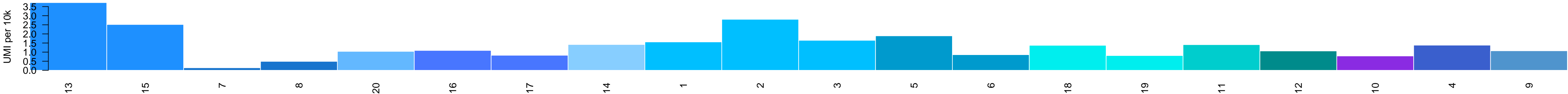
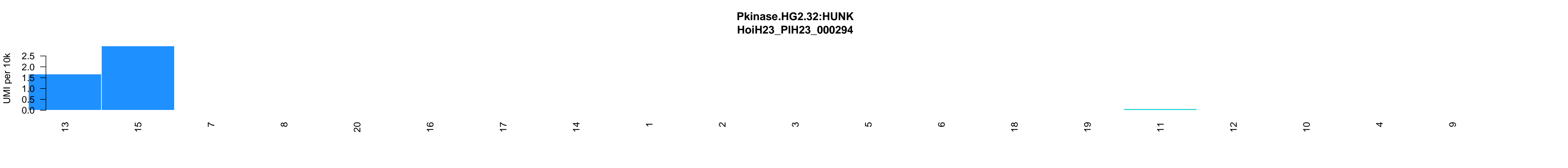
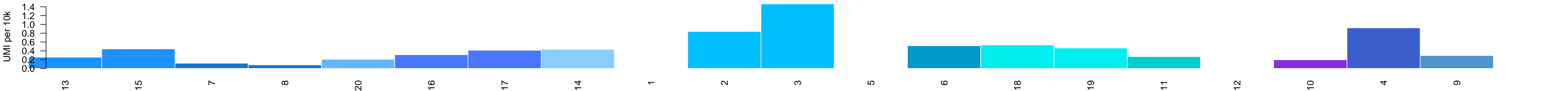


Pkinase.HG33.7:MAP2K4  
HoiH23\_PIH23\_000170



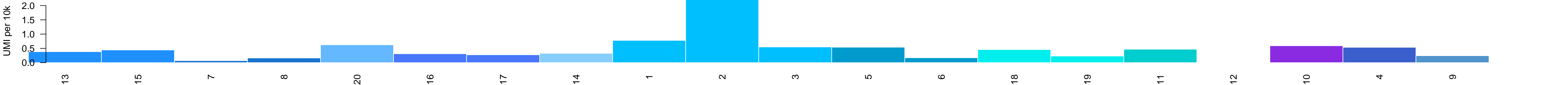


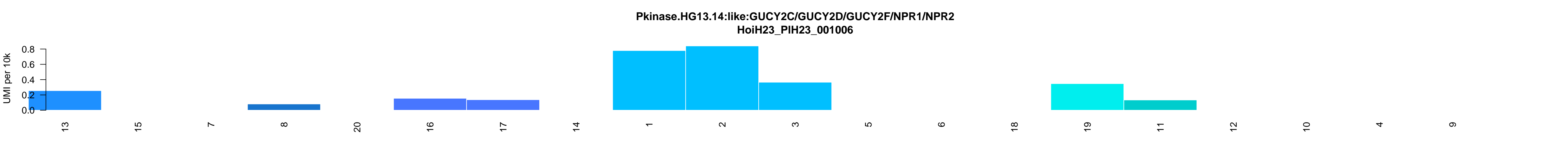
Pkinase.HG3.6:CSK/MATK  
HoiH23\_PIH23\_000481



