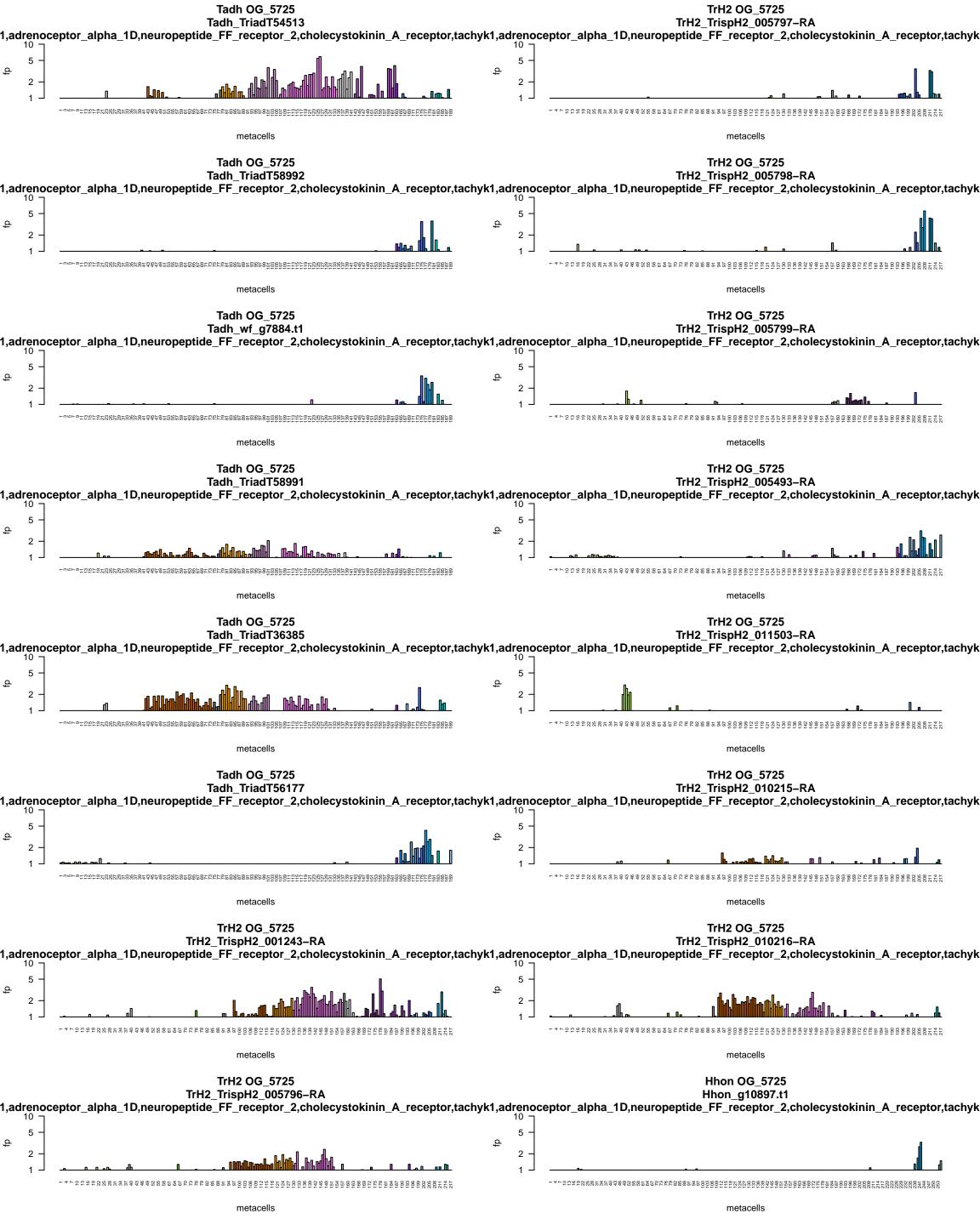
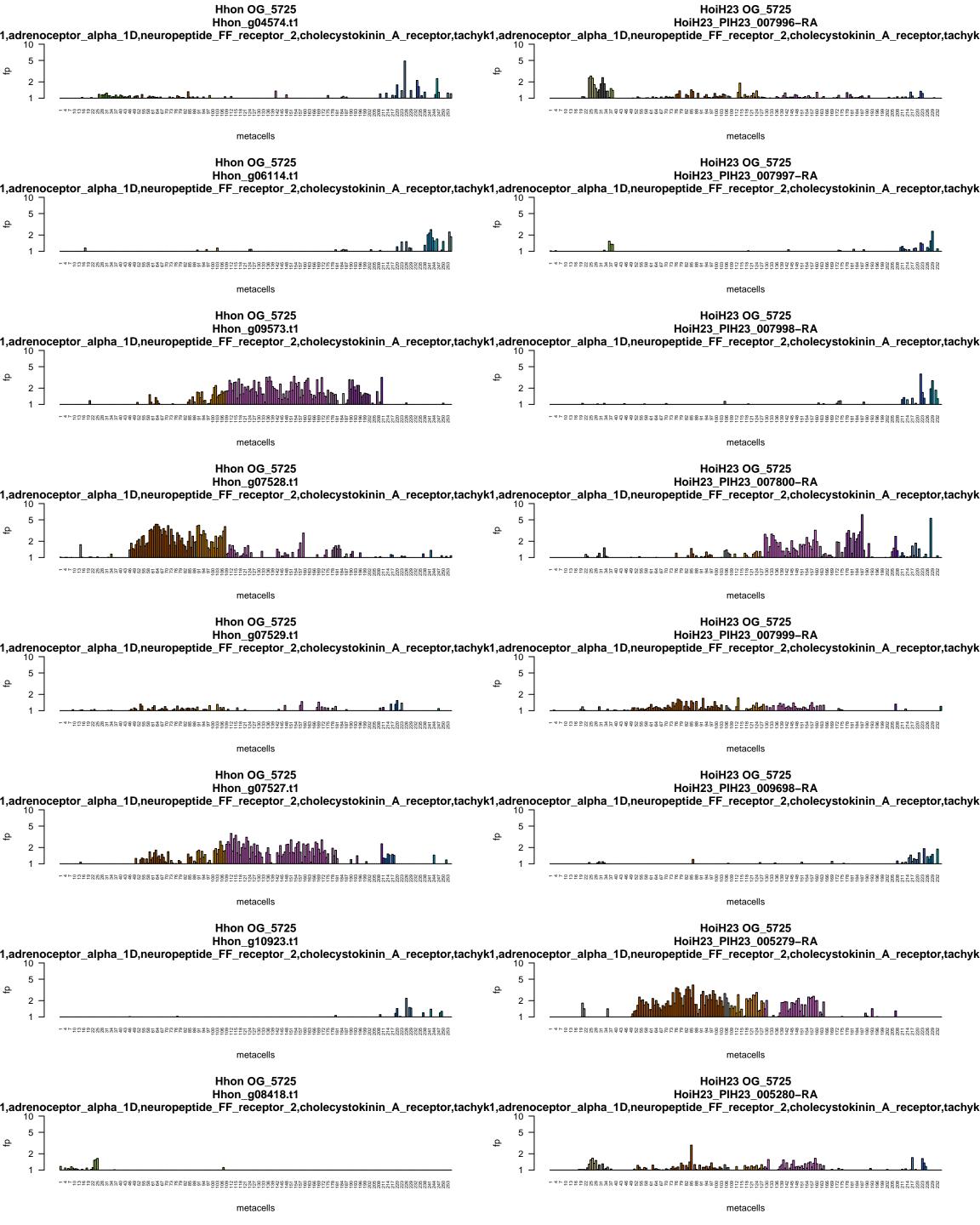
# 

