

Nvec_vc1.1_XM_001628318.3

OG: Myb.HG2.2:NA

PFAM: MADF_DNA_bdg

archetype: ARCH153_Msantd2_Rcor1/Rcor2...

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_001628635.3 (PAX3/7)

OG: Homeodomains.HG2.28:PAX3/PAX7

PFAM: PAX/Homeodomain

archetype: PAX3/7_241030_streme

archetype family: Pax/Homeodomain

assignment: dapseq



Nvec_vc1.1_XM_001637115.3

OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F

PFAM: Forkhead

archetype: ARCH983_Foxd2/Foxd4/Foxd3/F...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_032371032.2

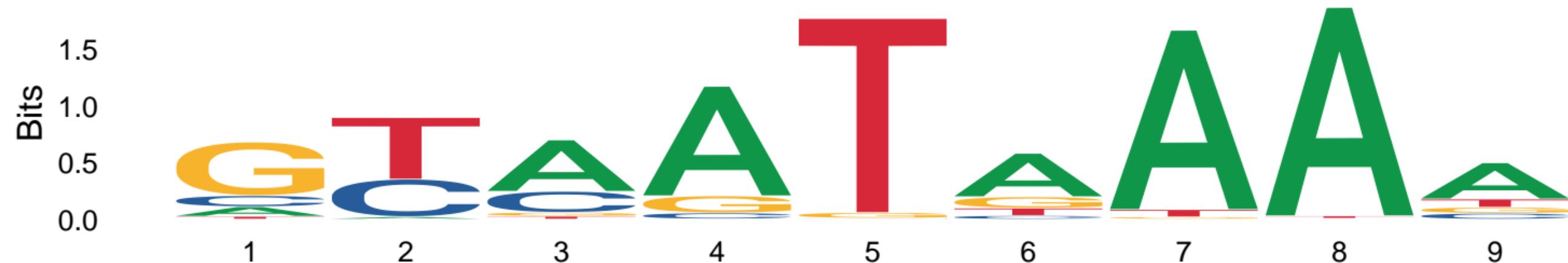
OG: Homeodomains.HG2.70:ARX

PFAM: Homeodomain/OAR

archetype: ARCH1025_Hoxa1/Hoxb1/Hoxd1

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032371744.2

OG: Doublesex_DM.HG1.12:DMRTA1/DMRTA2/DMRTB1

PFAM: DM/DMA

archetype: Nvec_vc1.1_XM_032371744.2_Doublesex_DM.HG1.12:DMRTA1/DMRTA2/

archetype family: Doublesex_DM

assignment: dapseq



Nvec_vc1.1_XM_032372025.2

OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCO

PFAM: HLH/PAS/PAS_11

archetype: ARCH1068_bHLH122

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032374008.2
OG: HLH.HG1.92:like:SCX/TCF15
PFAM: HLH
archetype: ARCH1068_bHLH122
archetype family: HLH
assignment: archetype



Nvec_vc1.1_XM_032375107.2

OG: Homeodomains.HG1.44:EMX1/EMX2

PFAM: Homeodomain

archetype: ARCH1546_Meis3/Meis2/Meis1_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032375349.2

OG: HLH.HG1.50:HES3

PFAM: HLH

archetype: M01726_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_032376092.2

OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN21

PFAM: Myb_DNA-bind_4

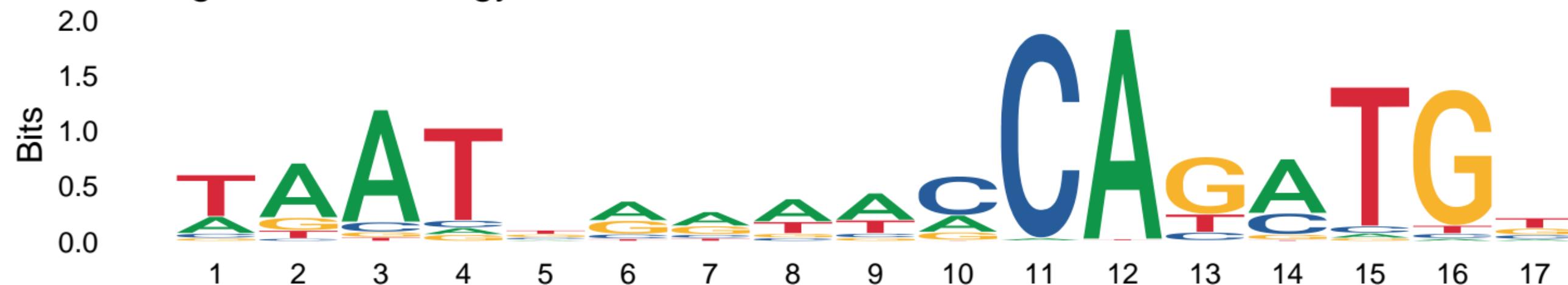
archetype: ARCH1387_MYB105

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_032384433.2
OG: HLH.HG1.86:TWIST1/TWIST2
PFAM: HLH
archetype: M08766_2.00
archetype family: HLH
assignment: orthology



Nvec_vc1.1_XM_032384492.2
OG: HLH.HG1.93:like:SCX/TCF15
PFAM: HLH
archetype: ARCH144_BHLHE23
archetype family: HLH
assignment: archetype



Nvec_vc1.1_XM_032385496.2 (PTF1a)

OG: HLH.HG1.91:like:FERD3L/PTF1A

PFAM: HLH

archetype: M05990_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_032385905.2

OG: zf-C2H2.HG1.3:ZBTB3

PFAM: zf-C2H2

archetype: ARCH1368_M04483_2.00__M0448...

archetype family: zf-C2H2

assignment: archetype



Nvec_NVE19743

OG: HLH.HG1.55:like:TCF23/TCF24

PFAM: HLH

archetype: Nvec_NVE19743_HLH.HG1.55:like:TCF23/TCF24_241030_streme

archetype family: HLH

assignment: dapseq



Nvec_NVE23841 (SoxB2/Sox3)

OG: HMGbox_Sox.HG1.34:SRY

PFAM: HMG_box

archetype: ARCH1153_/Sox4/Sox11_Sox13/...

archetype family: HMGbox_Sox

assignment: archetype



Nvec_NVE7697

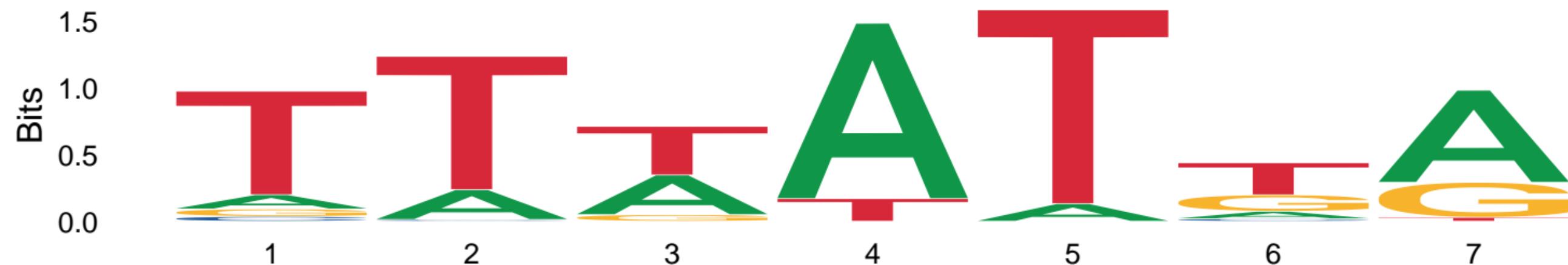
OG: Homeodomains.HG2.24:like:LEUTX

PFAM: Homeodomain

archetype: ARCH242_Hlx

archetype family: Homeodomains

assignment: archetype



Nvec_v1g19278 (Klf13)