Pkinase.HG10.4:STRADA/STRADB

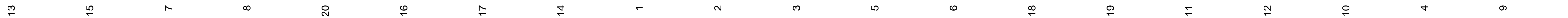
HoiH23\_PIH23\_000997



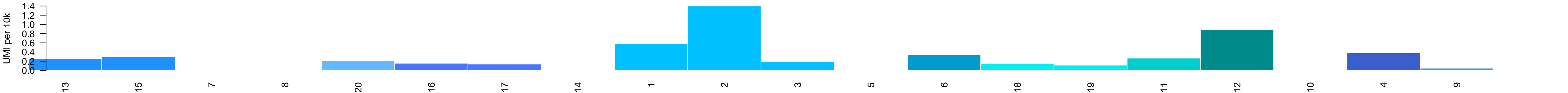


Pkinase.HG6.4:DCLK1/DCLK2/DCLK3  
HoiH23\_PIH23\_001042

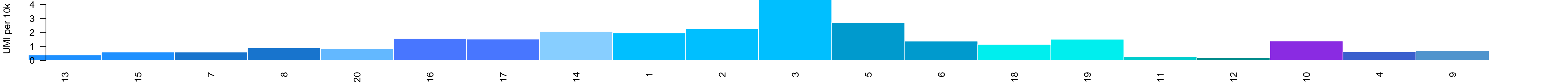
UMI per 10k



Pkinase.HG19.1:MAP3K2/MAP3K3  
HoiH23\_PIH23\_001162

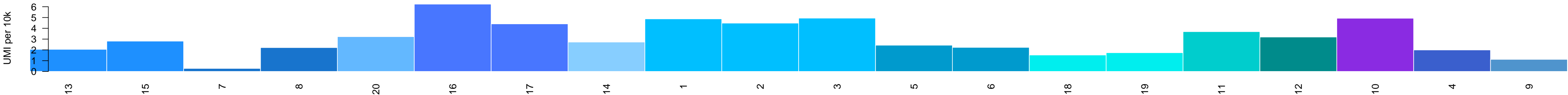


Pkinase.HG16.2:MAST1/MAST2/MAST3/MAST4  
HoiH23\_PIH23\_001541

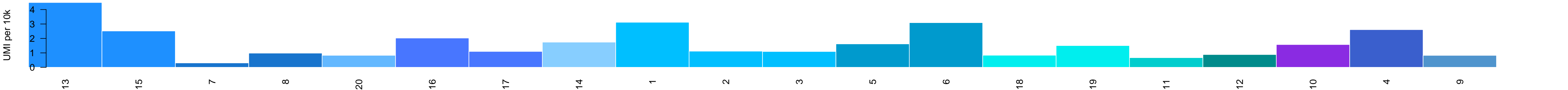




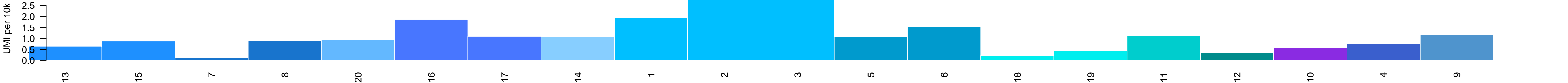
**Pkinase.HG12.1:AKT1/AKT2/AKT3**  
**HoiH23\_PIH23\_001833**



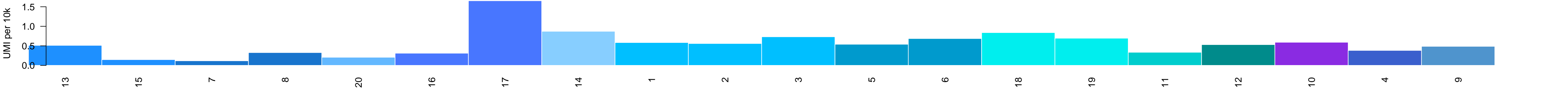
Pkinase.HG6.18:CAMK1/CAMK1D/CAMK1G/PNCK  
HoiH23\_PIH23\_001913



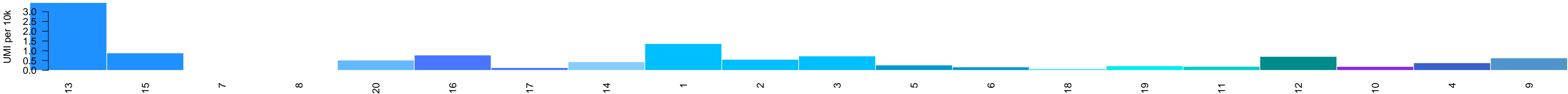
Pkinase.HG4.11:CDK20  
HoiH23\_PIH23\_001922



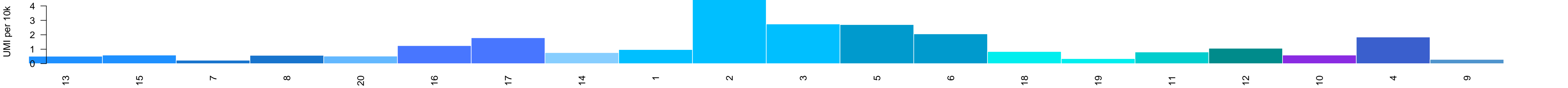
Pkinase.HG22.9:CSNK1D/CSNK1E/TPTEP2-CSNK1E  
HoiH23\_PIH23\_001923



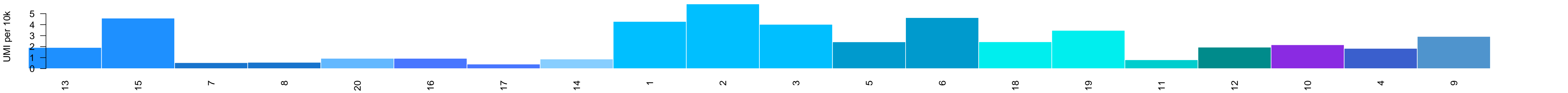
Pkinase.HG36.5:EIF2AK4  
HoiH23\_PIH23\_002109



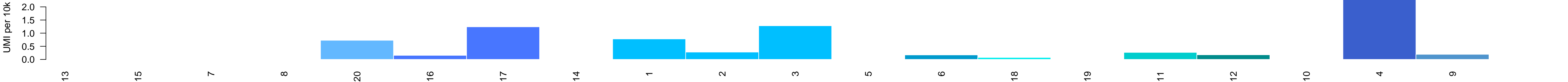
Pkinase.HG8.16:AATK/IGF1R/INSR/INSRR/LMTK2/LMTK3  
HoiH23\_PIH23\_002158



