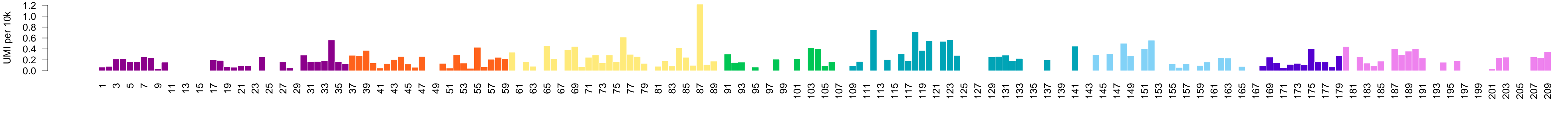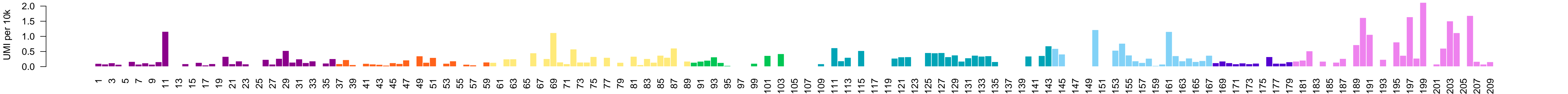Myb.HG1.7:DNAJC2 | 100.0
Tadh_TriadG12520
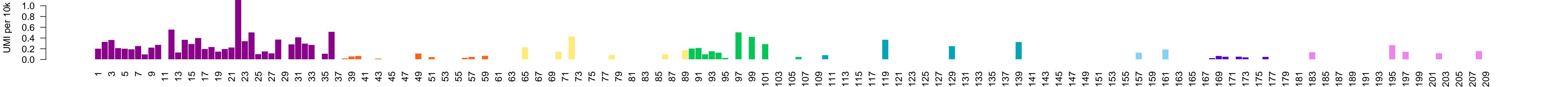
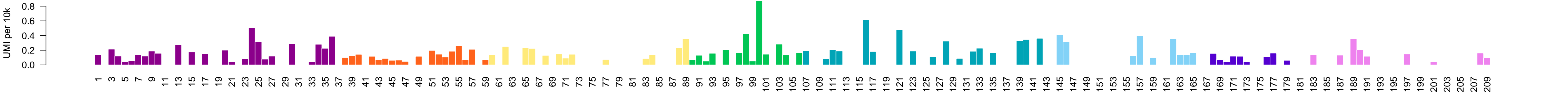HLH.HG2.29:ARNT/ARNT2/ARNTL/ARNTL2 | 96.0
Tadh_TriadG14211

zf−C2H2.HG5.2:like:KLF1/KLF2/KLF3/KLF4/KLF5/KLF6/KLF7/KLF8/KLF10/KLF11/KLF12/KLF14/KLF15/KLF17/KLF18/WT1 | 99.0
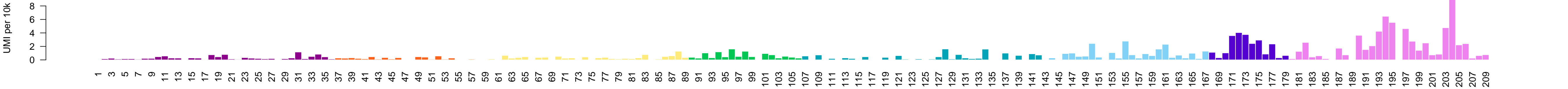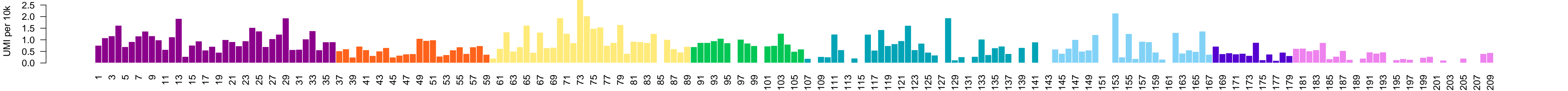
Tadh_TriadG14248

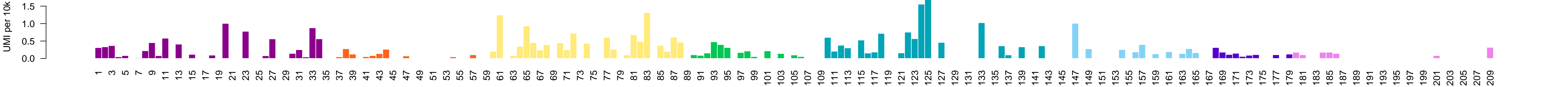zf-C2H2.HG7.12:ZNF775 | 76.0
Tadh_TriadG14905

zf−C2H2.HG7.3:ZNF367;zf−met.HG1.11:like:PATZ1/ZBTB41 | 68.0;99.0
Tadh_TriadG15889
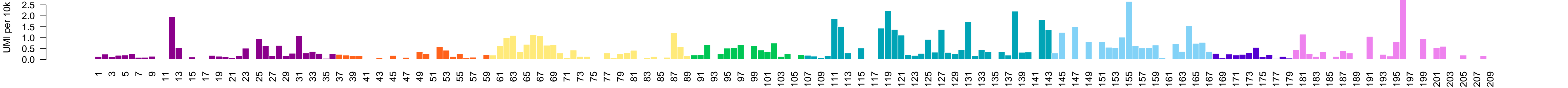
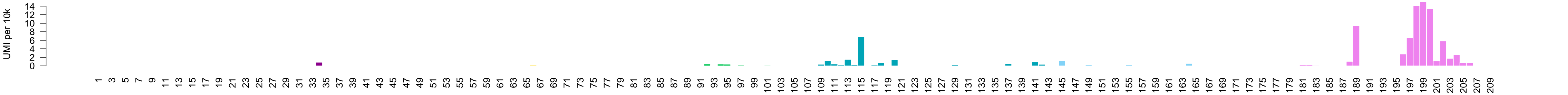**Homeodomains.HG6.3:POU3F1/POU3F2/POU3F3/POU3F4 | 96.0**
Tadh_TriadG16489

Myb.HG1.11:MYB/MYBL1/MYBL2 | 98.0
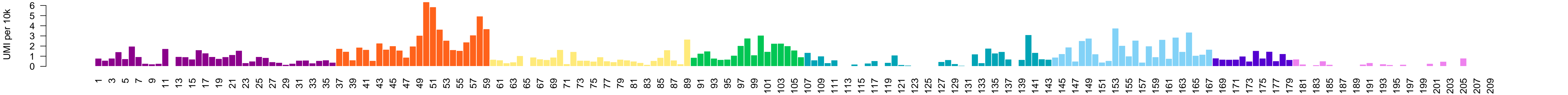**Tadh_TriadG17350**

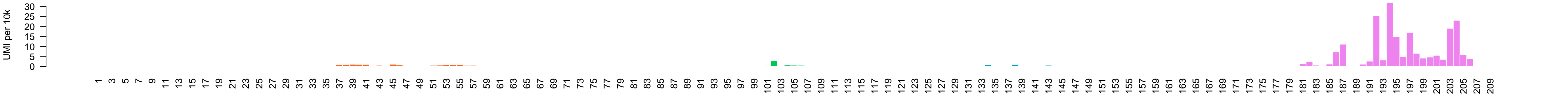Ets.HG1.2:like:AC020909.1/SPI1/SPIB/SPIC | 45.0
Tadh_TriadG17503

Homeodomains.HG1.61:PITX1/PITX2/PITX3 | 86.0
Tadh_TriadG17913

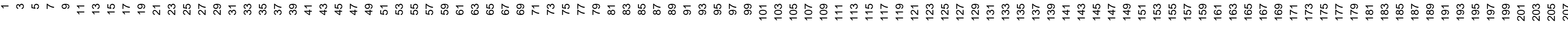zf−C2H2.HG5.14:KLF5/KLF6/KLF7 | 82.0
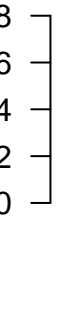Tadh_TriadG17953

zf−C2H2.HG17.6:EGR1/EGR2/EGR3/EGR4 | 70.0
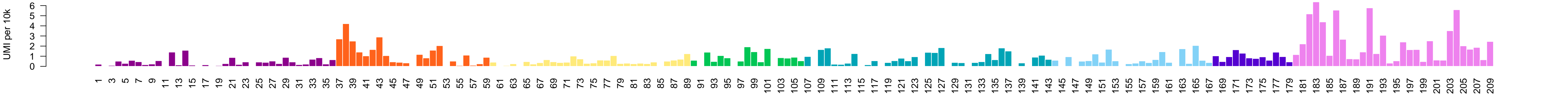Tadh_TriadG17956

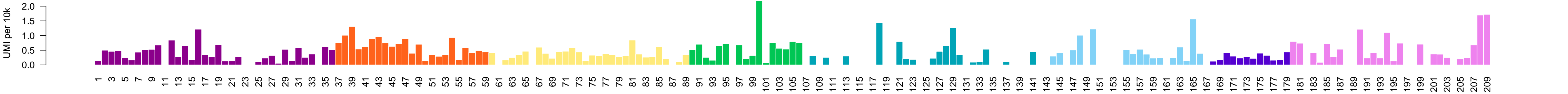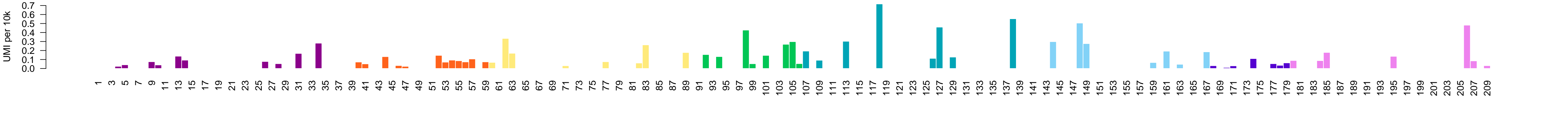HMGbox_Sox.HG1.62:like:SOX1/SOX2/SOX3/SOX15 | 53.0
Tadh_TriadG17959

zf-C2H2.HG5.14:KLF5/KLF6/KLF7 | 82.0
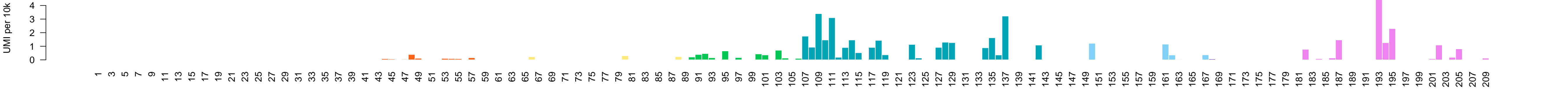**Tadh_TriadG18001**

zf−C2H2.HG26.0:ZNF622;zf−met.HG9.0:ZNF622 | 1.0
Tadh_TriadG18203

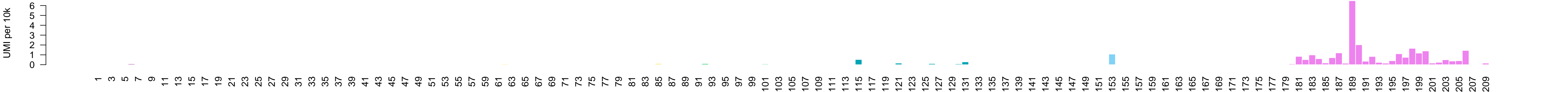Ndt80_PhoG.HG1.0:MYRF/MYRFL | 1.0
Tadh_TriadG18287
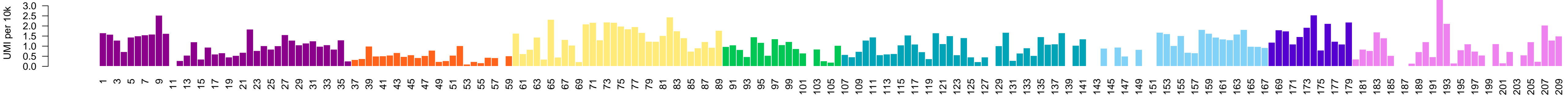
Forkhead.HG1.26:FOXG1 | 97.0
Tadh_TriadG19948

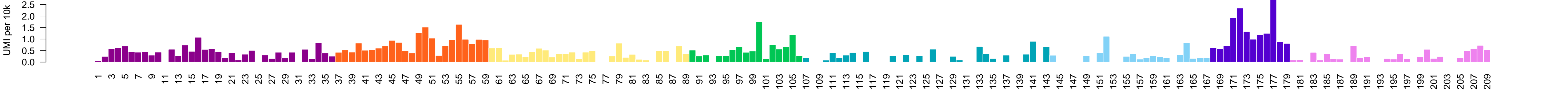zf−C2H2.HG16.1:SCRT1/SCRT2/SNAI1/SNAI2/SNAI3;zf−met.HG1.0:GFI1/SNAI1/SNAI2/SNAI3 | 29.0;31.0
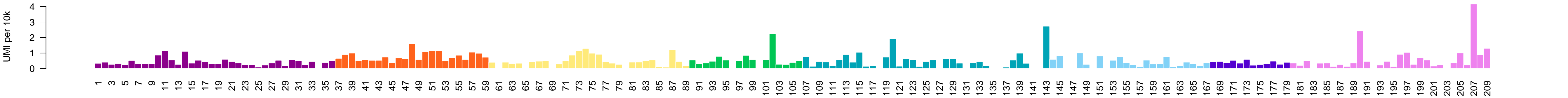Tadh_TriadG20314

CSD.HG1.0:CARHSP1/CSDC2 | 89.0
Tadh_TriadG20474

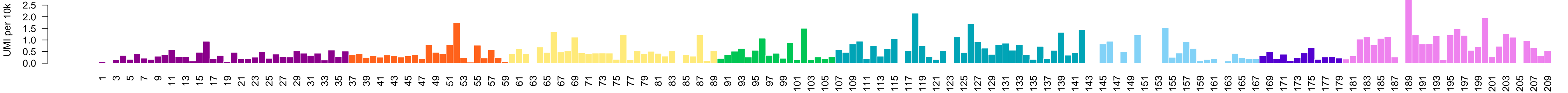**Forkhead.HG1.9:FOXK1/FOXK2 | 100.0**
Tadh_TriadG21017

TEA.HG1.2:TEAD1/TEAD2 | 27.0
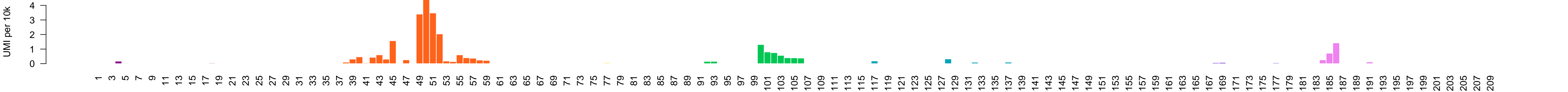**Tadh_TriadG22423**

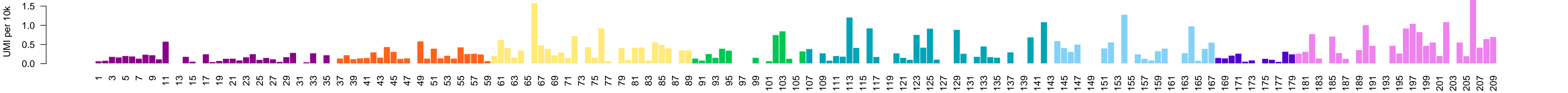MADS−box_SRF.HG1.2:BORCS8−MEF2B/MEF2A/MEF2B/MEF2C/MEF2D | 100.0
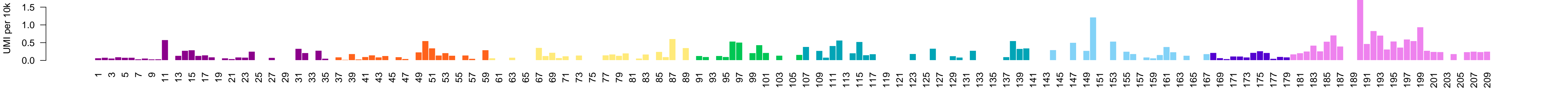
Tadh_TriadG22691

