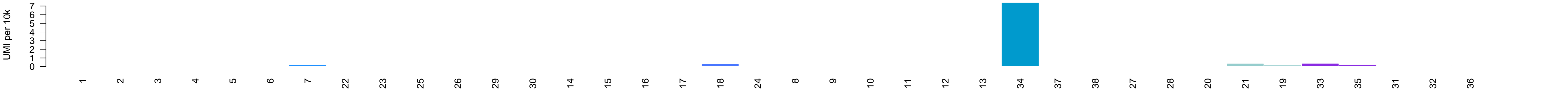
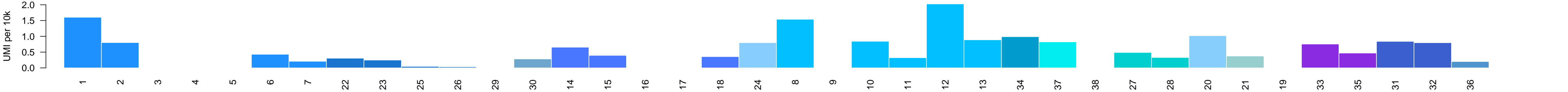


AP-2.HG1.2:TFAP2A/TFAP2B/TFAP2C/TFAP2D/TFAP2E

Hhon_g07610.t1



ARID_BRIGHT.HG1.7:JARID2
Hhon_g08230.t1

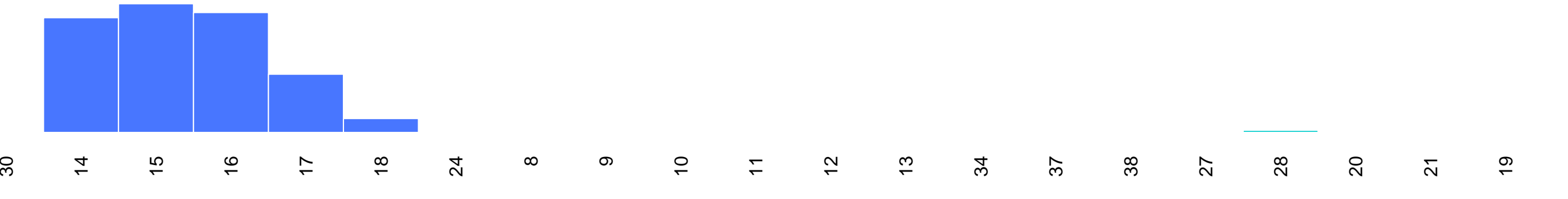


Brinker.HG1.3:like:POGK
Hhon_g01764.t1

UMI per 10k

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4
2
0

1 2 3 4 5 6 7 22 23 25 26 29 30 14 15 16 17 18 24 8 9 10 11 12 13 34 37 38 27 28 20 21 19 33 35 31 32 36

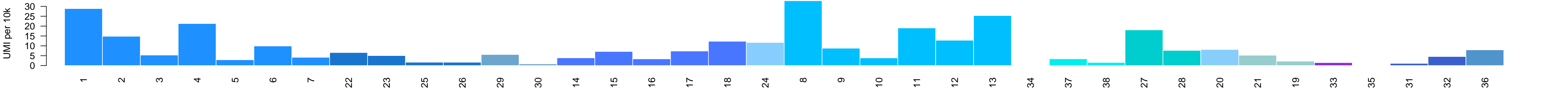


bZIP.HG1.1:like:BACH1/BACH2/MAF/MAFA/MAFB/MAFF/MAFG/MAFK/NFE2/NFE2L1/NFE2L2/NFE2L3/NRL

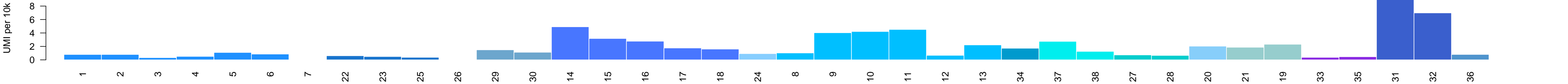
Hhon_g08089.t1



bZIP.HG1.12:FOS/FOSB/FOSL1/FOSL2
Hhon_g04000.t1

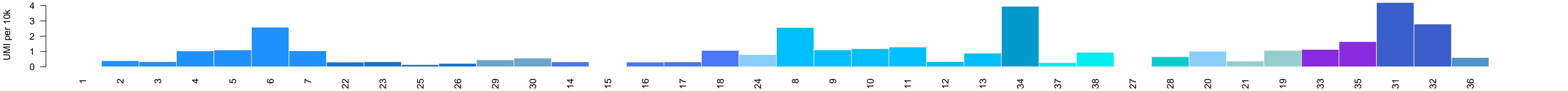


bZIP.HG1.3:MAF/MAFA/MAFB/MAFF/MAFG/MAFK/NRL
Hhon_g05306.t1

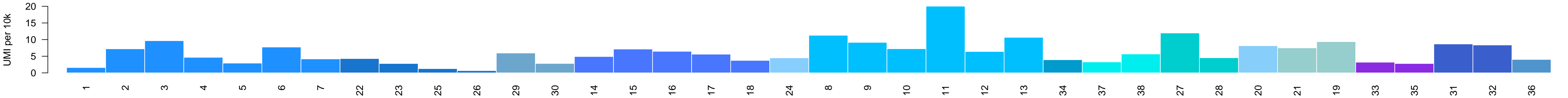


bZIP.HG1.3:MAF/MAFA/MAFB/MAFF/MAFG/MAFK/NRL

Hhon_g05307.t1



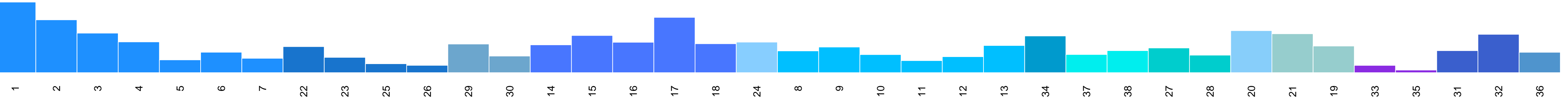
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Hhon_g09605.t1

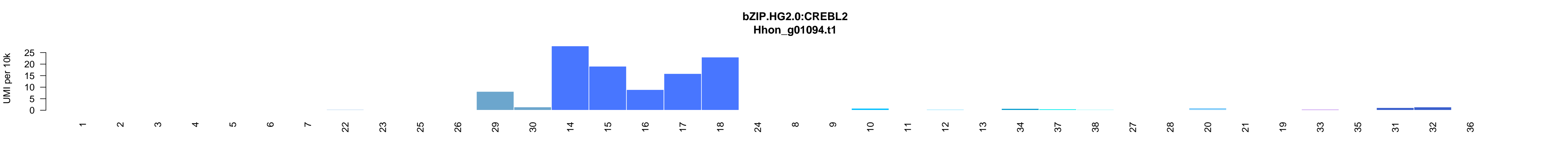


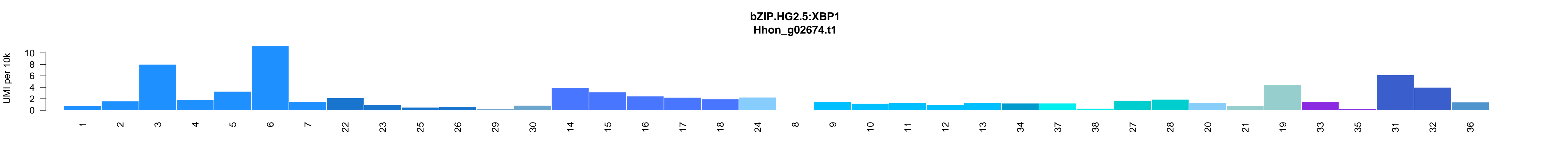
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Hhon_g00092.t1

UMI per 10k

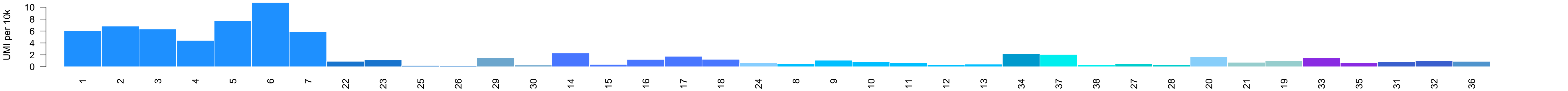
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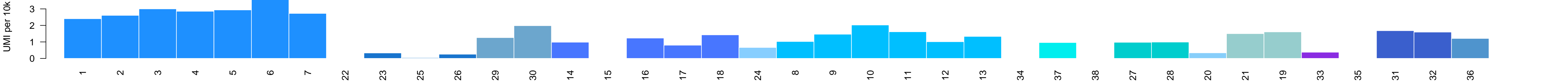




bZIP.HG2.9:CREB3L1/CREB3L2
Hhon_g04701.t1

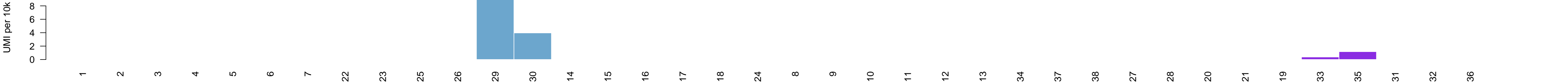


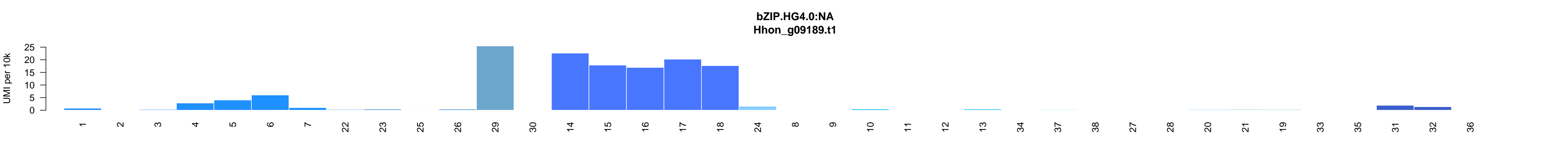
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Hhon_g03585.t1



