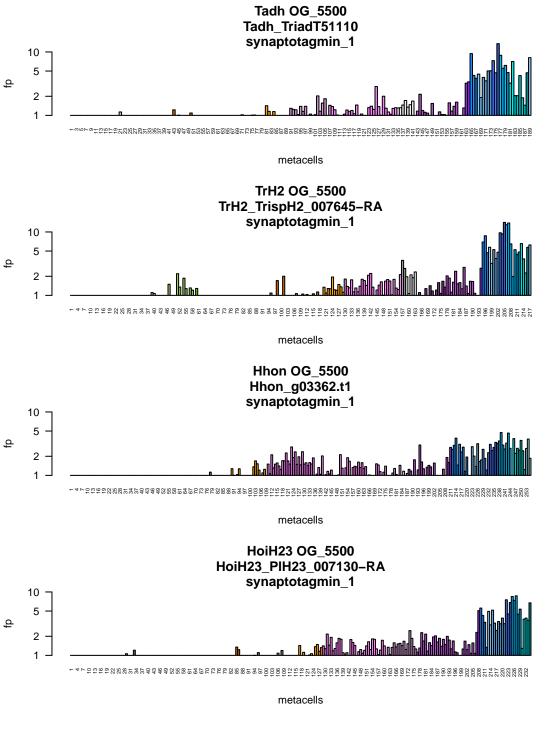
Tadh OG_3199 Tadh_TriadT56437 synaptotagmin_like_5 10 metacells TrH2 OG_3199 TrH2_TrispH2_008996-RA synaptotagmin_like_5 metacells Hhon OG_3199 Hhon_g05394.t1 synaptotagmin_like_5 metacells HoiH23 OG_3199 HoiH23_PIH23_000292-RA synaptotagmin_like_5 10 metacells

Tadh OG_3747 Tadh_TriadT55048 $protein_tyrosine_phosphatase_receptor_type_N2$ 10 metacells TrH2 OG_3747 TrH2_TrispH2_005739-RA protein_tyrosine_phosphatase_receptor_type_N2 10 $\begin{smallmatrix} 1&4&5&5&5&5&5\\ 1&4&5&5&5&5&5\\ 2&5&5&5&5&5&5\\ 2&$ metacells **Hhon OG_3747** Hhon_g09428.t1 protein_tyrosine_phosphatase_receptor_type_N2 metacells HoiH23 OG_3747 HoiH23_PIH23_002447-RA $protein_tyrosine_phosphatase_receptor_type_N2$ 10

Tadh OG_4594 Tadh_TriadT51484 protein_tyrosine_phosphatase_receptor_type_R 10 metacells TrH2 OG_4594 TrH2_TrispH2_005229-RA $protein_tyrosine_phosphatase_receptor_type_R$ 10 - $\begin{smallmatrix} 1&4&5&5&5&5&5\\ 1&4&5&5&5&5&5\\ 2&5&5&5&5&5&5\\ 2&$ metacells Hhon OG_4594 Hhon_g08135.t1 protein_tyrosine_phosphatase_receptor_type_R -4 + 7055 + 6023 + 60metacells HoiH23 OG_4594 HoiH23_PIH23_008455-RA protein_tyrosine_phosphatase_receptor_type_R 10

Tadh OG_5499 Tadh_TriadT32942 synaptotagmin_7 10 metacells TrH2 OG_5499 TrH2_TrispH2_007647-RA synaptotagmin_7 10 metacells Hhon OG_5499 Hhon_g03364.t1 synaptotagmin_7 metacells HoiH23 OG_5499 HoiH23_PIH23_007128-RA synaptotagmin_7 10 metacells



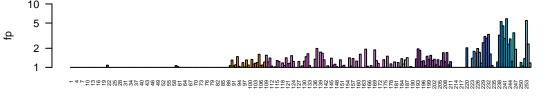
Tadh OG_5687 Tadh_TriadT59259 natriuretic_peptide_receptor_1,gamma_aminobutyric_acid_type_B_receptor_subunit_1 2 metacells **Tadh OG_5687** Tadh_TriadT29353 natriuretic_peptide_receptor_1,gamma_aminobutyric_acid_type_B_receptor_subunit_1 metacells TrH2 OG_5687 TrH2_TrispH2_002051-RA natriuretic_peptide_receptor_1,gamma_aminobutyric_acid_type_B_receptor_subunit_1 metacells **Hhon OG_5687** Hhon_g00715.t1 natriuretic_peptide_receptor_1,gamma_aminobutyric_acid_type_B_receptor_subunit_1 $^{-4} + ^{0} +$ metacells HoiH23 OG_5687 HoiH23_PIH23_009782-RA natriuretic_peptide_receptor_1,gamma_aminobutyric_acid_type_B_receptor_subunit_1 $\begin{smallmatrix} & +4 \\ & +6$ metacells HoiH23 OG_5687 HoiH23_PIH23_009783-RA natriuretic_peptide_receptor_1,gamma_aminobutyric_acid_type_B_receptor_subunit_1