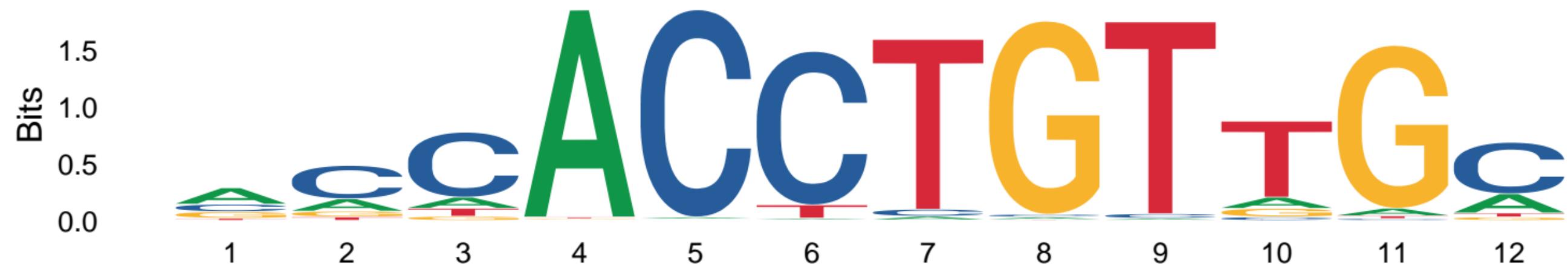
OG: zf-C2H2.HG2.12:KLF9/KLF13/KLF14/KLF16

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH861_Scrt2/Scrt1

archetype family: zf-C2H2

assignment: archetype



Nvec_v1g210540

OG: HLH.HG1.68:like:ASCL3/ASCL4/ASCL5

PFAM: HLH

archetype: M04211_2.00

archetype family: HLH

assignment: orthology



Nvec_v1g241767

OG: bZIP.HG1.3:like:JUN/JUNB/JUND

PFAM: Jun

archetype: ARCH364_Creb3I2/Creb3I1_Cre...

archetype family: bZIP

assignment: archetype



Nvec_v1g244929

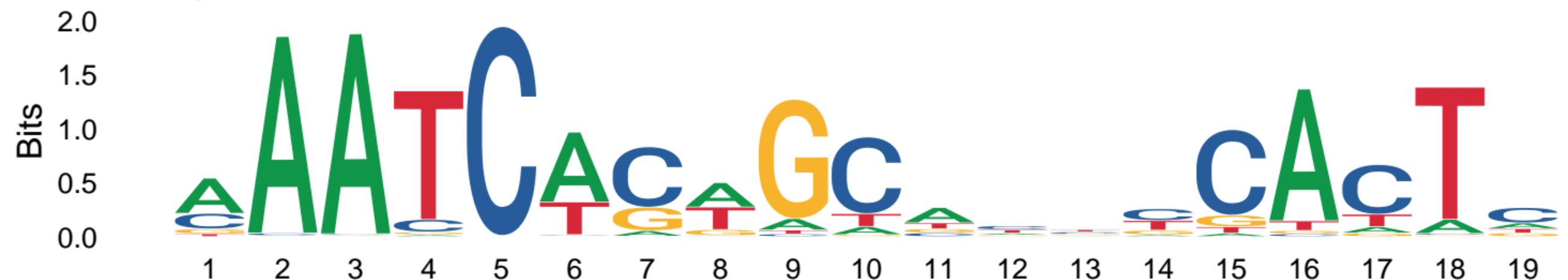
OG: zf-C2H2.HG1.14:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_v1g99666

OG: HLH.HG1.93:like:SCX/TCF15

PFAM: HLH

archetype: ARCH1533_BHLH112

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001618929.3

OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_11/zf-C2H2/zf-C2H2/zf-C2H2_

archetype: ARCH523_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001622271.3 (IRF1–2c)

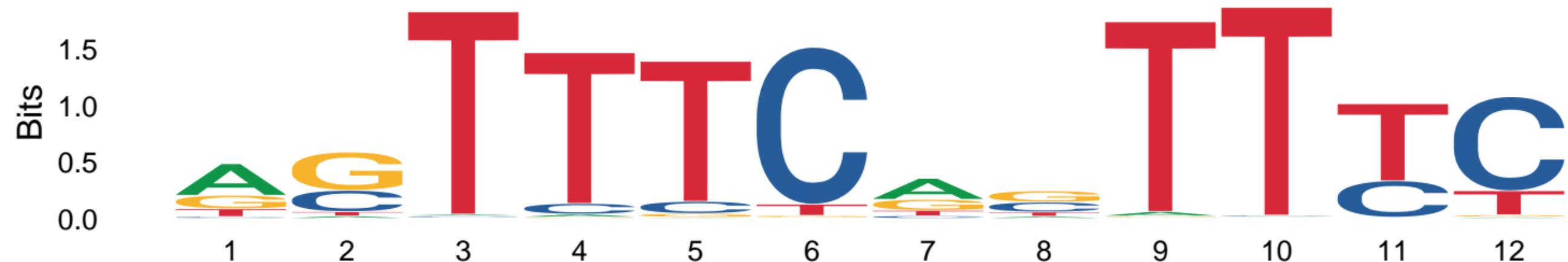
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9