Pkinase.HG23.0:KALRN/TRIO  
HoiH23\_PIH23\_002206

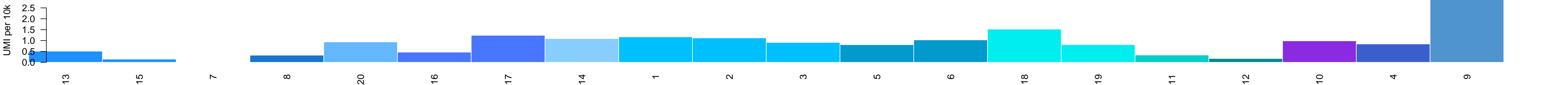


Pkinase.HG7.12:like:NEK6/NEK7  
HoiH23\_PIH23\_002844



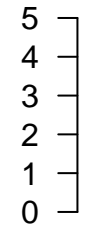


Pkinase.HG4.17:CDK14/CDK15  
HoiH23\_PIH23\_003063



**Pkinase.HG29.15:like:PRKG1**  
**HoiH23\_PIH23\_003099**

UMI per 10k



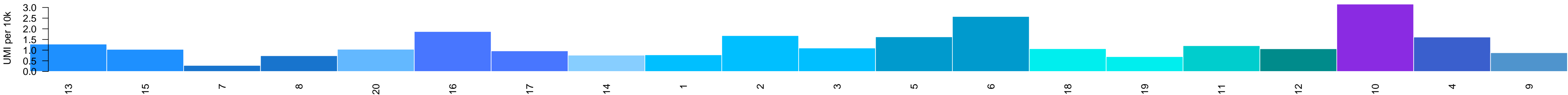
Pkinase.HG3.27:FRK  
HoiH23\_PIH23\_003192



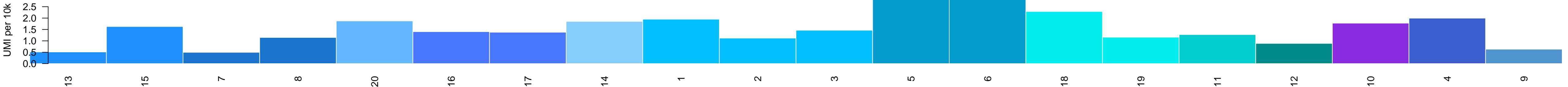
Pkinase.HG3.27:FRK  
HoiH23\_PIH23\_003193



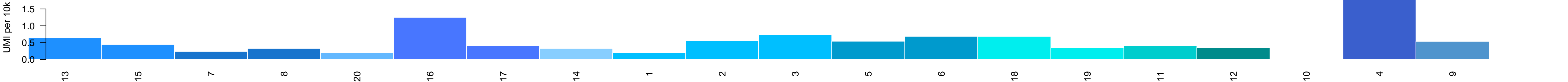
Pkinase.HG47.1:CSNK2A1/CSNK2A2/CSNK2A3  
HoiH23\_PIH23\_003298



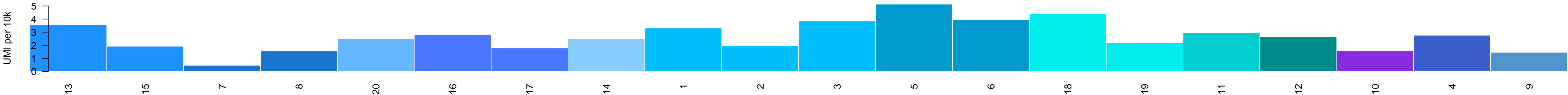
Pkinase.HG15.0:PRPF4B  
HoiH23\_PIH23\_003310



