

Pkinase.HG1.8:like:AC058822.1/CSF1R/FGFR1/FGFR2/FGFR3/FGFR4/FLT1/FLT3/FLT4/KDR/KIT/PDGfra/PDGFRB/RET

Tadh\_hyp\_clust6512

UMI per 10k

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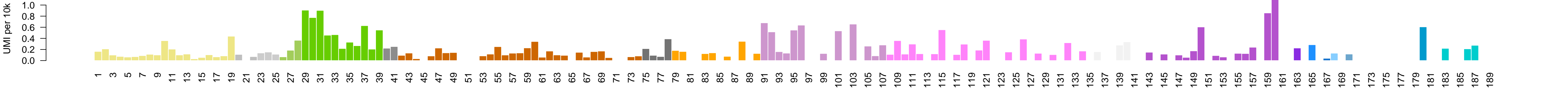
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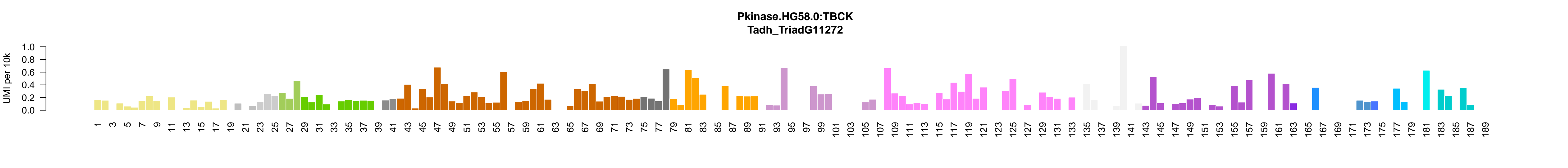
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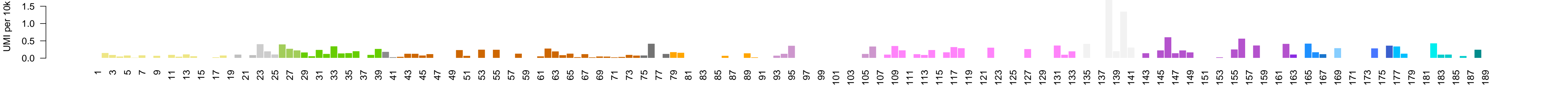
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Pkinase.HG19.4:MAP3K5/MAP3K6/MAP3K15  
Tadh\_TriadG10277

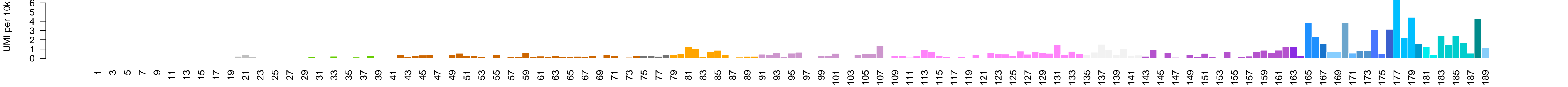




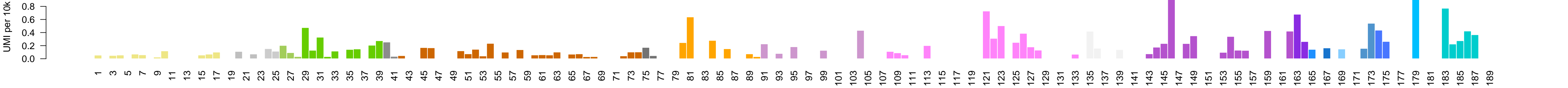
Pkinase.HG51.1:SCYL1  
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Pkinase.HG2.34:NIM1K  
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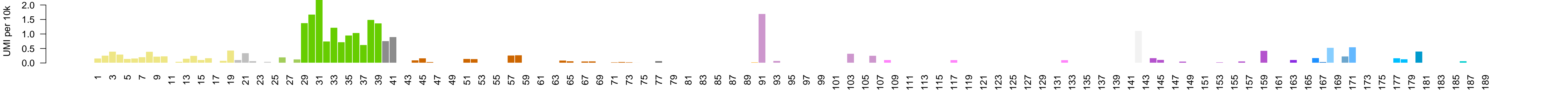


Pkinase.HG8.16:AATK/IGF1R/INSR/INSRR/LMTK2/LMTK3  
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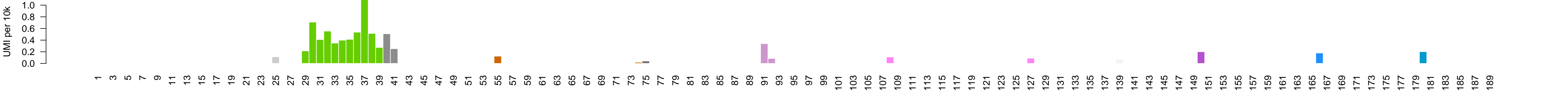


Pkinase.HG30.2:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6

Tadh\_TriadG12344

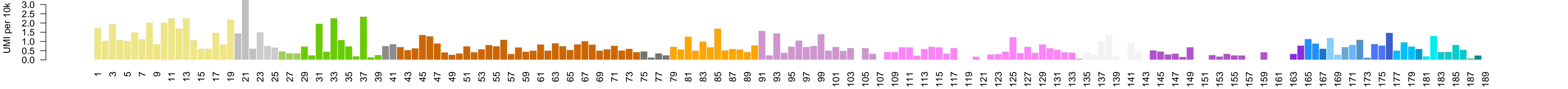


**Pkinase.HG8.4:like:AATK/AL132671.2/ALK/DDR1/DDR2/IGF1R/INSR/INSRR/LMTK2/LMTK3/LTK/NTRK1/NTRK2/NTRK3/PTK7/ROS1**  
**Tadh\_TriadG15161**

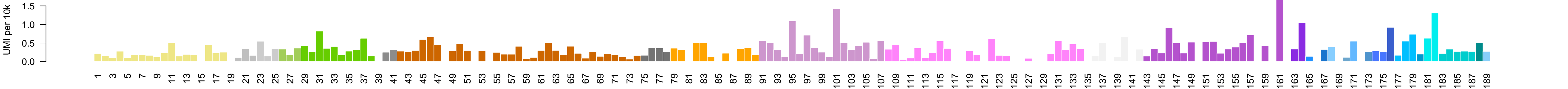


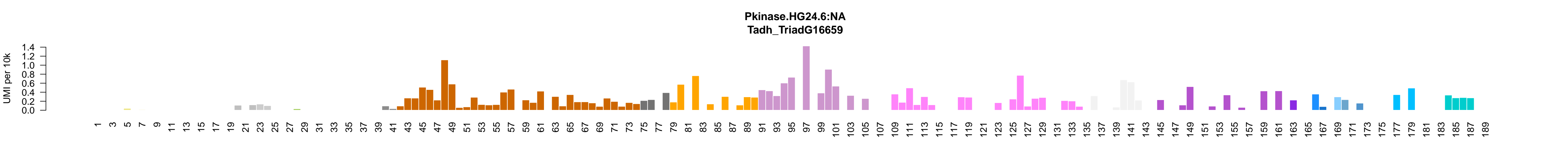


Pkinase.HG6.16:CAMKV  
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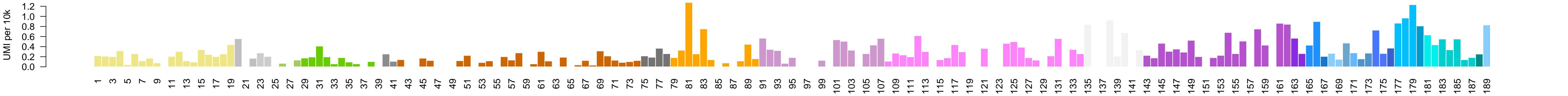


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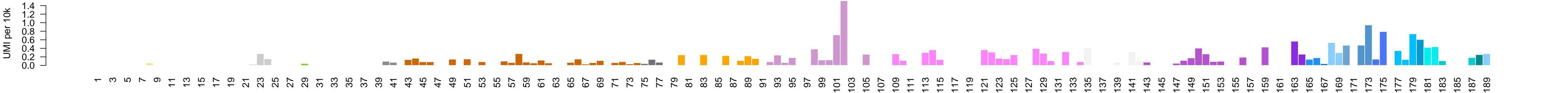




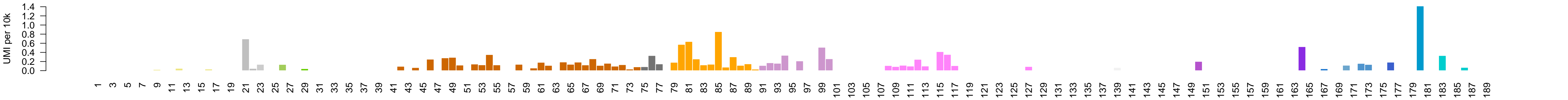
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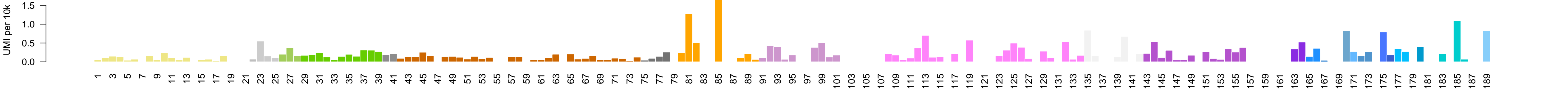
Pkinase.HG7.21:like:NEK8  
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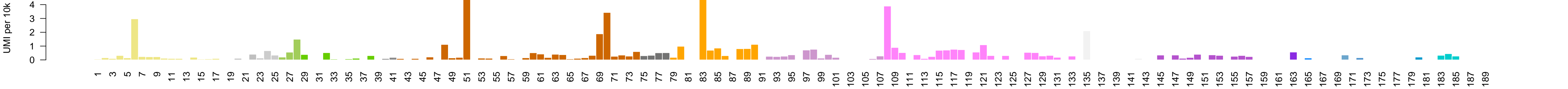
Pkinase.HG22.0:TTBK1/TTBK2  
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Pkinase.HG14.10:RPS6KA4/RPS6KA5  
Tadh\_TriadG19422

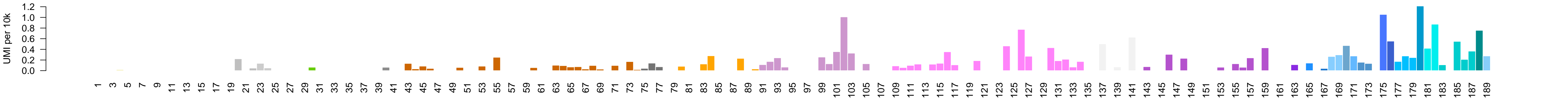


Pkinase.HG22.1:VRK1/VRK2/VRK3  
Tadh\_TriadG19437

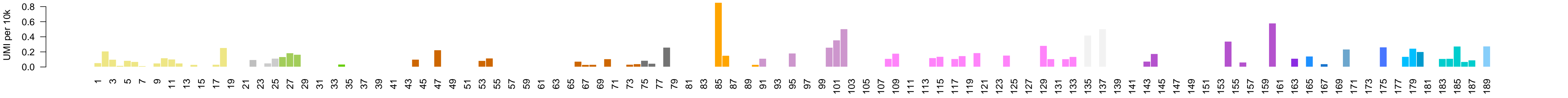




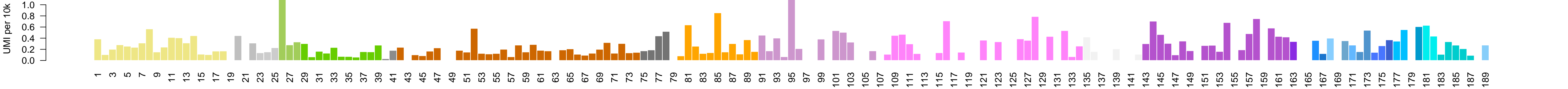
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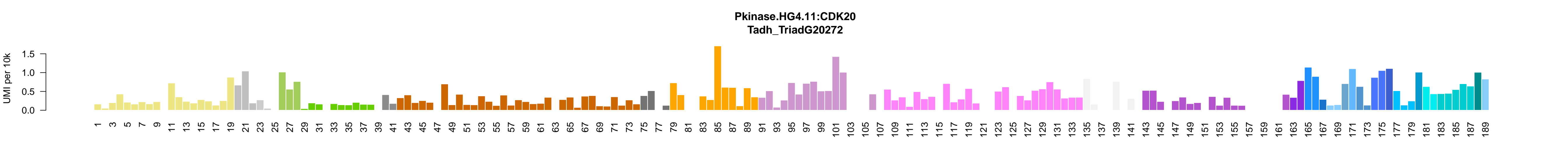


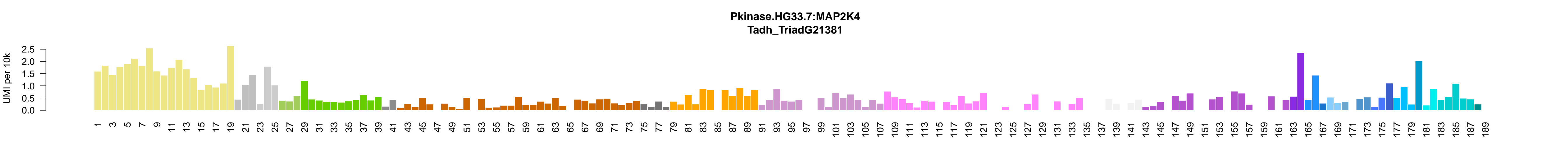
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Tadh\_TriadG20128