Tadh OG_8261 Tadh_TriadT61926 gamma_aminobutyric_acid_type_B_receptor_subunit_1 10 metacells TrH2 OG_8261 TrH2_TrispH2_011116-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_1$ 10 -metacells Hhon OG_8261 Hhon_g05112.t1 $gamma_aminobutyric_acid_type_B_receptor_subunit_1$ $^{-4}{}^{+}$ metacells HoiH23 OG_8261 HoiH23_PIH23_008392-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_1$ metacells

Tadh OG_186 Tadh_TriadT22195 y_subunit_beta_1,calcium_voltage_gated_channel_auxiliary_subunit_beta_4,calcium_volta 2 metacells TrH2 OG_186 TrH2_TrispH2_007753-RA y_subunit_beta_1,calcium_voltage_gated_channel_auxiliary_subunit_beta_4,calcium_volta metacells Hhon OG_186 Hhon_g00617.t1 y_subunit_beta_1,calcium_voltage_gated_channel_auxiliary_subunit_beta_4,calcium_volta $^{-4}{}^{+}$ metacells HoiH23 OG_186 HoiH23_PIH23_000883-RA y_subunit_beta_1,calcium_voltage_gated_channel_auxiliary_subunit_beta_4,calcium_volta 2 $^{-4} \\ \text{$^{+2}$} \\ \text{$^{+2}$ metacells