PFAM: IRF

archetype: ARCH591_ISRE__IRF3__IRF8

archetype family: IRF

assignment: archetype



Nvec_vc1.1_XM_001623084.3 (Six4/5)

OG: Homeodomains.HG3.24:SIX4/SIX5

PFAM: SIX1_SD/Homeodomain

archetype: M06530_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_001623127.3

OG: Forkhead.HG1.31:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6

PFAM: Forkhead

archetype: ARCH1397_RBFox2__OCT:OCT-short

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_001623467.3

OG: bZIP.HG1.12:CREBZF

PFAM: bZIP_2

archetype: Nvec_vc1.1_XM_001623467.3_bZIP.HG1.12:CREBZF_241030_streme

archetype family: bZIP

assignment: dapseq



Nvec_vc1.1_XM_001623946.3

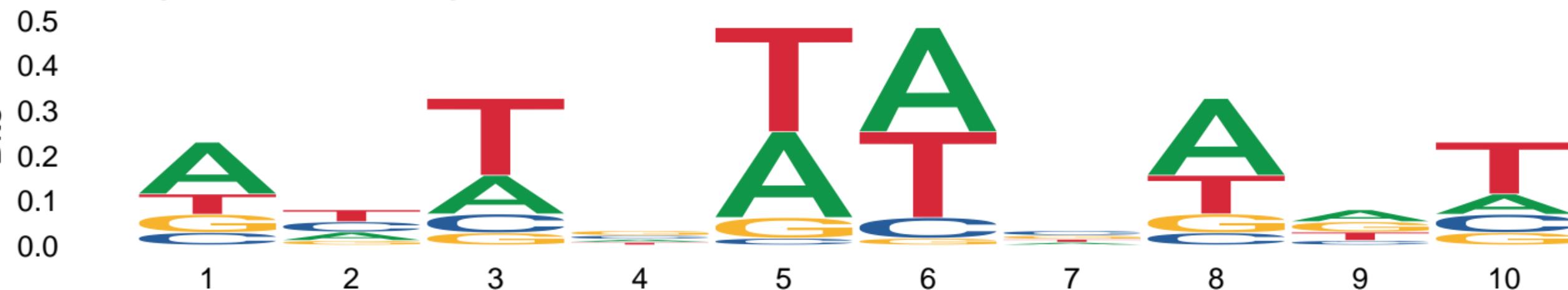
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB

PFAM: Homeodomain

archetype: M02082_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_001624046.3

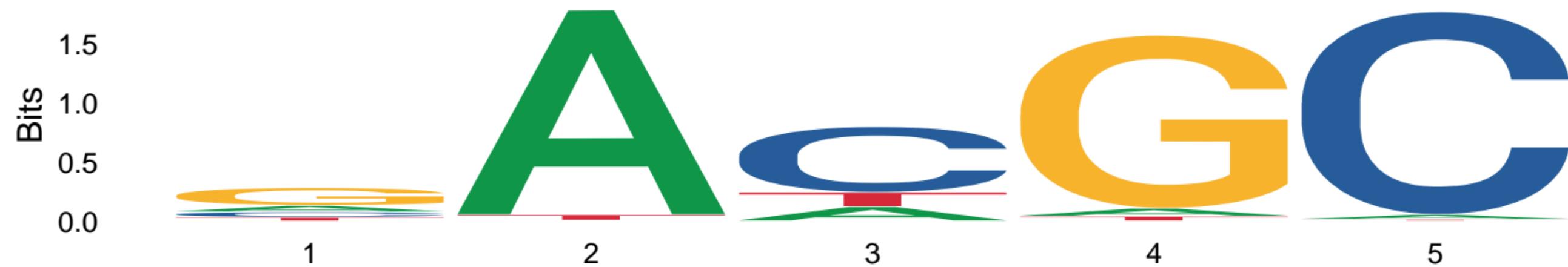
OG: Forkhead.HG1.33:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6

