Tadh OG_4285 Tadh_TriadT28937 $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 metacells TrH2 OG_4285 TrH2_TrispH2_006907-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 metacells **Hhon OG_4285** Hhon_g02704.t1 gamma_aminobutyric_acid_type_B_receptor_subunit_2 metacells HoiH23 OG_4285 HoiH23_PIH23_009834-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 $^{-4} + ^{1} +$

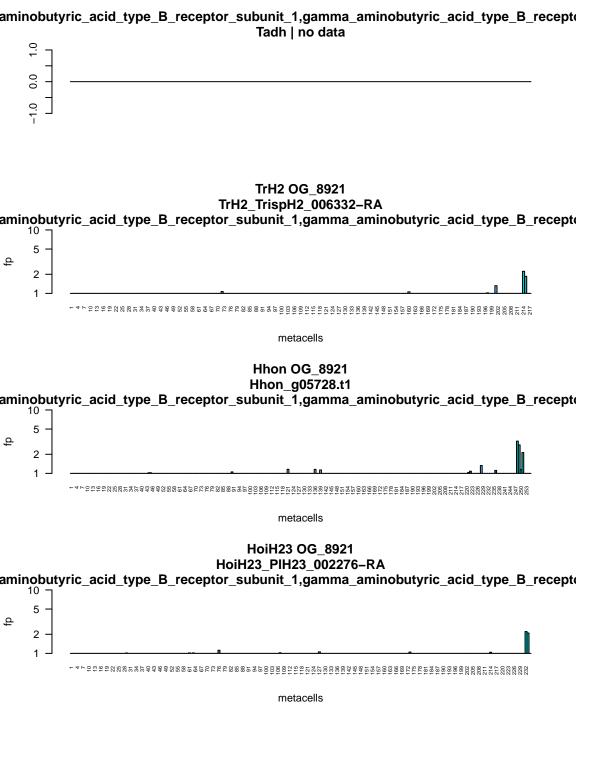
Tadh OG_5418 Tadh_TriadT52983 aminobutyric_acid_type_B_receptor_subunit_2,gamma_aminobutyric_acid_type_B_receptor_subunit_2,gamma_aminobutyric_acid_type_B_receptor_subunit_2 2 metacells TrH2 OG_5418 TrH2_TrispH2_008289-RA aminobutyric_acid_type_B_receptor_subunit_2,gamma_aminobutyric_acid_type_B_receptor_ metacells **Hhon OG_5418** Hhon_g11350.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 metacells **Hhon OG_5418** Hhon_g05486.t1 aminobutyric_acid_type_B_receptor_subunit_2,gamma_aminobutyric_acid_type_B_receptor metacells HoiH23 OG_5418 HoiH23_PIH23_006171-RA aminobutyric_acid_type_B_receptor_subunit_2,gamma_aminobutyric_acid_type_B_receptor_ 2 $\begin{smallmatrix} & +4 \\ & +6$

Tadh OG_5822 Tadh_wf_g4030.t1 Itamate_metabotropic_receptor_7,glutamate_metabotropic_receptor_1,calcium_sensing_re 2 metacells TrH2 OG_5822 TrH2_TrispH2_001749-RA וtamate_metabotropic_receptor_7,glutamate_metabotropic_receptor_1,calcium_sensing_re $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells Hhon OG_5822 Hhon_g05229.t1 itamate_metabotropic_receptor_7,glutamate_metabotropic_receptor_1,calcium_sensing_re metacells HoiH23 OG_5822 HoiH23_PIH23_011778-RA ntamate_metabotropic_receptor_7,glutamate_metabotropic_receptor_1,calcium_sensing_re