metacells

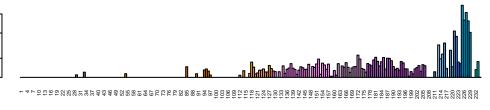
Hhon OG_1984 Hhon_g07161.t1

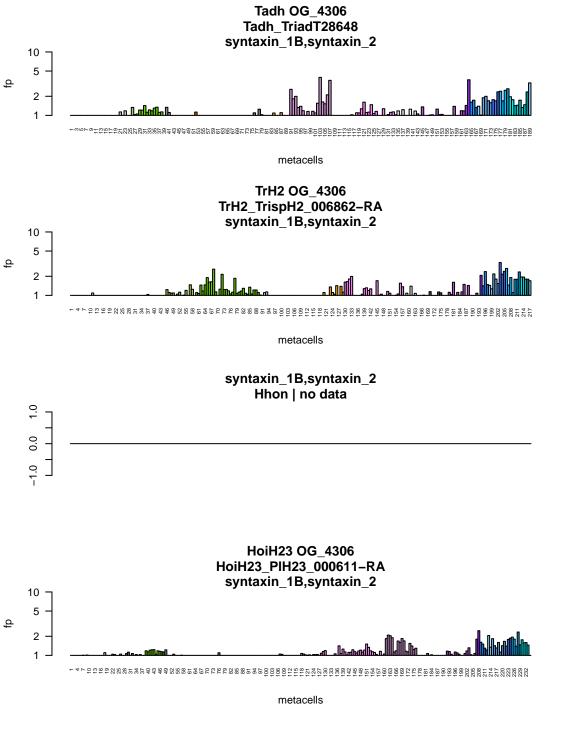


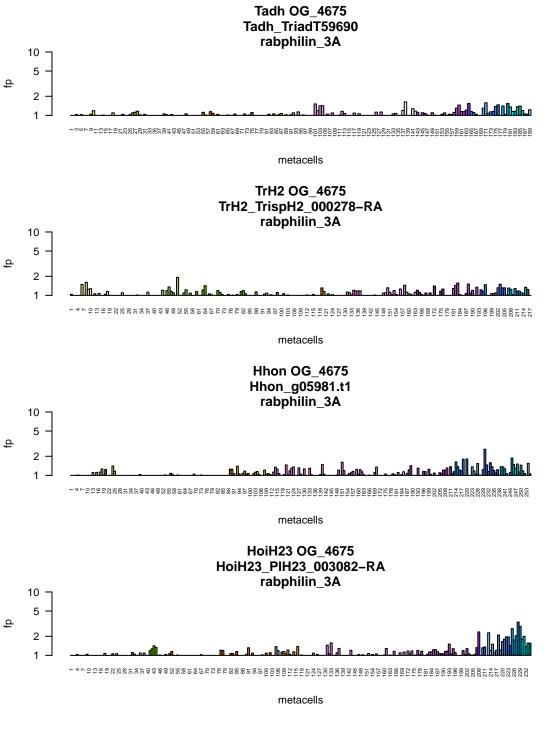
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HoiH23 OG_1984 HoiH23_PIH23_004923-RA