Pkinase.HG10.7:SLK/STK10  
HoiH23\_PIH23\_003453

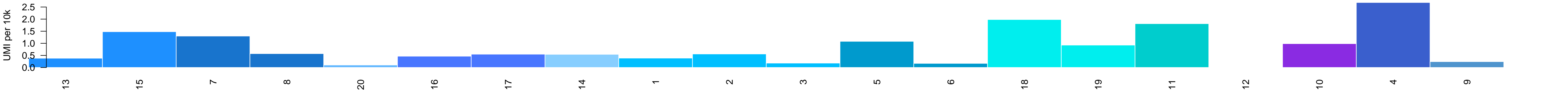


Pkinase.HG22.8:CSNK1A1/CSNK1A1L  
HoiH23\_PIH23\_003678

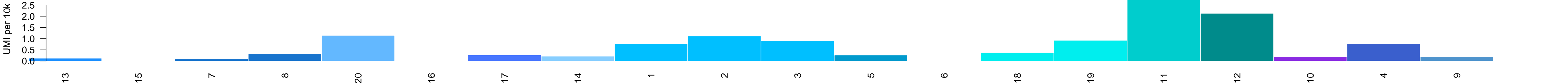




Pkinase.HG13.15:GUCY2D/GUCY2F  
HoiH23\_PIH23\_003833



Pkinase.HG13.5:like:GUCY2C/GUCY2D/GUCY2F/NPR1/NPR2  
HoiH23\_PIH23\_003854

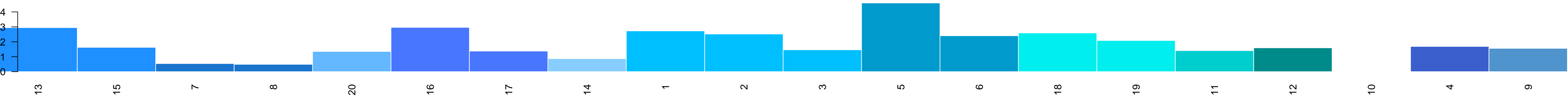


Pkinase.HG10.9:MAP4K1/MAP4K2/MAP4K3/MAP4K5  
HoiH23\_PIH23\_004028

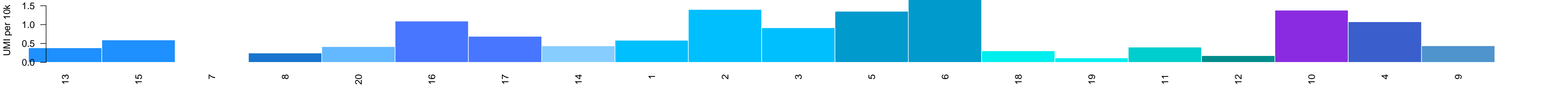


Pkinase.HG29.5:PRKACA/PRKACB/PRKACG  
HoiH23\_PIH23\_004123

UMI per 10k



Pkinase.HG33.5:MAP2K7  
HoiH23\_PIH23\_004161



**Pkinase.HG1.7:like:STYK1**  
**HoiH23\_PIH23\_004323**

UMI per 10k

0.8  
0.6  
0.4  
0.2  
0.0

13

15

7

8

20

16

17

14

1

2

3

5

6

18

19

11

12

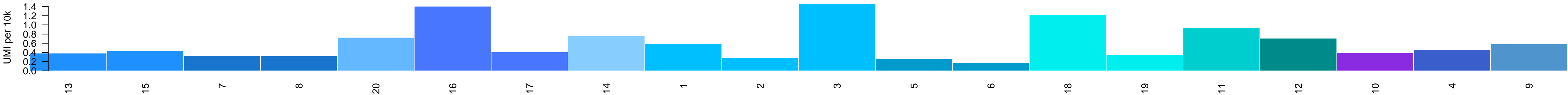
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4

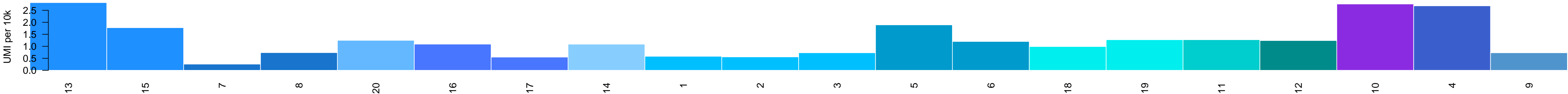
9



Pkinase.HG22.11:CSNK1G1/CSNK1G2/CSNK1G3  
HoiH23\_PIH23\_004797

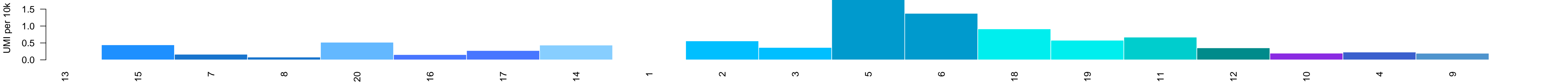


Pkinase.HG15.4:HIPK1/HIPK2/HIPK3/HIPK4  
HoiH23\_PIH23\_004935





Pkinase.HG4.16:CDK5  
HoiH23\_PIH23\_005081



Pkinase.HG13.1:like:GUCY2C/GUCY2D/GUCY2F/NPR1/NPR2  
HoiH23\_PIH23\_005283

UMI per 10k

8  
6  
4  
2  
0

13

15

7

8

20

16

17

14

1

2

3

5

6

18

19

11

12

10

4

9



Pkinase.HG7.8:NEK6/NEK7  
HoiH23\_PIH23\_005336

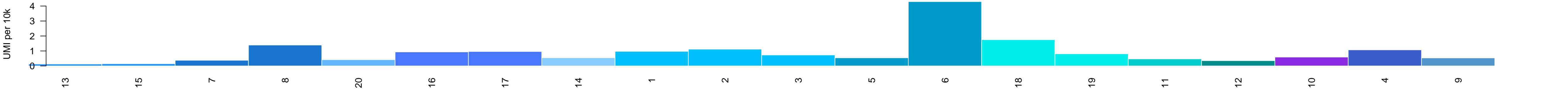
UMI per 10k

1.5  
1.0  
0.5  
0.0

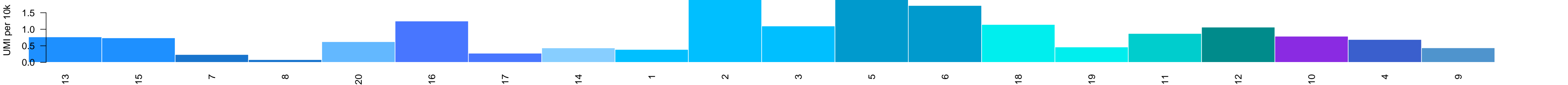
13 15 7 8 20 16 17 14 1 2 3 5 6 18 19 11 12 10 4 9