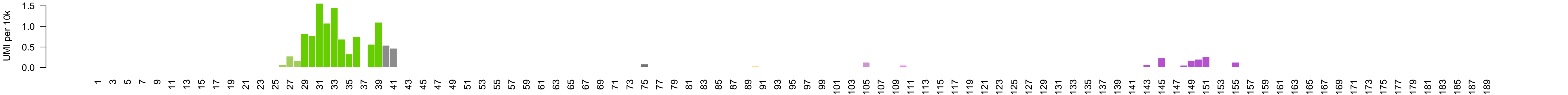
Pkinase.HG4.18:CDK16/CDK17/CDK18  
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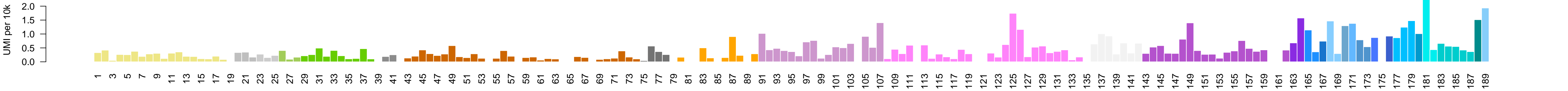


Pkinase.HG8.5:DDR1/DDR2  
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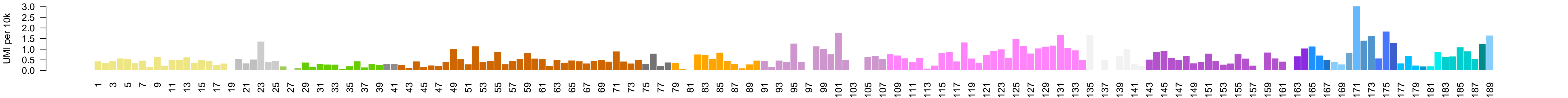


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Tadh\_TriadG22033

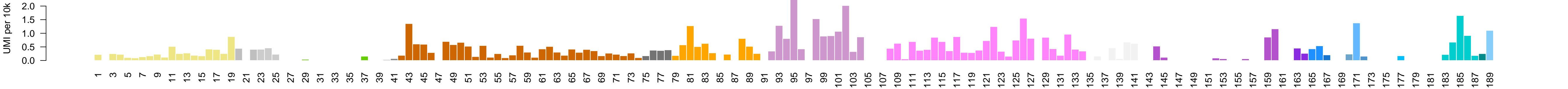


Pkinase.HG22.11:CSNK1G1/CSNK1G2/CSNK1G3  
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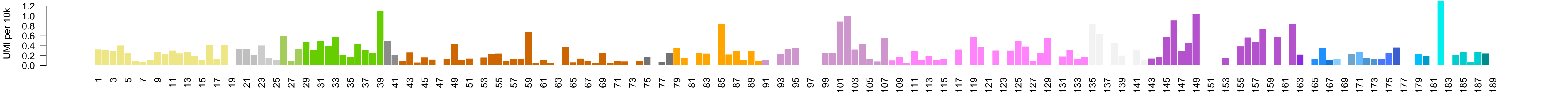




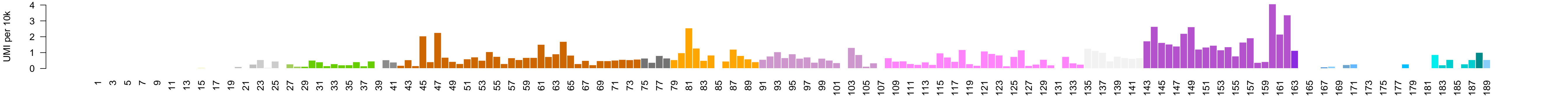
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Tadh\_TriadG22452



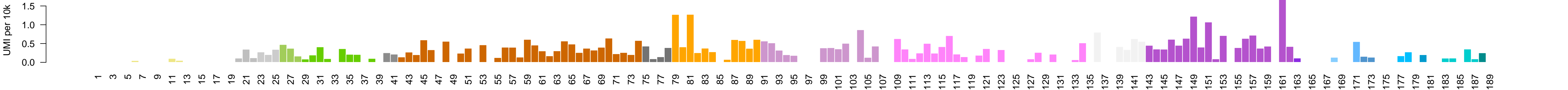
Pkinase.HG19.1:MAP3K2/MAP3K3  
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Pkinase.HG23.12:like:MYLK/MYLK2/MYLK3/MYLK4/TTN  
Tadh\_TriadG22731

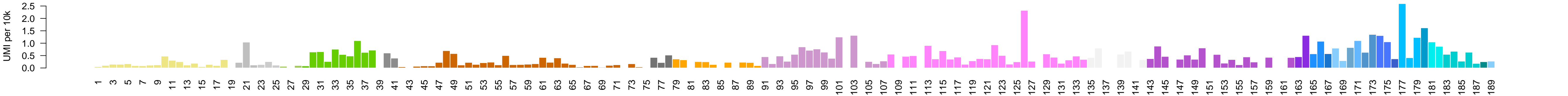


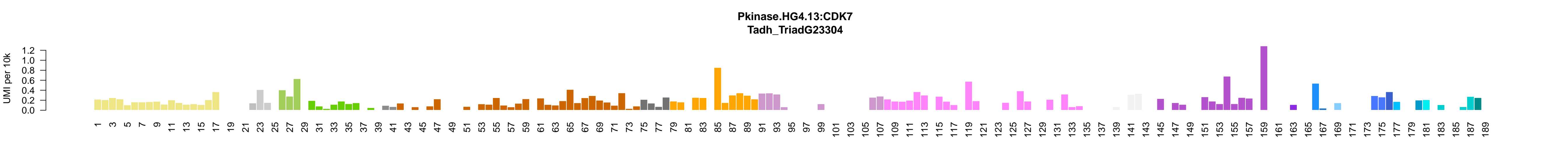
Pkinase.HG23.13:MYLK/MYLK2/MYLK3/MYLK4/TTN  
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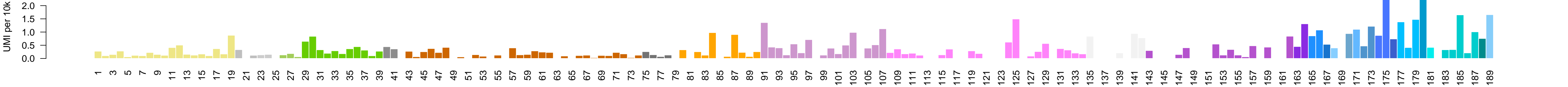
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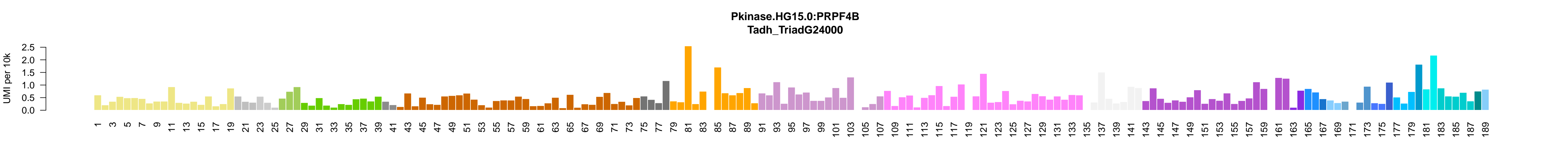
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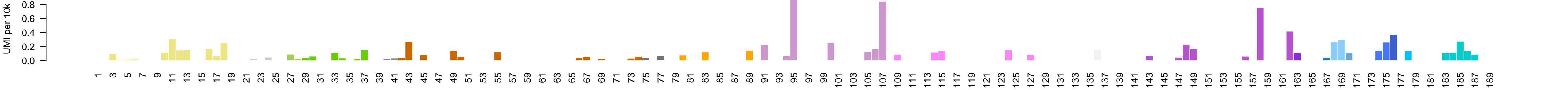
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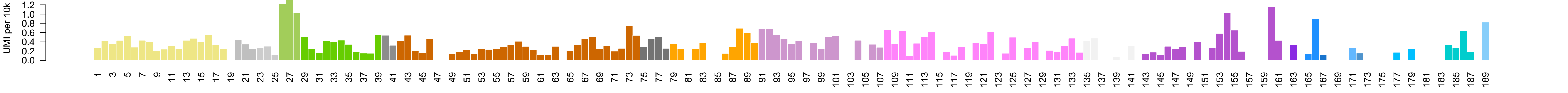




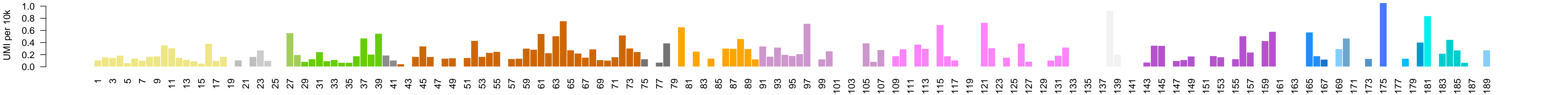
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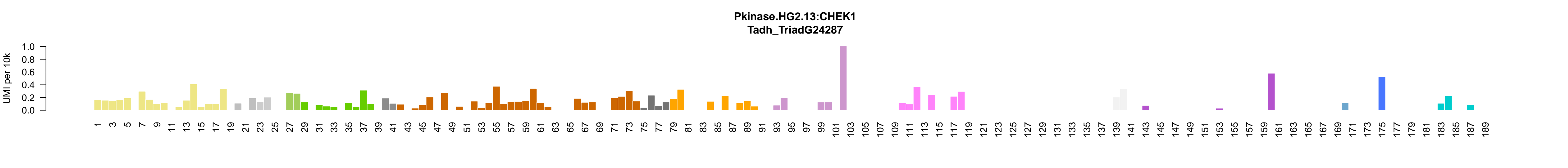


Pkinase.HG56.0:TP53RK  
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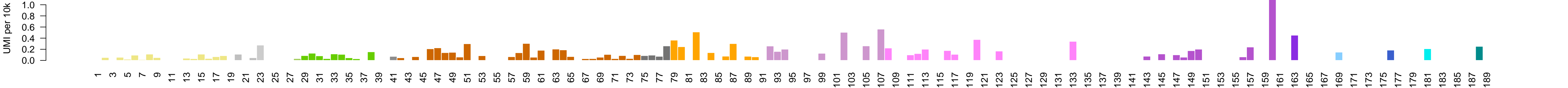


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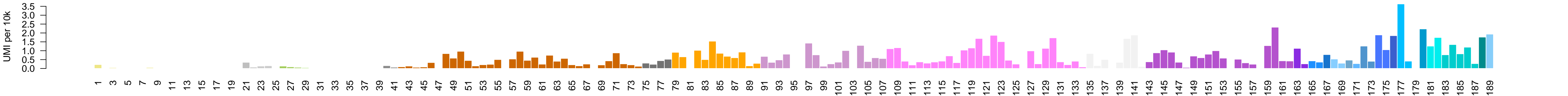
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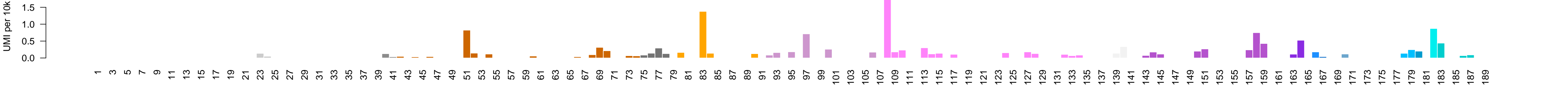
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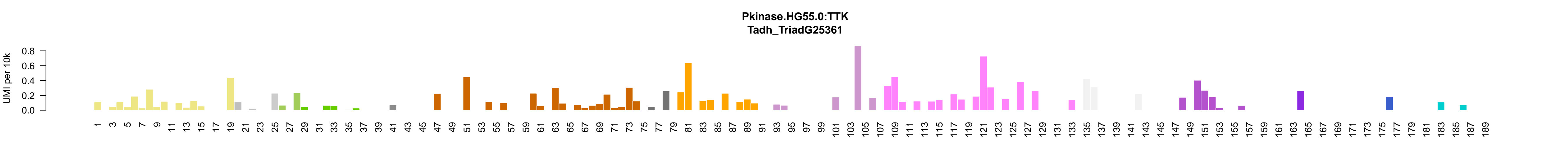
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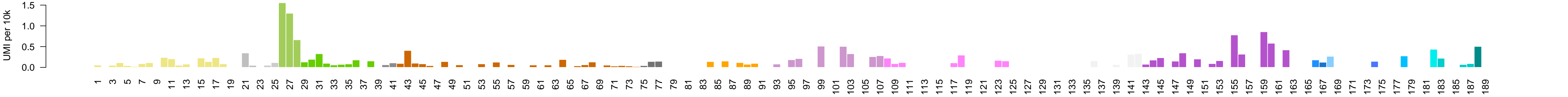
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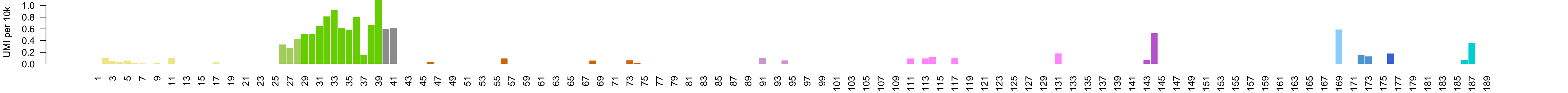




