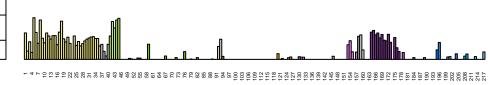
**Tadh OG\_3302** Tadh\_TriadT60419 C2\_and\_transmembrane\_domain\_containing\_1,multiple\_C2\_and\_transmembrane\_domain\_ 2 metacells Tadh OG\_3302 Tadh\_wf\_g9391.t1 C2\_and\_transmembrane\_domain\_containing\_1,multiple\_C2\_and\_transmembrane\_domain\_ metacells Tadh OG\_3302 Tadh\_TriadT60418 C2\_and\_transmembrane\_domain\_containing\_1,multiple\_C2\_and\_transmembrane\_domain\_ metacells TrH2 OG\_3302 TrH2\_TrispH2\_002925-RA C2\_and\_transmembrane\_domain\_containing\_1,multiple\_C2\_and\_transmembrane\_domain\_  $\begin{smallmatrix} 1&4&5&5&5&5&5\\1&4&5&5&5&5&$ metacells **Hhon OG\_3302** Hhon\_g11502.t1 C2\_and\_transmembrane\_domain\_containing\_1,multiple\_C2\_and\_transmembrane\_domain\_ 2 -4 + 525 = 6232 = 24 + 623 = 24 + 625 =metacells HoiH23 OG\_3302 HoiH23\_PIH23\_003444-RA C2\_and\_transmembrane\_domain\_containing\_1,multiple\_C2\_and\_transmembrane\_domain\_ metacells HoiH23 OG\_3302 HoiH23\_PIH23\_003445-RA C2\_and\_transmembrane\_domain\_containing\_1,multiple\_C2\_and\_transmembrane\_domain\_  $\begin{smallmatrix} & +4 \\ & +6$ metacells

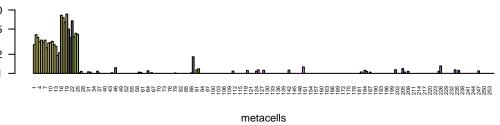
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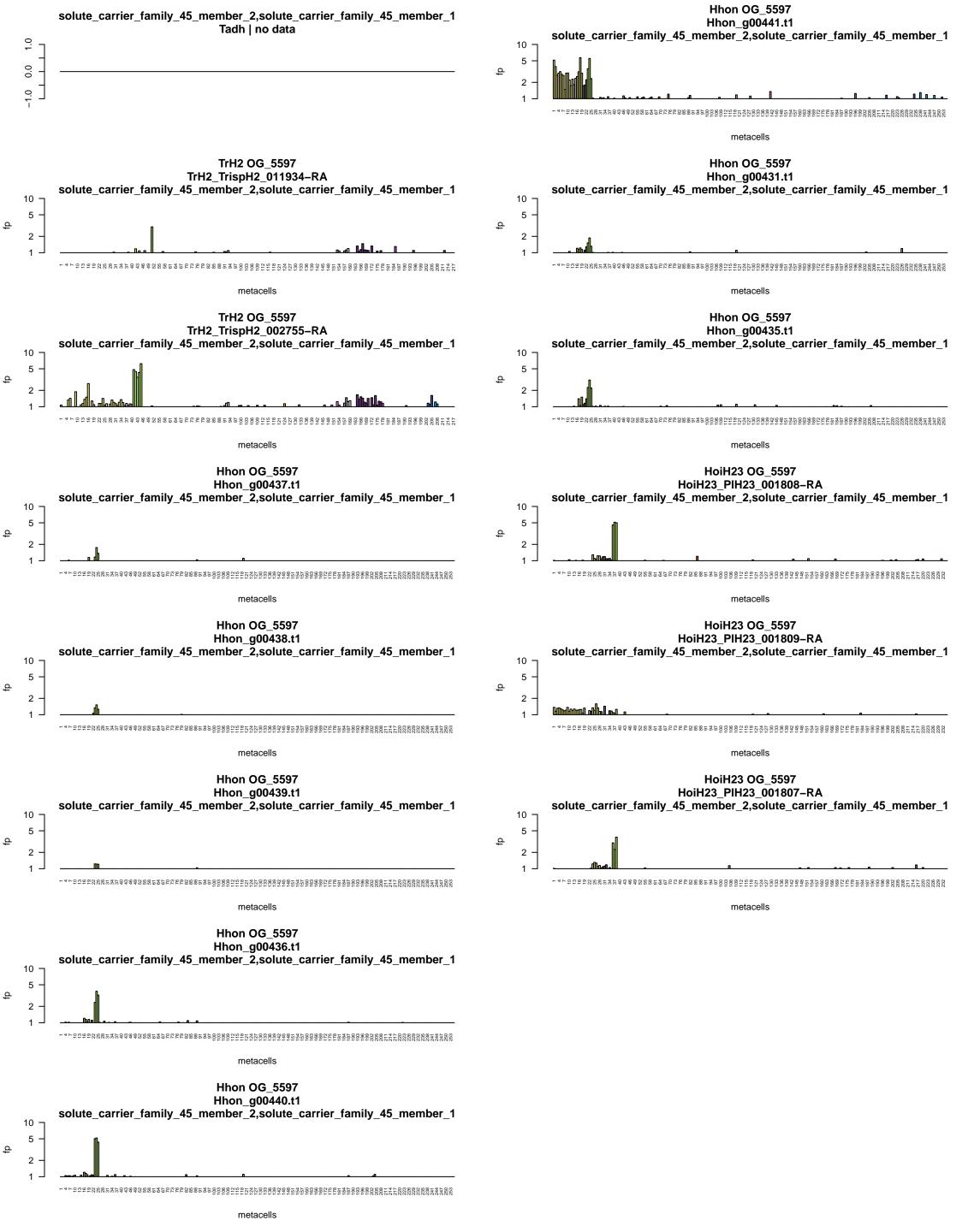
metacells