PFAM: Forkhead

archetype: ARCH954_Foxn4/Foxn1

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_001624560.3

OG: Homeodomains.HG2.3:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/C

PFAM: PAX/Homeodomain

archetype: M05417_2.00

archetype family: Pax/Homeodomain

assignment: orthology



Nvec_vc1.1_XM_001624689.3

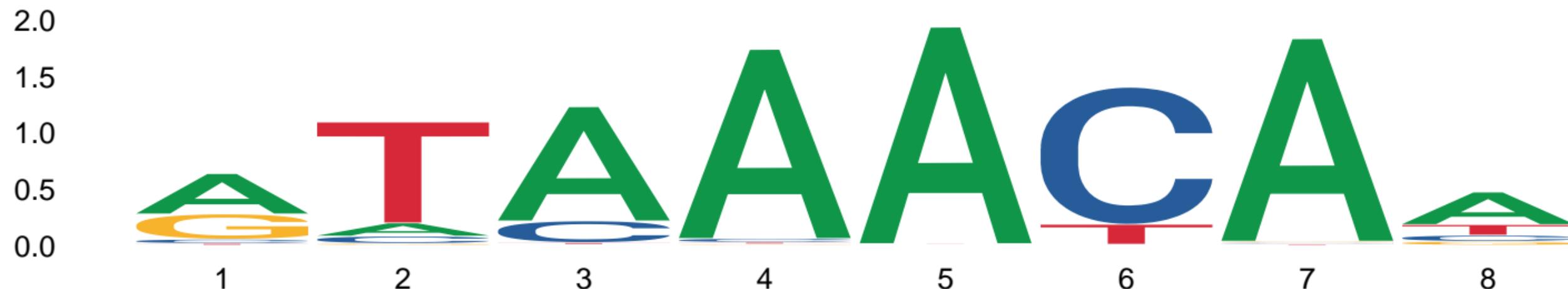
OG: Forkhead.HG1.26:FOXM1

PFAM: Forkhead

archetype: ARCH968_Foxa3/Foxa1/Foxa2_F...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_001624716.3 (NvSox1)

OG: HMGbox_Sox.HG1.35:SOX1/SOX2/SOX3/SOX14/SOX21

PFAM: HMG_box/SOXP

archetype: ARCH972_Sox5

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_001624941.3

OG: zf-C2H2.HG19.1:PRDM14

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH470_Snai2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001625109.3 (Six3/6)

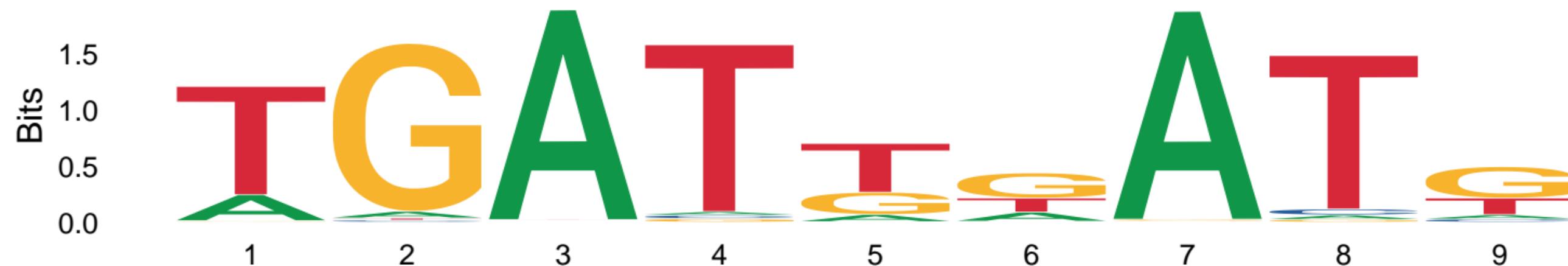
OG: Homeodomains.HG3.30:SIX3/SIX6

PFAM: SIX1_SD/Homeodomain

archetype: ARCH146_Alx3/Alx4/Alx1_Barx...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001625118.3