Forkhead.HG1.27:FOXB1/FOXB2 | 100.0
Tadh_TriadG23008
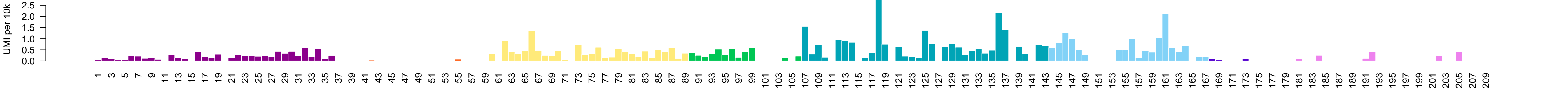
HSF.HG1.2:HSF1/HSF2/HSF4 | 94.0
Tadh_TriadG23376

ARID_BRIGHT.HG1.8:KDM5A/KDM5B/KDM5C/KDM5D | 100.0
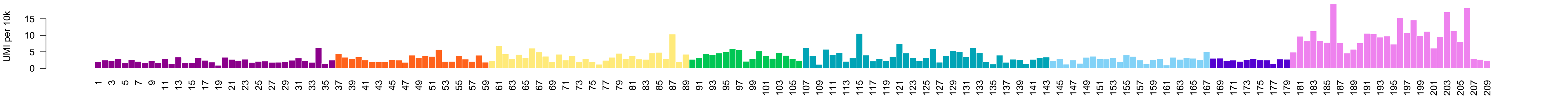**Tadh_TriadG23466**

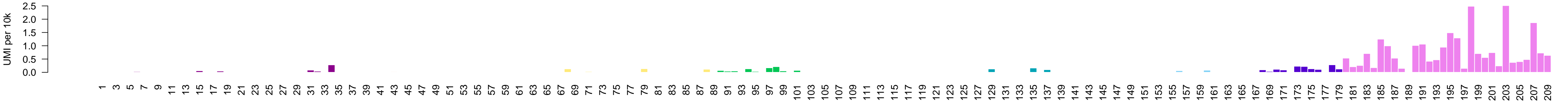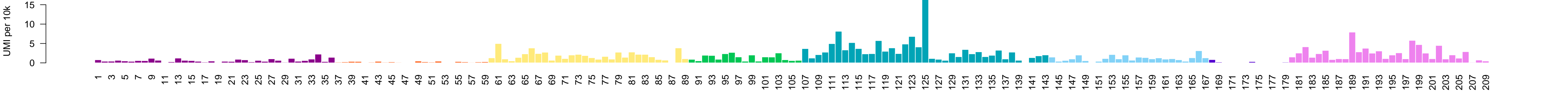zf−C2H2.HG196.0:NA;zf−met.HG45.0:NA | 1.0
Tadh_TriadG24169

Homeodomains.HG4.1:IRX1/IRX2/IRX3/IRX4/IRX5/IRX6 | 78.0
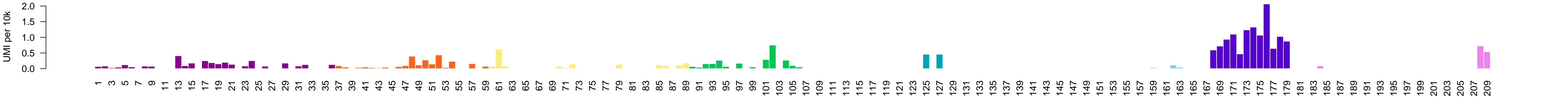Tadh_TriadG24265

Forkhead.HG1.17:AC097634.4/FOXP1/FOXP2/FOXP3/FOXP4 | 99.0
Tadh_TriadG24515

HMGbox_Sox.HG1.65:SOX1/SOX2/SOX3 | 82.0
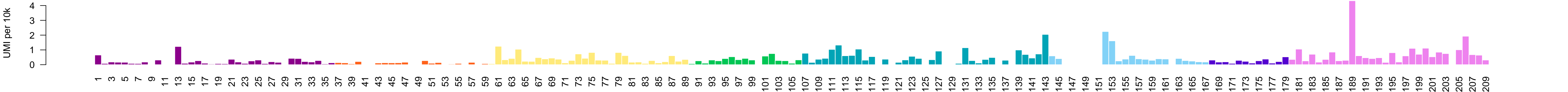Tadh_TriadG24518

zf−C2H2.HG25.1:OVOL1/OVOL2/OVOL3;zf−met.HG28.1:like:OVOL1 | 30.0;99.0
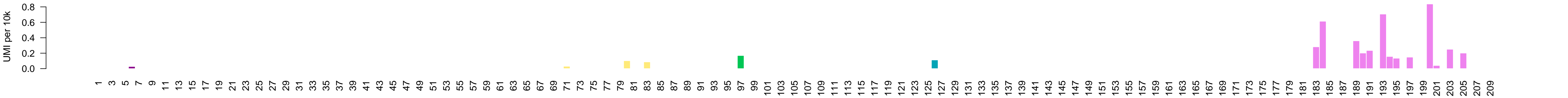Tadh_TriadG24667

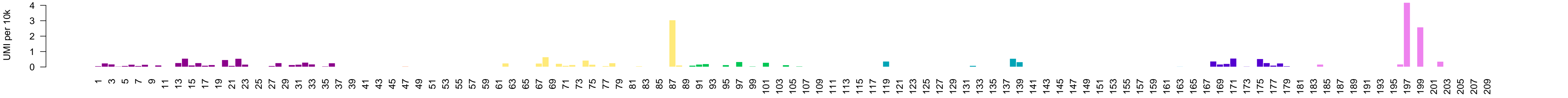Forkhead.HG1.18:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6 | 100.0
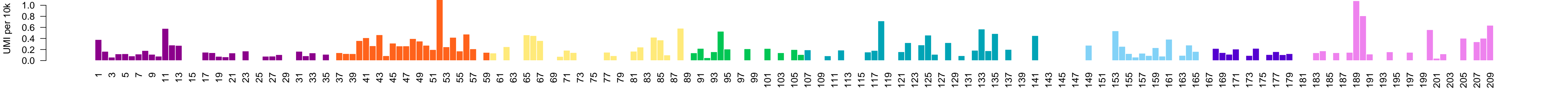Tadh_TriadG25137

Runt_Runx.HG1.0:RUNX1/RUNX2/RUNX3 | 1.0
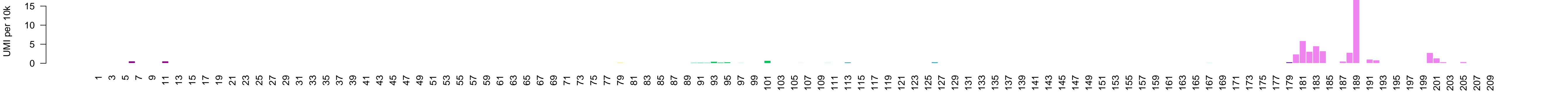**Tadh_TriadG25179**

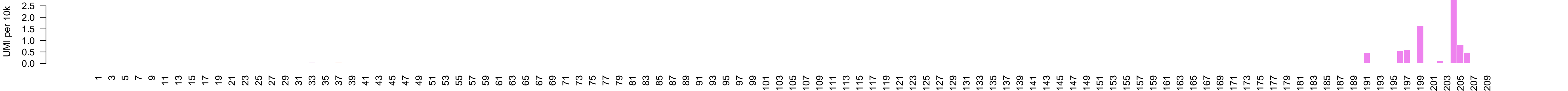**T−box.HG1.4:TBX19/TBXT | 100.0**
Tadh_TriadG25521

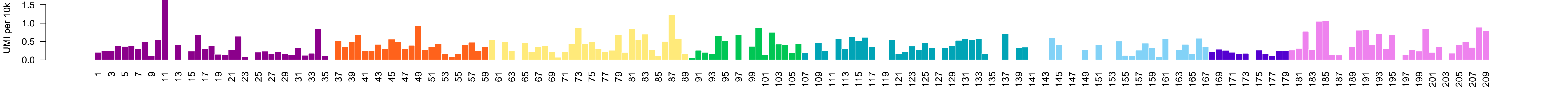Grainyhead_LSF.HG1.1:GRHL1/GRHL2/GRHL3 | 100.0
Tadh_TriadG25702

Homeodomains.HG6.7:POU4F1/POU4F2/POU4F3 | 85.0
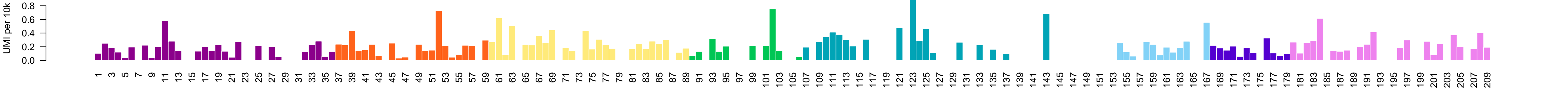**Tadh_TriadG25765**

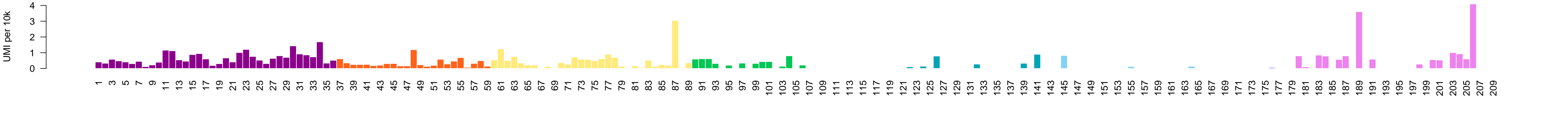**zf−C2H2.HG114.0:NA | 1.0**
Tadh_TriadG26468

zf–C2H2.HG14.8:YY1/YY2 | 48.0
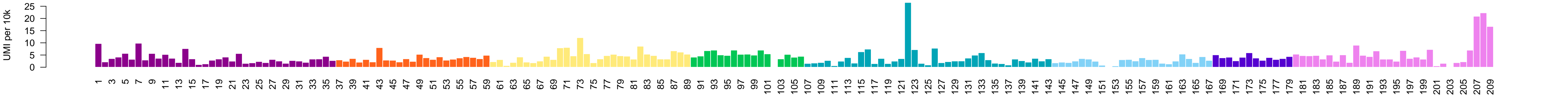Tadh_TriadG26536
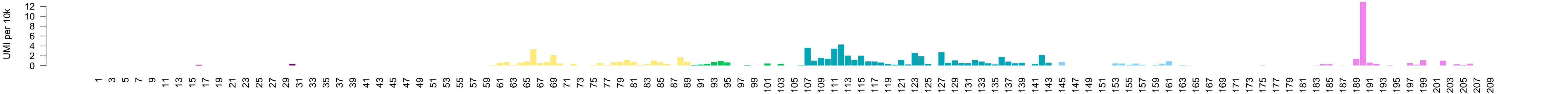
zf−CXXC.HG1.8:CXXC1 | 64.0
Tadh_TriadG27303

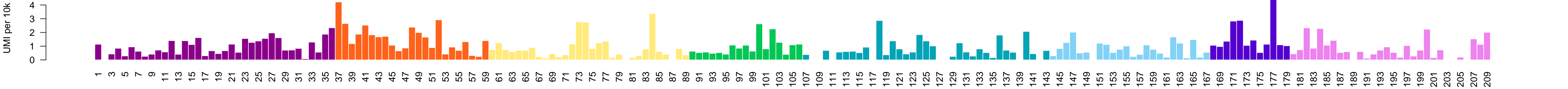**Forkhead.HG1.28:FOXA1/FOXA2/FOXA3 | 100.0**
Tadh_TriadG27448

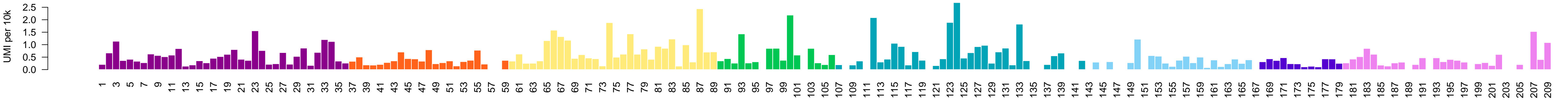Tadh_TriadT27729:HG.Unclassified | NA
Tadh_TriadG27729

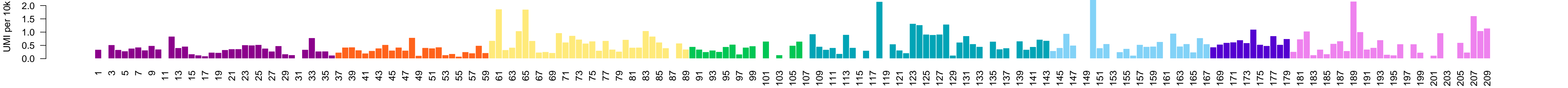AP−2.HG1.3:TFAP2A/TFAP2B/TFAP2C/TFAP2D/TFAP2E | 93.0
Tadh_TriadG27767

zf−C2H2.HG5.9:KLF10/KLF11 | 79.0
Tadh_TriadG27838

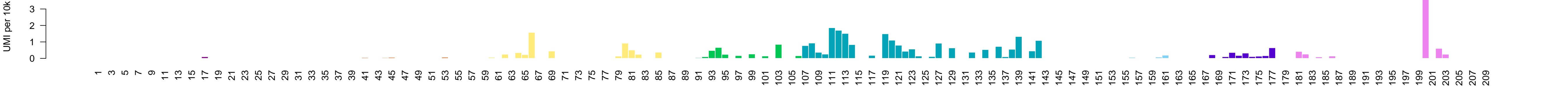**NRF1.HG1.2:NRF1 | 75.0**
Tadh_TriadG2796

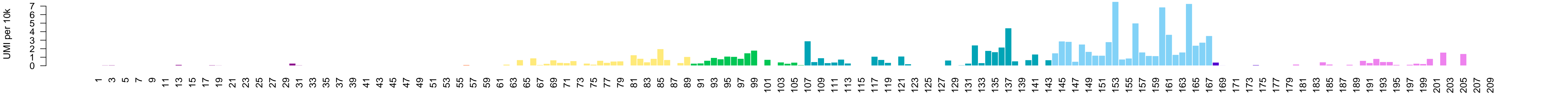NFYB_NFYC.HG3.2:NFYC | 94.0
Tadh_TriadG28000

Forkhead.HG1.31:FOXD1/FOXD2/FOXD3/FOXD4/FOXD4L1/FOXD4L3/FOXD4L4/FOXD4L5/FOXD4L6/FOXE1/FOXE3 | 62.0
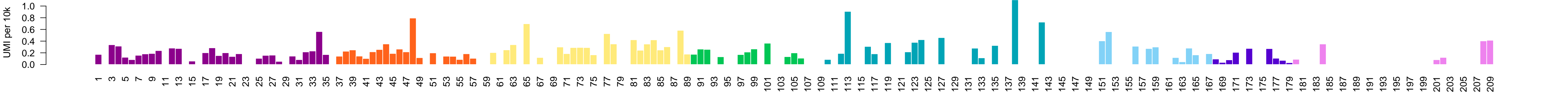Tadh_TriadG28108
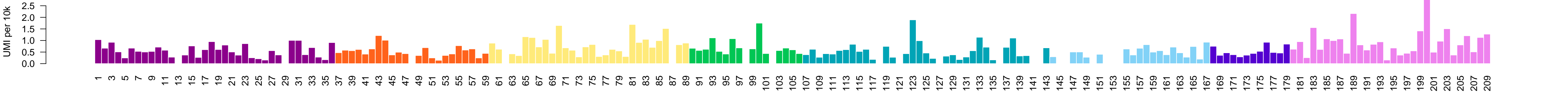
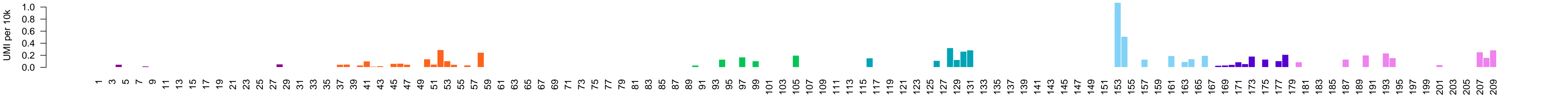**HLH.HG5.0:EBF1/EBF2/EBF3/EBF4 | 1.0**
Tadh_TriadG28406

