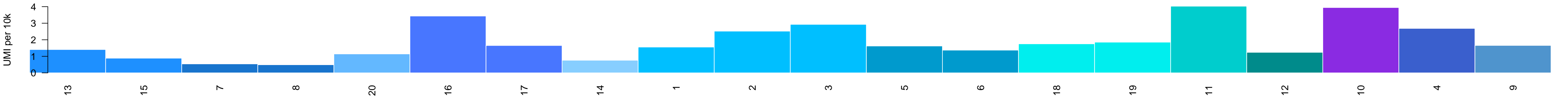
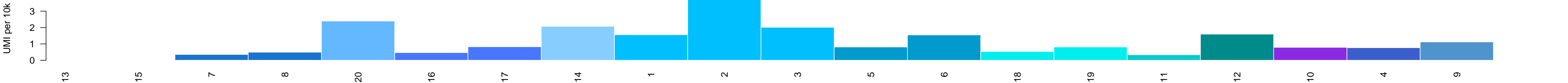


syntaxin_8 |
HoiH23_PIH23_000107

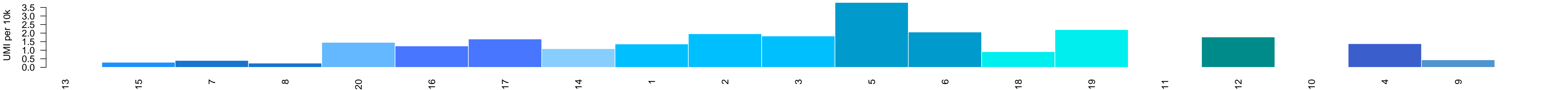


calcium_voltage_gated_channel_subunit_alpha1_C | Ion_trans/Ion_trans/Ion_trans/Ion_trans/GPHH/Ca_chan_IQ/
HoiH23_PIH23_000152

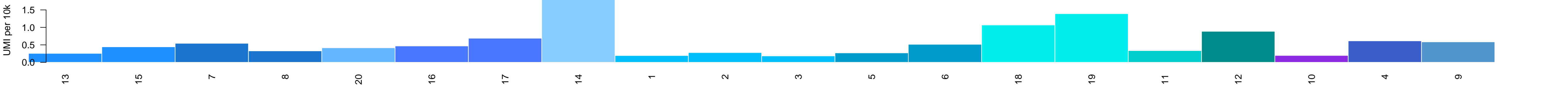




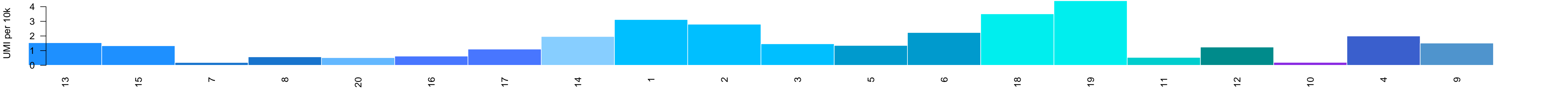
**synaptotagmin_like_5 | C2/
HoiH23_PIH23_000292**



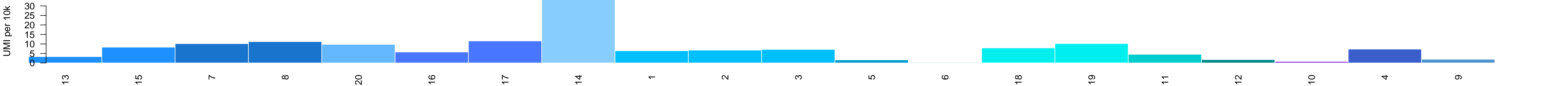
**solute_carrier_family_17_member_6 | MFS_1/
HoiH23_PIH23_000319**



spectrin_alpha_non_erythrocytic_1 | Spectrin/Spectrin/Spectrin/Spectrin/Spectrin/Spectrin/Spe...
HoiH23_PIH23_000457



proprotein_convertase_subtilisin_kexin_type_1 | S8_pro-domain/Peptidase_S8/P_proprotein/
HoiH23_PIH23_000508



