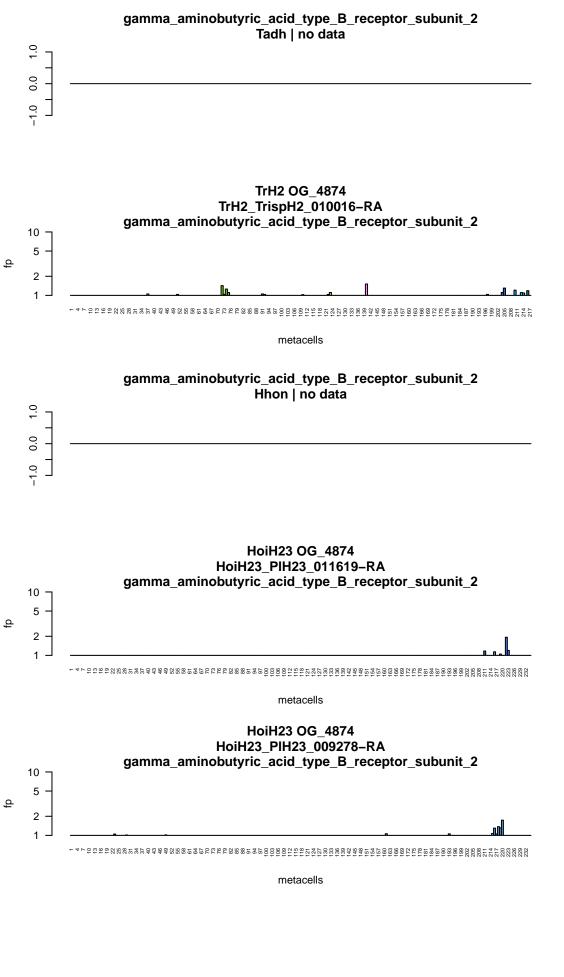






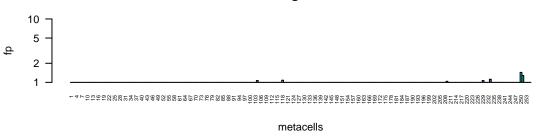
### Tadh OG\_4780 Tadh\_TriadT59551 adrenoceptor\_alpha\_1A,adrenoceptor\_alpha\_1B,dopamine\_receptor\_D1 10 2 -metacells TrH2 OG\_4780 TrH2\_TrispH2\_010116-RA $adrenoceptor\_alpha\_1A, adrenoceptor\_alpha\_1B, dopamine\_receptor\_D1$ 10 metacells Hhon OG\_4780 Hhon\_g10380.t1 adrenoceptor\_alpha\_1A,adrenoceptor\_alpha\_1B,dopamine\_receptor\_D1 $^{-4}{}^{+}$ metacells HoiH23 OG\_4780 HoiH23\_PIH23\_006311-RA $adrenoceptor\_alpha\_1A, adrenoceptor\_alpha\_1B, dopamine\_receptor\_D1$ 10



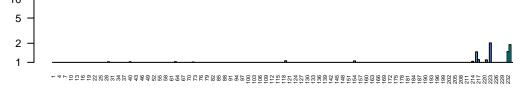


# Tadh\_TriadT58713 5\_hydroxytryptamine\_receptor\_4,adrenoceptor\_alpha\_1B TrH2\_OG\_4991 TrH2\_TrispH2\_006512\_RA 5\_hydroxytryptamine\_receptor\_4,adrenoceptor\_alpha\_1B metacells find of find the f

