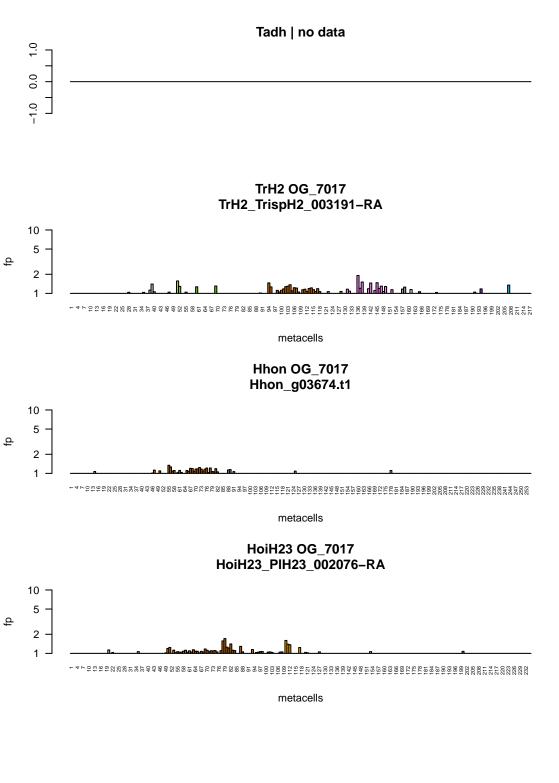
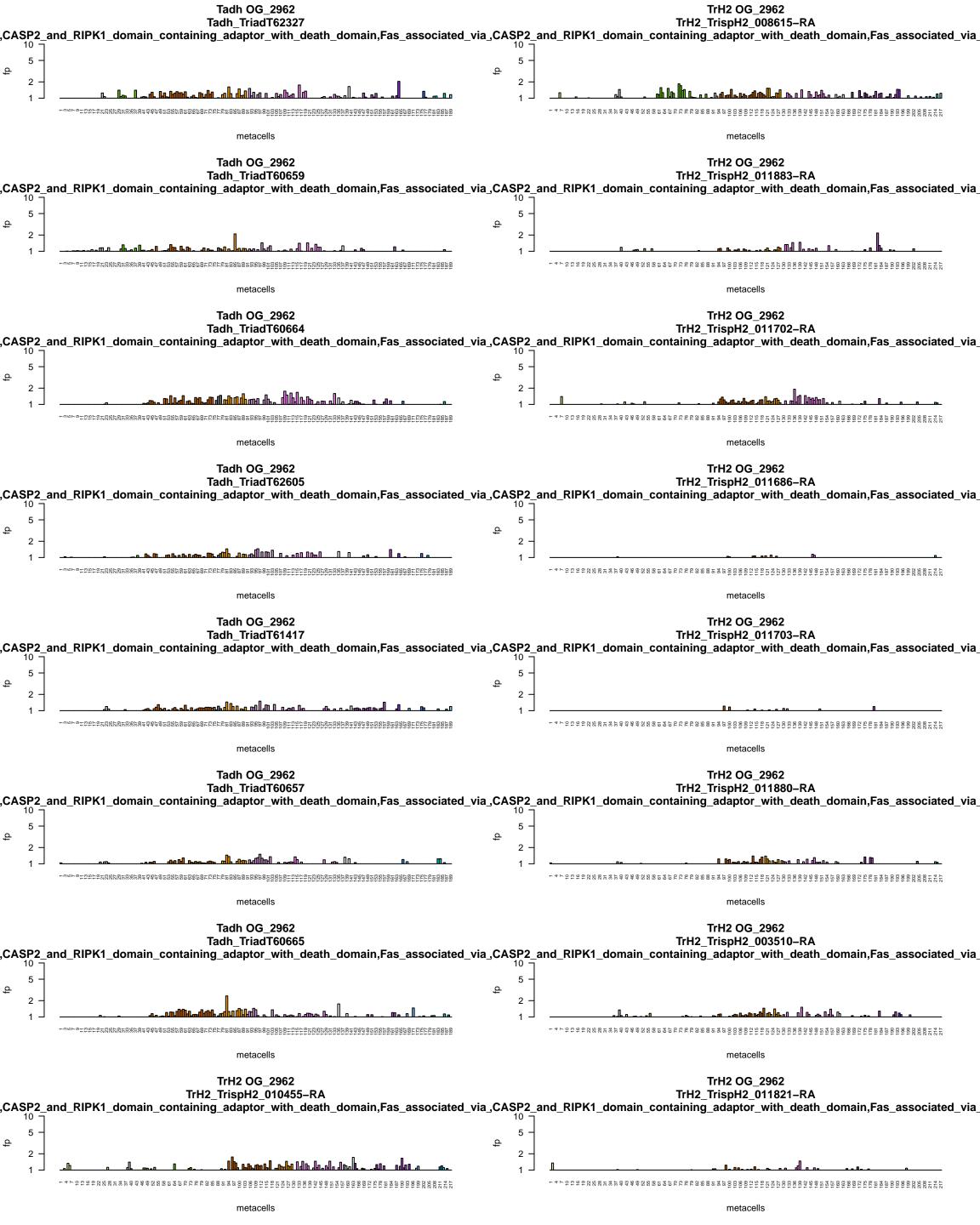