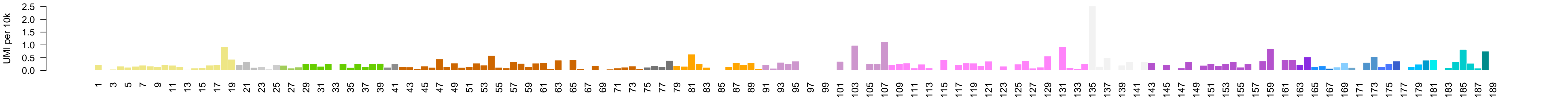
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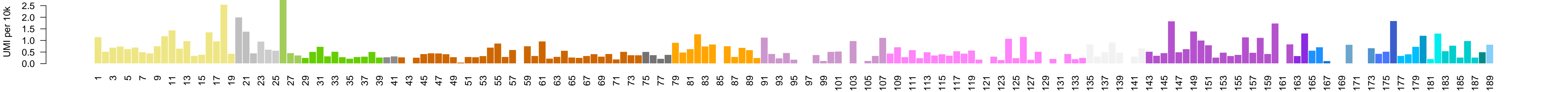
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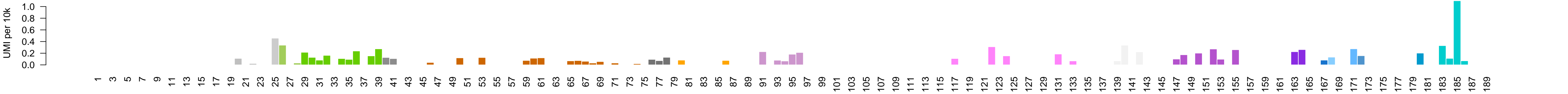
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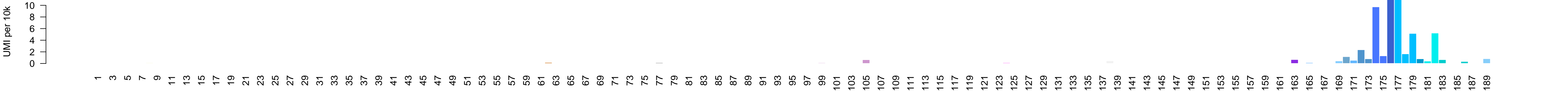
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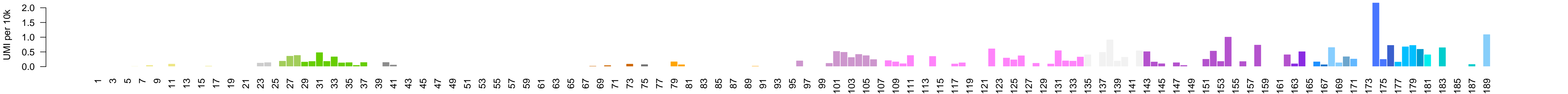
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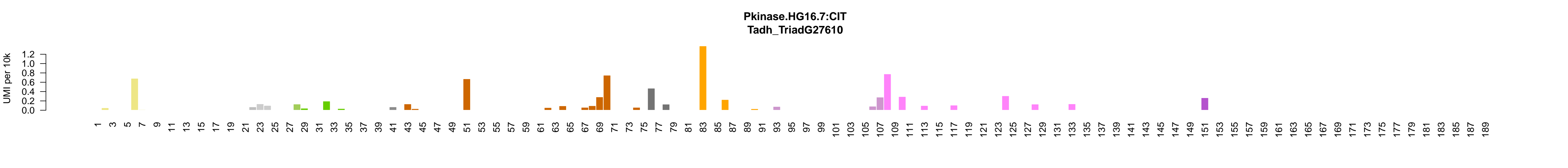
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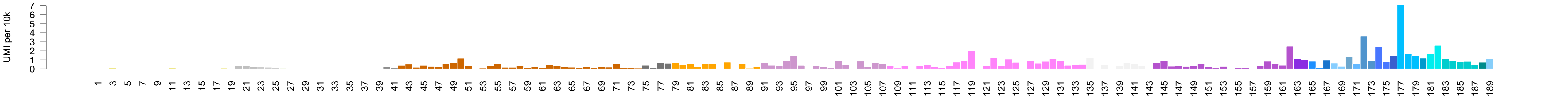
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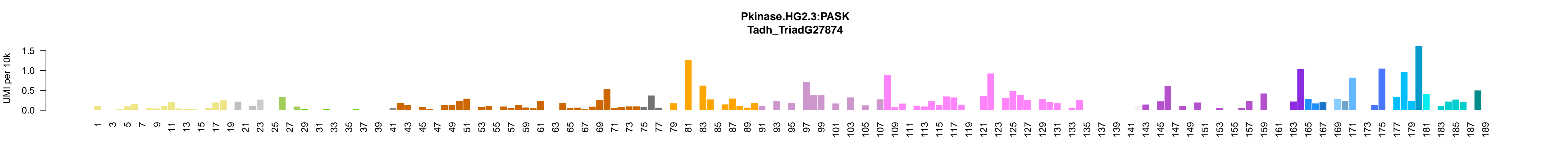




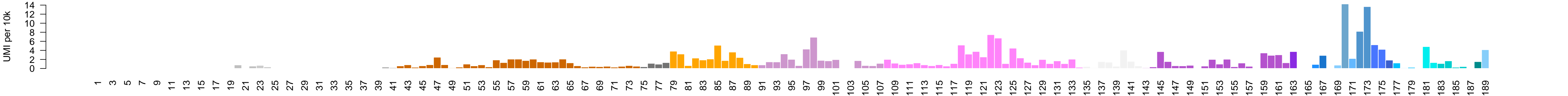


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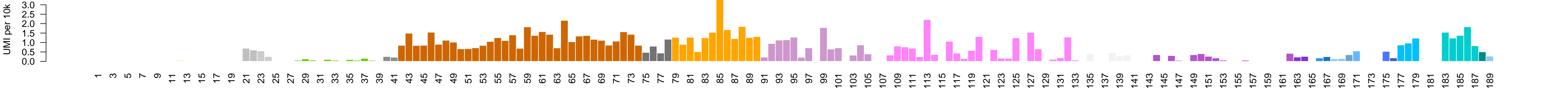




Pkinase.HG7.11:like:NEK6/NEK7  
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Pkinase.HG12.0:C8orf44-SGK3/SGK1/SGK2/SGK3  
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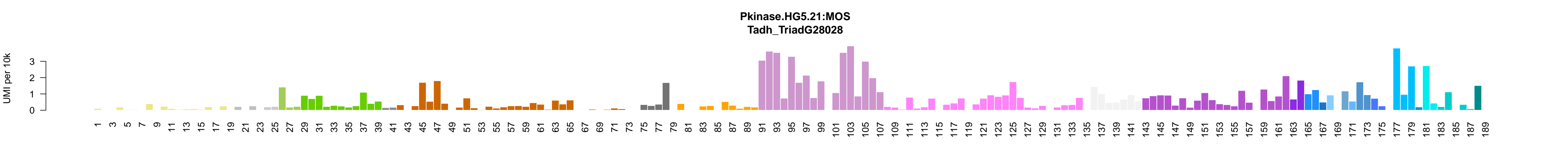


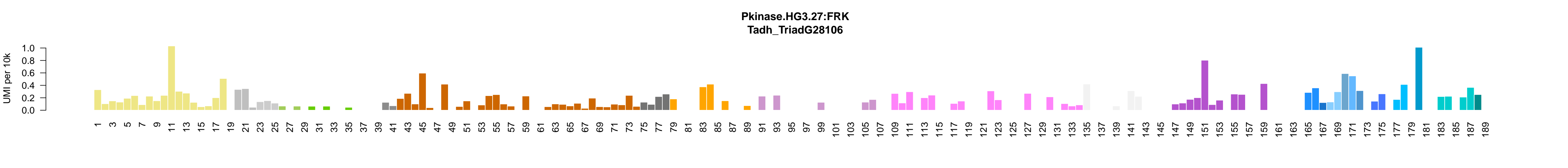
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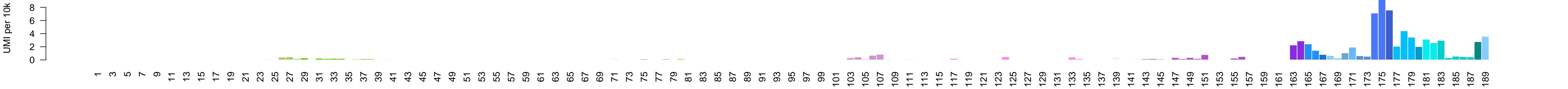
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Pkinase.HG5.21:MOS  
Tadh\_TriadG28028





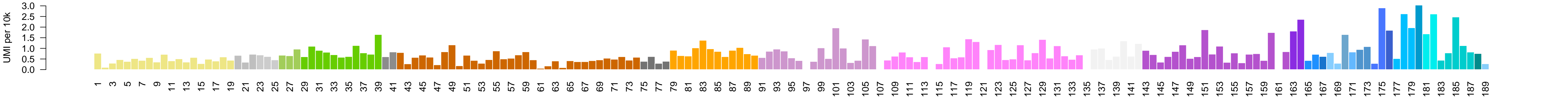
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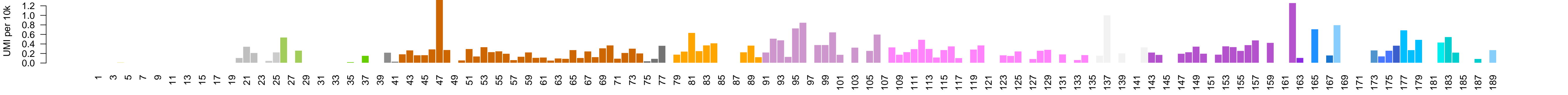


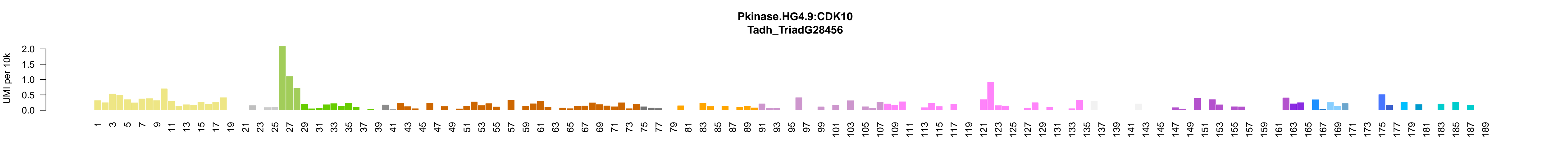
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Tadh\_TriadG28308

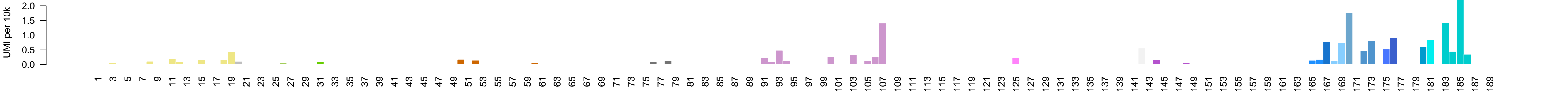


Pkinase.HG10.7:SLK/STK10  
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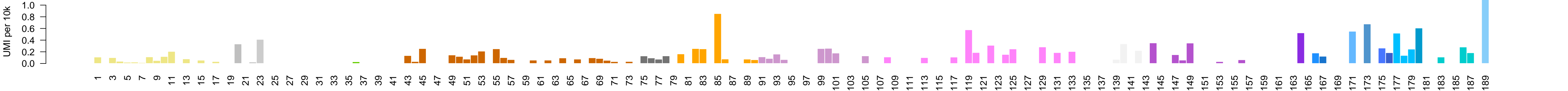




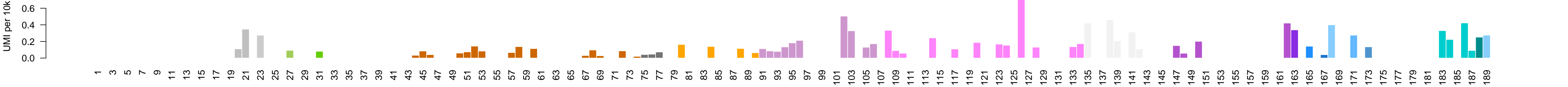
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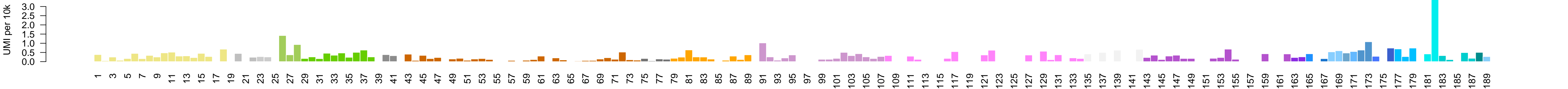
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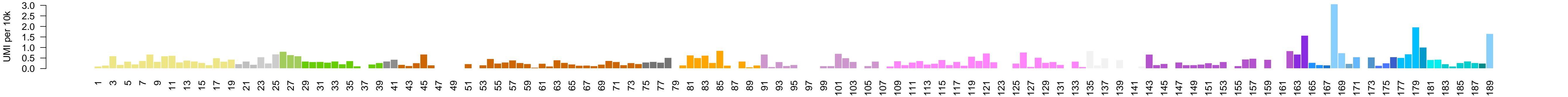
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Pkinase.HG44.5:AL451136.1/TESK1/TESK2  
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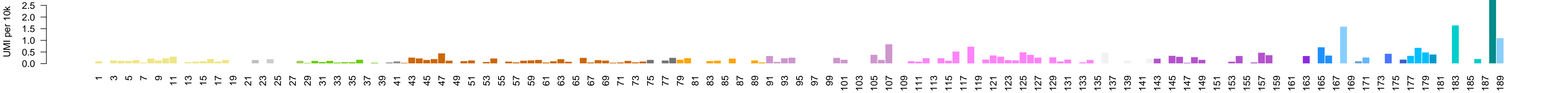


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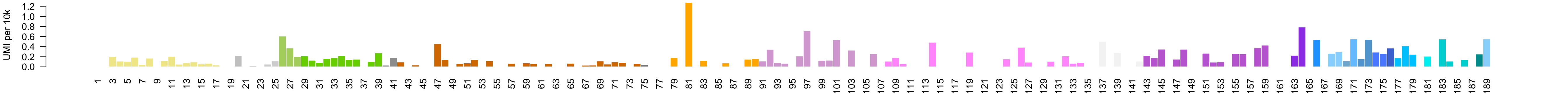