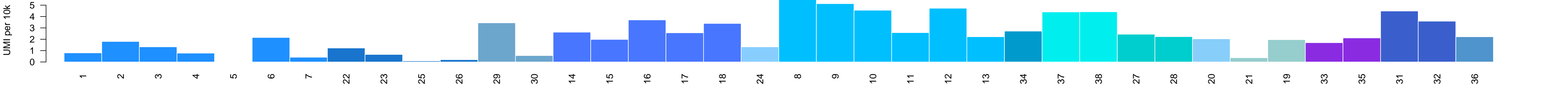


bZIP.HG3.5:DBP/HLF/TEF
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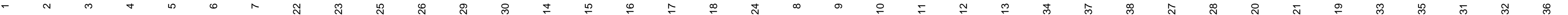
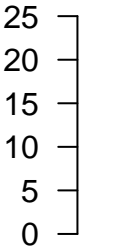


CSD.HG1.4:CARHSP1/CSDC2
Hhon_g05503.t1



Doublesex_DM.HG1.14:like:DMRTA1/DMRTA2
Hhon_g10837.t1

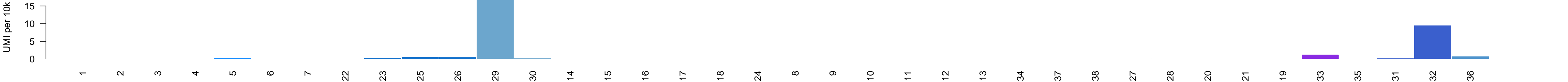
UMI per 10k

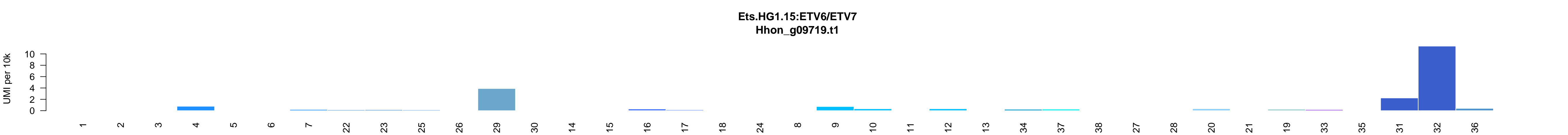


Doublesex_DM.HG1.15:like:DMRTA1/DMRTA2
Hhon_g10838.t1

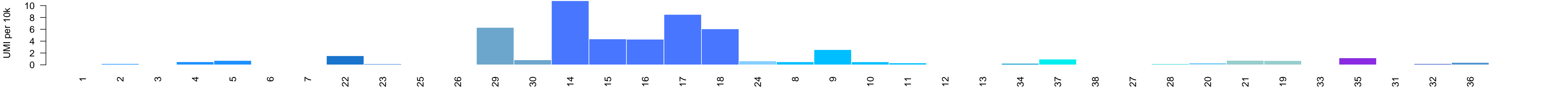


Ets.HG1.1:ETS1/ETS2/ETV2
Hhon_g07347.t1

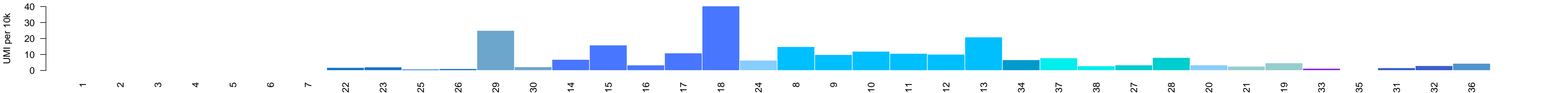


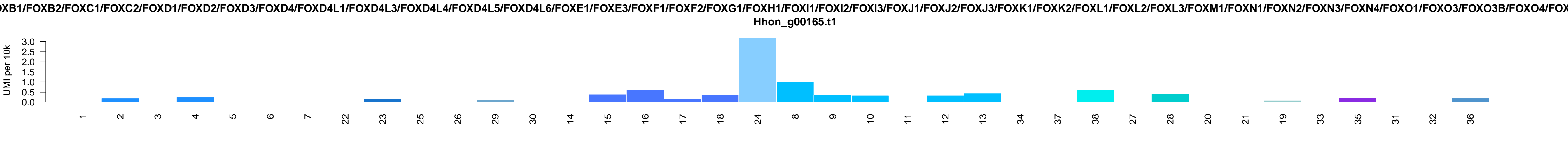


Ets.HG1.3:GABPA
Hhon_g07343.t1



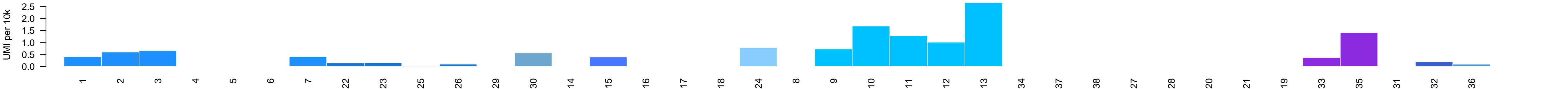
Ets.HG1.4:ERF/ERFL/ERG/ETV3/ETV3L/FEV/FLI1
Hhon_g07341.t1



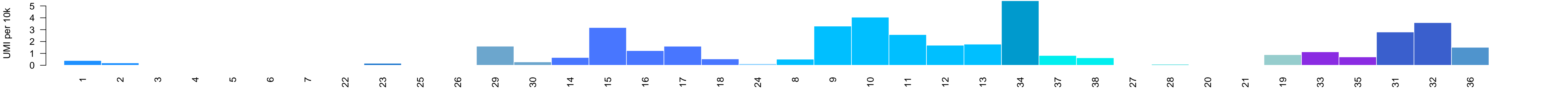


Forkhead.HG1.14:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/FOXD4/FOXD4L1/FOXD4L3/FOXD4L4/FOXD4L5/FOXD4L6/FOXE1/FOXE3

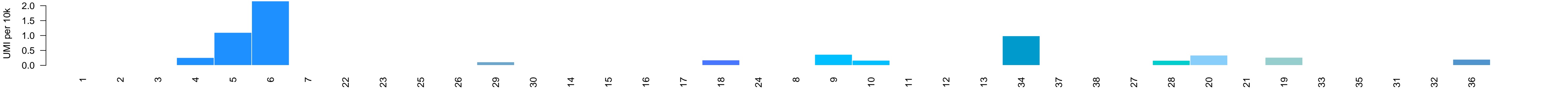
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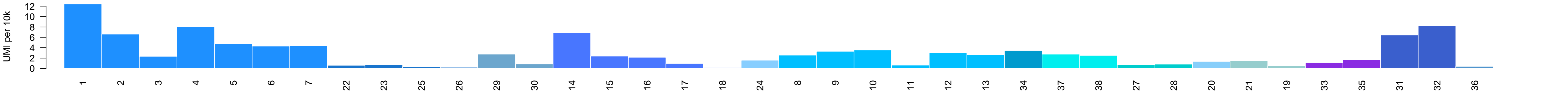
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Hhon_g07829.t1



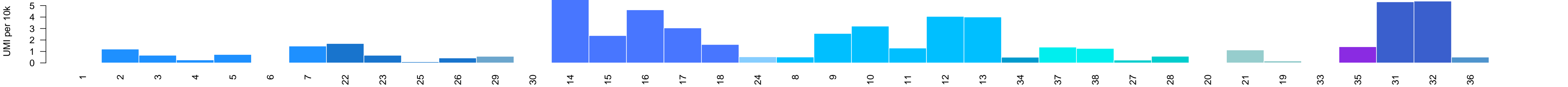
Forkhead.HG1.24:FOXN1/FOXN4/FOXR1/FOXR2
Hhon_g07678.t1



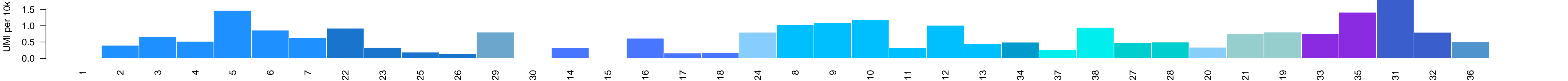
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Hhon_g07630.t1



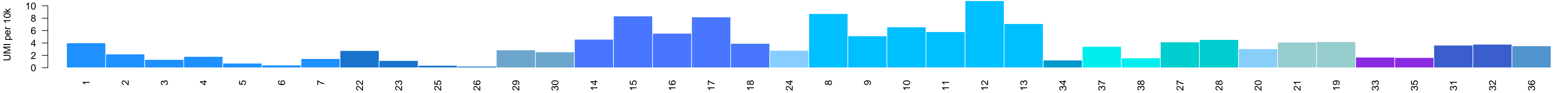
Forkhead.HG1.31:AC097634.4/FOXP1/FOXP2/FOXP3/FOXP4
Hhon_g02158.t1



Forkhead.HG1.33:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6
Hhon_g09111.t1



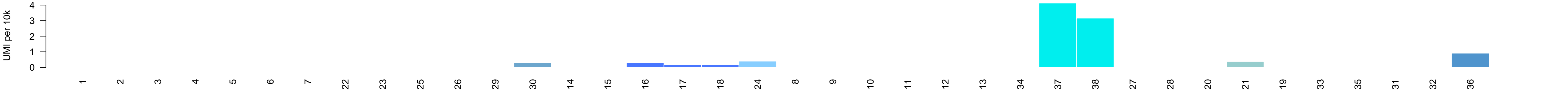
Forkhead.HG1.5:FOXJ1
Hhon_g03786.t1



Forkhead.HG1.8:FOXG1
Hhon_g00743.t1



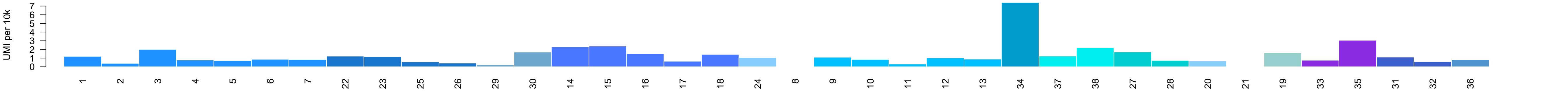
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Hhon_g03972.t1



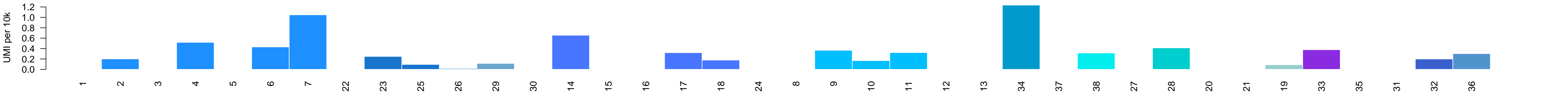
GATA.HG1.14:GATA4/GATA5/GATA6
Hhon_g06008.t1