metacells

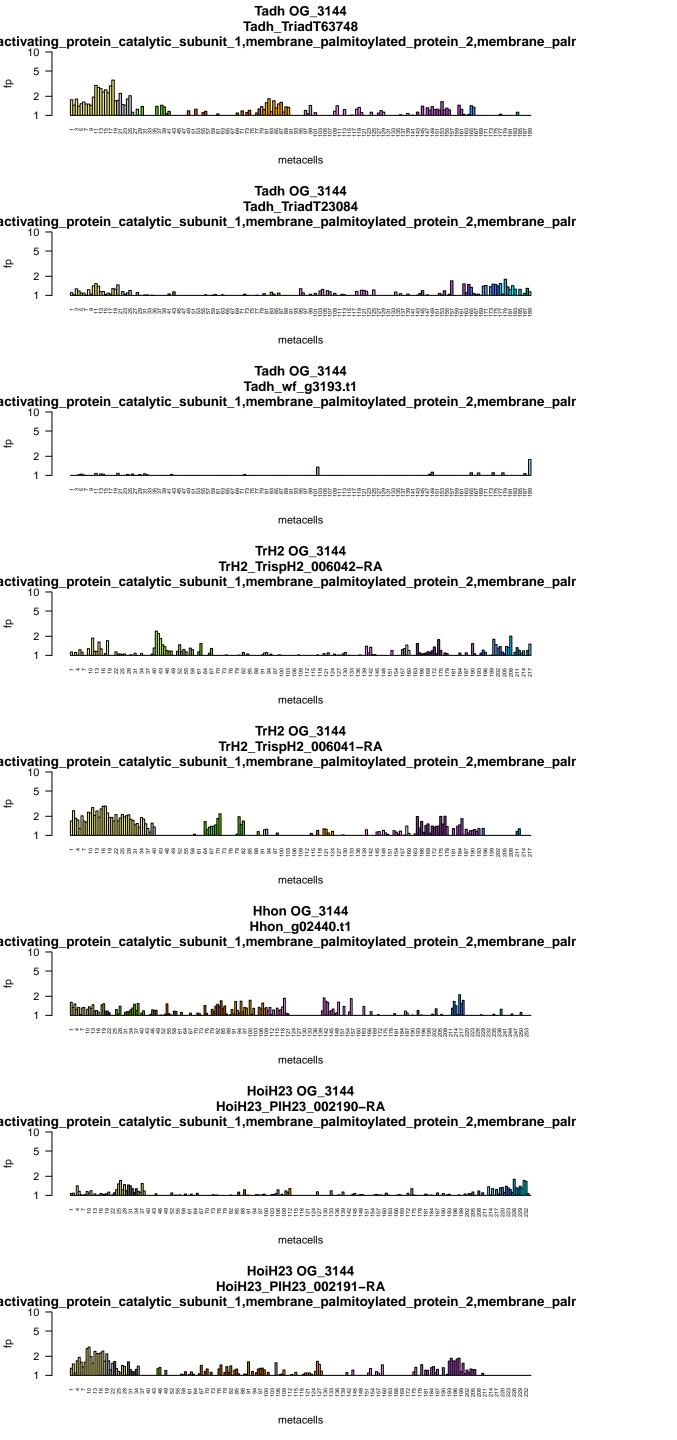




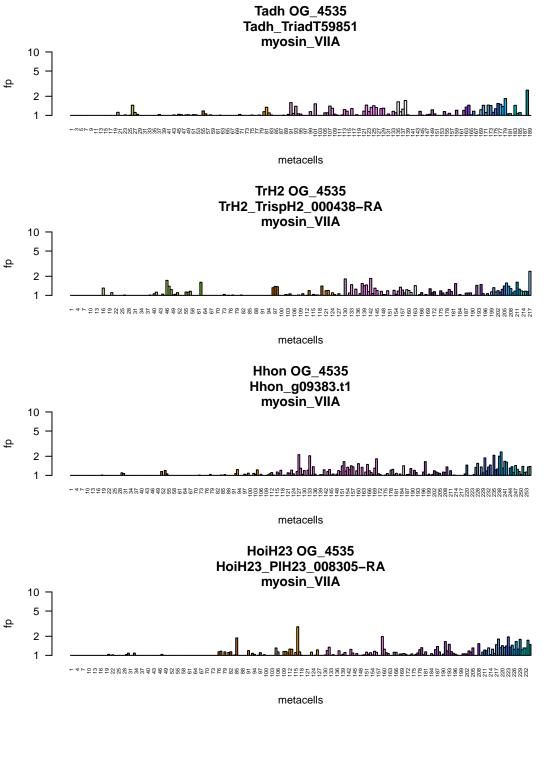


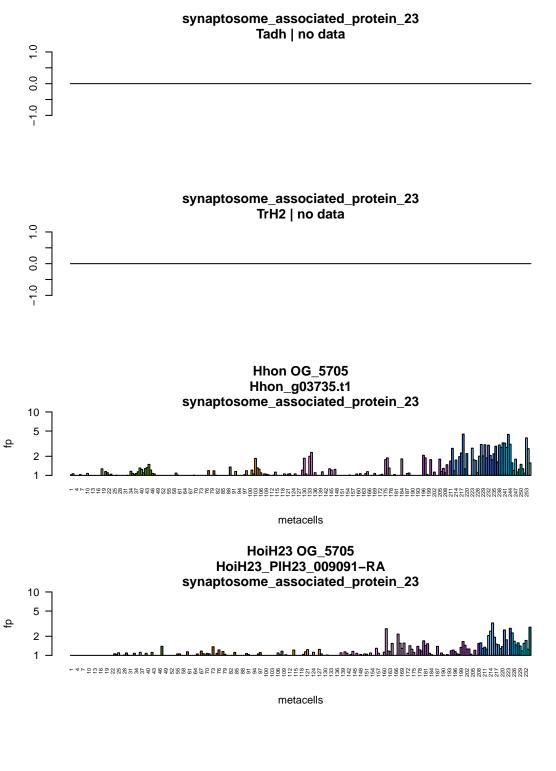
Tadh OG_5657 Tadh_TriadT63821 RAS_p21_protein_activator_3 10 metacells TrH2 OG_5657 TrH2_TrispH2_001719-RA RAS_p21_protein_activator_3 10 metacells Hhon OG_5657 Hhon_g06711.t1 RAS_p21_protein_activator_3 metacells HoiH23 OG_5657 HoiH23_PIH23_008536-RA RAS_p21_protein_activator_3 10 metacells

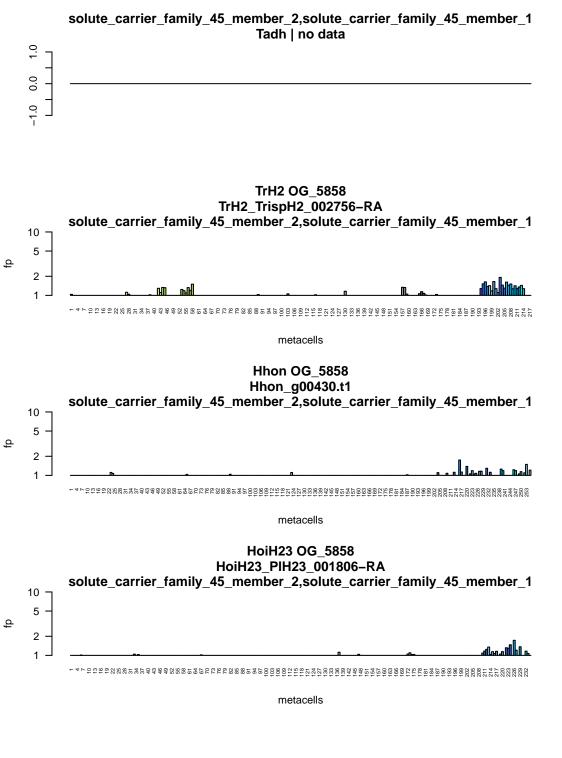
Tadh OG_10746 Tadh_TriadT60504 BAI1_associated_protein_3 10 metacells TrH2 OG_10746 TrH2_TrispH2_006160-RA BAI1_associated_protein_3 10 metacells Hhon OG_10746 Hhon_g03867.t1 BAI1_associated_protein_3 metacells HoiH23 OG_10746 HoiH23_PIH23_004069-RA BAI1_associated_protein_3 10 metacells