Pkinase.HG22.0:TTBK1/TTBK2  
HoiH23\_PIH23\_005442

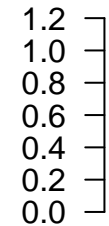


Pkinase.HG17.8:MAPK8/MAPK9/MAPK10  
HoiH23\_PIH23\_005488



**Pkinase.HG7.22:NEK8**  
**HoiH23\_PIH23\_005555**

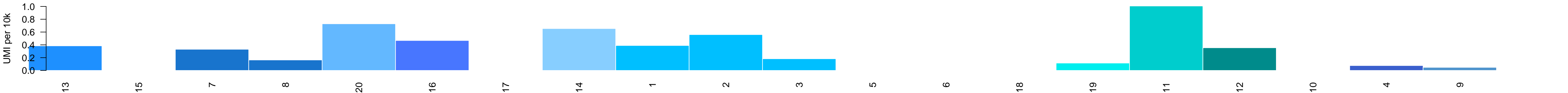
UMI per 10k



Pkinase.HG7.11:like:NEK6/NEK7  
HoiH23\_PIH23\_005585

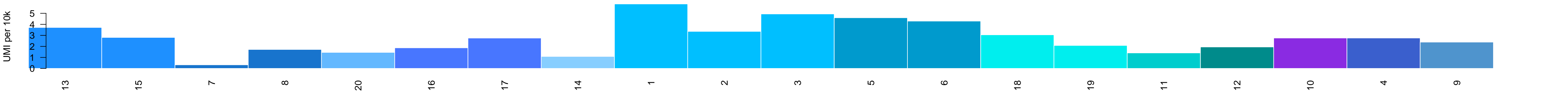


**Pkinase.HG12.0:C8orf44-SGK3/SGK1/SGK2/SGK3**  
**HoiH23\_PIH23\_005586**

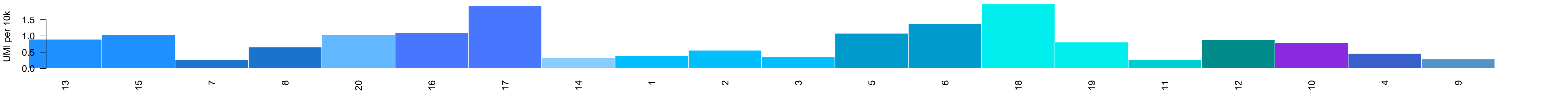




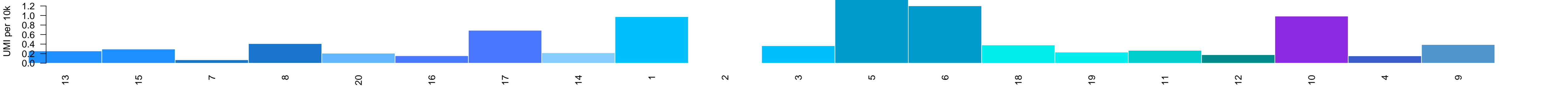
Pkinase.HG40.4:like:GRK1/GRK2/GRK3/GRK4/GRK5/GRK6/GRK7;RGS.HG2.0:GRK1/GRK4/GRK5/GRK6/GRK7  
HoiH23\_PIH23\_005750



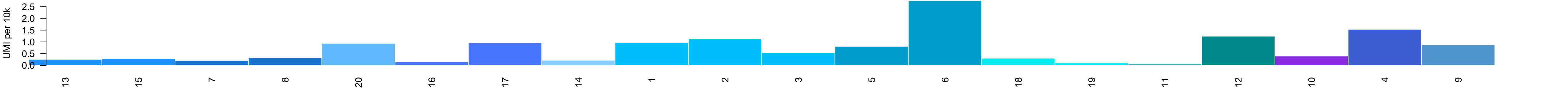
**Pkinase.HG17.1:MAPK1/MAPK3**  
**HoiH23\_PIH23\_005880**



Pkinase.HG2.37:SIK1/SIK1B/SIK2/SIK3  
HoiH23\_PIH23\_006141



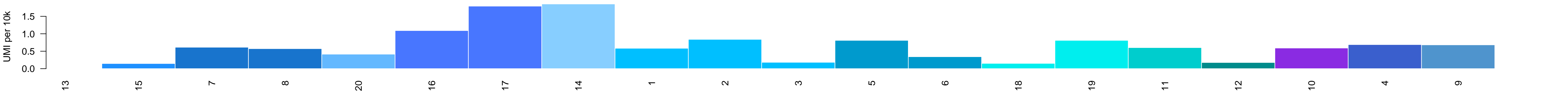
Pkinase.HG42.1:like:ARAF/BRAF/KSR1/KSR2/RAF1  
HoiH23\_PIH23\_006219