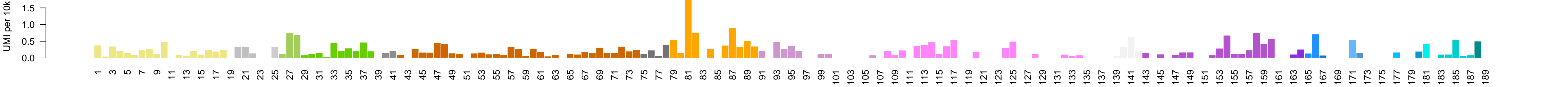
Pkinase.HG2.23:CAMKK1/CAMKK2  
Tadh\_TriadG28940

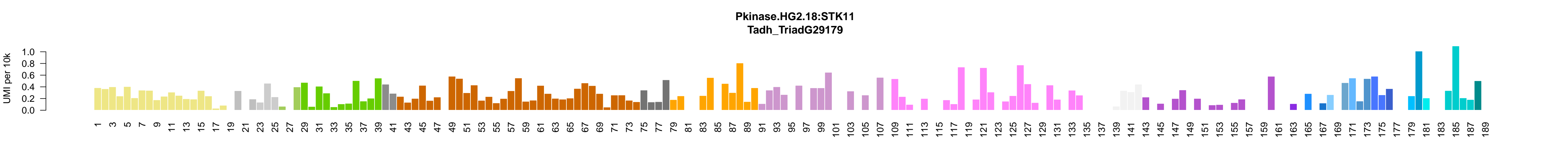


Pkinase.HG25.4:ULK1/ULK2  
Tadh\_TriadG29099

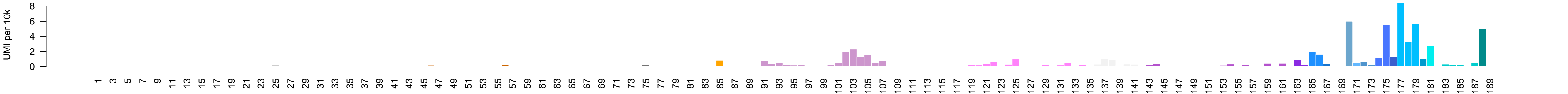


Pkinase.HG6.5:CHEK2  
Tadh\_TriadG29114

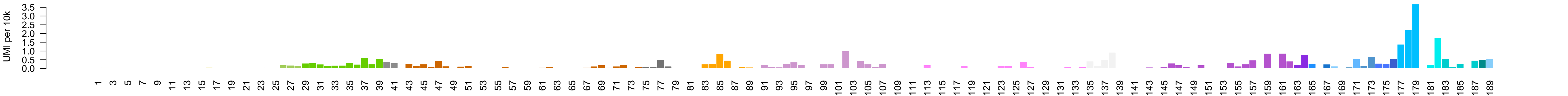




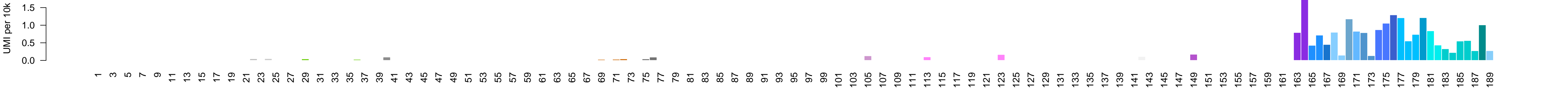
Pkinase.HG13.15:GUCY2D/GUCY2F  
Tadh\_TriadG29353



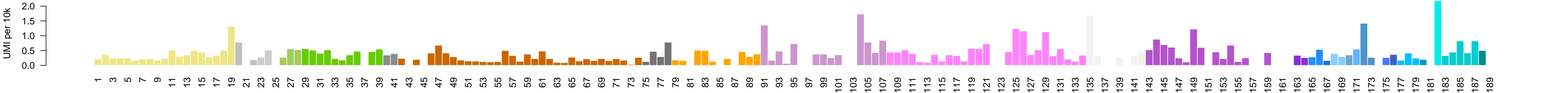
Pkinase.HG12.10:AL355916.3/PRKCE/PRKCH  
Tadh\_TriadG30067



Pkinase.HG6.10:PRKD1/PRKD2/PRKD3  
Tadh\_TriadG30089

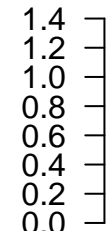


Pkinase.HG10.6:TAOK1/TAOK2/TAOK3  
Tadh\_TriadG30095

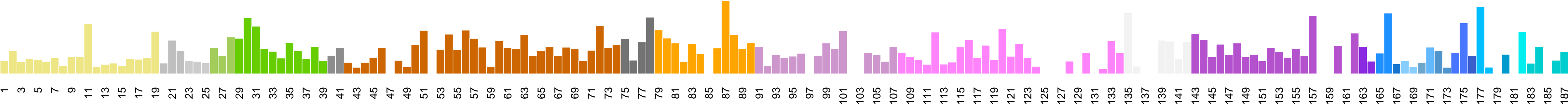




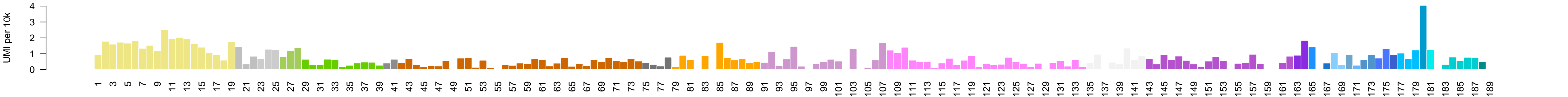
UMI per 10k



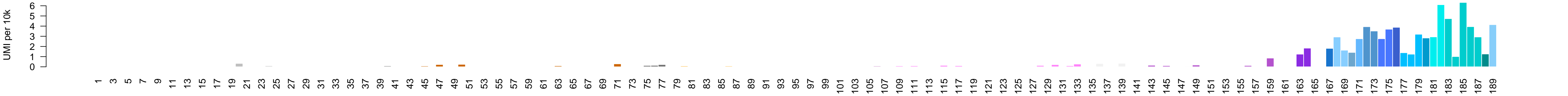
Pkinase.HG29.17:PRKG1  
Tadh\_TriadG30101

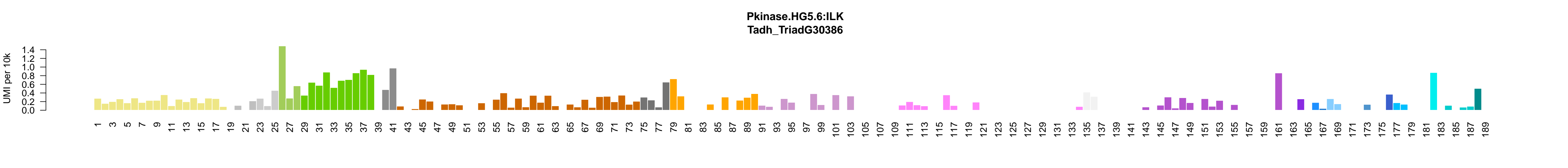


Pkinase.HG17.8:MAPK8/MAPK9/MAPK10  
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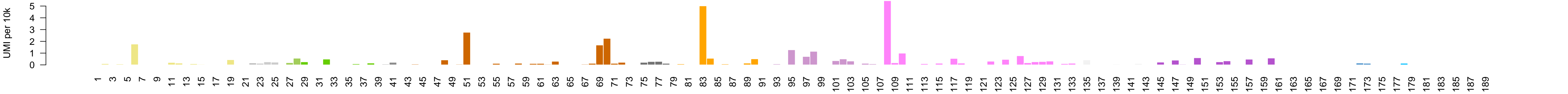


Pkinase.HG29.15:like:PRKG1  
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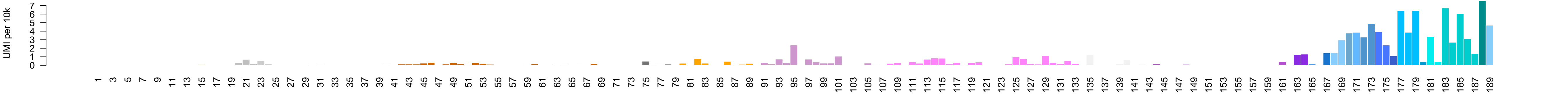




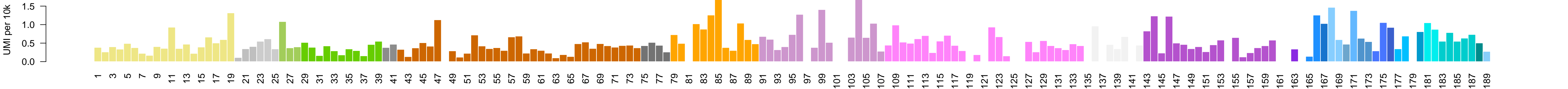
Pkinase.HG35.5:AURKA/AURKB/AURKC  
Tadh\_TriadG30577



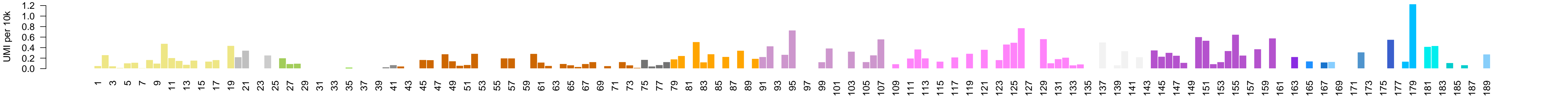
Pkinase.HG13.5:like:GUCY2C/GUCY2D/GUCY2F/NPR1/NPR2  
Tadh\_TriadG30655



Pkinase.HG12.4:like:C8orf44-SGK3/SGK1/SGK2/SGK3  
Tadh\_TriadG31577

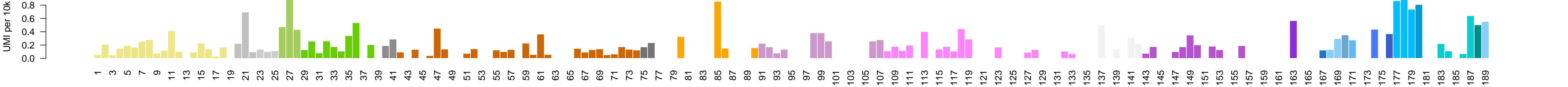


Pkinase.HG28.3:ACVR2A/ACVR2B  
Tadh\_TriadG3190

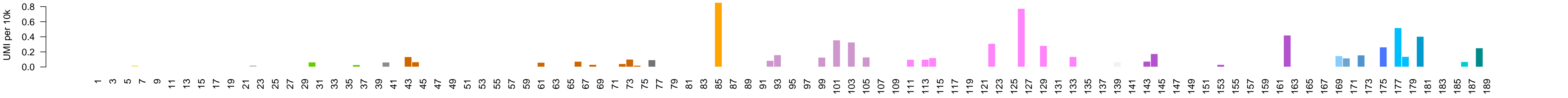




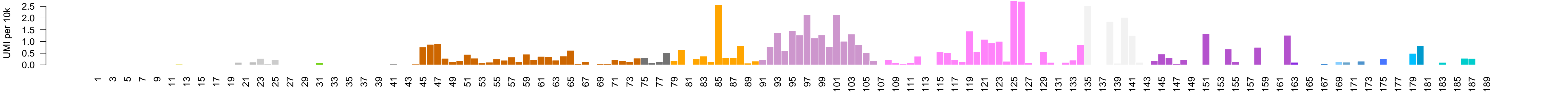
Pkinase.HG10.8:STK3/STK4  
Tadh\_TriadG32096



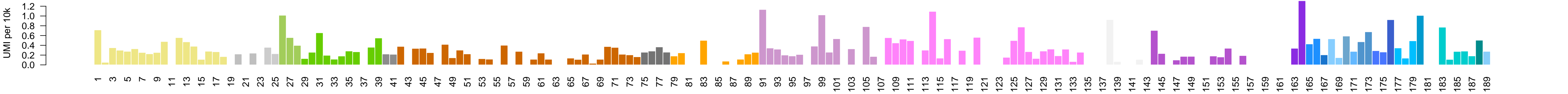
Pkinase.HG22.0:TTBK1/TTBK2  
Tadh\_TriadG32197



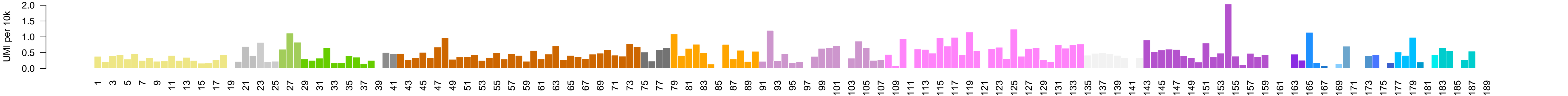
Pkinase.HG37.1:MOK  
Tadh\_TriadG32222



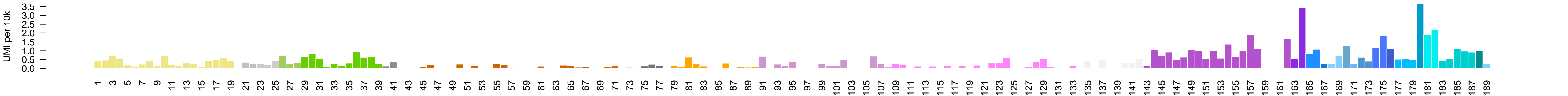
Pkinase.HG4.8:CDK8/CDK19  
Tadh\_TriadG32638