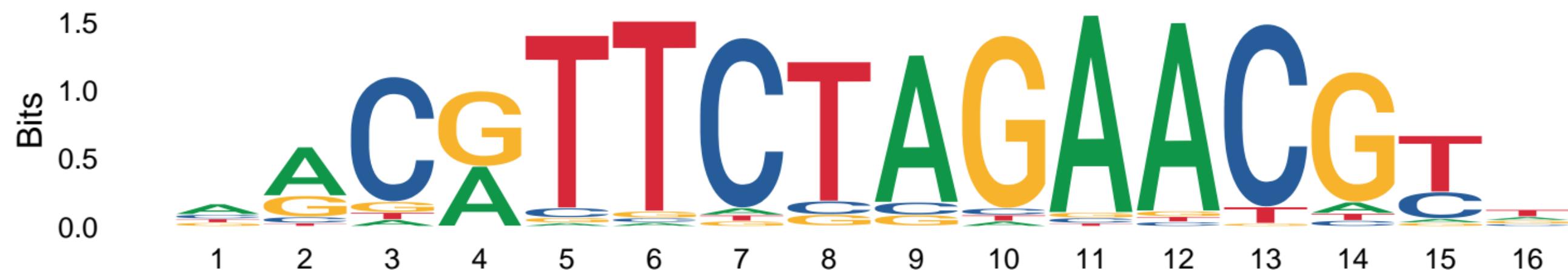
OG: HSF.HG1.0:like:HSF1/HSF2/HSF4/HSF5/HSFX1/HSFX2/HSFX3/HSFX4/HSFY1/H

PFAM: HSF_DNA-bind

archetype: M05519_2.00

archetype family: HSF

assignment: orthology



Nvec_vc1.1_XM_001625254.3

OG: HMGbox_Sox.HG1.55:TFAM/UBTFL1

PFAM: HMG_box/HMG_box

archetype: ARCH1170_/Sox4/Sox11_Sox13/...