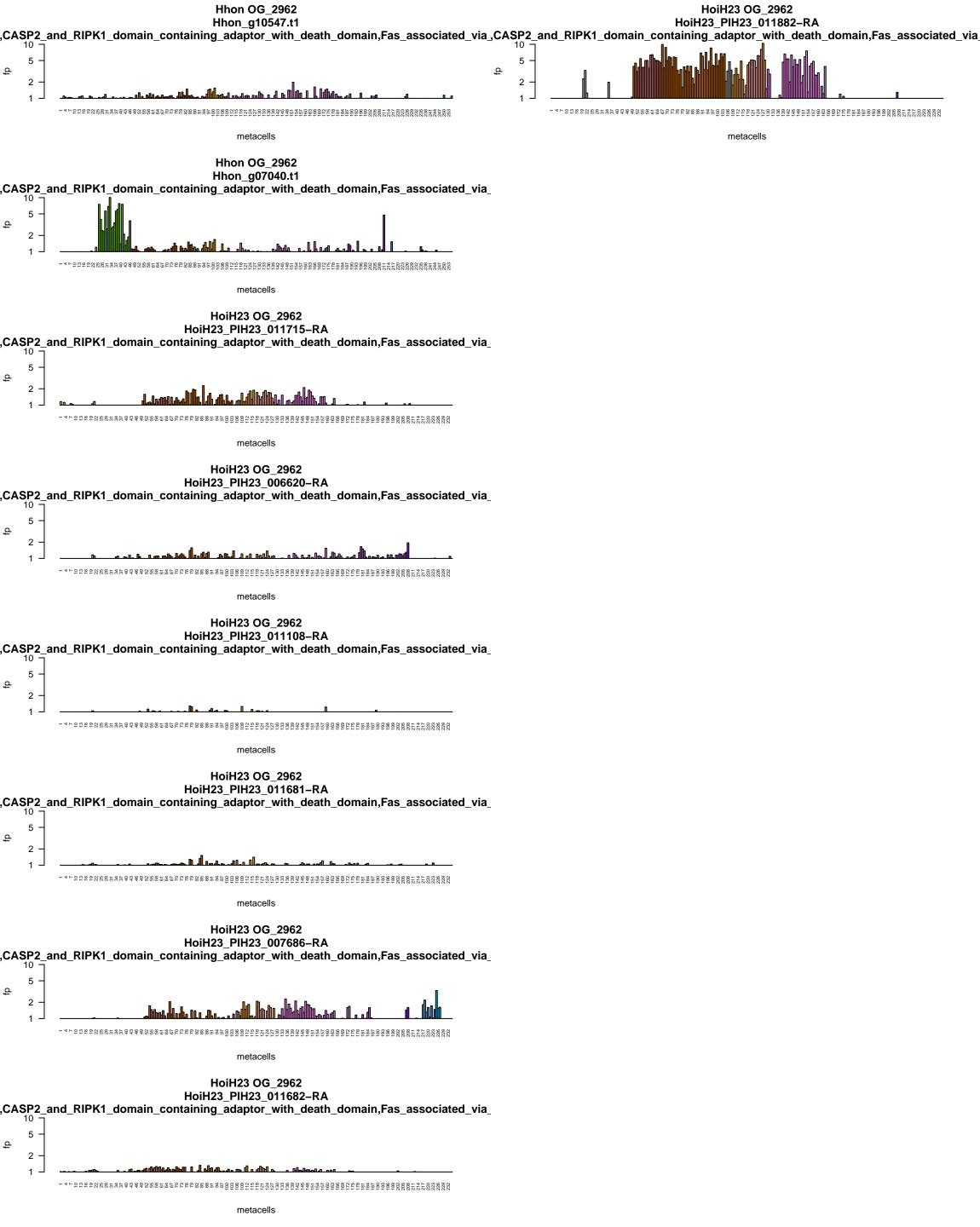
## Tadh OG\_4389 Tadh\_TriadT27989 C8orf44\_SGK3\_readthrough 10 metacells TrH2 OG\_4389 TrH2\_TrispH2\_004479-RA C8orf44\_SGK3\_readthrough metacells Hhon OG\_4389 Hhon\_g07449.t1 C8orf44\_SGK3\_readthrough metacells HoiH23 OG\_4389 HoiH23\_PIH23\_005586-RA C8orf44\_SGK3\_readthrough 10 metacells