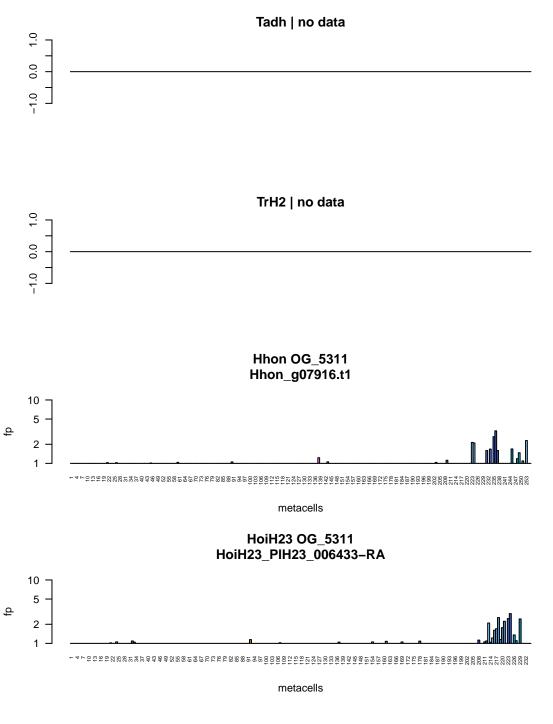
# 

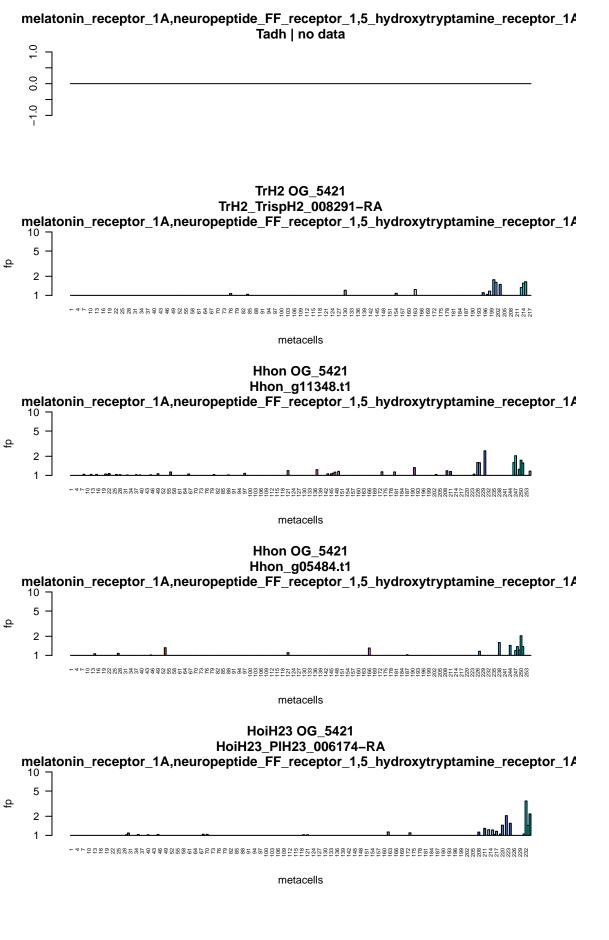


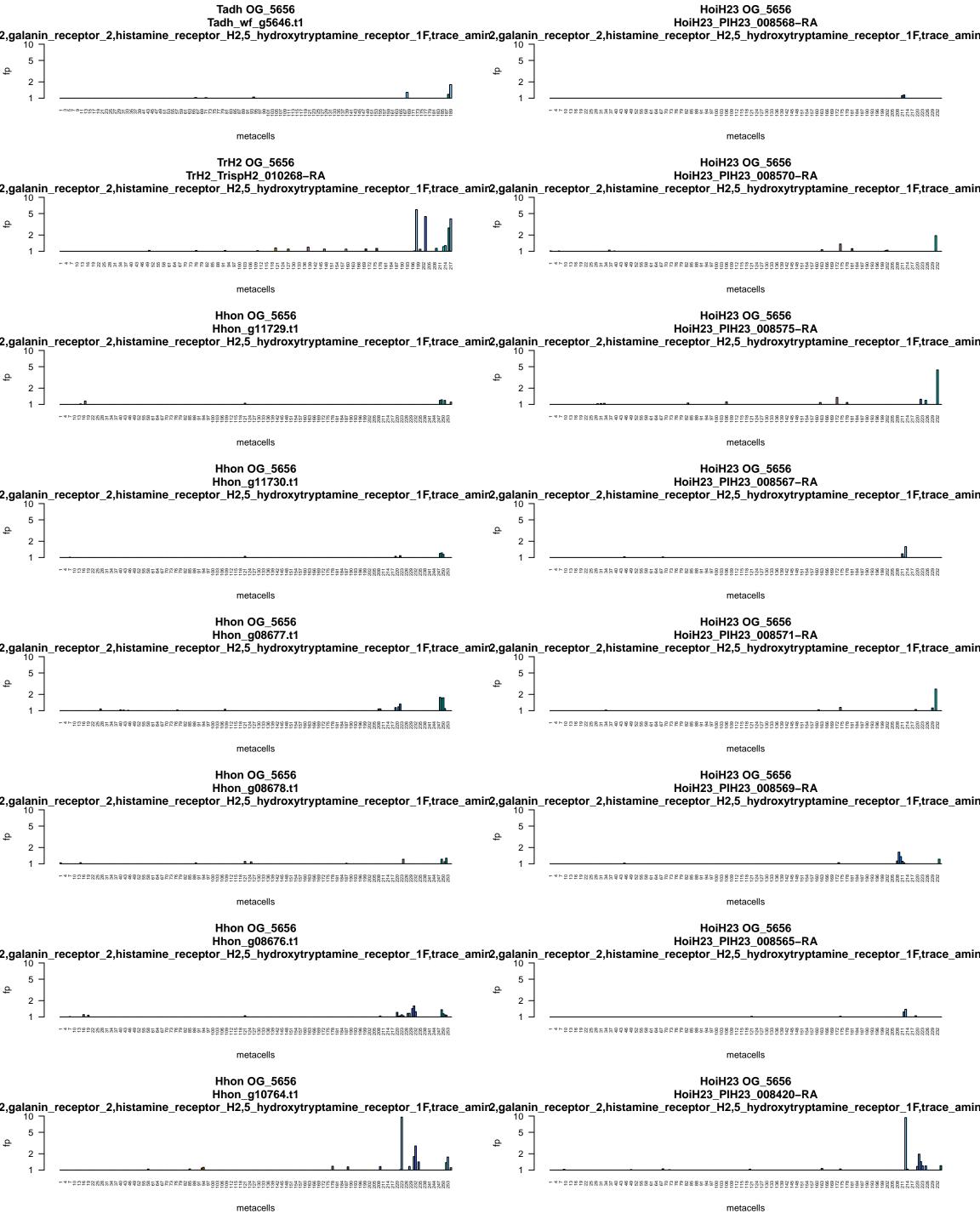
### HoiH23 OG\_5118 HoiH23\_PIH23\_007704-RA

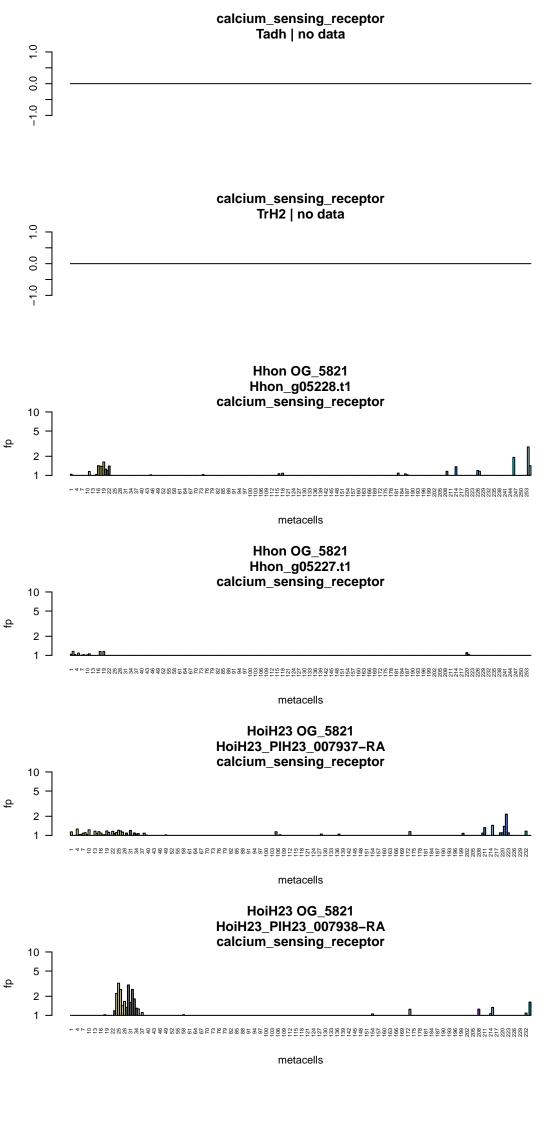


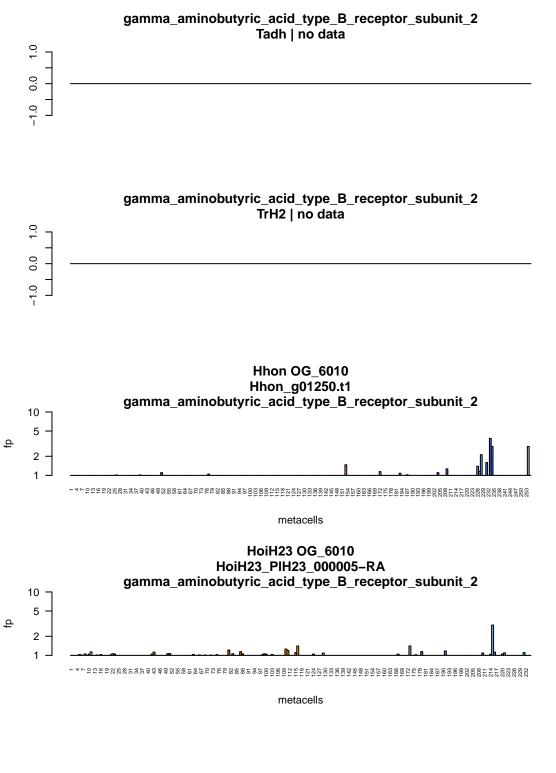
**Tadh OG\_5150** Tadh\_wf\_g10331.t1 ioid\_receptor\_kappa\_1,melanin\_concentrating\_hormone\_receptor\_2,somatostatin\_recepto 2 **Tadh OG\_5150** Tadh\_wf\_g10333.t1 ioid\_receptor\_kappa\_1,melanin\_concentrating\_hormone\_receptor\_2,somatostatin\_recepto **Tadh OG\_5150** Tadh\_wf\_g10330.t1 ioid\_receptor\_kappa\_1,melanin\_concentrating\_hormone\_receptor\_2,somatostatin\_recepto - un- u-tar-u-uuuvuussa va 444 araapaa aa parakku aa parabaa aa bar oo tar-u-tar-u-tarka aa baraa aa baraa bar TrH2 OG\_5150 TrH2\_TrispH2\_005625-RA ioid\_receptor\_kappa\_1,melanin\_concentrating\_hormone\_receptor\_2,somatostatin\_recepto metacells TrH2 OG\_5150 TrH2\_TrispH2\_009765-RA ioid\_receptor\_kappa\_1,melanin\_concentrating\_hormone\_receptor\_2,somatostatin\_recepto TrH2 OG\_5150 TrH2\_TrispH2\_009762-RA ioid\_receptor\_kappa\_1,melanin\_concentrating\_hormone\_receptor\_2,somatostatin\_receptor\_10 ¬ metacells ioid\_receptor\_kappa\_1,melanin\_concentrating\_hormone\_receptor\_2,somatostatin\_recepto Hhon | no data 0 ioid\_receptor\_kappa\_1,melanin\_concentrating\_hormone\_receptor\_2,somatostatin\_recepto HoiH23 | no data



