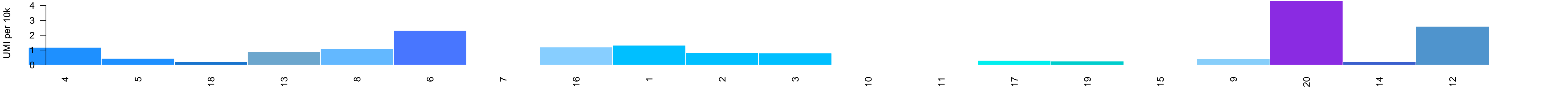
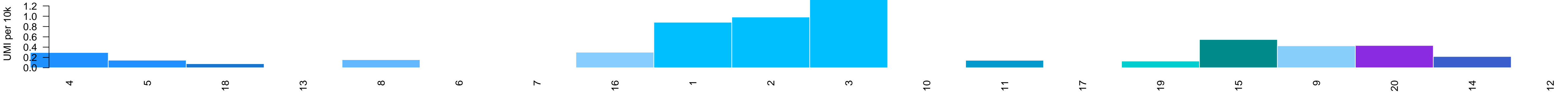


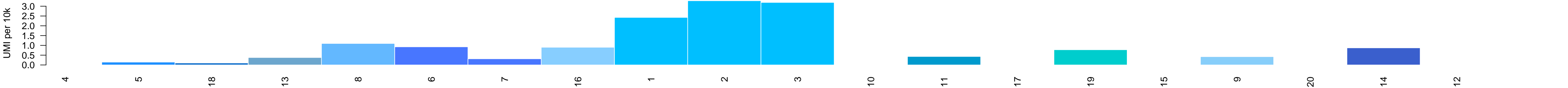
DSL.HG1.4:DLL1/DLL4/JAG1/JAG2  
TrH2\_TrispH2\_000422



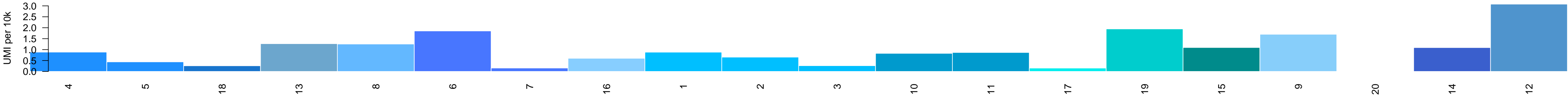
FGF.HG1.2:FGF8/FGF17/FGF18  
TrH2\_TrispH2\_006509



Frizzled.HG1.11:like:CPZ/GPR157  
TrH2\_TrispH2\_007497



Frizzled.HG1.12:FZD3/FZD6  
TrH2\_TrispH2\_001227



GPCRglut.HG1.1:like:GABBR1/GABBR2/GPR156  
TrH2\_TrispH2\_006332

UMI per 10k

1.5  
1.0  
0.5  
0.0

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GPCRglut.HG1.10:like:GABBR1/GABBR2  
TrH2\_TrispH2\_003275

UMI per 10k

8  
6  
4  
2  
0



0

2

4

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8

0

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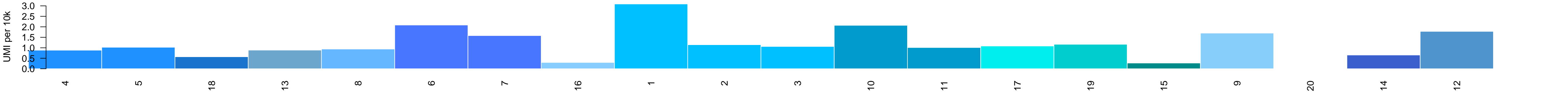
2

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8

GPCRglut.HG1.2:GPR156  
TrH2\_TrispH2\_011116



GPCRglut.HG1.20:like:GABBR1/GABBR2  
TrH2\_TrispH2\_004734

UMI per 10k

4  
3  
2  
1  
0

4

5

18

13

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16

1

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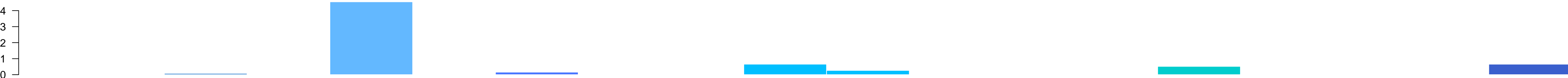
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GPCRglut.HG1.20:like:GABBR1/GABBR2  
TrH2\_TrispH2\_004736

UMI per 10k

25  
20  
15  
10  
5  
0

4

5

18

13

8

6

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16

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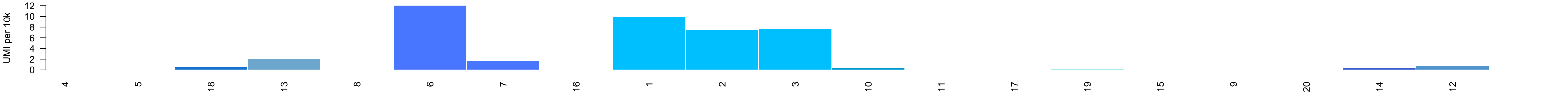
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GPCRglut.HG1.20:like:GABBR1/GABBR2  
TrH2\_TrispH2\_004737



GPCRglut.HG1.28:like:GABBR1/GABBR2  
TrH2\_TrispH2\_008368

UMI per 10k

6  
5  
4  
3  
2  
1  
0

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13

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16

1

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GPCRglut.HG1.29:like:GABBR1/GABBR2  
TrH2\_TrispH2\_010562

UMI per 10k

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

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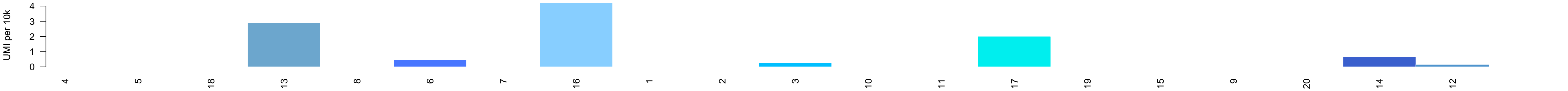
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GPCRglut.HG1.30:like:GABBR1/GABBR2  
TrH2\_TrispH2\_003379

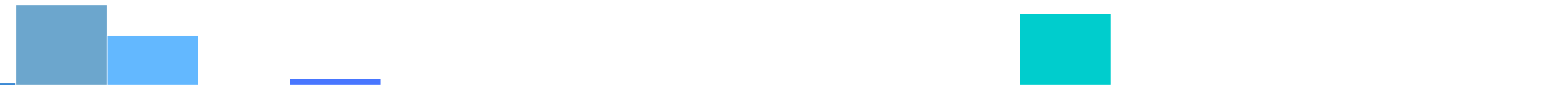


GPCRglut.HG1.30:like:GABBR1/GABBR2  
TrH2\_TrispH2\_004463

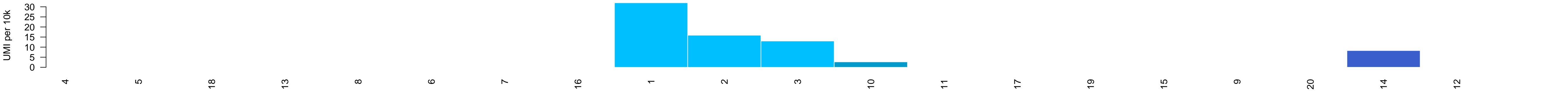
UMI per 10k

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



GPCRglut.HG1.30:like:GABBR1/GABBR2  
TrH2\_TrispH2\_005747



GPCRglut.HG1.30:like:GABBR1/GABBR2  
TrH2\_TrispH2\_005748

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0

4

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GPCRglut.HG1.30:like:GABBR1/GABBR2  
TrH2\_TrispH2\_005784

UMI per 10k

2.5  
2.0  
1.5  
1.0  
0.5  
0.0



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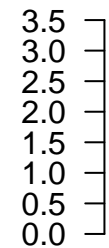
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GPCRglut.HG1.30:like:GABBR1/GABBR2  
TrH2\_TrispH2\_006904

UMI per 10k



GPCRglut.HG1.30:like:GABBR1/GABBR2  
TrH2\_TrispH2\_006905



GPCRglut.HG1.30:like:GABBR1/GABBR2  
TrH2\_TrispH2\_006906

UMI per 10k

6  
5  
4  
3  
2  
1  
0

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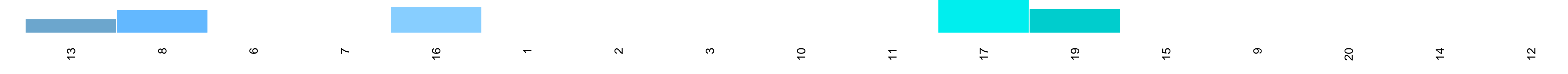
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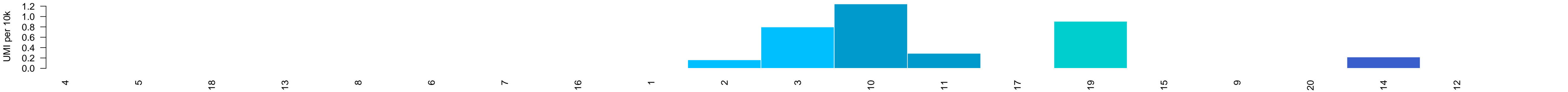
12



GPCRglut.HG1.30:like:GABBR1/GABBR2  
TrH2\_TrispH2\_006907



GPCRglut.HG1.30:like:GABBR1/GABBR2  
TrH2\_TrispH2\_008779



GPCRglut.HG1.31:like:GABBR1/GABBR2  
TrH2\_TrispH2\_011598



GPCRglut.HG1.35:like:GABBR1/GABBR2  
TrH2\_TrispH2\_005881

UMI per 10k

6  
4  
2  
0

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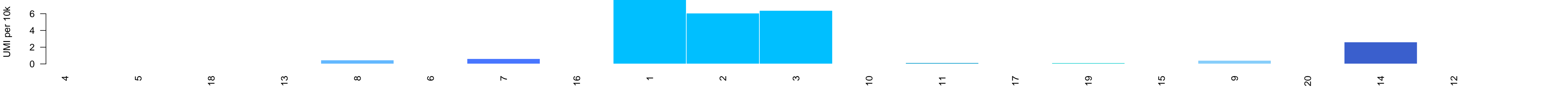
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GPCRglut.HG1.36:like:GABBR1/GABBR2  
TrH2\_TrispH2\_011603

UMI per 10k

1.5  
1.0  
0.5  
0.0

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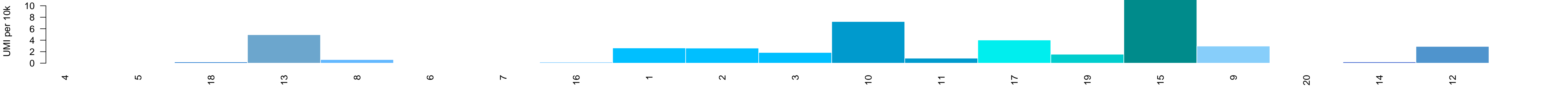
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GPCRglut.HG1.37:like:GABBR1/GABBR2  
TrH2\_TrispH2\_010138



GPCRglut.HG1.40:like:GABBR1/GABBR2  
TrH2\_TrispH2\_005882

UMI per 10k

30  
20  
10  
0



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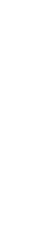
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GPCRglut.HG1.41:like:GABBR1/GABBR2  
TrH2\_TrispH2\_010017

UMI per 10k

6  
5  
4  
3  
2  
1  
0



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GPCRglut.HG1.43:like:GABBR1/GABBR2  
TrH2\_TrispH2\_010015

UMI per 10k

10  
8  
6  
4  
2  
0

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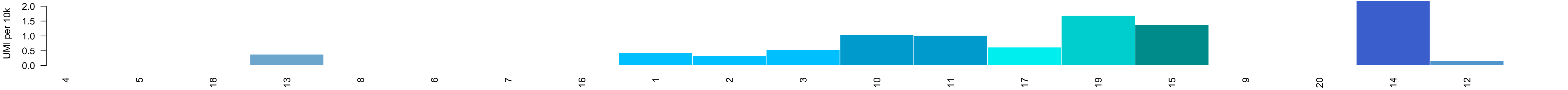
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GPCRglut.HG1.44:like:GABBR1/GABBR2  
TrH2\_TrispH2\_004695



GPCRglut.HG1.45:like:GABBR1/GABBR2  
TrH2\_TrispH2\_004696

UMI per 10k

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

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16

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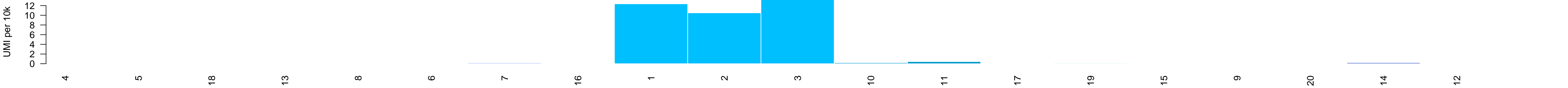
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GPCRglut.HG1.47:like:GABBR1/GABBR2  
TrH2\_TrispH2\_011580





GPCRglut.HG1.47:like:GABBR1/GABBR2  
TrH2\_TrispH2\_011581



GPCRglut.HG1.47:like:GABBR1/GABBR2  
TrH2\_TrispH2\_011716

UMI per 10k

3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0

4

5

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16

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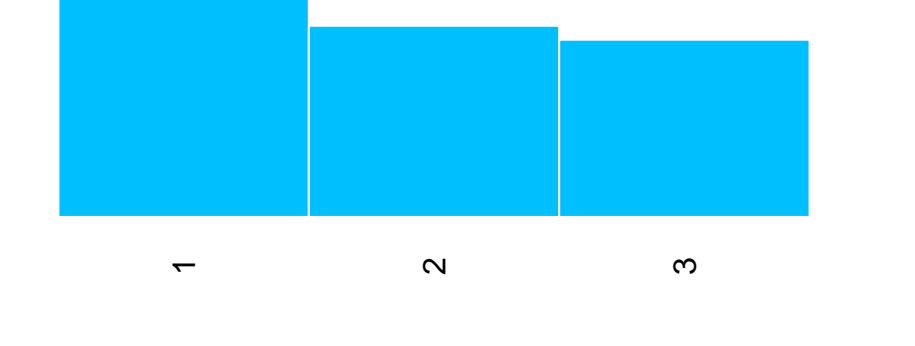


GPCRglut.HG1.47:like:GABBR1/GABBR2  
TrH2\_TrispH2\_011783

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 20 14 12



GPCRglut.HG1.5:like:GABBR1/GABBR2/GPR156  
TrH2\_TrispH2\_011964



GPCRglut.HG1.5:like:GABBR1/GABBR2/GPR156  
TrH2\_TrispH2\_012100



GPCRglut.HG1.6:GABBR1/GABBR2  
TrH2\_TrispH2\_008289

UMI per 10k

5  
4  
3  
2  
1  
0

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1

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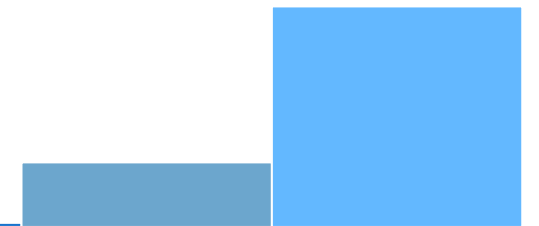
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GPCRglut.HG1.8:like:GABBR1/GABBR2/GPR156  
TrH2\_TrispH2\_004426

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0

4

5

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13

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16

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GPCRglut.HG1.9:like:GABBR1/GABBR2/GPR156  
TrH2\_TrispH2\_000233





GPCRglut.HG2.4:like:GRM1/GRM2/GRM3/GRM4/GRM5/GRM6/GRM7/GRM8  
TrH2\_TrispH2\_001842

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0

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GPCRglut.HG2.4:like:GRM1/GRM2/GRM3/GRM4/GRM5/GRM6/GRM7/GRM8  
TrH2\_TrispH2\_001843

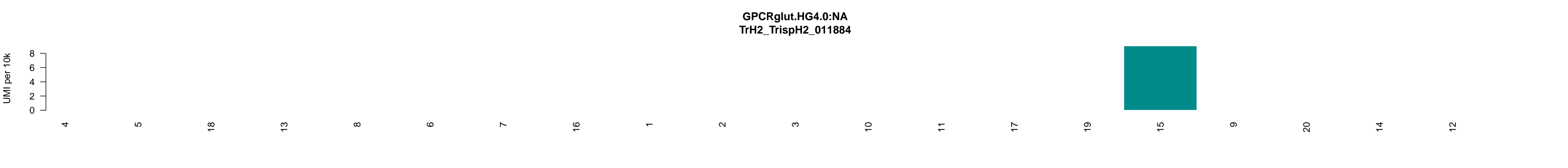


GPCRglut.HG4.0:NA  
TrH2\_TrispH2\_010119

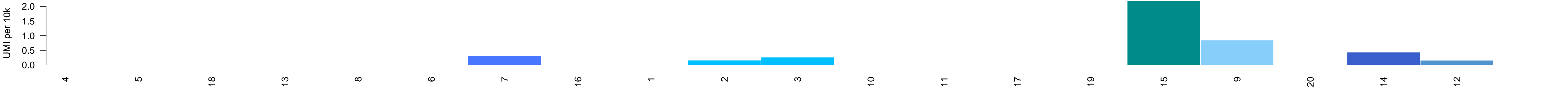


GPCRglut.HG4.0:NA  
TrH2\_TrispH2\_010126

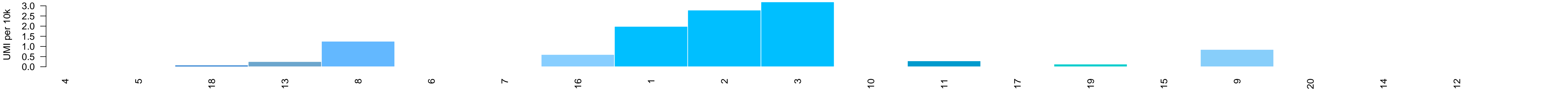


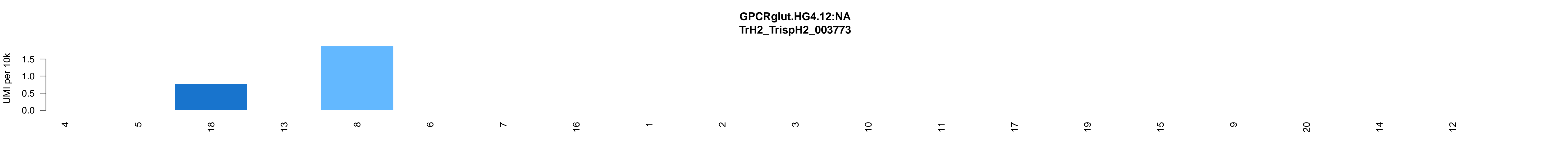


GPCRglut.HG4.0:NA  
TrH2\_TrispH2\_011885



GPCRglut.HG4.1:NA  
TrH2\_TrispH2\_000991





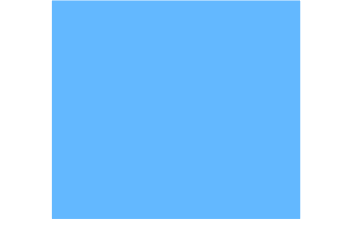


GPCRglut.HG4.13:NA  
TrH2\_TrispH2\_003771

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

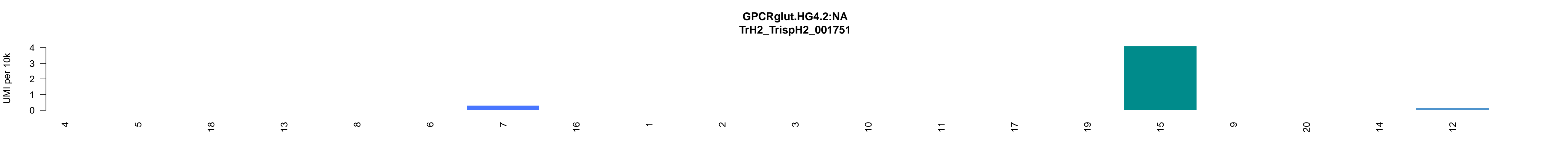


GPCRglut.HG4.2:NA  
TrH2\_TrispH2\_001749



GPCRglut.HG4.2:NA  
TrH2\_TrispH2\_001750





GPCRglut.HG4.4:NA  
TrH2\_TrispH2\_000992



GPCRglut.HG4.7:NA  
TrH2\_TrispH2\_011339

UMI per 10k

3.5  
3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0



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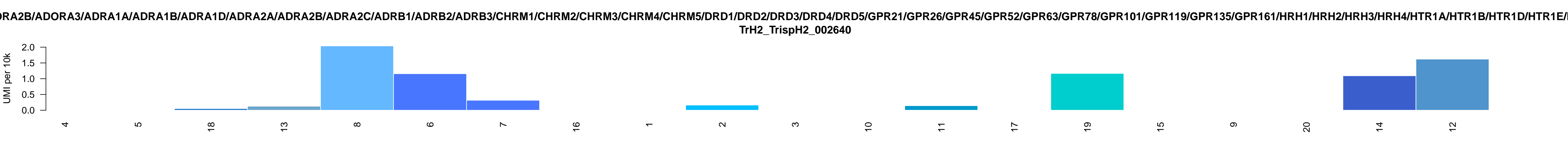
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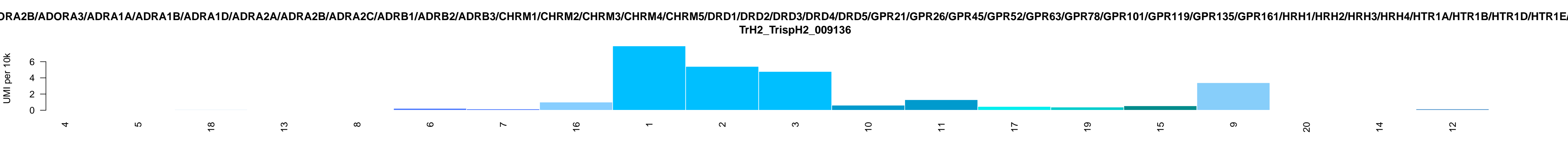
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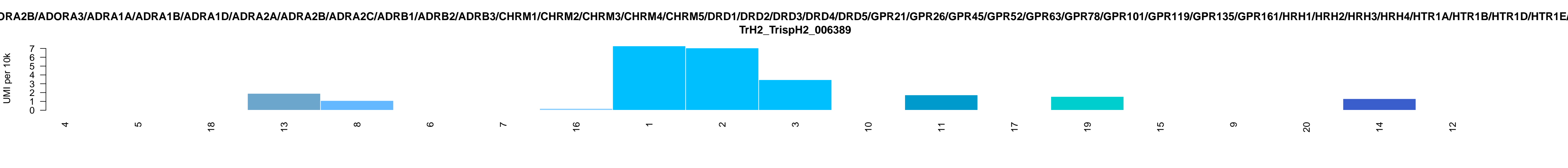
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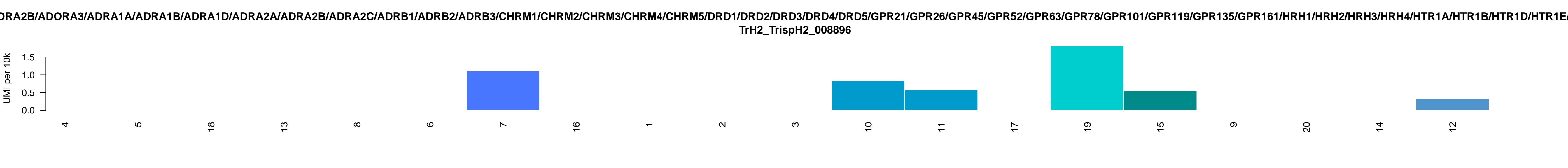
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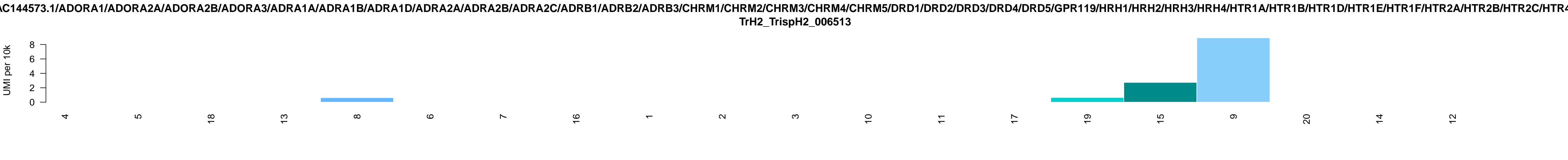