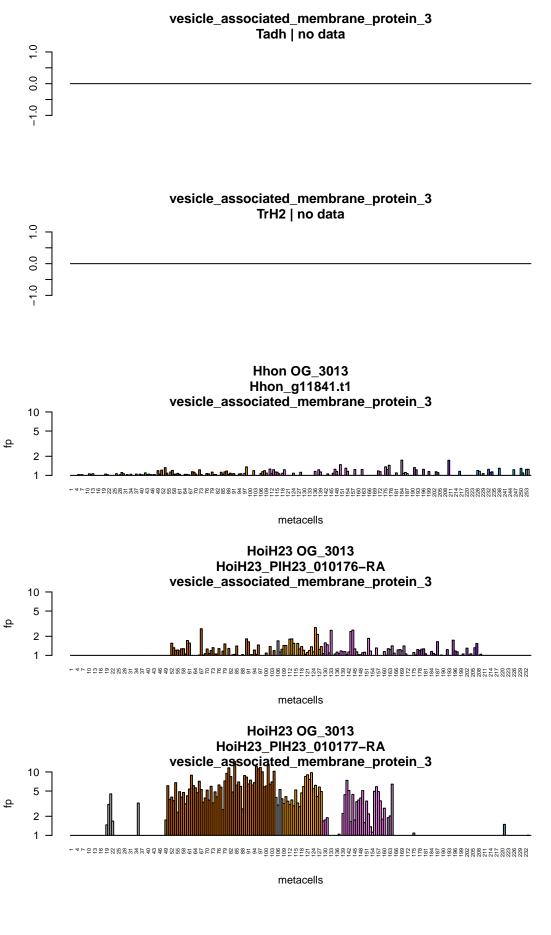


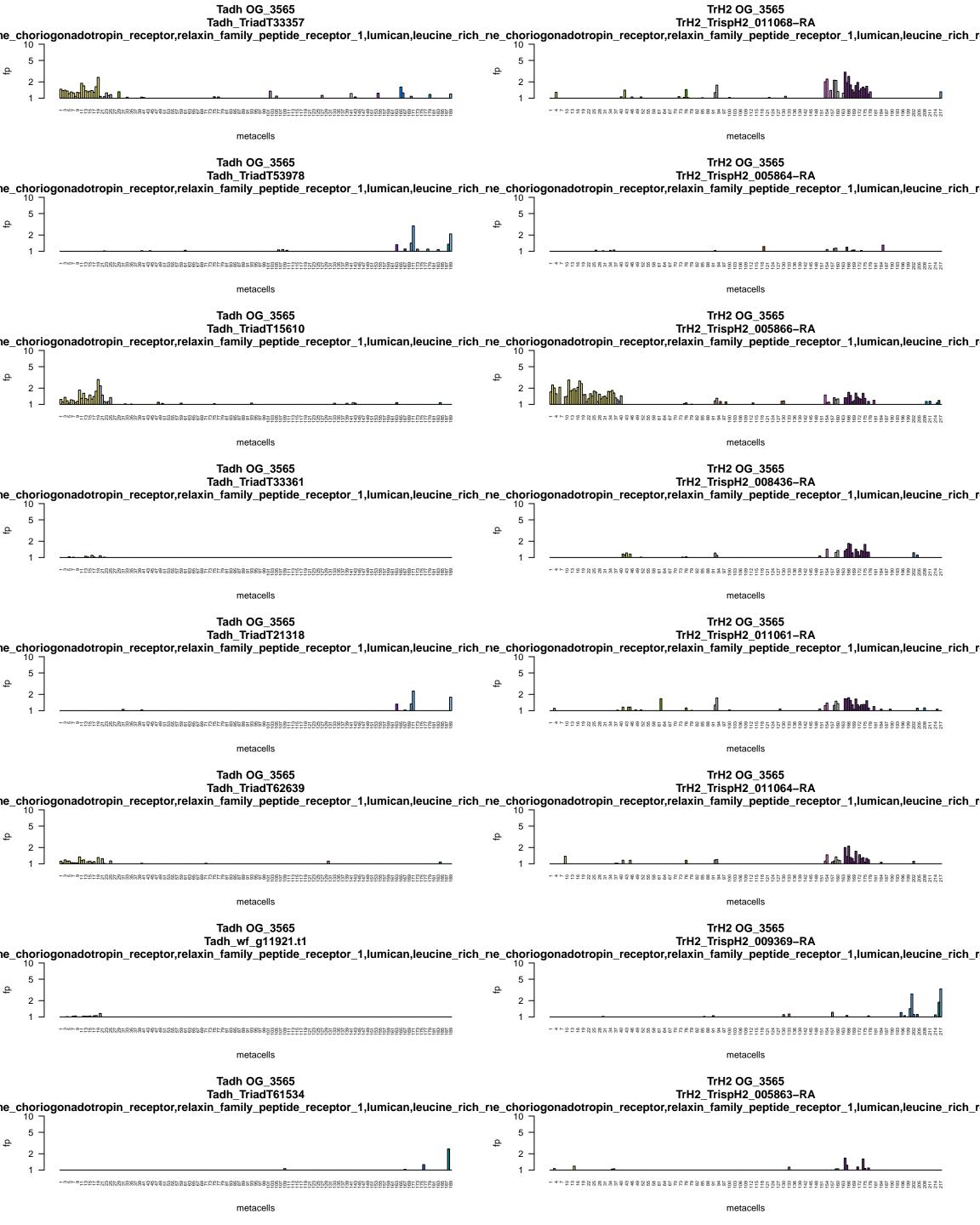


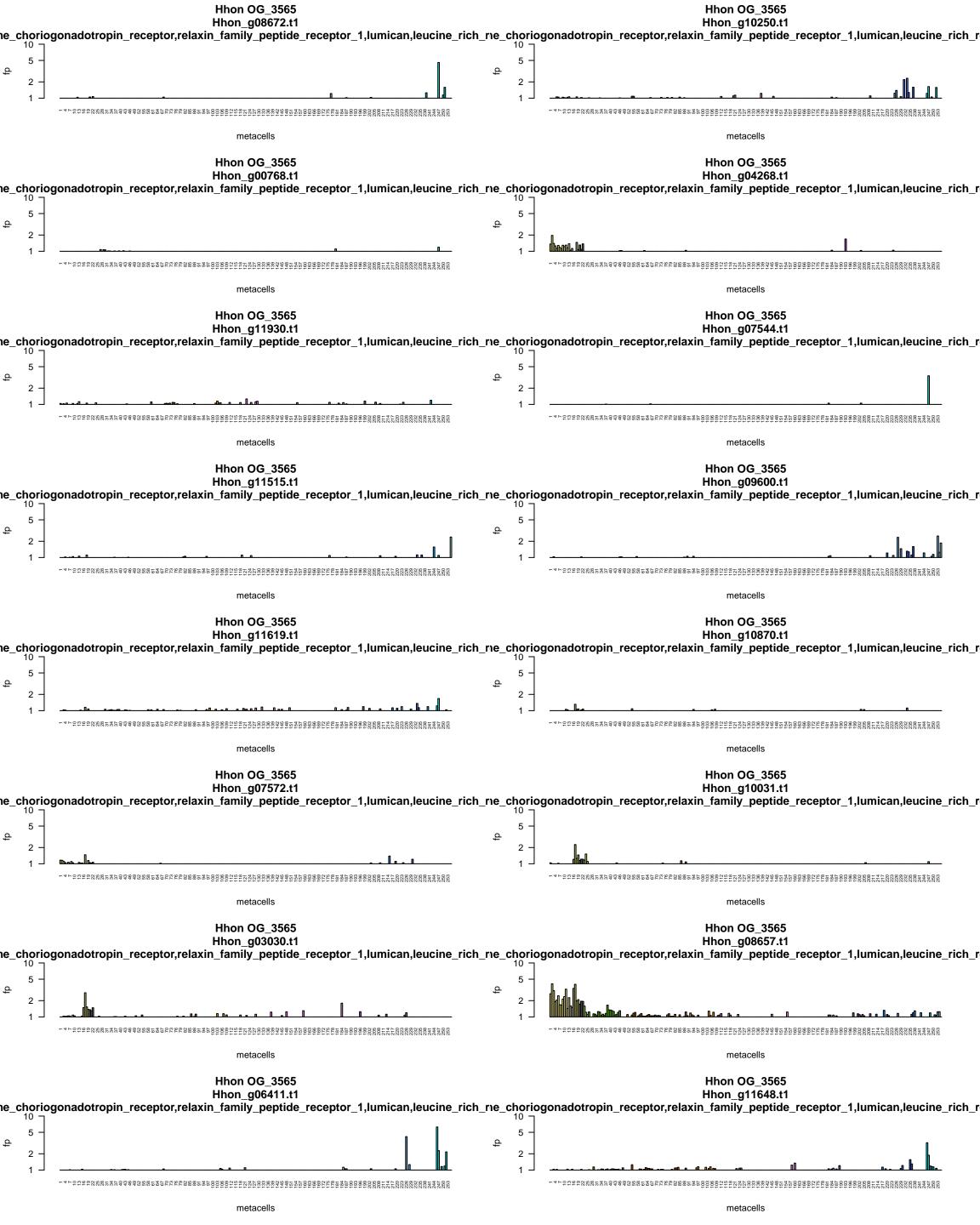


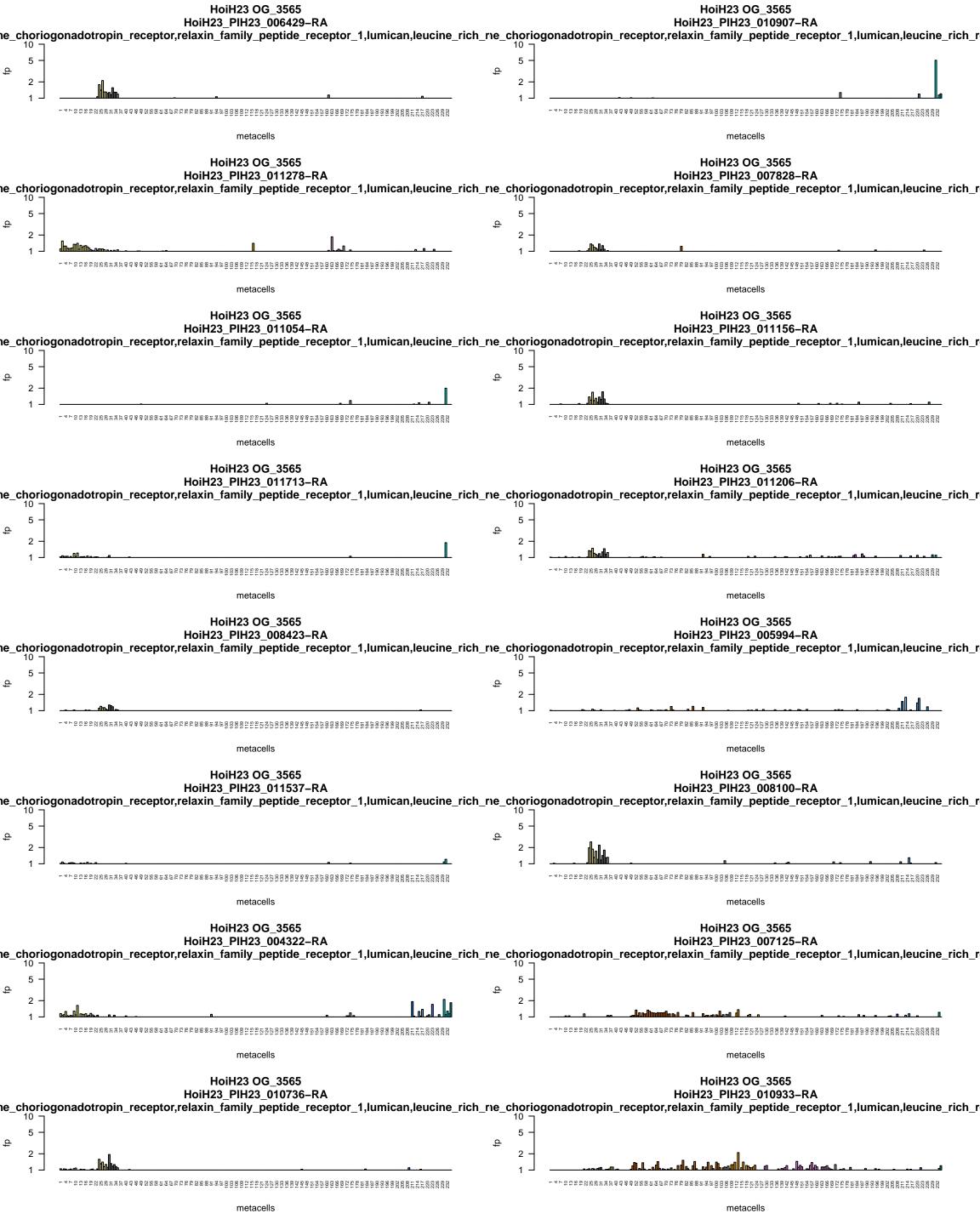




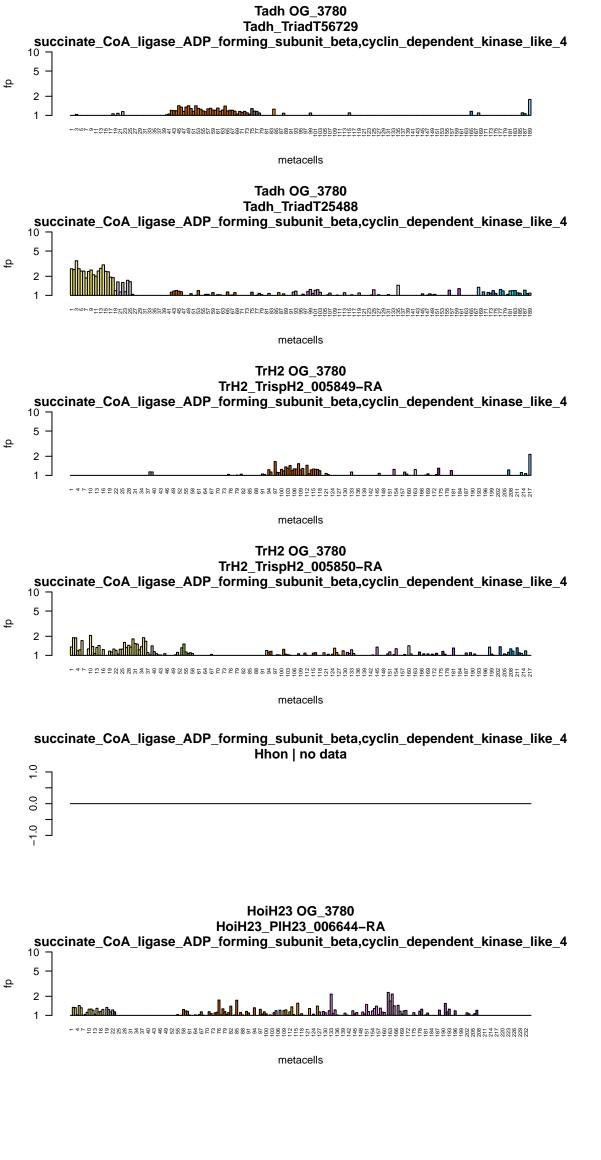






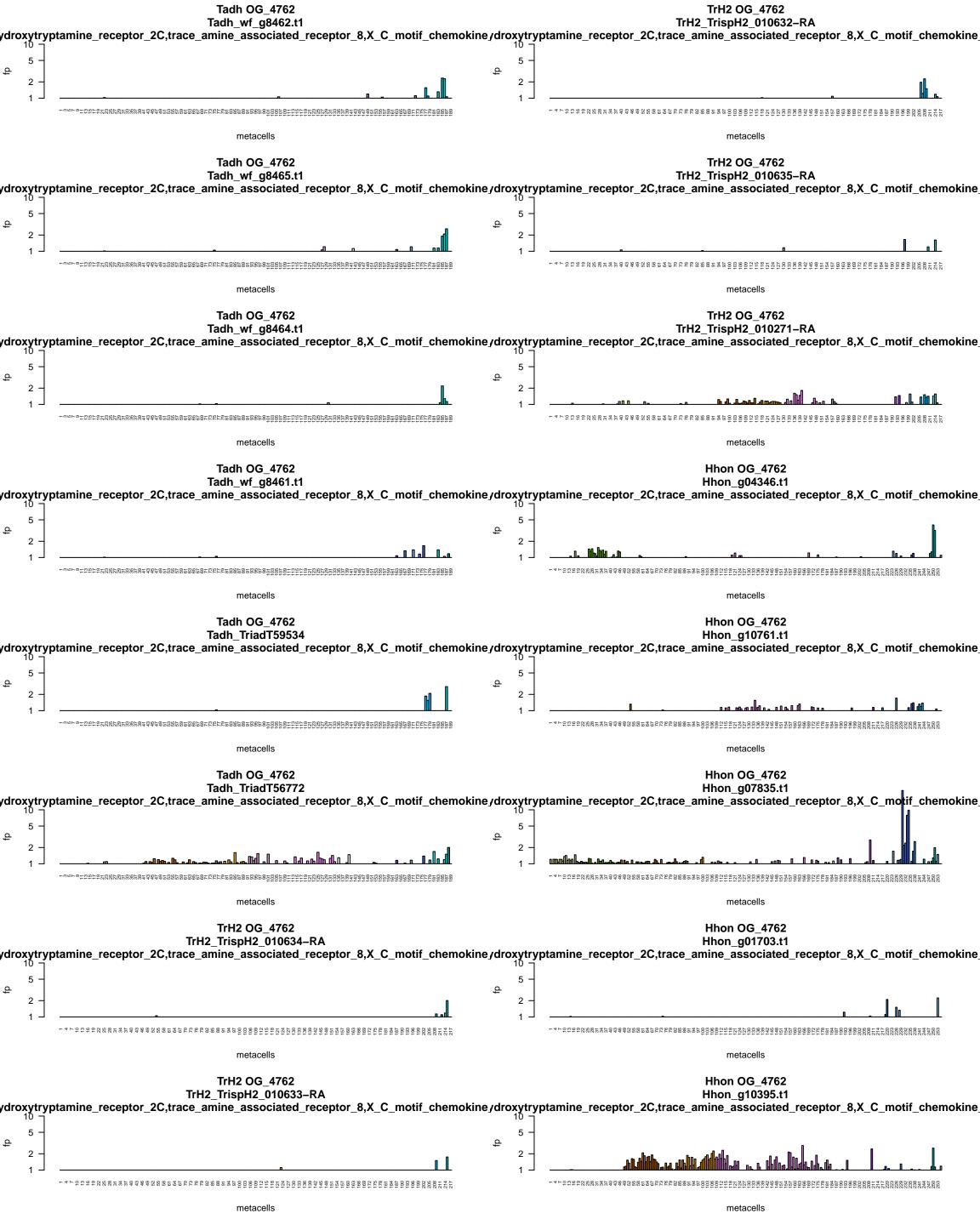


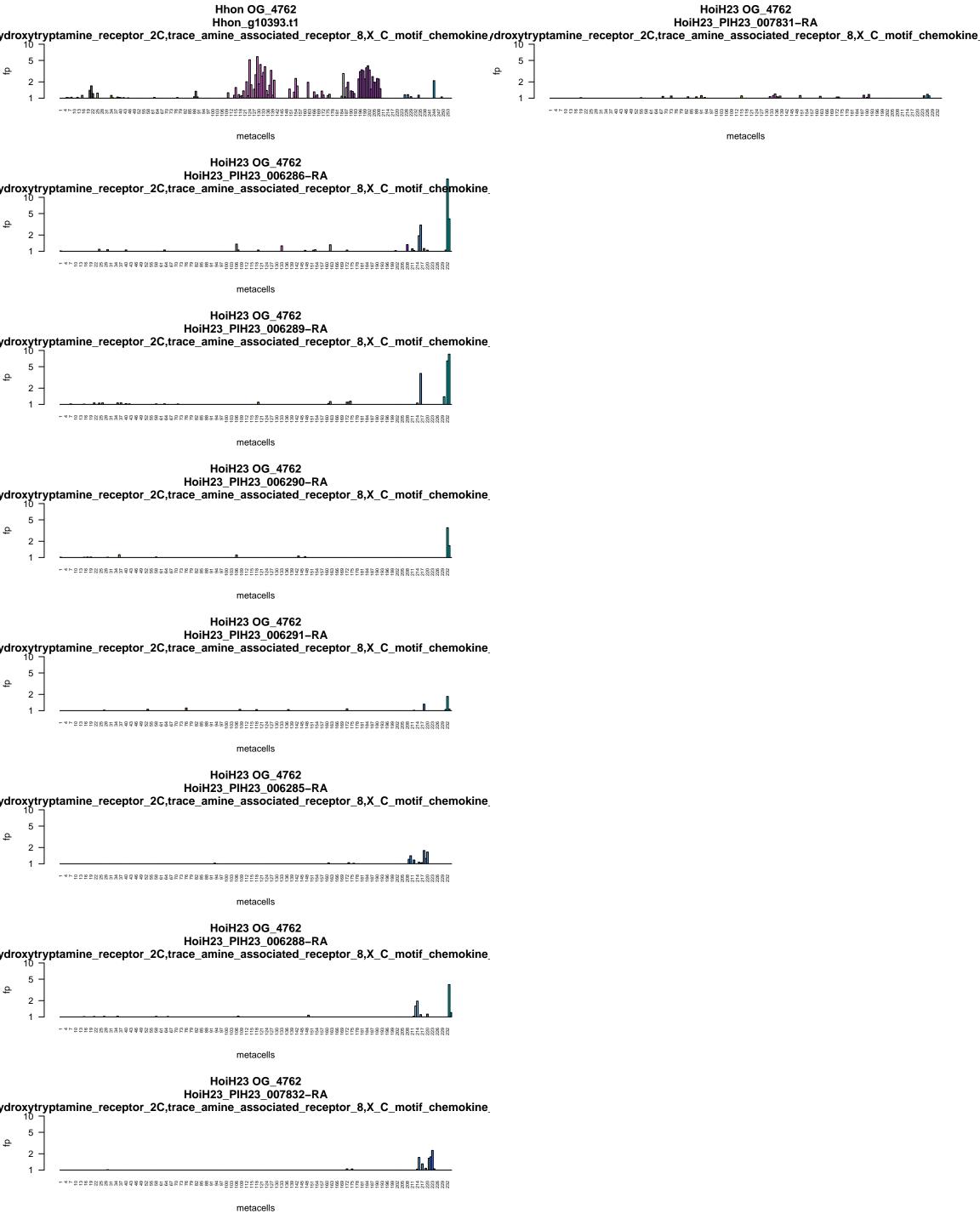
HoiH23 OG\_3565 HoiH23\_PIH23\_009290-RA