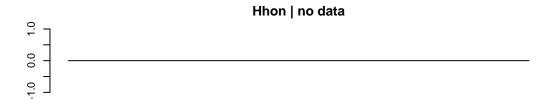




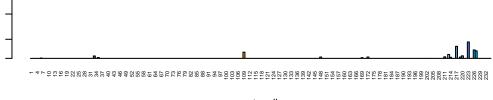




# **Tadh OG\_6116** Tadh\_TriadT59012 G\_protein\_coupled\_receptor\_kinase\_3 10 - unro-cares ප්රතිශ්ව සහ 1 කිරීම ස metacells TrH2 OG\_6116 TrH2\_TrispH2\_006890-RA **G\_protein\_coupled\_receptor\_kinase\_3** metacells Hhon OG\_6116 Hhon\_g02723.t1 G\_protein\_coupled\_receptor\_kinase\_3 metacells HoiH23 OG\_6116 HoiH23\_PIH23\_006962-RA ${\bf G\_protein\_coupled\_receptor\_kinase\_3}$ 10 metacells

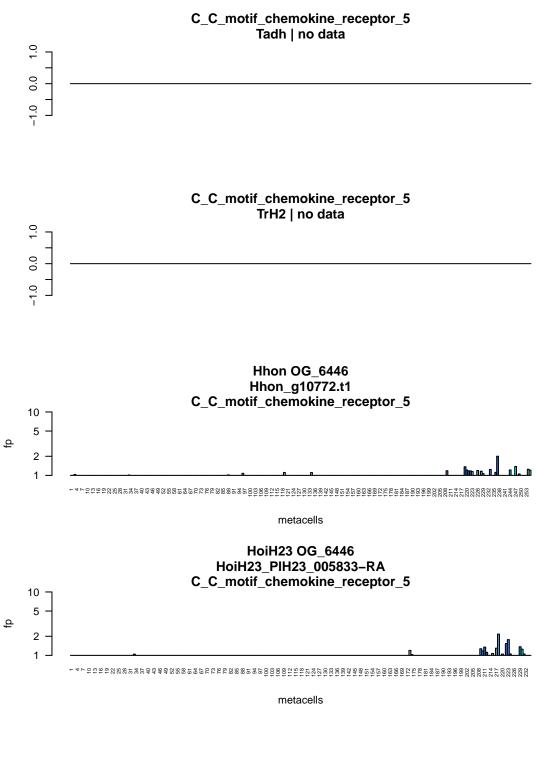


### HoiH23 OG\_6121 HoiH23\_PIH23\_008468-RA



Tadh OG\_6131 Tadh\_wf\_g11454.t1 droxytryptamine\_receptor\_2B,5\_hydroxytryptamine\_receptor\_2C,5\_hydroxytryptamine\_rec 2 metacells TrH2 OG\_6131 TrH2\_TrispH2\_011263-RA droxytryptamine\_receptor\_2B,5\_hydroxytryptamine\_receptor\_2C,5\_hydroxytryptamine\_rec droxytryptamine\_receptor\_2B,5\_hydroxytryptamine\_receptor\_2C,5\_hydroxytryptamine\_rec Hhon | no data HoiH23 OG\_6131 HoiH23\_PIH23\_006606-RA droxytryptamine\_receptor\_2B,5\_hydroxytryptamine\_receptor\_2C,5\_hydroxytryptamine\_rec  $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ metacells HoiH23 OG\_6131 HoiH23\_PIH23\_008484-RA droxytryptamine\_receptor\_2B,5\_hydroxytryptamine\_receptor\_2C,5\_hydroxytryptamine\_rec

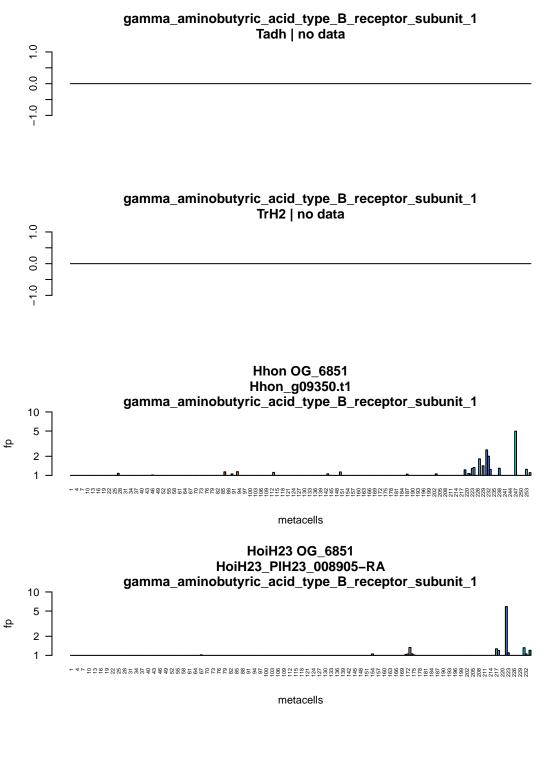
**Tadh OG\_6139** Tadh\_TriadT58781 eceptor\_mu\_1,neuromedin\_U\_receptor\_2,sphingosine\_1\_phosphate\_receptor\_1,hypocretir 2 metacells TrH2 OG\_6139 TrH2\_TrispH2\_012183-RA eceptor\_mu\_1,neuromedin\_U\_receptor\_2,sphingosine\_1\_phosphate\_receptor\_1,hypocretir metacells **Hhon OG\_6139** Hhon\_g08276.t1 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 