### **Tadh OG\_8372** Tadh\_TriadT28106 $fyn\_related\_Src\_family\_tyrosine\_kinase$ 10 metacells TrH2 OG\_8372 TrH2\_TrispH2\_000466-RA fyn\_related\_Src\_family\_tyrosine\_kinase metacells Hhon OG\_8372 Hhon\_g00222.t1 fyn\_related\_Src\_family\_tyrosine\_kinase metacells HoiH23 OG\_8372 HoiH23\_PIH23\_003193-RA fyn\_related\_Src\_family\_tyrosine\_kinase 10 metacells

# Tadh OG\_8488 Tadh\_TriadT4322 adrenoceptor\_alpha\_1A,adrenoceptor\_beta\_3 metacells TrH2 OG\_8488 TrH2\_TrispH2\_007557-RA adrenoceptor\_alpha\_1A,adrenoceptor\_beta\_3 metacells $ad renoceptor\_alpha\_1A, ad renoceptor\_beta\_3$ Hhon | no data HoiH23 OG\_8488 HoiH23\_PIH23\_004017-RA $adrenoceptor\_alpha\_1A, adrenoceptor\_beta\_3$ metacells

### Tadh OG\_4747 Tadh\_TriadT59520 $tachykinin\_receptor\_3, somatostatin\_receptor\_1$ 10 metacells TrH2 OG\_4747 TrH2\_TrispH2\_009407-RA tachykinin\_receptor\_3,somatostatin\_receptor\_1 10 metacells Hhon OG\_4747 Hhon\_g11699.t1 tachykinin\_receptor\_3,somatostatin\_receptor\_1 metacells HoiH23 OG\_4747 HoiH23\_PIH23\_006273-RA $tachykinin\_receptor\_3, somatostatin\_receptor\_1$ 10 metacells