ne\_choriogonadotropin\_receptor,relaxin\_family\_peptide\_receptor\_1,lumican,leucine\_rich\_r 2 metacells HoiH23 OG\_3565 HoiH23\_PIH23\_011058-RA metacells HoiH23 OG\_3565 HoiH23\_PIH23\_010881-RA ne\_choriogonadotropin\_receptor,relaxin\_family\_peptide\_receptor\_1,lumican,leucine\_rich\_r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

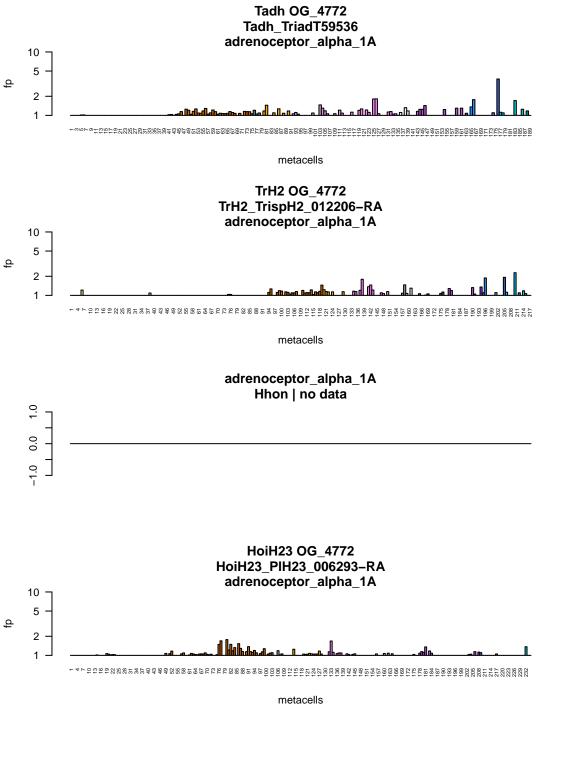


# IL2\_inducible\_T\_cell\_kinase,TXK\_tyrosine\_kinase Tadh | no data TrH2 OG\_3781 TrH2\_TrispH2\_005851-RA IL2\_inducible\_T\_cell\_kinase,TXK\_tyrosine\_kinase metacells IL2\_inducible\_T\_cell\_kinase,TXK\_tyrosine\_kinase Hhon | no data HoiH23 OG\_3781 HoiH23\_PIH23\_006645-RA IL2\_inducible\_T\_cell\_kinase,TXK\_tyrosine\_kinase metacells

## **Tadh OG\_4678** Tadh\_TriadT30101 protein\_kinase\_cGMP\_dependent\_1 10 metacells TrH2 OG\_4678 TrH2\_TrispH2\_000272-RA protein\_kinase\_cGMP\_dependent\_1 10 metacells **Hhon OG\_4678** Hhon\_g05975.t1 protein\_kinase\_cGMP\_dependent\_1 metacells HoiH23 OG\_4678 HoiH23\_PIH23\_003088-RA protein\_kinase\_cGMP\_dependent\_1 10 metacells