homer_scaffold_protein_2 | WH1/
HoiH23_PIH23_000540

UMI per 10k

4
3
2
1
0



13

15

7

8

20

16

17

14

1

2

3

5

6

18

19

11

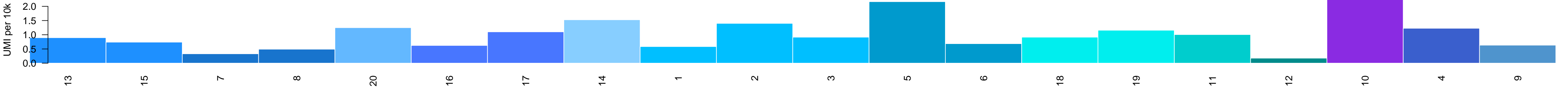
12

10

4

9

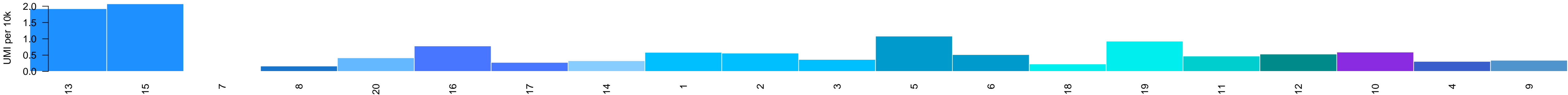
**syntaxin_1B | Syntaxin/SNARE/
HoiH23_PIH23_000611**



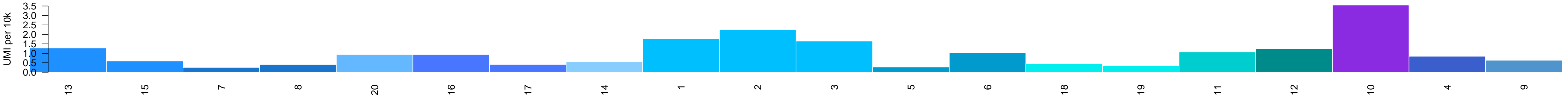
**syntaxin_1B | Syntaxin/SNARE/
HoiH23_PIH23_000613**



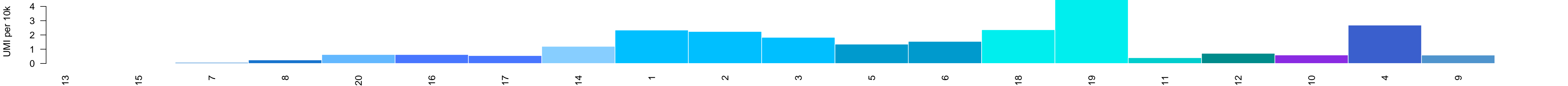
membrane_bound_transcription_factor_peptidase_site_1 | Peptidase_S8/
HoiH23_PIH23_000747



**syntaxin_16 | Syntaxin/SNARE/
HoiH23_PIH23_000791**

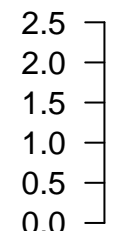


potassium_voltage_gated_channel_subfamily_B_member_2 | BTB_2/Ion_trans/
HoiH23_PIH23_001059