#### Hhon OG\_696 Hhon\_g02578.t1



HoiH23 OG\_696 HoiH23\_PIH23\_003312-RA

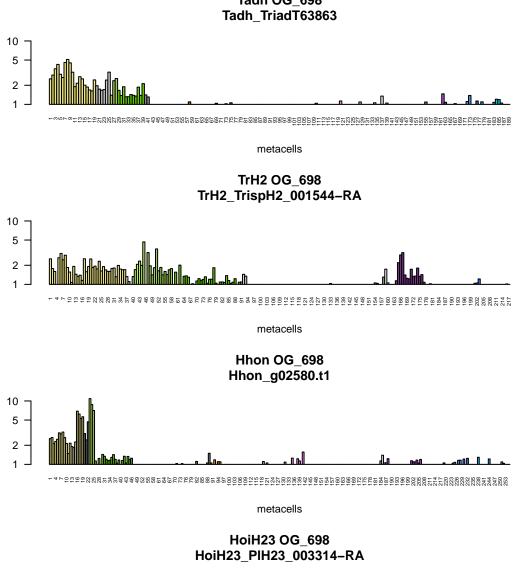
-4r05555148524688824655555888824655558888248882465555888888

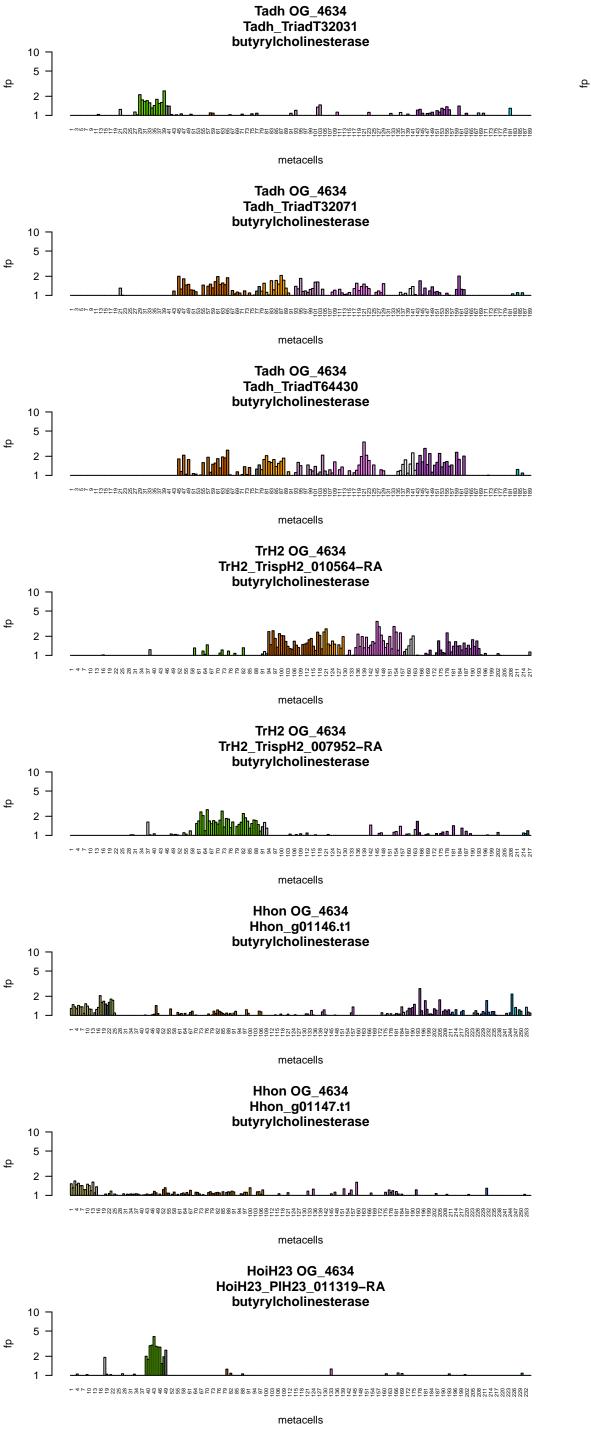


# **Tadh OG\_5909** Tadh\_TriadT55754 discs\_large\_MAGUK\_scaffold\_protein\_5 metacells TrH2 OG\_5909 TrH2\_TrispH2\_001647-RA discs\_large\_MAGUK\_scaffold\_protein\_5 10 metacells Hhon OG\_5909 Hhon\_g01014.t1 discs\_large\_MAGUK\_scaffold\_protein\_5 metacells HoiH23 OG\_5909 HoiH23\_PIH23\_010550-RA $discs\_large\_MAGUK\_scaffold\_protein\_5$

#### **Tadh OG\_7989** Tadh\_TriadT59563 glutamate\_metabotropic\_receptor\_7,glutamate\_metabotropic\_receptor\_4 10 metacells TrH2 OG\_7989 TrH2\_TrispH2\_011780-RA $glutamate\_metabotropic\_receptor\_7, glutamate\_metabotropic\_receptor\_4$ 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\_7989 Hhon\_g10141.t1 glutamate\_metabotropic\_receptor\_7,glutamate\_metabotropic\_receptor\_4 -4 + 7055 + 6052 + 60metacells HoiH23 OG\_7989 HoiH23\_PIH23\_011425-RA $glutamate\_metabotropic\_receptor\_7, glutamate\_metabotropic\_receptor\_4$ 10 $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ metacells HoiH23 OG\_7989 HoiH23\_PIH23\_011427-RA $glutamate\_metabotropic\_receptor\_7, glutamate\_metabotropic\_receptor\_4$ 10