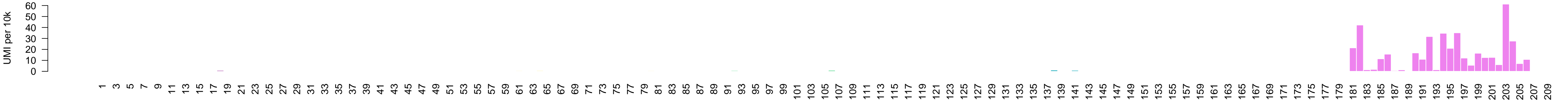Myb.HG1.9:like:MYB/MYBL1/MYBL2/SNAPC4 | 53.0
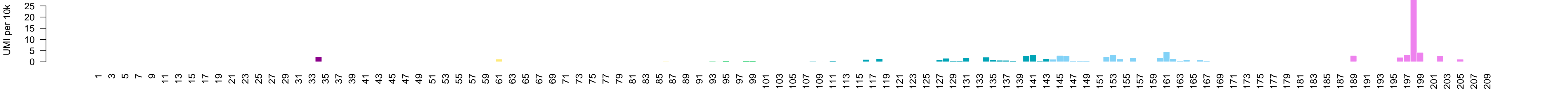Tadh_TriadG28428

NFYB_NFYC.HG4.2:NFYB | 98.0
Tadh_TriadG28921

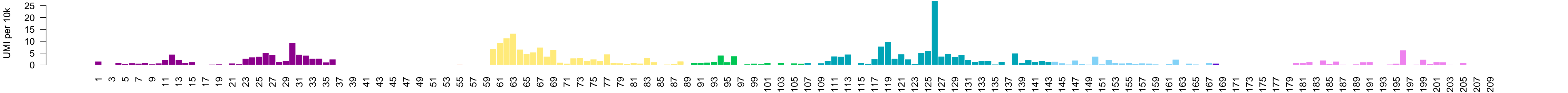Homeodomains.HG9.4:HNF1A/HNF1B | 90.0
Tadh_TriadG28952

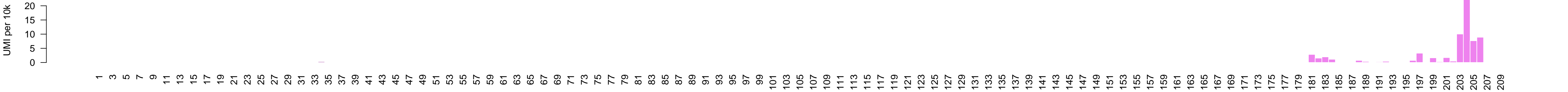Homeodomains.HG1.9:PAX2/PAX5/PAX8 | 93.0
Tadh_TriadG29410

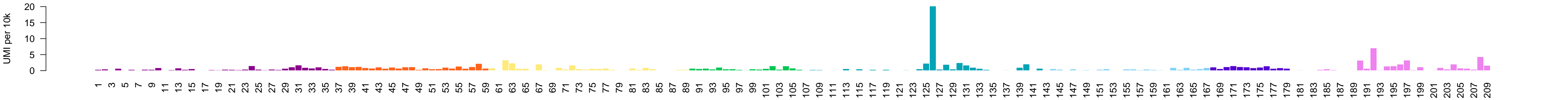**Forkhead.HG1.26:FOXG1 | 97.0**
Tadh_TriadG29433

Ets.HG1.0:ELF1/ELF2/ELF4 | 90.0
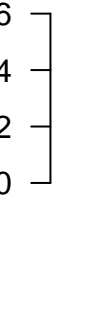**Tadh_TriadG29770**

Homeodomains.HG5.7:LHX1/LHX5 | 86.0
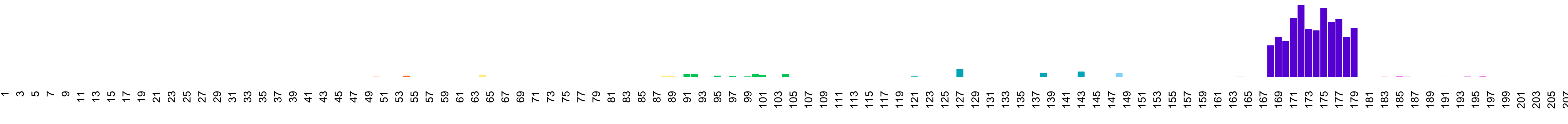**Tadh_TriadG30033**

Forkhead.HG1.37:FOXQ1 | 78.0
Tadh_TriadG30486
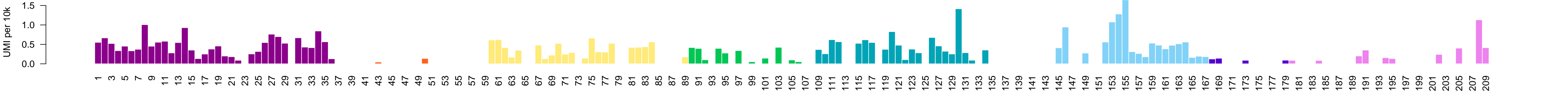
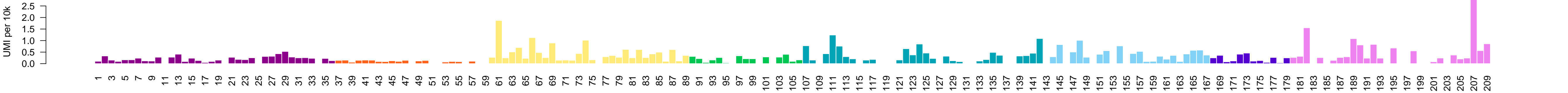Forkhead.HG1.39:FOXC1/FOXC2 | 98.0
Tadh_TriadG30534

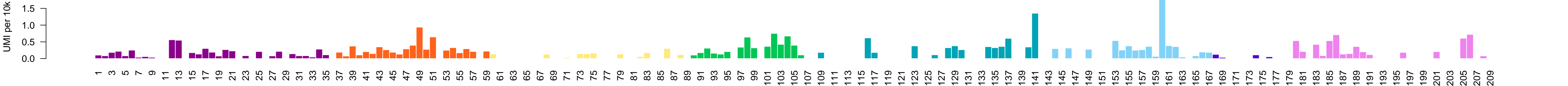HMGbox_Sox.HG1.34:LEF1/TCF7/TCF7L1/TCF7L2 | 100.0
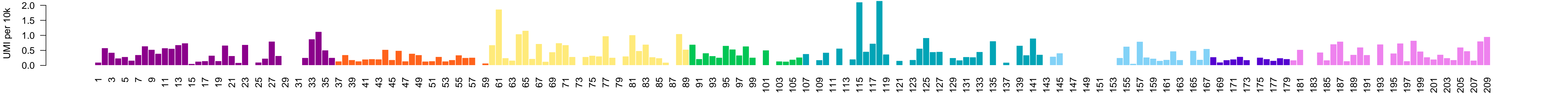Tadh_TriadG30575

SMAD_MH1.HG1.1:SMAD4 | 100.0
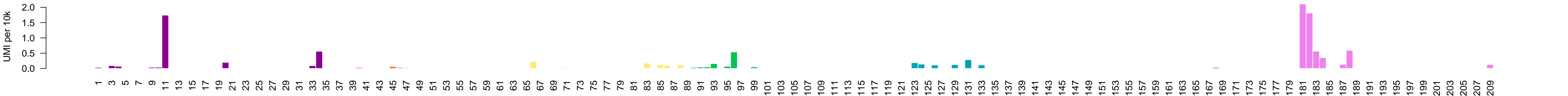**Tadh_TriadG30731**

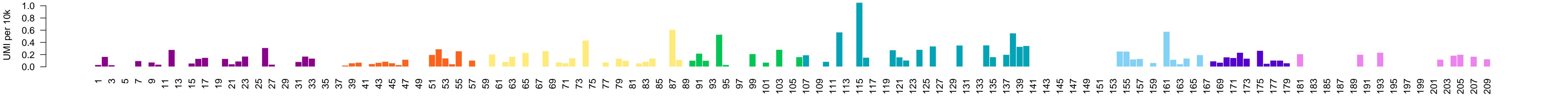Homeodomains.HG5.4:ISL1/ISL2 | 100.0
Tadh_TriadG30944

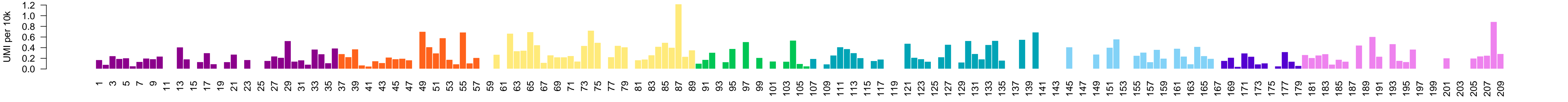Myb.HG1.2:SMARCC1/SMARCC2 | 100.0
Tadh_TriadG31063

Homeodomains.HG2.28:NKX6–1/NKX6–2/NKX6–3 | 93.0
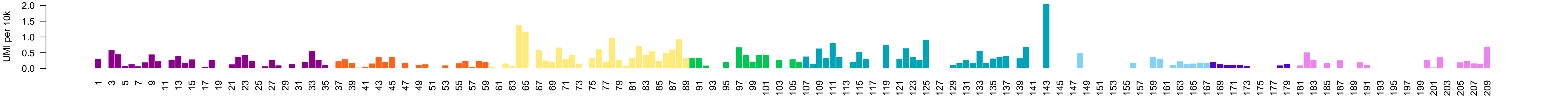**Tadh_TriadG31334**

NFX1_ZF.HG1.0:NFXL1 | 100.0
Tadh_TriadG32641

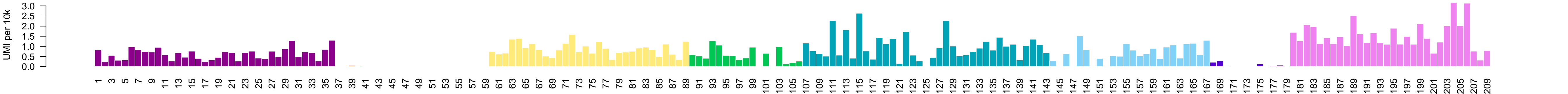E2F_TDP.HG2.1:TFDP1/TFDP2/TFDP3 | 100.0
Tadh_TriadG32839

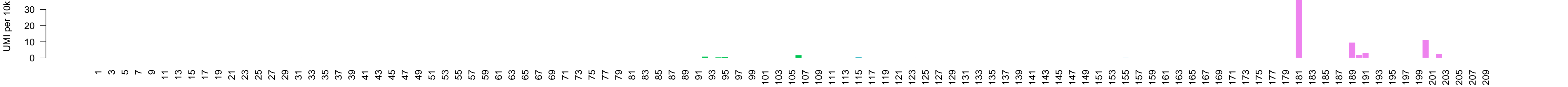zf–C2H2.HG5.14:KLF5/KLF6/KLF7 | 82.0
Tadh_TriadG32907

Tub.HG1.0:TUB/TULP1/TULP2/TULP3/TULP4 | 1.0
Tadh_TriadG33067

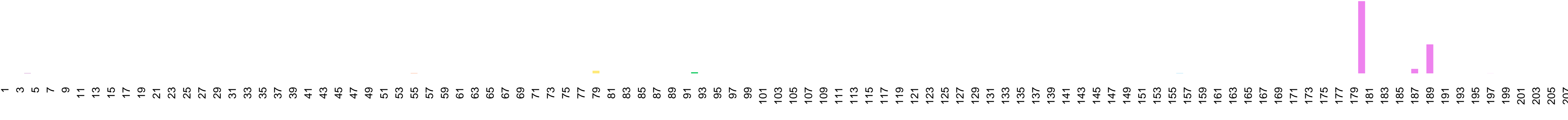**Homeodomains.HG3.30:GSX1/GSX2 | 99.0**
Tadh_TriadG33728

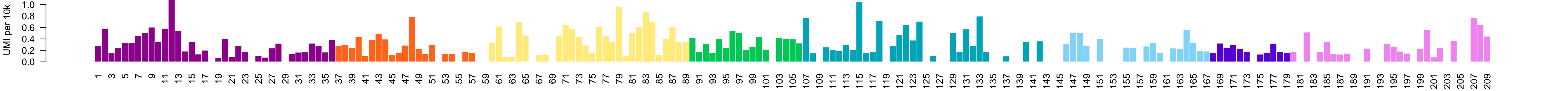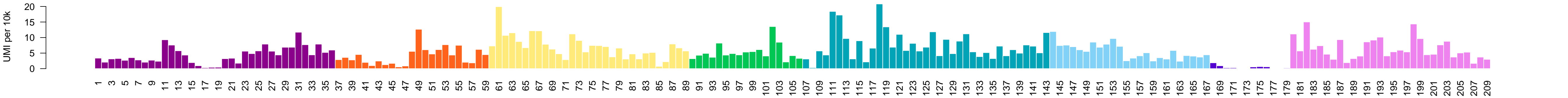Homeodomains.HG1.36:like:PAX1/PAX4/PAX6/PAX9 | 71.0
Tadh_TriadG3502

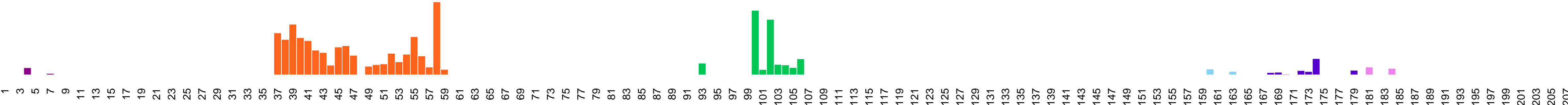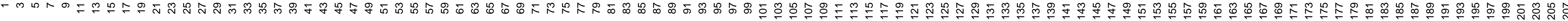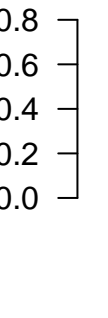Myb.HG1.15:CDC5L | 100.0
Tadh_TriadG37778

Ets.HG1.4:like:ELK1/ELK3/ELK4/ERF/ERFL/ERG/ETS1/ETS2/ETV1/ETV2/ETV3/ETV3L/ETV4/ETV5/ETV6/ETV7/FEV/FLI1/GABPA/SPDEF | 39.0

Tadh_TriadG38199

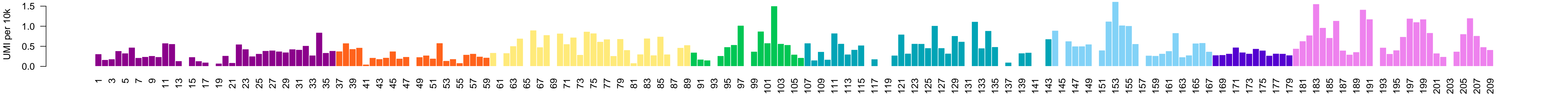Homeodomains.HG2.7:DBX1/DBX2/EMX1/EMX2/HLX/NOTO/VAX1/VAX2 | 59.0
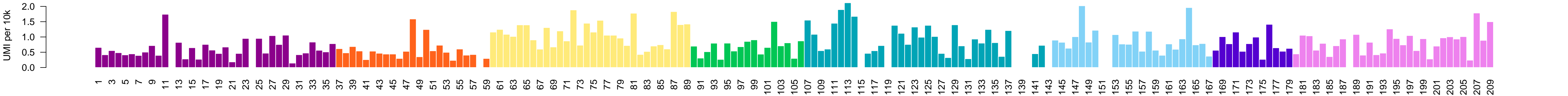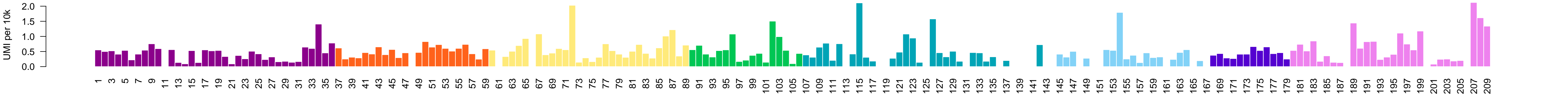Tadh_TriadG49524