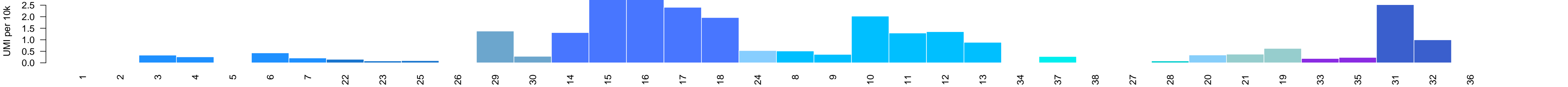
GATA.HG2.0:RERE
Hhon_g01820.t1



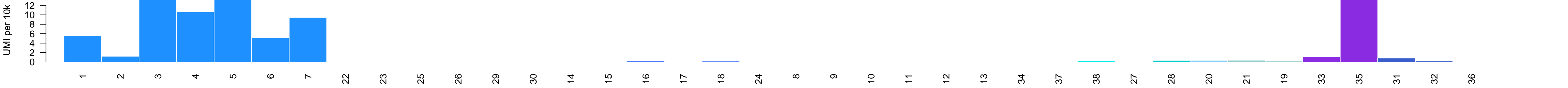
Grainyhead_LSF.HG1.1:GRHL1/GRHL2/GRHL3
Hhon_g02999.t1



HLH.HG1.0:ARNT/ARNT2/ARNTL/ARNTL2
Hhon_g05898.t1

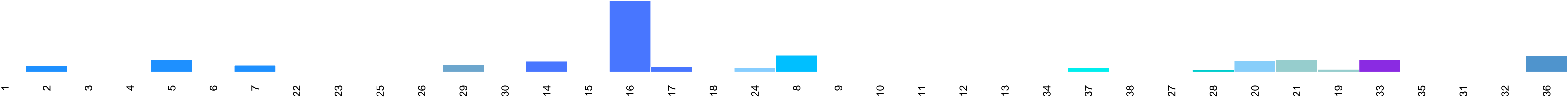
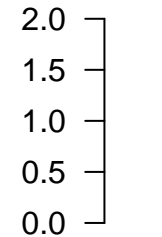


HLH.HG1.11:BHLHE40/BHLHE41/HELT
Hhon_g09260.t1

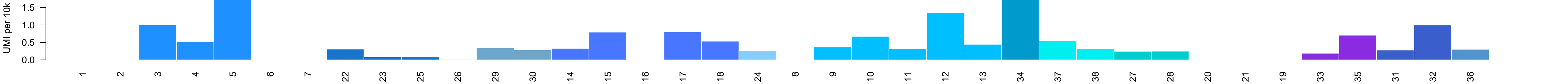


HLH.HG1.12:HEY1/HEY2/HEYL
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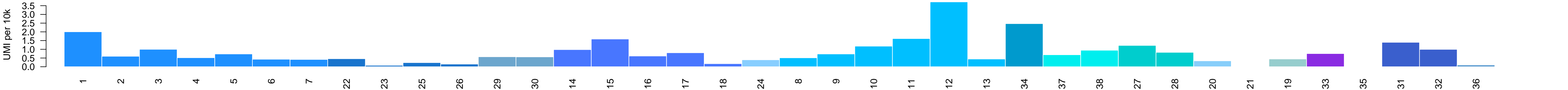
UMI per 10k



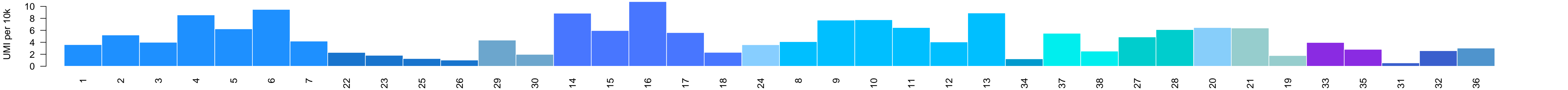
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Hhon_g04144.t1



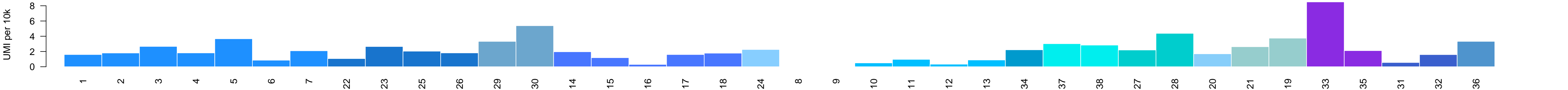
HLH.HG1.27:MLXIP/MLXIPL
Hhon_g02672.t1



HLH.HG1.36:MXD1/MXD3/MXD4/MXI1
Hhon_g10554.t1

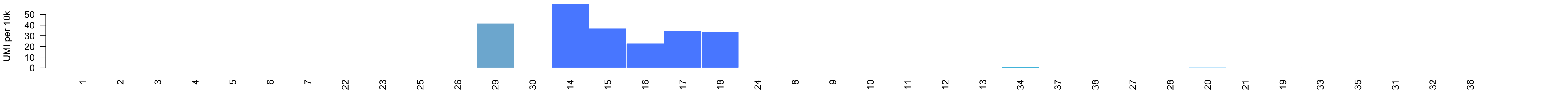


HLH.HG1.39:MYC/MYCL/MYCN
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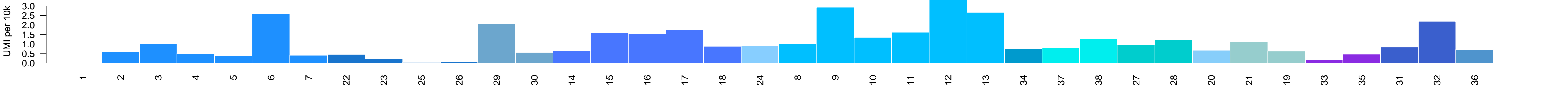


HLH.HG1.45:AC019117.3/AHR/AHRR

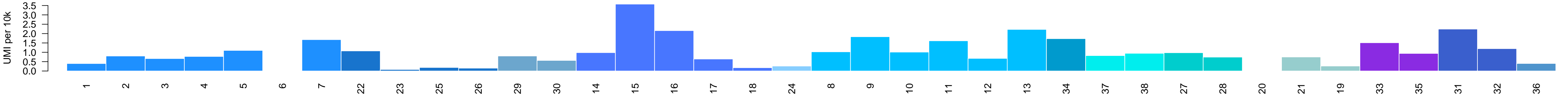
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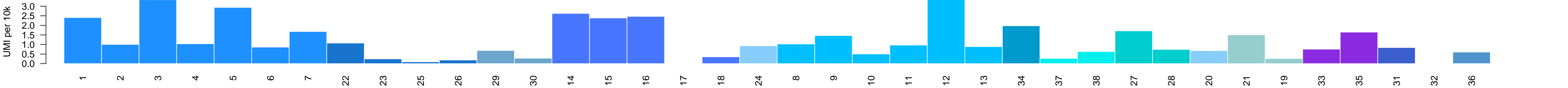
HLH.HG1.6:SREBF1/SREBF2
Hhon_g10817.t1



HLH.HG1.7:MITF/TFE3/TFEB/TFEC
Hhon_g09672.t1



HLH.HG2.20:TCF3/TCF4/TCF12
Hhon_g02873.t1



HLH.HG2.31:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5
Hhon_g00682.t1

UMI per 10k

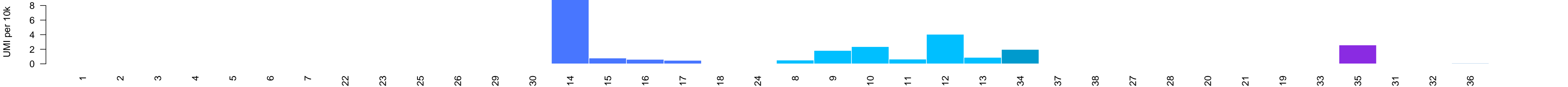
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2.5
2.0
1.5
1.0
0.5
0.0

1 2 3 4 5 6 7 22 23 25 26 29 30 14 15 16 17 18 24 8 9 10 11 12 13 34 37 38 27 28 20 21 19 33 35 31 32 36



Cell Type	UMI per 10k
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27	3.2
28	1.0
35	1.2

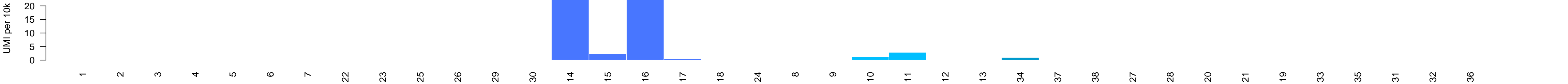
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HLH.HG2.33:PTF1A
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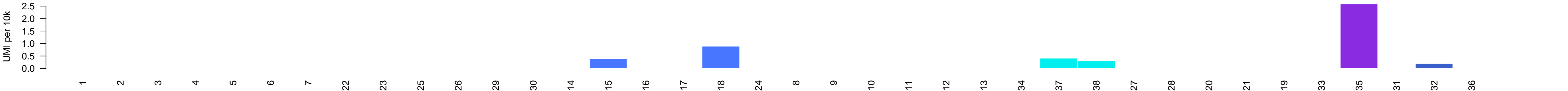


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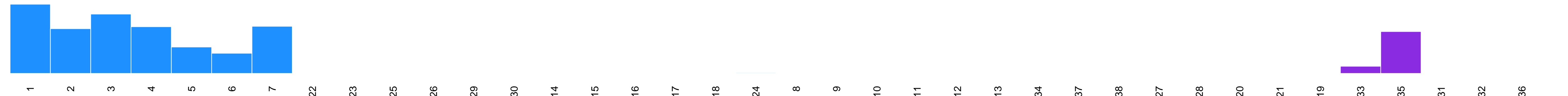
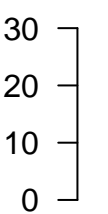
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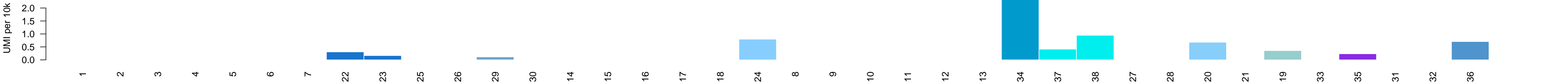
HLH.HG2.38:FERD3L
Hhon_g05650.t1