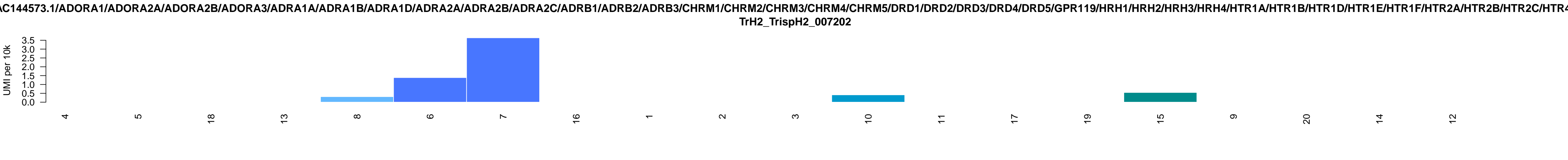


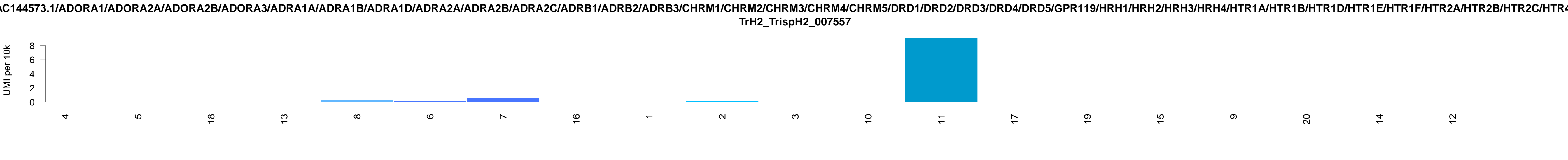


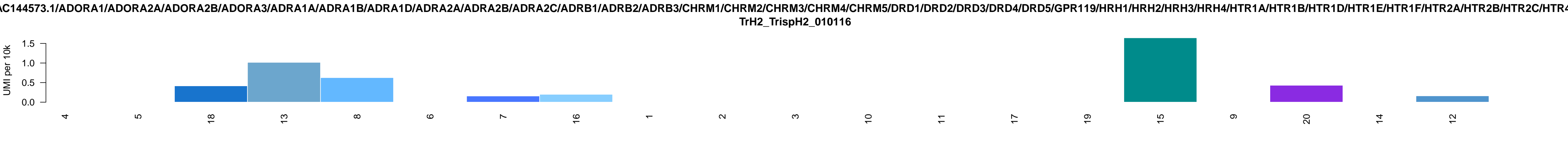


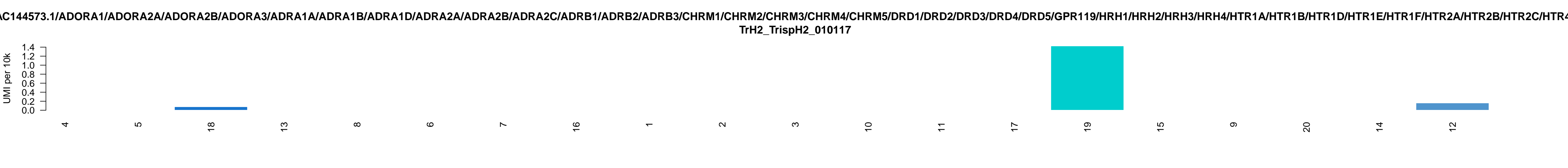












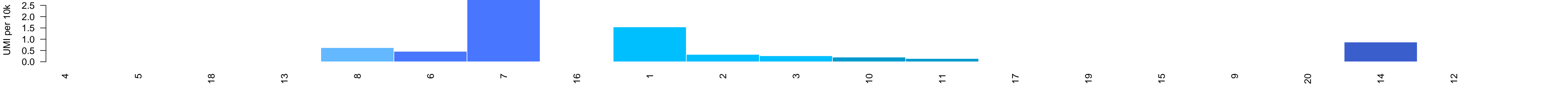
ADORA2B/ADORA3/ADORA1A/ADORA1B/ADORA1D/ADORA2A/ADORA2B/ADORA2C/ADRB1/ADRB2/ADRB3/CHRM1/CHRM2/CHRM3/CHRM4/CHRM5/DRD1/DRD2/DRD3/DRD4/DRD5/GPR21/GPR26/GPR45/GPR52/GPR63/GPR78/GPR101/GPR119/GPR135/GPR161/HRH1/HRH2/HRH3/HRH4/HTR1A/HTR1B/HTR1D/HTR1E

TrH2\_TrispH2\_008979





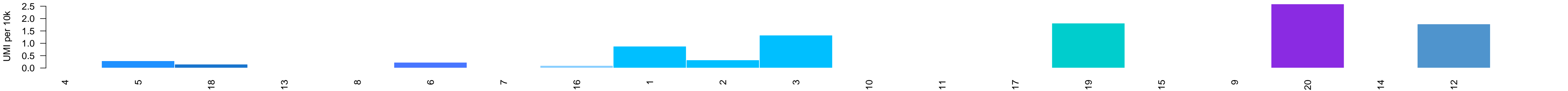
GPCRrhod.HG10.1:NA  
TrH2\_TrispH2\_003607



GPCRrhod.HG10.100:NA  
TrH2\_TrispH2\_011478

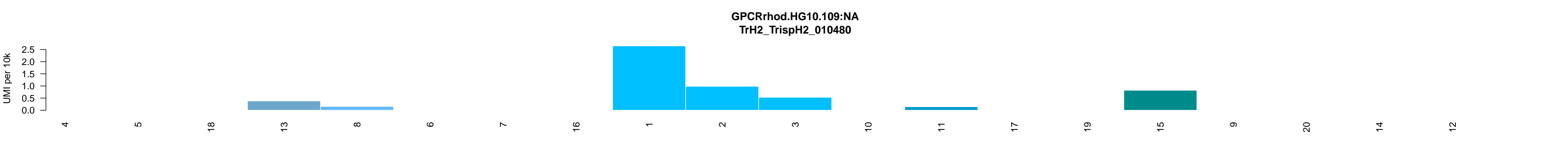


GPCRrhod.HG10.105:NA  
TrH2\_TrispH2\_003195



GPCRrhod.HG10.107:NA  
TrH2\_TrispH2\_010483





GPCRrhod.HG10.11:NA  
TrH2\_TrispH2\_011552



GPCRrhod.HG10.13:NA  
TrH2\_TrispH2\_011263

UMI per 10k

1.5  
1.0  
0.5  
0.0

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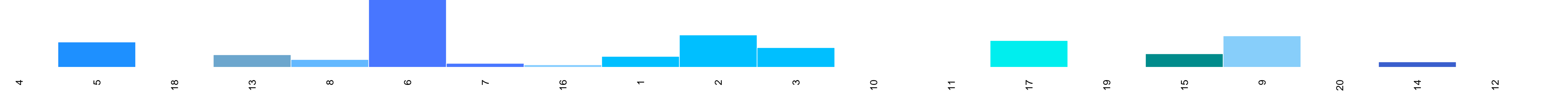
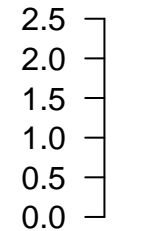
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12



GPCRrhod.HG10.14:NA  
TrH2\_TrispH2\_005604

UMI per 10k





GPCRrhod.HG10.17:NA  
TrH2\_TrispH2\_010271

UMI per 10k

1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0



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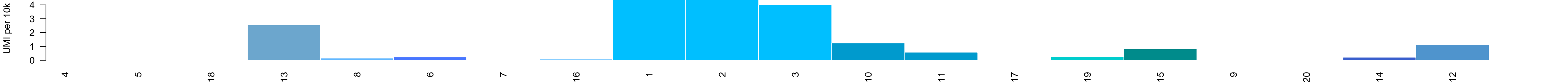
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GPCRrhod.HG10.18:NA  
TrH2\_TrispH2\_010269



GPCRrhod.HG10.2:NA  
TrH2\_TrispH2\_011750

UMI per 10k

1.5  
1.0  
0.5  
0.0

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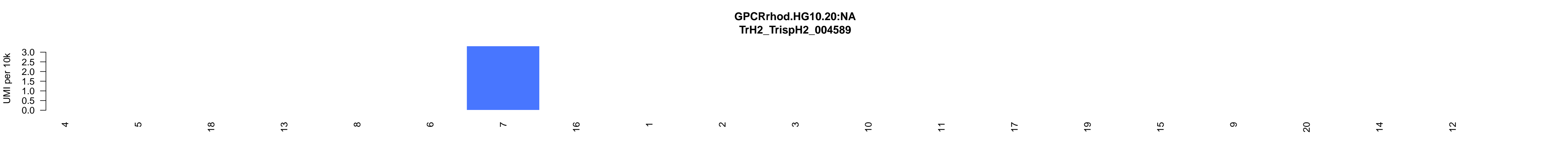
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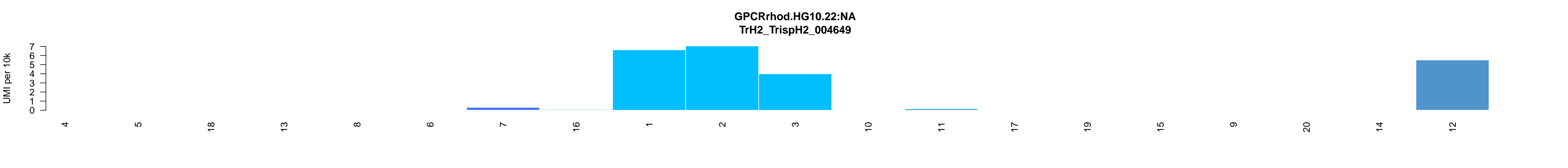
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GPCRrhod.HG10.21:NA  
TrH2\_TrispH2\_004625





GPCRrhod.HG10.24:NA  
TrH2\_TrispH2\_009610

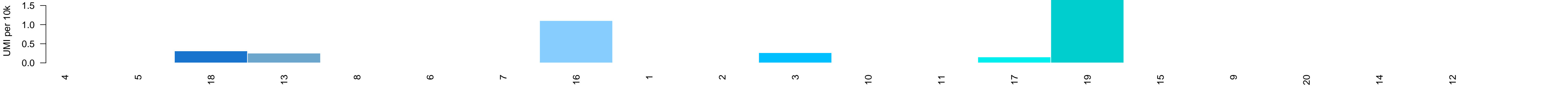


GPCRrhod.HG10.25:NA  
TrH2\_TrispH2\_001160





GPCRrhod.HG10.26:NA  
TrH2\_TrispH2\_002408



GPCRrhod.HG10.27:NA  
TrH2\_TrispH2\_004626

UMI per 10k

1.5  
1.0  
0.5  
0.0

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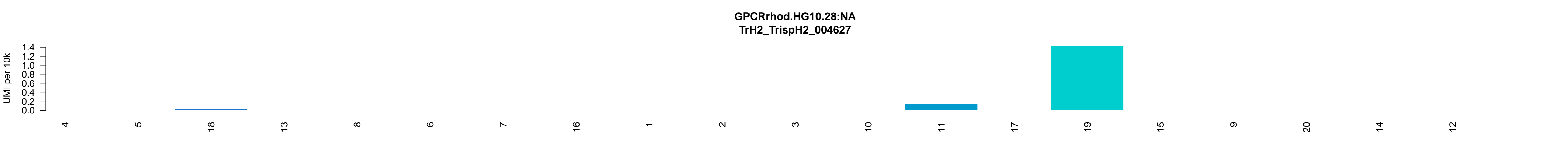
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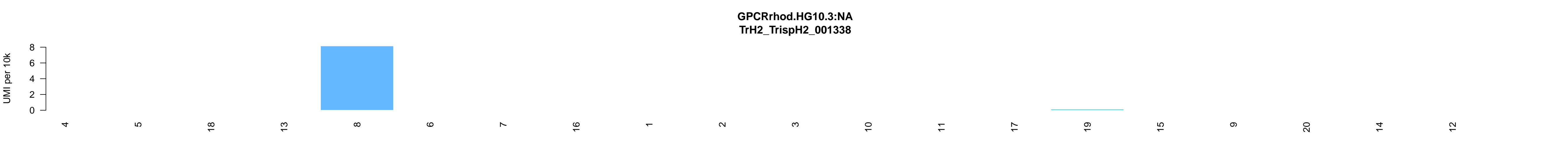
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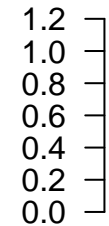
GPCRrhod.HG10.29:NA  
TrH2\_TrispH2\_010400





GPCRrhod.HG10.30:NA  
TrH2\_TrispH2\_010014

UMI per 10k



GPCRrhod.HG10.34:NA  
TrH2\_TrispH2\_003121

UMI per 10k

10  
8  
6  
4  
2  
0



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



GPCRrhod.HG10.36:NA  
TrH2\_TrispH2\_011188

UMI per 10k

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

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GPCRrhod.HG10.38:NA  
TrH2\_TrispH2\_009485

UMI per 10k

15  
10  
5  
0

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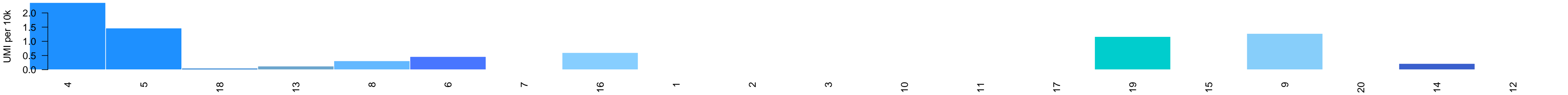
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GPCRrhod.HG10.4:NA  
TrH2\_TrispH2\_004548

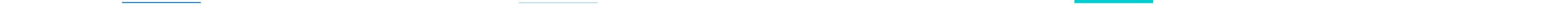


GPCRrhod.HG10.40:NA  
TrH2\_TrispH2\_008455

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



GPCRrhod.HG10.41:NA  
TrH2\_TrispH2\_008456

UMI per 10k

1.5  
1.0  
0.5  
0.0

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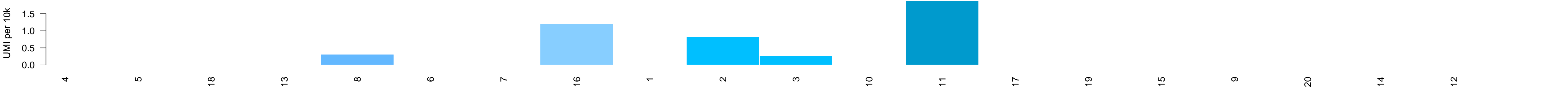
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GPCRrhod.HG10.42:NA  
TrH2\_TrispH2\_008454



GPCRrhod.HG10.44:NA  
TrH2\_TrispH2\_001204



GPCRrhod.HG10.46:NA  
TrH2\_TrispH2\_012175

UMI per 10k

1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

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GPCRrhod.HG10.47:NA  
TrH2\_TrispH2\_003534

UMI per 10k

1.0  
0.8  
0.6  
0.4  
0.2  
0.0

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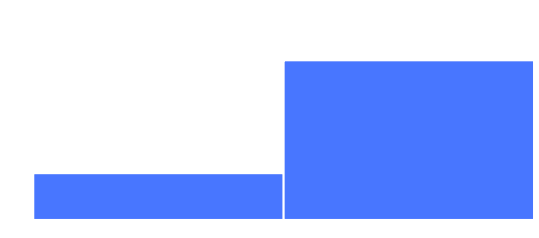
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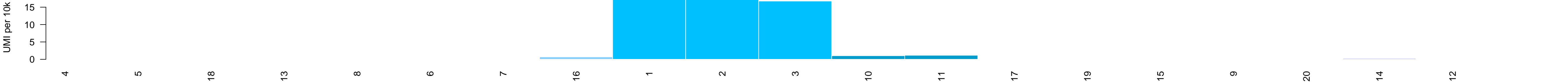
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GPCRrhod.HG10.5:NA  
TrH2\_TrispH2\_006255



GPCRrhod.HG10.51:NA  
TrH2\_TrispH2\_009483



GPCRrhod.HG10.54:NA  
TrH2\_TrispH2\_011187

UMI per 10k

2.5  
2.0  
1.5  
1.0  
0.5  
0.0



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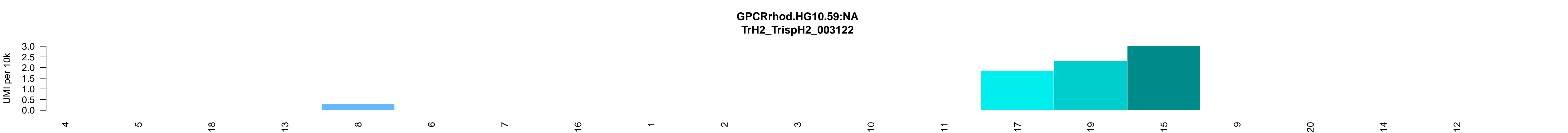
12

GPCRrhod.HG10.56:NA  
TrH2\_TrispH2\_011307



GPCRrhod.HG10.58:NA  
TrH2\_TrispH2\_010103





GPCRrhod.HG10.6:NA  
TrH2\_TrispH2\_002317

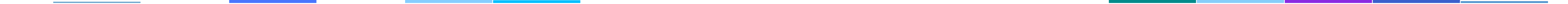


GPCRrhod.HG10.60:NA  
TrH2\_TrispH2\_010102

UMI per 10k

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

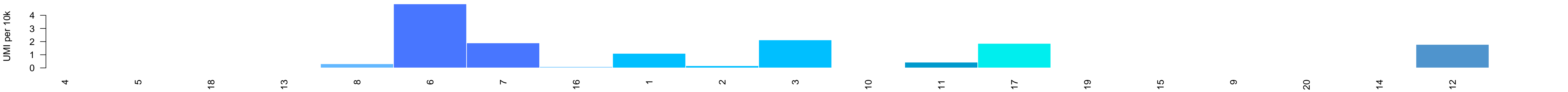




GPCRrhod.HG10.63:NA  
TrH2\_TrispH2\_003193



GPCRrhod.HG10.64:NA  
TrH2\_TrispH2\_003194



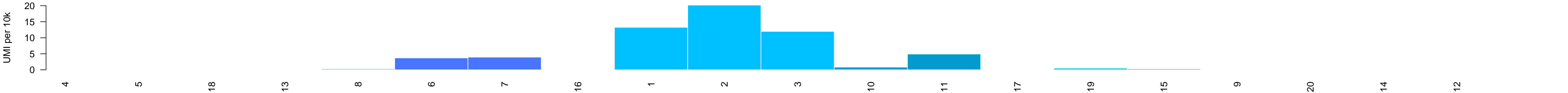
GPCRrhod.HG10.65:NA  
TrH2\_TrispH2\_001267



GPCRrhod.HG10.66:NA  
TrH2\_TrispH2\_007786



GPCRrhod.HG10.67:NA  
TrH2\_TrispH2\_001268



GPCRrhod.HG10.68:NA  
TrH2\_TrispH2\_001269



GPCRrhod.HG10.69:NA  
TrH2\_TrispH2\_004773



GPCRrhod.HG10.71:NA  
TrH2\_TrispH2\_003533





GPCRrhod.HG10.72:NA  
TrH2\_TrispH2\_003531



GPCRrhod.HG10.8:NA  
TrH2\_TrispH2\_000701

UMI per 10k

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GPCRrhod.HG10.80:NA  
TrH2\_TrispH2\_012206



GPCRrhod.HG10.82:NA  
TrH2\_TrispH2\_010632

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



GPCRrhod.HG10.85:NA  
TrH2\_TrispH2\_011013

UMI per 10k



GPCRrhod.HG10.86:NA  
TrH2\_TrispH2\_010478

UMI per 10k

3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0



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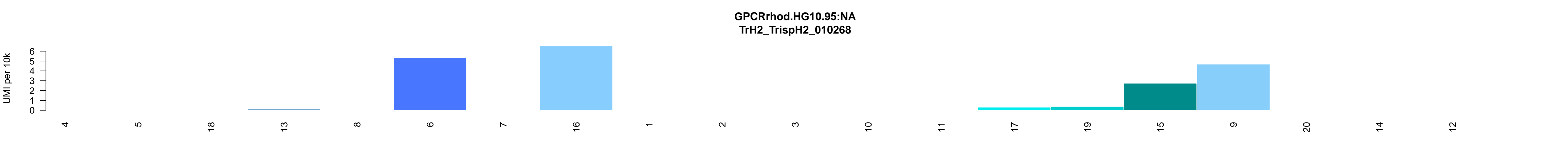
GPCRrhod.HG10.87:NA  
TrH2\_TrispH2\_010476



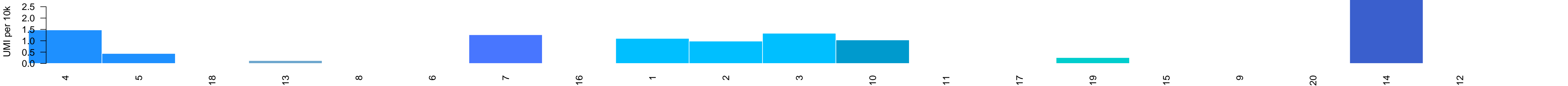
GPCRrhod.HG10.88:NA  
TrH2\_TrispH2\_001591







GPCRrhod.HG10.96:NA  
TrH2\_TrispH2\_011411



GPCRrhod.HG10.98:NA  
TrH2\_TrispH2\_003196

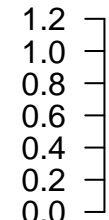
UMI per 10k

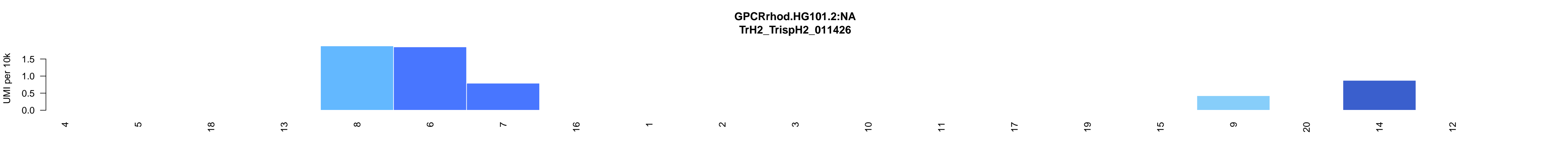
3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0



GPCRrhod.HG101.1:NA  
TrH2\_TrispH2\_008852

UMI per 10k





GPCRrhod.HG102.2:NA  
TrH2\_TrispH2\_010702





GPCRrhod.HG107.2:NA  
TrH2\_TrispH2\_002783

UMI per 10k

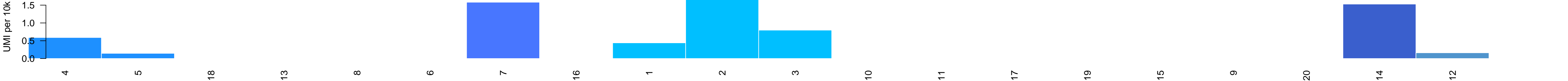
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4 5 18 13 8 6 7 16 1 2 3 10 11 17 19 15 9 20 14 12



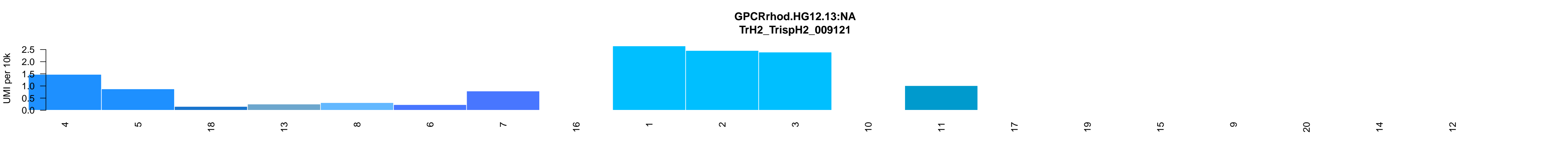


GPCRrhod.HG108.0:NA  
TrH2\_TrispH2\_004137



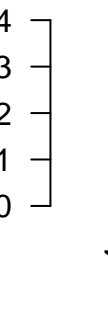
GPCRrhod.HG108.2:NA  
TrH2\_TrispH2\_004138