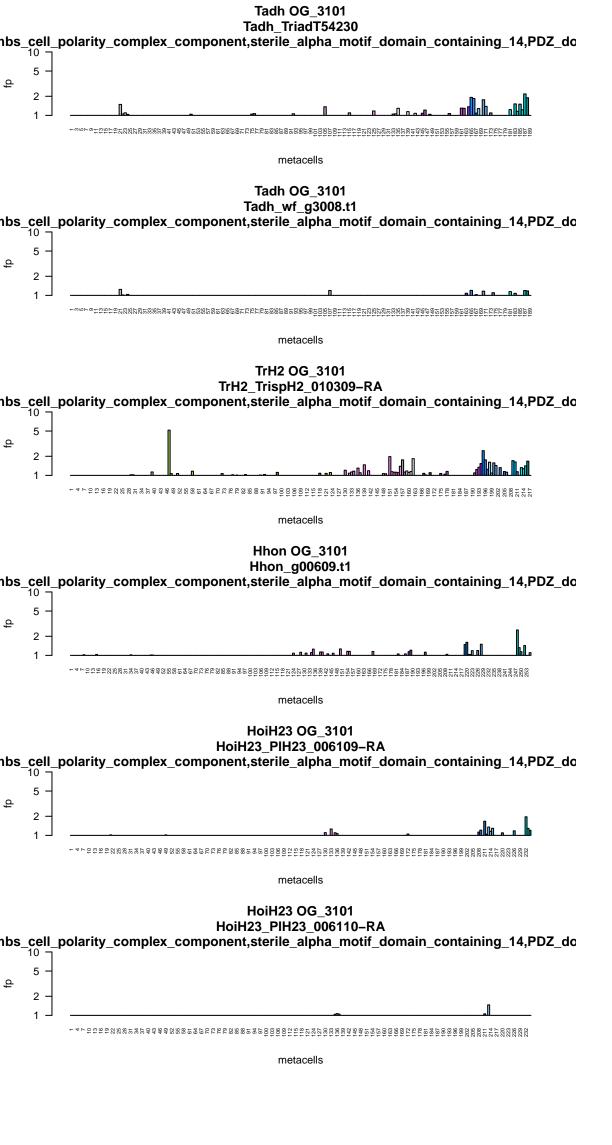
 $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$

Tadh OG_2959 Tadh_TriadT52577 aminobutyric_acid_type_B_receptor_subunit_2,gamma_aminobutyric_acid_type_B_receptor 2 metacells **Tadh OG_2959** Tadh_TriadT52576 aminobutyric_acid_type_B_receptor_subunit_2,gamma_aminobutyric_acid_type_B_receptor_subunit_2. - 201- 2121- 21212- 21212- 21212- 2121- 212 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_receptor $\begin{smallmatrix} & +4 \\ & +6$ metacells

Tadh OG_3774 Tadh_TriadT56632 CNKSR_family_member_3,CNK3_IPCEF1_fusion_protein metacells TrH2 OG_3774 TrH2_TrispH2_007957-RA ${\bf CNKSR_family_member_3, CNK3_IPCEF1_fusion_protein}$ 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_3774 Hhon_g10325.t1 CNKSR_family_member_3,CNK3_IPCEF1_fusion_protein $^{-4}{}^{+}$ metacells Hhon OG_3774 Hhon_g09150.t1 CNKSR_family_member_3,CNK3_IPCEF1_fusion_protein $^{-4} + ^{0} +$ metacells HoiH23 OG_3774 HoiH23_PIH23_005170-RA ${\bf CNKSR_family_member_3, CNK3_IPCEF1_fusion_protein}$



GTPase_activating_Rap_RanGAP_domain_like_3 Tadh | no data TrH2 OG_2909 TrH2_TrispH2_009344-RA GTPase_activating_Rap_RanGAP_domain_like_3 metacells GTPase_activating_Rap_RanGAP_domain_like_3 Hhon | no data HoiH23 OG_2909 HoiH23_PIH23_006555-RA GTPase_activating_Rap_RanGAP_domain_like_3 metacells



Tadh OG_4284 Tadh_TriadT28568 $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 metacells TrH2 OG_4284 TrH2_TrispH2_006906-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_4284 Hhon_g02705.t1 gamma_aminobutyric_acid_type_B_receptor_subunit_2 metacells HoiH23 OG_4284 HoiH23_PIH23_009833-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 metacells