UMI per 10k



HLH.HG2.57:like:ATOH8/BHLHA9/NEUROD1/NEUROD2/NEUROD4/NEUROD6

Hhon_g04657.t1



HLH.HG2.57:like:ATOH8/BHLHA9/NEUROD1/NEUROD2/NEUROD4/NEUROD6

Hhon_g06954.t1

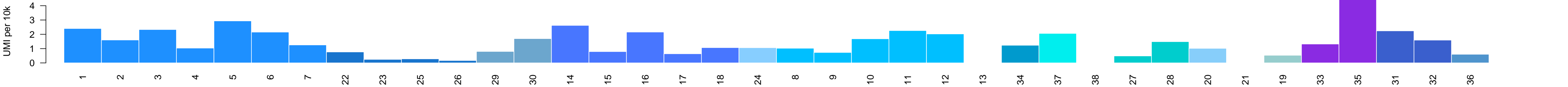
UMI per 10k

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2
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0

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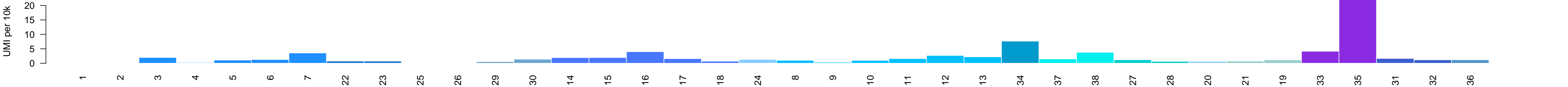


HMGbox_Sox.HG1.20:HBP1
Hhon_g09065.t1



HMGbox_Sox.HG1.23:AC105001.2/SOX4/SOX7/SOX8/SOX9/SOX10/SOX11/SOX12/SOX17/SOX18

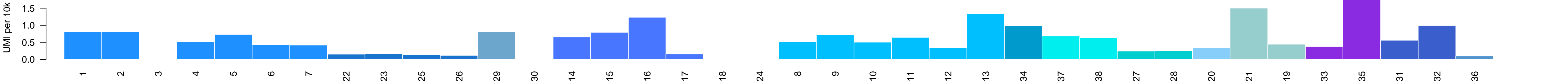
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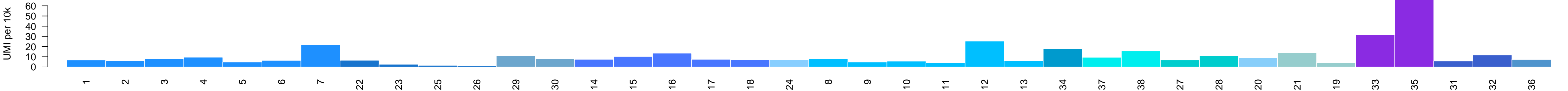
HMGbox_Sox.HG1.23:AC105001.2/SOX4/SOX7/SOX8/SOX9/SOX10/SOX11/SOX12/SOX17/SOX18
Hhon_g07787.t1



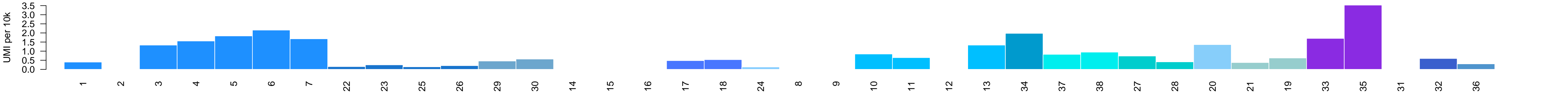
HMGbox_Sox.HG1.32:UBTF/UBTFL1
Hhon_g01076.t1



HMGbox_Sox.HG1.39:like:HMGB1/HMGB2/HMGB3/HMGB4
Hhon_g10217.t1



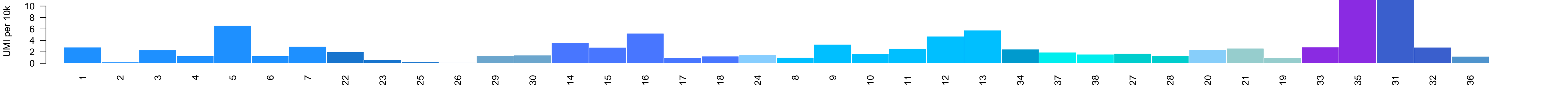
HMGbox_Sox.HG1.46:SOX14/SOX21
Hhon_g08561.t1



HMGbox_Sox.HG1.47:like:SOX1/SOX2/SOX3
Hhon_g08174.t1



HMGbox_Sox.HG1.48:SOX1/SOX2/SOX3
Hhon_g05242.t1



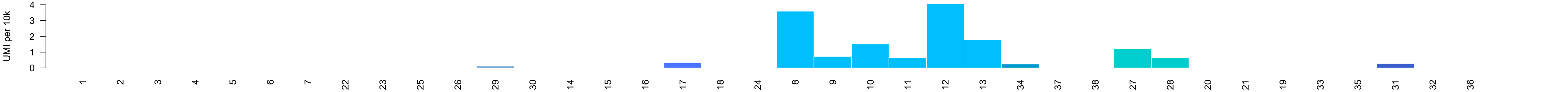
Homeodomains.HG1.27:DLX1/DLX2/DLX3/DLX4/DLX5/DLX6
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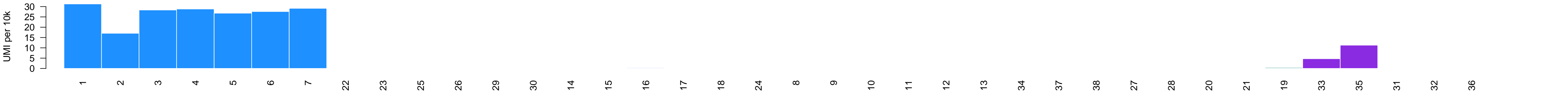
Homeodomains.HG1.34:HMX1/HMX2/HMX3
Hhon_g07172.t1



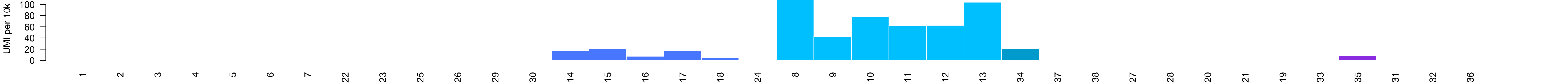
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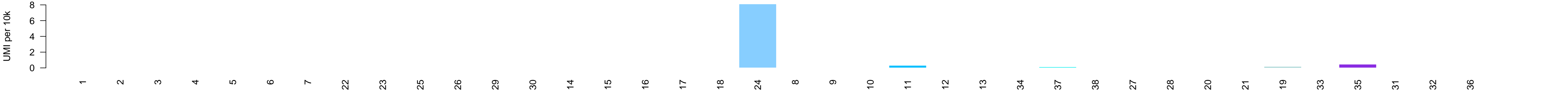
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Hhon_g08608.t1



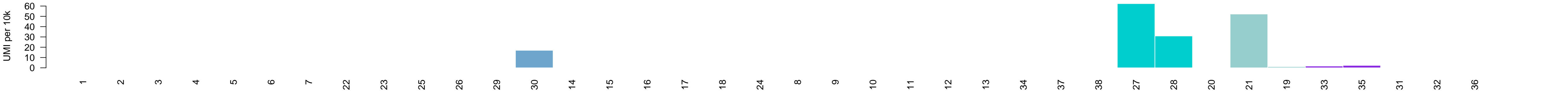
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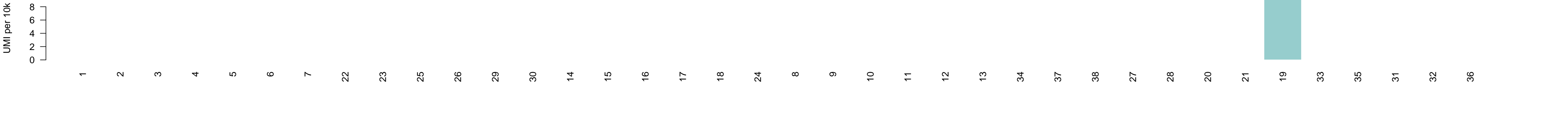
Homeodomains.HG1.59:like:GSX1/GSX2
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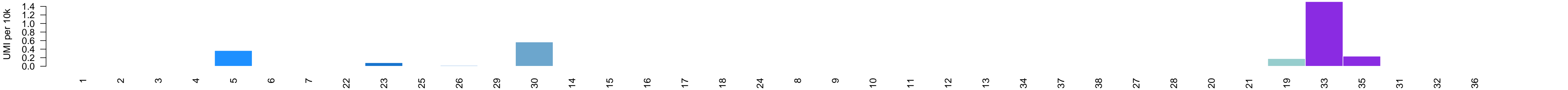
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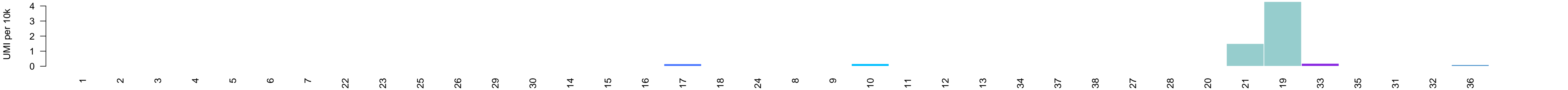
Homeodomains.HG2.25:like:SHOX/SHOX2
Hhon_g02618.t1



Homeodomains.HG2.26:GSC/GSC2
Hhon_g07297.t1



Homeodomains.HG2.31:like:AC025287.4/CPHXL/ESX1/ISX/NOBOX/PROP1/SEBOX/VSX1/VSX2
Hhon_g07457.t1