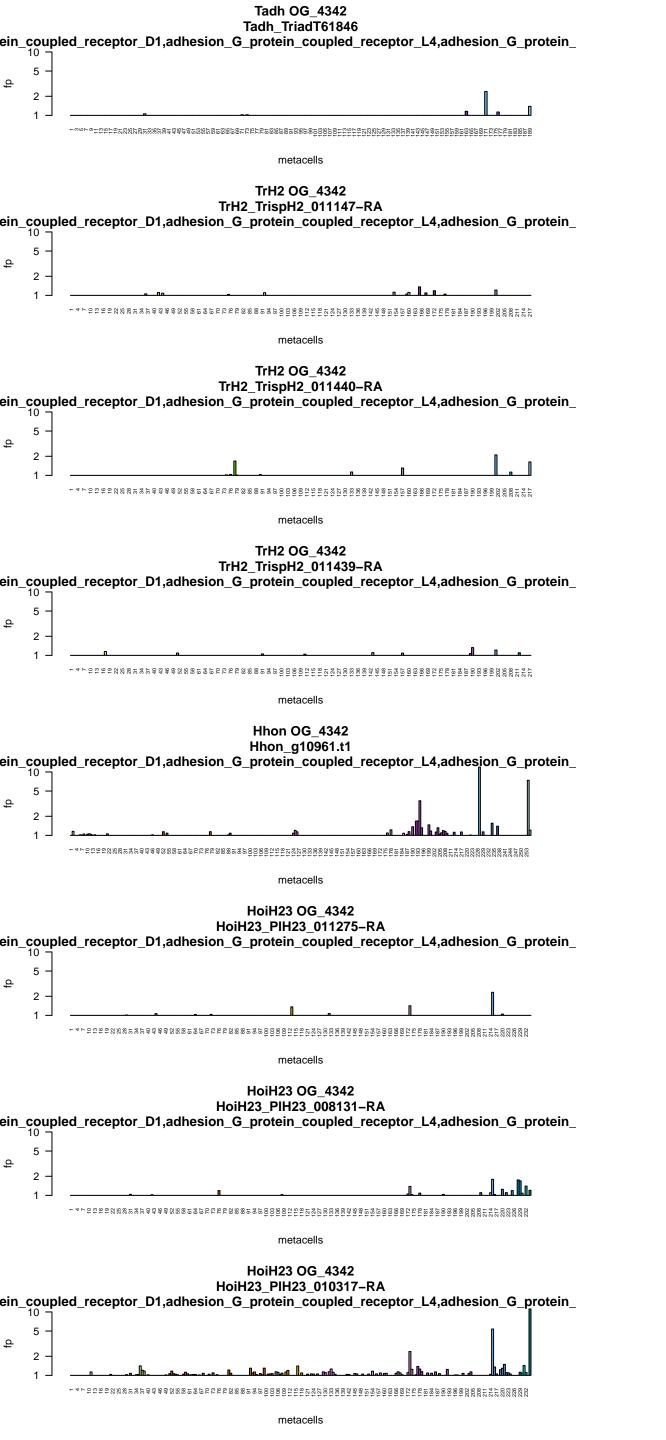
### **Tadh OG\_6273** Tadh\_TriadT57727 $melanin\_concentrating\_hormone\_receptor\_1, histamine\_receptor\_H2$ 10 metacells TrH2 OG\_6273 TrH2\_TrispH2\_008454-RA $melanin\_concentrating\_hormone\_receptor\_1, histamine\_receptor\_H2$ 10 metacells Hhon OG\_6273 Hhon\_g01746.t1 melanin\_concentrating\_hormone\_receptor\_1,histamine\_receptor\_H2 metacells HoiH23 OG\_6273 HoiH23\_PIH23\_009730-RA $melanin\_concentrating\_hormone\_receptor\_1, histamine\_receptor\_H2$

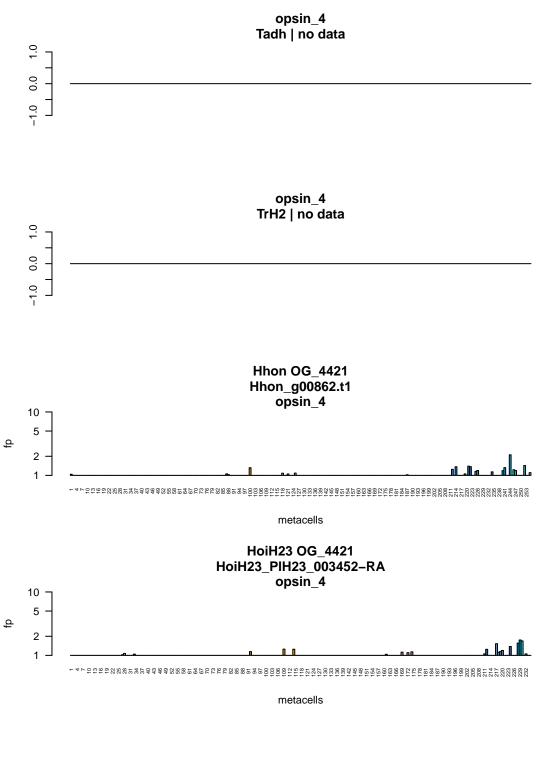
### Tadh OG\_8004 Tadh\_TriadT32924 $opsin\_4, neuropeptide\_FF\_receptor\_2, adrenoceptor\_alpha\_1D$ 10 metacells TrH2 OG\_8004 TrH2\_TrispH2\_008896-RA $opsin\_4, neuropeptide\_FF\_receptor\_2, adrenoceptor\_alpha\_1D$ 10 metacells Hhon OG\_8004 Hhon\_g10461.t1 opsin\_4,neuropeptide\_FF\_receptor\_2,adrenoceptor\_alpha\_1D metacells HoiH23 OG\_8004 HoiH23\_PIH23\_008051-RA opsin\_4,neuropeptide\_FF\_receptor\_2,adrenoceptor\_alpha\_1D

