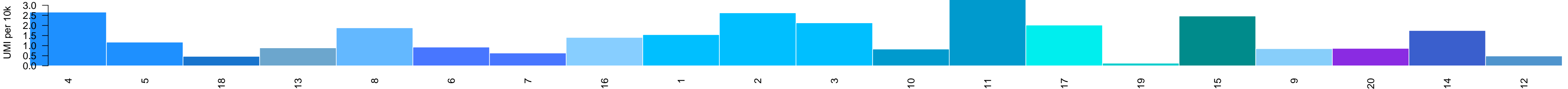
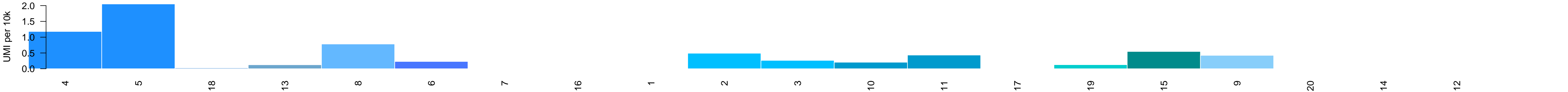


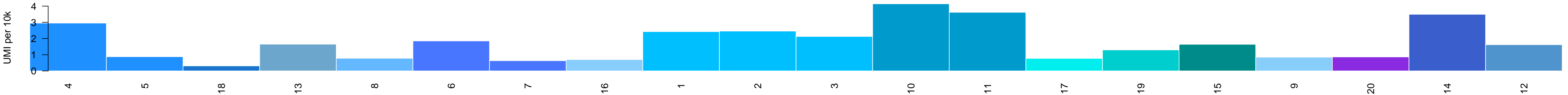
**synaptophysin_like_2 | MARVEL/
TrH2_TrispH2_000100**



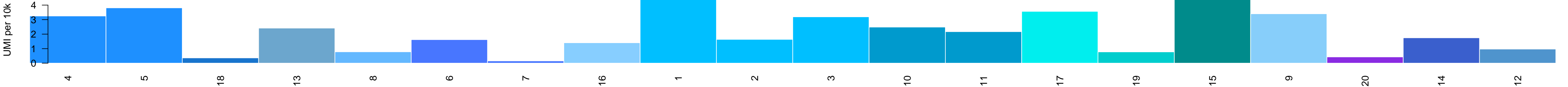
membrane_bound_transcription_factor_peptidase_site_1 | Peptidase_S8/
TrH2_TrispH2_000203



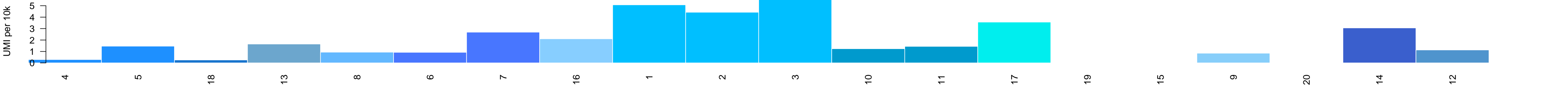
spectrin_alpha_non_erythrocytic_1 | Spectrin/Spectrin/Spectrin/Spectrin/Spectrin/Spe...
TrH2_TrispH2_000403