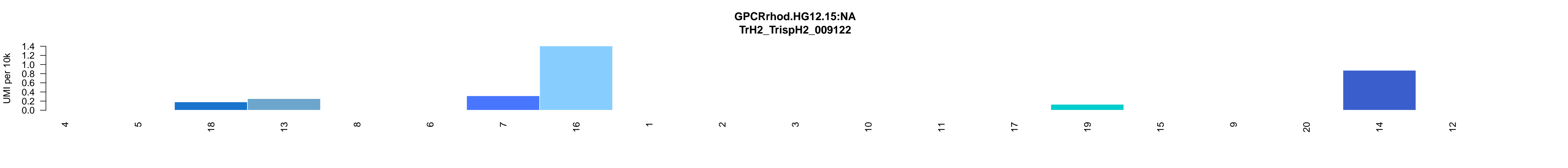




GPCRrhod.HG12.14:NA  
TrH2\_TrispH2\_012230

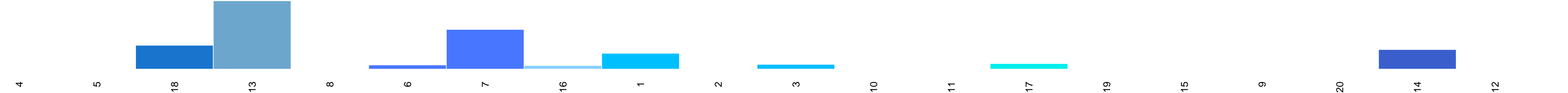
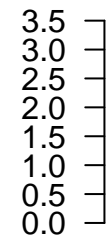
UMI per 10k





GPCRrhod.HG12.22:NA  
TrH2\_TrispH2\_005896

UMI per 10k



GPCRrhod.HG12.25:NA  
TrH2\_TrispH2\_005902

UMI per 10k

2.0  
1.5  
1.0  
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0.0



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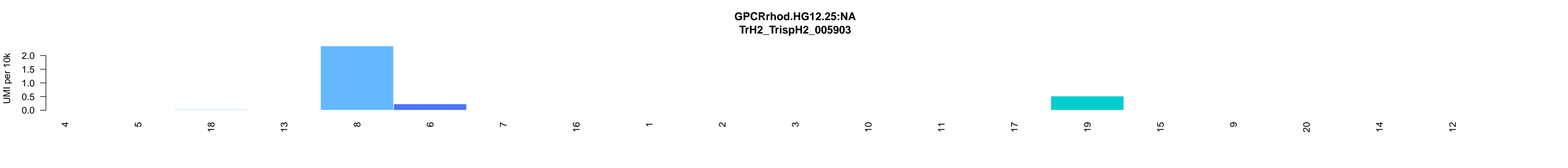
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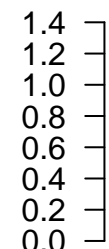
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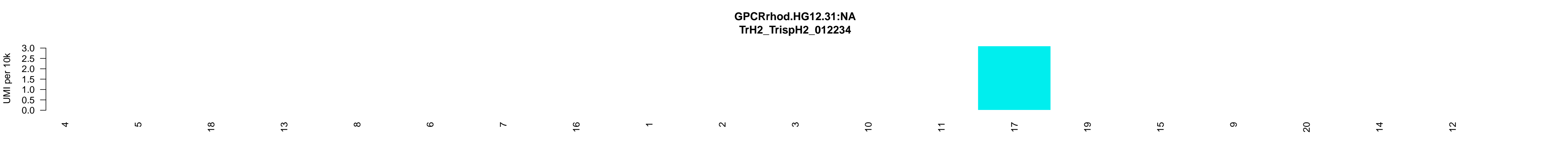




GPCRrhod.HG12.27:NA  
TrH2\_TrispH2\_005625

UMI per 10k





GPCRrhod.HG12.32:NA  
TrH2\_TrispH2\_007566



GPCRrhod.HG12.33:NA  
TrH2\_TrispH2\_011271

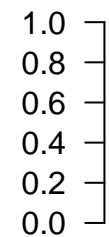


GPCRrhod.HG12.37:NA  
TrH2\_TrispH2\_006955



GPCRrhod.HG12.4:NA  
TrH2\_TrispH2\_005858

UMI per 10k



GPCRrhod.HG12.45:NA  
TrH2\_TrispH2\_011277

UMI per 10k

1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

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GPCRrhod.HG12.5:NA  
TrH2\_TrispH2\_010506

UMI per 10k

1.5  
1.0  
0.5  
0.0



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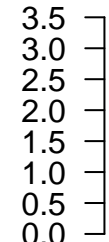
14

12



GPCRrhod.HG12.53:NA  
TrH2\_TrispH2\_010326

UMI per 10k



GPCRrhod.HG12.55:NA  
TrH2\_TrispH2\_010331





GPCRrhod.HG12.69:NA  
TrH2\_TrispH2\_010333

UMI per 10k

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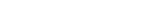
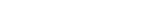
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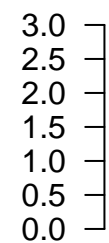
14

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GPCRrhod.HG12.7:NA  
TrH2\_TrispH2\_008229

UMI per 10k



GPCRrhod.HG12.71:NA  
TrH2\_TrispH2\_010334

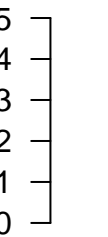


GPCRrhod.HG12.72:NA  
TrH2\_TrispH2\_010332



GPCRrhod.HG12.76:NA  
TrH2\_TrispH2\_007570

UMI per 10k



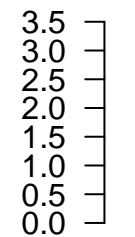


GPCRrhod.HG12.84:NA  
TrH2\_TrispH2\_004408



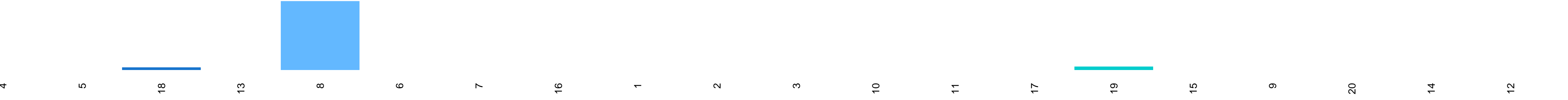
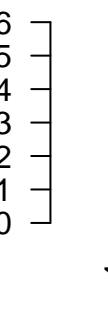
GPCRrhod.HG12.86:NA  
TrH2\_TrispH2\_009765

UMI per 10k

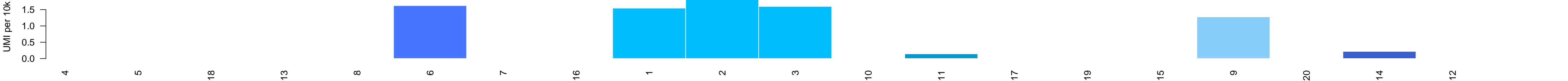


GPCRrhod.HG122.1:NA  
TrH2\_TrispH2\_006636

UMI per 10k



GPCRrhod.HG131.0:NA  
TrH2\_TrispH2\_008977



GPCRrhod.HG16.0:RXFP1/RXFP2  
TrH2\_TrispH2\_006124

UMI per 10k

1.5  
1.0  
0.5  
0.0

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GPCRrhod.HG16.0:RXFP1/RXFP2  
TrH2\_TrispH2\_006230

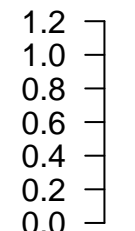


GPCRrhod.HG16.0:RXFP1/RXFP2  
TrH2\_TrispH2\_011437



GPCRrhod.HG162.0:NA  
TrH2\_TrispH2\_008489

UMI per 10k





GPCRrhod.HG166.1:NA  
TrH2\_TrispH2\_010707



GPCRrhod.HG169.0:NA  
TrH2\_TrispH2\_005398



GPCRrhod.HG170.0:NA  
TrH2\_TrispH2\_007804

UMI per 10k

1.5  
1.0  
0.5  
0.0

4

5

18

13

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6

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16

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11

17

19

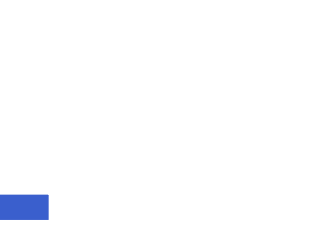
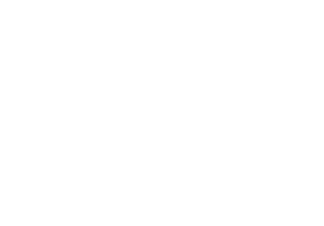
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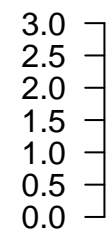
14

12



GPCRrhod.HG171.0:NA  
TrH2\_TrispH2\_010368

UMI per 10k



GPCRrhod.HG189.0:NA  
TrH2\_TrispH2\_004020

UMI per 10k

1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

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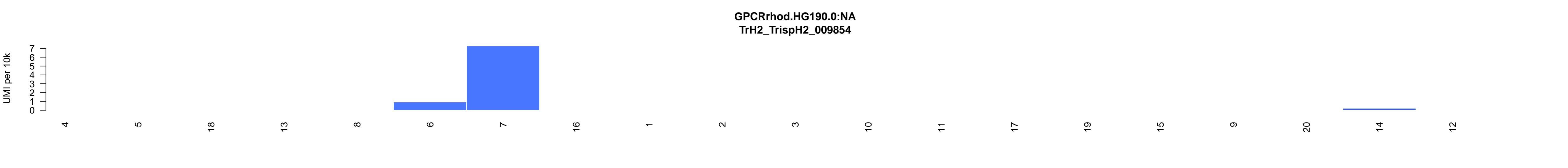
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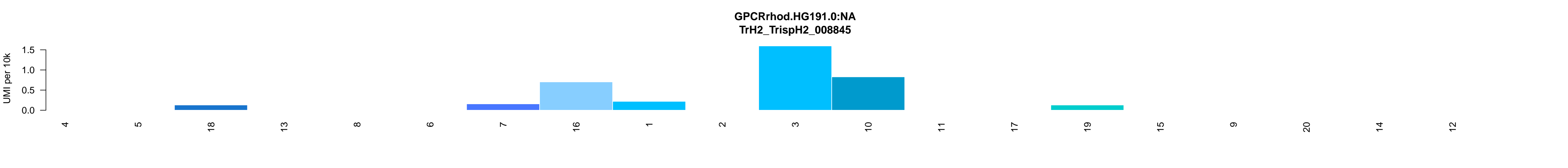
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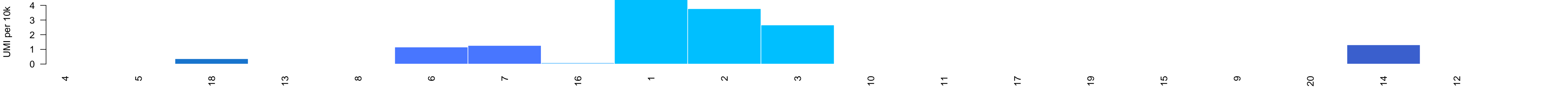
GPCRrhod.HG2.13:like:GPR19/GPR176  
TrH2\_TrispH2\_007408





GPCRrhod.HG2.2:like:CCKAR/CCKBR/GHSR/GPR19/GPR39/GPR83/GPR176/HCRTR1/HCRTR2/MLNR/NMUR1/NMUR2/NPFFR1/NPFFR2/NPY1R/NPY2R/NPY4R/NPY4R2/NPY5R/NTSR1/NTSR2/PRLHR/PROKR1/PROKR2/QRFPR/TACR1/TACR2/TACR3/TRHR

TrH2\_TrispH2\_007502



GPCRrhod.HG2.2:like:CCKAR/CCKBR/GHSR/GPR19/GPR39/GPR83/GPR176/HCRTR1/HCRTR2/MLNR/NMUR1/NMUR2/NPFFR1/NPFFR2/NPY1R/NPY2R/NPY4R/NPY4R2/NPY5R/NTSR1/NTSR2/PRLHR/PROKR1/PROKR2/QRFPR/TACR1/TACR2/TACR3/TRHR

TrH2\_TrispH2\_007504



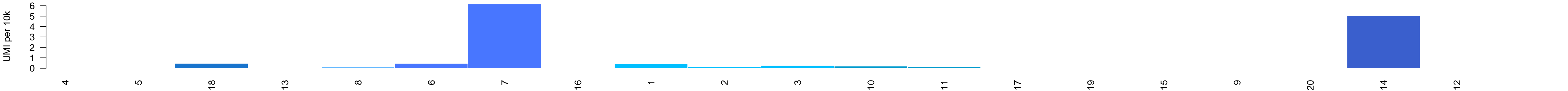
GPCRrhod.HG2.3:like:CCKAR/CCKBR/GHSR/GPR19/GPR39/GPR83/GPR176/HCRTR1/HCRTR2/MLNR/NMUR1/NMUR2/NPFFR1/NPFFR2/NPY1R/NPY2R/NPY4R/NPY4R2/NPY5R/NTSR1/NTSR2/PRLHR/PROKR1/PROKR2/QRFPR/TACR1/TACR2/TACR3/TRHR

TrH2\_TrispH2\_005071



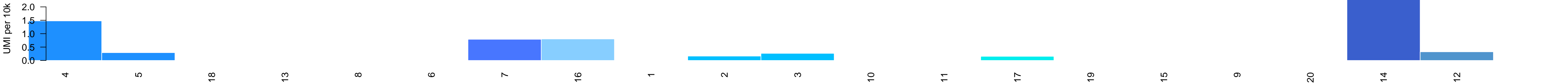
GPCRrhod.HG2.3:like:CCKAR/CCKBR/GHSR/GPR19/GPR39/GPR83/GPR176/HCRTR1/HCRTR2/MLNR/NMUR1/NMUR2/NPFFR1/NPFFR2/NPY1R/NPY2R/NPY4R/NPY4R2/NPY5R/NTSR1/NTSR2/PRLHR/PROKR1/PROKR2/QRFPR/TACR1/TACR2/TACR3/TRHR

TrH2\_TrispH2\_010502



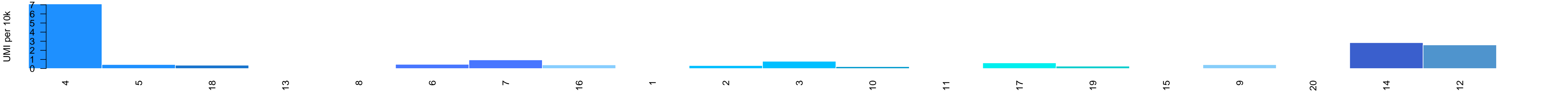
GPCRrhod.HG2.3:like:CCKAR/CCKBR/GHSR/GPR19/GPR39/GPR83/GPR176/HCRTR1/HCRTR2/MLNR/NMUR1/NMUR2/NPFFR1/NPFFR2/NPY1R/NPY2R/NPY4R/NPY4R2/NPY5R/NTSR1/NTSR2/PRLHR/PROKR1/PROKR2/QRFPR/TACR1/TACR2/TACR3/TRHR

TrH2\_TrispH2\_011293



GPCRrhod.HG2.3:like:CCKAR/CCKBR/GHSR/GPR19/GPR39/GPR83/GPR176/HCRTR1/HCRTR2/MLNR/NMUR1/NMUR2/NPFFR1/NPFFR2/NPY1R/NPY2R/NPY4R/NPY4R2/NPY5R/NTSR1/NTSR2/PRLHR/PROKR1/PROKR2/QRFPR/TACR1/TACR2/TACR3/TRHR

TrH2\_TrispH2\_011294



GPCRrhod.HG2.3:like:CCKAR/CCKBR/GHSR/GPR19/GPR39/GPR83/GPR176/HCRTR1/HCRTR2/MLNR/NMUR1/NMUR2/NPFFR1/NPFFR2/NPY1R/NPY2R/NPY4R/NPY4R2/NPY5R/NTSR1/NTSR2/PRLHR/PROKR1/PROKR2/QRFPR/TACR1/TACR2/TACR3/TRHR

TrH2\_TrispH2\_011994



GPCRrhod.HG2.42:like:NPFFR1/NPFFR2  
TrH2\_TrispH2\_006690

UMI per 10k

1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

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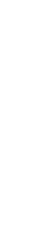
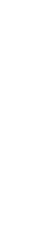
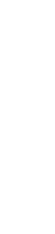
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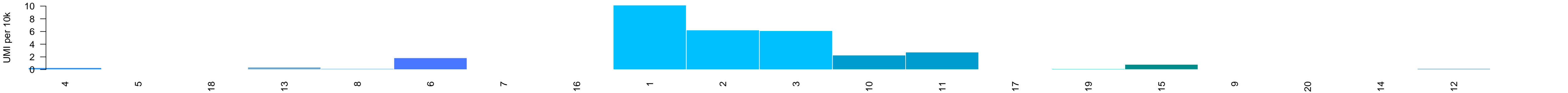




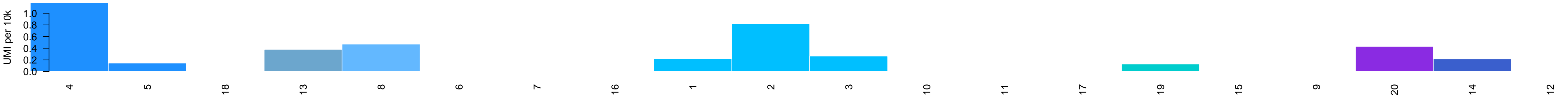
GPCRrhod.HG2.45:like:NPFFR1/NPFFR2  
TrH2\_TrispH2\_001901



GPCRrhod.HG2.45:like:NPFFR1/NPFFR2  
TrH2\_TrispH2\_009841



GPCRrhod.HG2.45:like:NPFFR1/NPFFR2  
TrH2\_TrispH2\_010994



GPCRrhod.HG2.46:like:NPFFR1/NPFFR2  
TrH2\_TrispH2\_011049

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



GPCRrhod.HG2.47:like:NPFFR1/NPFFR2  
TrH2\_TrispH2\_004486

UMI per 10k

1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

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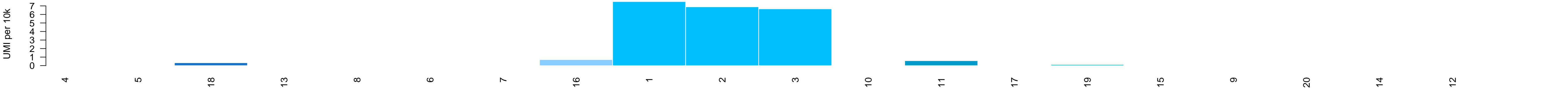
20

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GPCRrhod.HG2.48:like:NPFFR1/NPFFR2  
TrH2\_TrispH2\_010399



GPCRrhod.HG2.50:like:NPFFR1/NPFFR2  
TrH2\_TrispH2\_009407

UMI per 10k

6  
4  
2  
0

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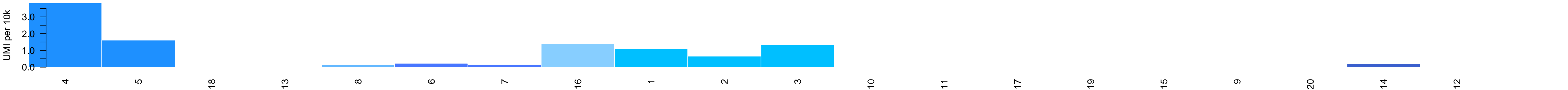
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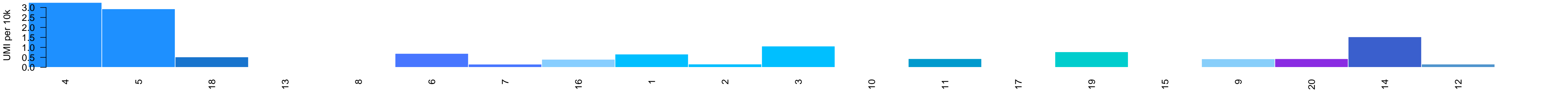


GPCRrhod.HG2.51:like:NPFFR1/NPFFR2  
TrH2\_TrispH2\_011048

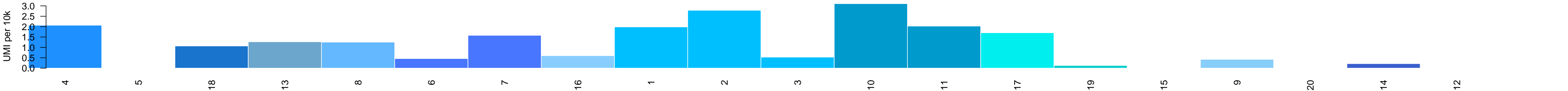




GPCRrhod.HG2.54:like:NPFFR1/NPFFR2  
TrH2\_TrispH2\_005098



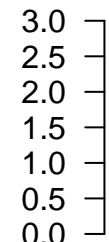
GPCRrhod.HG2.56:like:NPFFR1/NPFFR2  
TrH2\_TrispH2\_005100





GPCRrhod.HG22.10:NA  
TrH2\_TrispH2\_007253

UMI per 10k



GPCRrhod.HG22.13:NA  
TrH2\_TrispH2\_005870

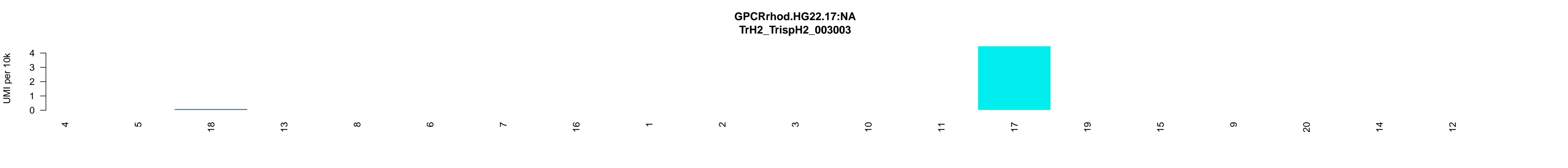


GPCRrhod.HG22.14:NA  
TrH2\_TrispH2\_007956



GPCRrhod.HG22.16:NA  
TrH2\_TrispH2\_007667







GPCRrhod.HG22.2:NA  
TrH2\_TrispH2\_007673

UMI per 10k

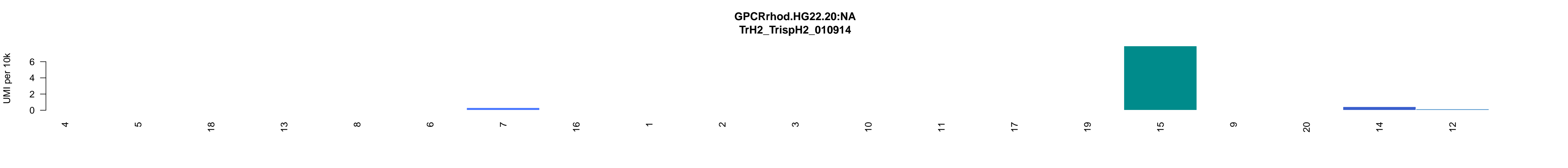
6  
4  
2  
0

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



GPCRrhod.HG22.20:NA  
TrH2\_TrispH2\_010912





GPCRrhod.HG22.23:NA  
TrH2\_TrispH2\_008127

UMI per 10k

12  
10  
8  
6  
4  
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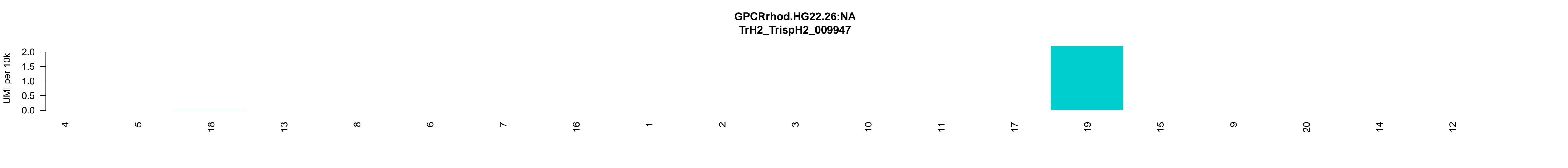
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12



GPCRrhod.HG22.25:NA  
TrH2\_TrispH2\_007969





GPCRrhod.HG22.27:NA  
TrH2\_TrispH2\_006274

UMI per 10k

1.5  
1.0  
0.5  
0.0



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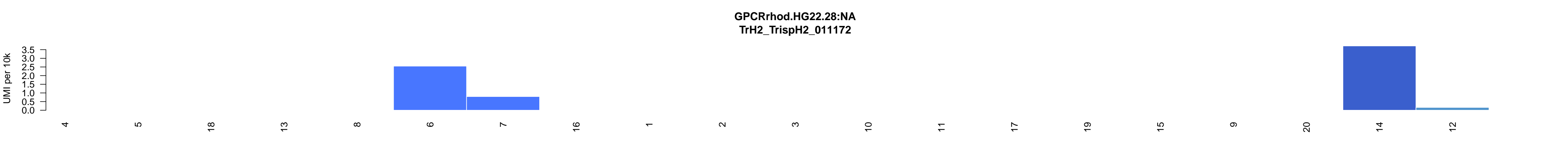
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GPCRrhod.HG22.29:NA  
TrH2\_TrispH2\_008626