### Tadh OG\_698 Tadh\_TriadT63863





#### HoiH23 OG\_4634 HoiH23\_PIH23\_011464-RA butyrylcholinesterase

10

2

**Tadh OG\_4956** Tadh\_TriadT59566 cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece 2 metacells TrH2 OG\_4956 TrH2\_TrispH2\_011885-RA cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece metacells Hhon OG\_4956 Hhon\_g10144.t1 cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece metacells HoiH23 OG\_4956 HoiH23\_PIH23\_011808-RA cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece  $^{-4} + ^{0} +$ metacells HoiH23 OG\_4956 HoiH23\_PIH23\_010915-RA cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece HoiH23 OG\_4956 HoiH23\_PIH23\_011423-RA cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece metacells

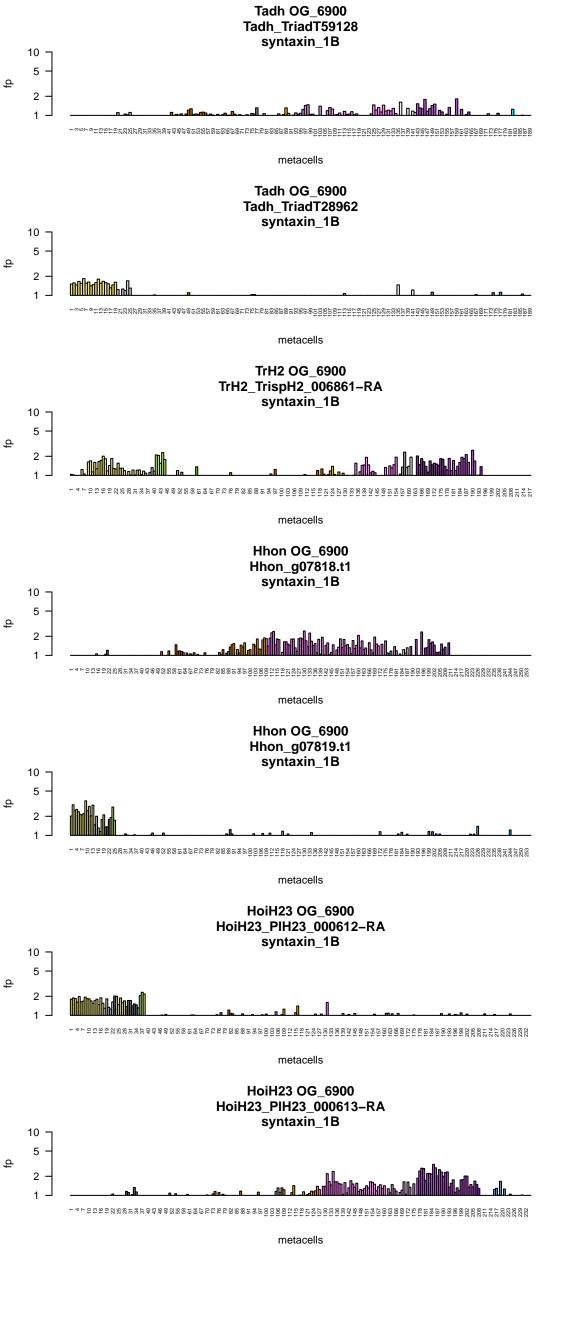
Tadh OG\_5067 HoiH23 OG\_5067 Tadh\_wf\_g5526.t1 HoiH23\_PIH23\_001116-RA thymosin\_beta\_4\_X\_linked,erythrocyte\_membrane\_protein\_band\_4.1\_like\_3,thymosin\_betahymosin\_beta\_4\_X\_linked,erythrocyte\_membrane\_protein\_band\_4.1\_like\_3,thymosin\_beta 2 -a $^{-4}$ metacells metacells **Tadh OG\_5067** HoiH23 OG\_5067 Tadh\_TriadT64069 HoiH23\_PIH23\_006991-RA thymosin\_beta\_4\_X\_linked,erythrocyte\_membrane\_protein\_band\_4.1\_like\_3,thymosin\_betahymosin\_beta\_4\_X\_linked,erythrocyte\_membrane\_protein\_band\_4.1\_like\_3,thymosin\_beta\_10 ¬  $^{-4}$ metacells metacells TrH2 OG\_5067 TrH2\_TrispH2\_011135-RA metacells TrH2 OG\_5067 TrH2\_TrispH2\_007984-RA thymosin\_beta\_4\_X\_linked,erythrocyte\_membrane\_protein\_band\_4.1\_like\_3,thymosin\_beta  $^{-4}$   $^{+}$  metacells TrH2 OG\_5067 thymosin\_beta\_4\_X\_linked,erythroc embrane\_protein\_band\_4.1\_like\_3,thymosin\_beta metacells TrH2 OG\_5067 TrH2\_TrispH2\_001493-RA thymosin\_beta\_4\_X\_linked,erythrocyte\_membrane\_protein\_band\_4.1\_like\_3,thymosin\_beta metacells **Hhon OG\_5067** Hhon\_g05621.t1 thymosin\_beta\_4\_X\_liրked,erythrocyte\_membrane\_protein\_band\_4.1\_like\_3,thymosin\_beta metacells **Hhon OG\_5067** Hhon\_g00260.t1 thymosin\_beta\_4\_X\_linked,erythrocyte\_membrane\_protein\_band\_4.1\_like\_3,thymosin\_beta 