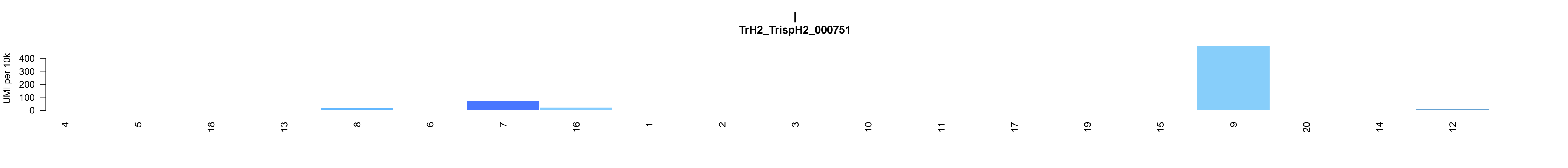


t_SNARE_domain_containing_1 | Syntaxin_2/SNARE/
TrH2_TrispH2_000530



regulating_synaptic_membrane_exocytosis_1 | FYVE_2/C2/C2/
TrH2_TrispH2_000666



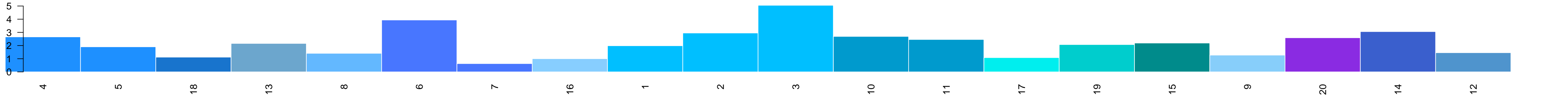


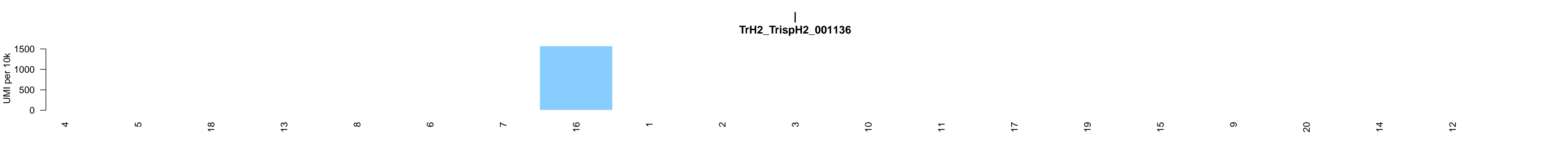
synaptic_vesicle_glycoprotein_2C | MFS_1/
TrH2_TrispH2_000868



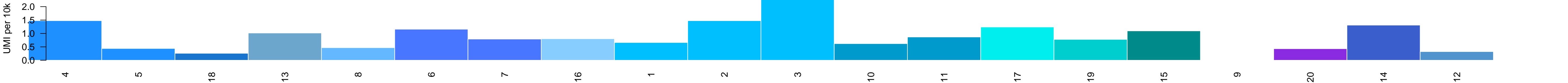
discs_large_MAGUK_scaffold_protein_1 | L27_1/PDZ/PDZ/PDZ/SH3_1/Guanylate_kin/
TrH2_TrispH2_000924

UMI per 10k

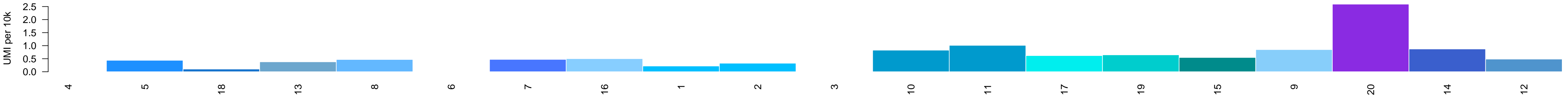




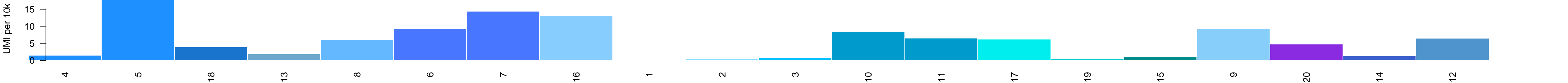
inositol_1_4_5_trisphosphate_receptor_type_1 | Ins145_P3_rec/MIR/RYDR_ITPR/RYDR_ITPR/RIH_assoc/Ion_trans/
TrH2_TrispH2_001140



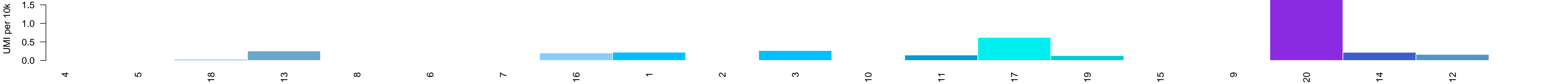
**synaptotagmin_1 | C2/C2/
TrH2_TrispH2_001163**



peptidylglycine_alpha_amidating_monooxygenase | Cu2_monooxygen/Cu2_monoox_C/NHL/
TrH2_TrispH2_001212