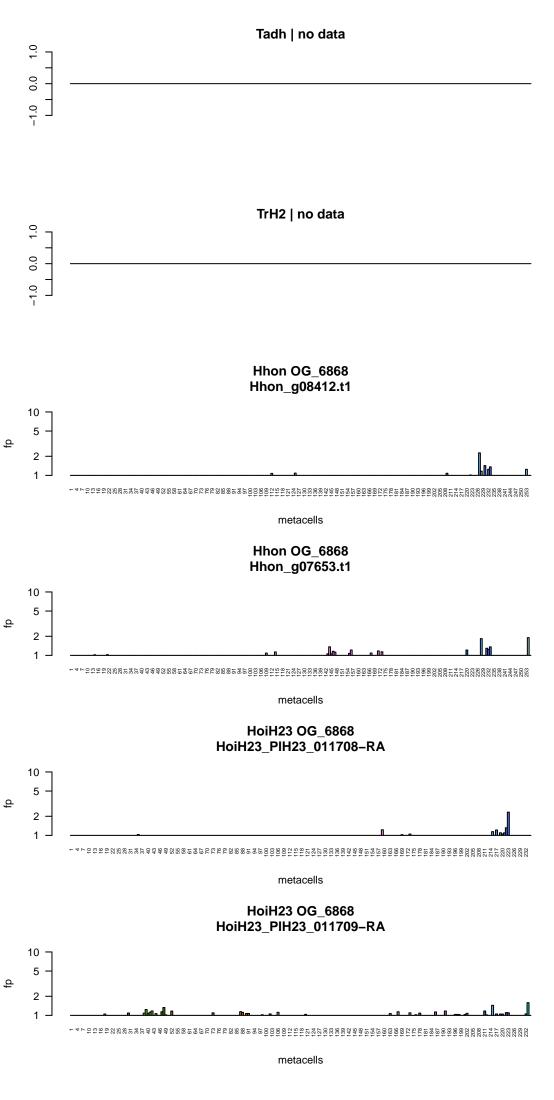


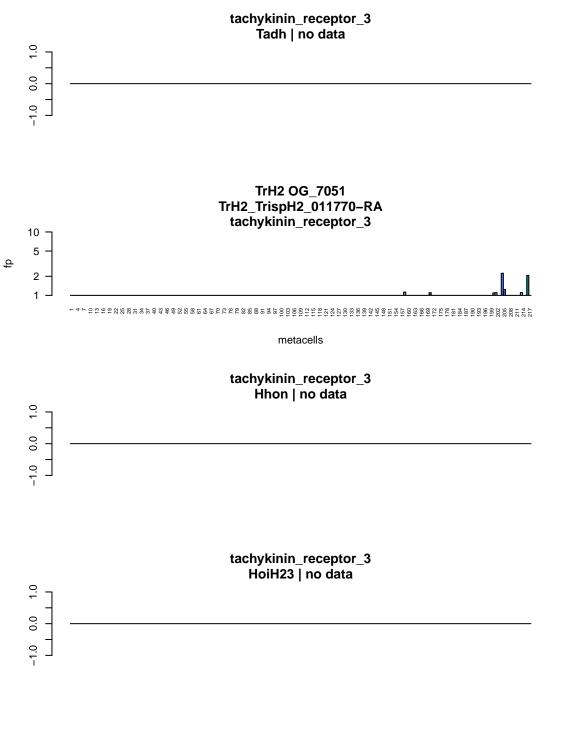
### HoiH23 OG\_6636 HoiH23\_PIH23\_010246-RA

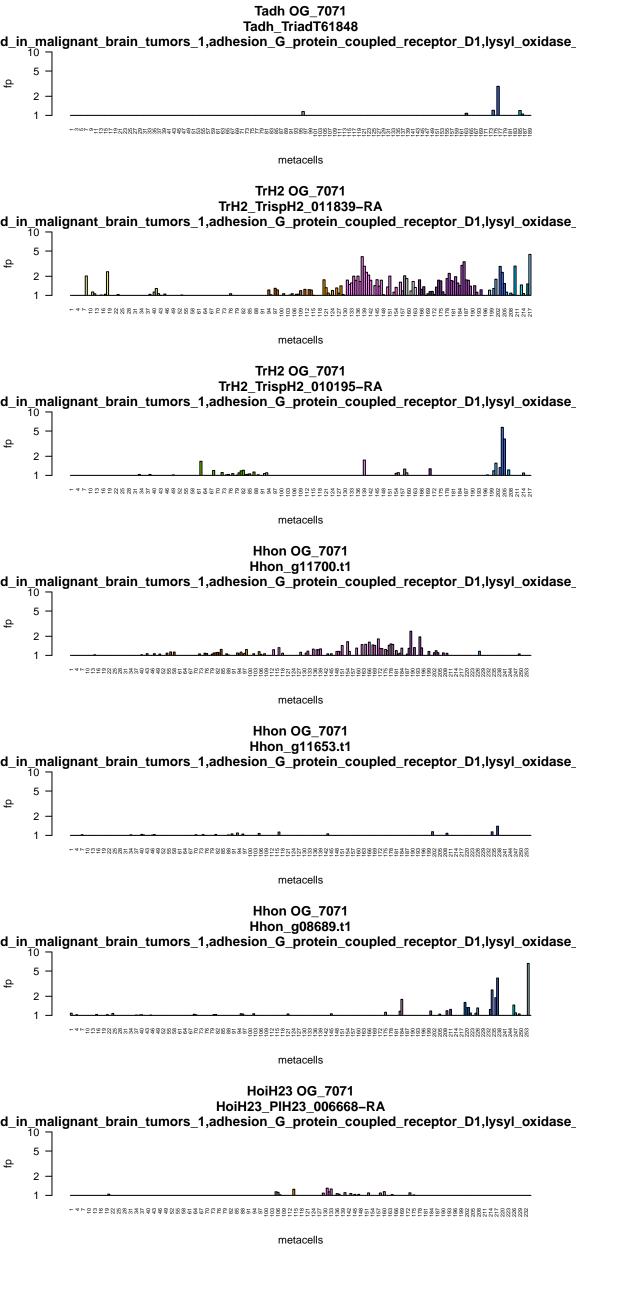
Hhon | no data

### **Tadh OG\_6670** Tadh\_TriadT30368 $trace\_amine\_associated\_receptor\_8, 5\_hydroxytryptamine\_receptor\_1E$ 10 metacells TrH2 OG\_6670 TrH2\_TrispH2\_010350-RA trace\_amine\_associated\_receptor\_8,5\_hydroxytryptamine\_receptor\_1E 10 metacells **Hhon OG\_6670** Hhon\_g08716.t1 trace\_amine\_associated\_receptor\_8,5\_hydroxytryptamine\_receptor\_1E $^{-4}{}^{+}$ metacells HoiH23 OG\_6670 HoiH23\_PIH23\_011433-RA trace\_amine\_associated\_receptor\_8,5\_hydroxytryptamine\_receptor\_1E