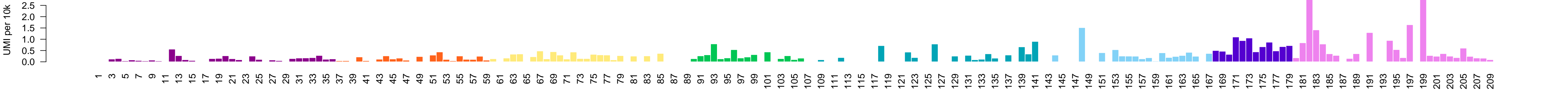SMAD_MH1.HG1.3:SMAD2/SMAD3 | 82.0
Tadh_TriadG49742

SMAD_MH1.HG1.4:SMAD1/SMAD5/SMAD9 | 97.0
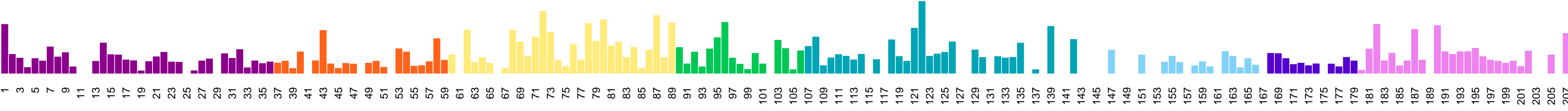Tadh_TriadG50301

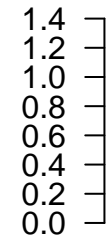TBP.HG1.4:TBP/TBPL2 | 87.0
Tadh_TriadG50358

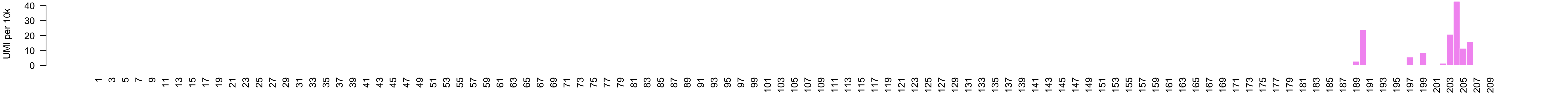zf−C4_Nuclear_receptors.HG1.35:HNF4A/HNF4G | 98.0

Tadh_TriadG50786

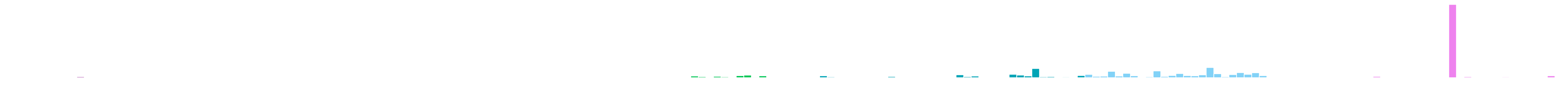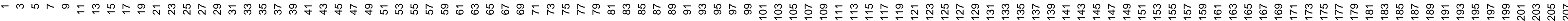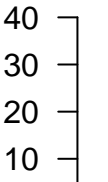E2F_TDP.HG1.8:E2F4/E2F5 | 97.0
Tadh_TriadG50818

Homeodomains.HG3.2:MNX1 | 32.0
Tadh_TriadG50911
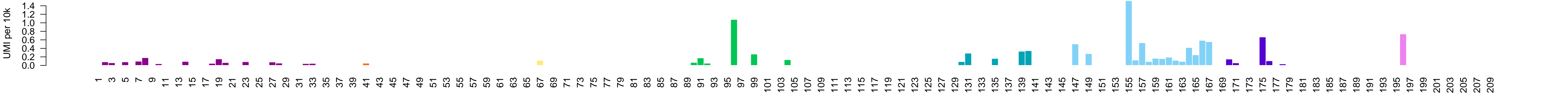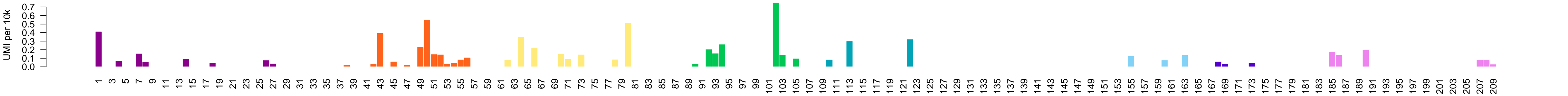
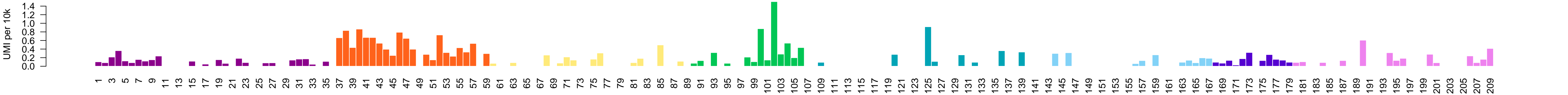Homeodomains.HG2.19:HMX1/HMX2/HMX3 | 33.0
Tadh_TriadG50928

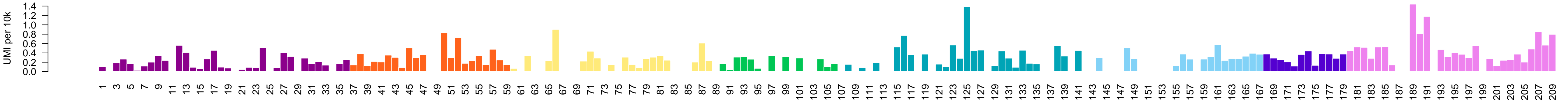Homeodomains.HG2.20:like:MSX1/MSX2 | 100.0
Tadh_TriadG51739

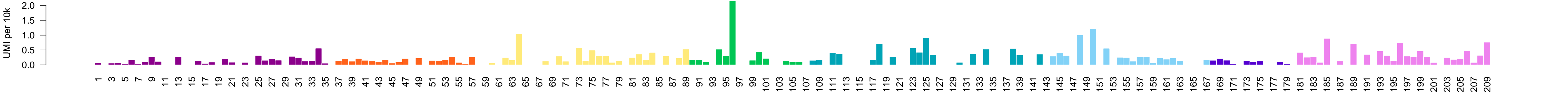Forkhead.HG1.0:FOXN1/FOXN4/FOXR1/FOXR2 | 100.0
Tadh_TriadG51743

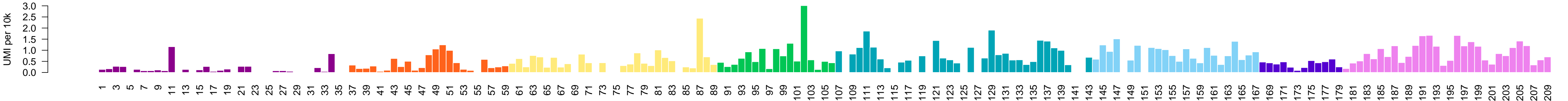mTERF.HG1.2:like:MTERF1/MTERF2/MTERF3/MTERF4 | 24.0
Tadh_TriadG51882

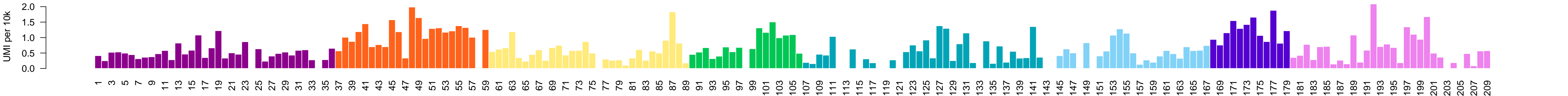CSD.HG1.4:CSDE1 | 68.0
Tadh_TriadG52268

Myb.HG1.8:SNAPC4 | 70.0
Tadh_TriadG52276

SMAD_MH1.HG1.0:SMAD6/SMAD7 | 98.0
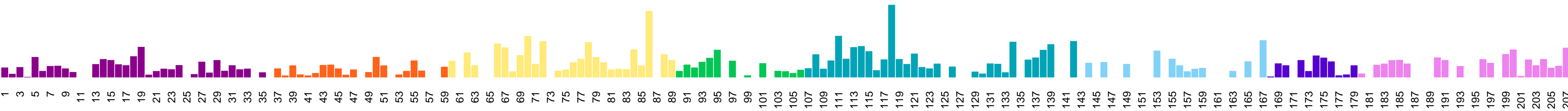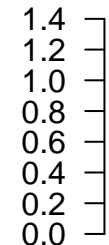Tadh_TriadG52368

STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | 88.0
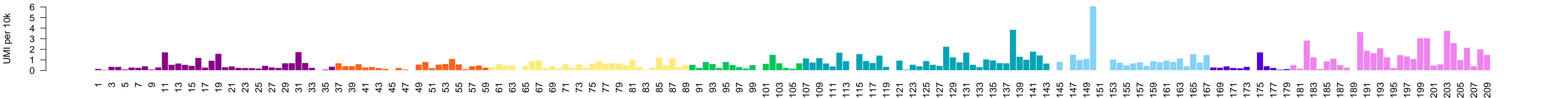Tadh_TriadG52438

zf−CXXC.HG1.6:CXXC4/CXXC5/TET1/TET3 | 53.0
Tadh_TriadG52488

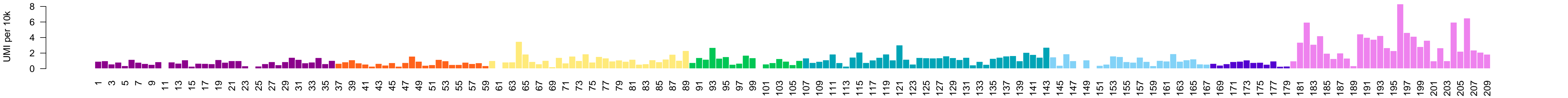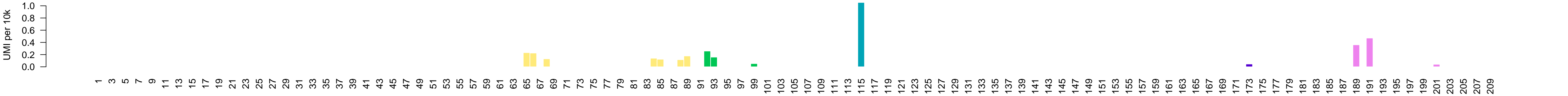**bZIP.HG1.2:MAF/MAFA/MAFB/MAFF/MAFG/MAFK/NRL | 90.0**
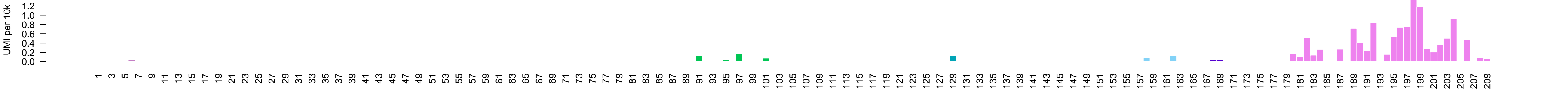**Tadh_TriadG52591**

bZIP.HG1.2:MAF/MAFA/MAFB/MAFF/MAFG/MAFK/NRL | 90.0
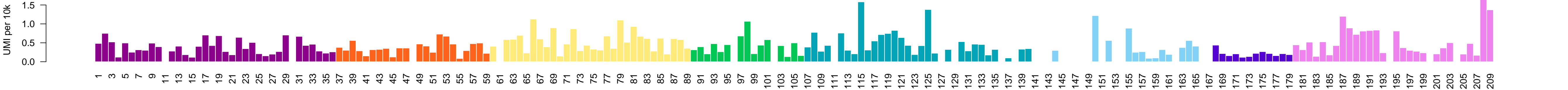**Tadh_TriadG52592**

bZIP.HG3.4:like:DBP/HLF/TEF | 92.0
Tadh_TriadG52980

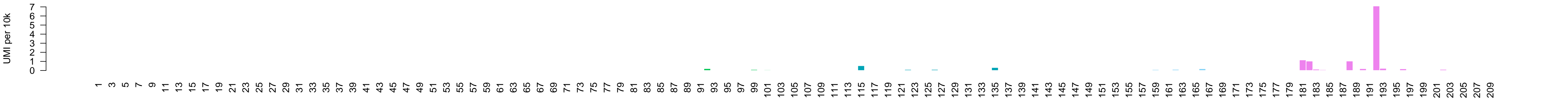**STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | 88.0**
Tadh_TriadG53918

NFYB_NFYC.HG4.1:DR1 | 74.0
Tadh_TriadG54139
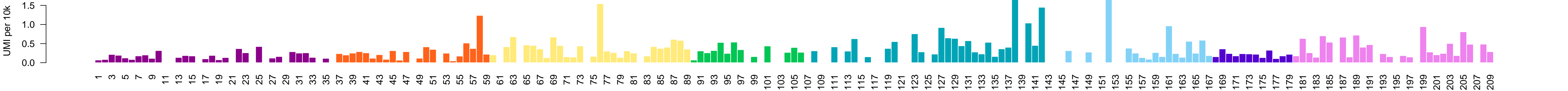
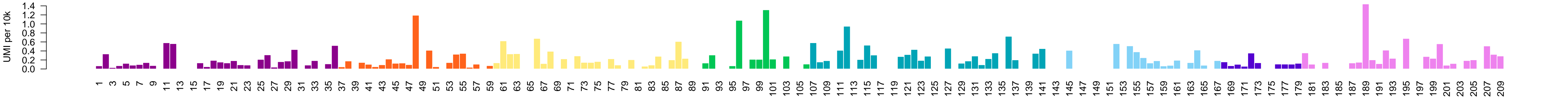**HLH.HG1.72:like:ASCL3/ASCL4/ASCL5 | 98.0**
Tadh_TriadG54311

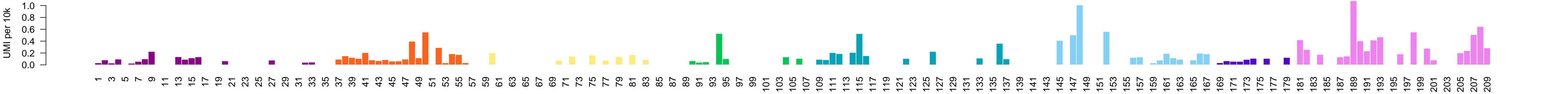HLH.HG1.63:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5 | 100.0
Tadh_TriadG54312

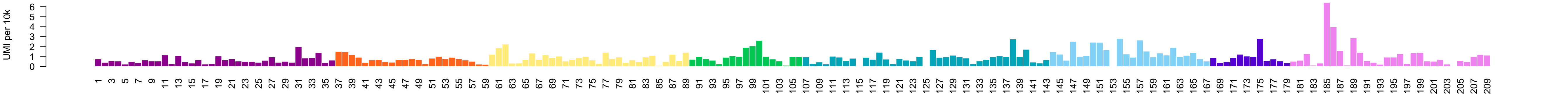zf−MIZ.HG1.3:like:PIAS1/PIAS2/PIAS3/PIAS4 | 80.0
Tadh_TriadG54339

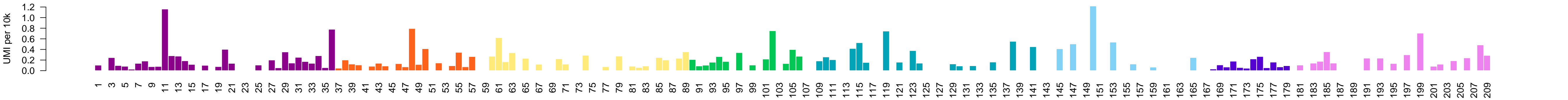zf−met.HG4.2:ZFR/ZFR2 | 63.0
Tadh_TriadG54522