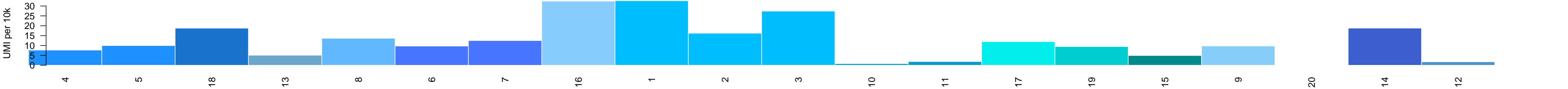
**synaptotagmin_1 | Ribosomal_S11/C2/C2/
TrH2_TrispH2_001296**



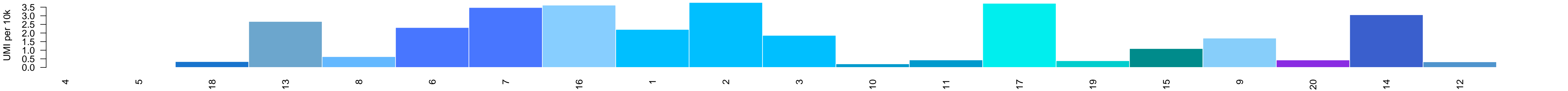
homer_scaffold_protein_2 | WH1/
TrH2_TrispH2_001315



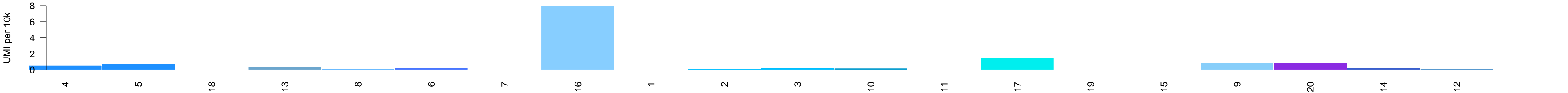
proprotein_convertase_subtilisin_kexin_type_1 | S8_pro-domain/Peptidase_S8/P_proprotein/
TrH2_TrispH2_001345



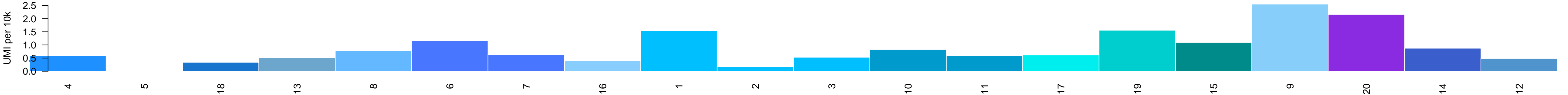
potassium_voltage_gated_channel_subfamily_B_member_2 | BTB_2/Ion_trans/
TrH2_TrispH2_001435

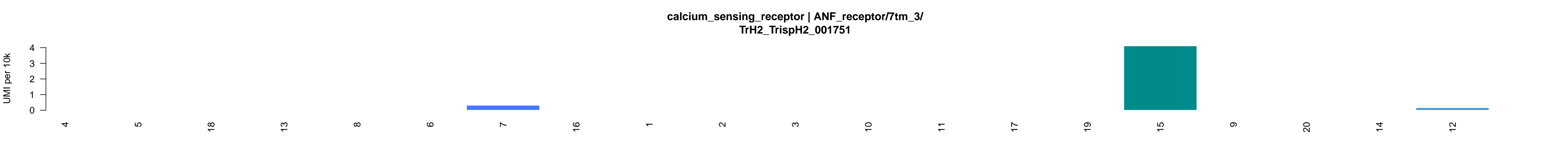


carboxypeptidase_D | Peptidase_M14/CarboxypepD_reg/
TrH2_TrispH2_001642



inositol_1_4_5_trisphosphate_receptor_type_2 | Ins145_P3_rec/MIR/RYDR_ITPR/RIH_assoc/lon_trans/
TrH2_TrispH2_001742





**solute_carrier_family_17_member_6 | MFS_1/
TrH2_TrispH2_001824**



glutamate_metabotropic_receptor_1 | ANF_receptor/7tm_3/
TrH2_TrispH2_001842

UMI per 10k

2.0

1.5

1.0

0.5

0.0

4

5

18

13

8

6

7

16

1

2

3

10

11

17

19

15

9

20

14

12



glutamate_metabotropic_receptor_3 | ANF_receptor/NCD3G/7tm_3/
TrH2_TrispH2_001843