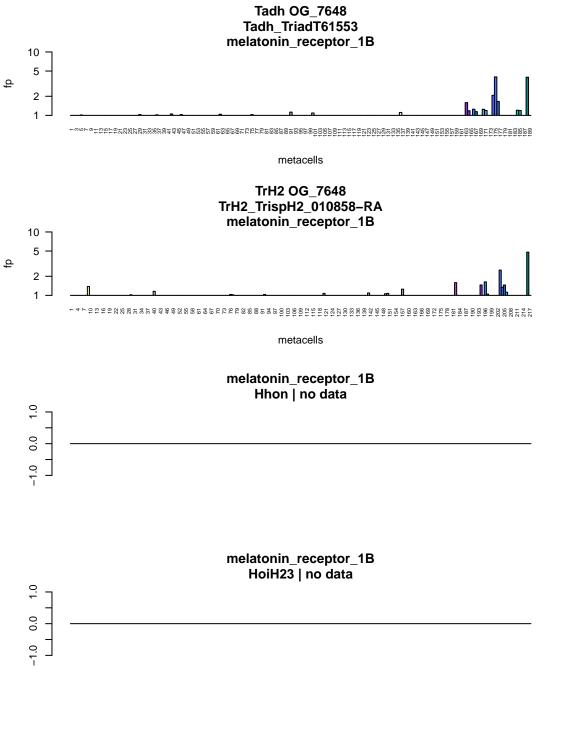








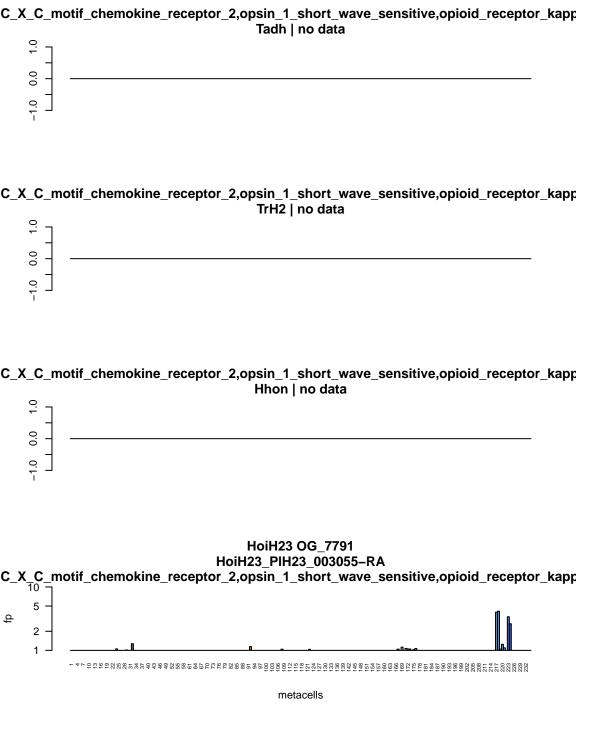
### Tadh OG\_7324 Tadh\_wf\_g6351.t1 histamine\_receptor\_H2 10 metacells TrH2 OG\_7324 TrH2\_TrispH2\_007328-RA histamine\_receptor\_H2 metacells Hhon OG\_7324 Hhon\_g01884.t1 histamine\_receptor\_H2 metacells HoiH23 OG\_7324 HoiH23\_PIH23\_001449-RA histamine\_receptor\_H2 10 metacells



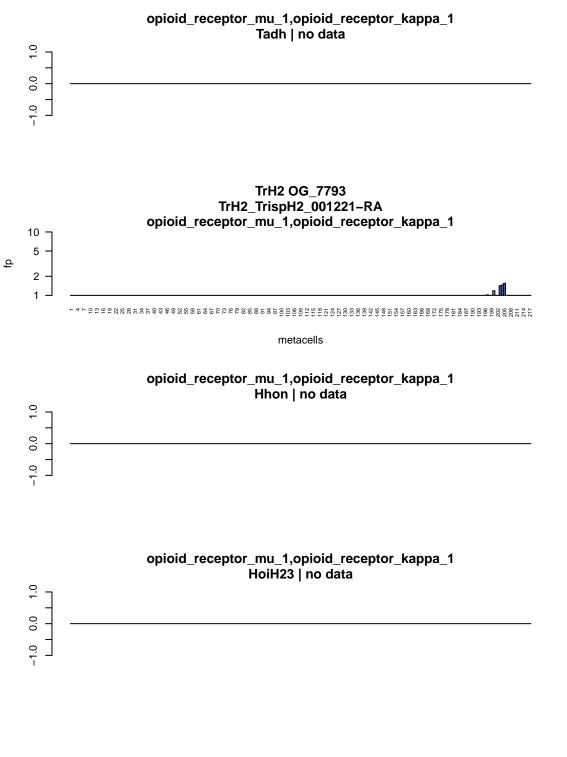
**Tadh OG\_7659** Tadh\_TriadT57535 hormone\_secretagogue\_receptor,histamine\_receptor\_H2,pyroglutamylated\_RFamide\_pepti 2 metacells TrH2 OG\_7659 TrH2\_TrispH2\_004548-RA  $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells Hhon OG\_7659 Hhon\_g06928.t1 hormone\_secretagogue\_receptor,histamine\_receptor\_H2,pyroglutamylated\_RFamide\_pepti  $^{-4}{}^{+}$ metacells HoiH23 OG\_7659 HoiH23\_PIH23\_005779-RA 

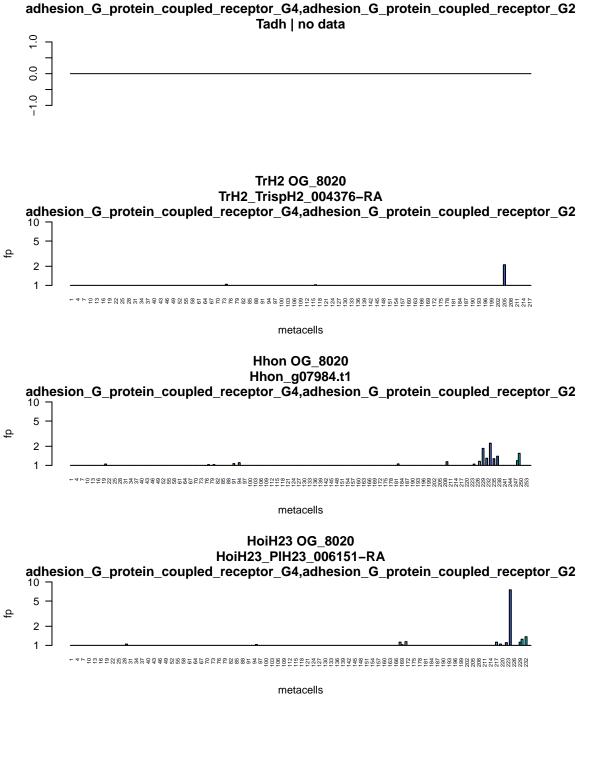
 $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ 

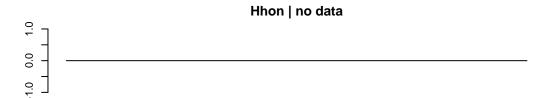
HoiH23 | no data



### 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 $pyroglutamylated\_RFamide\_peptide\_receptor, tachykinin\_receptor\_3$ metacells