DLG_associated_protein_5 | GKAP/
HoiH23_PIH23_001091

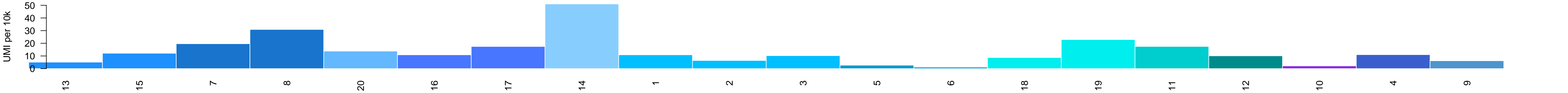
UMI per 10k

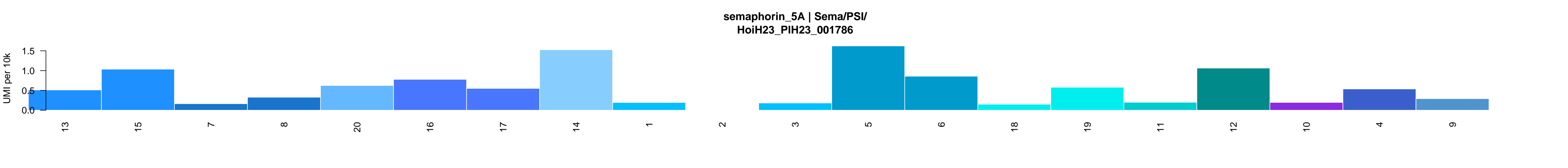


signal_induced_proliferation_associated_1_like_1 | Rap_GAP/
HoiH23_PIH23_001245

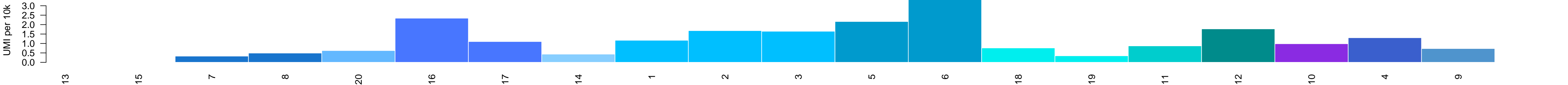


carboxypeptidase_D | Peptidase_M14/CarboxypepD_reg/
HoiH23_PIH23_001655

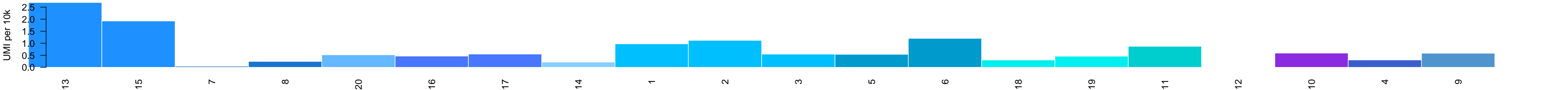




potassium_voltage_gated_channel_subfamily_C_member_1 | BTB_2/Ion_trans/
HoiH23_PIH23_002305



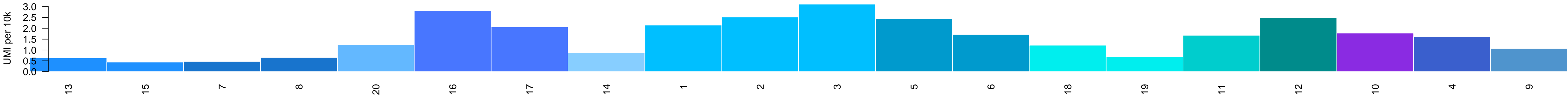
SEC22_homolog_B_vesicle_trafficking_protein | Longin/Synaptobrevin/
HoiH23_PIH23_002539



calcium_dependent_secretion_activator | PH/
HoiH23_PIH23_002586



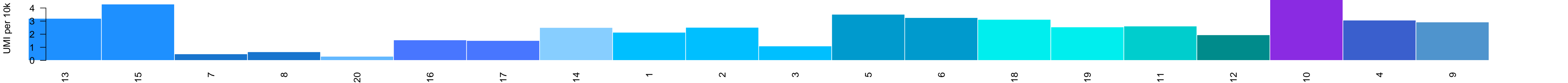
calcium_voltage_gated_channel_subunit_alpha1_C | Ion_trans/Ion_trans/Ion_trans/Ion_trans/GPHH/Ca_chan_IQ/
HoiH23_PIH23_002645



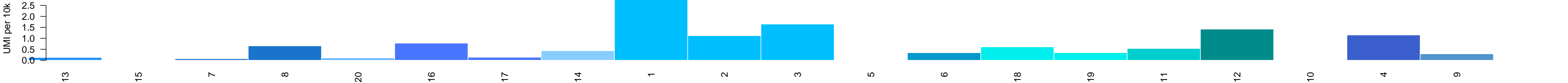
CASK_interacting_protein_1 | Ank_2/Ank_2/SAM_1/SAM_1/
HoiH23_PIH23_002863



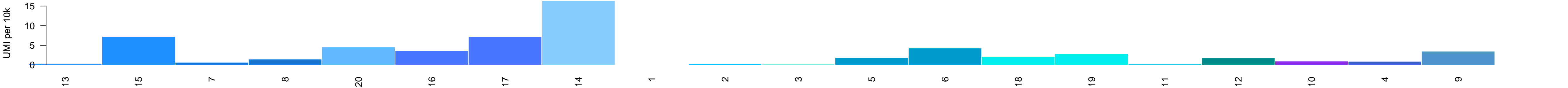
**synaptogyrin_2 | MARVEL/
HoiH23_PIH23_002926**



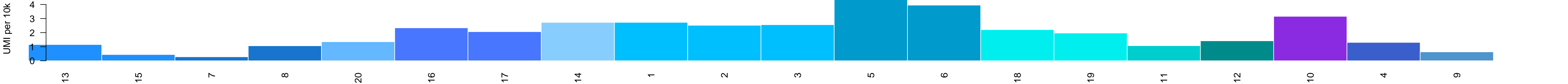
calcium_voltage_gated_channel_subunit_alpha1_I | lon_trans/lon_trans/lon_trans/lon_trans/
HoiH23_PIH23_002937



peptidylglycine_alpha_amidating_monooxygenase | Cu2_monooxygen/Cu2_monoox_C/NHL/
HoiH23_PIH23_003048