**solute_carrier_family_6_member_13 | SNF/
TrH2_TrispH2_002073**

UMI per 10k

2.0
1.5
1.0
0.5
0.0

4

5

18

13

8

6

7

16

1

2

3

10

11

17

19

15

9

20

14

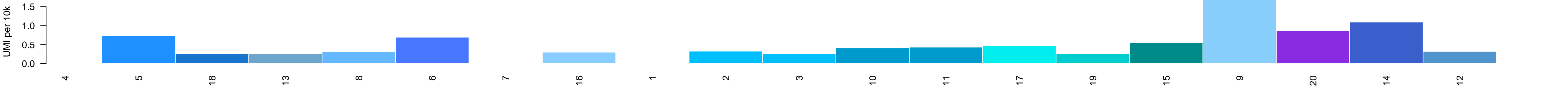
12



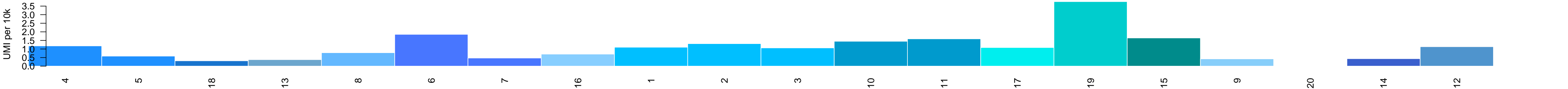
SEC22_homolog_B_vesicle_trafficking_protein | Longin/Synaptobrevin/
TrH2_TrispH2_002648