Tadh OG_4114 Tadh_TriadT61664 $extended_synaptotagmin_2, CD82_molecule, tetraspanin_11$ 10 -eer-e-ee metacells TrH2 OG_4114 TrH2_TrispH2_008105-RA ded_synaptotagmin_2,CD82_molecule,tetraspanin_11 metacells Hhon OG_4114 Hhon_g05559.t1 $extended_synaptotagmin_2, CD82_molecule, tetraspanin_11$ $^{-4}{}^{+}$ metacells Hhon OG_4114 Hhon_g05560.t1 extended_synaptotagmin_2,CD82_molecule,tetraspanin_11 $^{-4} + ^{0} +$ metacells HoiH23 OG_4114 HoiH23_PIH23_004937-RA $extended_synaptotagmin_2, CD82_molecule, tetraspanin_11$ 10 metacells HoiH23 OG_4114 HoiH23_PIH23_004938-RA $extended_synaptotagmin_2, CD82_molecule, tetraspanin_11$ metacells





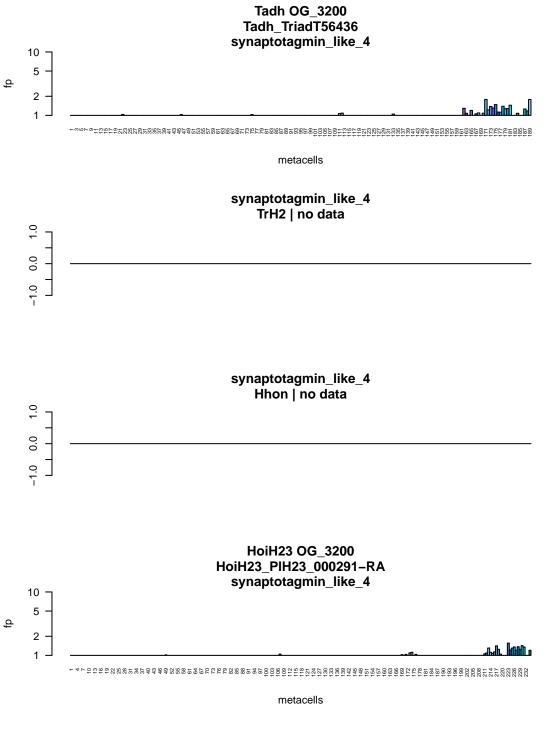


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metacells

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

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



Tadh OG_3728 Tadh_TriadT23350 myloid_beta_precursor_protein_binding_family_A_member_2,stress_induced_phosphoprot 2 -anr-a-tark-a-vuuvuussys-aaata euneparaseasea-tark-a-aaapa-aasea-2556-a-tark-a-vuuvuussys-aataata-a-aagapa-aapa metacells **Tadh OG_3728** Tadh_TriadT23199 าสนา_ กาสนา ๔๖ เษษ myloid_beta_precursor_protein_binding_family_A_member_2,stress_induced_phosphoprot 10 ¬ metacells TrH2 OG_3728 TrH2_TrispH2_006762-RA myloid_beta_precursor_protein_binding_family_A_member_2,stress_induced_phosphoprot metacells **Hhon OG_3728** Hhon_g08341.t1 myloid_beta_precursor_protein_binding_family_A_member_2,stress_induced_phosphoprof metacells HoiH23 OG_3728 HoiH23_PIH23_004813-RA myloid_beta_precursor_protein_binding_family_A_member_2,stress_induced_phosphoprot 2