**Tadh OG\_5443** Tadh\_TriadT14966 ucuronate\_decarboxylase\_1,glutamate\_metabotropic\_receptor\_7,glutamate\_metabotropic\_ metacells **Tadh OG\_5443** Tadh\_TriadT29937 ucuronate\_decarboxylase\_1,glutamate\_metabotropic\_receptor\_7,glutamate\_metabotropic\_ -anralssaugussaugussaugussaugussaugussaussaugussaugussaugussaugusussaugussaugusussaugusussaugussaugussaugussuu metacells TrH2 OG\_5443 TrH2\_TrispH2\_010125-RA ucuronate\_decarboxylase\_1,glutamate\_metabotropic\_receptor\_7,glutamate\_metabotropic\_ metacells **Hhon OG\_5443** Hhon\_g03032.t1 ucuronate\_decarboxylase\_1,glutamate\_metabotropic\_receptor\_7,glutamate\_metabotropic\_ metacells Hhon OG\_5443 Hhon\_g03033.t1 ucuronate\_decarboxylase\_1,glutamate\_metabotropic\_receptor\_7,glutamate\_metabotropic\_ HoiH23 OG\_5443 HoiH23\_PIH23\_010635-RA ucuronate\_decarboxylase\_1,glutamate\_metabotropic\_receptor\_7,glutamate\_metabotropic\_ metacells HoiH23 OG\_5443 HoiH23\_PIH23\_010636-RA ucuronate\_decarboxylase\_1,glutamate\_metabotropic\_receptor\_7,glutamate\_metabotropic\_  $\begin{smallmatrix} & +4 \\ & +6$ metacells