semaphorin_5A | Sema/PSI/
TrH2_TrispH2_002776



**solute_carrier_family_6_member_13 | SNF/
TrH2_TrispH2_002848**



**synaptosome_associated_protein_23 | SNAP-25/
TrH2_TrispH2_003129**

UMI per 10k

5
4
3
2
1
0

4

5

18

13

8

6

7

16

1

2

3

10

11

17

19

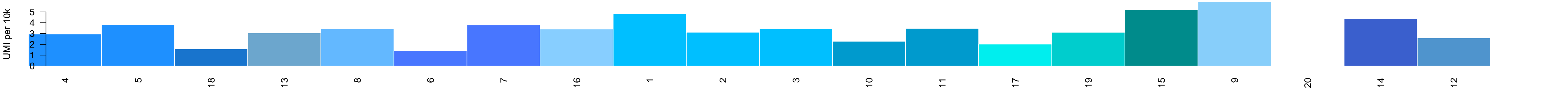
15

9

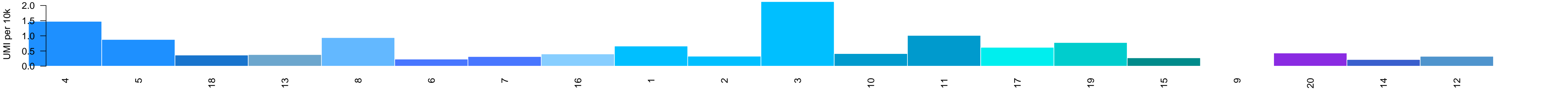
20

14

12



syntaxin_8 |
TrH2_TrispH2_003463



calcium_sensing_receptor | ANF_receptor/NCD3G/7tm_3/
TrH2_TrispH2_003771

UMI per 10k

1.5
1.0
0.5
0.0

4

5

18

13

8

6

7

16

1

2

3

10

11

17

19

15

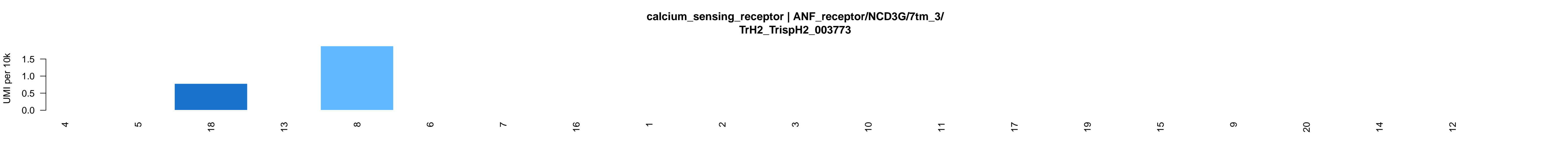
9

20

14

12





spondin_1 | Spond_N/
TrH2_TrispH2_004065



spondin_1 | Spond_N/Spond_N/
TrH2_TrispH2_004066

UMI per 10k

1.2
1.0
0.8
0.6
0.4
0.2
0.0

4

5

18

13

8

6

7

16

1

2

3

10

11

17

19

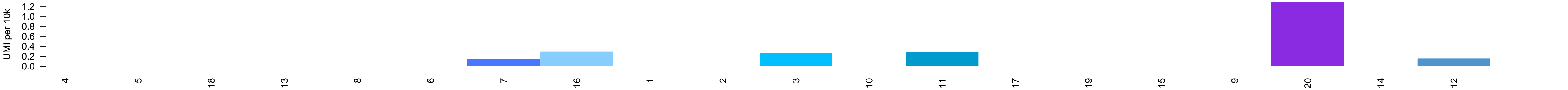
15

9

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CASK_interacting_protein_1 | Ank_2/Ank_2/SAM_1/SAM_2/
TrH2_TrispH2_004228



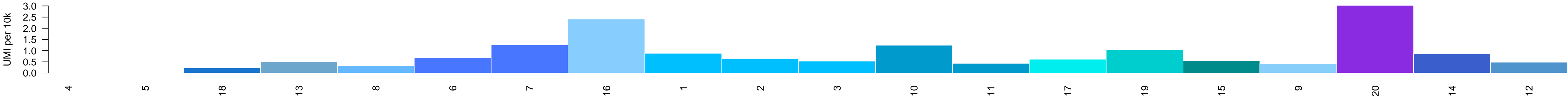
monooxygenase_DBH_like_1 | DOMON/Cu2_monooxygen/Cu2_monoox_C/
TrH2_TrispH2_004393



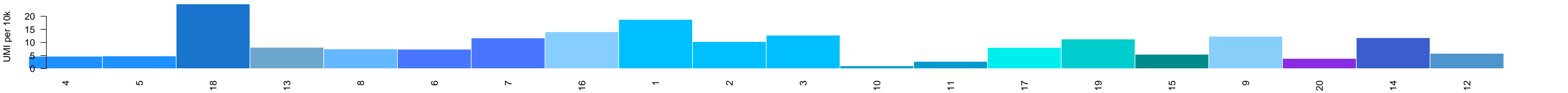
monooxygenase_DBH_like_1 | DOMON/Cu2_monooxygen/Cu2_monoox_C/
TrH2_TrispH2_004396



monooxygenase_DBH_like_1 | DOMON/Cu2_monooxygen/Cu2_monoox_C/
TrH2_TrispH2_004399