**Pkinase.HG15.8:AC005832.4/DYRK4**  
**HoiH23\_PIH23\_006602**



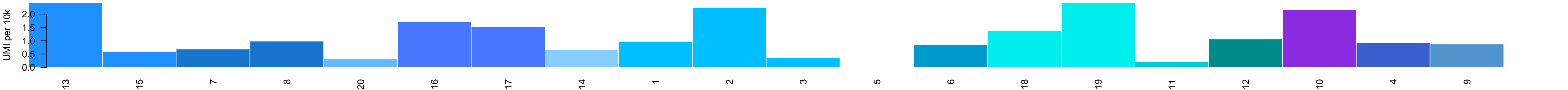
Pkinase.HG28.18:ACVR1/ACVRL1/BMPR1A/BMPR1B  
HoiH23\_PIH23\_006740



**Pkinase.HG12.6:PRKCI/PRKCZ**  
**HoiH23\_PIH23\_006783**

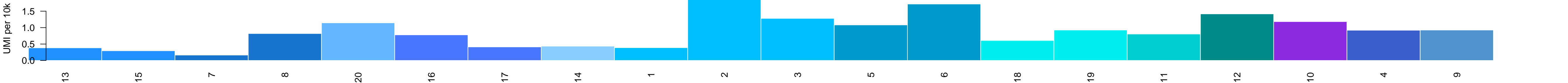


Pkinase.HG17.3:NLK  
HoiH23\_PIH23\_006958





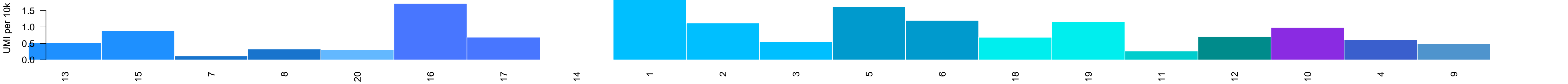
Pkinase.HG40.10:GRK2/GRK3;RGS.HG2.2:GRK2/GRK3  
HoiH23\_PIH23\_006962



Pkinase.HG2.23:CAMKK1/CAMKK2  
HoiH23\_PIH23\_006964



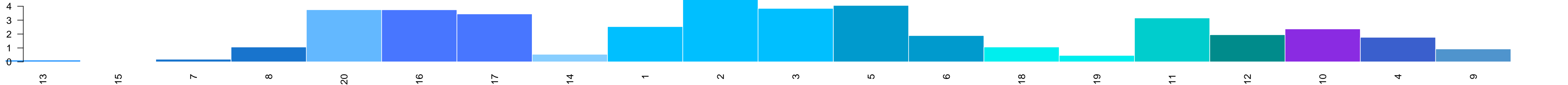
**Pkinase.HG10.8:STK3/STK4**  
**HoiH23\_PIH23\_007469**