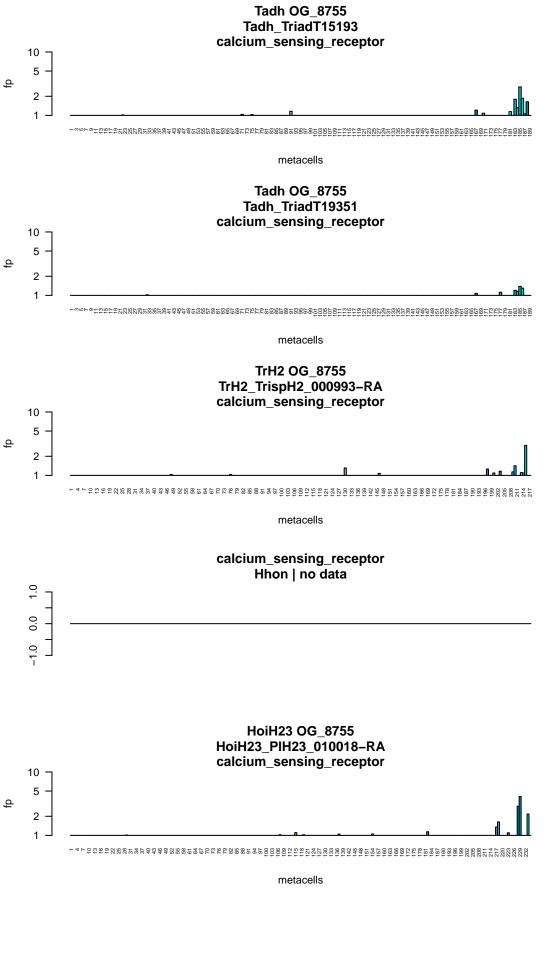
Tadh_TriadT11804 solute_carrier_organic_anion_transporter_family_member_4A1 metacells TrH2 OG_4776 TrH2_TrispH2_010107-RA solute_carrier_organic_anion_transporter_family_member_4A1 metacells metacells solute_carrier_organic_anion_transporter_family_member_4A1 Hhon | no data solute_carrier_organic_anion_transporter_family_member_4A1 Hhon | no data

Tadh OG_6008 Tadh_wf_g1897.t1 RAS_protein_activator_like_2,DAB2_interacting_protein 10 metacells TrH2 OG_6008 TrH2_TrispH2_003065-RA $RAS_protein_activator_like_2, DAB2_interacting_protein$ 10 metacells Hhon OG_6008 Hhon_g01252.t1 $RAS_protein_activator_like_2, DAB2_interacting_protein$ metacells HoiH23 OG_6008 HoiH23_PIH23_000003-RA RAS_protein_activator_like_2,DAB2_interacting_protein 10 metacells

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_7398
Tadh_TriadT55500
aminobutyric_acid_type_B_receptor_subunit_2,gamma_aminobutyric_aci

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



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

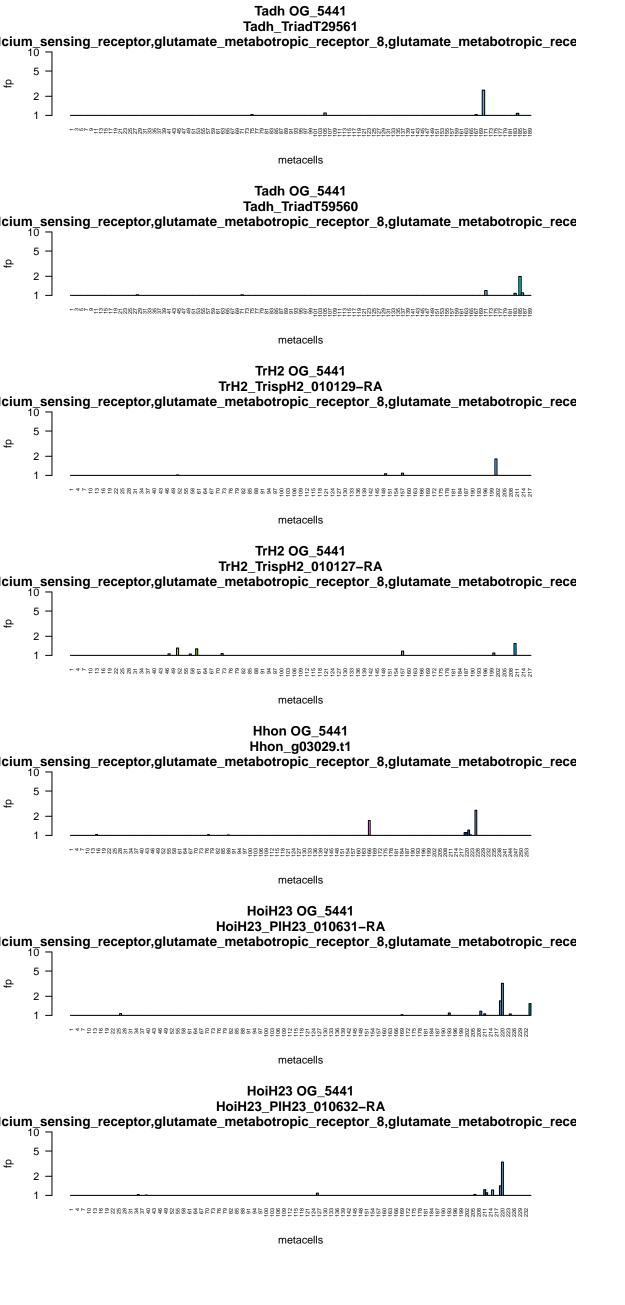
Tadh OG_1478 Tadh_wf_g4010.t1 10 metacells TrH2 OG_1478 TrH2_TrispH2_001729-RA 10 -metacells Hhon OG_1478 Hhon_g05248.t1 metacells HoiH23 OG_1478 HoiH23_PIH23_010817-RA 10