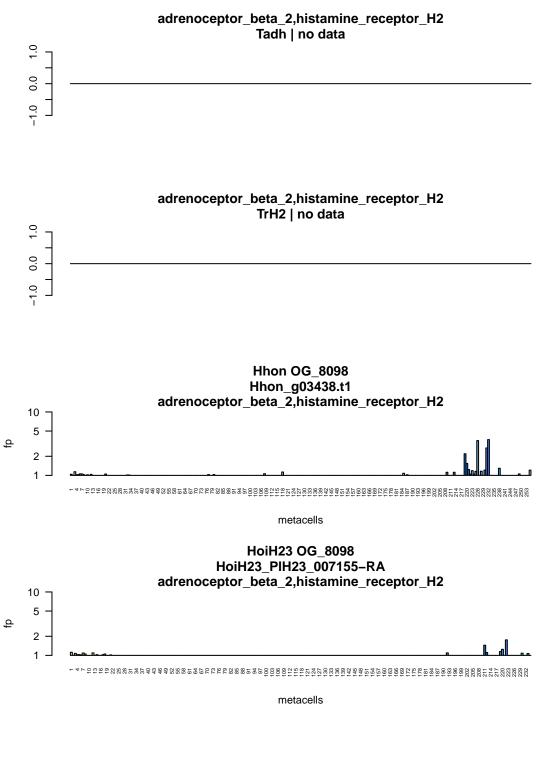


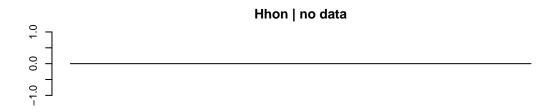


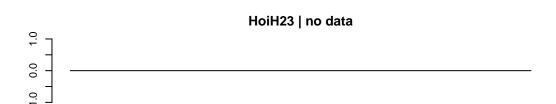


### HoiH23 OG\_8095 HoiH23\_PIH23\_007148-RA

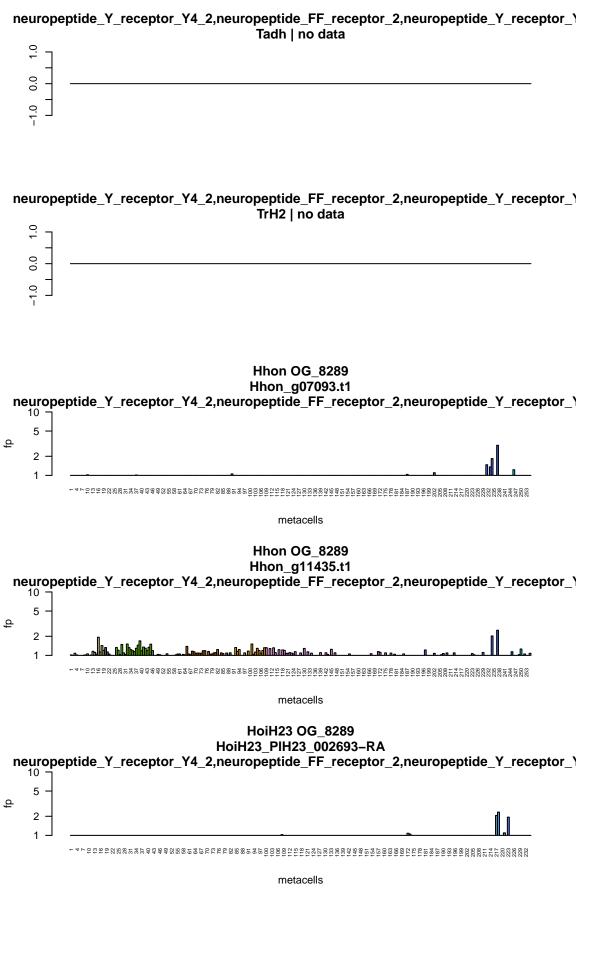






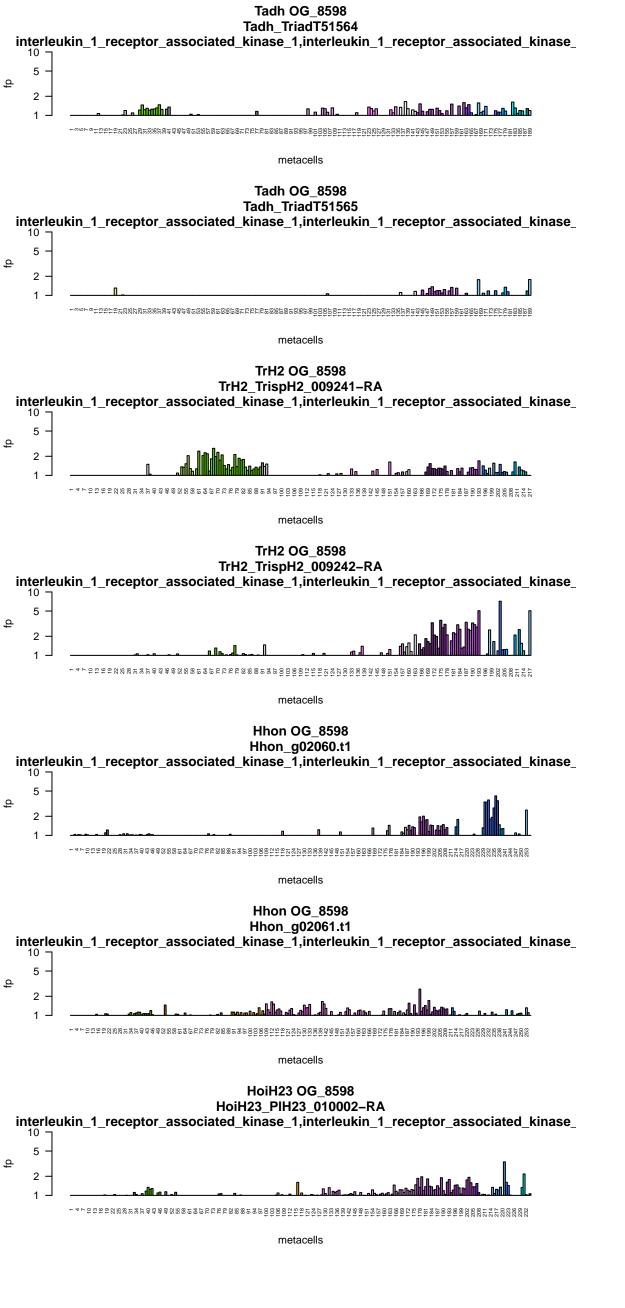


**Tadh OG\_8247** Tadh\_TriadT61850 metacells **Tadh OG\_8247** Tadh\_TriadT61852 adhesion\_G\_protein\_coupled\_receptor\_D1,adhesion\_G\_protein\_coupled\_receptor\_L2 metacells **Tadh OG\_8247** Tadh\_TriadT61851 adhesion\_G\_protein\_coupled\_receptor\_D1,adhesion\_G\_protein\_coupled\_receptor\_L2 TrH2 OG\_8247 TrH2\_TrispH2\_010196-RA adhesion\_G\_protein\_coupled\_receptor\_D1,adhesion\_G\_protein\_coupled\_receptor\_L2 metacells TrH2 OG\_8247 TrH2\_TrispH2\_010197-RA **Hhon OG\_8247** Hhon\_g08686.t1 adhesion\_G\_protein\_coupled\_receptor\_D1,adhesion\_G\_protein\_coupled\_receptor\_L2 metacells HoiH23 OG\_8247 HoiH23\_PIH23\_008128-RA adhesion\_G\_protein\_coupled\_receptor\_D1,adhesion\_G\_protein\_coupled\_receptor\_L2  $\begin{smallmatrix} & +4 \\ & +6$ 