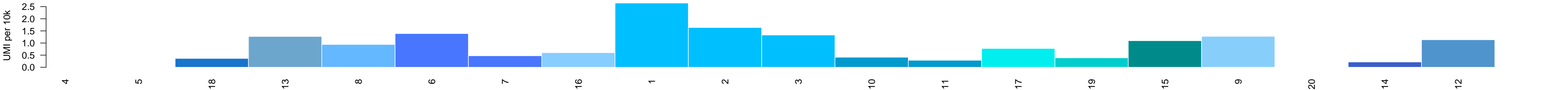


carboxypeptidase_D | Peptidase_M14/CarboxypepD_reg/
TrH2_TrispH2_005355

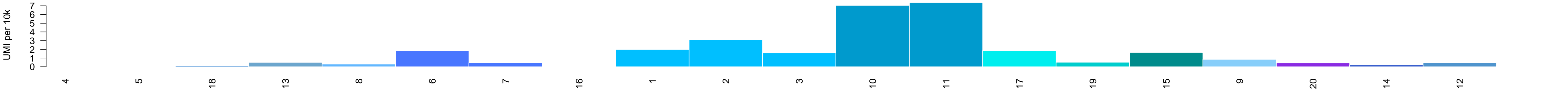




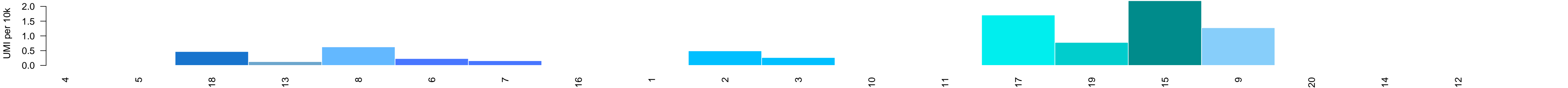
calcium_voltage_gated_channel_subunit_alpha1_I | lon_trans/lon_trans/lon_trans/lon_trans/
TrH2_TrispH2_005993



PTPRF_interacting_protein_alpha_1 | SAM_1/SAM_1/SAM_2/
TrH2_TrispH2_006416



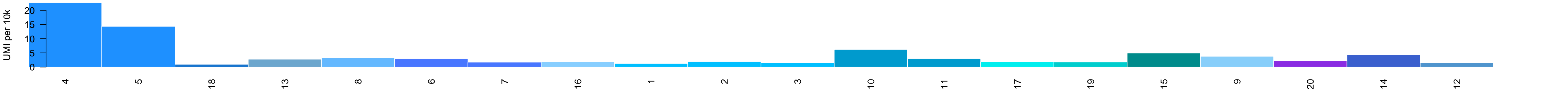
signal_induced_proliferation_associated_1_like_1 | Rap_GAP/
TrH2_TrispH2_006437



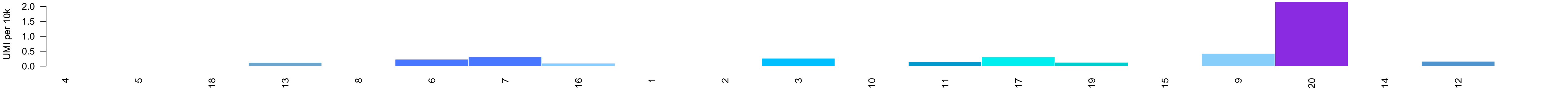
EPH_receptor_A5 | fn3/Pkinase_Tyr/SAM_1/
TrH2_TrispH2_006515



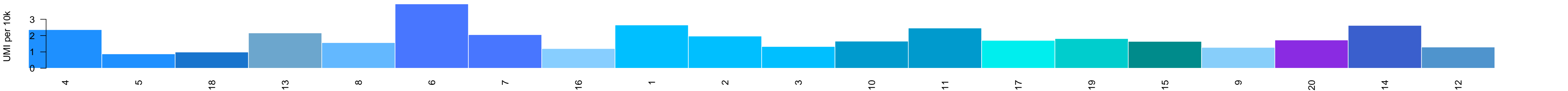
solute_carrier_family_1_member_2 | SDF/
TrH2_TrispH2_006789



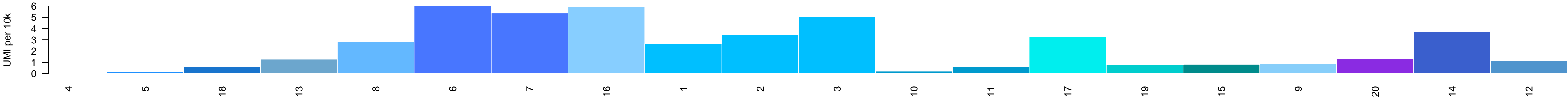
**syntaxin_1B | Syntaxin/SNARE/Syntaxin/Syntaxin/SNARE/
TrH2_TrispH2_006861**



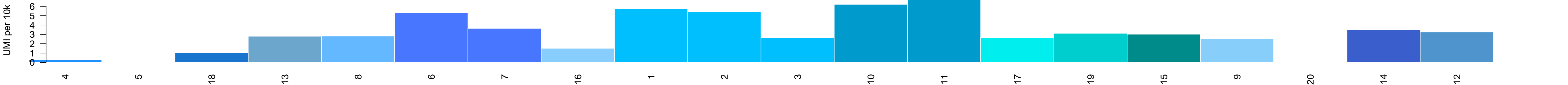
**syntaxin_2 | Syntaxin/SNARE/
TrH2_TrispH2_006862**