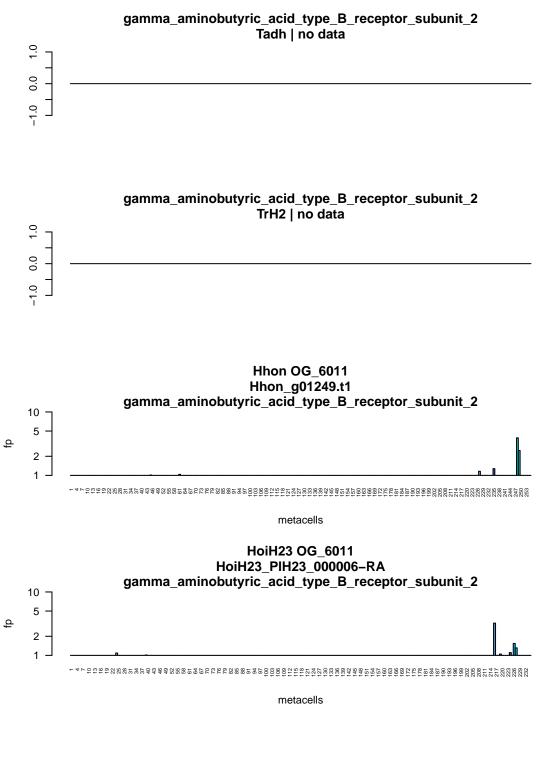
Tadh OG_4080 Tadh_TriadT62142 Rap_associating_with_DIL_domain 10 metacells TrH2 OG_4080 TrH2_TrispH2_010086-RA Rap_associating_with_DIL_domain $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells Hhon OG_4080 Hhon_g11210.t1 Rap_associating_with_DIL_domain metacells HoiH23 OG_4080 HoiH23_PIH23_010438-RA Rap_associating_with_DIL_domain 10