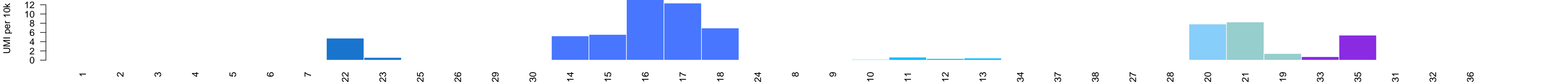


Homeodomains.HG2.34:OTP/PITX1/PITX2/PITX3/RAX/RAX2
Hhon_g03911.t1

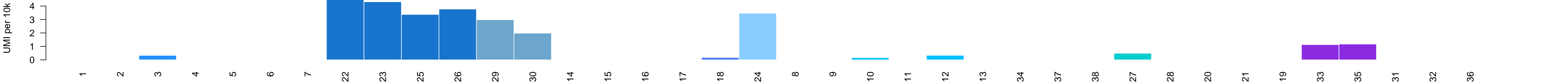


Homeodomains.HG2.34:OTP/PITX1/PITX2/PITX3/RAX/RAX2

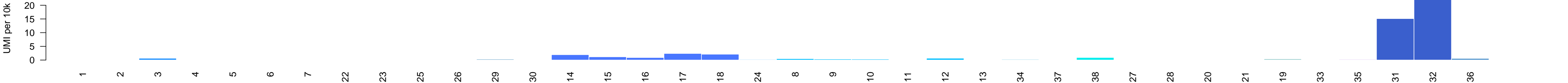
Hhon_g09022.t1

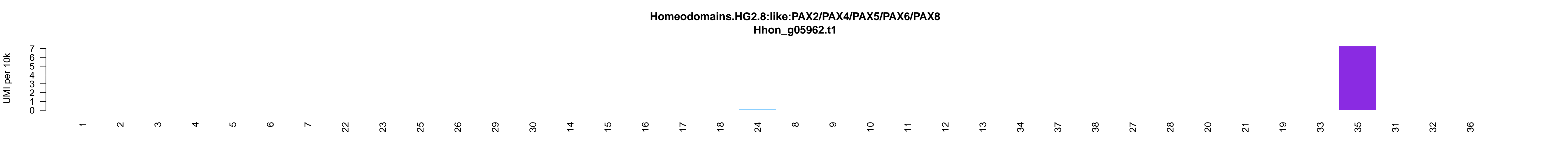


Homeodomains.HG2.62:like:ARX
Hhon_g05249.t1

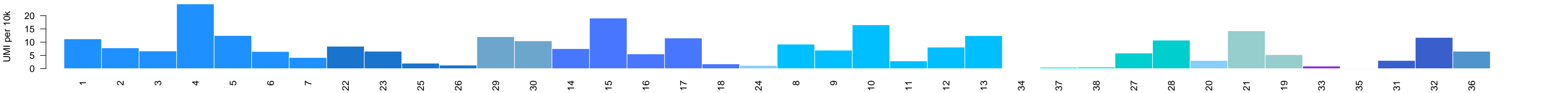


Homeodomains.HG2.63:ARX
Hhon_g05245.t1

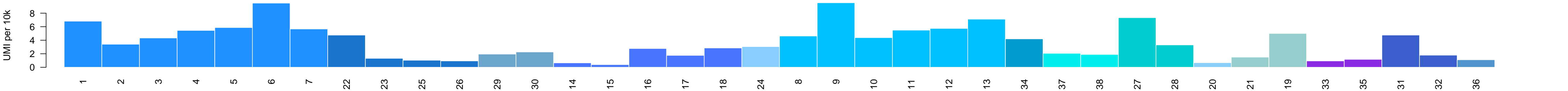




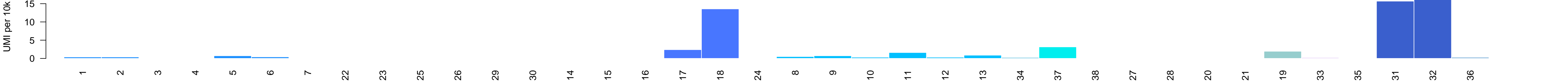
Homeodomains.HG2.9:PAX2/PAX4/PAX5/PAX6/PAX8
Hhon_g09266.t1



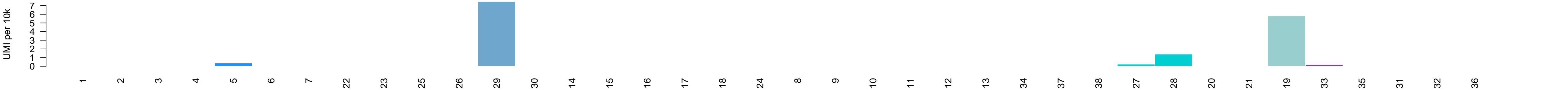
Homeodomains.HG4.1:IRX1/IRX2/IRX3/IRX4/IRX5/IRX6/MKX
Hhon_g00976.t1



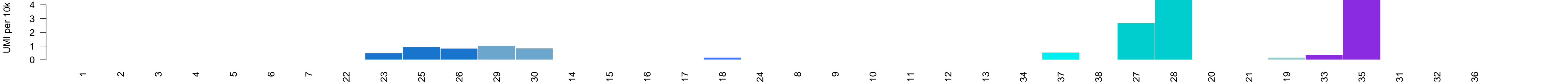
Homeodomains.HG4.19:like:MEIS1/MEIS2/MEIS3
Hhon_g10567.t1



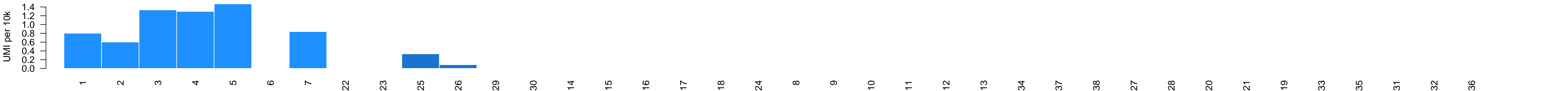
Homeodomains.HG5.5:like:SIX1/SIX2/SIX3/SIX4/SIX5/SIX6
Hhon_g11175.t1



Homeodomains.HG6.7:POU4F1/POU4F2/POU4F3
Hhon_g04298.t1

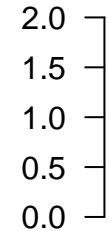


Homeodomains.Unclassified
Hhon_g03907.t1



Homeodomains.Unclassified
Hhon_g05322.t1

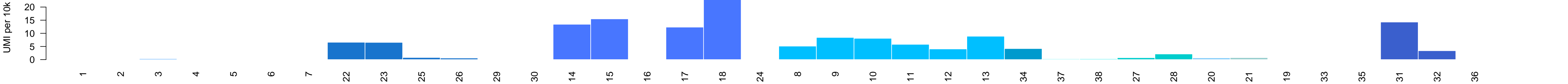
UMI per 10k



1 2 3 4 5 6 7 22 23 25 26 29 30 14 15 16 17 18 24 8 9 10 11 12 13 34 37 38 27 28 20 21 19 33 35 31 32 36

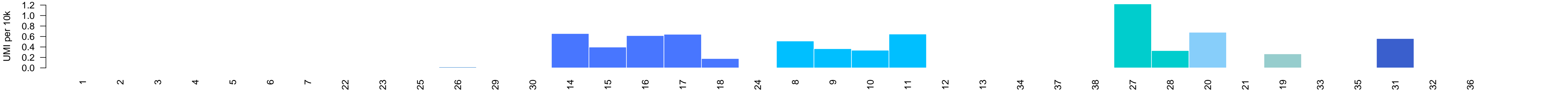


Homeodomains.Unclassified
Hhon_g09380.t1

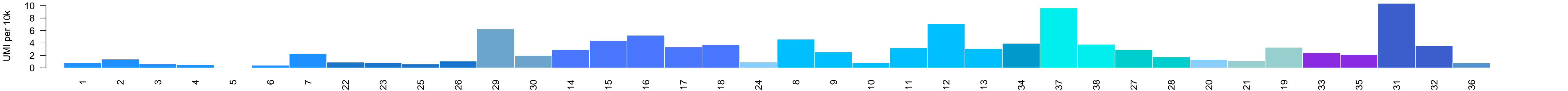


IRF.HG1.5:like:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9

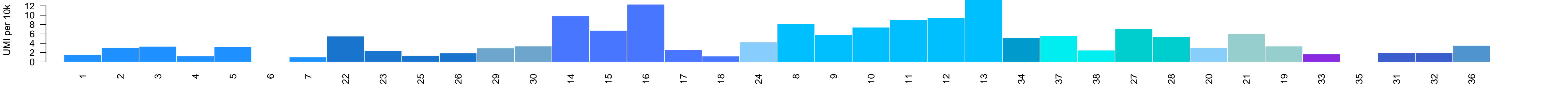
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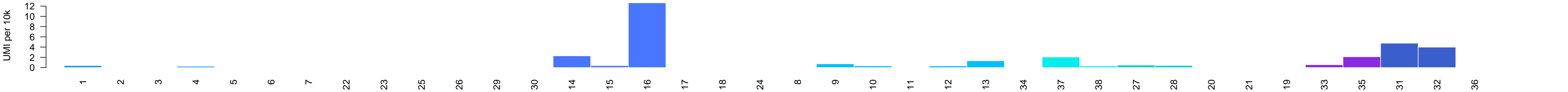
IRF.HG1.7:IRF1/IRF2
Hhon_g01017.t1



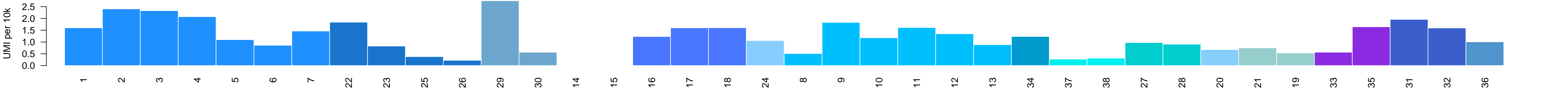
IRF.HG1.7:IRF1/IRF2
Hhon_g04527.t1



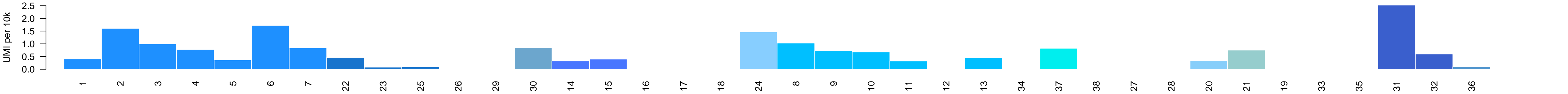
LAG1_CSL.HG1.0:RBPJ/RBPJL
Hhon_g05183.t1