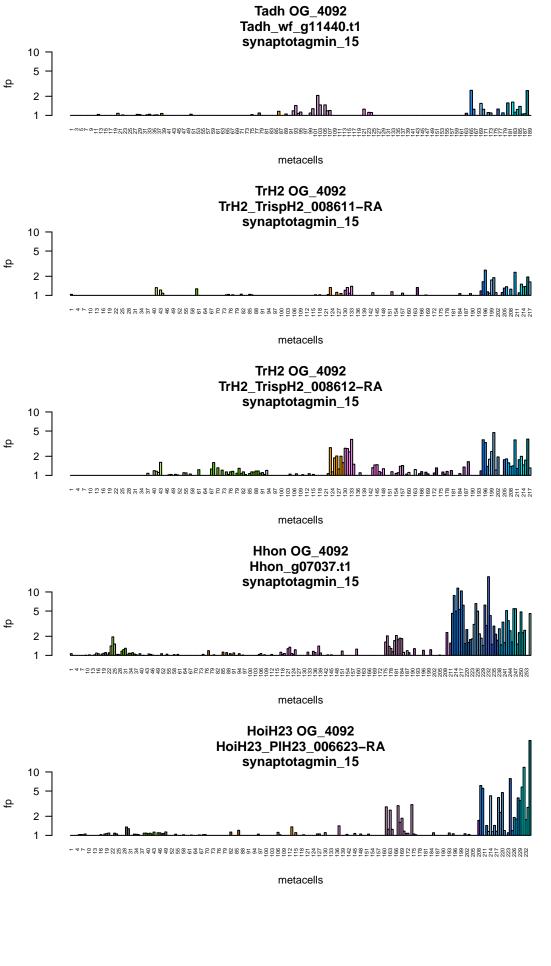
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Tadh OG_3858 Tadh_TriadT26894 dishevelled_segment_polarity_protein_3, dishevelled_segment_polarity_protein_2 2 metacells Tadh OG_3858 Tadh_wf_g6315.t1 dishevelled_segment_polarity_protein_3,dishevelled_segment_polarity_protein_2 metacells TrH2 OG_3858 TrH2_TrispH2_009138-RA dishevelled_segment_polarity_protein_3,dishevelled_segment_polarity_protein_2 metacells Hhon OG_3858 Hhon_g01922.t1 $dishevelled_segment_polarity_protein_3, dishevelled_segment_polarity_protein_2$ 10 2 $^{-4} + ^{0} +$ metacells HoiH23 OG_3858 HoiH23_PIH23_001486-RA dishevelled_segment_polarity_protein_3,dishevelled_segment_polarity_protein_2 2 metacells

ф

Tadh OG_3902 Tadh_TriadT58203 regulating_synaptic_membrane_exocytosis_2,regulating_synaptic_membrane_exocytosis metacells **Tadh OG_3902** Tadh_TriadT58201 regulating_synaptic_membrane_exocytosis_2,regulating_synaptic_membrane_exocytosis metacells **Tadh OG_3902** Tadh_TriadT58202 regulating_synaptic_membrane_exocytosis_2,regulating_synaptic_membrane_exocytosis metacells **Tadh OG_3902** Tadh_TriadT58200 metacells TrH2 OG_3902 TrH2_TrispH2_000666-RA regulating_synaptic_membrane_exocytosis_2,regulating_synaptic_membrane_exocytosis $\begin{smallmatrix} 1&4&5&5&5&5&5\\1&4&5&5&5&5&$ metacells Hhon OG_3902 Hhon_g00025.t1 regulating_synaptic_membrane_exocytosis_2,regulating_synaptic_membrane_exocytosis_10 ¬ metacells HoiH23 OG_3902 HoiH23_PIH23_008516-RA regulating_synaptic_membrane_exocytosis_2,regulating_synaptic_membrane_exocytosis $\begin{smallmatrix} & +4 \\ & +6$ metacells

Tadh OG_3947 Tadh_TriadT59303 solute_carrier_family_6_member_12,solute_carrier_family_6_member_13 10 2 · metacells TrH2 OG_3947 TrH2_TrispH2_007345-RA $solute_carrier_family_6_member_12, solute_carrier_family_6_member_13$ 10 $\begin{smallmatrix} 1&4&5&5&5&5&5\\ 1&4&5&5&5&5&5\\ 2&5&5&5&5&5&5\\ 2&$ metacells Hhon OG_3947 Hhon_g09021.t1 solute_carrier_family_6_member_12,solute_carrier_family_6_member_13 $^{-4}{}^{+}$ metacells HoiH23 OG_3947 HoiH23_PIH23_007652-RA solute_carrier_family_6_member_12,solute_carrier_family_6_member_13 10