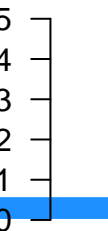


GPCRrhod.HG22.30:NA  
TrH2\_TrispH2\_008405



GPCRrhod.HG22.32:NA  
TrH2\_TrispH2\_011346

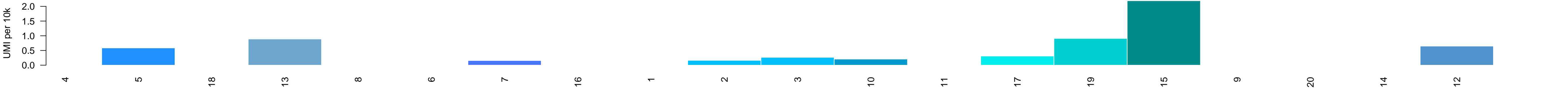
UMI per 10k



GPCRrhod.HG22.33:NA  
TrH2\_TrispH2\_010745

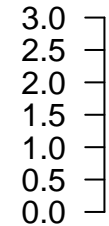


GPCRrhod.HG22.34:NA  
TrH2\_TrispH2\_002533



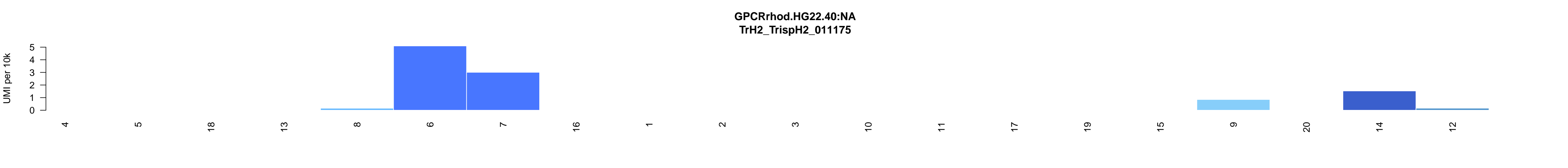
GPCRrhod.HG22.38:NA  
TrH2\_TrispH2\_009369

UMI per 10k



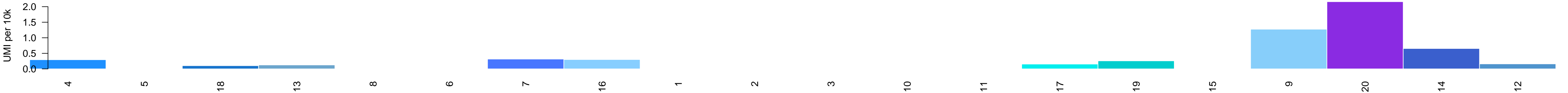
GPCRrhod.HG22.4:NA  
TrH2\_TrispH2\_011413







GPCRrhod.HG22.41:NA  
TrH2\_TrispH2\_011434



GPCRrhod.HG22.43:NA  
TrH2\_TrispH2\_009424



GPCRrhod.HG22.45:NA  
TrH2\_TrispH2\_011287

UMI per 10k

3.5  
3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0

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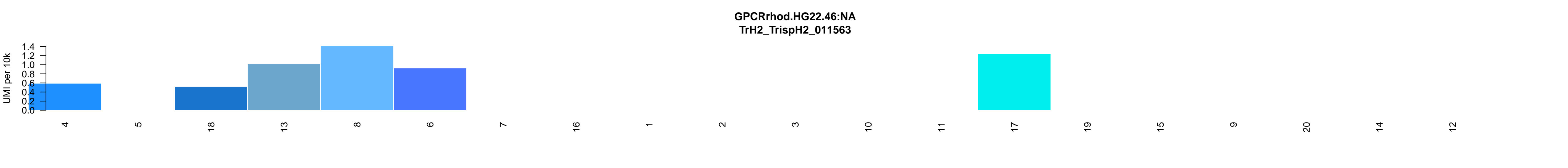
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GPCRrhod.HG22.47:NA  
TrH2\_TrispH2\_010746

UMI per 10k

5  
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GPCRrhod.HG22.5:NA  
TrH2\_TrispH2\_008387

UMI per 10k

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GPCRrhod.HG22.53:NA  
TrH2\_TrispH2\_009782

UMI per 10k

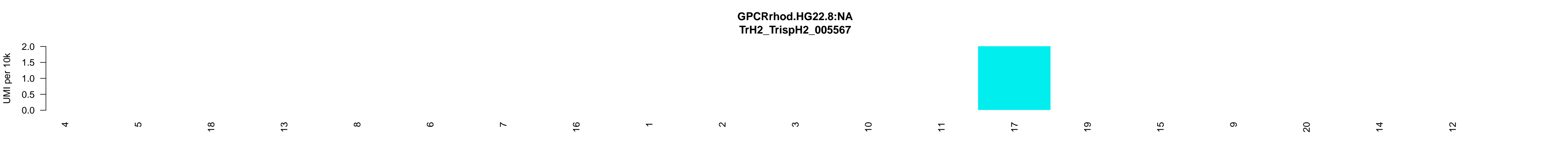
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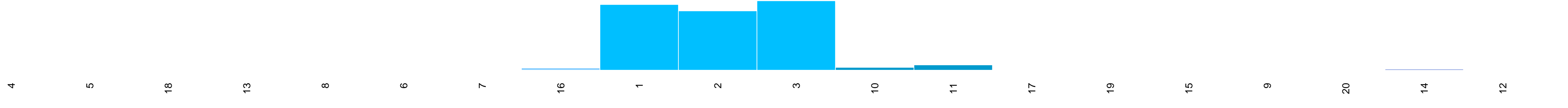
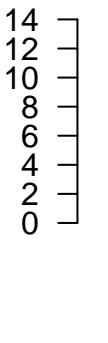






GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_000197

UMI per 10k



GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_000198

UMI per 10k

1.5  
1.0  
0.5  
0.0

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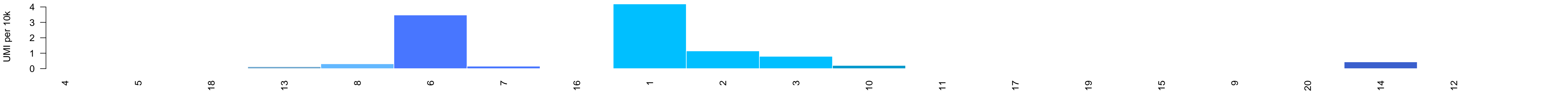
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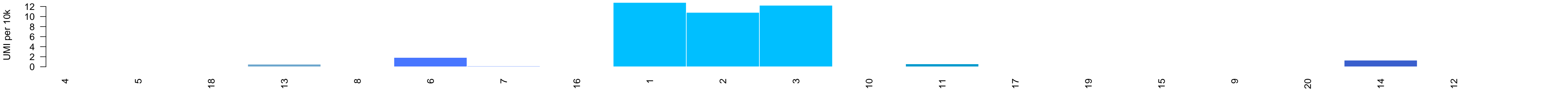
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GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_004430



GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_004433

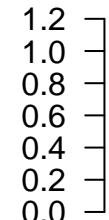


GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_004435



GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_005638

UMI per 10k



GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_006449





GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_006451

UMI per 10k

6  
5  
4  
3  
2  
1  
0

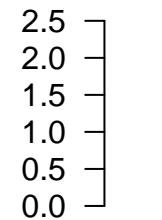


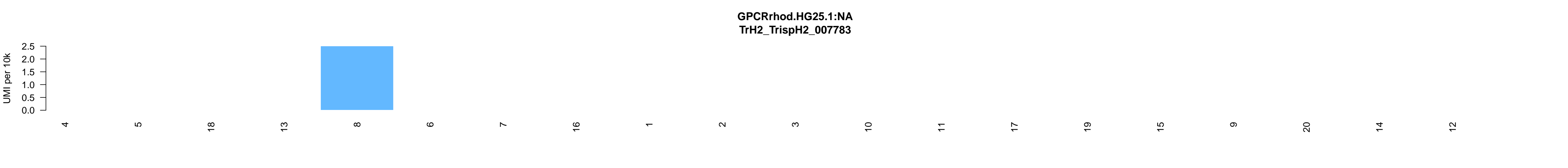
4 5 18 13 8 6 7 16 1 2 3 10 11 17 19 15 9 20 14 12



GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_006452

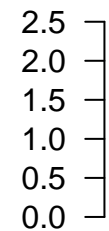
UMI per 10k

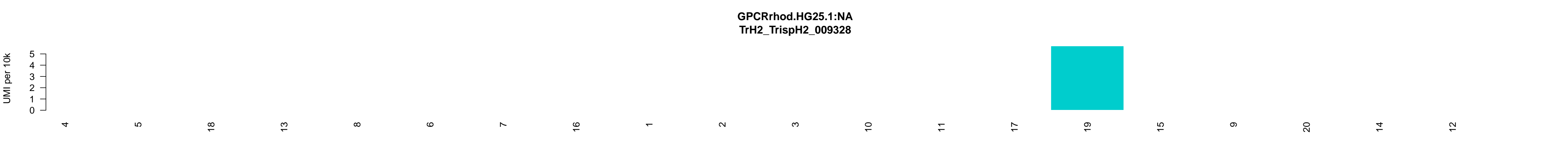




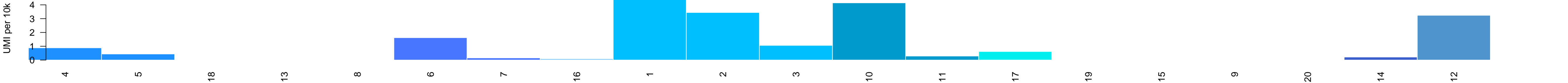
GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_008226

UMI per 10k



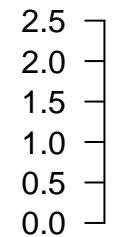


GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_009406



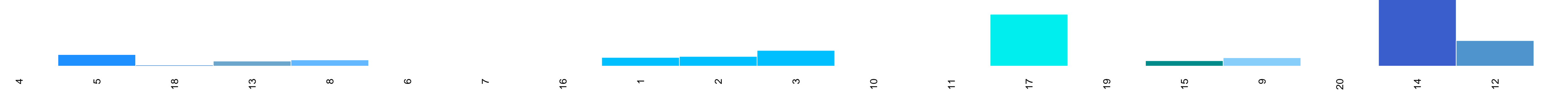
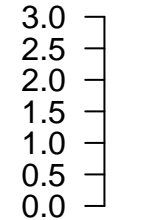
GPCRrhod.HG25.1:NA  
TrH2\_TrispH2\_011373

UMI per 10k



GPCRrhod.HG29.0:NA  
TrH2\_TrispH2\_001978

UMI per 10k





GPCRrhod.HG29.0:NA  
TrH2\_TrispH2\_001979

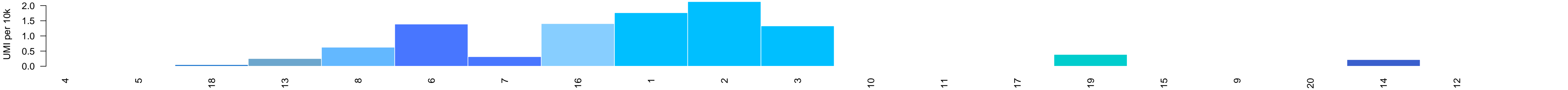
UMI per 10k

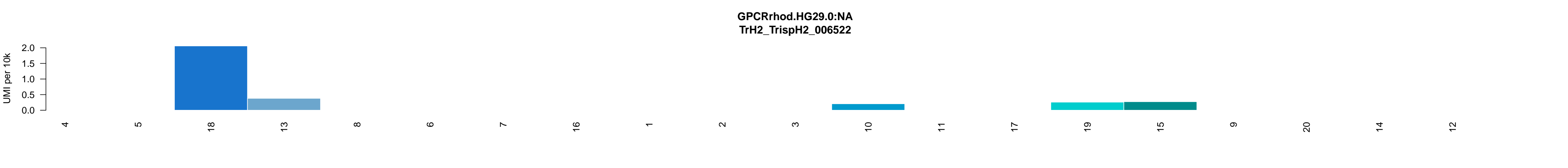
1.5  
1.0  
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0.0

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



GPCRrhod.HG29.0:NA  
TrH2\_TrispH2\_002038





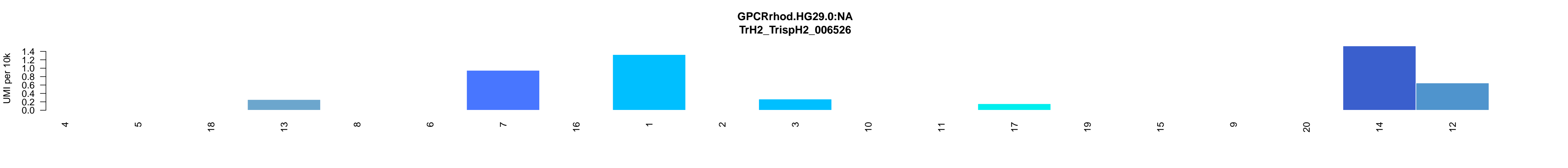
GPCRrhod.HG29.0:NA  
TrH2\_TrispH2\_006525

UMI per 10k

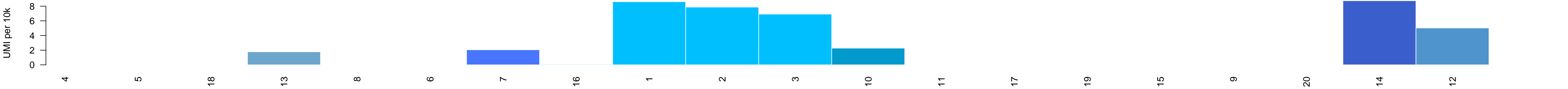
2.0  
1.5  
1.0  
0.5  
0.0

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



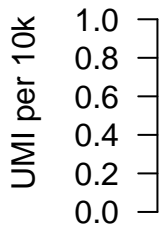


GPCRrhod.HG29.0:NA  
TrH2\_TrispH2\_006527



GPCRrhod.HG29.0:NA  
TrH2\_TrispH2\_008291

UMI per 10k

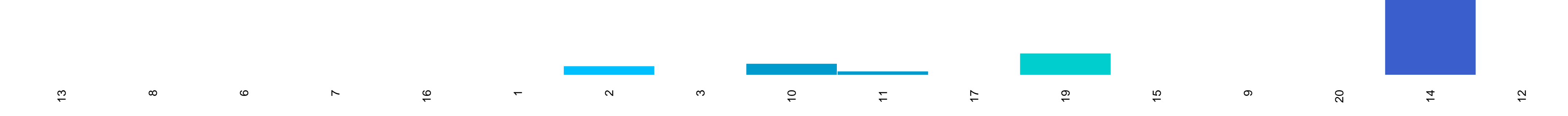


GPCRrhod.HG29.1:NA  
TrH2\_TrispH2\_009857

UMI per 10k

2.5  
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





GPCRrhod.HG29.11:NA  
TrH2\_TrispH2\_003321

UMI per 10k

1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

4

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18

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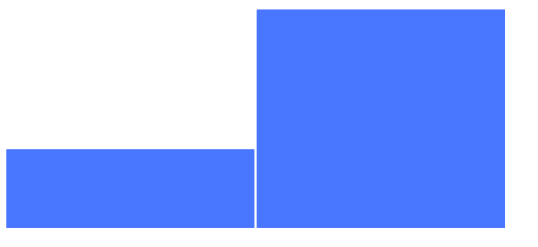
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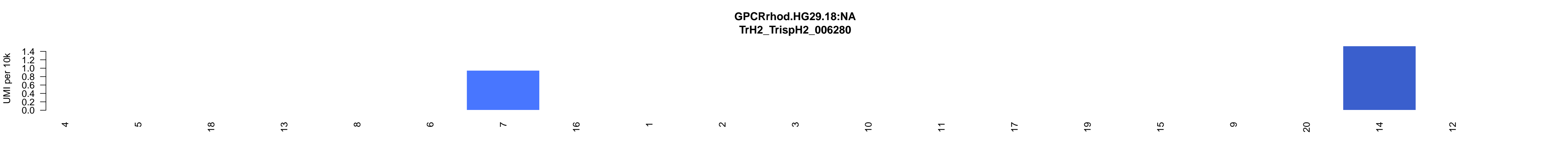
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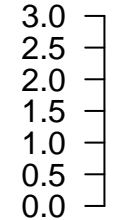


GPCRrhod.HG29.25:NA  
TrH2\_TrispH2\_003319

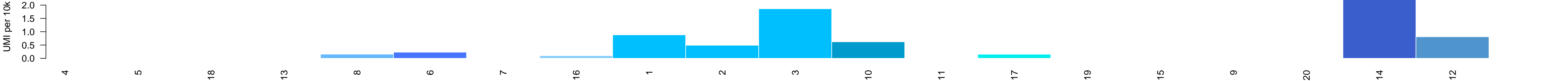


GPCRrhod.HG29.3:NA  
TrH2\_TrispH2\_006374

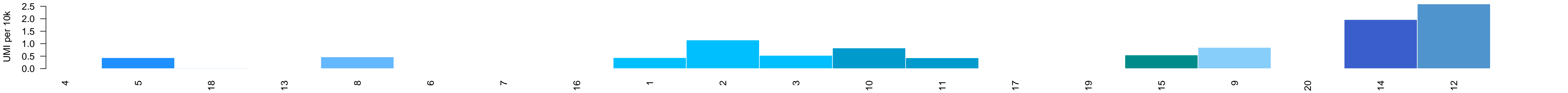
UMI per 10k



GPCRrhod.HG29.36:NA  
TrH2\_TrispH2\_010167

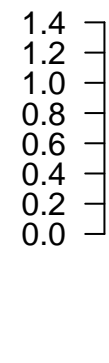


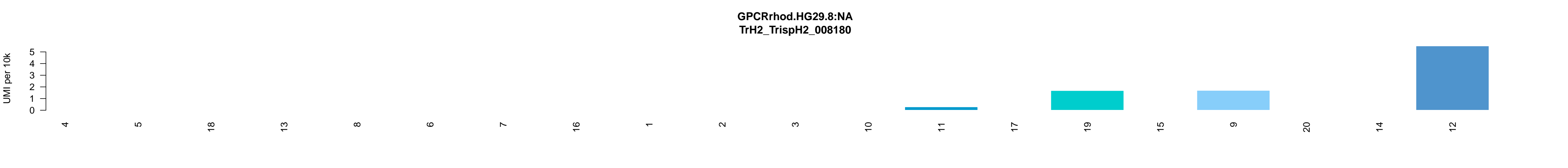
GPCRrhod.HG29.6:NA  
TrH2\_TrispH2\_008178



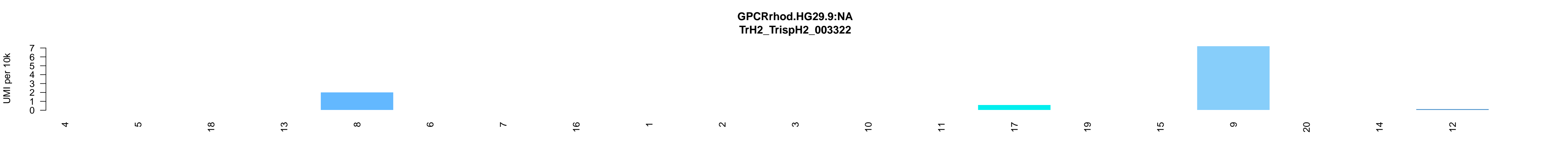
GPCRrhod.HG29.7:NA  
TrH2\_TrispH2\_008179

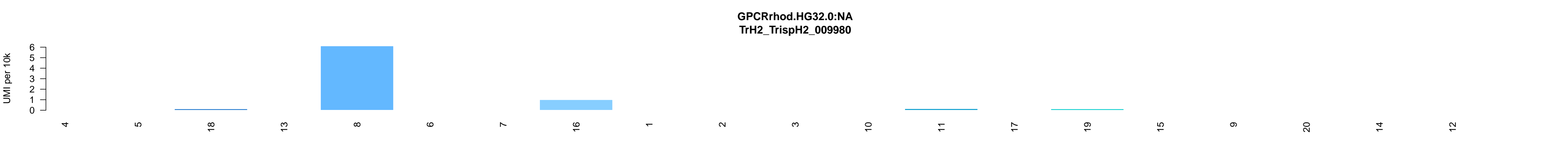
UMI per 10k











GPCRrhod.HG32.11:NA  
TrH2\_TrispH2\_009542

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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3

10

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17

19

15

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GPCRrhod.HG32.12:NA  
TrH2\_TrispH2\_011980

UMI per 10k

3.5  
3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0

4

5

18

13

8

6

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16

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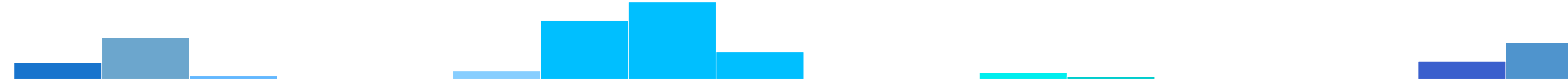
15

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GPCRrhod.HG32.13:NA  
TrH2\_TrispH2\_009693

UMI per 10k

1.0  
0.8  
0.6  
0.4  
0.2  
0.0



4

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18

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1

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GPCRrhod.HG32.19:NA  
TrH2\_TrispH2\_009543

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0



4

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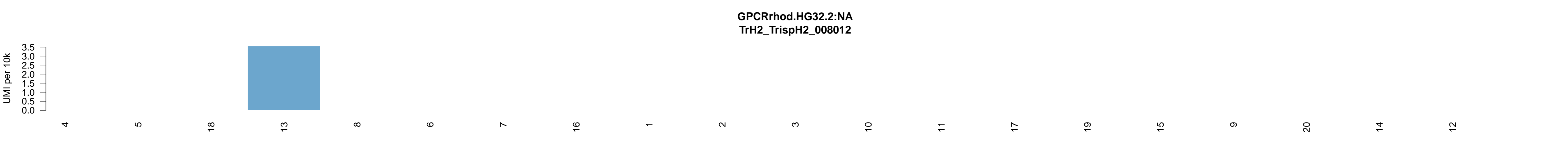
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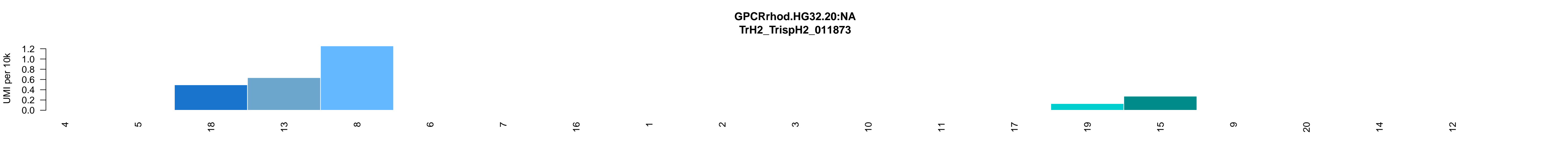
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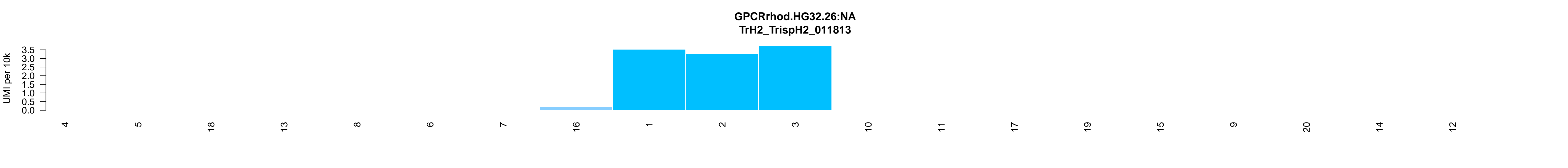






GPCRrhod.HG32.21:NA  
TrH2\_TrispH2\_011981





GPCRrhod.HG32.26:NA  
TrH2\_TrispH2\_011814

UMI per 10k

3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0



4

5

18

13

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6

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16

1

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3

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GPCRrhod.HG32.26:NA  
TrH2\_TrispH2\_012158