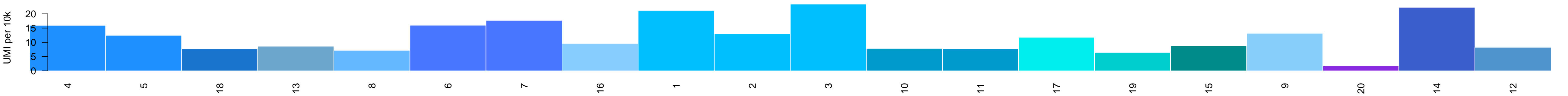
**solute_carrier_family_17_member_5 | MFS_1/
TrH2_TrispH2_007149**



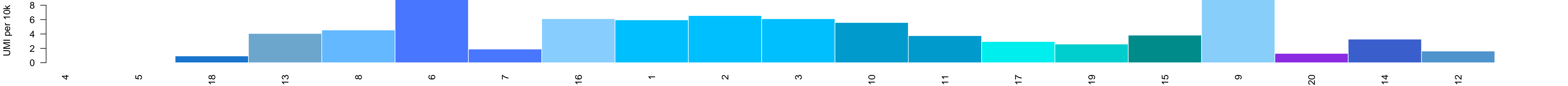
potassium_voltage_gated_channel_subfamily_C_member_1 | BTB_2/Ion_trans/
TrH2_TrispH2_007531

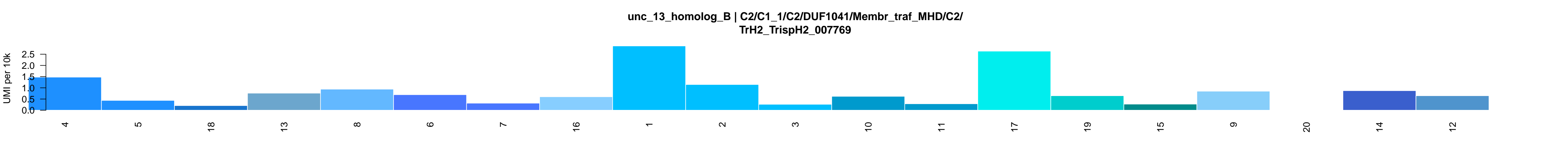


**synaptotagmin_1 | C2/C2/
TrH2_TrispH2_007645**

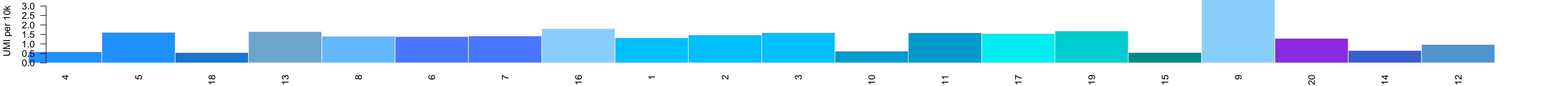


**synaptotagmin_7 | C2/C2/
TrH2_TrispH2_007647**





protein_kinase_C_alpha | C1_1/C2/Pkinase/Pkinase_C/
TrH2_TrispH2_007855



lin_7_homolog_C_crumbs_cell_polarity_complex_component | L27/PDZ/
TrH2_TrispH2_008054

UMI per 10k

6
4
2
0



4

5

18

13

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6

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16

1

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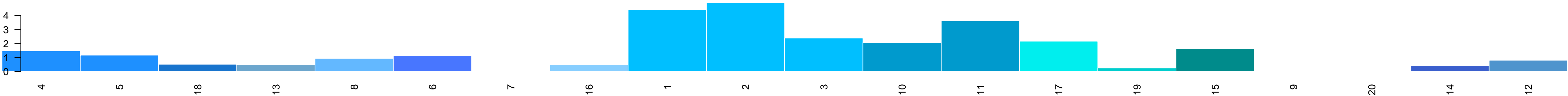
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14