Tadh OG_4420 Tadh_TriadT55385 aminobutyric_acid_type_B_receptor_subunit_1,gamma_aminobutyric_acid_type_B_receptor_subunit_1,gamma_aminobutyric_acid_type_B_receptor_subunit_1,gamma_aminobutyric_acid_type_b_receptor_subunit_1,ga 2 metacells TrH2 OG_4420 TrH2_TrispH2_004695-RA aminobutyric_acid_type_B_receptor_subunit_1,gamma_aminobutyric_acid_type_B_receptor_subunit_1 aminobutyric_acid_type_B_receptor_subunit_1,gamma_aminobutyric_acid_type_B_receptor Hhon | no data HoiH23 OG_4420 HoiH23_PIH23_010723-RA aminobutyric_acid_type_B_receptor_subunit_1,gamma_aminobutyric_acid_type_B_receptor_subunit_1.

Tadh OG_5355 Tadh_TriadT56940 protein_tyrosine_phosphatase_domain_containing_1 10 metacells TrH2 OG_5355 TrH2_TrispH2_004243-RA protein_tyrosine_phosphatase_domain_containing_1 10 metacells Hhon OG_5355 Hhon_g05675.t1 protein_tyrosine_phosphatase_domain_containing_1 metacells HoiH23 OG_5355 HoiH23_PIH23_007054-RA protein_tyrosine_phosphatase_domain_containing_1 metacells

Tadh OG_6180 Tadh_TriadT28471 natriuretic_peptide_receptor_1 10 metacells TrH2 OG_6180 TrH2_TrispH2_003698-RA natriuretic_peptide_receptor_1 $\begin{smallmatrix} 1&4&5&5&5&5&5\\ 1&4&5&5&5&5&5\\ 2&5&5&5&5&5&5\\ 2&$ 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_6393 Tadh_TriadT55897 sorbin_and_SH3_domain_containing_1 10 metacells TrH2 OG_6393 TrH2_TrispH2_010311-RA sorbin_and_SH3_domain_containing_1 metacells Hhon OG_6393 Hhon_g03284.t1 sorbin_and_SH3_domain_containing_1 metacells HoiH23 OG_6393 HoiH23_PIH23_002040-RA sorbin_and_SH3_domain_containing_1 metacells

Tadh OG_7123 Tadh_TriadT55409 PDZ_domain_containing_ring_finger_3 10 metacells TrH2 OG_7123 TrH2_TrispH2_004716-RA PDZ_domain_containing_ring_finger_3 $\begin{smallmatrix} 1&4&5&5&5&5&5\\ 1&4&5&5&5&5&5\\ 2&5&5&5&5&5&5\\ 2&$ metacells Hhon OG_7123 Hhon_g09054.t1 PDZ_domain_containing_ring_finger_3 -4 + 7055 + 6023 + 60metacells HoiH23 OG_7123 HoiH23_PIH23_007601-RA PDZ_domain_containing_ring_finger_3 10

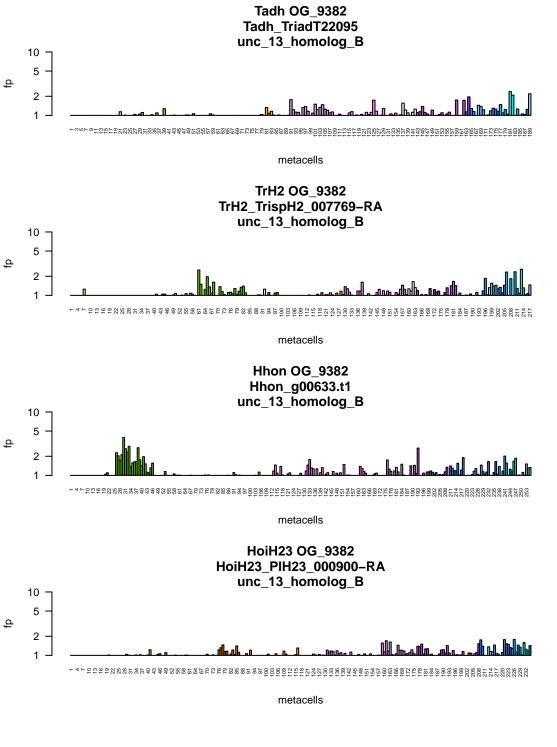
Tadh OG_7190 Tadh_TriadT31933 but yryl choline sterase10 --unr-u-tatravuuvuuuvuvuuvuuvuuvuuvuuvuu aataavassassassassassassassa tatravuutta 1999-1999-1999-1999-1999-199 metacells TrH2 OG_7190 TrH2_TrispH2_010570-RA butyrylcholinesterase metacells Hhon OG_7190 Hhon_g01153.t1 butyrylcholinesterase metacells HoiH23 OG_7190 HoiH23_PIH23_010957-RA but yryl choline sterase10 metacells