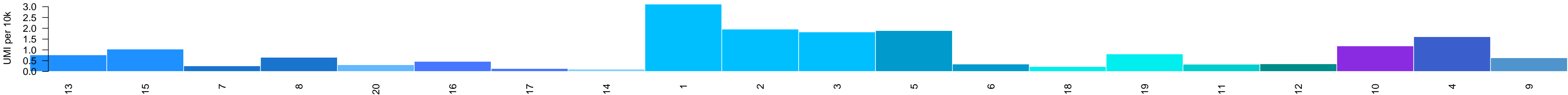
Pkinase.HG14.3:STK32A/STK32B/STK32C

HoiH23\_PIH23\_007620

UMI per 10k



Pkinase.HG5.21:MOS  
HoiH23\_PIH23\_007752

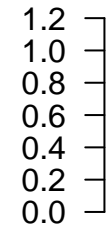


Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
HoiH23\_PIH23\_007834



**Pkinase.HG2.18:STK11**  
**HoiH23\_PIH23\_008110**

UMI per 10k

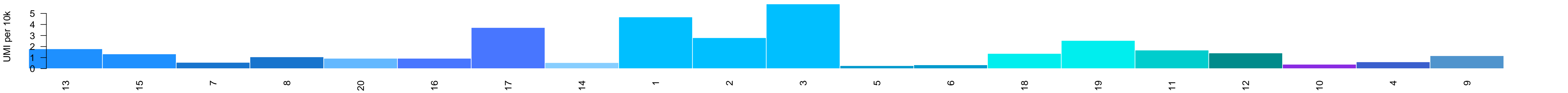


**Pkinase.HG1.7:like:STYK1**  
**HoiH23\_PIH23\_008146**

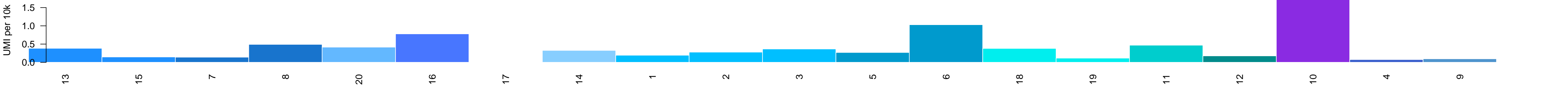




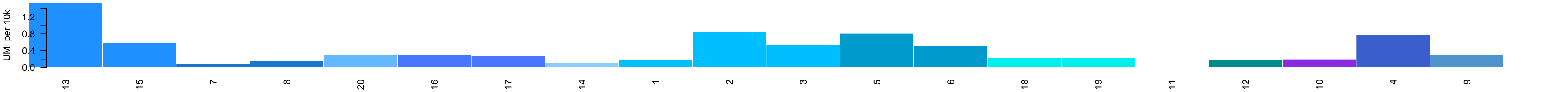
Pkinase.HG2.15:TRIB1/TRIB2/TRIB3  
HoiH23\_PIH23\_008188



Pkinase.HG4.8:CDK8/CDK19  
HoiH23\_PIH23\_008269



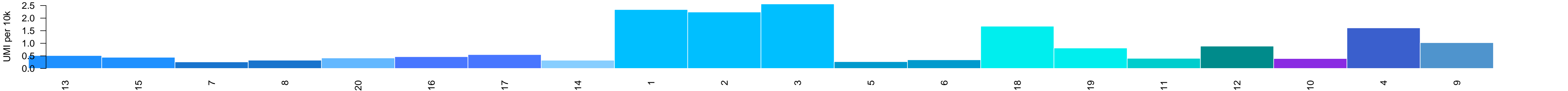
Pkinase.HG38.0:STK16  
HoiH23\_PIH23\_008452



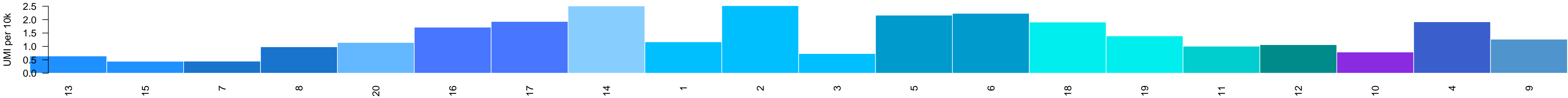
Pkinase.HG7.21:like:NEK8  
HoiH23\_PIH23\_008578



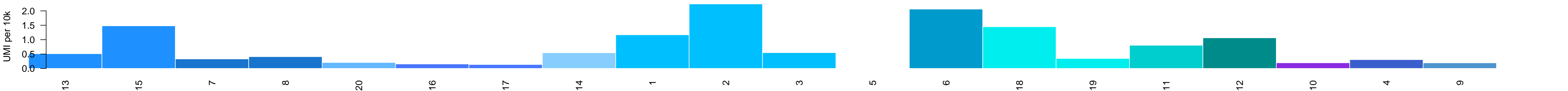
Pkinase.HG53.1:SRPK1/SRPK2/SRPK3  
HoiH23\_PIH23\_008988



Pkinase.HG39.5:CDKL1/CDKL4  
HoiH23\_PIH23\_009088



Pkinase.HG30.2:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6  
HoiH23\_PIH23\_009212



Pkinase.HG45.1:WNK1/WNK2/WNK3/WNK4

HoiH23\_PIH23\_009337

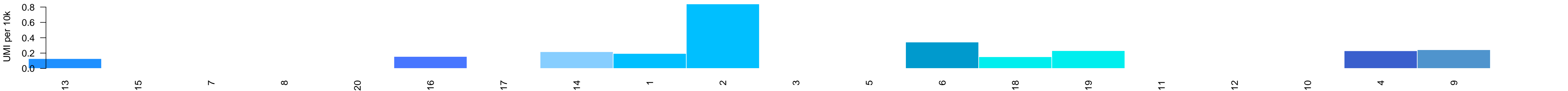
UMI per 10k

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

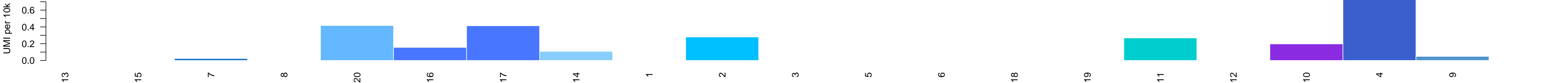




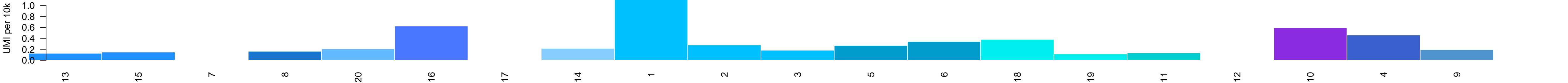
**Pkinase.HG7.10:NEK11**  
**HoiH23\_PIH23\_009383**