UMI per 10k

1.5  
1.0  
0.5  
0.0

4

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18

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16

1

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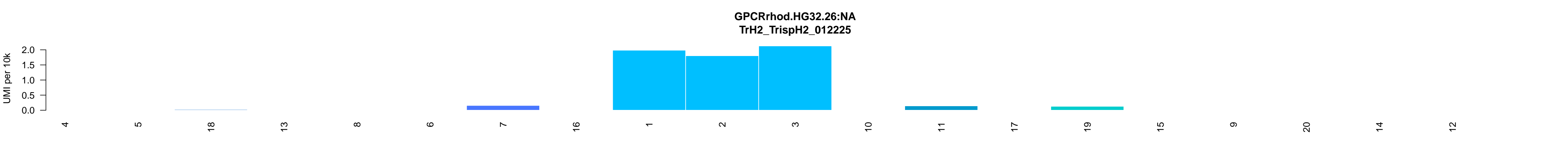
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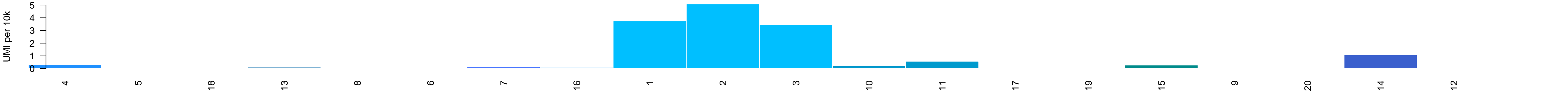
14

12





GPCRrhod.HG32.29:NA  
TrH2\_TrispH2\_011312



GPCRrhod.HG32.30:NA  
TrH2\_TrispH2\_011812

UMI per 10k

5  
4  
3  
2  
1  
0

4

5

18

13

8

6

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16

1

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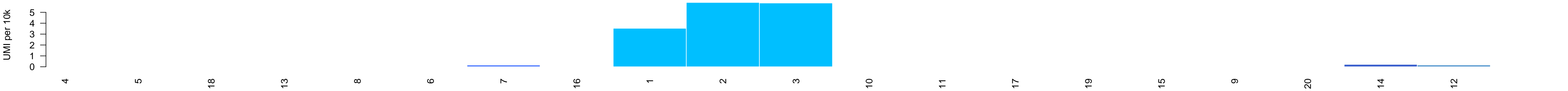
15

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GPCRrhod.HG32.31:NA  
TrH2\_TrispH2\_011811

UMI per 10k

8  
6  
4  
2  
0

4

5

18

13

8

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16

1

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GPCRrhod.HG32.32:NA  
TrH2\_TrispH2\_011770



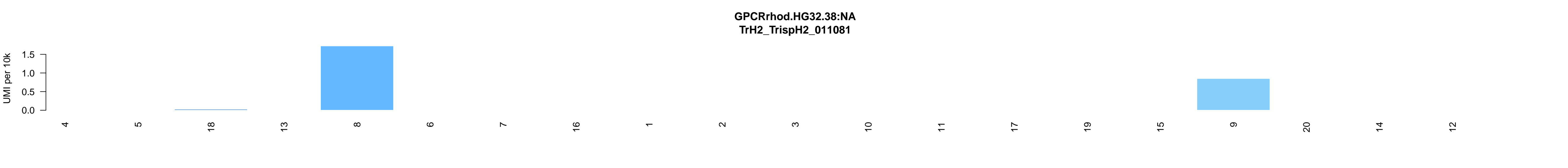
GPCRrhod.HG32.36:NA  
TrH2\_TrispH2\_011082

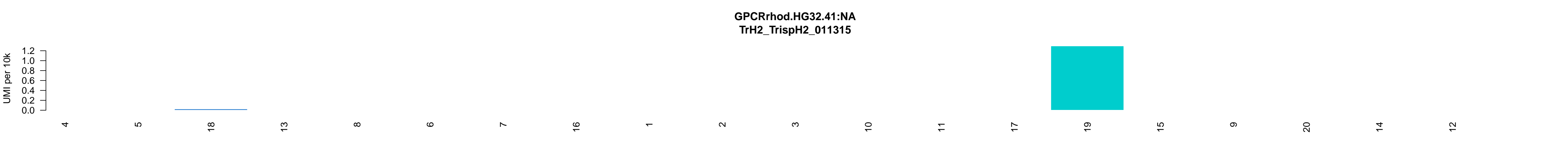
UMI per 10k

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









GPCRrhod.HG32.7:NA  
TrH2\_TrispH2\_011311



GPCRrhod.HG34.18:NA  
TrH2\_TrispH2\_006321

UMI per 10k

1.5  
1.0  
0.5  
0.0

4

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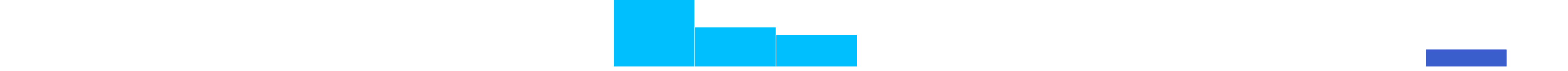
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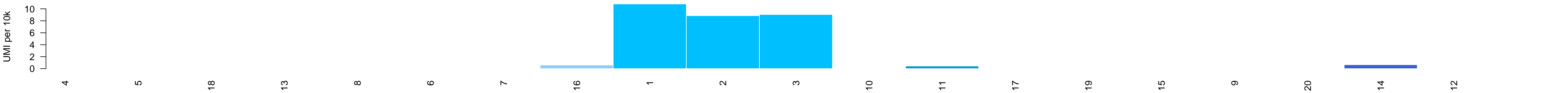
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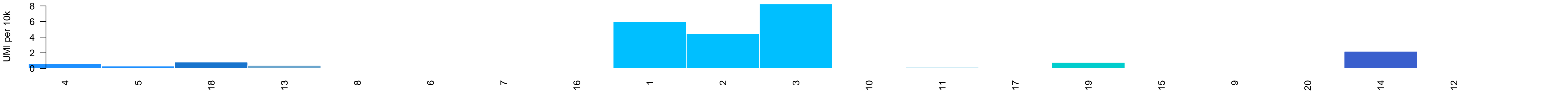


GPCRrhod.HG34.18:NA  
TrH2\_TrispH2\_012214

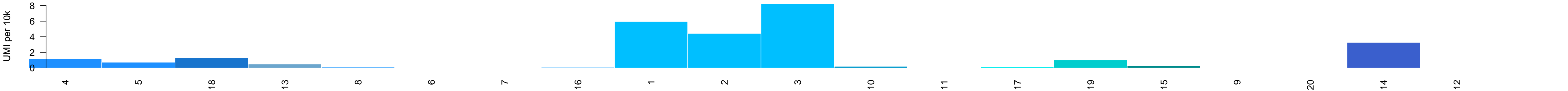




GPCRrhod.HG34.19:NA  
TrH2\_TrispH2\_009595



GPCRrhod.HG34.19:NA  
TrH2\_TrispH2\_012159



GPCRrhod.HG34.19:NA  
TrH2\_TrispH2\_012160

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0

4

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18

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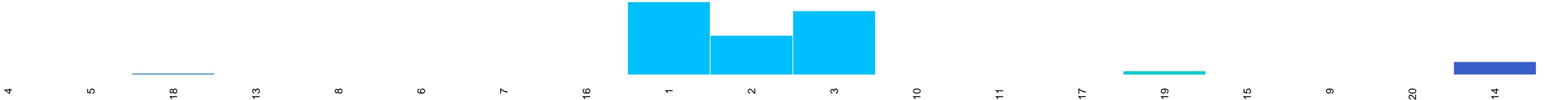
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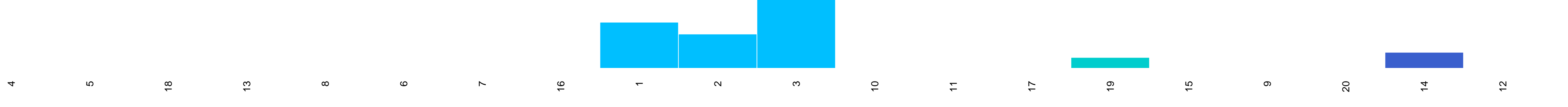
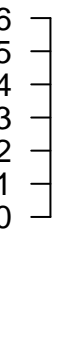
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12



GPCRrhod.HG34.25:NA  
TrH2\_TrispH2\_011704

UMI per 10k

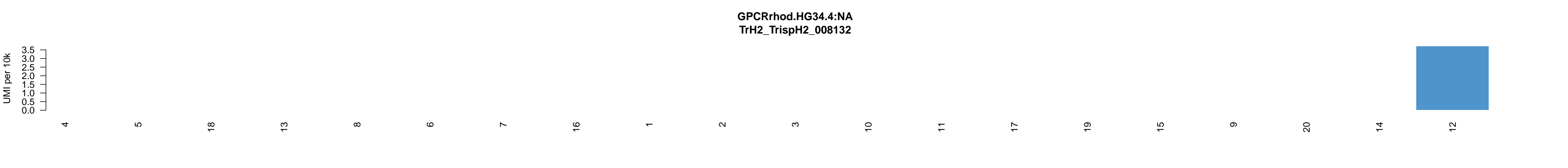


GPCRrhod.HG34.28:NA  
TrH2\_TrispH2\_004317



GPCRrhod.HG34.29:NA  
TrH2\_TrispH2\_011868





GPCRrhod.HG34.5:NA  
TrH2\_TrispH2\_002953

UMI per 10k

1.5  
1.0  
0.5  
0.0

4

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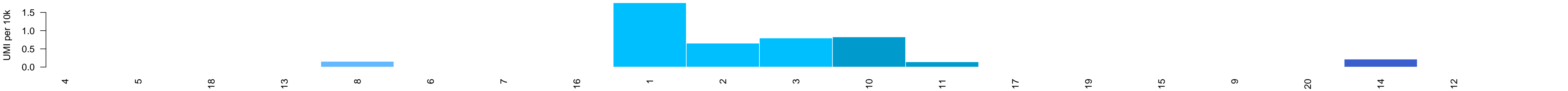
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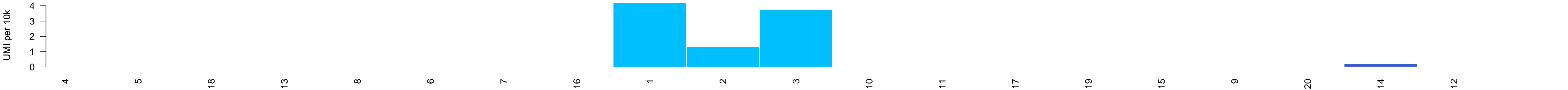
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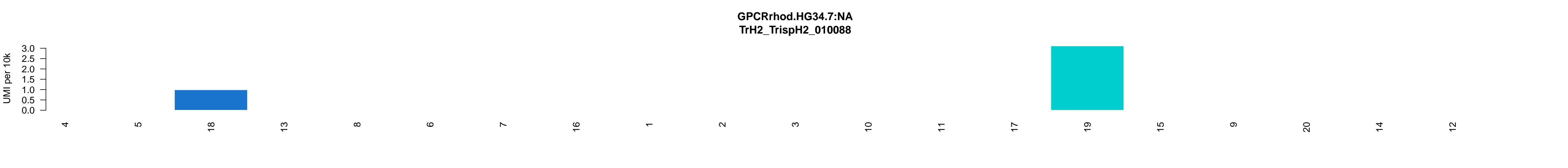
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GPCRrhod.HG34.6:NA  
TrH2\_TrispH2\_000870

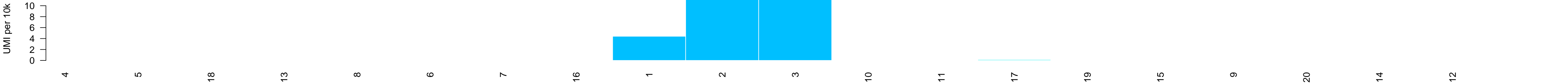




GPCRrhod.HG36.0:NA  
TrH2\_TrispH2\_010203



GPCRrhod.HG36.1:NA  
TrH2\_TrispH2\_002084



GPCRrhod.HG36.10:NA  
TrH2\_TrispH2\_000210

UMI per 10k

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

4

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GPCRrhod.HG36.11:NA  
TrH2\_TrispH2\_011898

UMI per 10k

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

4

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18

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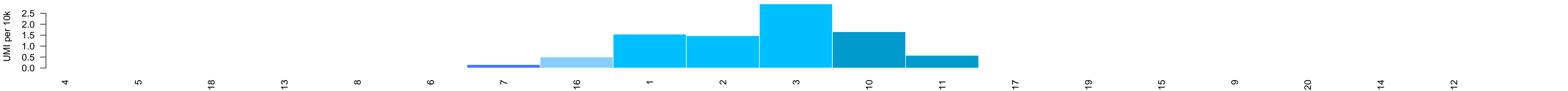
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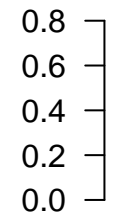
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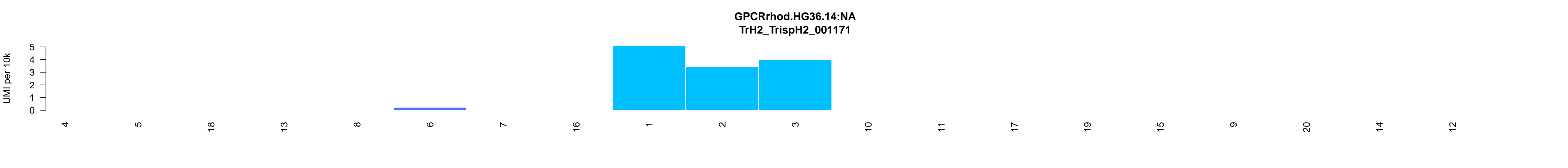
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GPCRrhod.HG36.12:NA  
TrH2\_TrispH2\_005495

UMI per 10k







GPCRrhod.HG36.15:NA  
TrH2\_TrispH2\_005496

UMI per 10k

3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0

4

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18

13

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6

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16

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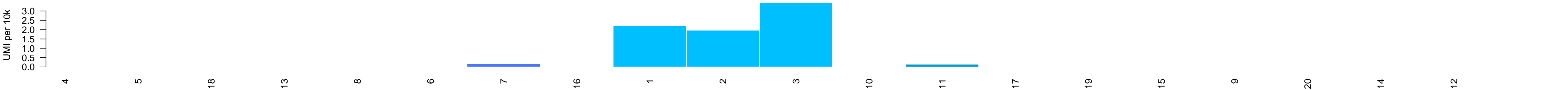
15

9

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12



GPCRrhod.HG36.16:NA  
TrH2\_TrispH2\_011899

UMI per 10k

1.5  
1.0  
0.5  
0.0

4

5

18

13

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6

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16

1

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GPCRrhod.HG36.18:NA  
TrH2\_TrispH2\_012176



GPCRrhod.HG36.19:NA  
TrH2\_TrispH2\_001020



GPCRrhod.HG36.2:NA  
TrH2\_TrispH2\_009856

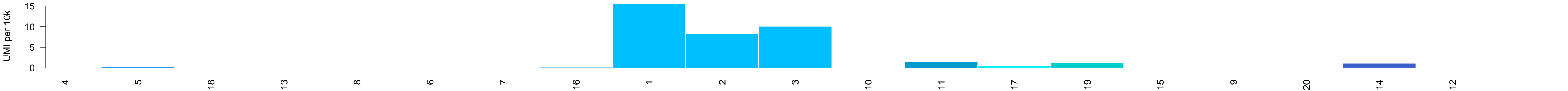
UMI per 10k

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 20 14 12



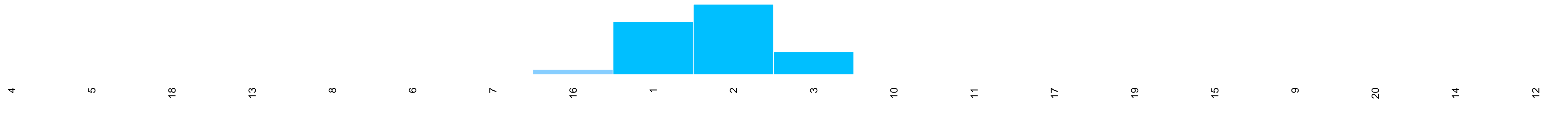
GPCRrhod.HG36.20:NA  
TrH2\_TrispH2\_005498



GPCRrhod.HG36.20:NA  
TrH2\_TrispH2\_011772

UMI per 10k

4  
3  
2  
1  
0



GPCRrhod.HG36.26:NA  
TrH2\_TrispH2\_010971





GPCRrhod.HG36.28:NA  
TrH2\_TrispH2\_005499

UMI per 10k

1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

4

5

18

13

8

6

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16

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17

19

15

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20

14

12



GPCRrhod.HG36.30:NA  
TrH2\_TrispH2\_011900

UMI per 10k

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 20 14 12



GPCRrhod.HG36.31:NA  
TrH2\_TrispH2\_008975

UMI per 10k

4  
3  
2  
1  
0

4

5

18

13

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16

1

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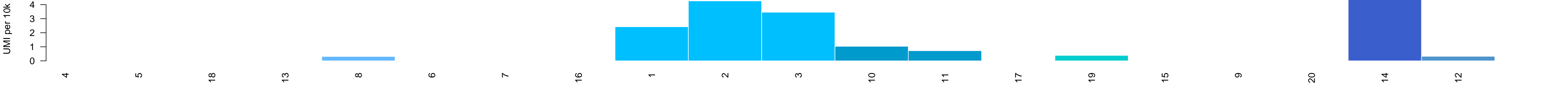
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9

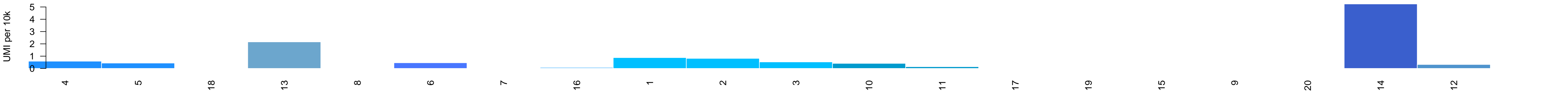
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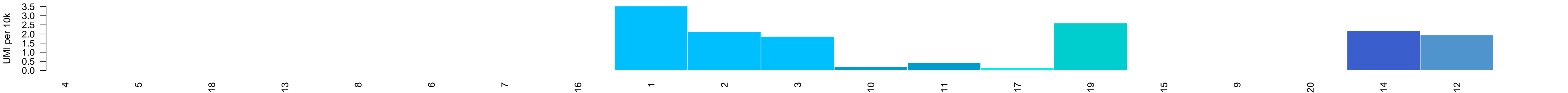
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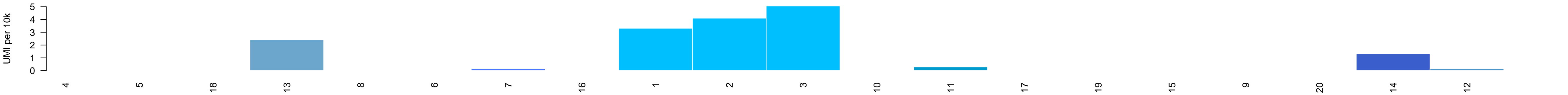
GPCRrhod.HG36.34:NA  
TrH2\_TrispH2\_008976

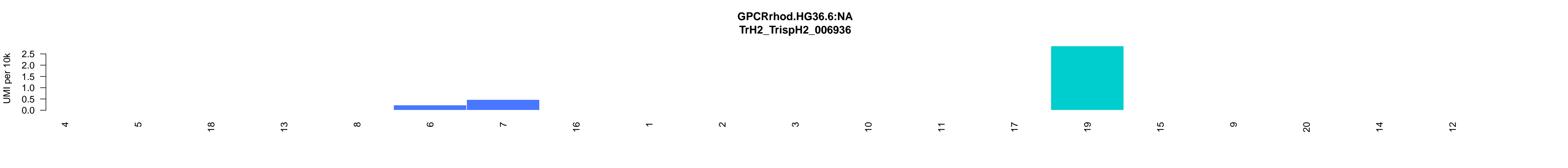


GPCRrhod.HG36.4:NA  
TrH2\_TrispH2\_006940



GPCRrhod.HG36.5:NA  
TrH2\_TrispH2\_002172



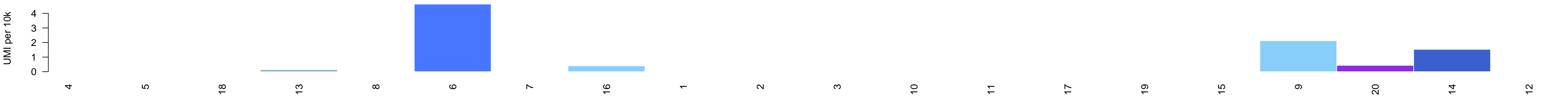


GPCRrhod.HG36.9:NA  
TrH2\_TrispH2\_003705

UMI per 10k

4  
3  
2  
1  
0

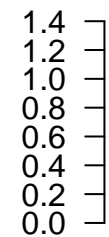
4 5 18 13 8 6 7 16 1 2 3 10 11 17 19 15 9 20 14 12

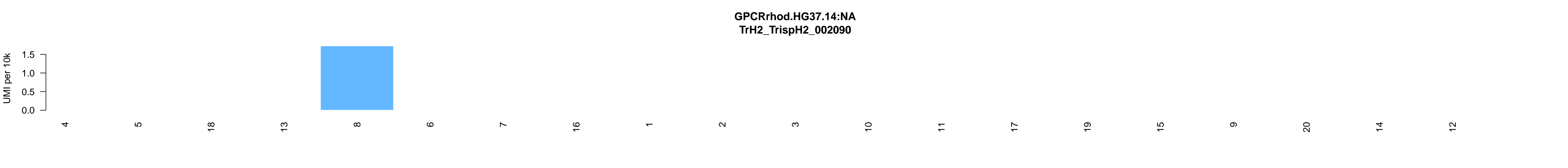




GPCRrhod.HG37.0:NA  
TrH2\_TrispH2\_011871

UMI per 10k



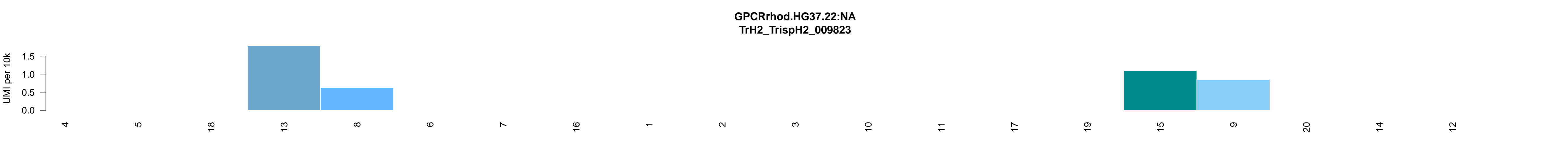


GPCRrhod.HG37.15:NA  
TrH2\_TrispH2\_011967



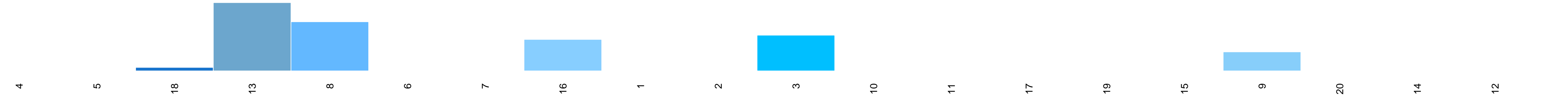
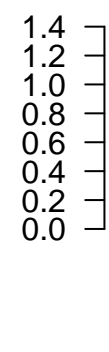
GPCRrhod.HG37.21:NA  
TrH2\_TrispH2\_011251





GPCRrhod.HG37.3:NA  
TrH2\_TrispH2\_011714

UMI per 10k

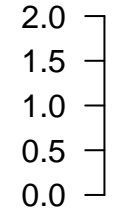


GPCRrhod.HG37.37:NA  
TrH2\_TrispH2\_009833



GPCRrhod.HG37.6:NA  
TrH2\_TrispH2\_007337

UMI per 10k





GPCRrhod.HG37.6:NA  
TrH2\_TrispH2\_007338

UMI per 10k

1.5  
1.0  
0.5  
0.0



4

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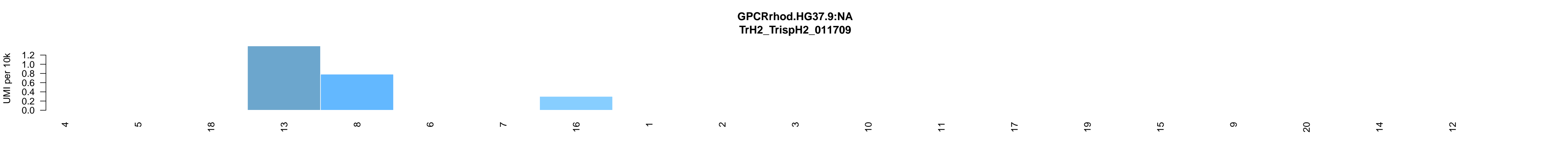
15

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GPCRrhod.HG38.2:FSHR/LHCGR/TSHR