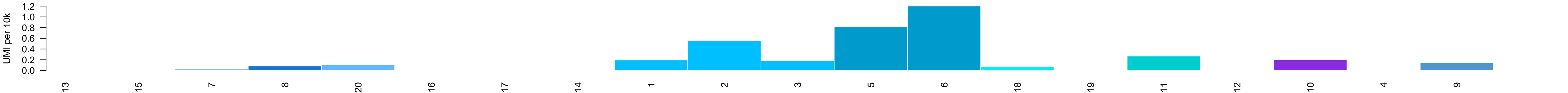
**rabphilin_3A | FYVE_2/C2/C2/
HoiH23_PIH23_003082**



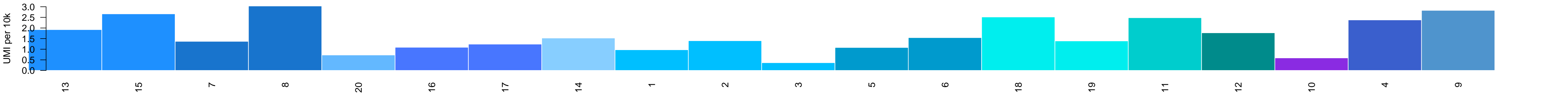
novel_protein | Synaptobrevin/
HoiH23_PIH23_003168



**solute_carrier_family_6_member_1 | SNF/
HoiH23_PIH23_003774**



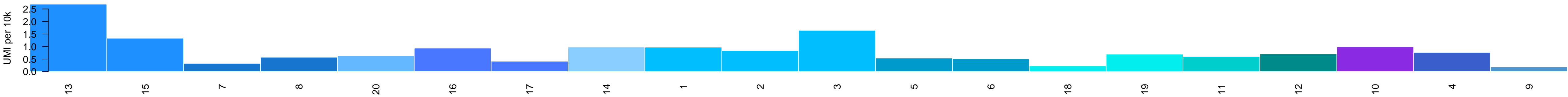
lin_7_homolog_C_crums_cell_polarity_complex_component | L27/PDZ/
HoiH23_PIH23_004288



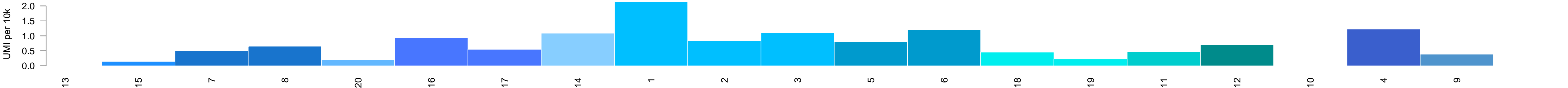
glutamate_decarboxylase_1 | Pyridoxal_deC/
HoiH23_PIH23_004495



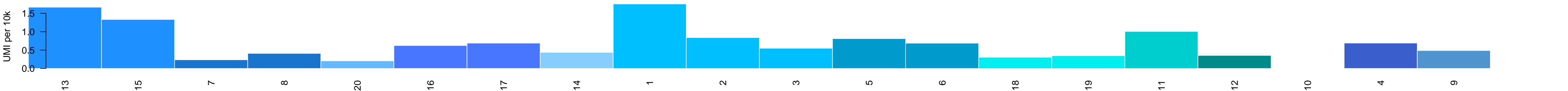
**syntxin_5 | Syntxin-5_N/SNARE/
HoiH23_PIH23_004574**



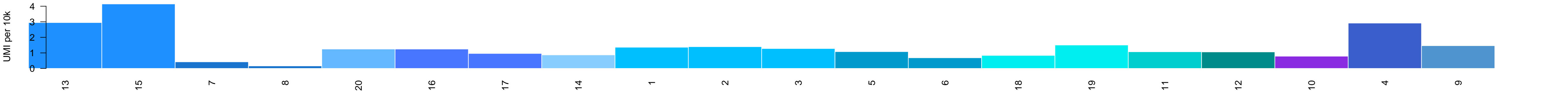
vesicle_associated_membrane_protein_4 | Synaptobrevin/
HoiH23_PIH23_004728



syntaxin_18 |
HoiH23_PIH23_004921



YKT6_v_SNARE_homolog | Longin/Synaptobrevin/
HoiH23_PIH23_004927



solute_carrier_family_1_member_2 | SDF/
HoiH23_PIH23_005270



netrin_1 | Laminin_EGF/Laminin_EGF/NTR/
HoiH23_PIH23_005368

UMI per 10k

2.5
2.0
1.5
1.0
0.5
0.0

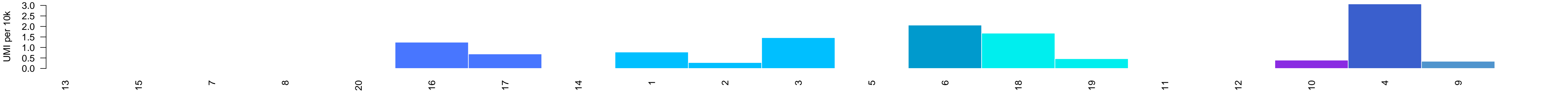
13 15 7 8 20 16 17 14 1 2 3 5 6 18 19 11 12 10 4 9