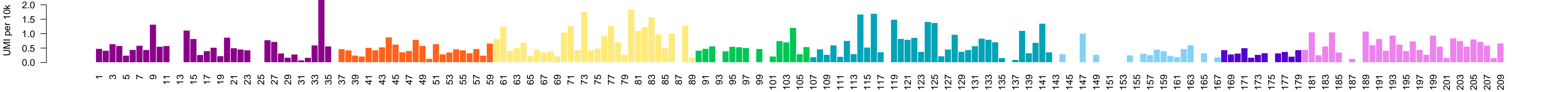**Myb.HG4.0:MSANTD1 | 77.0**
Tadh_TriadG54580

bZIP.HG2.4:CREB3/CREB3L1/CREB3L2/CREB3L3/CREB3L4 | 44.0
Tadh_TriadG54788

ARID_BRIGHT.HG1.3:ARID2;RFX.HG1.0:ARID2/RFX5/RFX7 | 100.0;93.0
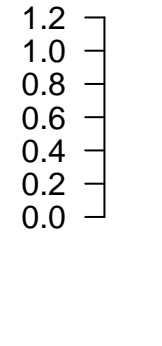Tadh_TriadG54817
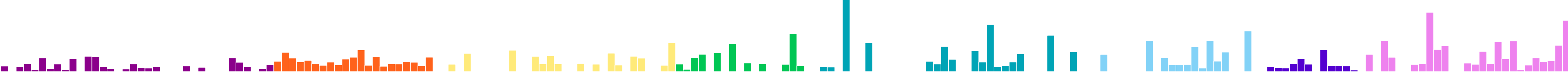
bZIP.HG2.5:ATF1/CREB1/CREM | 97.0
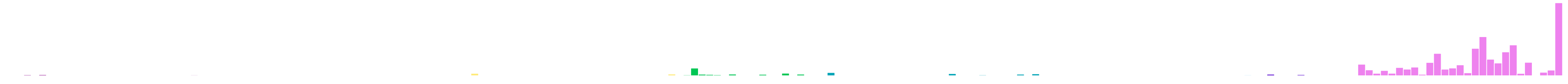Tadh_TriadG54968

NFX1_ZF.HG1.1:NFX1 | 100.0
Tadh_TriadG55011

HLH.HG1.1:like:PTF1A | 96.0
Tadh_TriadG55034
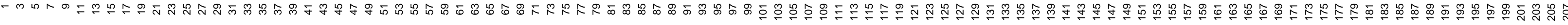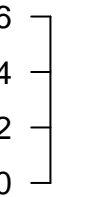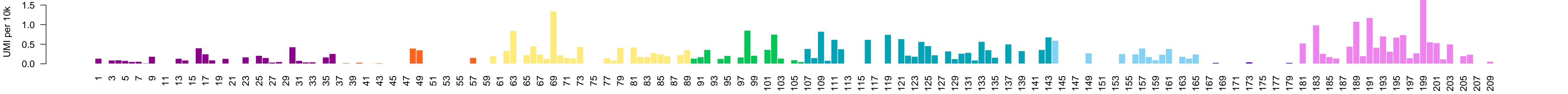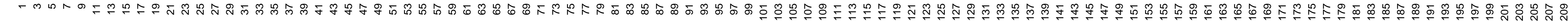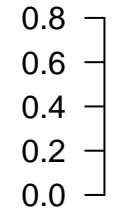
Myb.HG1.3:like:DNAJC1/DNAJC2 | 93.0
Tadh_TriadG55043

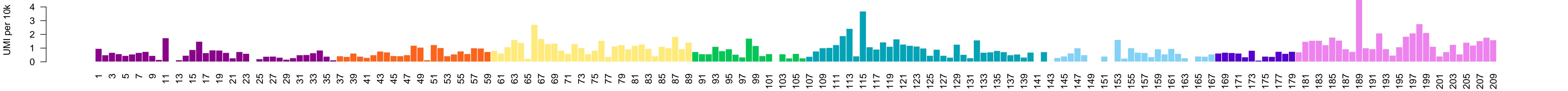**NRF1.HG1.0:like:NRF1 | 96.0**
Tadh_TriadG55353
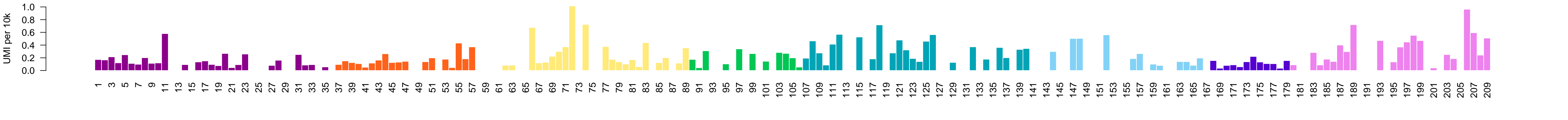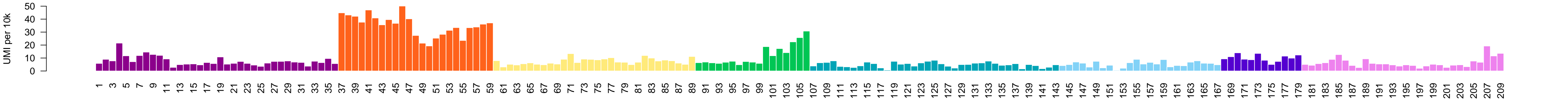
HMGbox_Sox.HG1.30:HBP1 | 100.0
Tadh_TriadG55419

HMGbox_Sox.HG1.22:like:TOX/TOX2/TOX3/TOX4 | 87.0
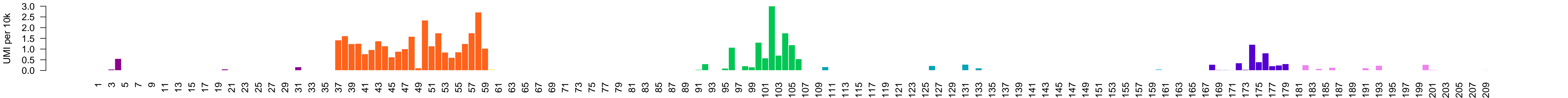Tadh_TriadG55585

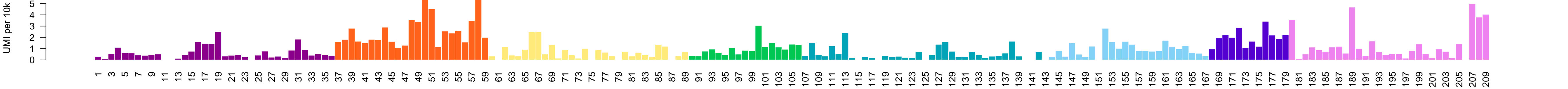**ARID_BRIGHT.HG1.7:JARID2 | 100.0**
Tadh_TriadG55681

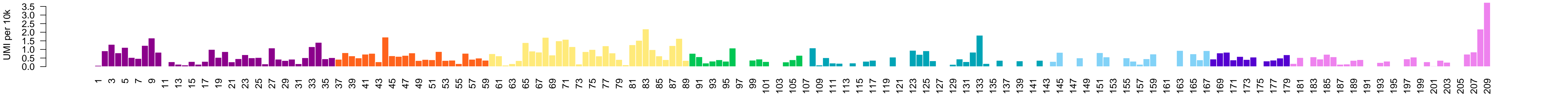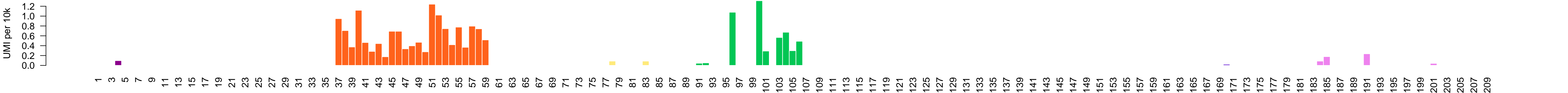HLH.HG1.22:like:BHLHE22/BHLHE23/OLIG1/OLIG2/OLIG3 | 100.0
Tadh_TriadG55857

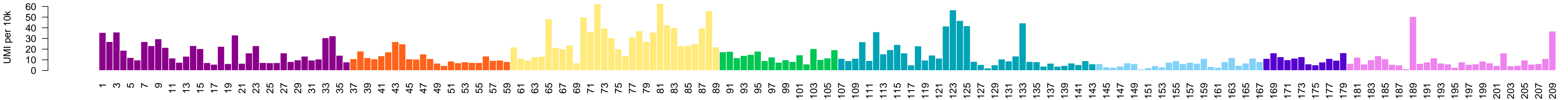**YL1.HG1.0:VPS72 | 1.0**
Tadh_TriadG55931

NFYB_NFYC.HG3.1:POLE4 | 67.0
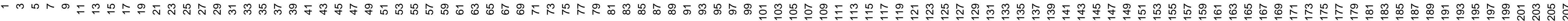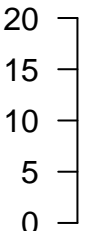Tadh_TriadG56174

HLH.HG2.2:TFAP4 | 98.0
Tadh_TriadG56276

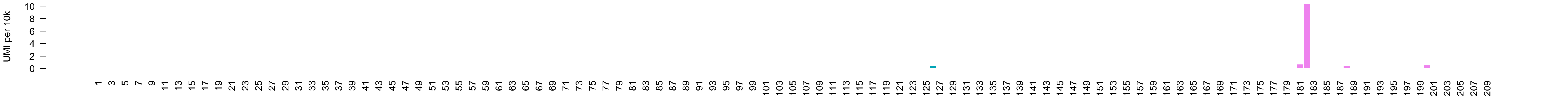HMGbox_Sox.HG1.24:like:UBTF/UBTFL1 | 100.0
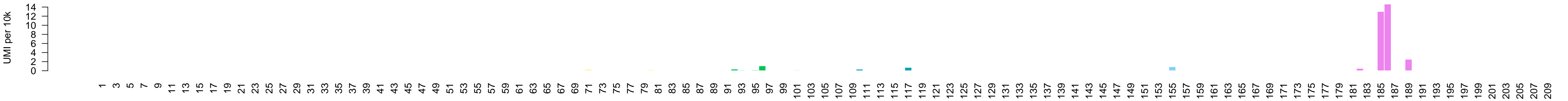Tadh_TriadG56397

HLH.HG2.32:AC019117.3/AHR/AHRR | 92.0
Tadh_TriadG56431

Homeodomains.HG7.2:like:SIX1/SIX2/SIX3/SIX4/SIX5/SIX6 | 80.0
Tadh_TriadG5673

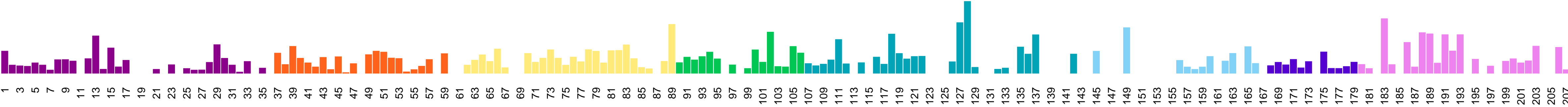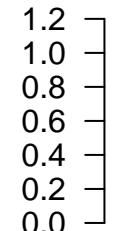HLH.HG1.0:FERD3L | 98.0
Tadh_TriadG56913
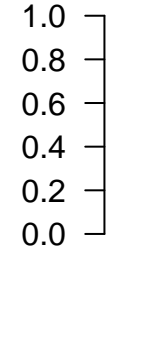
ARID_BRIGHT.HG1.4:ARID4A/ARID4B | 100.0
Tadh_TriadG57024

Myb.HG1.26:TADA2B | 94.0
Tadh_TriadG57213
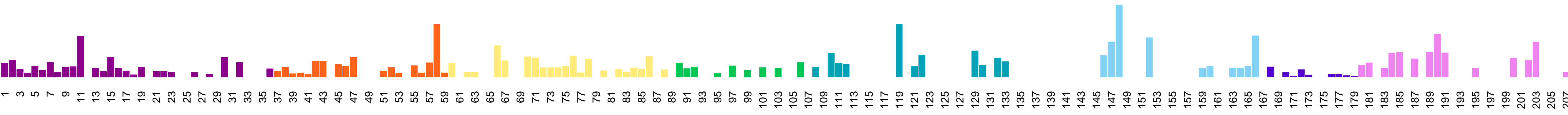
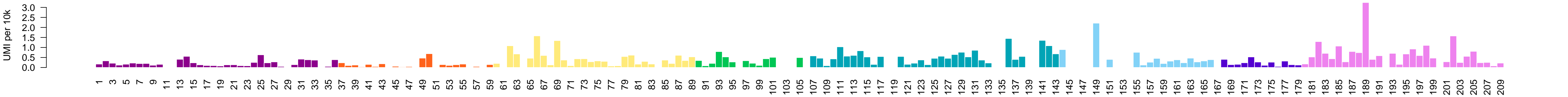zf−C2H2.HG31.1:TRERF1/ZNF541 | 96.0
Tadh_TriadG57313
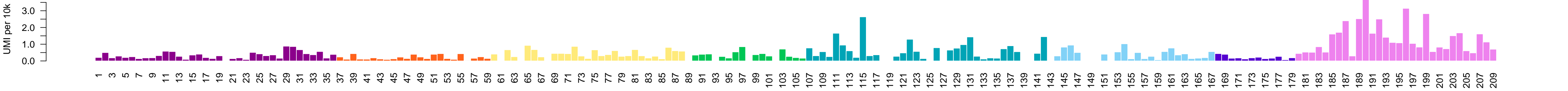
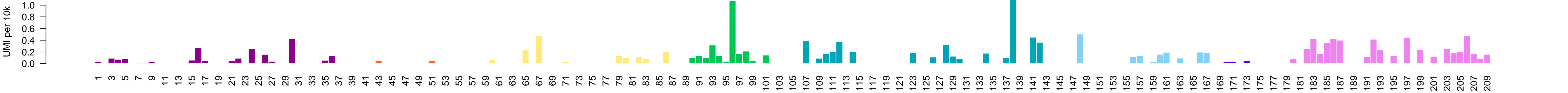HLH.HG3.7:HES1/HES2/HES4 | 26.0
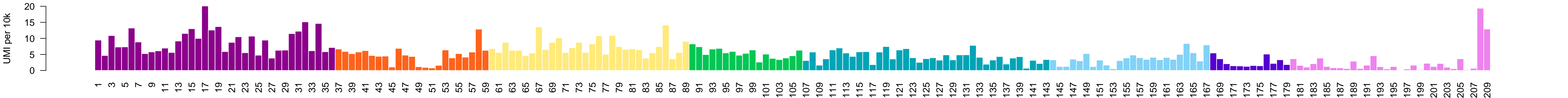Tadh_TriadG57355
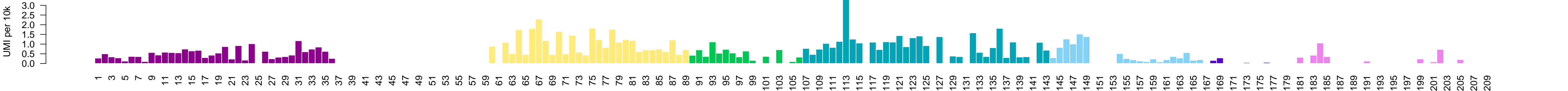
GATA.HG2.1:RERE | 100.0
Tadh_TriadG57654