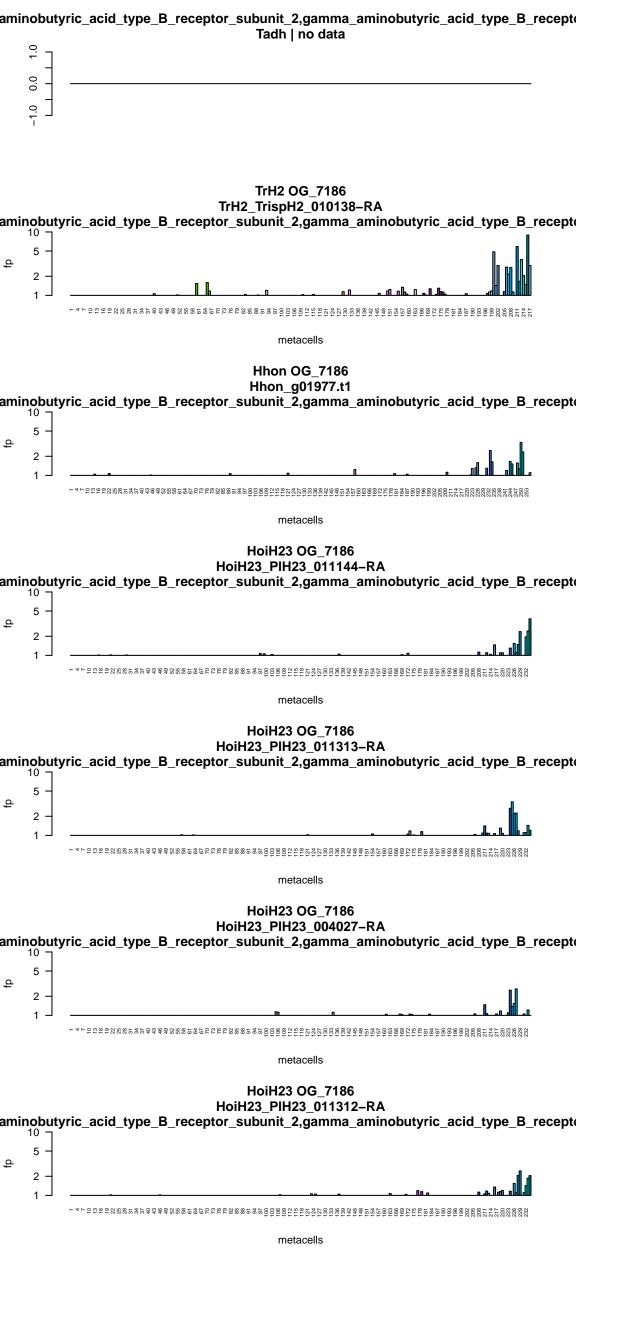


TrH2 OG_4636 TrH2_TrispH2_003379-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 $\begin{smallmatrix} 1&4&5&5&5&5&6\\ 1&4&5&5&5&6\\ 1&4&5&5&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6&6\\ 1&4&5&6&6&6$ metacells **Hhon OG_4636** Hhon_g07295.t1 gamma_aminobutyric_acid_type_B_receptor_subunit_2 metacells HoiH23 OG_4636 HoiH23_PIH23_010039-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 metacells





Tadh OG_6180 Tadh_TriadT28471 natriuretic_peptide_receptor_1 10 metacells TrH2 OG_6180 TrH2_TrispH2_003698-RA natriuretic_peptide_receptor_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_6180 Hhon_g07696.t1 natriuretic_peptide_receptor_1 metacells HoiH23 OG_6180 HoiH23_PIH23_003833-RA natriuretic_peptide_receptor_1 10 metacells



Tadh OG_8182 Tadh_TriadT57193 $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 metacells TrH2 OG_8182 TrH2_TrispH2_003275-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 metacells Hhon OG_8182 Hhon_g04629.t1 $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ metacells HoiH23 OG_8182 HoiH23_PIH23_010698-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ metacells HoiH23 OG_8182 HoiH23_PIH23_005534-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ metacells HoiH23 OG_8182 HoiH23_PIH23_005535-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 metacells HoiH23 OG_8182 HoiH23_PIH23_005536-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ $\begin{smallmatrix} & +4 \\ & +6$ metacells

 $^{-4}$

Tadh OG_9183 Tadh_TriadT27547 protein_tyrosine_kinase_2,protein_tyrosine_kinase_2_beta --unr-u-tatravuuvuuuvuvuuvuuvuuvuuvuuvuu aataavassassassassassassa tatravuutta 100 100 100 100 100 100 100 100 metacells TrH2 OG_9183 TrH2_TrispH2_004472-RA protein_tyrosine_kinase_2,protein_tyrosine_kinase_2_beta 10 metacells Hhon OG_9183 Hhon_g09737.t1 protein_tyrosine_kinase_2,protein_tyrosine_kinase_2_beta -4 + 7055 + 61232 + 61244 + 61232 + 61242 + 61232 +metacells HoiH23 OG_9183 HoiH23_PIH23_010160-RA protein_tyrosine_kinase_2,protein_tyrosine_kinase_2_beta

Tadh OG_10005 Tadh_TriadT59024 $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 metacells TrH2 OG_10005 TrH2_TrispH2_006904-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_2$ 10 -metacells Hhon OG_10005 Hhon_g02707.t1 gamma_aminobutyric_acid_type_B_receptor_subunit_2 metacells HoiH23 OG_10005 HoiH23_PIH23_010901-RA gamma_aminobutyric_acid_type_B_receptor_subunit_2 metacells

TrH2 OG_10202 TrH2_TrispH2_000786-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_1$ 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_10202 Hhon_g04947.t1 $gamma_aminobutyric_acid_type_B_receptor_subunit_1$ -4 + 7055 + 6052 + 60metacells HoiH23 OG_10202 HoiH23_PIH23_003856-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_1$ metacells

natriuretic_peptide_receptor_1 Tadh | no data TrH2 OG_10203 TrH2_TrispH2_000784-RA natriuretic_peptide_receptor_1 metacells Hhon OG_10203 Hhon_g04948.t1 natriuretic_peptide_receptor_1 HoiH23 OG_10203 HoiH23_PIH23_003854-RA natriuretic_peptide_receptor_1 metacells HoiH23_OG_10203 HoiH23_PIH23_003854-RA natriuretic_peptide_receptor_1