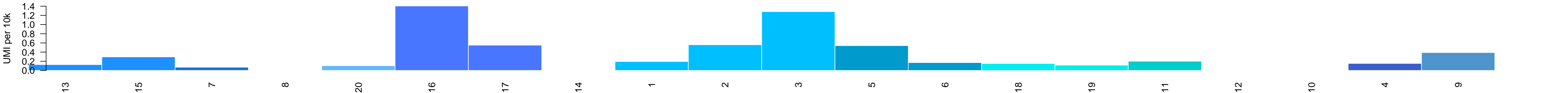
carboxypeptidase_D | Peptidase_M14/CarboxypepD_reg/
HoiH23_PIH23_005410



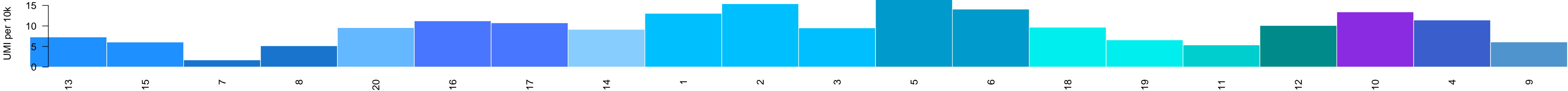
contactin_6 | l-set/lg_3/lg_3/fn3/fn3/fn3/Bravo_FIGEY/
HoiH23_PIH23_005657