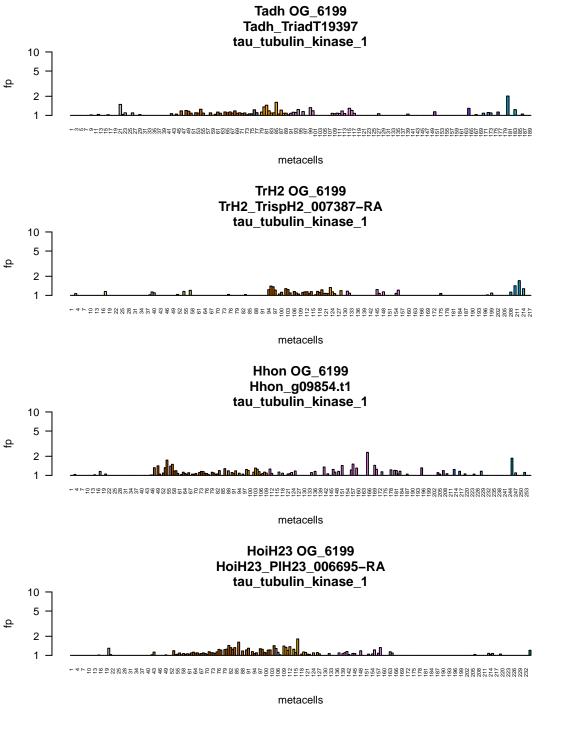


## Tadh OG\_5125 Tadh\_wf\_g10501.t1 10 metacells TrH2 OG\_5125 TrH2\_TrispH2\_003544-RA 10 $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\$ metacells Hhon OG\_5125 Hhon\_g07867.t1 -4 + 7055 + 6052 + 60metacells Hhon OG\_5125 Hhon\_g07868.t1 10 metacells Hhon OG\_5125 Hhon\_g07869.t1 -4 + 7055 + 61232 + 61244 + 61232 + 61242 + 61232 +metacells Hhon OG\_5125 Hhon\_g07870.t1 10 metacells HoiH23 OG\_5125 HoiH23\_PIH23\_007715-RA metacells

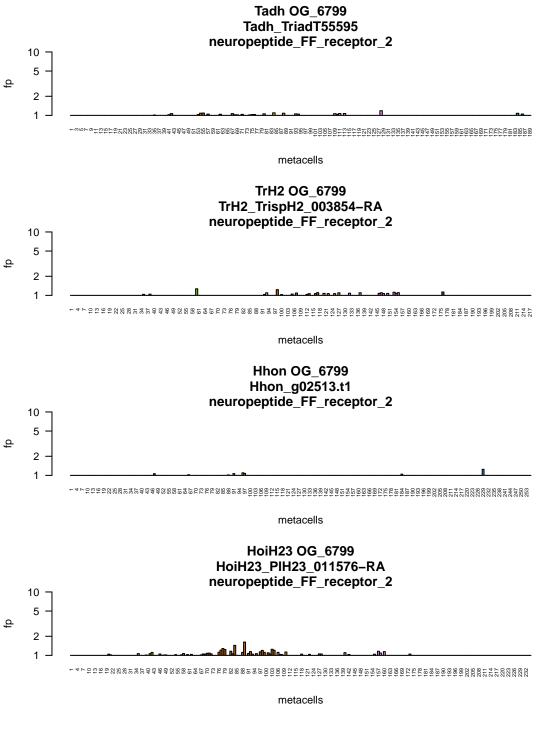
# **Tadh OG\_5449** Tadh\_TriadT58699 melatonin\_receptor\_1A,melatonin\_receptor\_1B metacells TrH2 OG\_5449 TrH2\_TrispH2\_010290-RA melatonin\_receptor\_1A,melatonin\_receptor\_1B metacells $melaton in\_receptor\_1A, melaton in\_receptor\_1B$ Hhon | no data HoiH23 OG\_5449 HoiH23\_PIH23\_007520-RA $melaton in\_receptor\_1A, melaton in\_receptor\_1B$ metacells

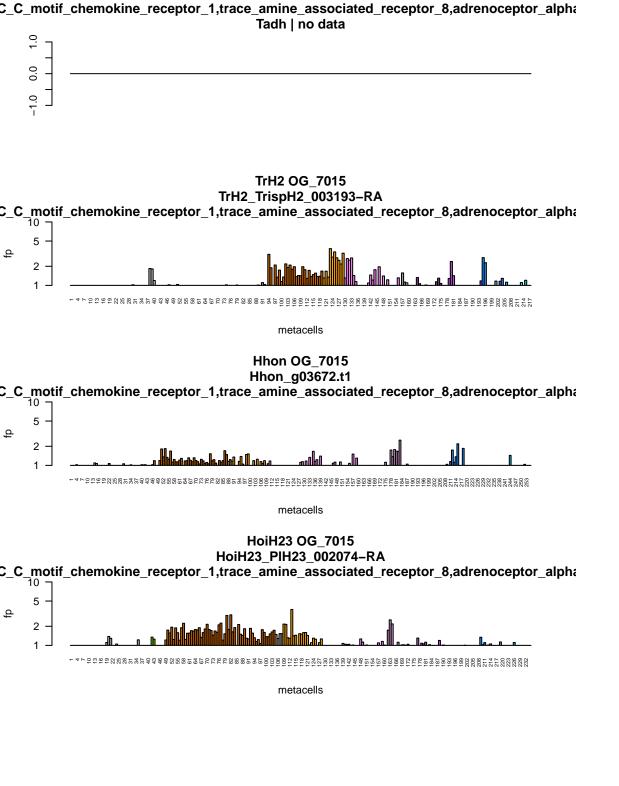
metacells

metacells



### **Tadh OG\_6385** Tadh\_TriadT55912 histamine\_receptor\_H2 10 metacells TrH2 OG\_6385 TrH2\_TrispH2\_011109-RA histamine\_receptor\_H2 metacells **Hhon OG\_6385** Hhon\_g03272.t1 histamine\_receptor\_H2 metacells HoiH23 OG\_6385 HoiH23\_PIH23\_002027-RA histamine\_receptor\_H2 10 metacells