Tadh OG\_9739 Tadh\_TriadT53973 \_associated\_receptor\_6,trace\_amine\_associated\_receptor\_5,pyroglutamylated\_RFamide\_r 2 metacells TrH2 OG\_9739 TrH2\_TrispH2\_009610-RA בassociated\_receptor\_6,trace\_amine\_associated\_receptor\_5,pyroglutamylated\_RFamide\_μ metacells Hhon OG\_9739 Hhon\_g00315.t1 \_associated\_receptor\_6,trace\_amine\_associated\_receptor\_5,pyroglutamylated\_RFamide\_r ф  $^{-4}{}^{+}$ metacells

### 

# Tadh\_wf\_g9049.t1 neuropeptide\_FF\_receptor\_2,neuropeptide\_FF\_receptor\_1 TrH2\_OG\_4215 TrH2\_TrispH2\_011277-RA neuropeptide\_FF\_receptor\_2,neuropeptide\_FF\_receptor\_1 metacells metacells neuropeptide\_FF\_receptor\_2,neuropeptide\_FF\_receptor\_1 HoiH23\_OG\_4215 HoiH23\_OI0369-RA neuropeptide\_FF\_receptor\_2,neuropeptide\_FF\_receptor\_1 HoiH23\_OI0369-RA neuropeptide\_FF\_receptor\_2,neuropeptide\_FF\_receptor\_1





### 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

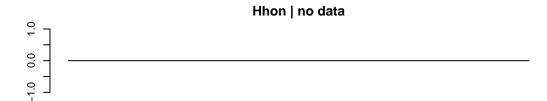
### **Tadh OG\_5031** Tadh\_TriadT30267 $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ 10 metacells TrH2 OG\_5031 TrH2\_TrispH2\_010015-RA $gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2$ 10 -metacells Hhon OG\_5031 Hhon\_g10739.t1 gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2 $^{-4}{}^{+}$ 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\_5061** Tadh\_TriadT57937 nuclear\_receptor\_binding\_protein\_1 10 metacells TrH2 OG\_5061 TrH2\_TrispH2\_001478-RA nuclear\_receptor\_binding\_protein\_1 metacells **Hhon OG\_5061** Hhon\_g00273.t1 nuclear\_receptor\_binding\_protein\_1 metacells HoiH23 OG\_5061 HoiH23\_PIH23\_001102-RA nuclear\_receptor\_binding\_protein\_1 10

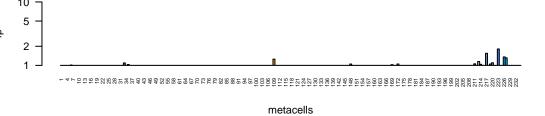
Tadh OG\_5249 Tadh\_TriadT57859 otubule\_associated\_serine\_threonine\_kinase\_2,microtubule\_associated\_serine\_threonine\_ 2 metacells TrH2 OG\_5249 TrH2\_TrispH2\_001404-RA otubule\_associated\_serine\_threonine\_kinase\_2,microtubule\_associated\_serine\_threonine\_  $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells **Hhon OG\_5249** Hhon\_g03505.t1 otubule\_associated\_serine\_threonine\_kinase\_2,microtubule\_associated\_serine\_threonine\_ ф  $^{-4}{}^{+}$ metacells HoiH23 OG\_5249

### **Tadh OG\_5702** Tadh\_TriadT19575 cyclin\_dependent\_kinase\_like\_1 10 metacells TrH2 OG\_5702 TrH2\_TrispH2\_003126-RA cyclin\_dependent\_kinase\_like\_1 metacells **Hhon OG\_5702** Hhon\_g03738.t1 cyclin\_dependent\_kinase\_like\_1 metacells HoiH23 OG\_5702 HoiH23\_PIH23\_009088-RA cyclin\_dependent\_kinase\_like\_1 10