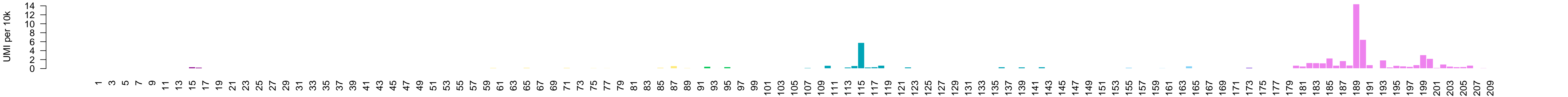**Forkhead.HG1.15:FOXJ3 | 99.0**
Tadh_TriadG57744

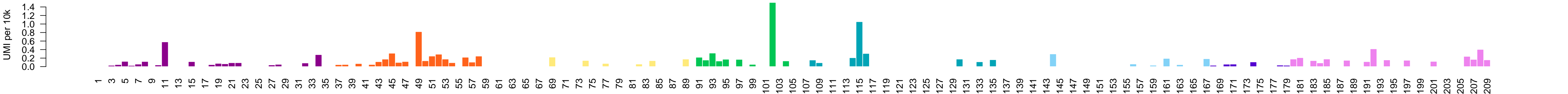HLH.HG2.11:MYC/MYCL/MYCN | 73.0
Tadh_TriadG57914
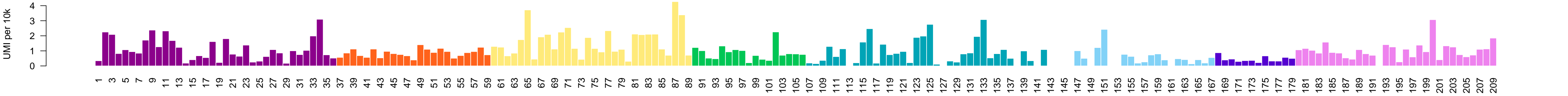
HMGbox_Sox.HG1.38:SOX4/SOX11/SOX12 | 96.0
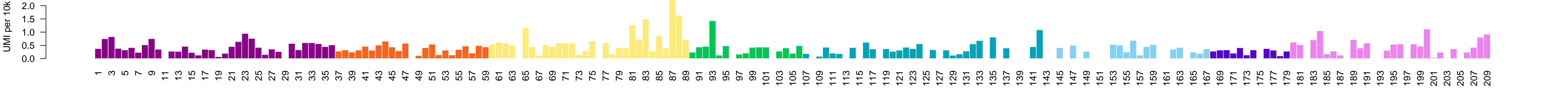Tadh_TriadG57974

zf−C2H2.HG154.0:ZNF512;zf−met.HG1.21:like:GZF1/HIC1/HIC2/MYNN/SALL2/ZBTB6/ZBTB12/ZBTB16/ZBTB20/ZBTB26/ZBTB32/ZBTB34/ZBTB44/ZNF131/ZNF574 | 1.0;85.0
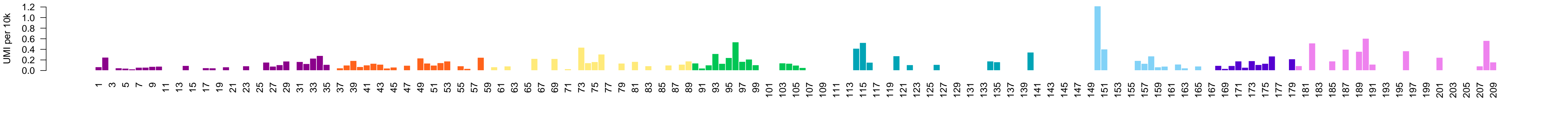
Tadh_TriadG58398
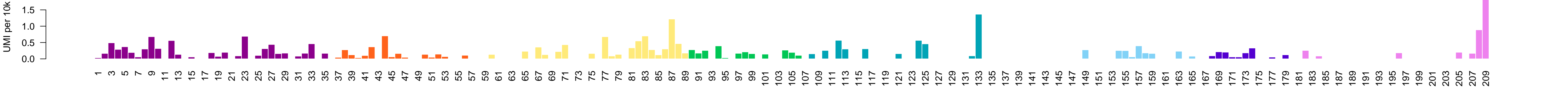
HMGbox_Sox.HG1.4:like:TFAM | 76.0
Tadh_TriadG58452

NFYA.HG1.1:like:NFYA | 57.0
Tadh_TriadG58635
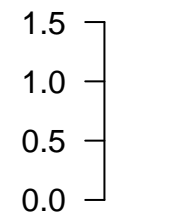
HMGbox_Sox.HG1.7:HMG20A/HMG20B | 100.0
Tadh_TriadG58720

E2F_TDP.HG1.1:like:E2F1/E2F2/E2F3/E2F4/E2F5/E2F6/E2F7/E2F8 | 100.0
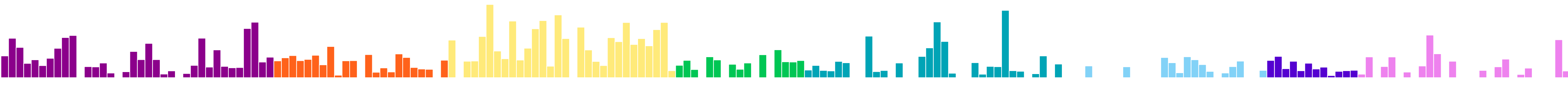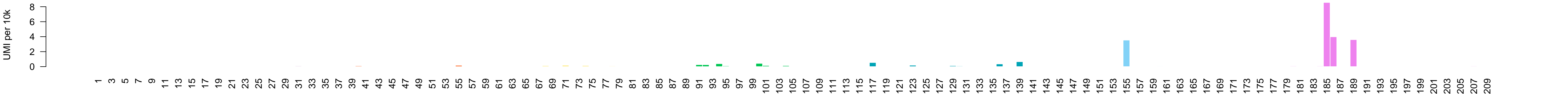**Tadh_TriadG58918**
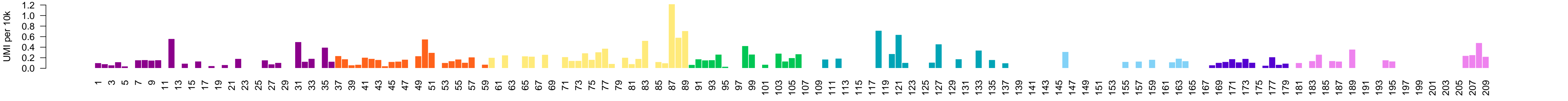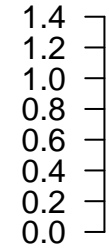
NFYB_NFYC.HG3.0:CHRAC1 | 100.0
Tadh_TriadG58930

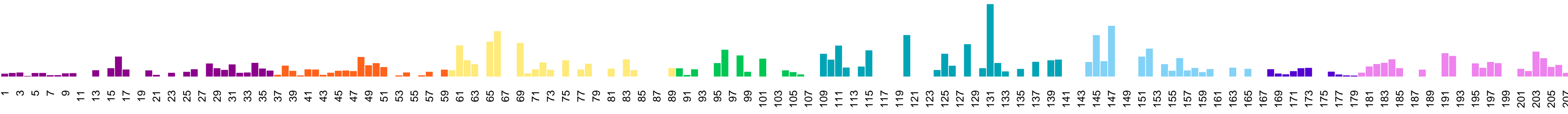HLH.HG3.2:BHLHE40/BHLHE41/HELT/HEY1/HEY2/HEYL | 51.0
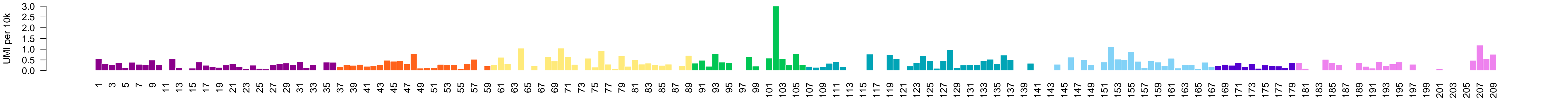Tadh_TriadG59292

Myb.HG5.0:DMAP1 | 1.0
Tadh_TriadG59326

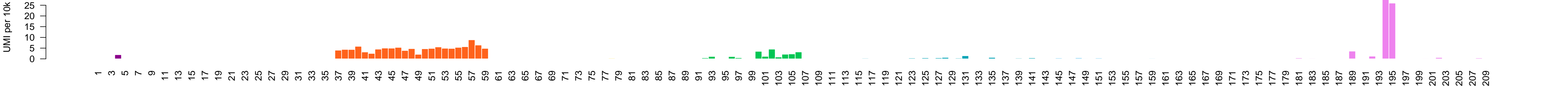**Myb.HG7.0:BDP1 | 1.0**
Tadh_TriadG59457

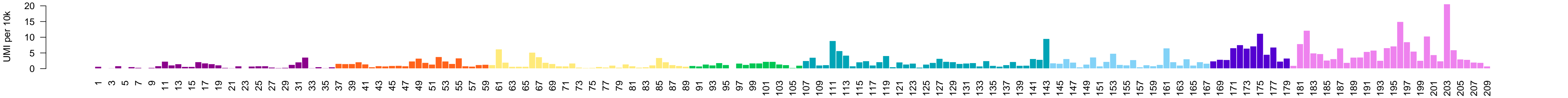Tesmin_TSO1−like.HG1.1:LIN54/TESMIN | 79.0
Tadh_TriadG59682

GATA.HG1.3:like:GATA1/GATA2/GATA3/GATA4/GATA5/GATA6/TRPS1 | 100.0
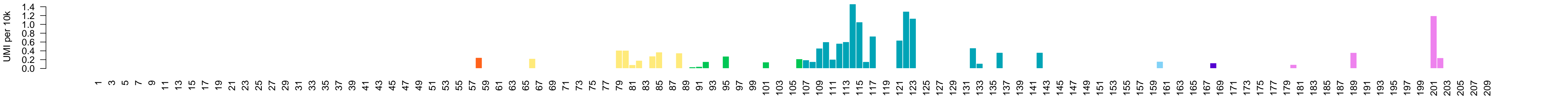Tadh_TriadG59720

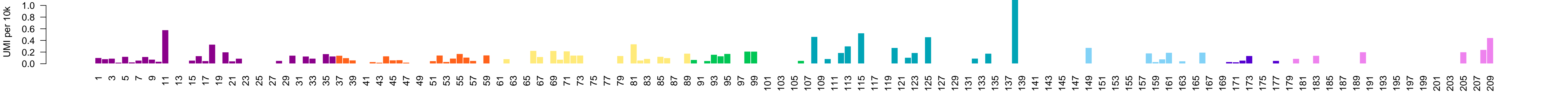T−box.HG1.12:TBX2/TBX3 | 94.0
Tadh_TriadG59753

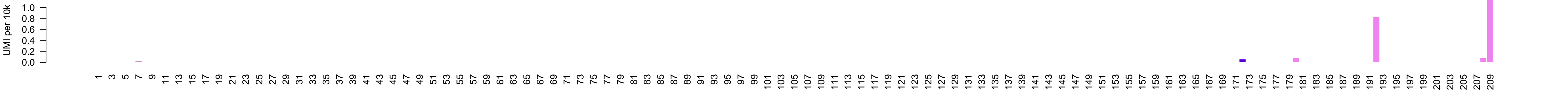**HLH.HG1.19:like:NEUROD1/NEUROD2/NEUROD4/NEUROD6 | 100.0**
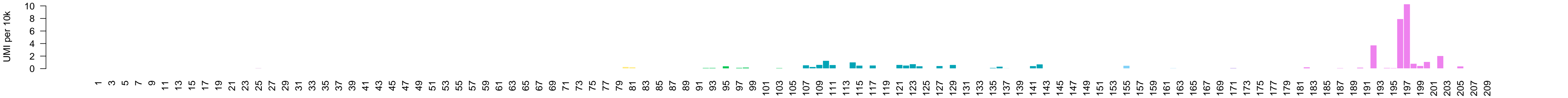**Tadh_TriadG59765**

MADS−box_SRF.HG1.3:SRF | 87.0
Tadh_TriadG59812

MADS−box_SRF.HG1.3:SRF | 87.0
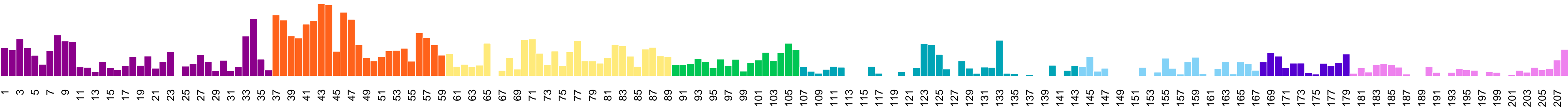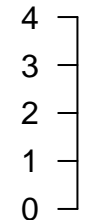**Tadh_TriadG59813**

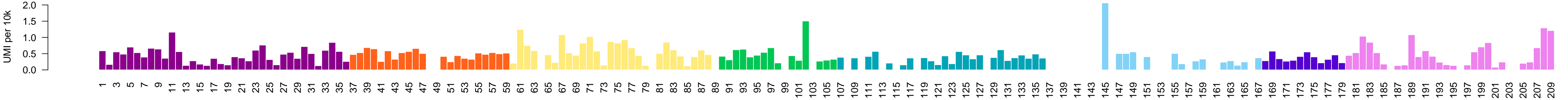Homeodomains.HG4.15:MEIS1/MEIS2/MEIS3 | 100.0
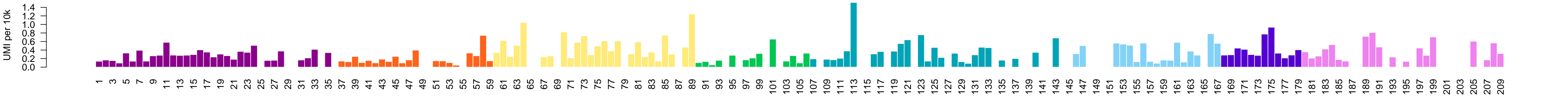Tadh_TriadG59844

HMGbox_Sox.HG1.10:TFAM | 88.0
Tadh_TriadG59858

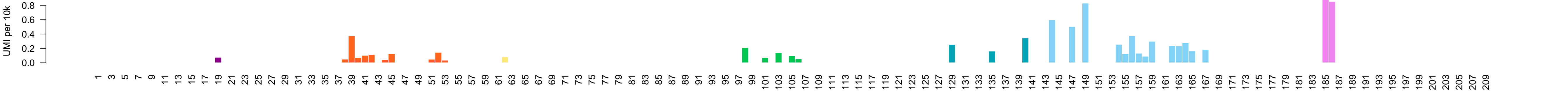**zf-met.HG10.0:ZMAT2 | 1.0**
Tadh_TriadG59979