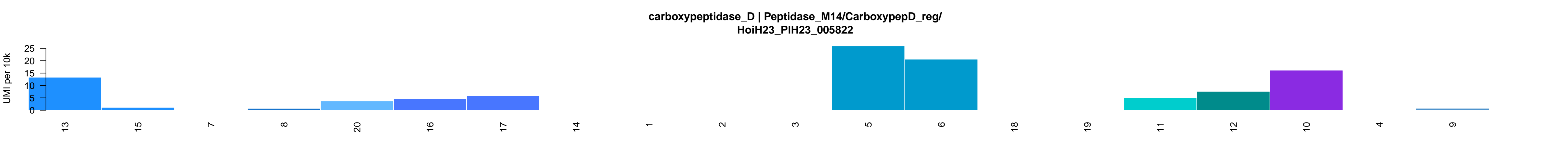


**syntaxin_1B | Syntaxin/SNARE/
HoiH23_PIH23_005778**



novel_protein | Synaptobrevin/
HoiH23_PIH23_005786





carboxypeptidase_D | Peptidase_M14/CarboxypepD_reg/
HoiH23_PIH23_005823



**solute_carrier_family_6_member_5 | SNF/
HoiH23_PIH23_005836**



**solute_carrier_family_6_member_13 | SNF/
HoiH23_PIH23_005938**

UMI per 10k

1.5
1.0
0.5
0.0

13

15

7

8

20

16

17

14

1

2

3

5

6

18

19

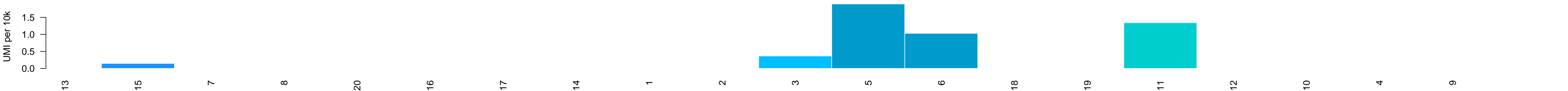
11

12

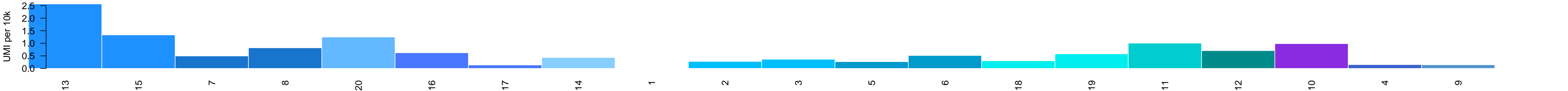
10

4

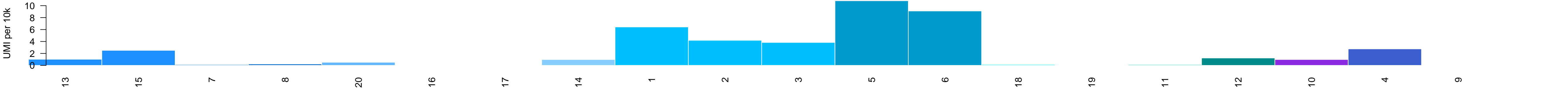
9



**solute_carrier_family_6_member_13 | SNF/
HoiH23_PIH23_005939**



FERM_and_PDZ_domain_containing_1 | WW/
HoiH23_PIH23_006040



calcium_sensing_receptor | ANF_receptor/NCD3G/7tm_3/
HoiH23_PIH23_006254

UMI per 10k

0.8
0.6
0.4
0.2
0.0



13

15

7

8

20

16

17

14

1

2

3

5

6

18

19

11

12

10

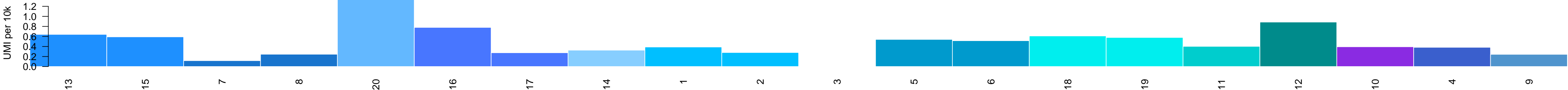
4

9

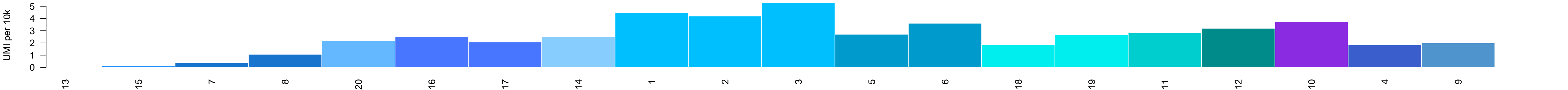
roundabout_guidance_receptor_1 | l-set/l-set/l-set/lg_3/l-set/fn3/
HoiH23_PIH23_006283



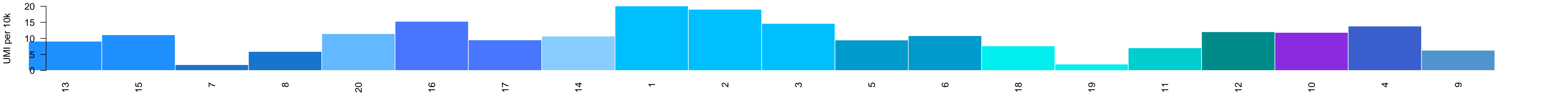
**synaptogyrin_1 | MARVEL/
HoiH23_PIH23_007060**



**synaptotagmin_7 | C2/C2/
HoiH23_PIH23_007128**



**synaptotagmin_1 | C2/C2/
HoiH23_PIH23_007130**

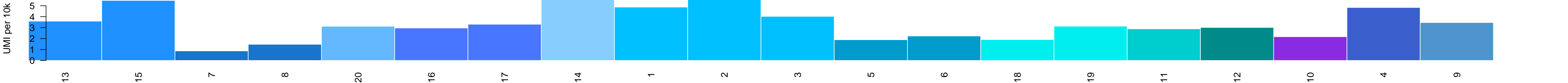


slit_guidance_ligand_2 | LRRNT/LRR_8/LRRNT/LRR_8/LRR_8/LRRCT/LRR_8/LRRNT/LRR_8/LRR...
HoiH23_PIH23_007405

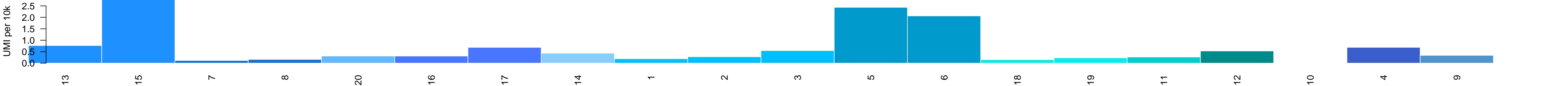




t_SNARE_domain_containing_1 | Syntaxin_2/SNARE/
HoiH23_PIH23_007766



membrane_associated_guanylate_kinase_WW_and_PDZ_domain_containing_3 | PDZ/Guanylate_kin/WW/PDZ/PDZ/PDZ/PDZ/
HoiH23_PIH23_007923