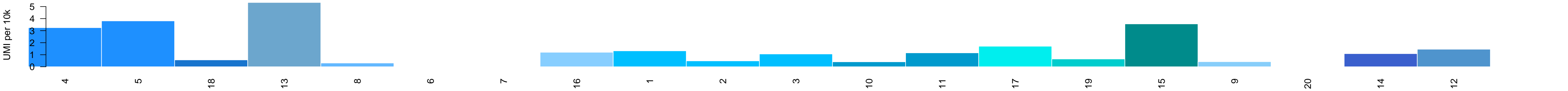
12

FERM_and_PDZ_domain_containing_1 | WW/
TrH2_TrispH2_008365

UMI per 10k



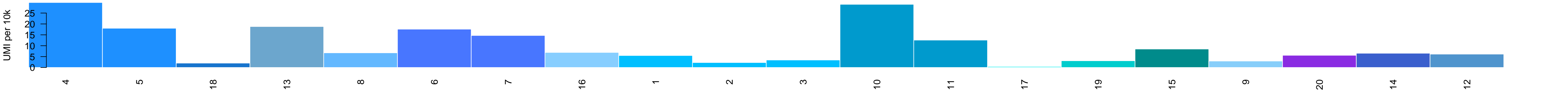
**synaptotagmin_15 | C2/C2/
TrH2_TrispH2_008612**



carboxypeptidase_D | Peptidase_M14/CarboxypepD_reg/
TrH2_TrispH2_008631



carboxypeptidase_D | Peptidase_M14/CarboxypepD_reg/
TrH2_TrispH2_008632



**synaptotagmin_like_5 | FYVE_2/C2/
TrH2_TrispH2_008996**

UMI per 10k

3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0



carboxypeptidase_D | Peptidase_M14/CarboxypepD_reg/
TrH2_TrispH2_009366



nitric_oxide_synthase_1 | NO_synthase/Flavodoxin_1/FAD_binding_1/NAD_binding_1/
TrH2_TrispH2_010039

UMI per 10k

1.5
1.0
0.5
0.0



4

5

18

13

8

6

7

16

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19

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14

12

glutamate_metabotropic_receptor_2 | ANF_receptor/NCD3G/7tm_3/
TrH2_TrispH2_010126

UMI per 10k

1.5
1.0
0.5
0.0

4

5

18

13

8

6

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16

1

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11

17

19

15

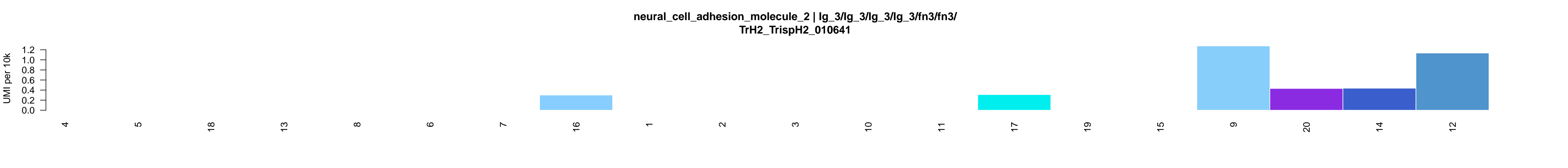
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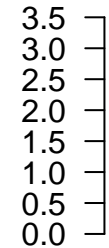


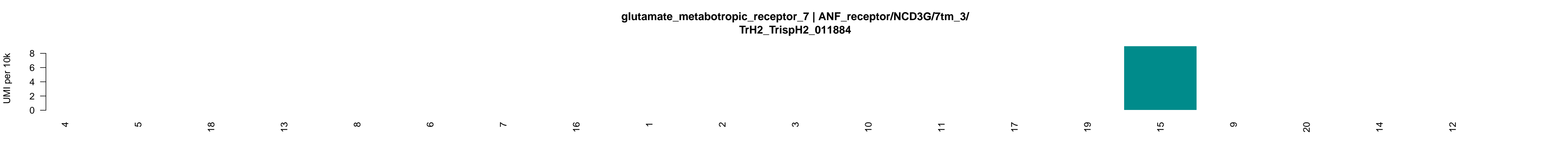
glutamate_ionotropic_receptor_kainate_type_subunit_2 | ANF_receptor/Lig_chan-Glu_bd/Lig_chan/
TrH2_TrispH2_010734



calcium_sensing_receptor | 7tm_3/
TrH2_TrispH2_011339

UMI per 10k





glutamate_metabotropic_receptor_7 | ANF_receptor/7tm_3/
TrH2_TrispH2_011885