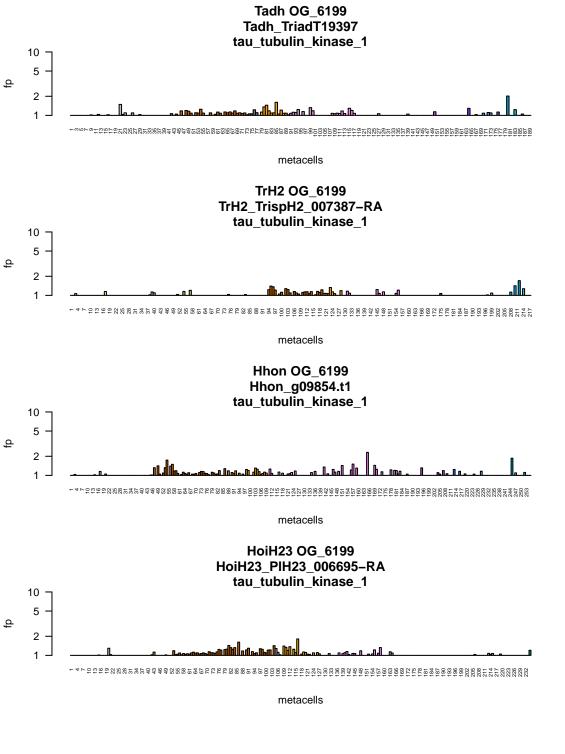
# tachykinin\_receptor\_1,adrenoceptor\_alpha\_1B Tadh | no data TrH2 OG\_5841 TrH2\_TrispH2\_002792-RA tachykinin\_receptor\_1,adrenoceptor\_alpha\_1B metacells Hhon OG\_5841 Hhon\_g00396.t1 tachykinin\_receptor\_1,adrenoceptor\_alpha\_1B metacells HoiH23 OG\_5841 HoiH23\_PIH23\_001771-RA tachykinin\_receptor\_1,adrenoceptor\_alpha\_1B metacells



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



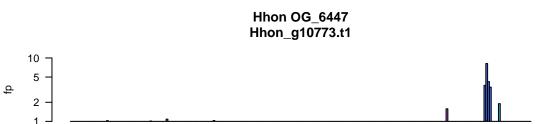
# **Tadh OG\_6147** Tadh\_TriadT62168 relaxin\_family\_peptide\_receptor\_1 10 metacells TrH2 OG\_6147 TrH2\_TrispH2\_010748-RA relaxin\_family\_peptide\_receptor\_1 metacells TrH2 OG\_6147 TrH2\_TrispH2\_009782-RA relaxin\_family\_peptide\_receptor\_1 metacells relaxin\_family\_peptide\_receptor\_1 Hhon | no data relaxin\_family\_peptide\_receptor\_1 HoiH23 | no data



**Tadh OG\_6309** Tadh\_wf\_g11837.t1 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_10 ¬ **Tadh OG\_6309** Tadh\_TriadT54957 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_10 ¬ **Tadh OG\_6309** Tadh\_TriadT54956 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_ aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor TrH2 | no data **Hhon OG\_6309** Hhon\_g11451.t1 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_10 ¬ HoiH23 OG\_6309 HoiH23\_PIH23\_010196-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2.  $^{-4} + ^{0} +$ metacells HoiH23 OG\_6309 HoiH23\_PIH23\_001278-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor  $\begin{smallmatrix} & +4 \\ & +6$ metacells

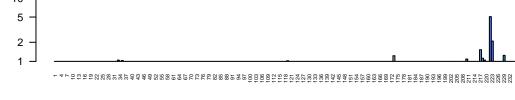
**Tadh OG\_6365** Tadh\_TriadT55942 adhesion\_G\_protein\_coupled\_receptor\_L3,adhesion\_G\_protein\_coupled\_receptor\_L1  $\ ^{10}$   $\ ^{-}$ 2 metacells **Tadh OG\_6365** Tadh\_TriadT55943 adhesion\_G\_protein\_coupled\_receptor\_L3,adhesion\_G\_protein\_coupled\_receptor\_L1 metacells TrH2 OG\_6365 TrH2\_TrispH2\_007882-RA adhesion\_G\_protein\_coupled\_receptor\_L3,adhesion\_G\_protein\_coupled\_receptor\_L1 metacells Hhon OG\_6365 Hhon\_g03236.t1 adhesion\_G\_protein\_coupled\_receptor\_L3,adhesion\_G\_protein\_coupled\_receptor\_L1  $^{-4} + ^{0} +$ metacells **Hhon OG\_6365** Hhon\_g03238.t1 adhesion\_G\_protein\_coupled\_receptor\_L3,adhesion\_G\_protein\_coupled\_receptor\_L1 adhesion\_G\_protein\_coupled\_receptor\_L3,adhesion\_G\_protein\_coupled\_receptor\_L1 HoiH23 | no data

# 



metacells

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



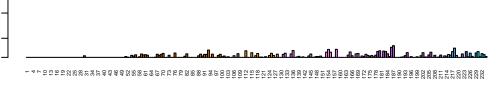
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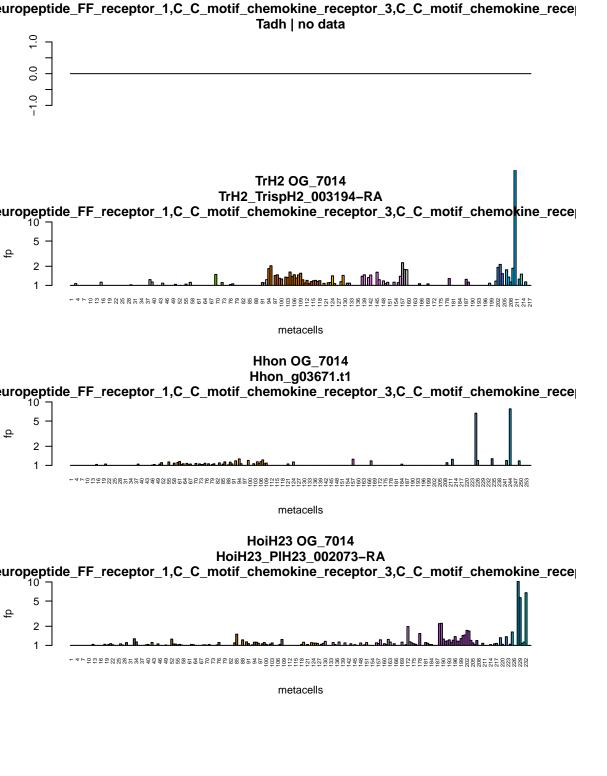
metacells