TrH2\_TrispH2\_008373

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0

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16

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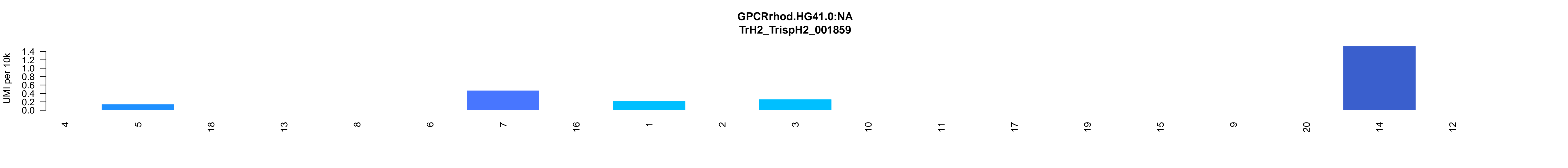
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12



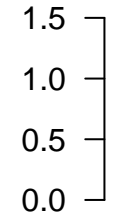
GPCRrhod.HG38.2:FSHR/LHCGR/TSHR  
TrH2\_TrispH2\_009078



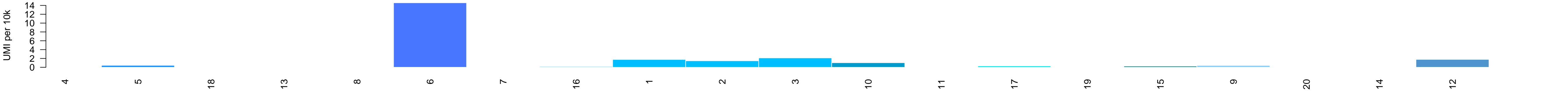


GPCRrhod.HG41.10:NA  
TrH2\_TrispH2\_006602

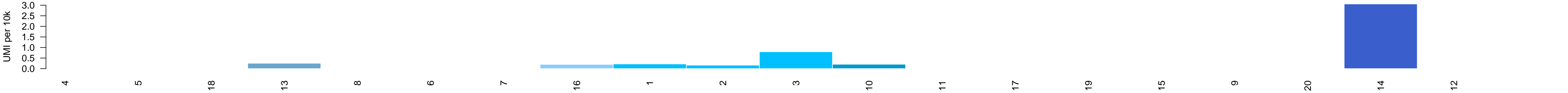
UMI per 10k



GPCRrhod.HG41.13:NA  
TrH2\_TrispH2\_006605



GPCRrhod.HG41.3:NA  
TrH2\_TrispH2\_009546



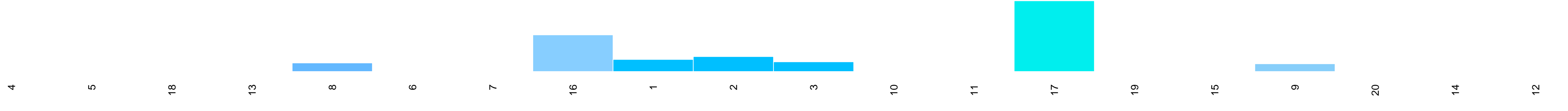
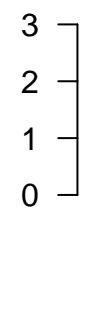


GPCRrhod.HG41.3:NA  
TrH2\_TrispH2\_010858



GPCRrhod.HG41.3:NA  
TrH2\_TrispH2\_012232

UMI per 10k



GPCRrhod.HG41.4:NA  
TrH2\_TrispH2\_006582

UMI per 10k

5  
4  
3  
2  
1  
0

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16

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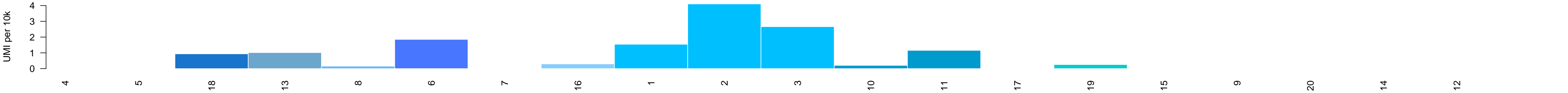
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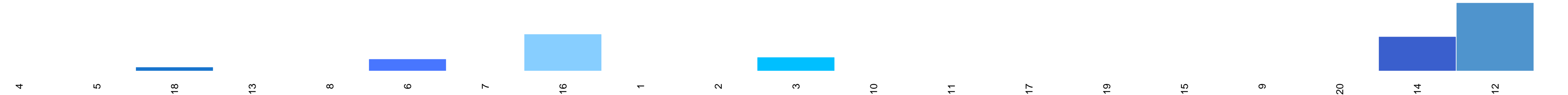
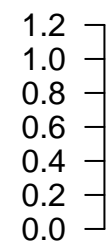


GPCRrhod.HG41.9:NA  
TrH2\_TrispH2\_006600



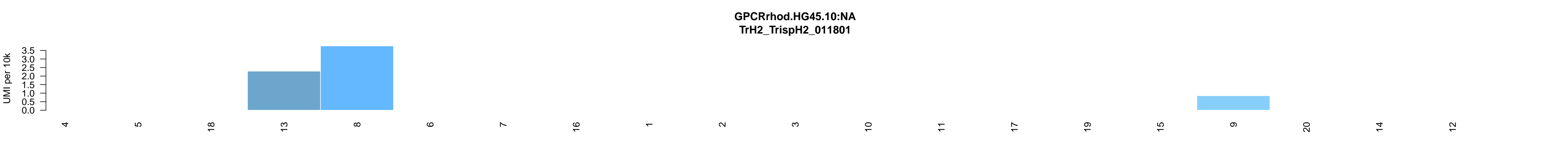
GPCRrhod.HG45.0:NA  
TrH2\_TrispH2\_001061

UMI per 10k



GPCRrhod.HG45.10:NA  
TrH2\_TrispH2\_011630





GPCRrhod.HG45.11:NA  
TrH2\_TrispH2\_008040



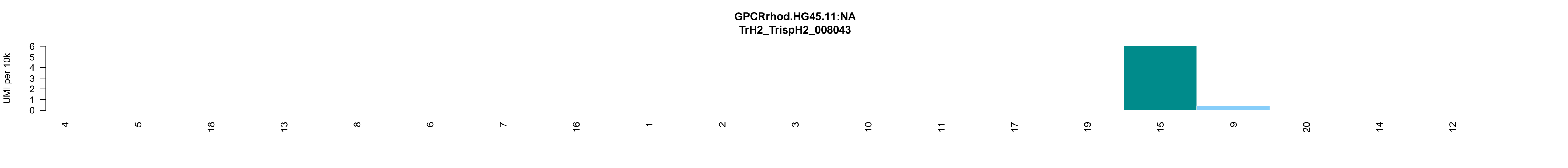


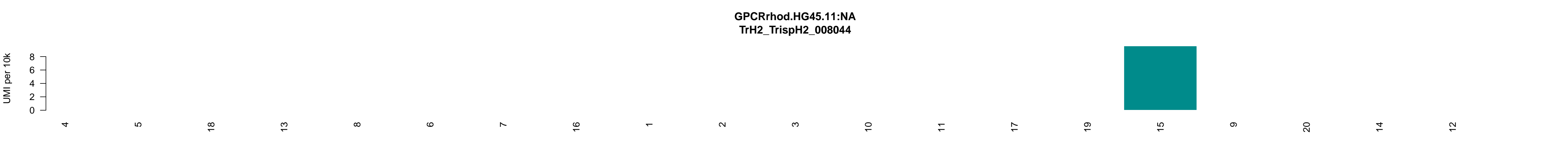
GPCRrhod.HG45.11:NA  
TrH2\_TrispH2\_008041

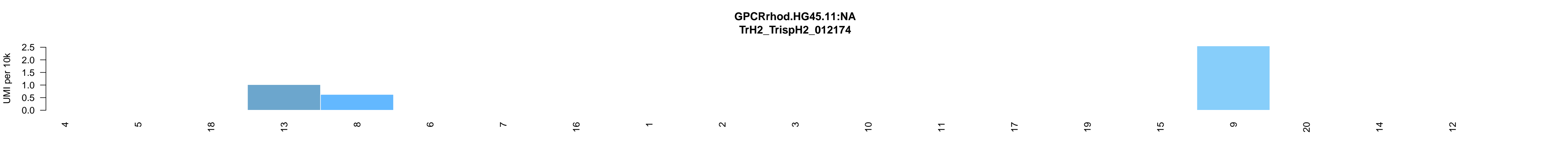


GPCRrhod.HG45.11:NA  
TrH2\_TrispH2\_008042



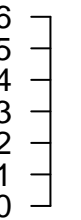






GPCRrhod.HG45.2:NA  
TrH2\_TrispH2\_008491

UMI per 10k



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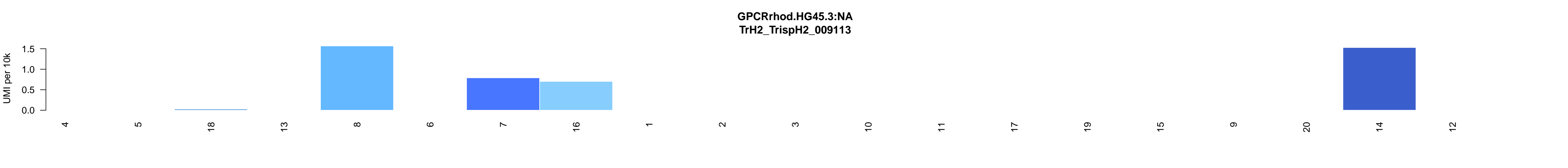
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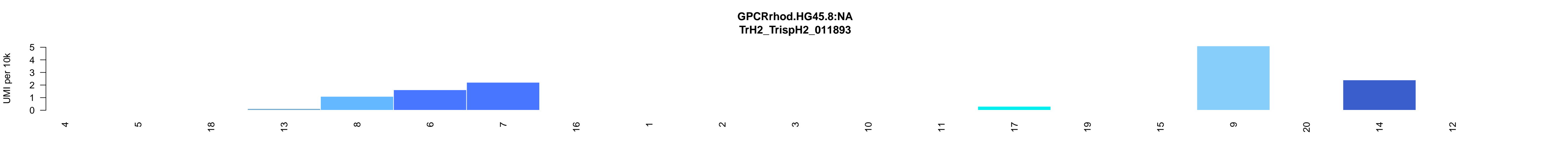
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GPCRrhod.HG5.2:like:GPR50/MTNR1A/MTNR1B  
TrH2\_TrispH2\_010695

UMI per 10k

3  
2  
1  
0

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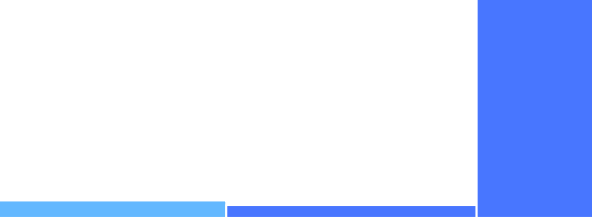
15

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GPCRrhod.HG5.2:like:GPR50/MTNR1A/MTNR1B  
TrH2\_TrispH2\_010696

UMI per 10k

1.5  
1.0  
0.5  
0.0

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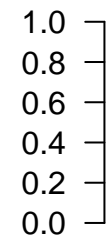


GPCRrhod.HG51.0:NA  
TrH2\_TrispH2\_001243



GPCRrhod.HG51.0:NA  
TrH2\_TrispH2\_004648

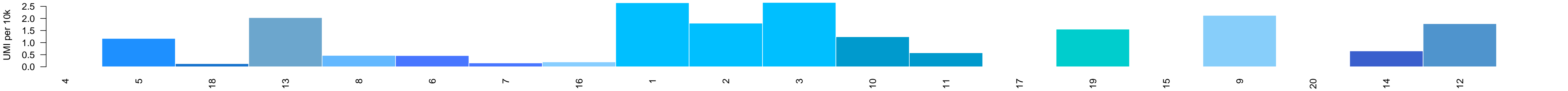
UMI per 10k

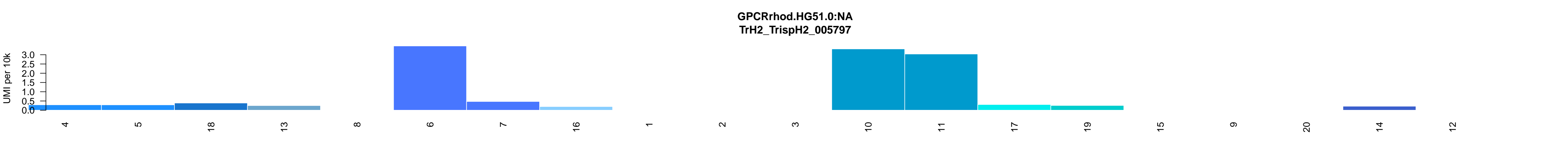


GPCRrhod.HG51.0:NA  
TrH2\_TrispH2\_005270

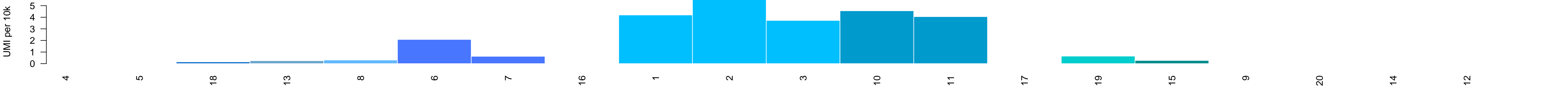


GPCRrhod.HG51.0:NA  
TrH2\_TrispH2\_005493



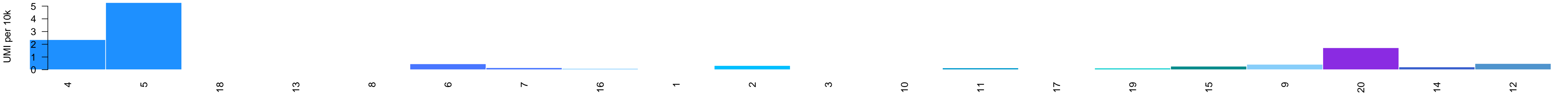


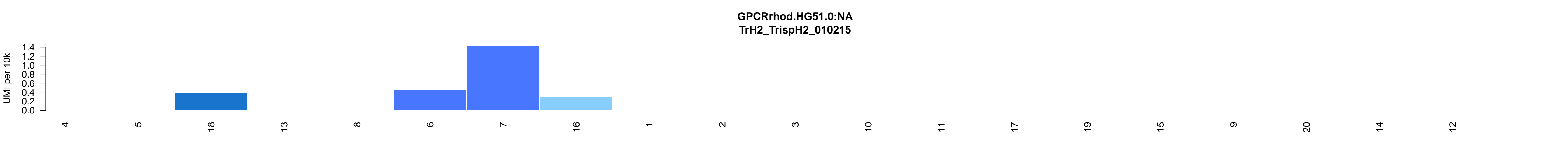
GPCRrhod.HG51.0:NA  
TrH2\_TrispH2\_005798





GPCRrhod.HG51.0:NA  
TrH2\_TrispH2\_010214





GPCRrhod.HG51.0:NA  
TrH2\_TrispH2\_010217



GPCRrhod.HG51.0:NA  
TrH2\_TrispH2\_010218



GPCRrhod.HG51.0:NA  
TrH2\_TrispH2\_010219

UMI per 10k

2.5  
2.0  
1.5  
1.0  
0.5  
0.0



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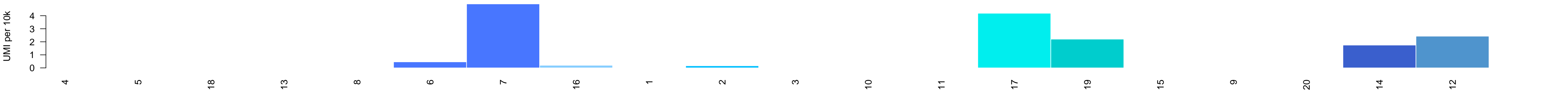
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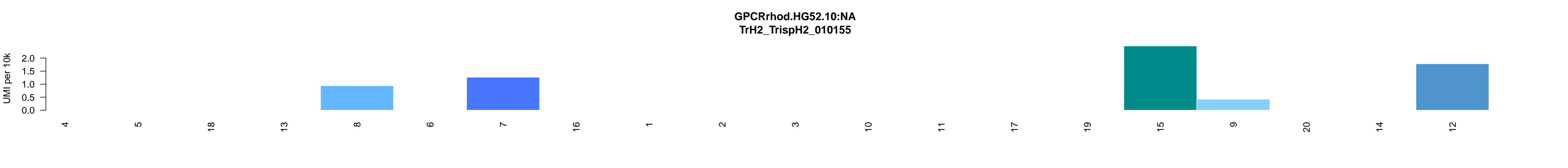
12

GPCRrhod.HG51.0:NA  
TrH2\_TrispH2\_010619



GPCRrhod.HG51.0:NA  
TrH2\_TrispH2\_010620

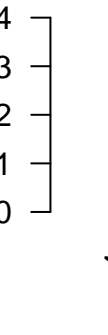






GPCRrhod.HG52.16:NA  
TrH2\_TrispH2\_012183

UMI per 10k



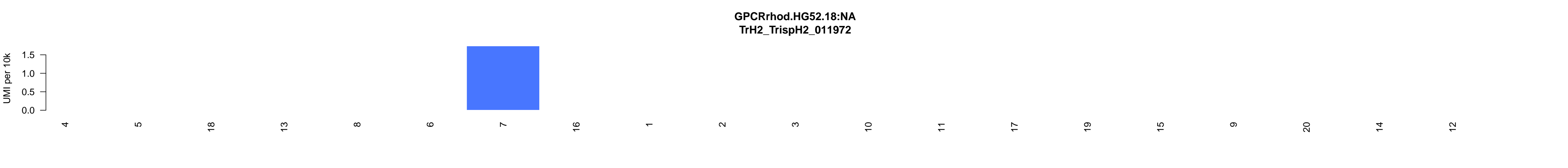
GPCRrhod.HG52.18:NA  
TrH2\_TrispH2\_011971

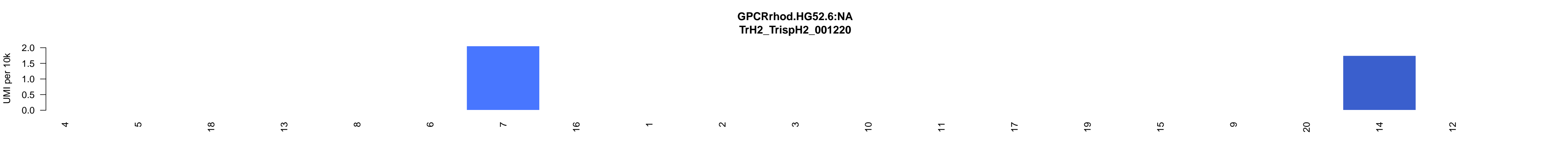
UMI per 10k

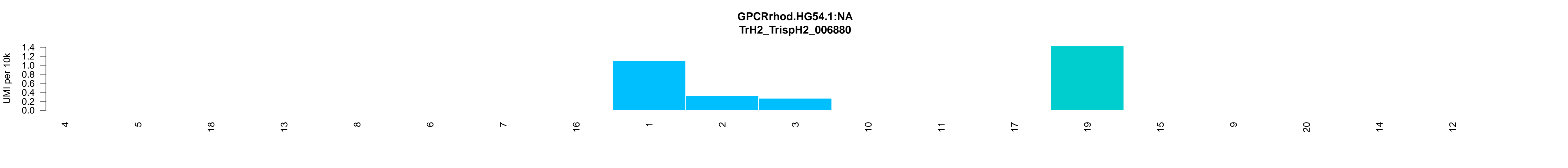
2.0  
1.5  
1.0  
0.5  
0.0

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









GPCRrhod.HG54.13:NA  
TrH2\_TrispH2\_009128

UMI per 10k

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

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GPCRrhod.HG54.14:NA  
TrH2\_TrispH2\_005454



GPCRrhod.HG54.18:NA  
TrH2\_TrispH2\_011855



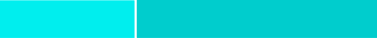


GPCRrhod.HG54.4:NA  
TrH2\_TrispH2\_006879

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



GPCRrhod.HG54.7:NA  
TrH2\_TrispH2\_009124



GPCRrhod.HG59.1:NA  
TrH2\_TrispH2\_008284



GPCRrhod.HG59.3:NA  
TrH2\_TrispH2\_008282

UMI per 10k

1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

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GPCRrhod.HG59.4:NA  
TrH2\_TrispH2\_008283



GPCRrhod.HG59.7:NA  
TrH2\_TrispH2\_007473

UMI per 10k

1.0  
0.8  
0.6  
0.4  
0.2  
0.0



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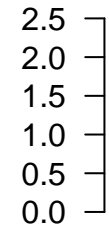
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GPCRrhod.HG59.9:NA  
TrH2\_TrispH2\_010426

UMI per 10k

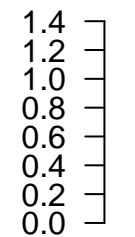




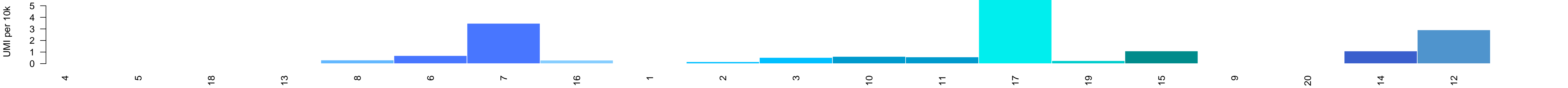


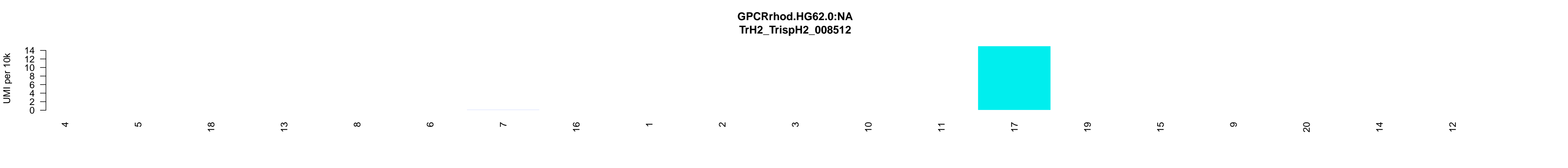
GPCRrhod.HG6.1:NA  
TrH2\_TrispH2\_005096

UMI per 10k



GPCRrhod.HG6.1:NA  
TrH2\_TrispH2\_010623





GPCRrhod.HG62.13:NA  
TrH2\_TrispH2\_010447

UMI per 10k

1.5  
1.0  
0.5  
0.0

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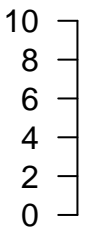
14