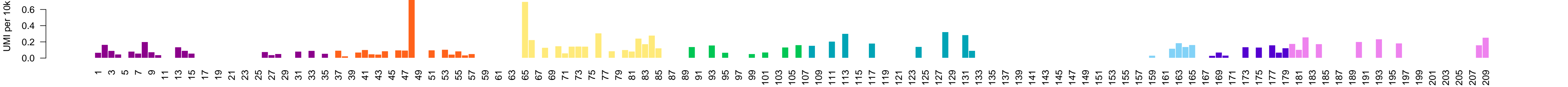HLH.HG2.21:MITF/TFE3/TFEB/TFEC | 98.0
Tadh_TriadG60032

bZIP.HG1.0:like:BACH1/BACH2/MAF/MAFA/MAFB/MAFF/MAFG/MAFK/NFE2/NFE2L1/NFE2L2/NFE2L3/NRL | 100.0
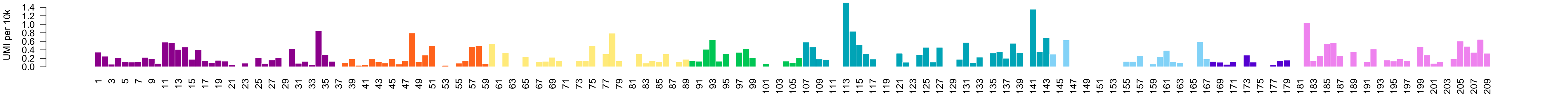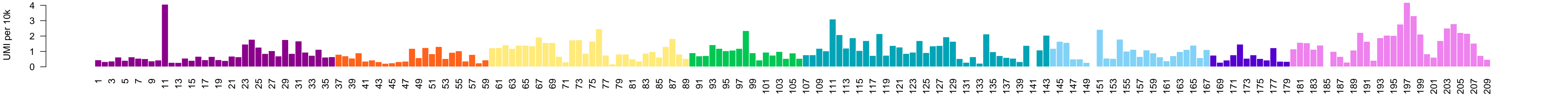
Tadh_TriadG60298
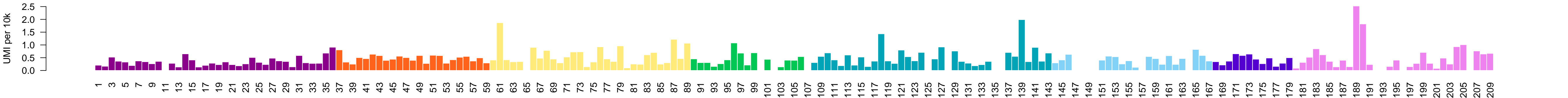
zf-met.HG88.0:NA | 1.0
Tadh_TriadG60465
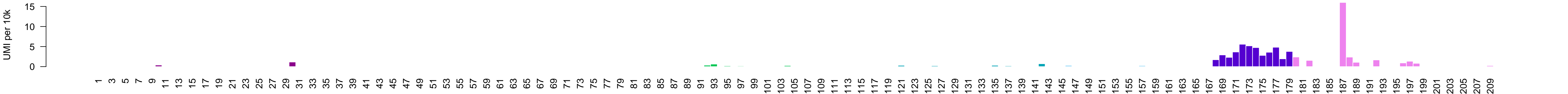
zf−met.HG15.0:SCAPER | 1.0
Tadh_TriadG60496

bZIP.HG1.1:BACH1/BACH2/NFE2/NFE2L1/NFE2L2/NFE2L3 | 100.0
Tadh_TriadG60616

bZIP.HG1.6:ATF2/ATF7/ATF7-NPFF/CREB5 | 100.0
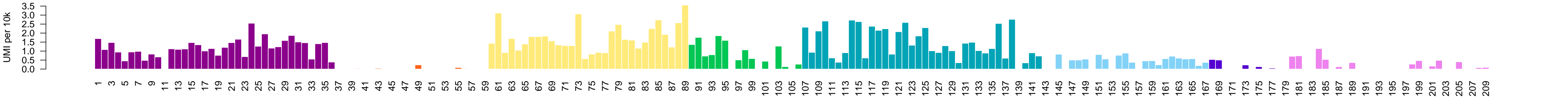Tadh_TriadG60644

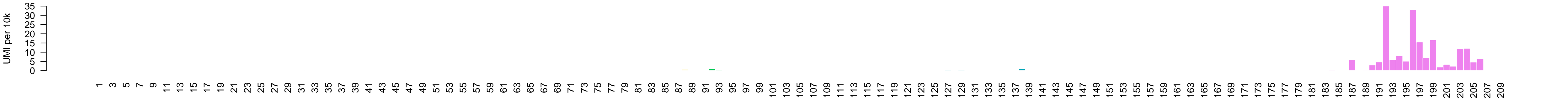Homeodomains.HG3.20:like:EN1/EN2 | 22.0
Tadh_TriadG60748

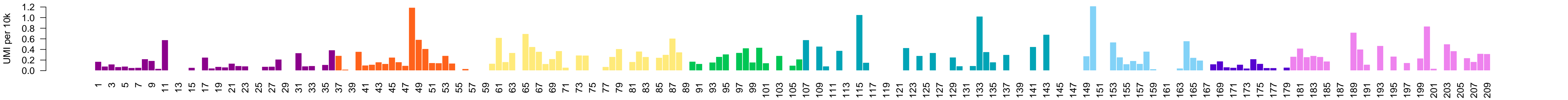HLH.HG3.2:BHLHE40/BHLHE41/HELT/HEY1/HEY2/HEYL | 51.0
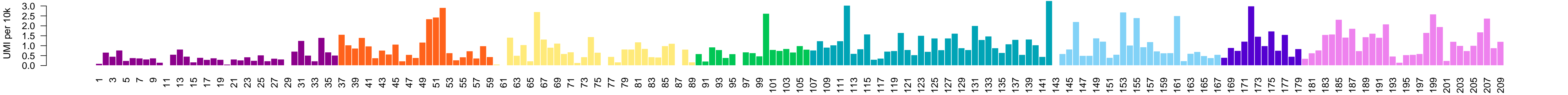Tadh_TriadG61134

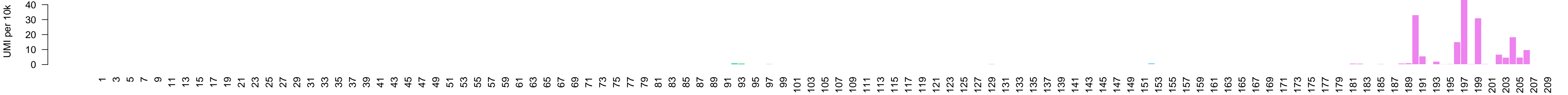zf−C2H2.HG45.1:INSM1/INSM2 | 100.0
Tadh_TriadG61203

Myb.HG1.1:NCOR1/NCOR2/RCOR1/RCOR2/RCOR3 | 99.0
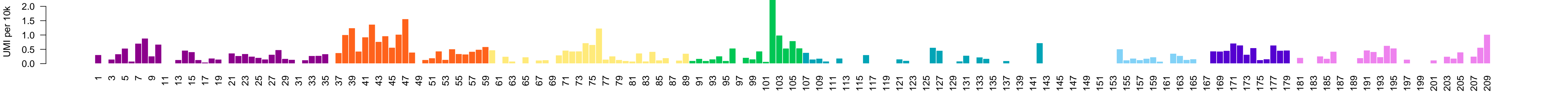Tadh_TriadG61318

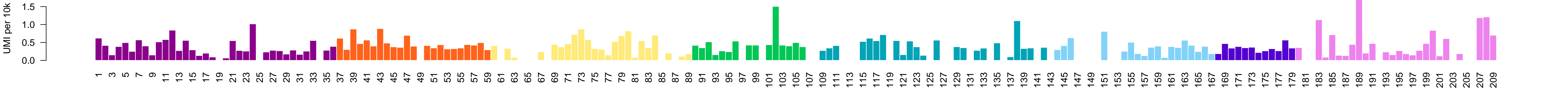HLH.HG2.19:MXD1/MXD3/MXD4/MXI1 | 99.0
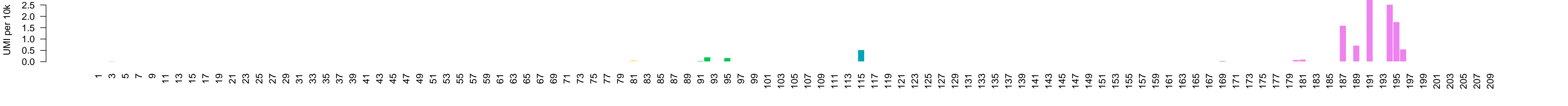Tadh_TriadG61425

bZIP.HG6.0:NA | 1.0
Tadh_TriadG61467

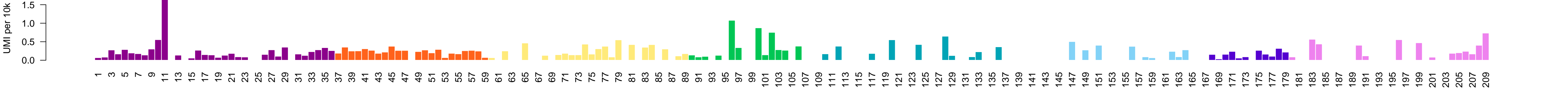mTERF.HG1.0:MTERF3/MTERF4 | 23.0
Tadh_TriadG61872

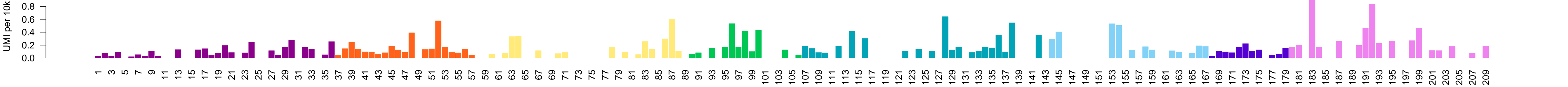**TFIIA.HG1.0:GTF2A1/GTF2A1L/STON1−GTF2A1L | 1.0**
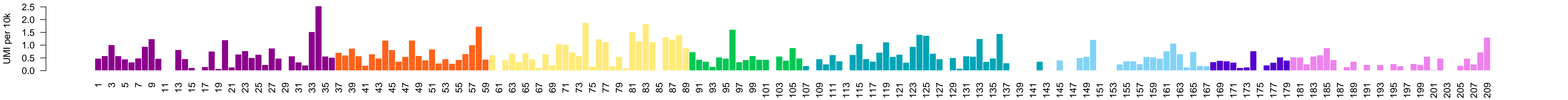**Tadh_TriadG61892**

bZIP.HG3.2:like:DBP/HLF/TEF | 90.0
Tadh_TriadG61920

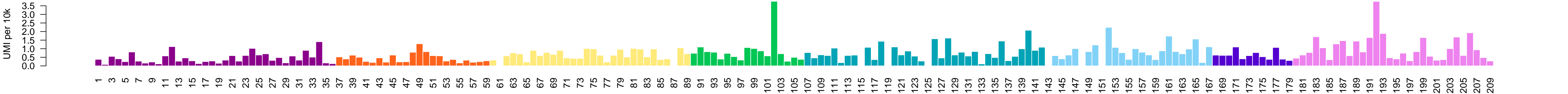zf−met.HG22.0:NA | 1.0
Tadh_TriadG62010

TFIIB.HG1.2:BRF1 | 100.0
Tadh_TriadG62066
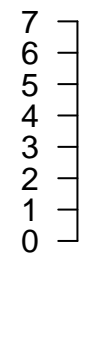
HLH.HG2.9:USF1/USF2 | 99.0
Tadh_TriadG62099

HLH.HG2.3:SREBF1/SREBF2 | 100.0
Tadh_TriadG62233

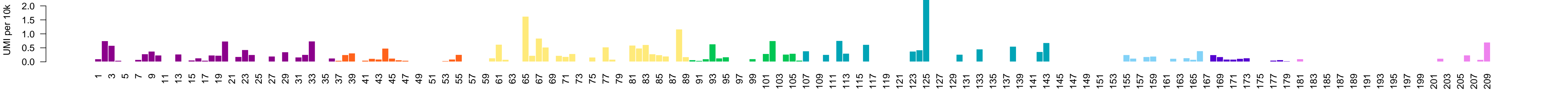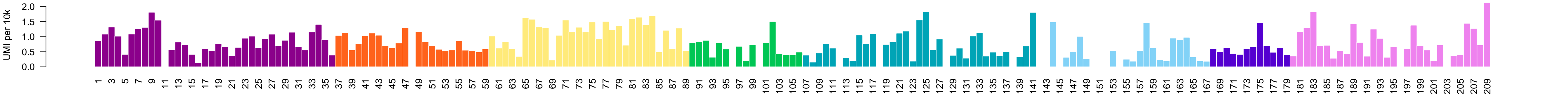**Doublesex_DM.HG1.4:like:DMRT1/DMRT2/DMRT3/DMRTA1/DMRTA2/DMRTB1/DMRTC2 | 43.0**
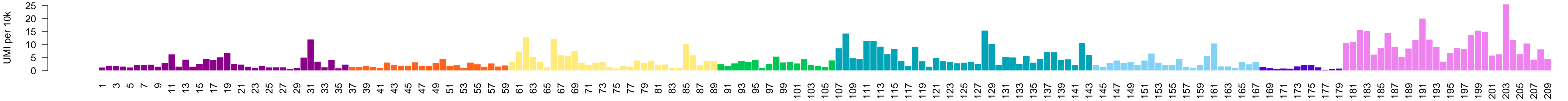**Tadh_TriadG62297**

E2F_TDP.HG1.6:E2F7/E2F8 | 99.0
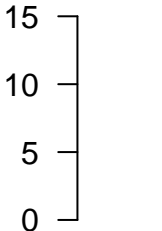**Tadh_TriadG6275**

zf−met.HG11.0:SF3A2 | 1.0
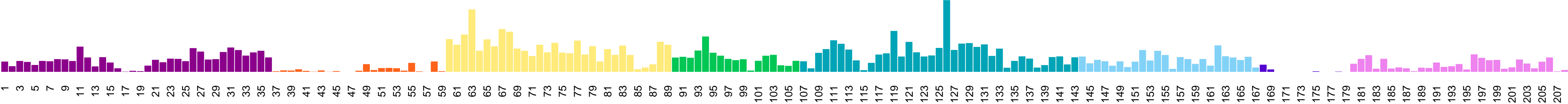Tadh_TriadG63497

bZIP.HG4.0:ATF4/ATF5 | 1.0
Tadh_TriadG63596

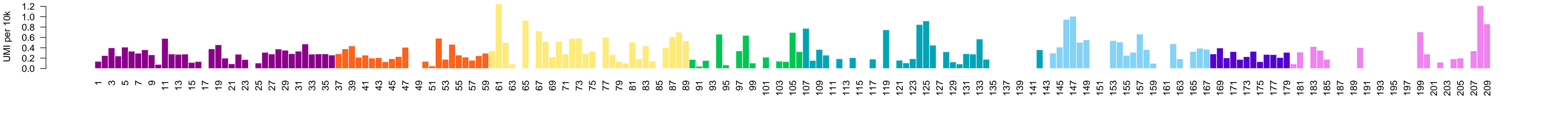**IRF.HG1.3:IRF1/IRF2 | 37.0**
Tadh_TriadG63874

P53.HG1.3:TP53/TP63/TP73 | 45.0
Tadh_TriadG64021
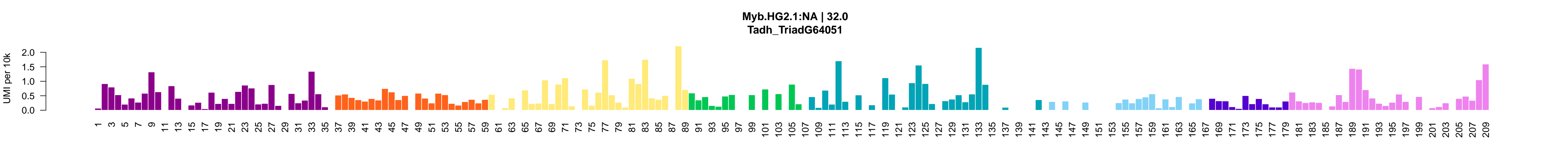
CSD.HG1.7:YBX1/YBX2/YBX3 | 97.0
Tadh_TriadG64023