## Tadh OG\_7557 Tadh\_TriadT56422 $dopamine\_receptor\_D5, histamine\_receptor\_H2, dopamine\_receptor\_D1$ 10 metacells TrH2 OG\_7557 TrH2\_TrispH2\_001204-RA dopamine\_receptor\_D5,histamine\_receptor\_H2,dopamine\_receptor\_D1 10 metacells Hhon OG\_7557 Hhon\_g05408.t1 dopamine\_receptor\_D5,histamine\_receptor\_H2,dopamine\_receptor\_D1 metacells HoiH23 OG\_7557 HoiH23\_PIH23\_000277-RA $dopamine\_receptor\_D5, histamine\_receptor\_H2, dopamine\_receptor\_D1$

metacells

## natriuretic\_peptide\_receptor\_2,natriuretic\_peptide\_receptor\_1 Tadh | no data TrH2 OG\_7613 TrH2\_TrispH2\_002264-RA $natriuretic\_peptide\_receptor\_2, natriuretic\_peptide\_receptor\_1$ 10 metacells Hhon OG\_7613 Hhon\_g01654.t1 natriuretic\_peptide\_receptor\_2,natriuretic\_peptide\_receptor\_1 -4 + 7055 + 6052 + 60metacells HoiH23 OG\_7613 HoiH23\_PIH23\_001006-RA natriuretic\_peptide\_receptor\_2,natriuretic\_peptide\_receptor\_1 metacells

**Tadh OG\_7849** Tadh\_TriadT54954 se\_21,mitofusin\_1,receptor\_interacting\_serine\_threonine\_kinase\_1,fibroblast\_growth\_facto 2 TrH2 OG\_7849 TrH2\_TrispH2\_008778-RA se\_21,mitofusin\_1,receptor\_interacting\_serine\_threonine\_kinase\_1,fibroblast\_growth\_facto metacells **Hhon OG\_7849** Hhon\_g11027.t1 se\_21,mitofusin\_1,receptor\_interacting\_serine\_threonine\_kinase\_1,fibroblast\_growth\_facto metacells Hhon OG\_7849 Hhon\_g11850.t1 se\_21,mitofusin\_1,receptor\_interacting\_serine\_threonine\_kinase\_1,fibroblast\_growth\_facto metacells Hhon OG\_7849 Hhon\_g11031.t1 se\_21,mitofusin\_1,receptor\_interacting\_serine\_threonine\_kinase\_1,fibroblast\_growth\_facto HoiH23 OG\_7849 HoiH23\_PIH23\_011264-RA se\_21,mitofusin\_1,receptor\_interacting\_serine\_threonine\_kinase\_1,fibroblast\_growth\_facto  $^{-4} + ^{0} +$ metacells HoiH23 OG\_7849 HoiH23\_PIH23\_011266-RA se\_21,mitofusin\_1,receptor\_interacting\_serine\_threonine\_kinase\_1,fibroblast\_growth\_facto  $\begin{smallmatrix} & +4 \\ & +6$ metacells

### **Tadh OG\_8260** Tadh\_TriadT33970 histamine\_receptor\_H2,5\_hydroxytryptamine\_receptor\_4 10 metacells TrH2 OG\_8260 TrH2\_TrispH2\_010189-RA histamine\_receptor\_H2,5\_hydroxytryptamine\_receptor\_4 10 $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\$ metacells Hhon OG\_8260 Hhon\_g05113.t1 histamine\_receptor\_H2,5\_hydroxytryptamine\_receptor\_4 metacells HoiH23 OG\_8260 HoiH23\_PIH23\_008391-RA $his tamine\_receptor\_H2, 5\_hydroxytryptamine\_receptor\_4$ metacells

Tadh OG\_8579 Tadh\_TriadT51561 \_1\_receptor\_associated\_kinase\_4,component\_of\_inhibitor\_of\_nuclear\_factor\_kappa\_B\_ki 2 metacells TrH2 OG\_8579 TrH2\_TrispH2\_009238-RA metacells TrH2 OG\_8579 TrH2\_TrispH2\_008684-RA \_1\_receptor\_associated\_kinase\_4,component\_of\_inhibitor\_of\_nuclear\_factor\_kappa\_B\_ki metacells **Hhon OG\_8579** Hhon\_g09834.t1 \_1\_receptor\_associated\_kinase\_4,component\_of\_inhibitor\_of\_nuclear\_factor\_kappa\_B\_ki  $^{-4} + ^{0} +$ metacells HoiH23 OG\_8579 HoiH23\_PIH23\_007838-RA 2 metacells

**Tadh OG\_9705** Tadh\_TriadT64227 adhesion\_G\_protein\_coupled\_receptor\_L2,adhesion\_G\_protein\_coupled\_receptor\_L1 2 -an-a-tat-a-vavvalanyn-aataa-arnpa-arnpa-arnpa-arnpa-arnpa-arnpa-arnpa-arnpa-arnpa-arnpa-arnpa-arnpa-arnpa-arn metacells TrH2 OG\_9705 TrH2\_TrispH2\_010944-RA adhesion\_G\_protein\_coupled\_receptor\_L2,adhesion\_G\_protein\_coupled\_receptor\_L1  $\begin{smallmatrix} 1&4&5&5&5&5&5\\1&4&5&5&5&5&$ metacells TrH2 OG\_9705 TrH2\_TrispH2\_007588-RA adhesion\_G\_protein\_coupled\_receptor\_L2,adhesion\_G\_protein\_coupled\_receptor\_L1 metacells Hhon OG\_9705 Hhon\_g09977.t1 adhesion\_G\_protein\_coupled\_receptor\_L2,adhesion\_G\_protein\_coupled\_receptor\_L1 metacells HoiH23 OG\_9705 HoiH23\_PIH23\_005603-RA adhesion\_G\_protein\_coupled\_receptor\_L2,adhesion\_G\_protein\_coupled\_receptor\_L1 2 · 

metacells