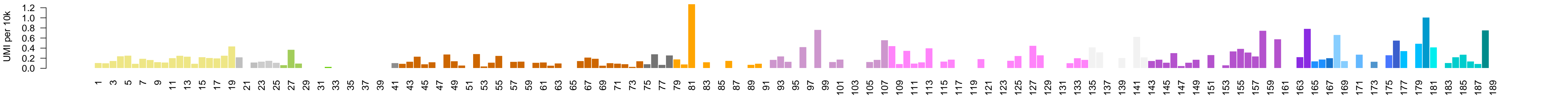
Pkinase.HG4.8:CDK8/CDK19  
Tadh\_TriadG32711



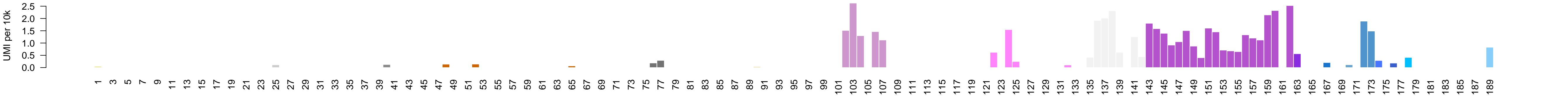
Pkinase.HG15.4:HIPK1/HIPK2/HIPK3/HIPK4  
Tadh\_TriadG32819



Pkinase.HG16.8: CDC42BPA/CDC42BPB/CDC42BPG/DMPK  
Tadh\_TriadG33180

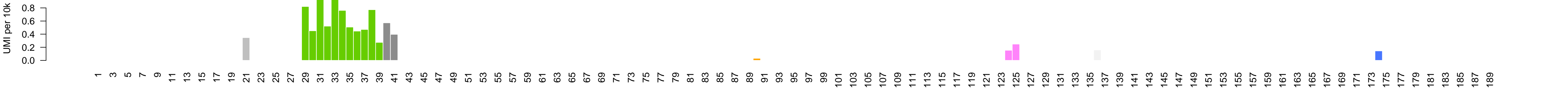


**Pkinase.HG15.8:AC005832.4/DYRK4**  
**Tadh\_TriadG33914**

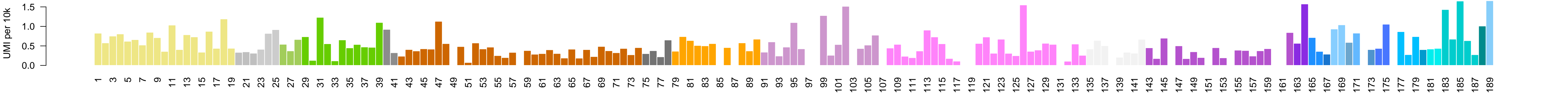




Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
Tadh\_TriadG34081



Pkinase.HG2.25:PRKAA1/PRKAA2  
Tadh\_TriadG37919

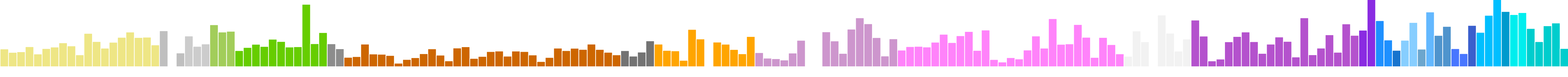


UMI per 10k

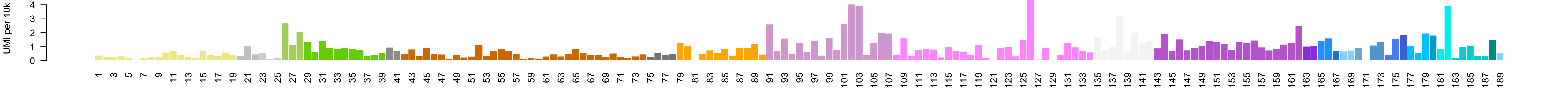
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1.5  
1.0  
0.5  
0.0

Pkinase.HG17.3:NLK  
Tadh\_TriadG38054

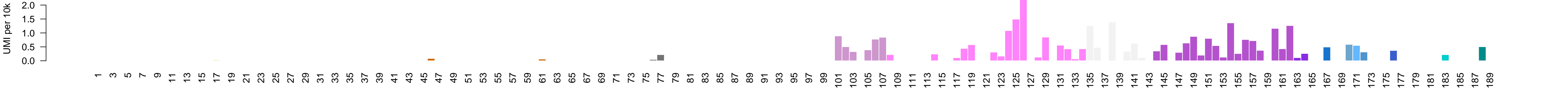
1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99 101 103 105 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139 141 143 145 147 149 151 153 155 157 159 161 163 165 167 169 171 173 175 177 179 181 183 185 187 189

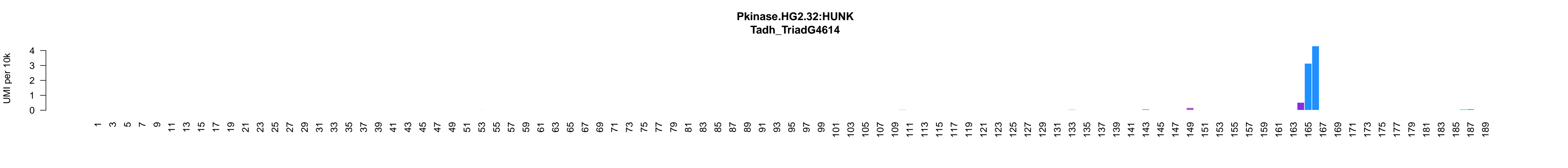


Pkinase.HG45.1:WNK1/WNK2/WNK3/WNK4  
Tadh\_TriadG4059

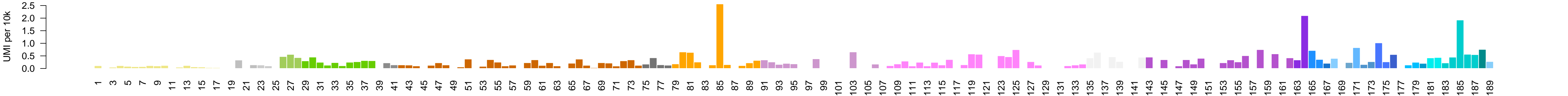


Pkinase.HG8.16:AATK/IGF1R/INSR/INSRR/LMTK2/LMTK3  
Tadh\_TriadG4397

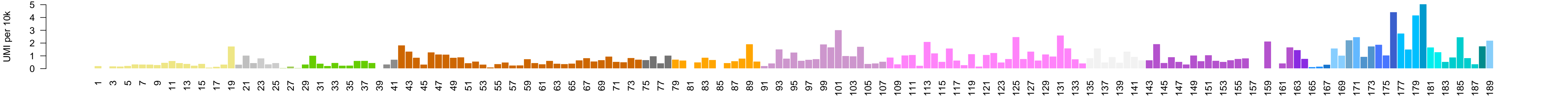




Pkinase.HG10.3:OXSR1/STK39  
Tadh\_TriadG49613

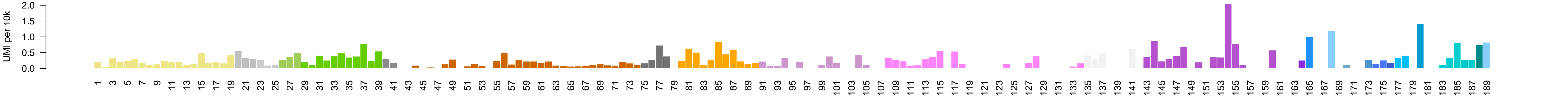


Pkinase.HG2.24:BR SK1/BR SK2  
Tadh\_TriadG49700

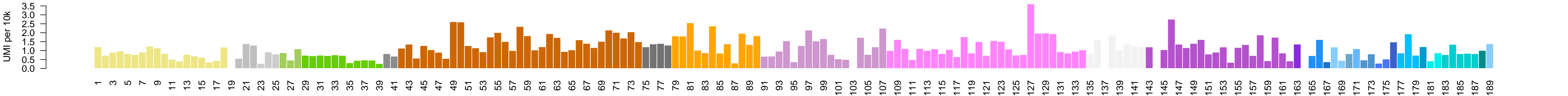




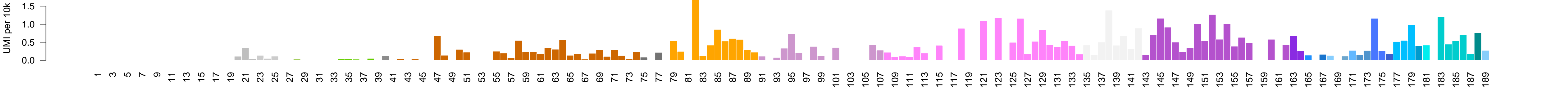
Pkinase.HG10.10:STK24/STK25/STK26  
Tadh\_TriadG49722



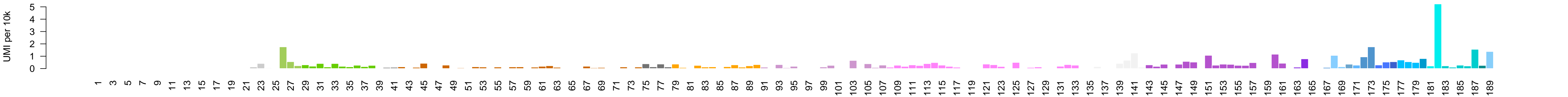
Pkinase.HG6.18:CAMK1/CAMK1D/CAMK1G/PNCK  
Tadh\_TriadG49758



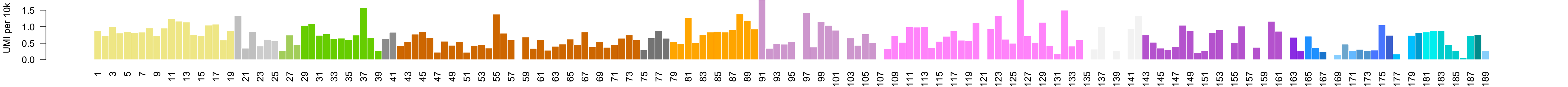
Pkinase.HG6.2:STK33  
Tadh\_TriadG49991



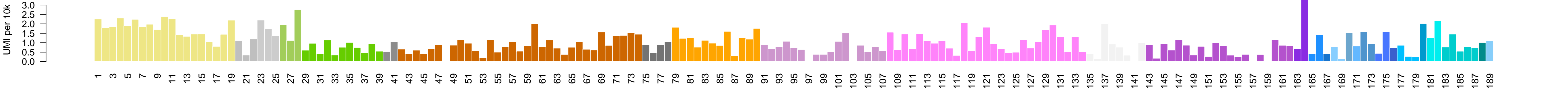
Pkinase.HG4.17:CDK14/CDK15  
Tadh\_TriadG50028



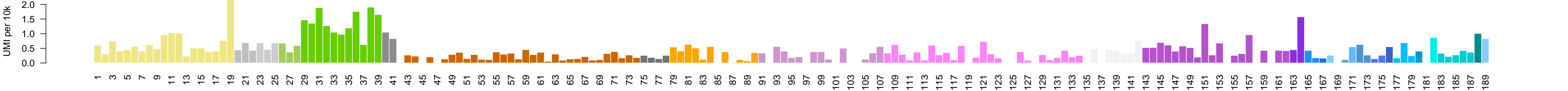
Pkinase.HG17.12:MAPK11/MAPK12/MAPK13/MAPK14  
Tadh\_TriadG50163



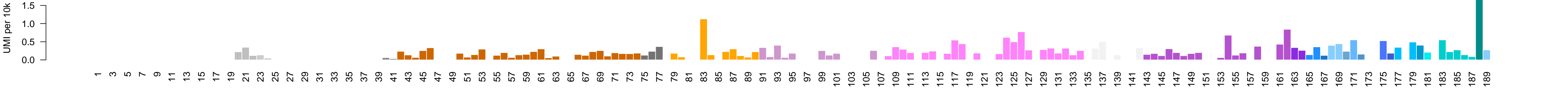
Pkinase.HG47.1:CSNK2A1/CSNK2A2/CSNK2A3  
Tadh\_TriadG50201



Pkinase.HG3.33:like:BLK/FGR/FYN/HCK/LCK/LYN/SRC/YES1  
Tadh\_TriadG50482

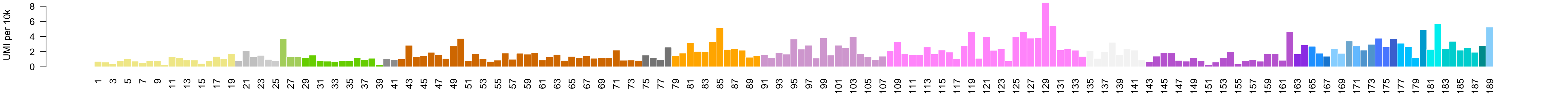


Pkinase.HG17.4:MAPK15  
Tadh\_TriadG50520

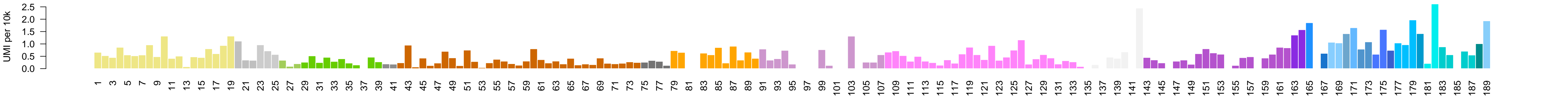


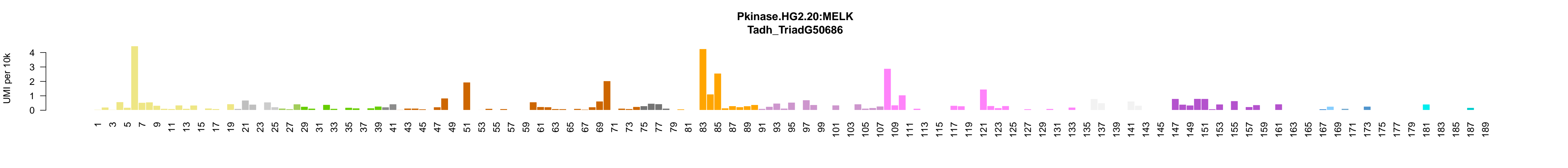


Pkinase.HG22.8:CSNK1A1/CSNK1A1L  
Tadh\_TriadG50603



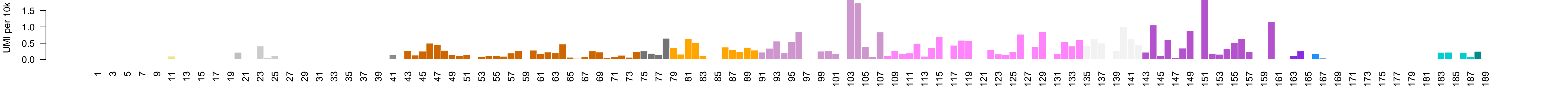
Pkinase.HG17.1:MAPK1/MAPK3  
Tadh\_TriadG50661