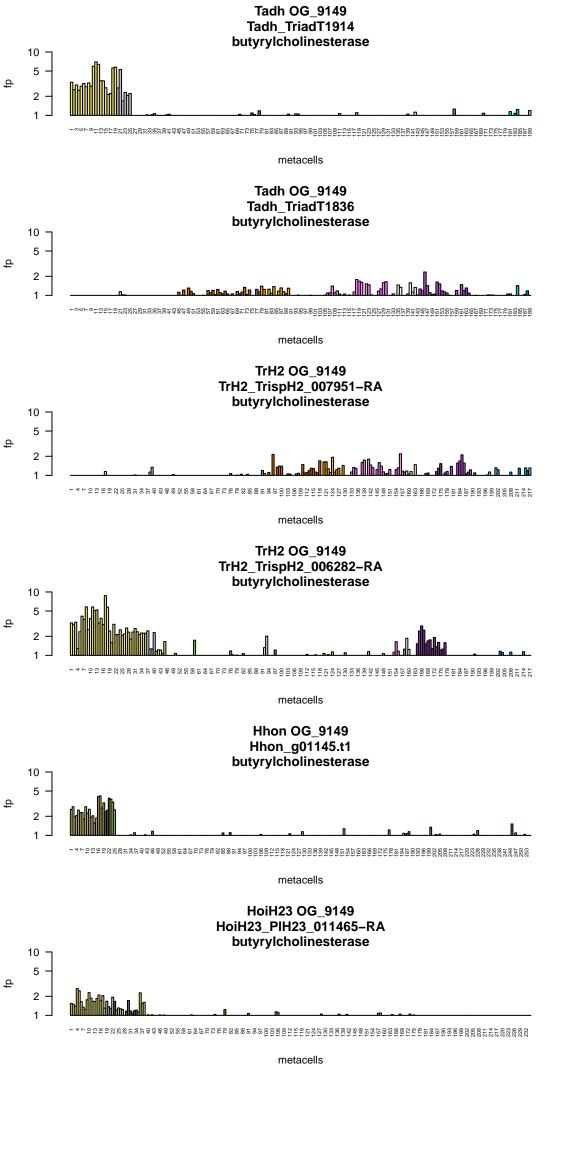
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**Tadh OG\_5820** Tadh\_TriadT2811 cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece metacells **Tadh OG\_5820** Tadh\_TriadT55249 cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece metacells **Tadh OG\_5820** Tadh\_wf\_g4033.t1 cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece TrH2 OG\_5820 TrH2\_TrispH2\_001751-RA cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece metacells TrH2 OG\_5820 TrH2\_TrispH2\_001750-RA cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece **Hhon OG\_5820** Hhon\_g05225.t1 cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece metacells HoiH23 OG\_5820 HoiH23\_PIH23\_007935-RA cium\_sensing\_receptor,glutamate\_metabotropic\_receptor\_2,glutamate\_metabotropic\_rece  $\begin{smallmatrix} & +4 \\ & +6$ metacells



#### Tadh OG\_8920 Tadh\_TriadT51955 myotubularin\_related\_protein\_1,myotubularin\_1 metacells TrH2 OG\_8920 TrH2\_TrispH2\_006333-RA myotubularin\_related\_protein\_1,myotubularin\_1 metacells Hhon OG\_8920 Hhon\_g05727.t1 myotubularin\_related\_protein\_1,myotubularin\_1 metacells HoiH23 OG\_8920 HoiH23\_PIH23\_002275-RA myotubularin\_related\_protein\_1,myotubularin\_1 10



### Tadh OG\_9740 Tadh\_TriadT53974 protein\_interacting\_with\_PRKCA\_1 metacells TrH2 OG\_9740 TrH2\_TrispH2\_009611-RA protein\_interacting\_with\_PRKCA\_1 metacells Hhon OG\_9740 Hhon\_g00314.t1 protein\_interacting\_with\_PRKCA\_1 metacells HoiH23 OG\_9740 HoiH23\_PIH23\_010100-RA protein\_interacting\_with\_PRKCA\_1 10

## $solute\_carrier\_organic\_anion\_transporter\_family\_member\_4A1$ Tadh | no data TrH2 OG\_10226 TrH2\_TrispH2\_006463-RA $solute\_carrier\_organic\_anion\_transporter\_family\_member\_4A1$ 10 metacells Hhon OG\_10226 Hhon\_g06187.t1 solute\_carrier\_organic\_anion\_transporter\_family\_member\_4A1 metacells HoiH23 OG\_10226 HoiH23\_PIH23\_001221-RA $solute\_carrier\_organic\_anion\_transporter\_family\_member\_4A1$ 10 $^{-4} + ^{1} +$ metacells