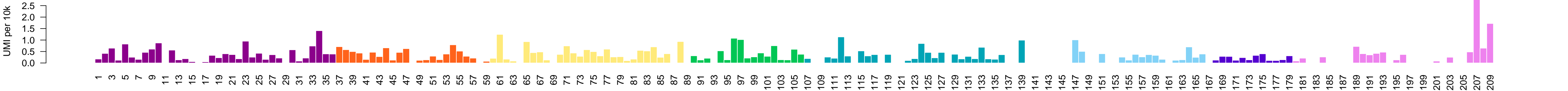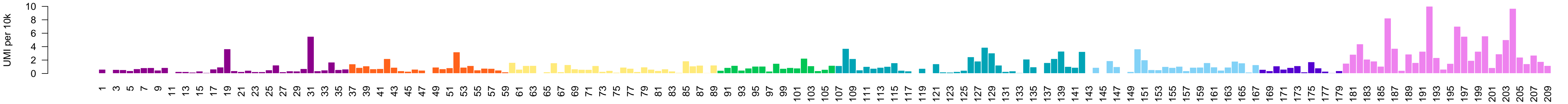Myb.HG2.1:NA | 32.0
Tadh_TriadG64051
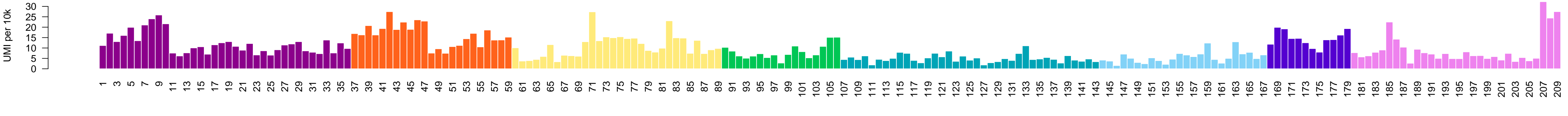
bZIP.HG1.5:JUN/JUNB/JUND | 68.0
Tadh_TriadG64084
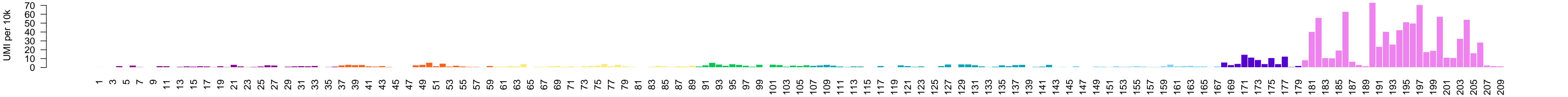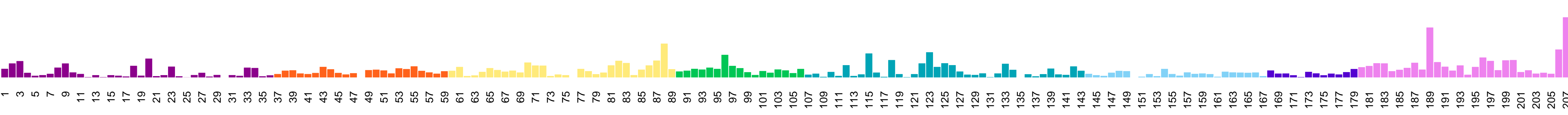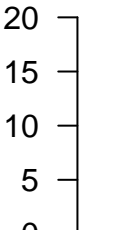
HMGbox_Sox.HG1.18:SSRP1 | 25.0
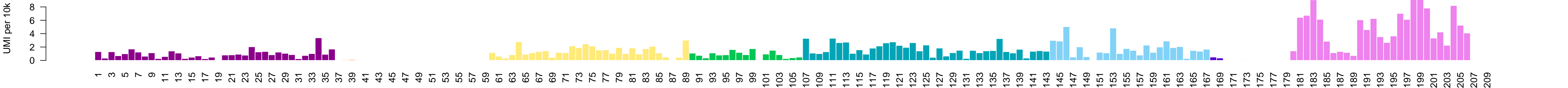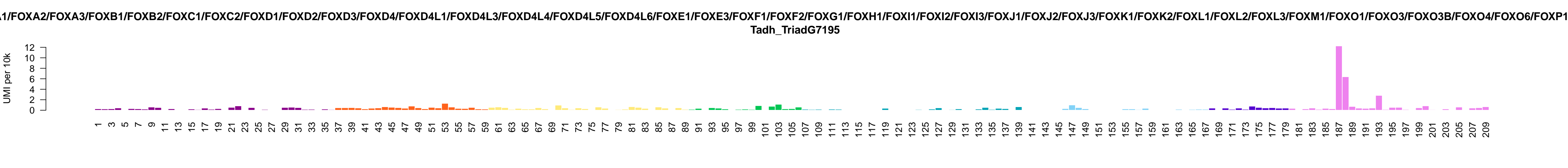**Tadh_TriadG64155**

bZIP.HG2.2:XBP1 | 98.0
Tadh_TriadG64159

NFYB_NFYC.HG2.1:H2AC1/H2AC4/H2AC6/H2AC7/H2AC8/H2AC11/H2AC12/H2AC13/H2AC14/H2AC15/H2AC16/H2AC17/H2AC18/H2AC19/H2AC20/H2AC21/H2AJ/H2AW/H2AX | 61.0
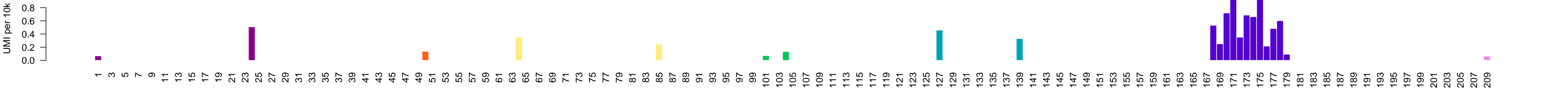
Tadh_TriadG64252

zf−C2H2.HG38.0:FEZF1/FEZF2;zf−met.HG61.0:NA | 1.0
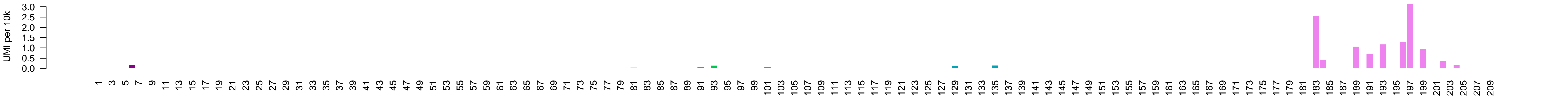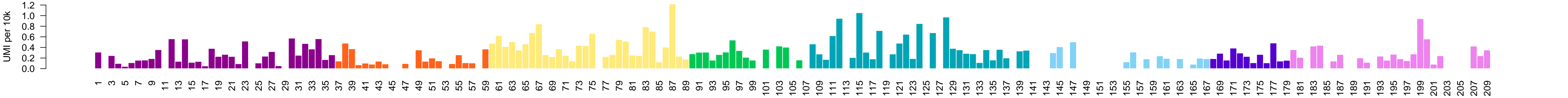**Tadh_TriadG7089**

Tadh_TriadG7195

zf−C2H2.HG57.2:like:CTCF/CTCFL;zf−met.HG1.79:like:RREB1 | 36.0;97.0
Tadh_TriadG7285

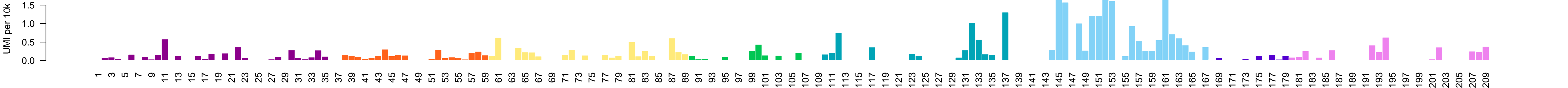HLH.HG1.67:ASCL3/ASCL4/ASCL5 | 100.0
Tadh_TriadG7436

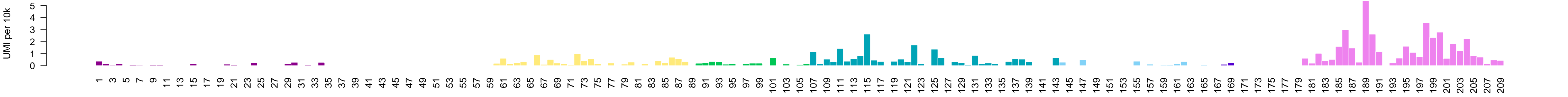zf−C2H2.HG12.11:SP1/SP2/SP3/SP4 | 55.0
Tadh_TriadG7637

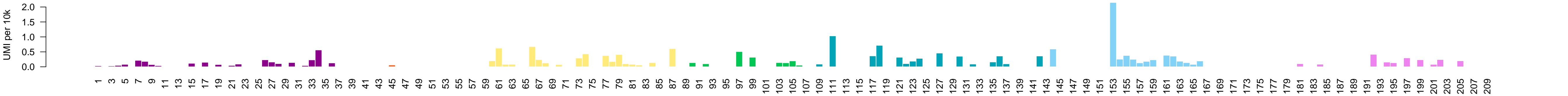zf−C2H2.HG16.1:SCRT1/SCRT2/SNAI1/SNAI2/SNAI3;zf−met.HG1.0:GFI1/SNAI1/SNAI2/SNAI3 | 29.0;31.0
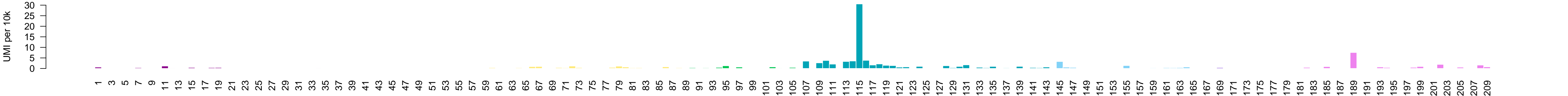
Tadh_TriadG7674

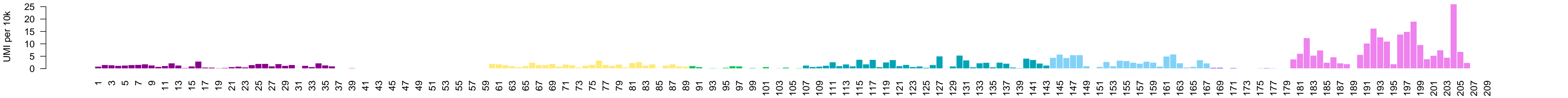**HLH.HG4.0:TCF3/TCF4/TCF12 | 1.0**
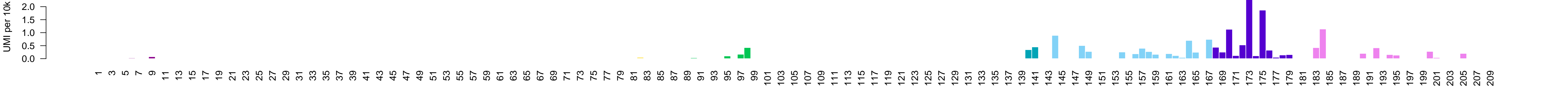**Tadh_TriadG8076**

zf−C2H2.HG10.14:ZNF652 | 24.0
Tadh_TriadG8204

zf−C2H2.HG12.0:like:KLF9/KLF13/KLF16/SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9;zf−met.HG14.0:NA | 1.0;67.0
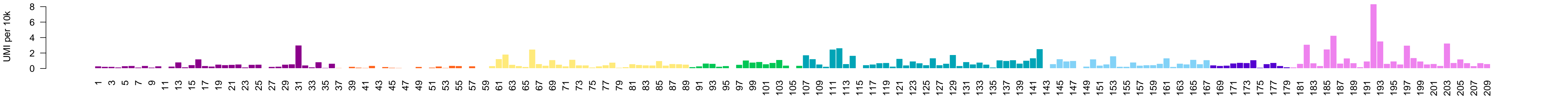Tadh_TriadG8990

zf-C2H2.HG93.0:ZNF80 | 1.0
Tadh_TriadG9064

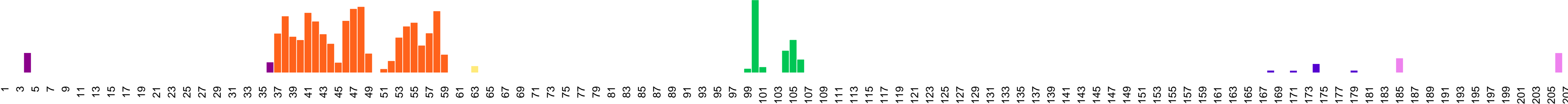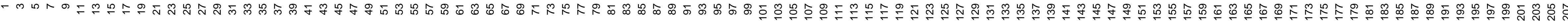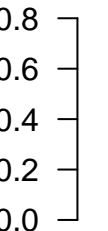**Homeodomains.HG2.4:like:HHEX/LBX1/LBX2/VENTX | 26.0**
Tadh_TriadG9178

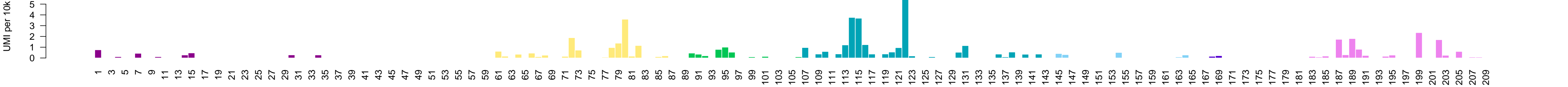bZIP.HG3.13:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG | 50.0
Tadh_TriadG9287

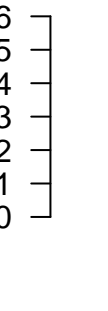**HLH.HG1.20:NEUROD1/NEUROD2/NEUROD4/NEUROD6 | 98.0**
Tadh_TriadG9345

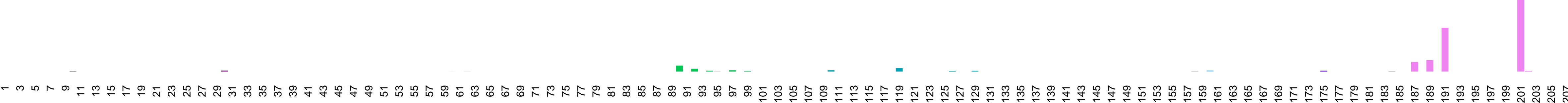**HLH.HG1.2:PTF1A | 100.0**
Tadh_TriadG9370

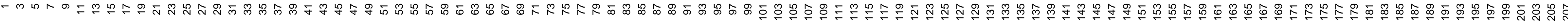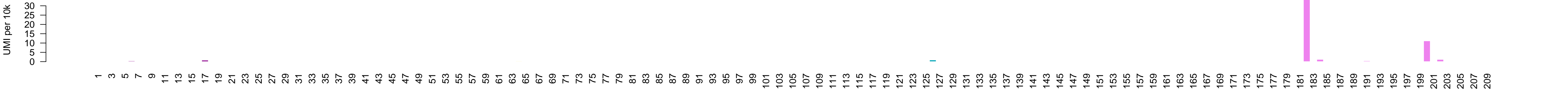Homeodomains.HG1.73:ARX/PHOX2A/PHOX2B | 17.0
Tadh_TriadG9432

HLH.HG1.19:like:NEUROD1/NEUROD2/NEUROD4/NEUROD6 | 100.0
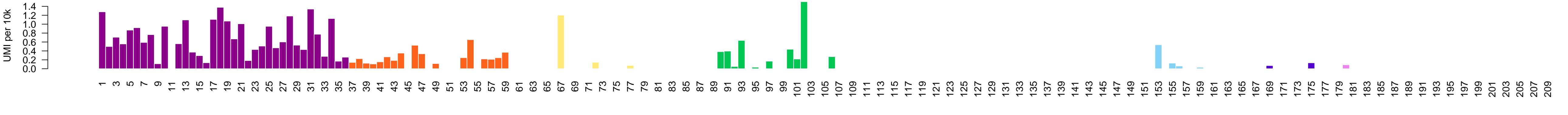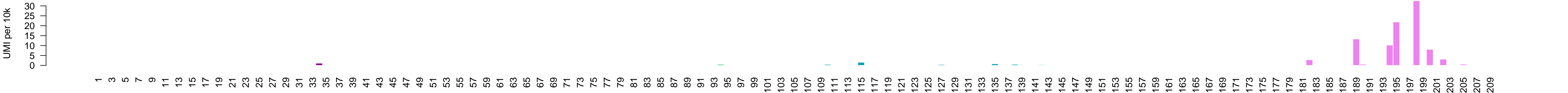**Tadh_TriadG9440**

Homeodomains.HG1.10:like:DUX4/DUXA/DUXB/ISX/MIXL1/SEBOX | 74.0
Tadh_TriadG9493

Homeodomains.HG2.6:HHEX | 93.0
Tadh_TriadG9560

Homeodomains.HG1.72:OTP | 99.0
Tadh_TriadG9570

Doublesex_DM.HG1.14:DMRTA1/DMRTA2 | 87.0
Tadh_TriadG9574