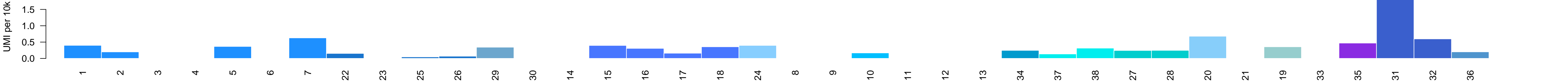
MADS-box_SRF.HG1.1:BORCS8-MEF2B/MEF2A/MEF2B/MEF2C/MEF2D
Hhon_g11366.t1



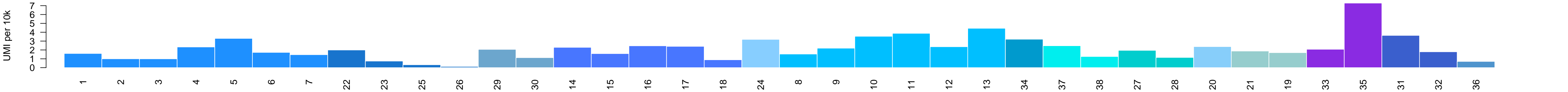
MADS-box_SRF.HG1.2:SRF
Hhon_g05787.t1

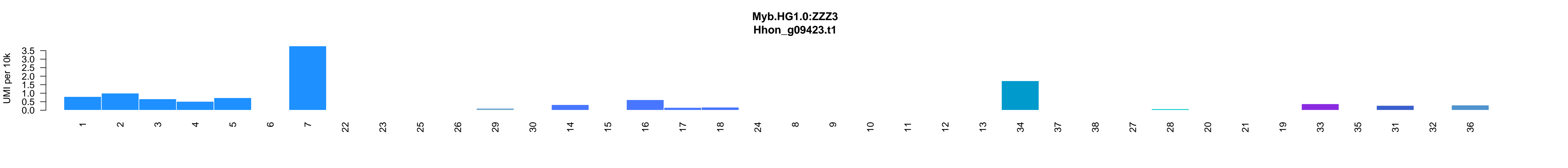


MBD.HG1.3:SETDB1/SETDB2
Hhon_g05556.t1

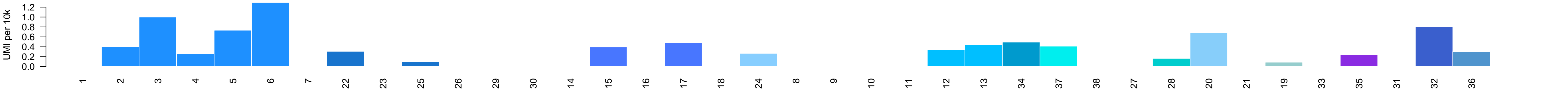


MBD.HG1.5:BAZ2A/BAZ2B
Hhon_g04767.t1

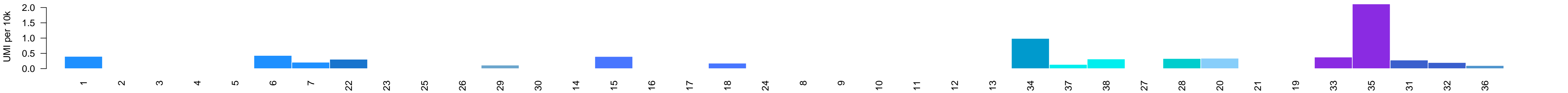




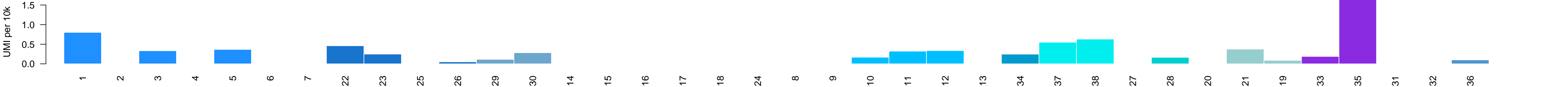
Myb.HG1.14:DMTF1/TTF1
Hhon_g01256.t1

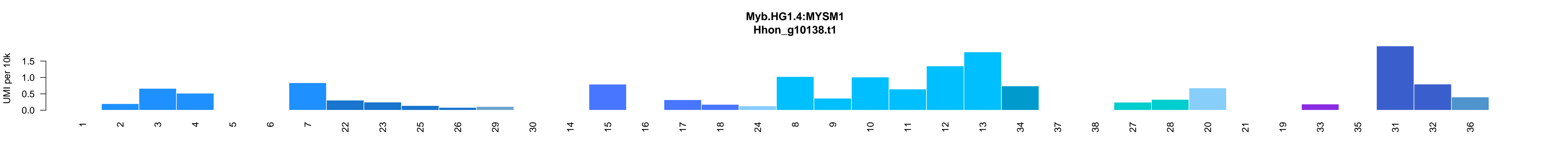


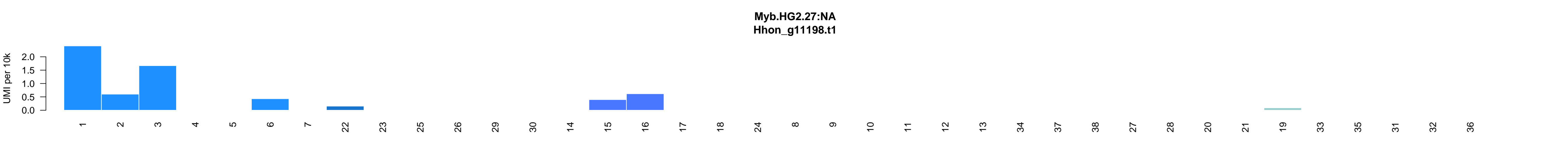
Myb.HG1.16:RCOR1/RCOR2/RCOR3
Hhon_g01966.t1



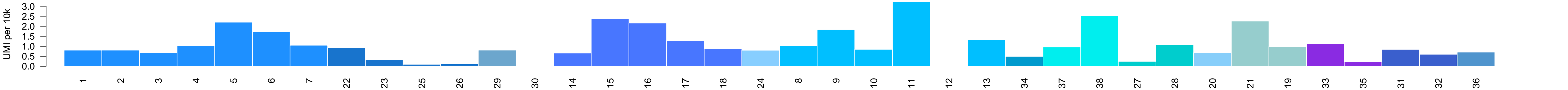
Myb.HG1.3:SMARCC1/SMARCC2
Hhon_g07010.t1



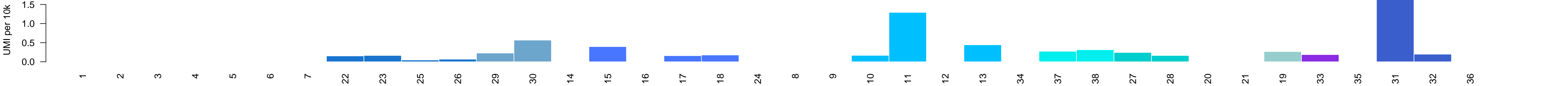




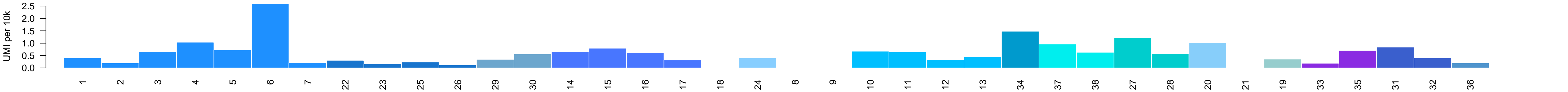
Ndt80_PhoG.HG1.0:MYRF/MYRFL
Hhon_g05724.t1



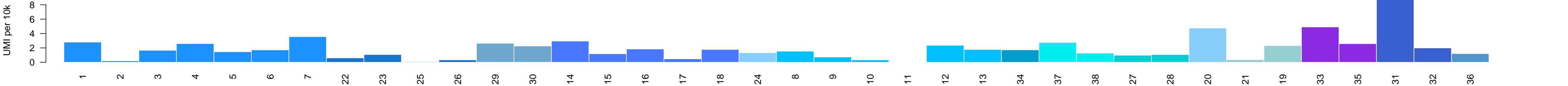
NFX1_ZF.HG1.1:NFX1
Hhon_g06302.t1



NFYA.HG1.2:like:NFYA
Hhon_g04409.t1



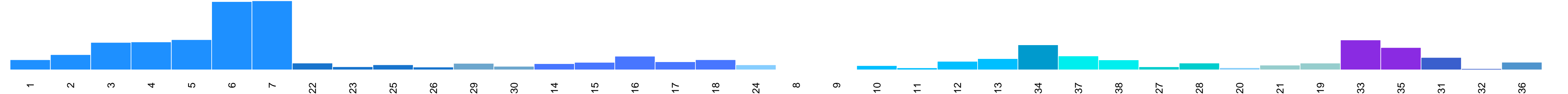
NFYB_NFYC.HG1.1:CU639417.1/H2BC1/H2BC3/H2BC4/H2BC5/H2BC6/H2BC7/H2BC8/H2BC9/H2BC10/H2BC11/H2BC12/H2BC13/H2BC14/H2BC15/H2BC17/H2BC18/H2BC21/H2BE1/H2BS1/H2BU1/H2BW2
Hhon_g00184.t1



NFYB_NFYC.HG2.3:H2AC1/H2AC4/H2AC6/H2AC7/H2AC8/H2AC11/H2AC12/H2AC13/H2AC14/H2AC15/H2AC16/H2AC17/H2AC18/H2AC19/H2AC20/H2AC21/H2AJ/H2AW/H2AX
Hhon_g04967.t1