12



GPCRrhod.HG62.5:NA  
TrH2\_TrispH2\_008496

UMI per 10k

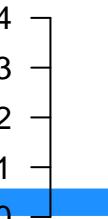


GPCRrhod.HG65.0:NA  
TrH2\_TrispH2\_007328



GPCRrhod.HG65.2:NA  
TrH2\_TrispH2\_009579

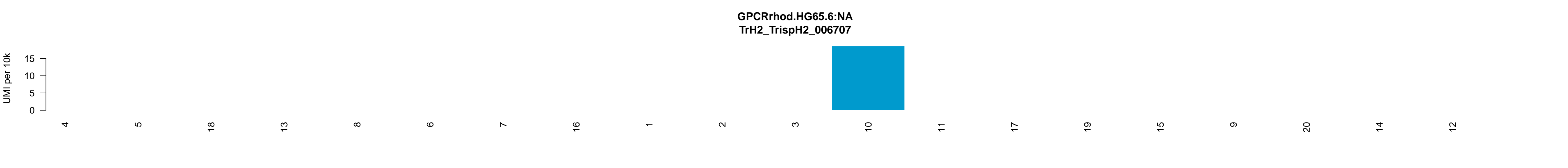
UMI per 10k



GPCRrhod.HG65.5:NA  
TrH2\_TrispH2\_006708

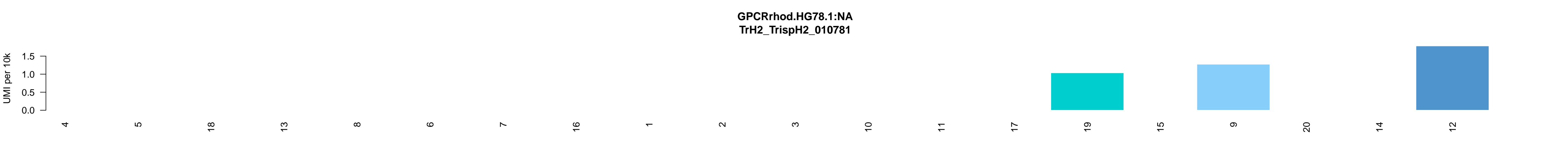




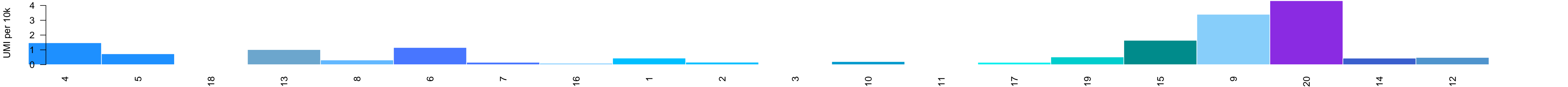


GPCRrhod.HG65.7:NA  
TrH2\_TrispH2\_006703





GPCRrhod.HG78.2:NA  
TrH2\_TrispH2\_011657

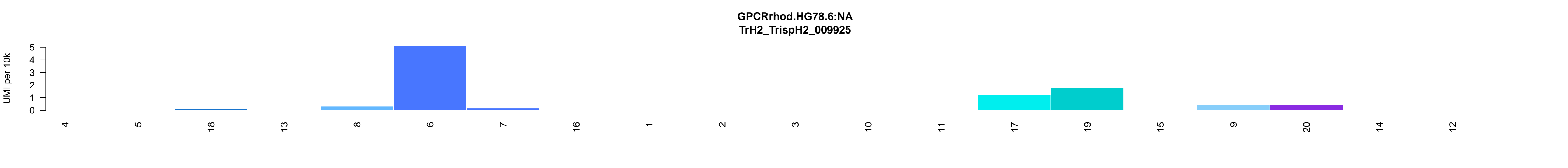


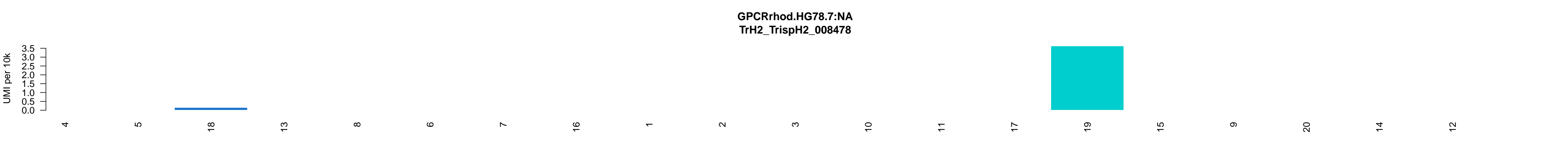
GPCRrhod.HG78.3:NA  
TrH2\_TrispH2\_010782



GPCRrhod.HG78.5:NA  
TrH2\_TrispH2\_009523









GPCRrhod.HG78.8:NA  
TrH2\_TrispH2\_008479

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0

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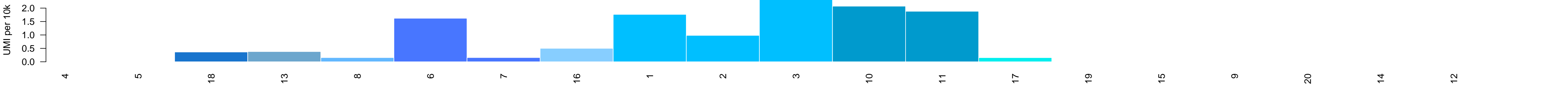
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GPCRrhod.HG80.2:NA  
TrH2\_TrispH2\_002792

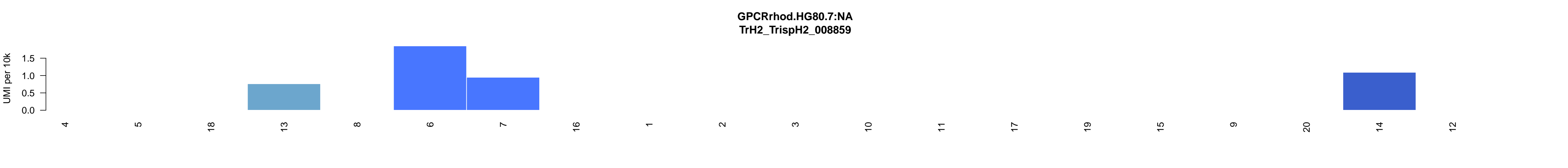


GPCRrhod.HG80.4:NA  
TrH2\_TrispH2\_008855

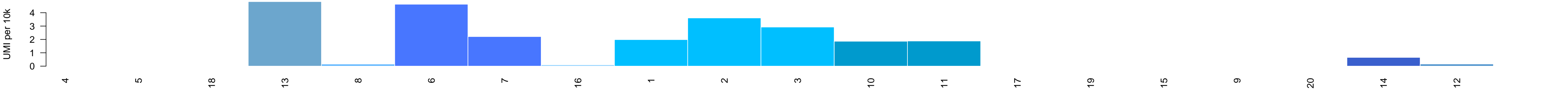


GPCRrhod.HG80.5:NA  
TrH2\_TrispH2\_008856





GPCRrhod.HG94.0:NA  
TrH2\_TrispH2\_003724

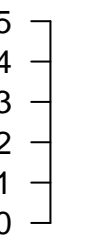


GPCRrhod.HG94.0:NA  
TrH2\_TrispH2\_009694



GPCRrhod.HG94.0:NA  
TrH2\_TrispH2\_011737

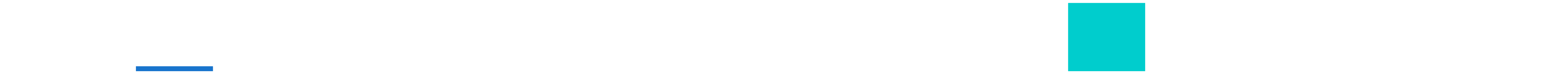
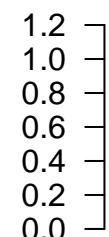
UMI per 10k





GPCRrhod.Unclassified  
TrH2\_TrispH2\_003038

UMI per 10k



GPCRrhod.Unclassified  
TrH2\_TrispH2\_007315

UMI per 10k

3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0



GPCRsecr.HG1.14:ADGRB1/ADGRB2/ADGRB3  
TrH2\_TrispH2\_005655



GPCRsecr.HG1.14:ADGRB1/ADGRB2/ADGRB3  
TrH2\_TrispH2\_005659



GPCRsecr.HG1.22:ADGRF1/ADGRF2/ADGRF3/ADGRF4/ADGRF5  
TrH2\_TrispH2\_003552



GPCRsecr.HG1.22:ADGRF1/ADGRF2/ADGRF3/ADGRF4/ADGRF5  
TrH2\_TrispH2\_004964



GPCRsecr.HG1.22:ADGRF1/ADGRF2/ADGRF3/ADGRF4/ADGRF5  
TrH2\_TrispH2\_006684

UMI per 10k

1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

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GPCRsecr.HG1.22:ADGRF1/ADGRF2/ADGRF3/ADGRF4/ADGRF5  
TrH2\_TrispH2\_010944



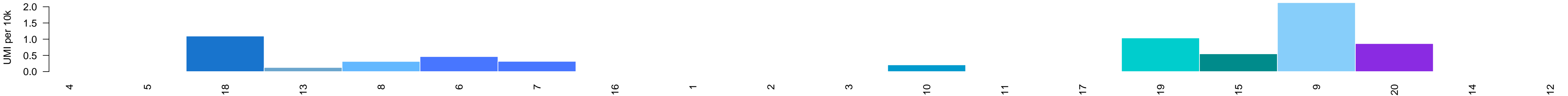


GPCRsecr.HG1.23:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1

TrH2\_TrispH2\_001356



GPCRsecr.HG1.26:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_005494



GPCRsecr.HG1.26:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_006500

UMI per 10k

3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0

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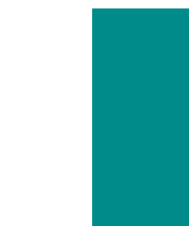
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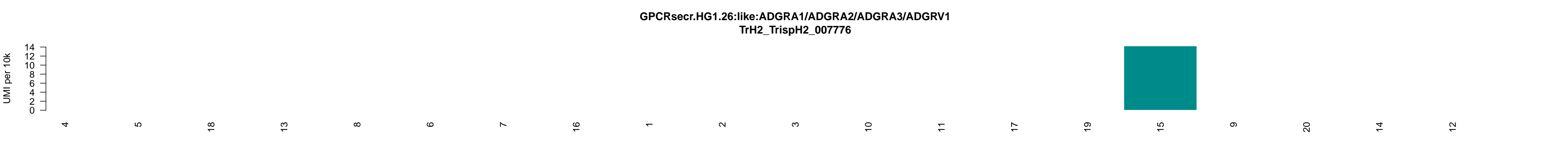
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GPCRsecr.HG1.27:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_011055



GPCRsecr.HG1.28:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_010226

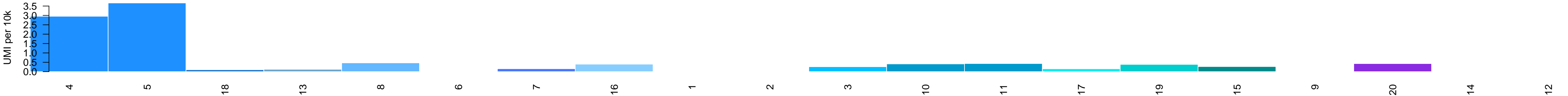
UMI per 10k

2.5  
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



GPCRsecr.HG1.3:like:ADGRA1/ADGRA2/ADGRA3/ADGRB1/ADGRB2/ADGRB3/ADGRD1/ADGRD2/ADGRE1/ADGRE2/ADGRE3/ADGRE5/ADGRF1/ADGRF2/ADGRF3/ADGRF4/ADGRF5/ADGRL1/ADGRL2/ADGRL3/ADGRL4/ADGRV1/CELSR1/CELSR2/CELSR3  
TrH2\_TrispH2\_003735



GPCRsecr.HG1.30:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1

TrH2\_TrispH2\_006458

UMI per 10k

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





GPCRsecr.HG1.32:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_011054



GPCRsecr.HG1.34:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_010223

UMI per 10k

3.5  
3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0



4

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18

13

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16

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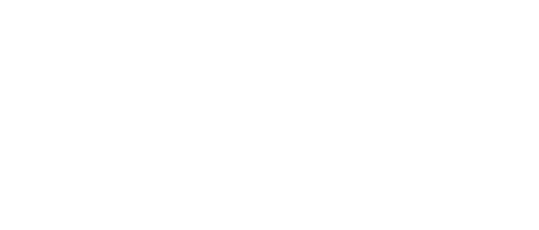
GPCRsecr.HG1.35:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1

TrH2\_TrispH2\_010220

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 20 14 12



GPCRsecr.HG1.35:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_010222



GPCRsecr.HG1.35:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1

TrH2\_TrispH2\_011841



GPCRsecr.HG1.36:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_000685



GPCRsecr.HG1.37:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_000683

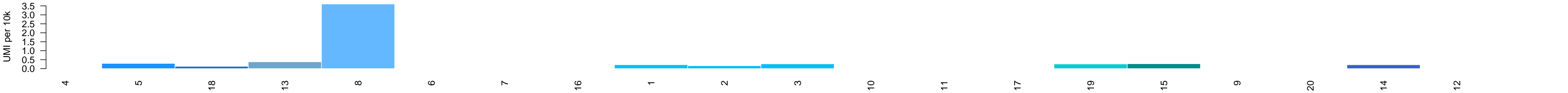


GPCRsecr.HG1.37:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_000684





GPCRsecr.HG1.37:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_011070



GPCRsecr.HG1.37:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_011793

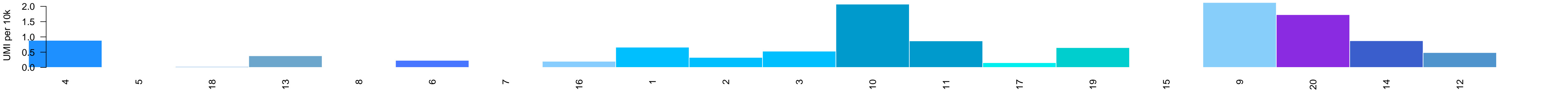
UMI per 10k

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



GPCRsecr.HG1.40:like:ADGRA1/ADGRA2/ADGRA3/ADGRV1  
TrH2\_TrispH2\_001383



GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_000571



GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_000572

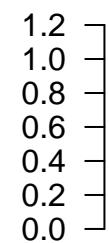


GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_004353



GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_004356

UMI per 10k



GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_004357





GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_004358



GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_005092

UMI per 10k

1.5  
1.0  
0.5  
0.0

4

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GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_005095



GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_007565

UMI per 10k

4  
3  
2  
1  
0

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18

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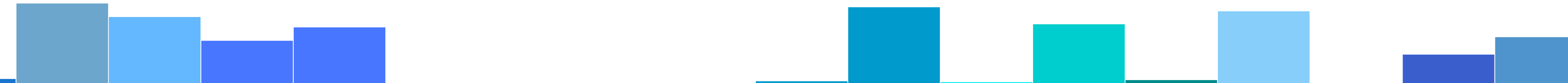
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14

12



GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_010091

UMI per 10k

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

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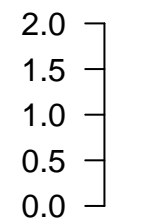
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GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_010092

UMI per 10k

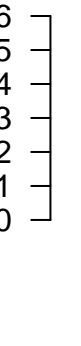


4 5 18 13 8 6 7 16 1 2 3 10 11 17 19 15 9 20 14 12



GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_010093

UMI per 10k



GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_010095

UMI per 10k

1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

4

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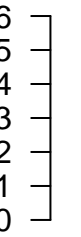
12





GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_010195

UMI per 10k



6  
5  
4  
3  
2  
1  
0

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18

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16

1

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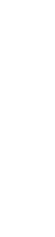
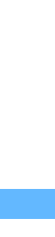
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GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_010197



GPCRsecr.HG1.8:ADGRD2  
TrH2\_TrispH2\_011440



GPCRsecr.HG13.0:NA  
TrH2\_TrispH2\_011056

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



GPCRsecr.HG2.0:like:ADGRG1/ADGRG2/ADGRG3/ADGRG4/ADGRG5/ADGRG6/ADGRG7  
TrH2\_TrispH2\_002168

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0

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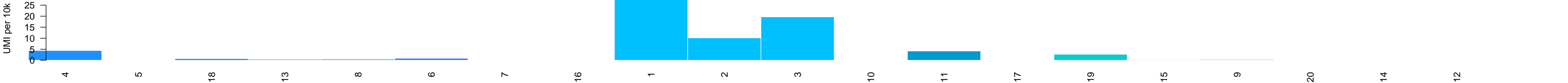
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GPCRsecr.HG2.0:like:ADGRG1/ADGRG2/ADGRG3/ADGRG4/ADGRG5/ADGRG6/ADGRG7  
TrH2\_TrispH2\_004529



GPCRsecr.HG2.0:like:ADGRG1/ADGRG2/ADGRG3/ADGRG4/ADGRG5/ADGRG6/ADGRG7

TrH2\_TrispH2\_004645

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0



GPCRsecr.HG2.0:like:ADGRG1/ADGRG2/ADGRG3/ADGRG4/ADGRG5/ADGRG6/ADGRG7  
TrH2\_TrispH2\_005445

UMI per 10k

50  
40  
30  
20  
10  
0

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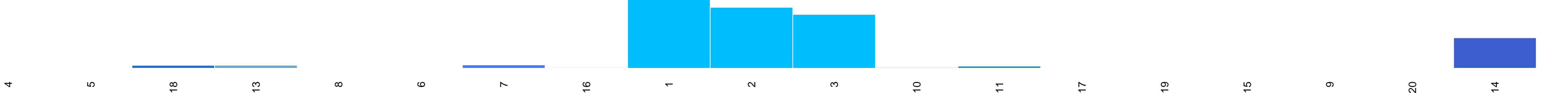
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GPCRsecr.HG3.5:NA  
TrH2\_TrispH2\_007436

UMI per 10k

8  
6  
4  
2  
0



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



GPCRsecr.HG7.1:GPR143  
TrH2\_TrispH2\_000330

UMI per 10k

1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

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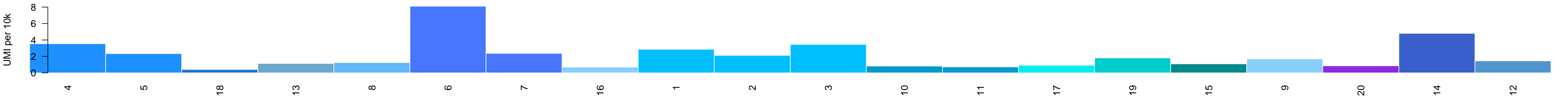
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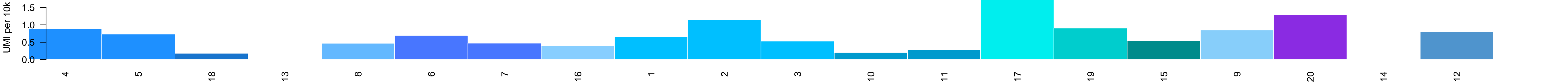
LAG1-DNAbind.HG1.0:RBPJ/RBPJL  
TrH2\_TrispH2\_009810



Ldl\_recept\_b.Unclassified  
TrH2\_TrispH2\_000491



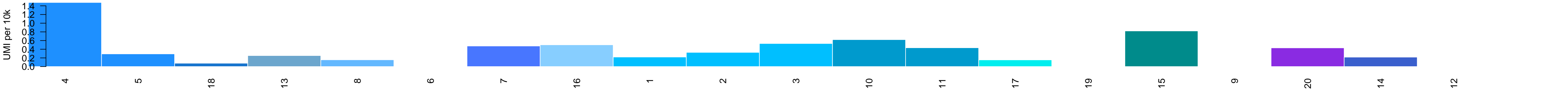
Ldl\_recept\_b.Unclassified  
TrH2\_TrispH2\_007580



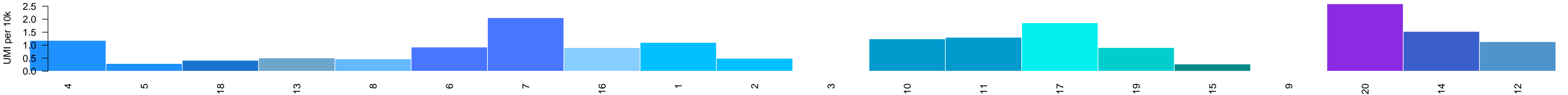
Ldl\_recept\_b.Unclassified  
TrH2\_TrispH2\_008165



MH2.HG1.1:SMAD4  
TrH2\_TrispH2\_000839



MH2.HG1.13:like:SMAD2/SMAD3  
TrH2\_TrispH2\_001195

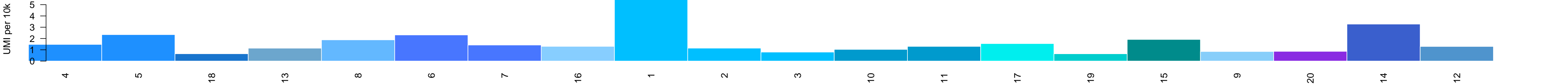




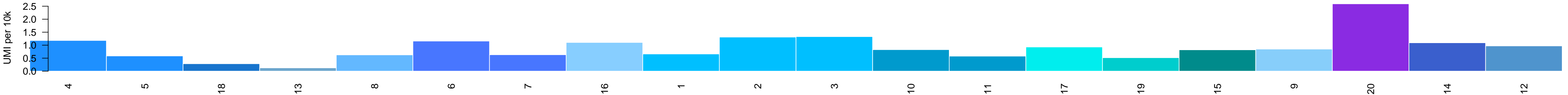
Notch.HG1.0:PAPPA2  
TrH2\_TrispH2\_002674



Patched.HG1.1:like:NPC1/NPC1L1/PTCH1/PTCH2/PTCHD1/PTCHD3/PTCHD4  
TrH2\_TrispH2\_000019



Patched.HG1.13:NPC1/NPC1L1  
TrH2\_TrispH2\_003680



Pkinase.HG1.7:like:STYK1  
TrH2\_TrispH2\_003737

UMI per 10k

5  
4  
3  
2  
1  
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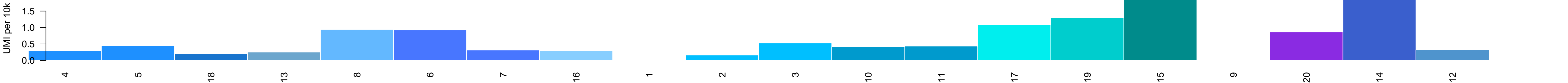
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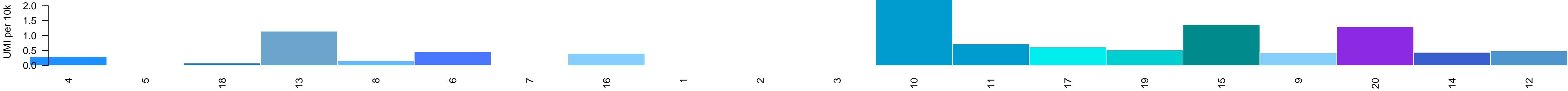
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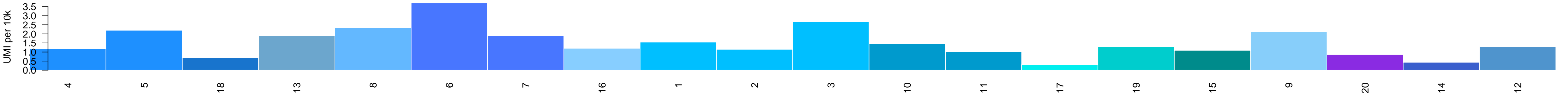
Pkinase.HG10.3:OXSR1/STK39  
TrH2\_TrispH2\_008175



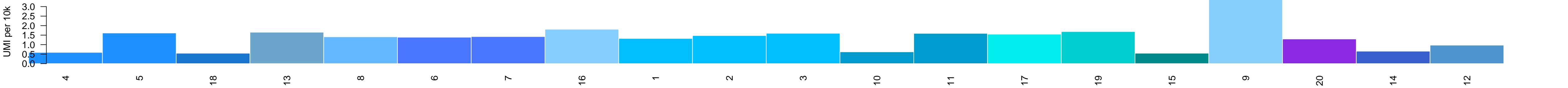
Pkinase.HG10.9:MAP4K1/MAP4K2/MAP4K3/MAP4K5  
TrH2\_TrispH2\_010131



Pkinase.HG12.1:AKT1/AKT2/AKT3  
TrH2\_TrispH2\_004957

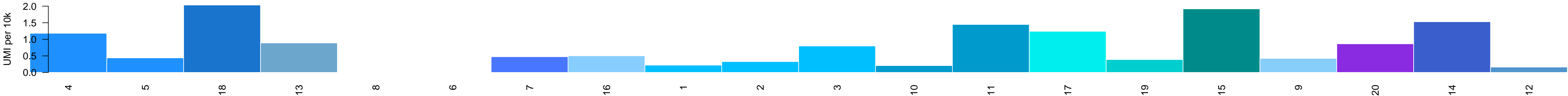


Pkinase.HG12.11:PRKCA/PRKCB/PRKCG  
TrH2\_TrispH2\_007855

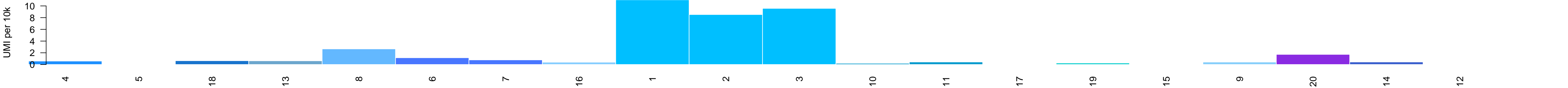




Pkinase.HG12.4:like:C8orf44-SGK3/SGK1/SGK2/SGK3  
TrH2\_TrispH2\_008866



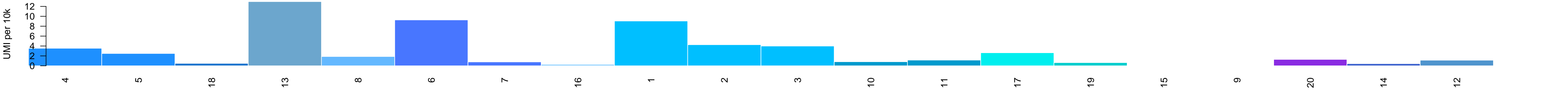
Pkinase.HG13.1:like:GUCY2C/GUCY2D/GUCY2F/NPR1/NPR2  
TrH2\_TrispH2\_010210