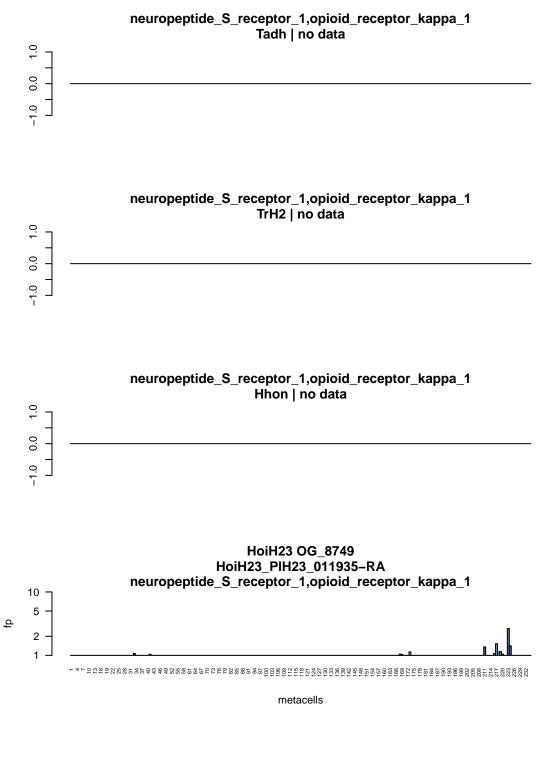


### Tadh OG\_8292 Tadh\_TriadT15389 pyroglutamylated\_RFamide\_peptide\_receptor,galanin\_receptor\_2 metacells TrH2 OG\_8292 TrH2\_TrispH2\_007502-RA $pyroglutamylated\_RFamide\_peptide\_receptor, galanin\_receptor\_2$ 10 metacells Hhon OG\_8292 Hhon\_g07096.t1 $pyroglutamylated\_RFamide\_peptide\_receptor, galanin\_receptor\_2$ $^{-4}{}^{+}$ metacells HoiH23 OG\_8292 HoiH23\_PIH23\_002696-RA $pyroglutamylated\_RFamide\_peptide\_receptor, galanin\_receptor\_2$

**Tadh OG\_8522** Tadh\_TriadT55131  $mitogen\_activated\_protein\_kinase\_kinase\_kinase\_12, protein\_kinase\_C\_theta$ metacells TrH2 OG\_8522 TrH2\_TrispH2\_011102-RA  $mitogen\_activated\_protein\_kinase\_kinase\_kinase\_12, protein\_kinase\_C\_theta$ metacells Hhon OG\_8522 Hhon\_g07210.t1  $mitogen\_activated\_protein\_kinase\_kinase\_kinase\_12, protein\_kinase\_C\_theta$  $^{-4}{}^{+}$ metacells HoiH23 OG\_8522 HoiH23\_PIH23\_004413-RA  $mitogen\_activated\_protein\_kinase\_kinase\_kinase\_12, protein\_kinase\_C\_theta$  $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ metacells



### Tadh OG\_8603 Tadh\_TriadT60580 $trace\_amine\_associated\_receptor\_1, histamine\_receptor\_H2$ metacells TrH2 OG\_8603 TrH2\_TrispH2\_009485-RA trace\_amine\_associated\_receptor\_1,histamine\_receptor\_H2 10 metacells **Hhon OG\_8603** Hhon\_g11625.t1 trace\_amine\_associated\_receptor\_1,histamine\_receptor\_H2 metacells trace\_amine\_associated\_receptor\_1,histamine\_receptor\_H2 HoiH23 | no data

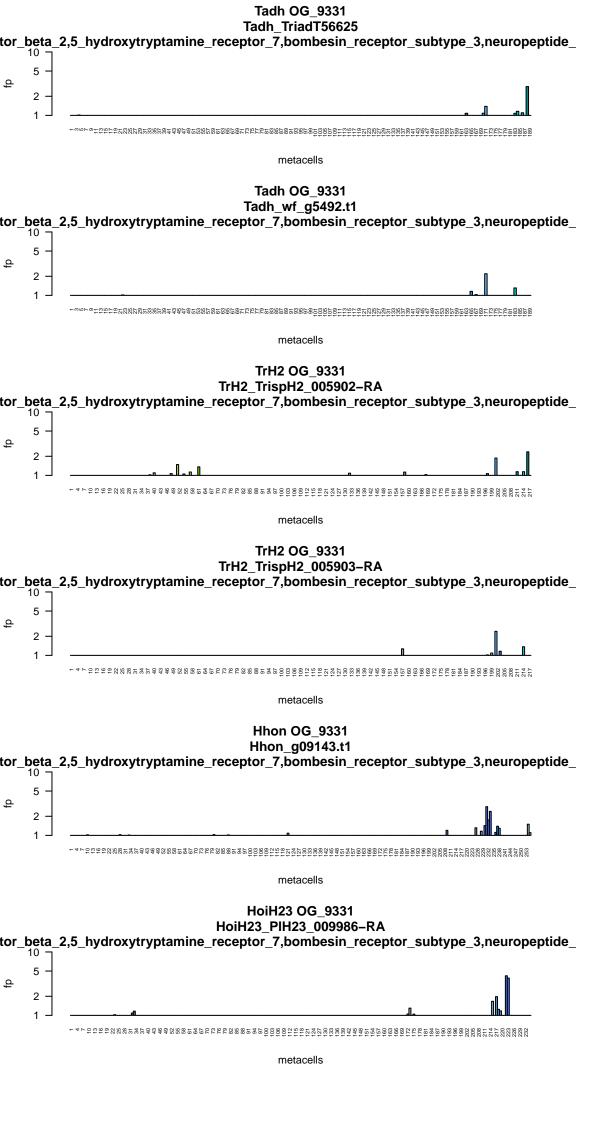


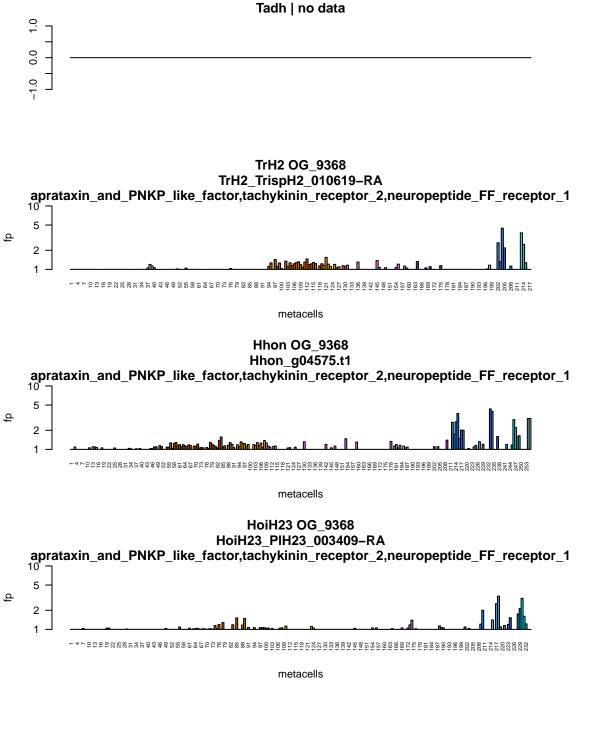
### Tadh OG\_8797 Tadh\_TriadT30374 $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ 10 metacells TrH2 OG\_8797 TrH2\_TrispH2\_010562-RA $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ 10 -metacells Hhon OG\_8797 Hhon\_g10508.t1 gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2 metacells HoiH23 OG\_8797 HoiH23\_PIH23\_006070-RA $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ 10 metacells HoiH23 OG\_8797 HoiH23\_PIH23\_005343-RA $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ metacells