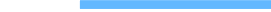


calcium_sensing_receptor | ANF_receptor/7tm_3/
HoiH23_PIH23_007935

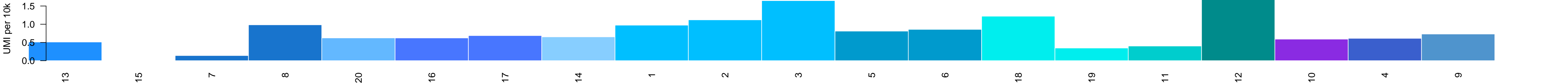
UMI per 10k

2.0
1.5
1.0
0.5
0.0

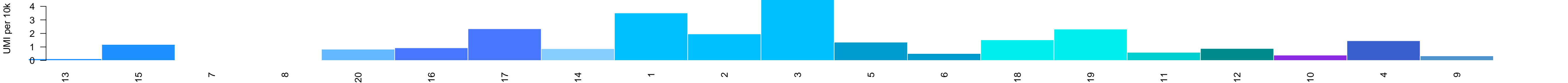
13 15 7 8 20 16 17 14 1 2 3 5 6 18 19 11 12 10 4 9



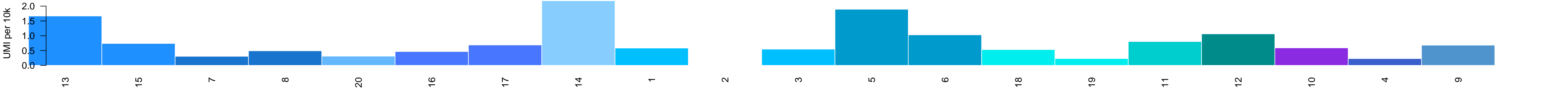
**syntxin_binding_protein_5_like | Lgl_C/Synaptobrevin/
HoiH23_PIH23_008002**



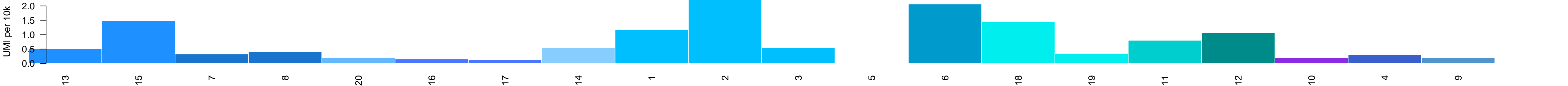
regulating_synaptic_membrane_exocytosis_2 | FYVE_2/C2/C2/
HoiH23_PIH23_008516



RIMS_binding_protein_2 | SH3_2/SH3_2/
HoiH23_PIH23_008635



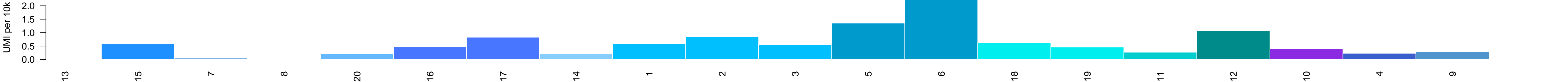
EPH_receptor_A5 | Ephrin_lbd/fn3/EphA2_TM/Pkinase_Tyr/SAM_1/
HoiH23_PIH23_009212



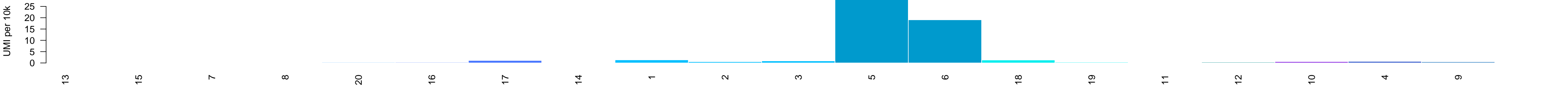
**syntaxin_binding_protein_4 | PDZ/PDZ/WW/
HoiH23_PIH23_009273**