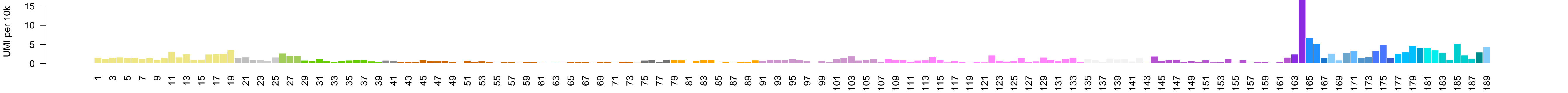


Pkinase.HG3.1:like:ABL1/ABL2/BLK/BMX/BTK/CSK/FER/FES/FGR/FRK/FYN/HCK/ITK/LCK/LYN/MATK/PTK6/SRC/SRMS/TEC/TXK/YES1

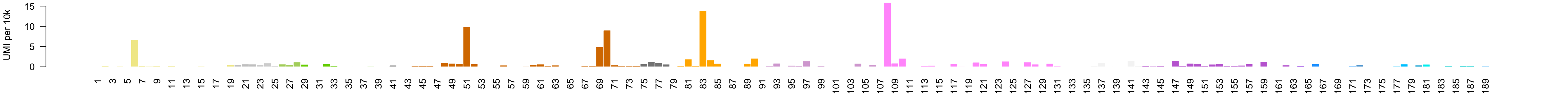
Tadh\_TriadG50752



Pkinase.HG6.22:CAMK2A/CAMK2B/CAMK2D/CAMK2G  
Tadh\_TriadG50756

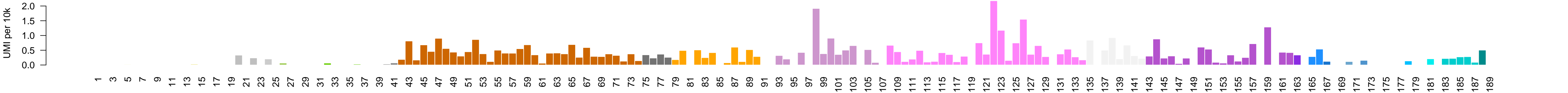


Pkinase.HG35.10:PLK1  
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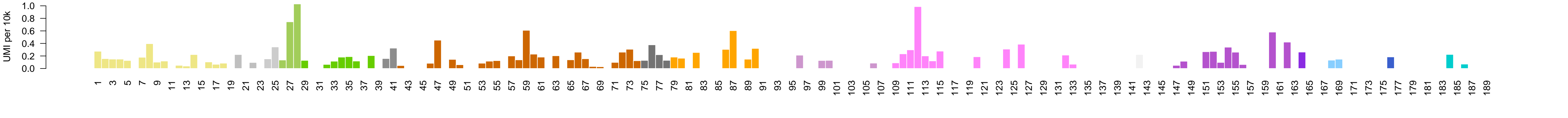


Pkinase.HG30.0:like:EPHA1/EPHA2/EPHA3/EPHA4/EPHA5/EPHA6/EPHA7/EPHA8/EPHA10/EPHB1/EPHB2/EPHB3/EPHB4/EPHB6

Tadh\_TriadG50842

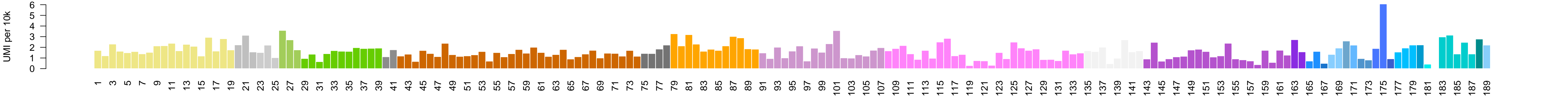


Pkinase.HG4.15:CDK2/CDK3  
Tadh\_TriadG50896





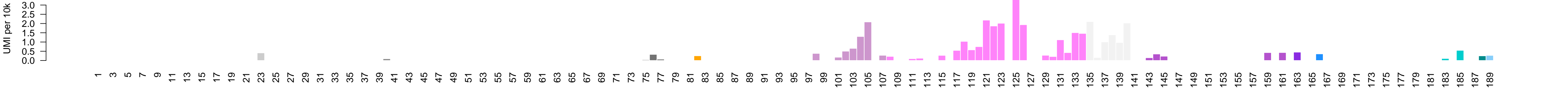
Pkinase.HG12.1:AKT1/AKT2/AKT3  
Tadh\_TriadG51134



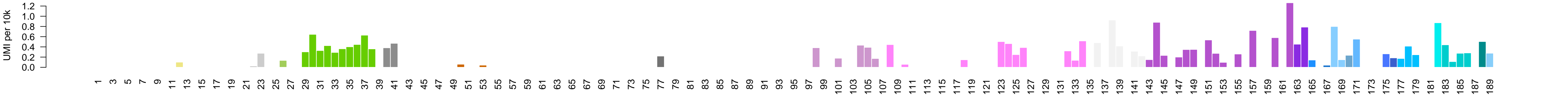
Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
Tadh\_TriadG51559



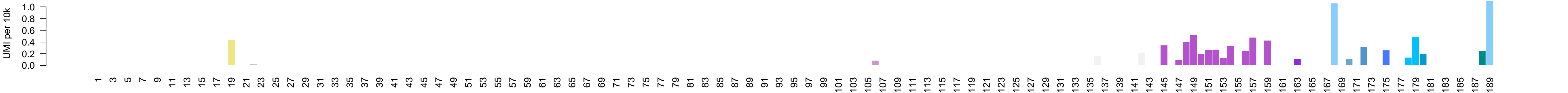
Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
Tadh\_TriadG51561



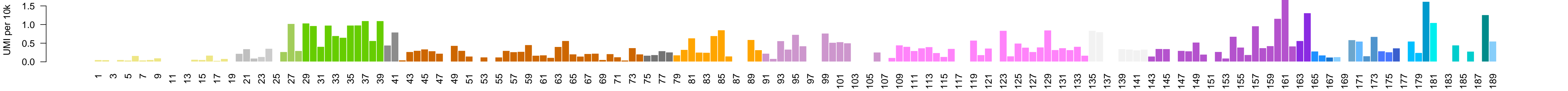
Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
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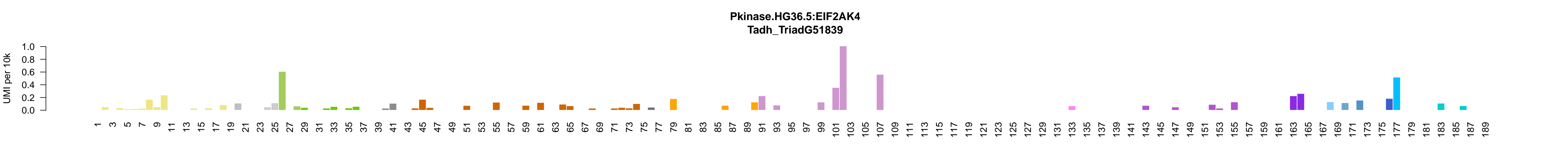


Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
Tadh\_TriadG51565

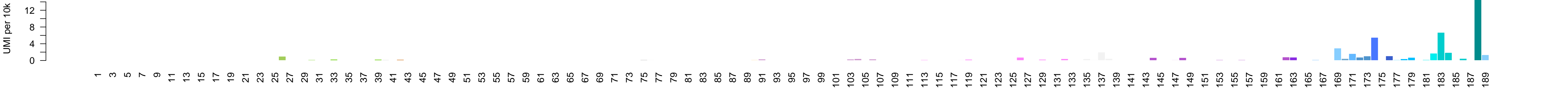


Pkinase.HG10.9:MAP4K1/MAP4K2/MAP4K3/MAP4K5  
Tadh\_TriadG51772



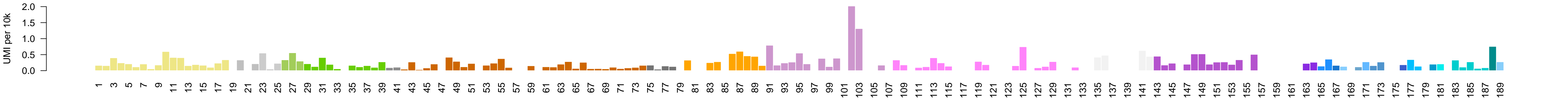


Pkinase.HG6.0:like:CHEK2/PRKD1/PRKD2/PRKD3/STK33  
Tadh\_TriadG5186

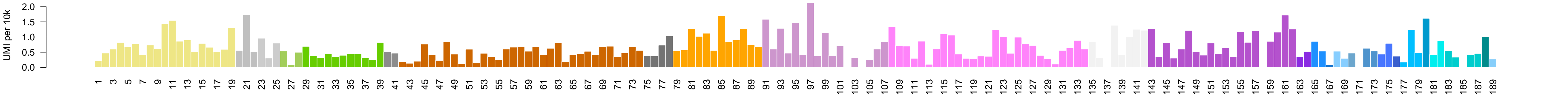




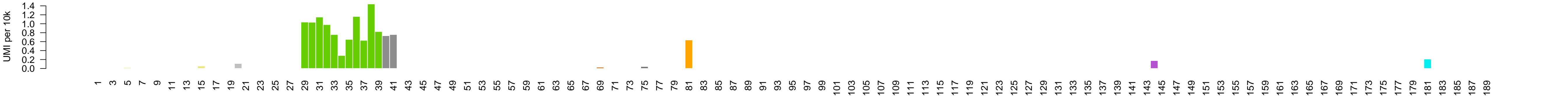
Pkinase.HG10.12:MAP4K4/MINK1/NRK/TNIK  
Tadh\_TriadG52207



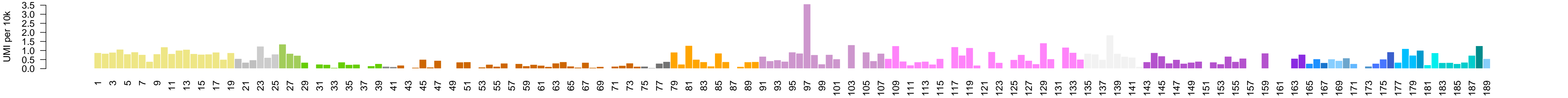
Pkinase.HG41.5:PAK1/PAK2/PAK3  
Tadh\_TriadG52215



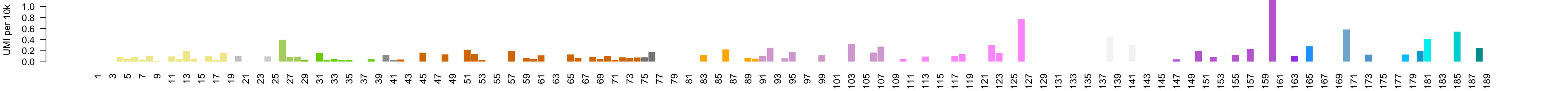
Pkinase.HG48.0:PEAK1/PRAG1  
Tadh\_TriadG52245



Pkinase.HG7.5:PDIK1L/STK35  
Tadh\_TriadG52425



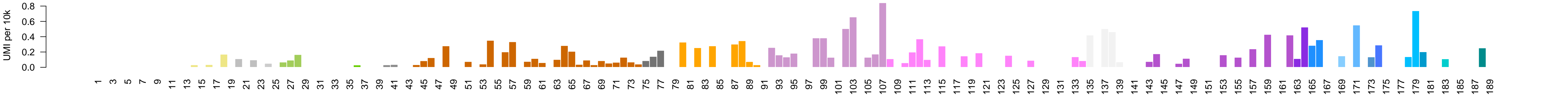
Pkinase.HG14.7:RPS6KC1/RPS6KL1  
Tadh\_TriadG52816



Pkinase.HG42.1:like:ARAF/BRAF/KSR1/KSR2/RAF1  
Tadh\_TriadG54111

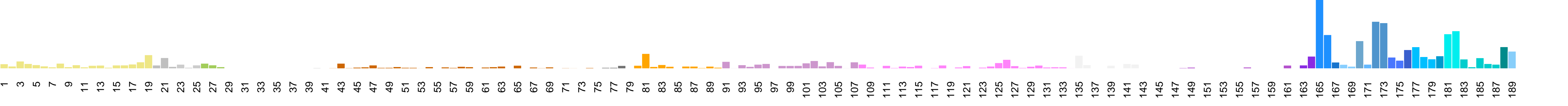
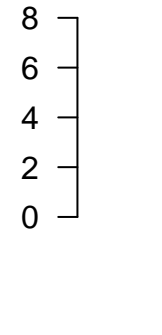


kinase.HG25.7:ULK4  
Tadh\_TriadG54294



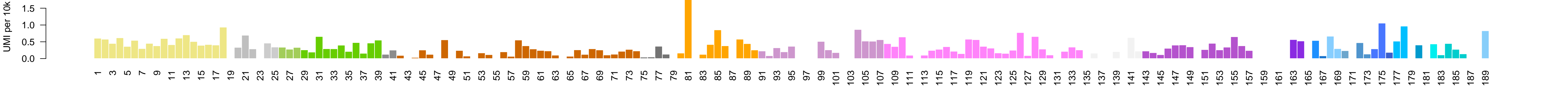
Pkinase.HG23.0:KALRN/TRIO  
Tadh\_TriadG54394