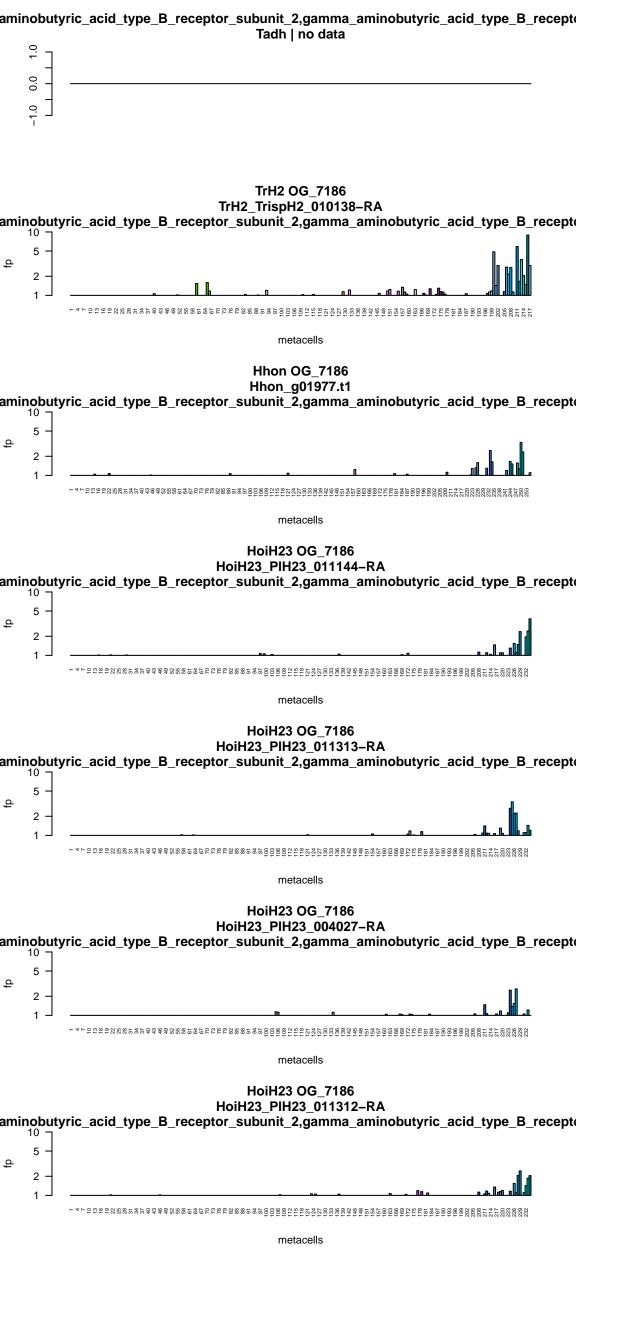
 $\begin{smallmatrix} 1&4&5&5&5&5&5&5\\ 2&5&5&5&5&5&5\\$ 

Hhon OG\_6904 Hhon\_g07813.t1

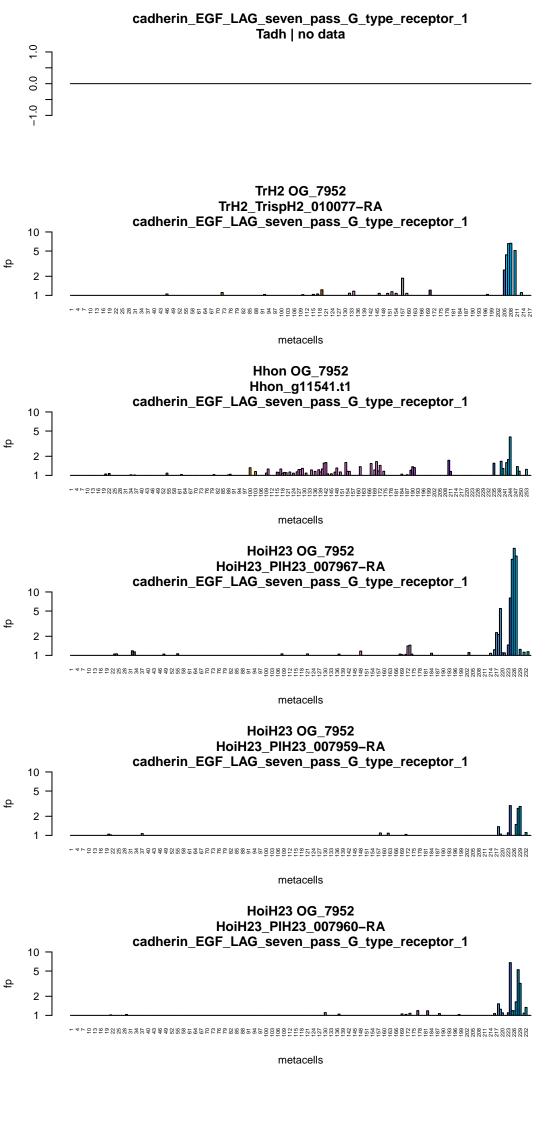
> HoiH23 OG\_6904 HoiH23\_PIH23\_000623-RA