Pkinase.HG13.14:like:GUCY2C/GUCY2D/GUCY2F/NPR1/NPR2  
TrH2\_TrispH2\_002264



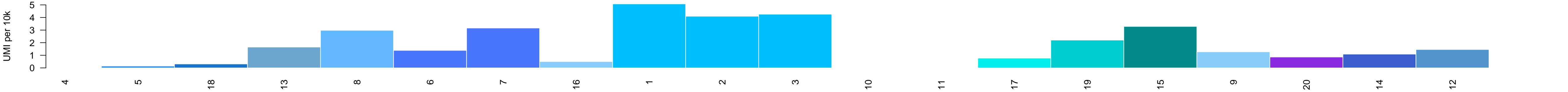
Pkinase.HG13.15:GUCY2D/GUCY2F  
TrH2\_TrispH2\_002051



Pkinase.HG13.15:GUCY2D/GUCY2F  
TrH2\_TrispH2\_003698



Pkinase.HG13.5:like:GUCY2C/GUCY2D/GUCY2F/NPR1/NPR2  
TrH2\_TrispH2\_000784



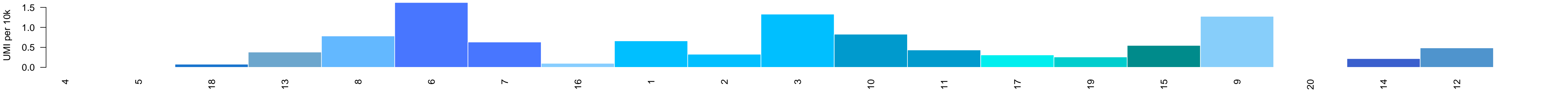
Pkinase.HG14.3:STK32A/STK32B/STK32C

TrH2\_TrispH2\_006593



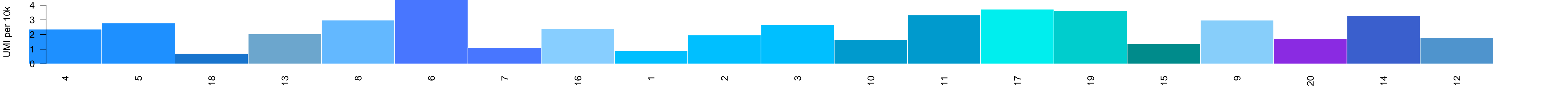
Pkinase.HG15.10:DYRK2/DYRK3

TrH2\_TrispH2\_000083





**Pkinase.HG15.4:HIPK1/HIPK2/HIPK3/HIPK4**  
**TrH2\_TrispH2\_010386**



**Pkinase.HG15.8:AC005832.4/DYRK4**  
**TrH2\_TrispH2\_011266**

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0

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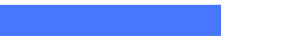
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Pkinase.HG16.2:MAST1/MAST2/MAST3/MAST4

TrH2\_TrispH2\_001404

UMI per 10k

4  
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0

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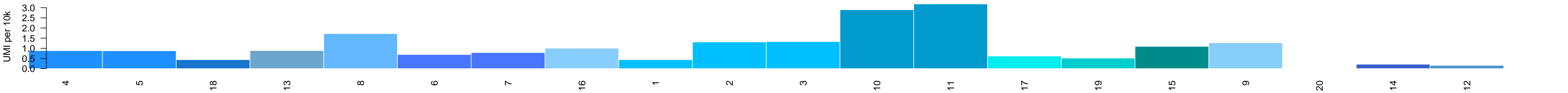
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Pkinase.HG17.8:MAPK8/MAPK9/MAPK10  
TrH2\_TrispH2\_007604



Pkinase.HG19.7:MAP3K19  
TrH2\_TrispH2\_003351

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0

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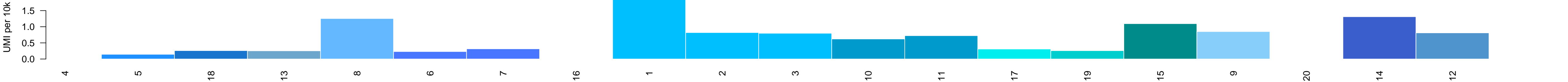
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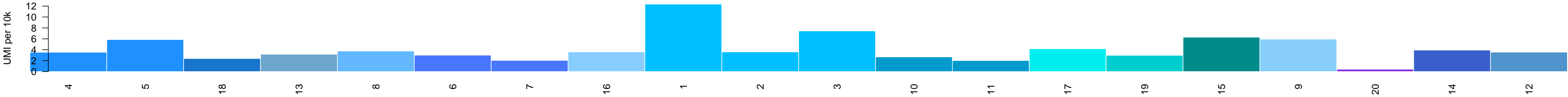
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Pkinase.HG19.8:MAP3K1  
TrH2\_TrispH2\_009584



Pkinase.HG2.15:TRIB1/TRIB2/TRIB3  
TrH2\_TrispH2\_008557

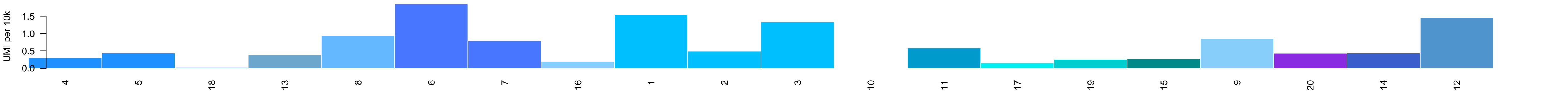


**Pkinase.HG2.18:STK11**  
**TrH2\_TrispH2\_006812**





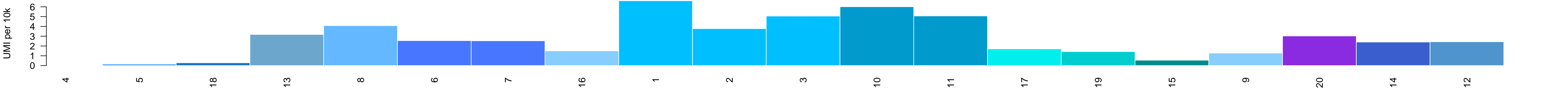
Pkinase.HG2.21:SNRK  
TrH2\_TrispH2\_007195



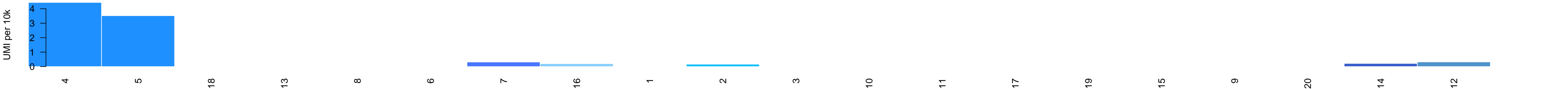
Pkinase.HG2.23:CAMKK1/CAMKK2  
TrH2\_TrispH2\_006888



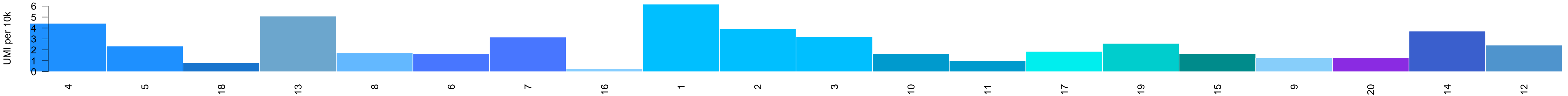
Pkinase.HG2.24:BRSK1/BRSK2  
TrH2\_TrispH2\_008270



Pkinase.HG2.32:HUNK  
TrH2\_TrispH2\_008994



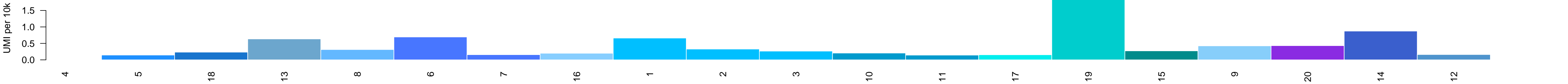
Pkinase.HG2.34:NIM1K  
TrH2\_TrispH2\_000506



Pkinase.HG2.37:SIK1/SIK1B/SIK2/SIK3  
TrH2\_TrispH2\_004365



Pkinase.HG2.37:SIK1/SIK1B/SIK2/SIK3  
TrH2\_TrispH2\_004370



Pkinase.HG21.0:like:JAK1/JAK2/JAK3/TYK2  
TrH2\_TrispH2\_005611

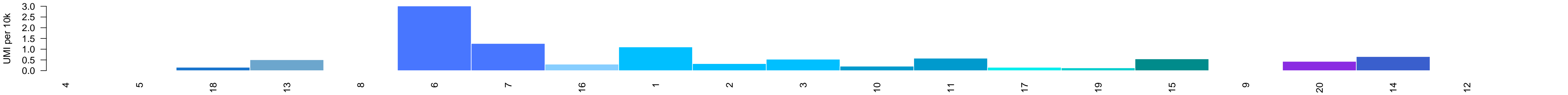




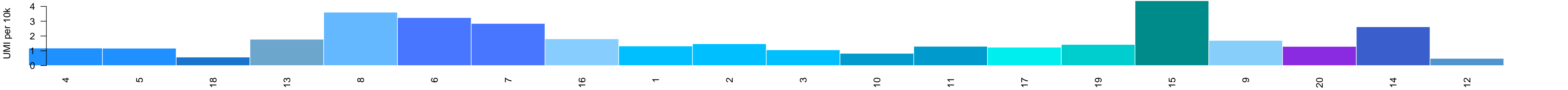
Pkinase.HG22.0:TTBK1/TTBK2  
TrH2\_TrispH2\_007387



Pkinase.HG22.0:TTBK1/TTBK2  
TrH2\_TrispH2\_007662



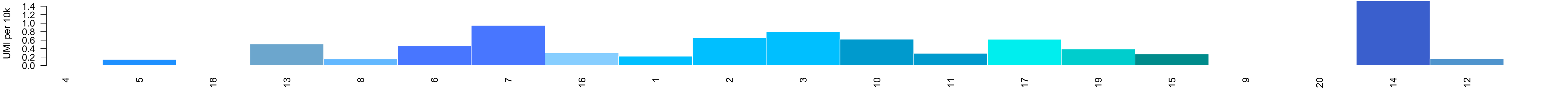
Pkinase.HG22.11:CSNK1G1/CSNK1G2/CSNK1G3  
TrH2\_TrispH2\_006777



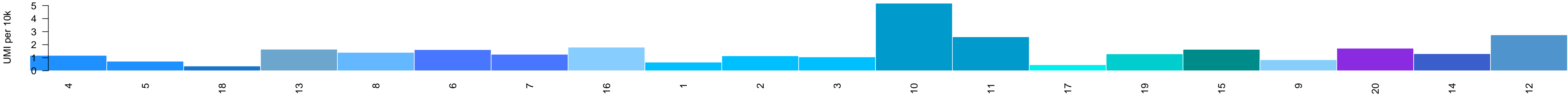
Pkinase.HG23.0:KALRN/TRIO  
TrH2\_TrispH2\_006026



Pkinase.HG28.18:ACVR1/ACVRL1/BMPR1A/BMPR1B  
TrH2\_TrispH2\_002876



Pkinase.HG29.5:PRKACA/PRKACB/PRKACG  
TrH2\_TrispH2\_007694



**Pkinase.HG3.11:like:TEX14**  
**TrH2\_TrispH2\_000815**



Pkinase.HG3.27:FRK  
TrH2\_TrispH2\_000466

UMI per 10k

2.0  
1.5  
1.0  
0.5  
0.0





Pkinase.HG30.2:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6  
TrH2\_TrispH2\_006515



Pkinase.HG31.14:like:DSTYK  
TrH2\_TrispH2\_009987

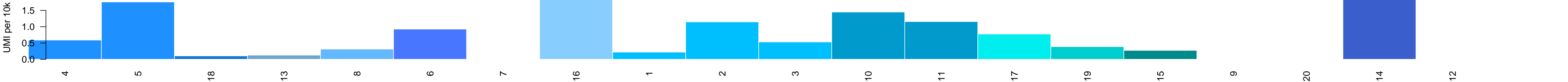
UMI per 10k

1.5  
1.0  
0.5  
0.0

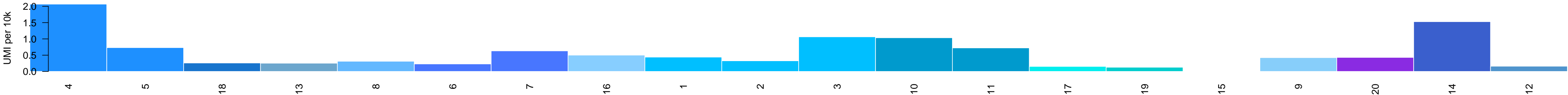
4 5 18 13 8 6 7 16 1 2 3 10 11 17 19 15 9 20 14 12



Pkinase.HG33.5:MAP2K7  
TrH2\_TrispH2\_003961



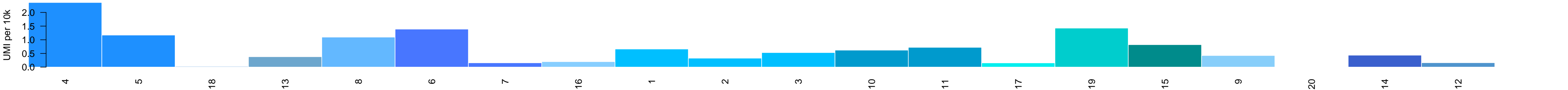
Pkinase.HG33.7:MAP2K4  
TrH2\_TrispH2\_003417



Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
TrH2\_TrispH2\_005848



Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
TrH2\_TrispH2\_008689



Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
TrH2\_TrispH2\_009236

UMI per 10k

3.0  
2.5  
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

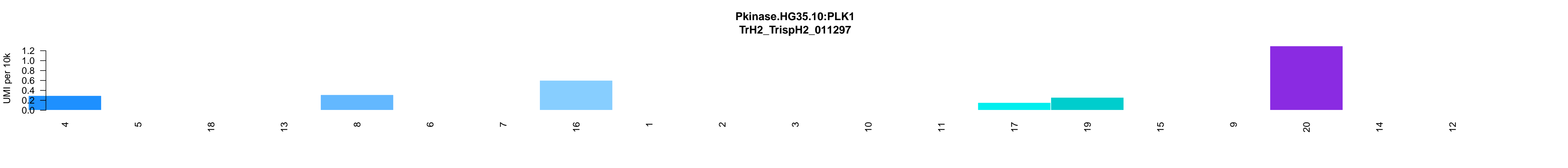
12



Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
TrH2\_TrispH2\_009242



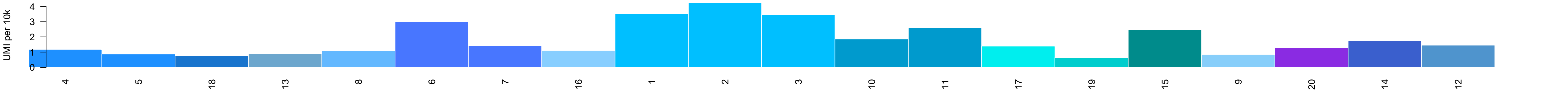




Pkinase.HG4.17:CDK14/CDK15  
TrH2\_TrispH2\_001228



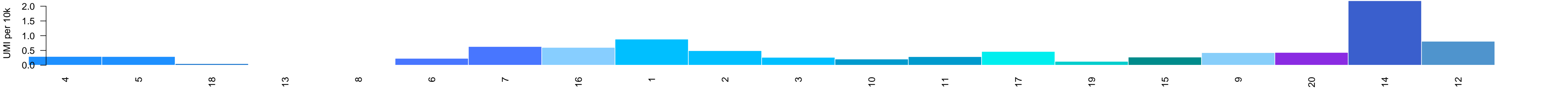
Pkinase.HG40.4:like:GRK1/GRK2/GRK3/GRK4/GRK5/GRK6/GRK7;RGS.HG2.0:GRK1/GRK4/GRK5/GRK6/GRK7  
TrH2\_TrispH2\_006198



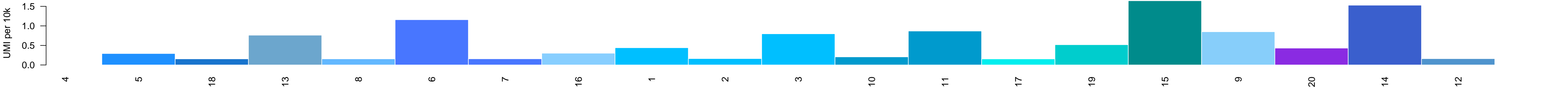
Pkinase.HG42.3:KSR1/KSR2  
TrH2\_TrispH2\_000302



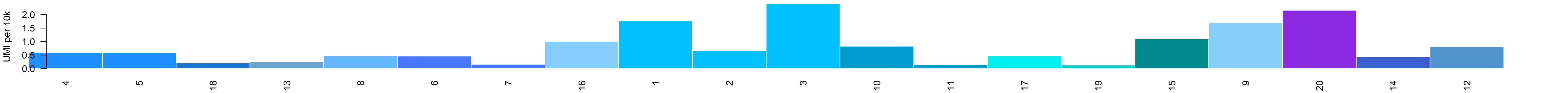
Pkinase.HG44.5:AL451136.1/TESK1/TESK2  
TrH2\_TrispH2\_009585



Pkinase.HG5.11:MAP3K12/MAP3K13  
TrH2\_TrispH2\_006024



Pkinase.HG5.21:MOS  
TrH2\_TrispH2\_000544

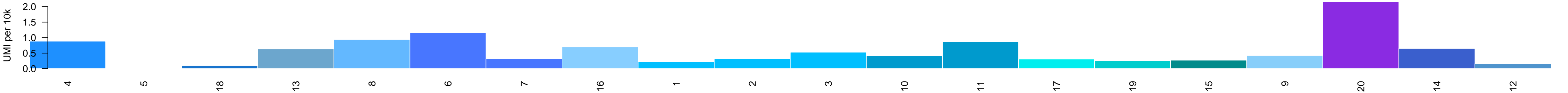


Pkinase.HG56.0:TP53RK  
TrH2\_TrispH2\_004451

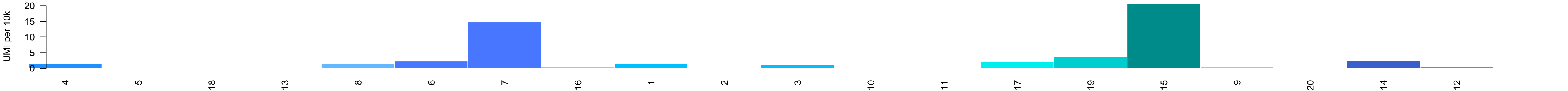




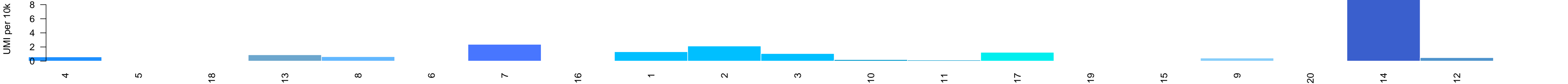
Pkinase.HG57.0:BUB1  
TrH2\_TrispH2\_005950



Pkinase.HG6.0:like:CHEK2/PRKD1/PRKD2/PRKD3/STK33  
TrH2\_TrispH2\_005687



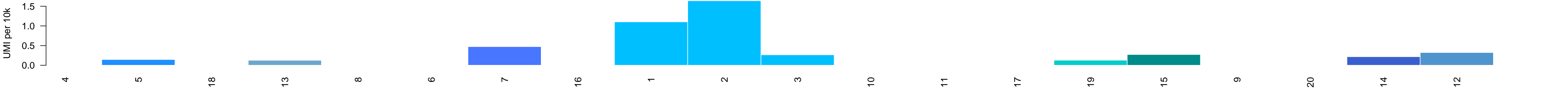
Pkinase.HG7.12:like:NEK6/NEK7  
TrH2\_TrispH2\_000568



Pkinase.HG7.14:STKLD1  
TrH2\_TrispH2\_003104



RGS.HG1.11:RGS6/RGS7/RGS9/RGS11  
TrH2\_TrispH2\_004184

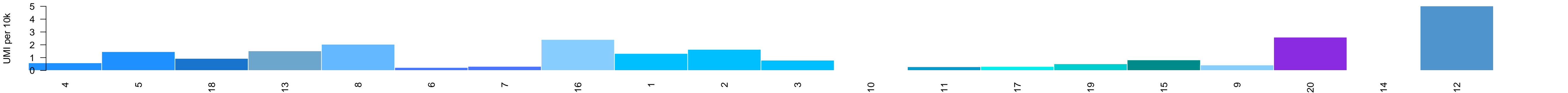


RGS.HG1.13:RGS22  
TrH2\_TrispH2\_000575

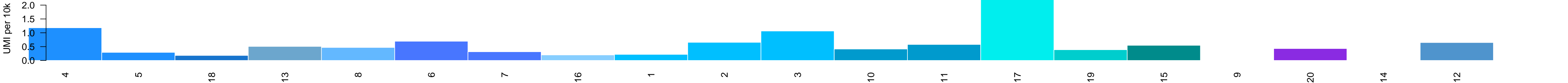


RGS.HG1.18:like:RGS1/RGS2/RGS3/RGS4/RGS5/RGS8/RGS13/RGS16/RGS17/RGS18/RGS19/RGS20/RGS21

TrH2\_TrispH2\_003115



RGS.HG1.2:ARHGEF11  
TrH2\_TrispH2\_007584





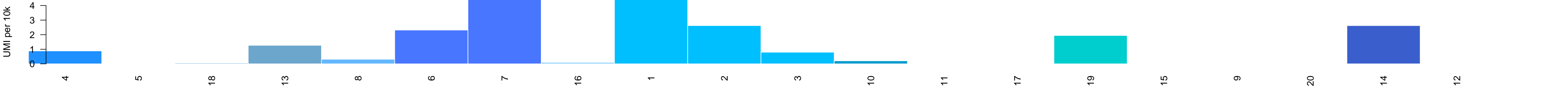
TGF\_beta.HG1.13:BMP2/BMP4  
TrH2\_TrispH2\_002393

UMI per 10k

1.5  
1.0  
0.5  
0.0

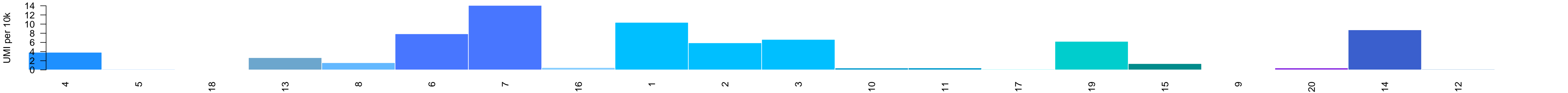


TGF\_beta.HG1.2:like:AMH/BMP15/GDF9/GDF11/GDF15/INHA/INHBA/INHBB/INHBC/INHBE/LEFTY1/LEFTY2/MSTN/TGFB1/TGFB2/TGFB3  
TrH2\_TrispH2\_006204



TGF\_beta.HG1.2:like:AMH/BMP15/GDF9/GDF11/GDF15/INHA/INHBA/INHBB/INHBC/INHBE/LEFTY1/LEFTY2/MSTN/TGFB1/TGFB2/TGFB3

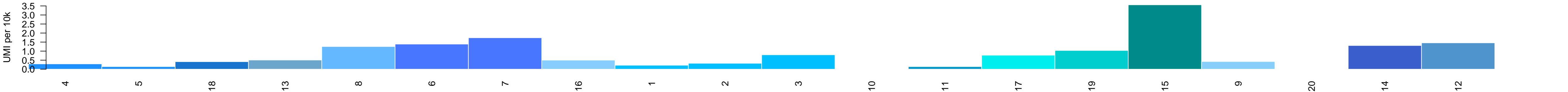
TrH2\_TrispH2\_006205



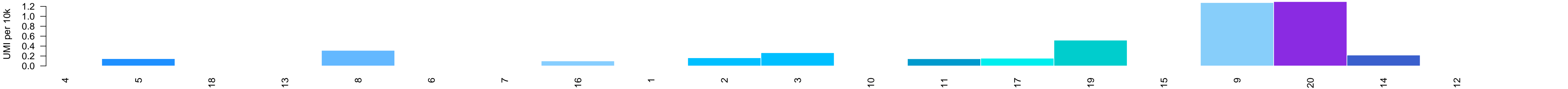
TIR.HG1.19:like:MYD88  
TrH2\_TrispH2\_008457



TIR.HG2.14:like:SARM1  
TrH2\_TrispH2\_001914



TIR.HG2.25:like:SARM1  
TrH2\_TrispH2\_000557



wnt.HG1.21:WNT7A/WNT7B  
TrH2\_TrispH2\_009161