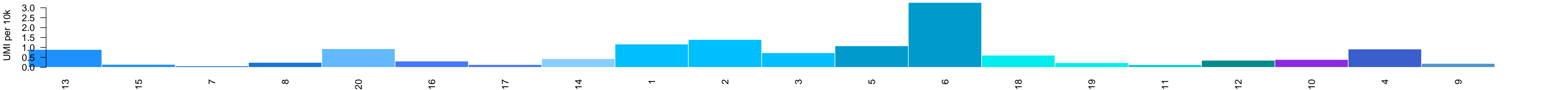
Pkinase.HG37.1:MOK  
HoiH23\_PIH23\_009422



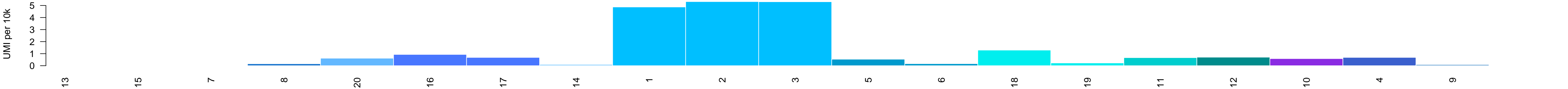
**Pkinase.HG7.20:NEK1**  
**HoiH23\_PIH23\_009529**



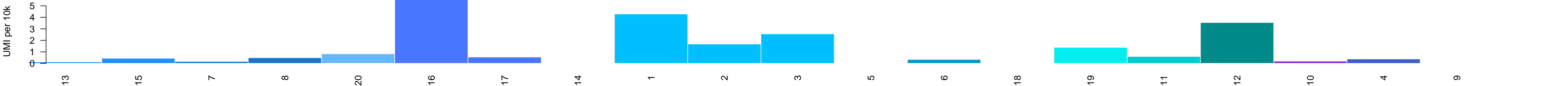
Pkinase.HG6.10:PRKD1/PRKD2/PRKD3  
HoiH23\_PIH23\_009713



Pkinase.HG12.10:AL355916.3/PRKCE/PRKCH  
HoiH23\_PIH23\_009716



**Pkinase.HG13.15:GUCY2D/GUCY2F**  
**HoiH23\_PIH23\_009783**



Pkinase.HG6.19:like:CAMK2A/CAMK2B/CAMK2D/CAMK2G

HoiH23\_PIH23\_009894

UMI per 10k

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1.5  
1.0  
0.5  
0.0

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

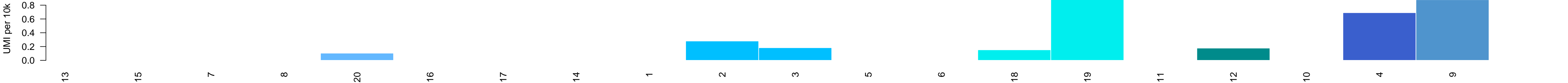


Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
HoiH23\_PIH23\_010002





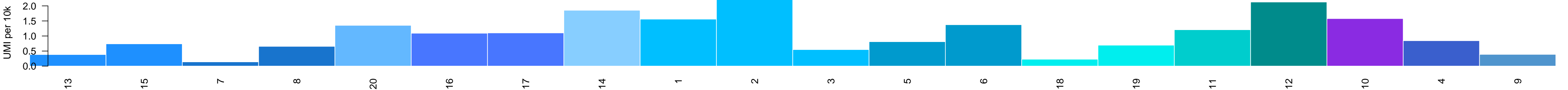
Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
HoiH23\_PIH23\_010004



Pkinase.HG14.12:RPS6KA1/RPS6KA2/RPS6KA3/RPS6KA6  
HoiH23\_PIH23\_010225



Pkinase.HG37.5:AC006486.1/GSK3A/GSK3B  
HoiH23\_PIH23\_010447



**Pkinase.HG6.2:STK33**  
**HoiH23\_PIH23\_011055**

UMI per 10k

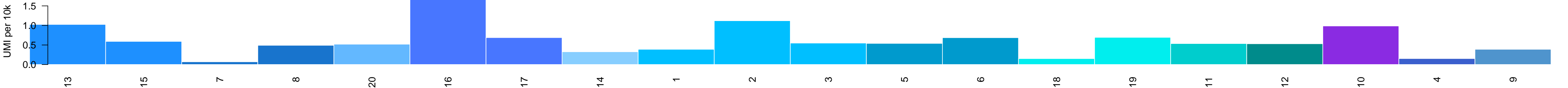
0.8  
0.6  
0.4  
0.2  
0.0



Pkinase.HG28.16:like:ACVR1/ACVR1B/ACVR1C/ACVRL1/BMPR1A/BMPR1B/TGFBR1  
HoiH23\_PIH23\_011105



Pkinase.HG2.21:SNRK  
HoiH23\_PIH23\_011470



Pkinase.HG2.34:NIM1K  
HoiH23\_PIH23\_011806