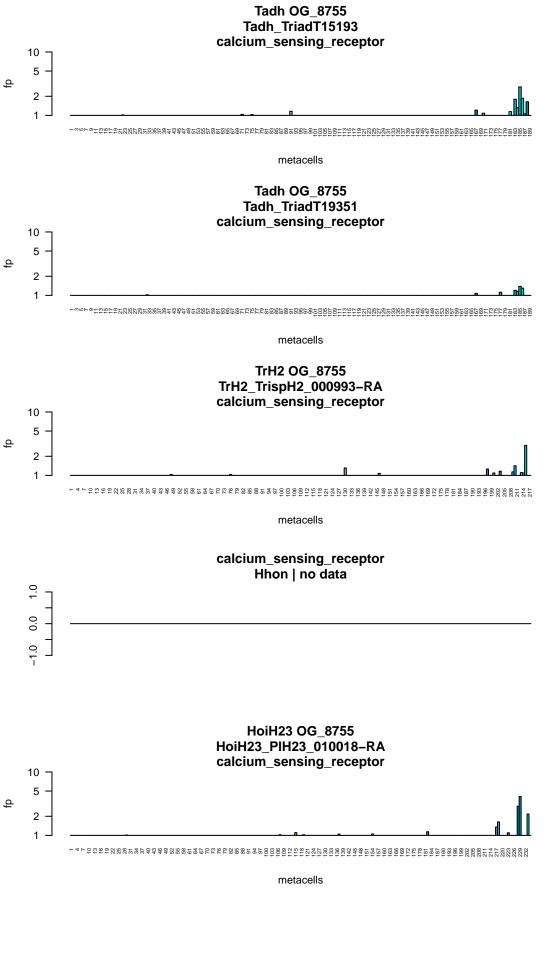


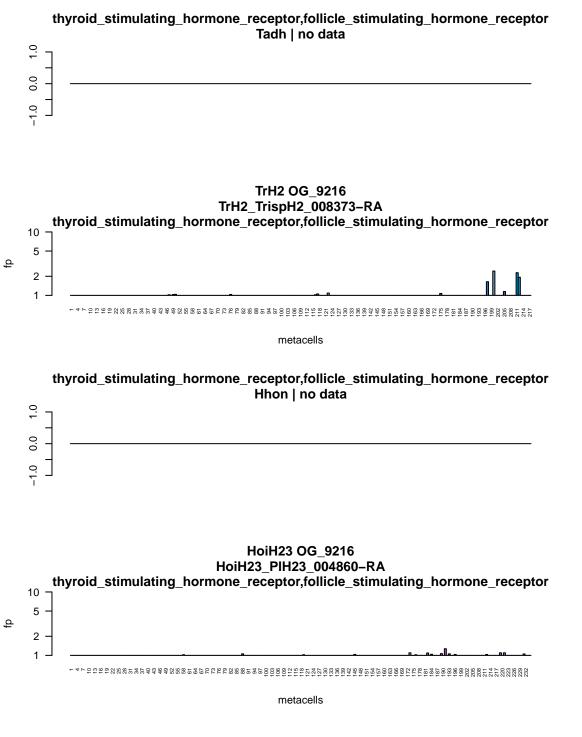


## Tadh OG\_7651 Tadh\_wf\_g4960.t1 melatonin\_receptor\_1A 10 metacells TrH2 OG\_7651 TrH2\_TrispH2\_011898-RA melatonin\_receptor\_1A metacells Hhon OG\_7651 Hhon\_g10437.t1 melatonin\_receptor\_1A metacells HoiH23 OG\_7651 HoiH23\_PIH23\_011908-RA melatonin\_receptor\_1A metacells