Tadh OG_7585 Tadh_TriadT36003 solute_carrier_family_17_member_6 10 metacells TrH2 OG_7585 TrH2_TrispH2_001824-RA solute_carrier_family_17_member_6 10 metacells Hhon OG_7585 Hhon_g11731.t1 solute_carrier_family_17_member_6 -4 + 7055 + 6023 + 60metacells Hhon OG_7585 Hhon_g10108.t1 solute_carrier_family_17_member_6 10 metacells HoiH23 OG_7585 HoiH23_PIH23_000319-RA solute_carrier_family_17_member_6 metacells

Tadh OG_7909 Tadh_TriadT18577 FERM_domain_containing_6,FERM_domain_containing_1 10 metacells TrH2 OG_7909 TrH2_TrispH2_009055-RA FERM_domain_containing_6,FERM_domain_containing_1 10 metacells Hhon OG_7909 Hhon_g03085.t1 FERM_domain_containing_6,FERM_domain_containing_1 metacells HoiH23 OG_7909 HoiH23_PIH23_006873-RA FERM_domain_containing_6,FERM_domain_containing_1 10 metacells

Tadh OG_8202 Tadh_TriadT54453 trafficking_regulator_and_scaffold_protein_tamalin 10 metacells TrH2 OG_8202 TrH2_TrispH2_007266-RA trafficking_regulator_and_scaffold_protein_tamalin 10 metacells Hhon OG_8202 Hhon_g04087.t1 trafficking_regulator_and_scaffold_protein_tamalin metacells HoiH23 OG_8202 HoiH23_PIH23_008764-RA trafficking_regulator_and_scaffold_protein_tamalin 10 metacells

Tadh OG_8999 Tadh_wf_g1014.t1 rotein_tyrosine_phosphatase_receptor_type_Z1,protein_tyrosine_phosphatase_receptor_ty 2 metacells TrH2 OG_8999 TrH2_TrispH2_001036-RA metacells Hhon OG_8999 Hhon_g02885.t1 rotein_tyrosine_phosphatase_receptor_type_Z1,protein_tyrosine_phosphatase_receptor_ty $^{-4}{}^{+}$ metacells HoiH23 OG_8999 HoiH23_PIH23_008288-RA rotein_tyrosine_phosphatase_receptor_type_Z1,protein_tyrosine_phosphatase_receptor_ty metacells



Tadh OG_9485 Tadh_TriadT27557 t_SNARE_domain_containing_1 10 metacells TrH2 OG_9485 TrH2_TrispH2_000530-RA t_SNARE_domain_containing_1 10 metacells Hhon OG_9485 Hhon_g00160.t1 t_SNARE_domain_containing_1 metacells HoiH23 OG_9485 HoiH23_PIH23_007766-RA t_SNARE_domain_containing_1 10

Tadh OG_9488 Tadh_TriadT58348 solute_carrier_family_46_member_1 metacells TrH2 OG_9488 TrH2_TrispH2_002872-RA solute_carrier_family_46_member_1 10 -metacells Hhon OG_9488 Hhon_g05028.t1 solute_carrier_family_46_member_1 -4 + 7055 + 6023 + 60metacells HoiH23 OG_9488 HoiH23_PIH23_009221-RA solute_carrier_family_46_member_1 10

TrH2 OG_10202 TrH2_TrispH2_000786-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_1$ 10 $\begin{smallmatrix} 1&4&5&5&5&5&5\\ 1&4&5&5&5&5&5\\ 2&5&5&5&5&5&5\\ 2&$ metacells Hhon OG_10202 Hhon_g04947.t1 $gamma_aminobutyric_acid_type_B_receptor_subunit_1$ -4 + 7055 + 6023 + 60metacells HoiH23 OG_10202 HoiH23_PIH23_003856-RA $gamma_aminobutyric_acid_type_B_receptor_subunit_1$ metacells