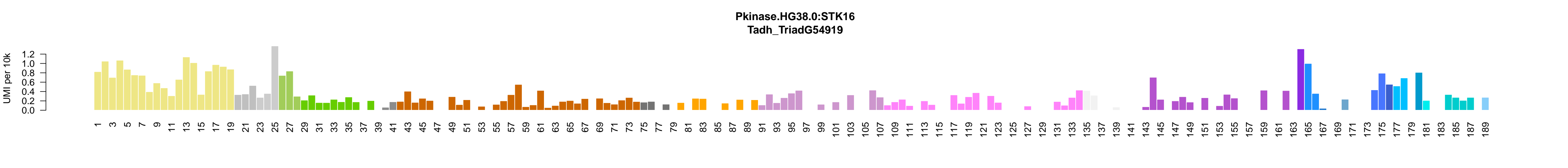
UMI per 10k



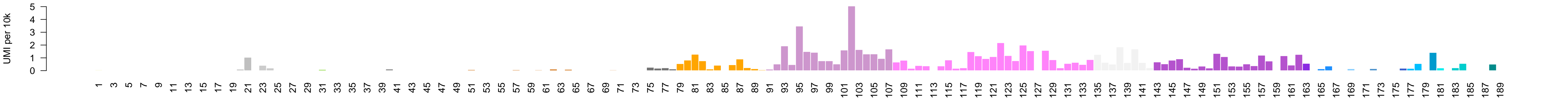


Pkinase.HG33.4:AC011005.1/MAP2K1/MAP2K2  
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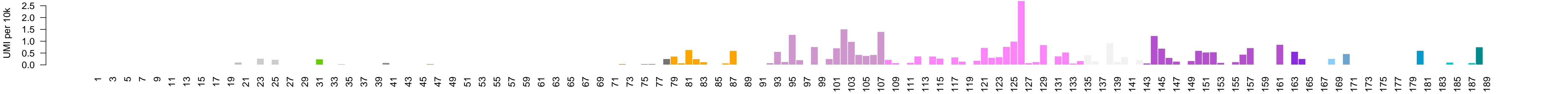




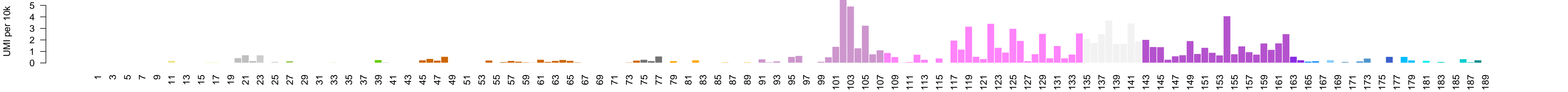
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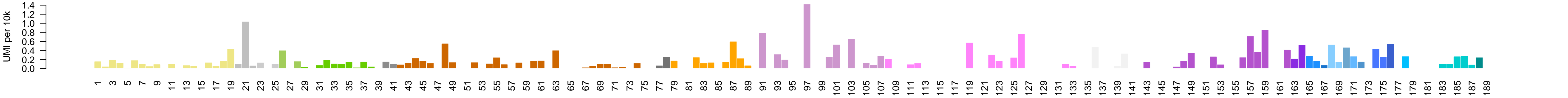
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Tadh\_TriadG54946



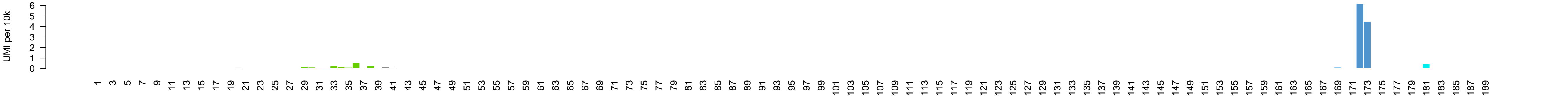
Pkinase.HG31.7:like:DSTYK  
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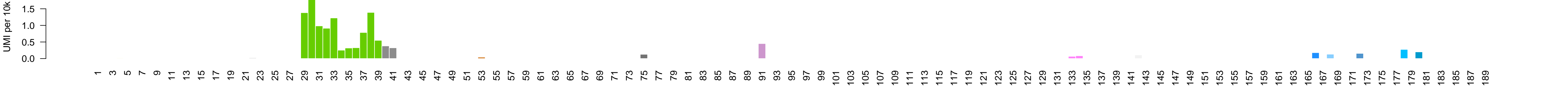
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Tadh\_TriadG54954



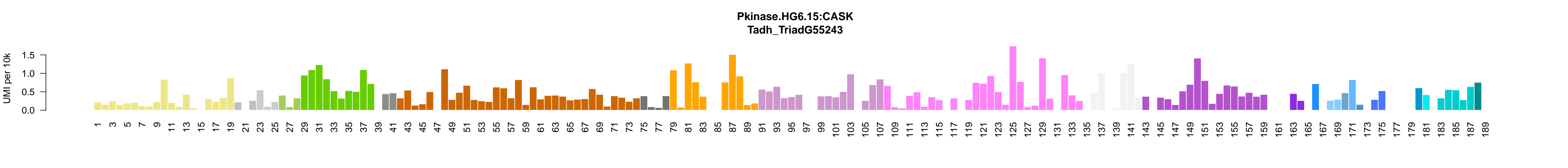
Pkinase.HG31.14:like:DSTYK  
Tadh\_TriadG55120



Pkinase.HG31.18:like:DSTYK  
Tadh\_TriadG55130

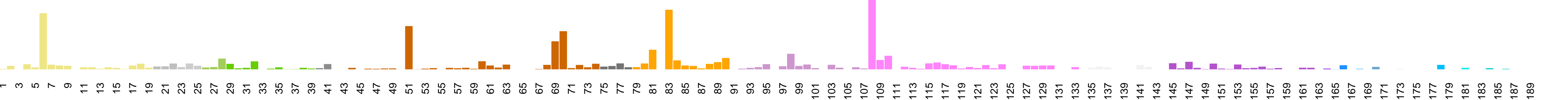




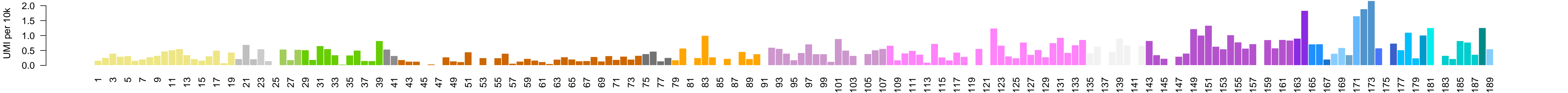


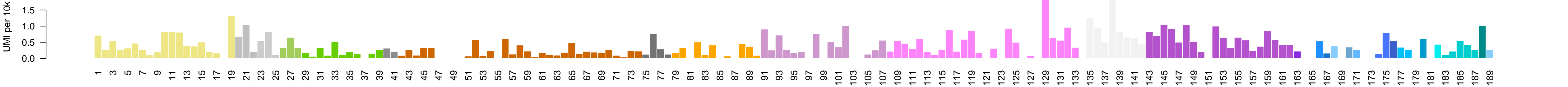
UMI per 10k

12  
10  
8  
6  
4  
2  
0

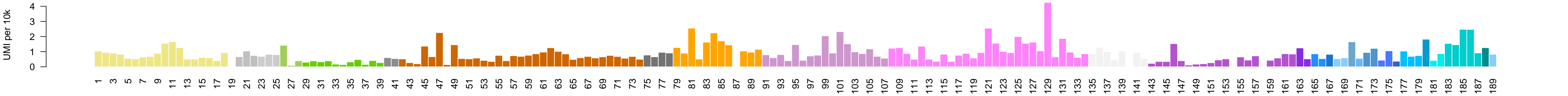


Pkinase.HG53.1:SRPK1/SRPK2/SRPK3  
Tadh\_TriadG55450

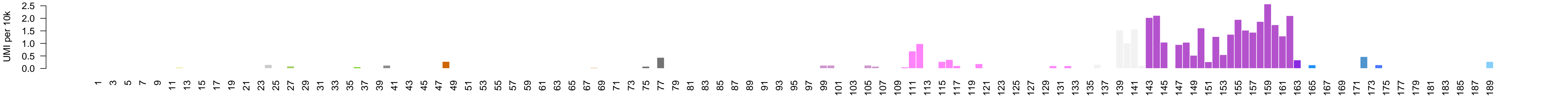




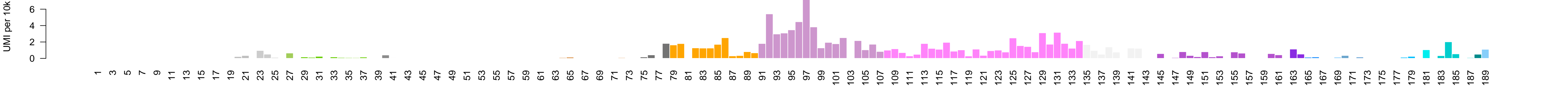
Pkinase.HG37.5:AC006486.1/GSK3A/GSK3B  
Tadh\_TriadG56049



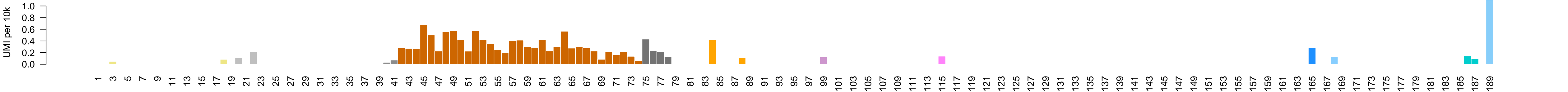
Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
Tadh\_TriadG56391



Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
Tadh\_TriadG56727

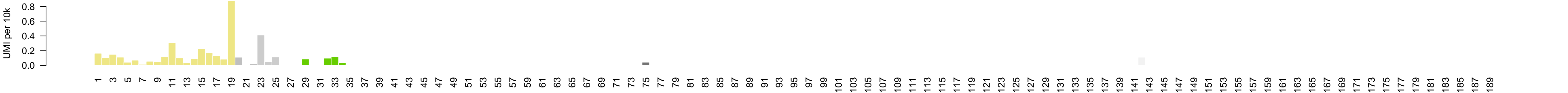


Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
Tadh\_TriadG56729

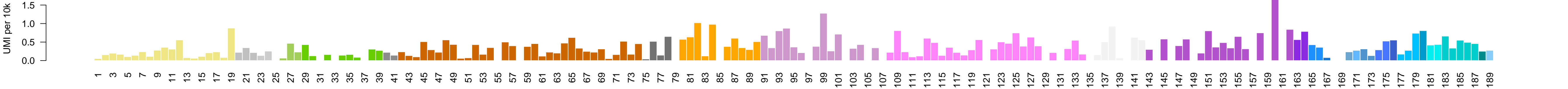




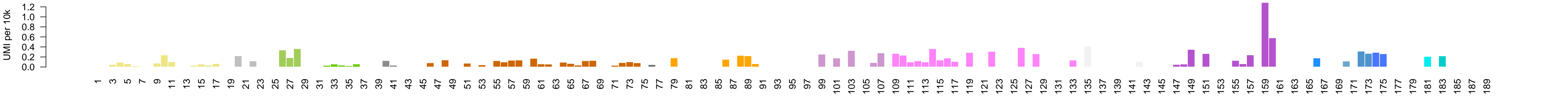
Pkinase.HG34.12:like:IRAK1/IRAK2/IRAK3/IRAK4  
Tadh\_TriadG56776



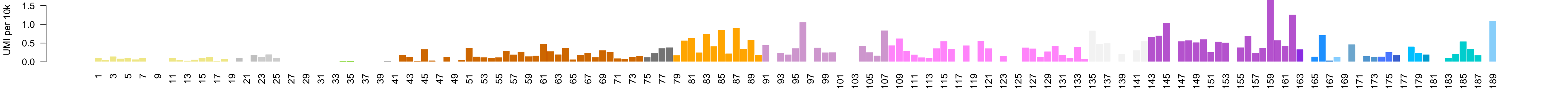
Pkinase.HG14.4:MAPKAPK2/MAPKAPK3  
Tadh\_TriadG56817

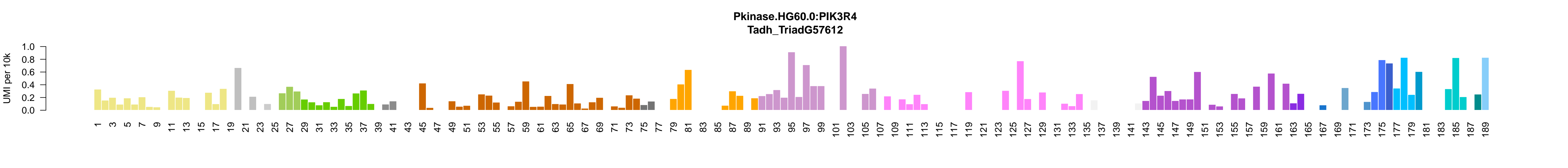


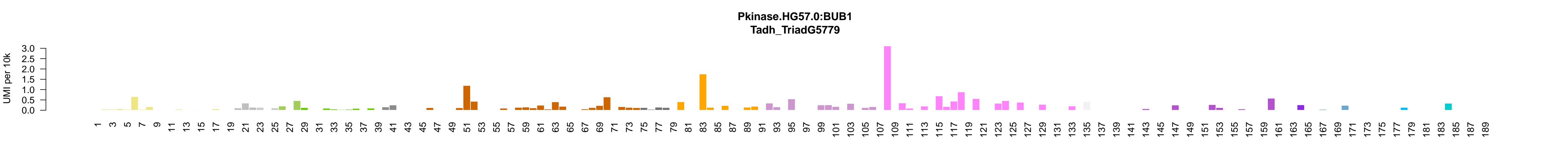
Pkinase.HG15.3:like:UHMK1  
Tadh\_TriadG57092