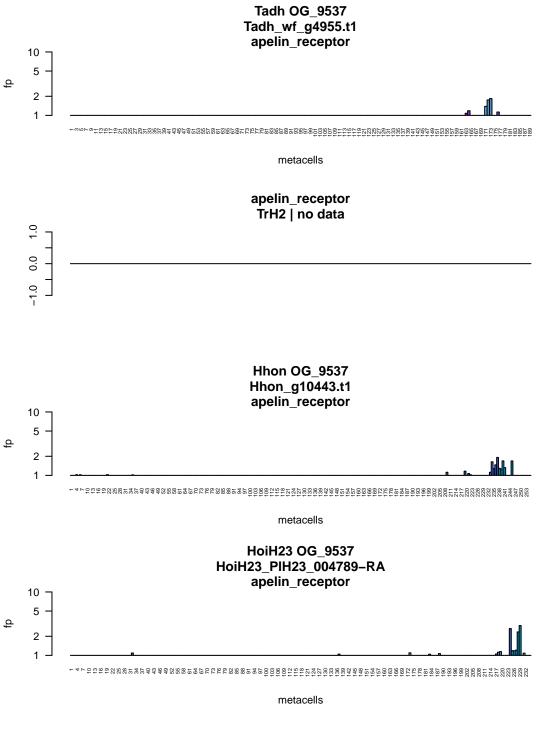


### Tadh OG\_8016 Tadh\_TriadT23373 salt\_inducible\_kinase\_1B\_putative 10 metacells TrH2 OG\_8016 TrH2\_TrispH2\_004365-RA salt\_inducible\_kinase\_1B\_putative metacells Hhon OG\_8016 Hhon\_g07994.t1 salt\_inducible\_kinase\_1B\_putative metacells HoiH23 OG\_8016 HoiH23\_PIH23\_006141-RA salt\_inducible\_kinase\_1B\_putative 10

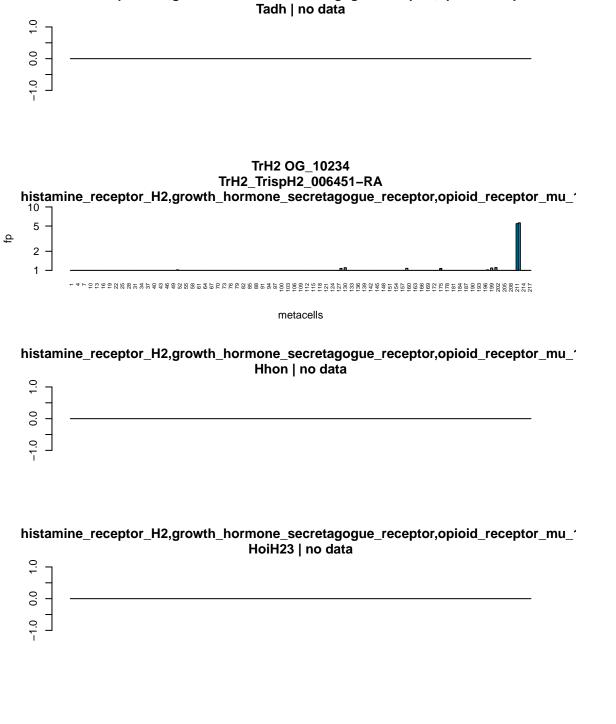




### **Tadh OG\_9223** Tadh\_TriadT51796 relaxin\_family\_peptide\_receptor\_1,slit\_guidance\_ligand\_1,relaxin\_family\_peptide\_recepto 2 metacells **Tadh OG\_9223** Tadh\_TriadT51797 $\begin{array}{c} \textbf{relaxin\_family\_peptide\_receptor\_1,slit\_guidance\_ligand\_1,relaxin\_family\_peptide\_recepto} \\ 10 \ \ \neg \end{array}$ metacells TrH2 OG\_9223 TrH2\_TrispH2\_008387-RA relaxin\_family\_peptide\_receptor\_1,slit\_guidance\_ligand\_1,relaxin\_family\_peptide\_recepto ф metacells Hhon OG\_9223 Hhon\_g11380.t1 relaxin\_family\_peptide\_receptor\_1,slit\_guidance\_ligand\_1,relaxin\_family\_peptide\_recepto metacells Hhon OG\_9223 Hhon\_g01959.t1 relaxin\_family\_peptide\_receptor\_1,slit\_guidance\_ligand\_1,relaxin\_family\_peptide\_recepto 2 HoiH23 OG\_9223 HoiH23\_PIH23\_004873-RA relaxin\_family\_peptide\_receptor\_1,slit\_guidance\_ligand\_1,relaxin\_family\_peptide\_recepto $\begin{smallmatrix} & +4 \\ & +6$ metacells



**Tadh OG\_9560** Tadh\_TriadT54955 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor 2 metacells TrH2 OG\_9560 TrH2\_TrispH2\_008779-RA aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2. Hhon OG\_9560 Hhon\_g11851.t1 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_subunit\_2. metacells Hhon OG\_9560 Hhon\_g11450.t1 aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor metacells HoiH23 OG\_9560 HoiH23\_PIH23\_001275-RA הארים בארוב בארוב בארוב אורים בארוב א aminobutyric\_acid\_type\_B\_receptor\_subunit\_2,gamma\_aminobutyric\_acid\_type\_B\_receptor\_10 ק 2  $^{-4} + ^{0} +$ HoiH23 OG\_9560 HoiH23\_PIH23\_001277-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\_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\_aminobutyric\_acid\_type\_b\_receptor\_subunit\_3,gamma\_acid\_typ metacells



histamine\_receptor\_H2,growth\_hormone\_secretagogue\_receptor,opioid\_receptor\_mu\_′