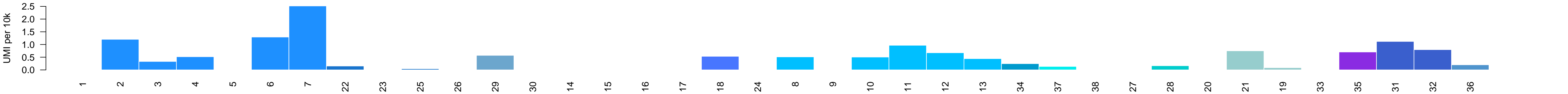
UMI per 10k

10
8
6
4
2
0

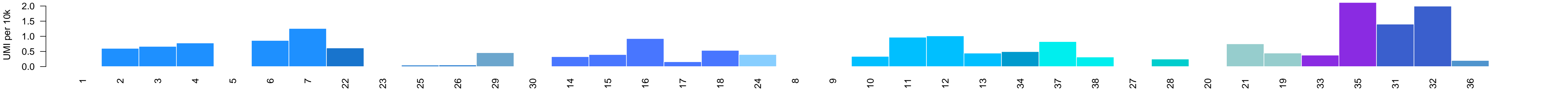


NFYB_NFYC.HG3.2:DRAP1

Hhon_g07246.t1



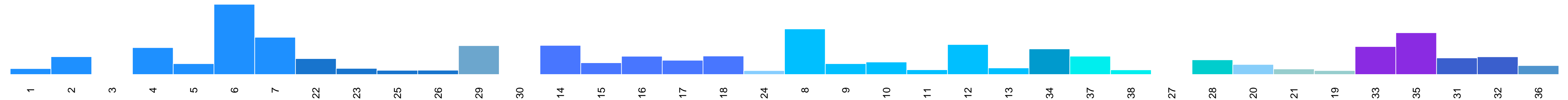
NFYB_NFYC.HG3.7:CHRA1
Hhon_g07697.t1



NFYB_NFYC.HG4.1:like:DR1/NFYB/POLE3
Hhon_g02746.t1

UMI per 10k

4
3
2
1
0

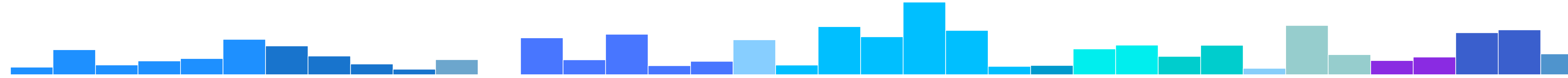


NFYB_NFYC.HG4.5:NFYB
Hhon_g07946.t1

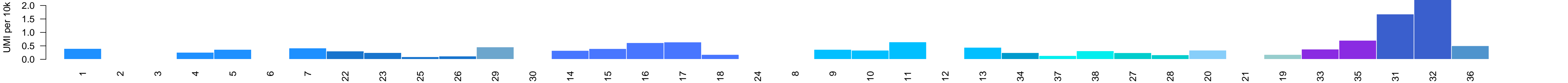
UMI per 10k

3
2
1
0

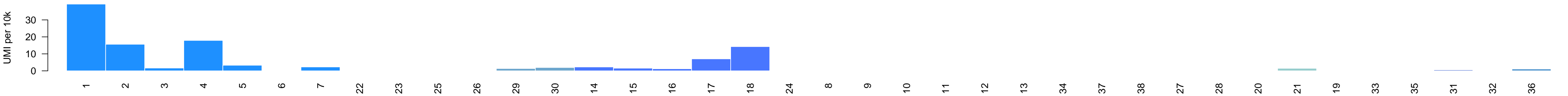
1 2 3 4 5 6 7 22 23 25 26 29 30 14 15 16 17 18 24 8 9 10 11 12 13 34 37 38 27 28 20 21 19 33 35 31 32 36



P53.HG1.3:TP53/TP63/TP73
Hhon_g06904.t1



RFX.HG1.7:RFX4/RFX6
Hhon_g05189.t1



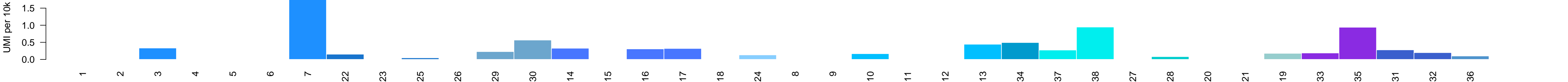
Runt_Runx.HG1.0:RUNX1/RUNX2/RUNX3
Hhon_g05881.t1



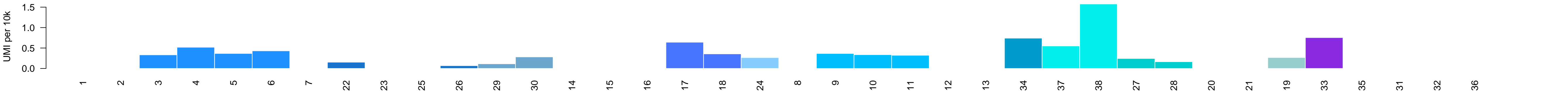
SAND.HG1.10:DEAF1
Hhon_g02354.t1



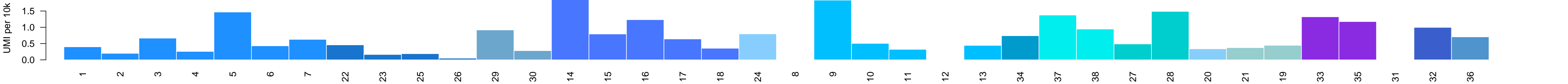
SAND.HG1.12:like:AIRE/DEAF1/GMEB1/GMEB2/SP100/SP110/SP140/SP140L
Hhon_g01781.t1



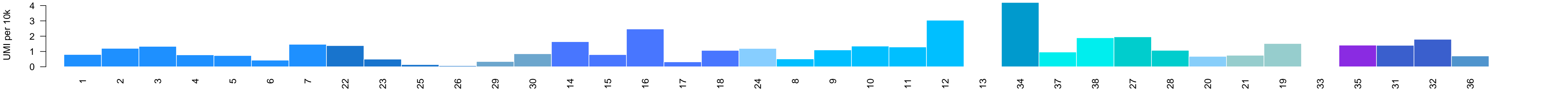
SMAD_MH1.HG1.14:SMAD4
Hhon_g08109.t1



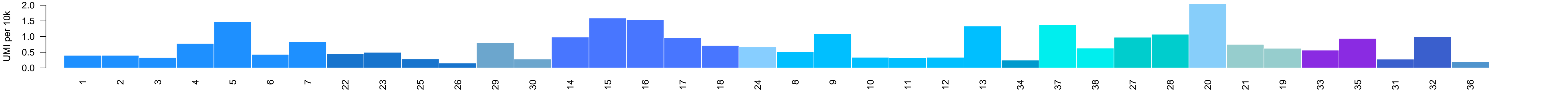
SMAD_MH1.HG1.6:like:SMAD1/SMAD2/SMAD3/SMAD4/SMAD5/SMAD9
Hhon_g05417.t1