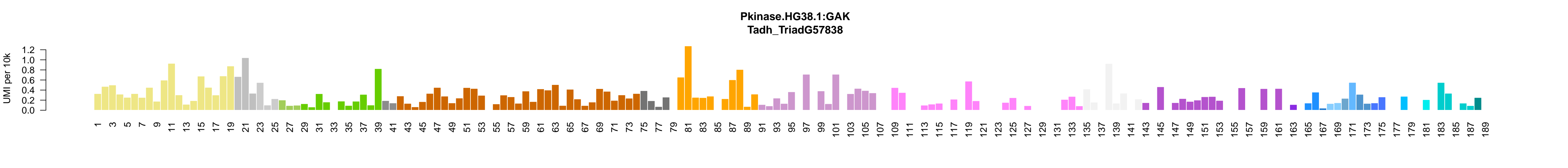


Pkinase.HG12.6:PRKCI/PRKCZ  
Tadh\_TriadG57608

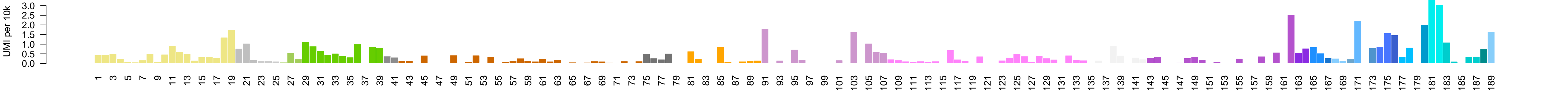






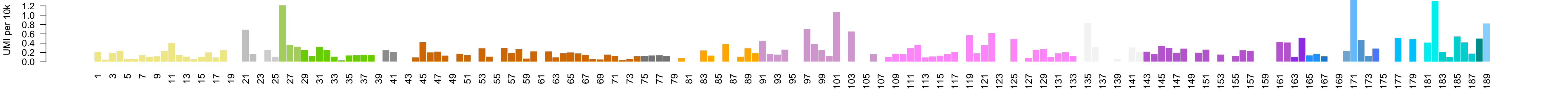


Pkinase.HG16.2:MAST1/MAST2/MAST3/MAST4  
Tadh\_TriadG57859

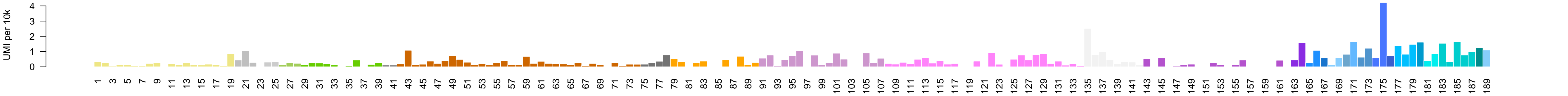




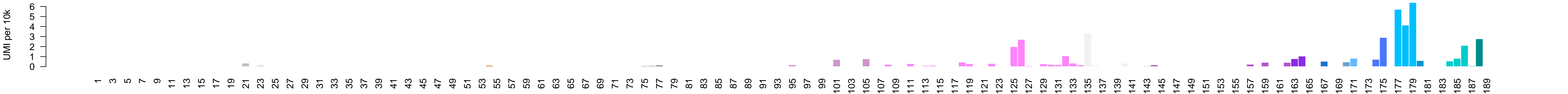
Pkinase.HG45.0:NRBP1/NRBP2  
Tadh\_TriadG57937



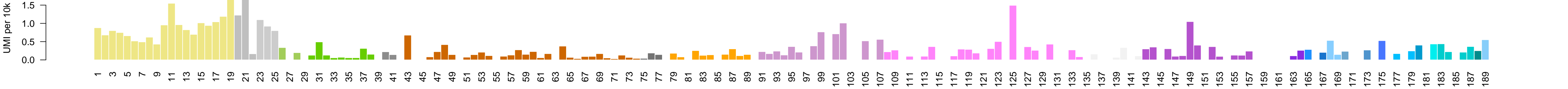
Pkinase.HG40.10:GRK2/GRK3;RGS.HG2.2:GRK2/GRK3  
Tadh\_TriadG59012



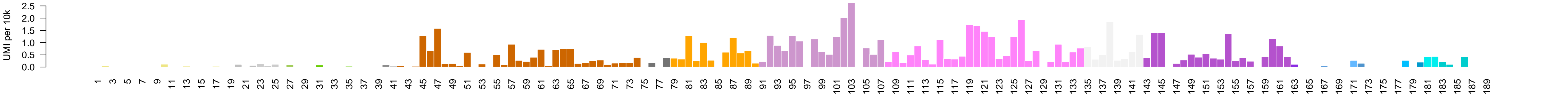
Pkinase.HG13.1:like:GUCY2C/GUCY2D/GUCY2F/NPR1/NPR2  
Tadh\_TriadG59364



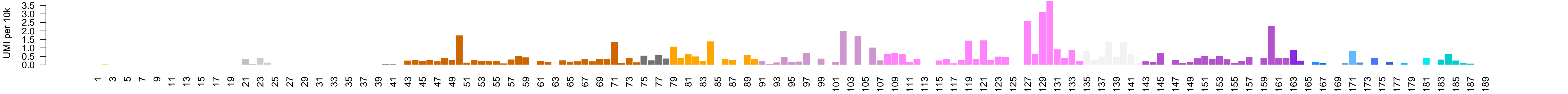
Pkinase.HG42.3:KSR1/KSR2  
Tadh\_TriadG59721



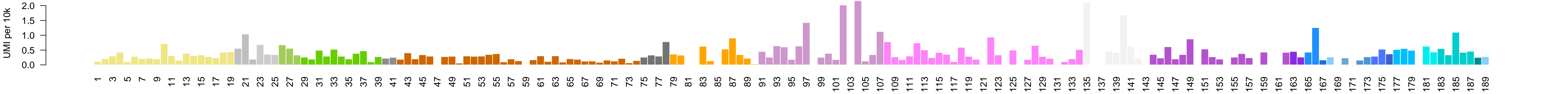
Pkinase.HG3.11:like:TEX14  
Tadh\_TriadG60255



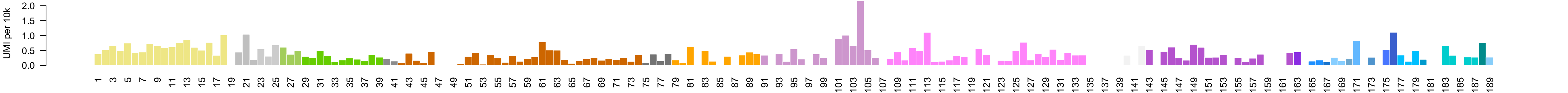
Pkinase.HG6.7:CAMK4  
Tadh\_TriadG60371



Pkinase.HG36.2:EIF2AK3  
Tadh\_TriadG60719

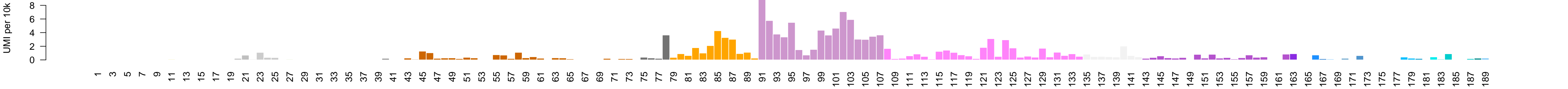


**Pkinase.HG14.12:RPS6KA1/RPS6KA2/RPS6KA3/RPS6KA6**  
**Tadh\_TriadG60987**



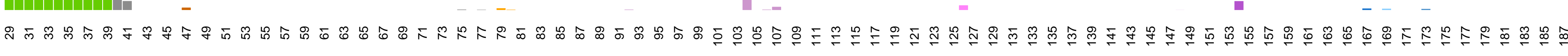
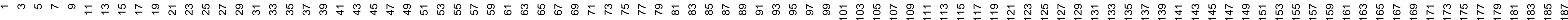
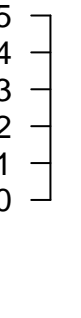


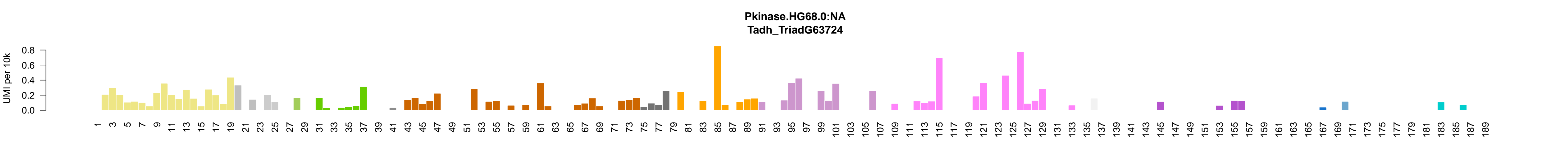
Pkinase.HG21.0:like:JAK1/JAK2/JAK3/TYK2  
Tadh\_TriadG61274



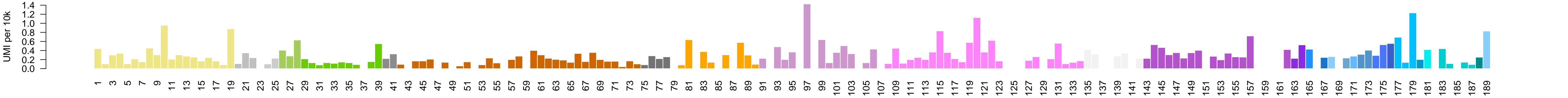
Pkinase.HG25.1:CHUK/IKBKB  
Tadh\_TriadG62259

UMI per 10k

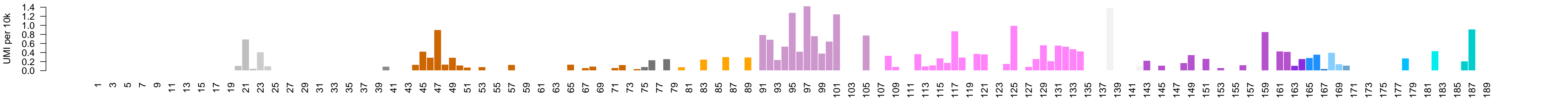


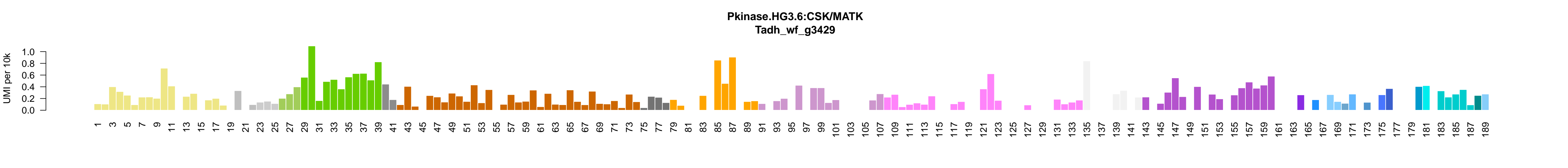


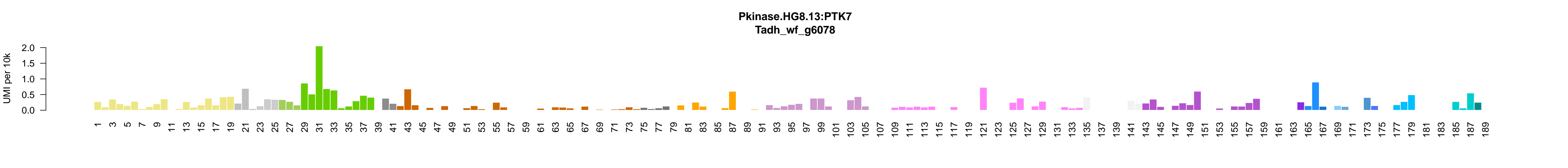
Pkinase.HG15.5:DYRK1A/DYRK1B  
Tadh\_TriadG64191



Pkinase.HG3.6:CSK/MATK  
Tadh\_TriadG8256

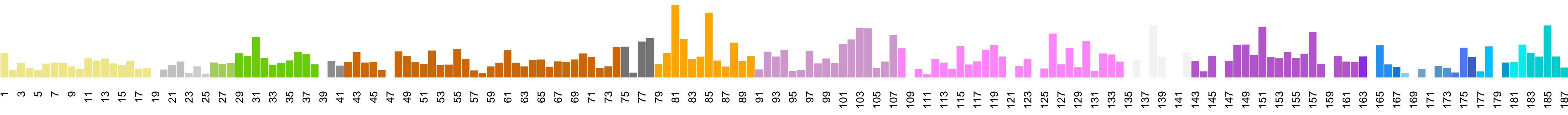
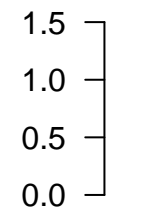






Pkinase.HG16.6:ROCK1/ROCK2  
Tadh\_wf\_g6774

UMI per 10k





Pkinase.HG3.21:PTK6/SRMS  
Tadh\_wf\_g6857