DLG_associated_protein_1 | GKAP/
HoiH23_PIH23_009587



PTPRF_interacting_protein_alpha_1 | SAM_1/SAM_1/SAM_2/
HoiH23_PIH23_009857



spondin_1 | Spond_N/
HoiH23_PIH23_009913

UMI per 10k

1.0
0.8
0.6
0.4
0.2
0.0

13 15 7 8 20 16 17 14 1 2 3 5 6 18 19 11 12 10 4 9



calcium_sensing_receptor | ANF_receptor/NCD3G/7tm_3/
HoiH23_PIH23_010018



synaptic_vesicle_glycoprotein_2B | MFS_1/
HoiH23_PIH23_010464



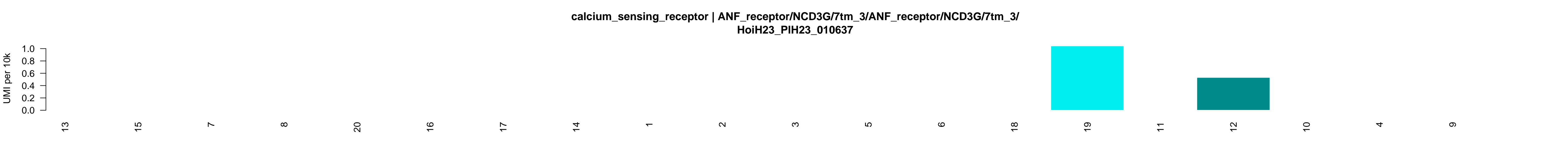
calcium_sensing_receptor | ANF_receptor/NCD3G/7tm_3/
HoiH23_PIH23_010633

UMI per 10k

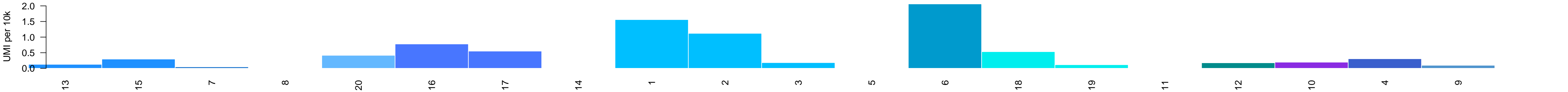
1.5
1.0
0.5
0.0

13 15 7 8 20 16 17 14 1 2 3 5 6 18 19 11 12 10 4 9

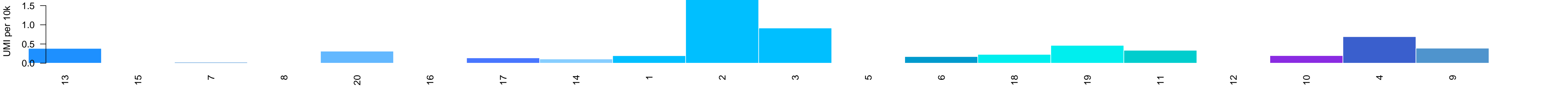




glutamate_ionotropic_receptor_kainate_type_subunit_2 | ANF_receptor/Lig_chan-Glu_bd/Lig_chan/
HoiH23_PIH23_010905



monooxygenase_DBH_like_1 | DOMON/Cu2_monooxygen/Cu2_monoox_C/DOMON/Cu2_monooxygen/Cu...
HoiH23_PIH23_010909

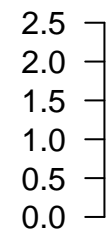


calcium_sensing_receptor | ANF_receptor/7tm_3/
HoiH23_PIH23_010912



calcium_sensing_receptor | ANF_receptor/NCD3G/7tm_3/
HoiH23_PIH23_010914

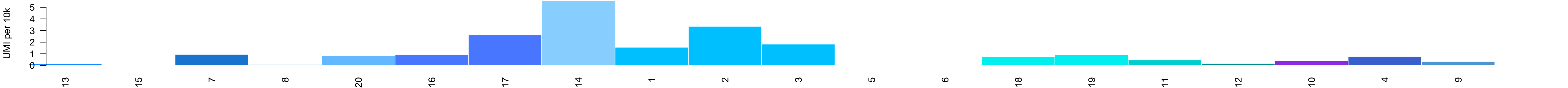
UMI per 10k



13 15 7 8 20 16 17 14 1 2 3 5 6 18 19 11 12 10 4 9

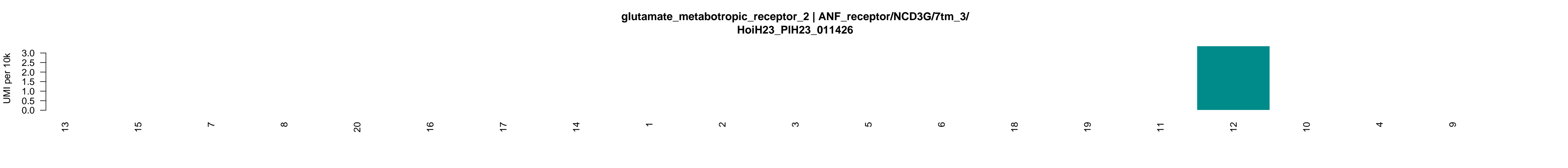


**solute_carrier_family_17_member_5 | MFS_1/
HoiH23_PIH23_010942**



monooxygenase_DBH_like_1 | DOMON/Cu2_monooxygen/Cu2_monoox_C/
HoiH23_PIH23_011018





glutamate_metabotropic_receptor_2 | NCD3G/7tm_3/
HoiH23_PIH23_011793

UMI per 10k