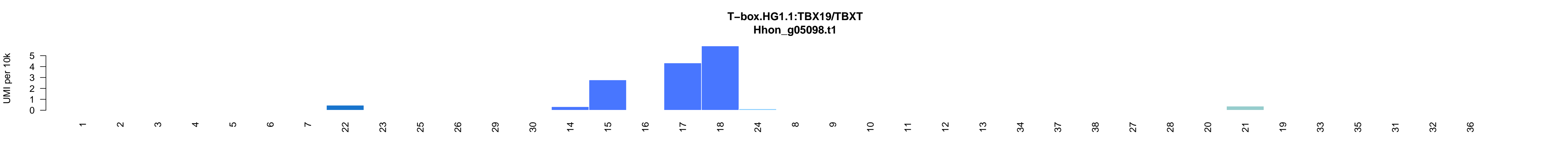


STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6
Hhon_g00370.t1

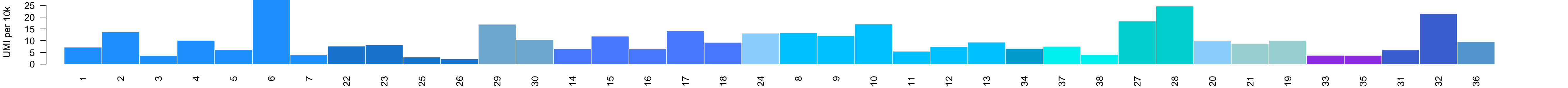


STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6
Hhon_g09955.t1

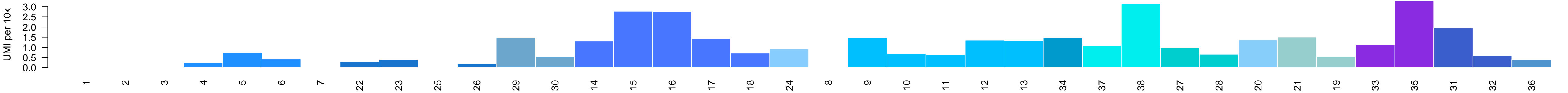




T-box.HG1.14:TBX2/TBX3
Hhon_g06969.t1

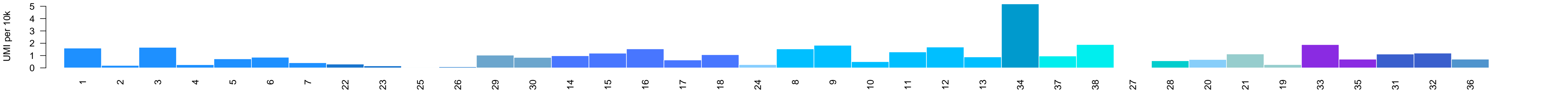


TBP.HG1.4:TBP/TBPL2
Hhon_g08248.t1

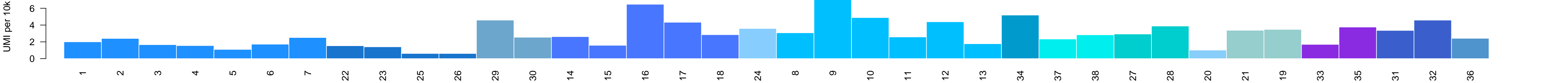


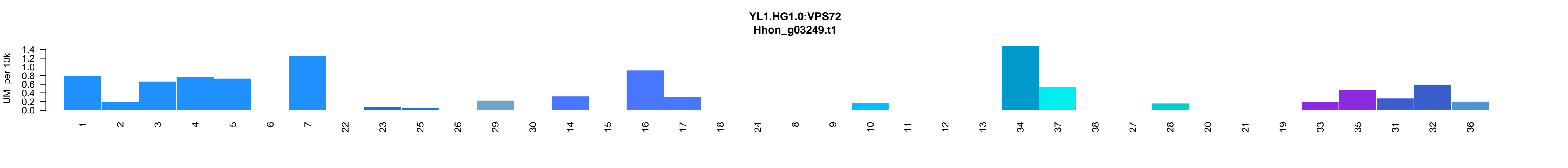
TEA.HG1.1:TEAD1/TEAD2/TEAD3/TEAD4

Hhon_g08923.t1



Tub.HG1.4:TUB/TULP3
Hhon_g03356.t1





zf-C2H2.HG1.107:GFI1/GFI1B
Hhon_g01580.t1

UMI per 10k

4
3
2
1
0

1

2

3

4

5

6

7

22

23

25

26

29

30

14

15

16

17

18

24

8

9

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11

12

13

34

37

38

27

28

20

21

19

33

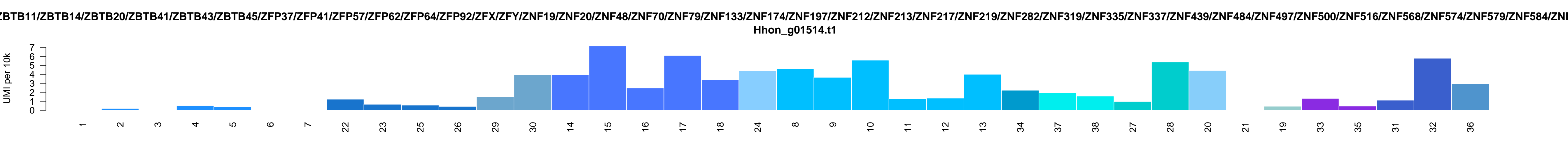
35

31

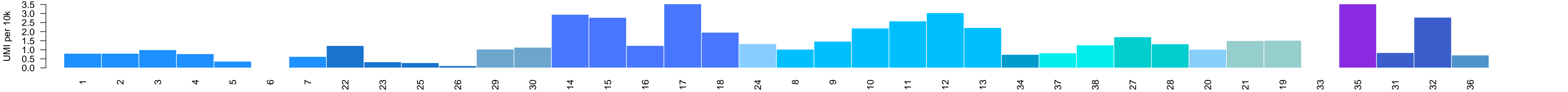
32

36

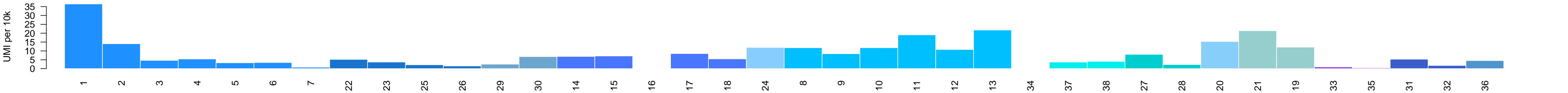




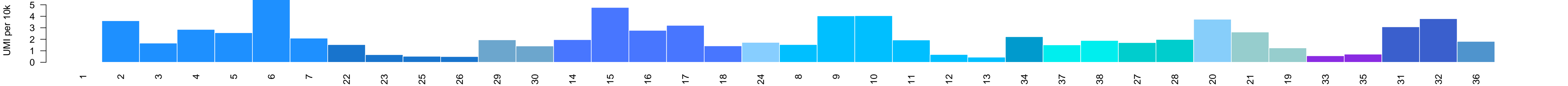
zf-C2H2.HG12.1:SCRT1/SCRT2/SNAI1/SNAI2/SNAI3/ZNF526
Hhon_g04501.t1



zf-C2H2.HG13.4:EGR1/EGR2/EGR3/EGR4
Hhon_g02289.t1

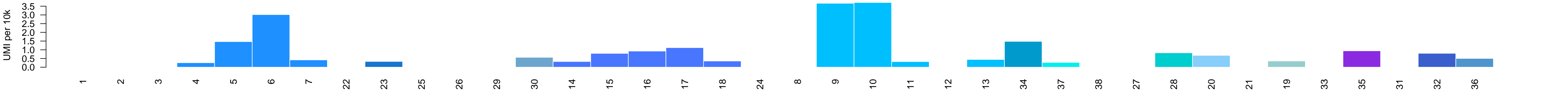


zf-C2H2.HG14.2:like:ZNF784;zf-met.HG1.55:like:GFI1/MAZ/PATZ1/SALL1/SALL2/SALL3/SALL4/ZBTB14/ZBTB49/ZNF236/ZNF384/ZNF426/ZNF524/ZNF559-ZNF177/ZNF628/ZNF883
Hhon_g01510.t1

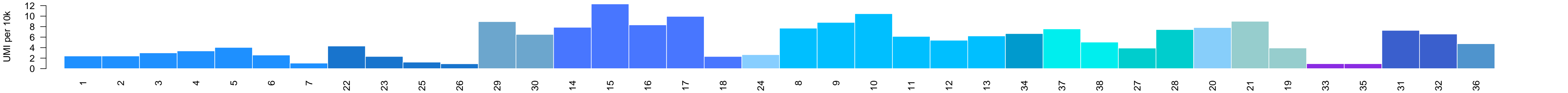


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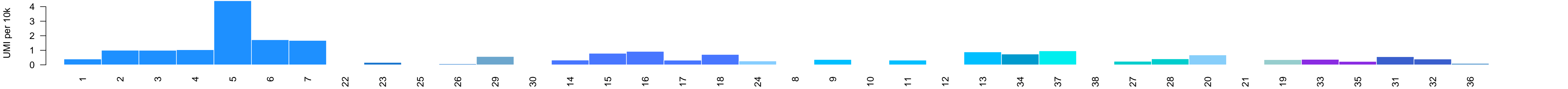
Hhon_g01513.t1



zf-C2H2.HG22.2:FEZF1/FEZF2;zf-met.HG1.53:like:PRDM12
Hhon_g02945.t1



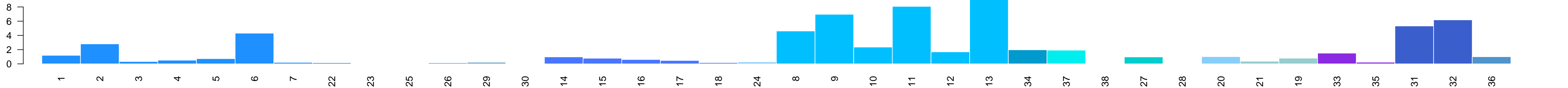
zf-C2H2.HG3.11:KLF10/KLF11
Hhon_g11340.t1



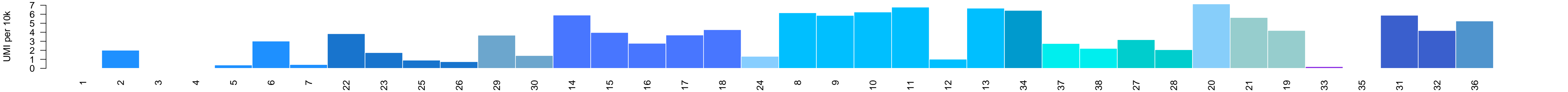
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Hhon_g02953.t1

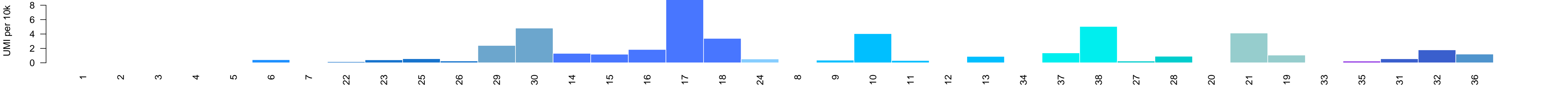
UMI per 10k



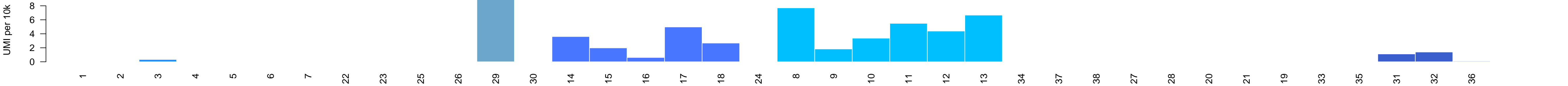
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Hhon_g02092.t1

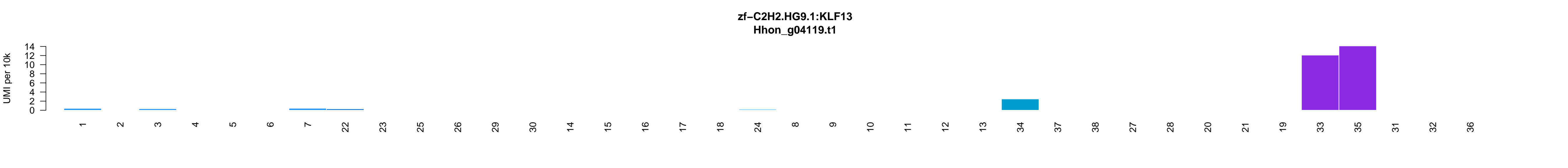


zf-C2H2.HG6.15:ZEB1/ZEB2
Hhon_g01512.t1

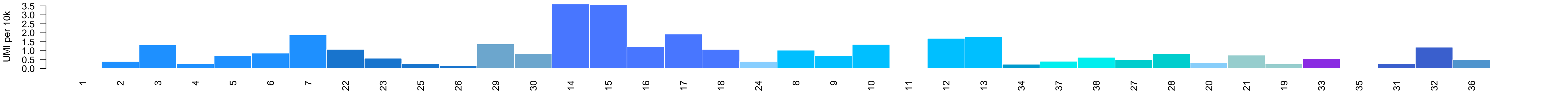


zf-C2H2.HG6.8:AC008770.2/ZNF260/ZNF320/ZNF551/ZNF555/ZNF658/ZNF732/ZNF763
Hhon_g09513.t1



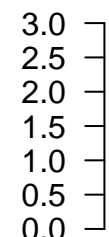


zf-C4_Nuclear_receptors.HG1.24:HNF4A/HNF4G
Hhon_g09981.t1

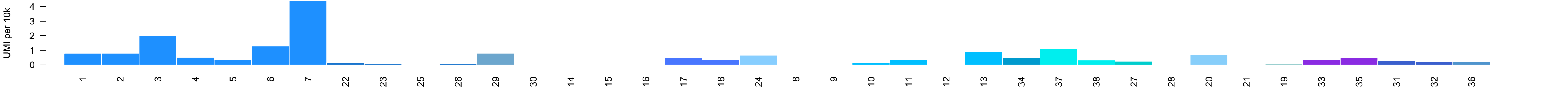


zf-C4_Nuclear_receptors.HG1.36:NR2E3
Hhon_g11170.t1

UMI per 10k



zf-met.HG5.1:ZNF622
Hhon_g03688.t1



zf-met.HG8.0:SF3A2
Hhon_g03676.t1