 $^{-4}$ 

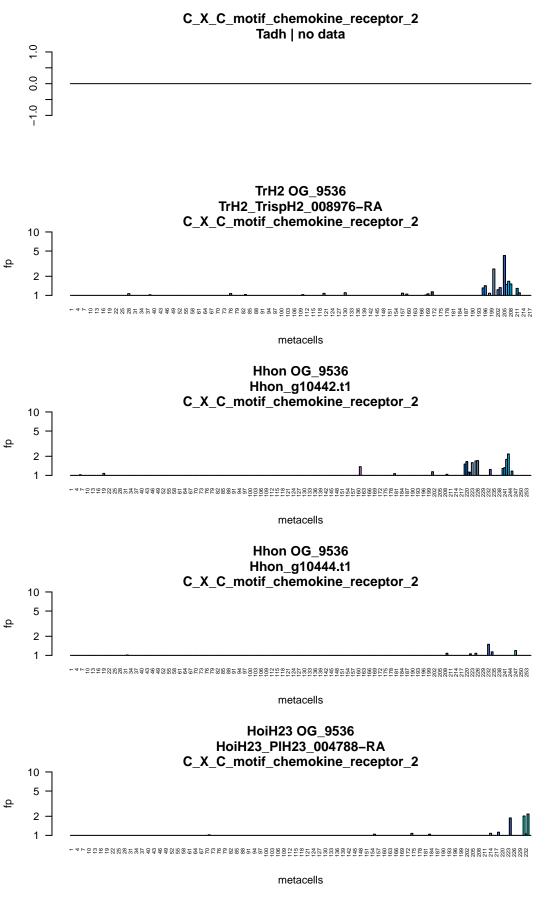
### Tadh OG\_9095 Tadh\_TriadT59248 adrenoceptor\_alpha\_1B,histamine\_receptor\_H2 10 metacells TrH2 OG\_9095 TrH2\_TrispH2\_002038-RA adrenoceptor\_alpha\_1B,histamine\_receptor\_H2 metacells Hhon OG\_9095 Hhon\_g00729.t1 adrenoceptor\_alpha\_1B,histamine\_receptor\_H2 metacells HoiH23 OG\_9095 HoiH23\_PIH23\_011817-RA adrenoceptor\_alpha\_1B,histamine\_receptor\_H2

# follicle\_stimulating\_hormone\_receptor TrH2 OG\_9178 TrH2\_TrispH2\_003401-RA follicle\_stimulating\_hormone\_receptor metacells follicle\_stimulating\_hormone\_receptor Hhon | no data



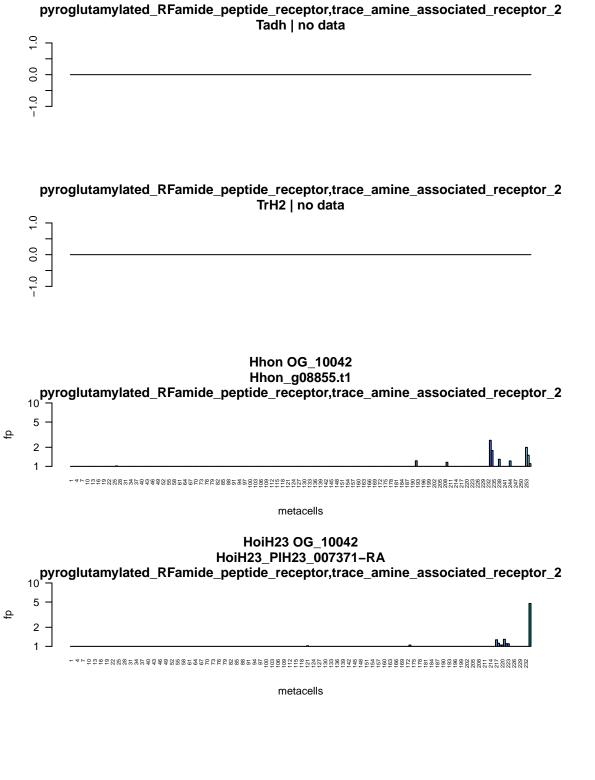


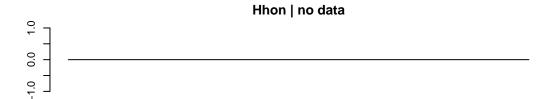
aprataxin\_and\_PNKP\_like\_factor,tachykinin\_receptor\_2,neuropeptide\_FF\_receptor\_1



Tadh\_TriadT27560 ctor\_beta\_receptor\_1,bone\_morphogenetic\_protein\_receptor\_type\_1B,bone\_morphogeneti 2 metacells TrH2 OG\_9834 TrH2\_TrispH2\_002876-RA ctor\_beta\_receptor\_1,bone\_morphogenetic\_protein\_receptor\_type\_1B,bone\_morphogeneti metacells Hhon OG\_9834 Hhon\_g05024.t1 ctor\_beta\_receptor\_1,bone\_morphogenetic\_protein\_receptor\_type\_1B,bone\_morphogeneti ф  $^{-4} + ^{-} +$ metacells HoiH23 OG\_9834 HoiH23\_PIH23\_006740-RA ctor\_beta\_receptor\_1,bone\_morphogenetic\_protein\_receptor\_type\_1B,bone\_morphogeneti  $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ metacells

Tadh OG\_9834





metacells

### HoiH23 OG\_10104 HoiH23\_PIH23\_006092-RA



## Tadh of 10561 Tadh wf g6517.t1 pyroglutamylated\_RFamide\_peptide\_receptor metacells TrH2 Of 10561 TrH2 TrispH2 004626-RA pyroglutamylated\_RFamide\_peptide\_receptor metacells Hhon Of 10561 Hhon g08733.t1 pyroglutamylated\_RFamide\_peptide\_receptor pyroglutamylated\_RFamide\_peptide\_receptor metacells metacells pyroglutamylated\_RFamide\_peptide\_receptor metacells pyroglutamylated\_RFamide\_peptide\_receptor metacells pyroglutamylated\_RFamide\_peptide\_receptor metacells pyroglutamylated\_RFamide\_peptide\_receptor HoiH23 | no data

# Tadh\_OG\_10631 Tadh\_TriadT60876 somatostatin\_receptor\_1 metacells TH2 OG\_10631 TH2\_TrispH2\_011426-RA somatostatin\_receptor\_1 metacells somatostatin\_receptor\_1 Hhon | no data