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_001625437.3

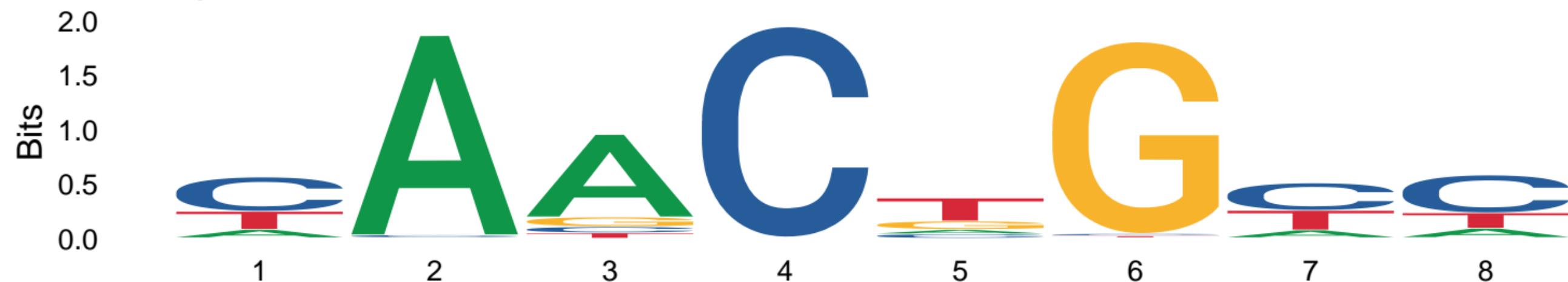
OG: Myb.HG2.3:NA

PFAM: MADF_DNA_bdg

archetype: ARCH1526_Mybl2/Myb/Mybl1

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_001625457.2

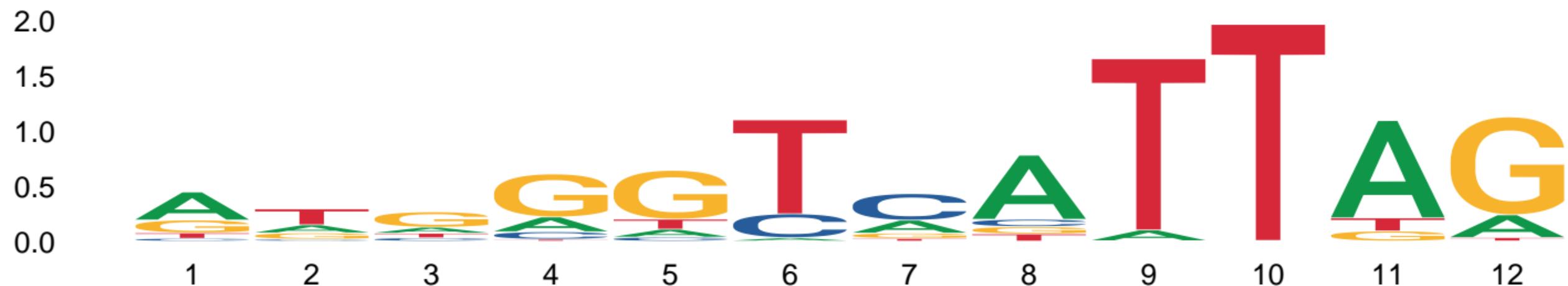
OG: Homeodomains.HG3.24:SIX4/SIX5

PFAM: SIX1_SD/Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001625588.3

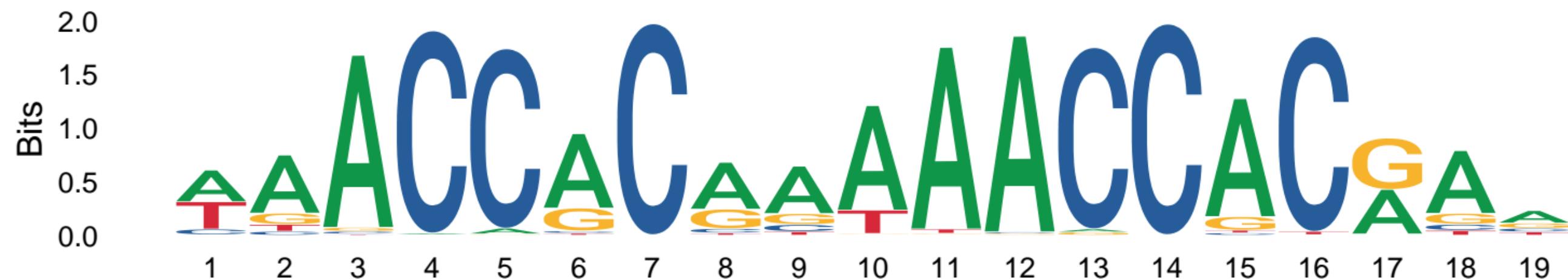
OG: Runt_Runx.HG1.0:RUNX1/RUNX2/RUNX3

PFAM: Runt

archetype: ARCH1267_Runx3/Runx2/Runx1

archetype family: Runt_Runx

assignment: archetype



Nvec_vc1.1_XM_001625754.3

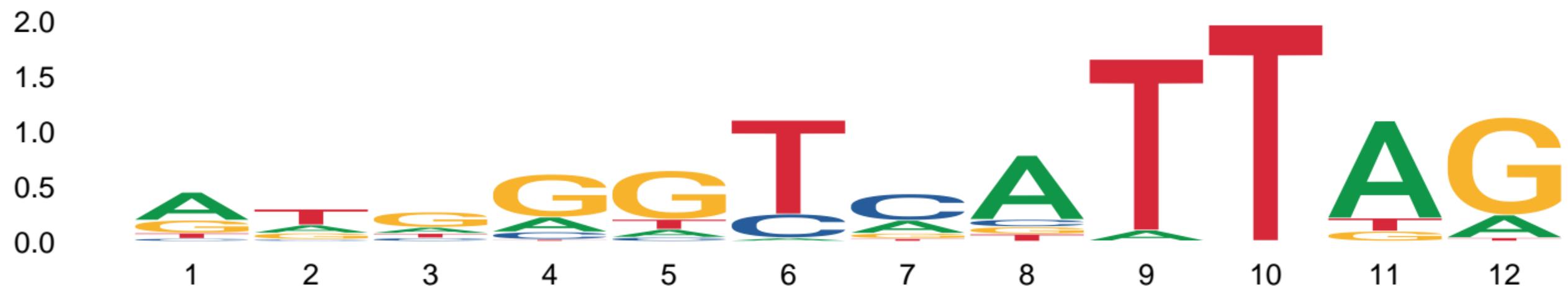
OG: Homeodomains.HG2.6:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/C

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001625768.3

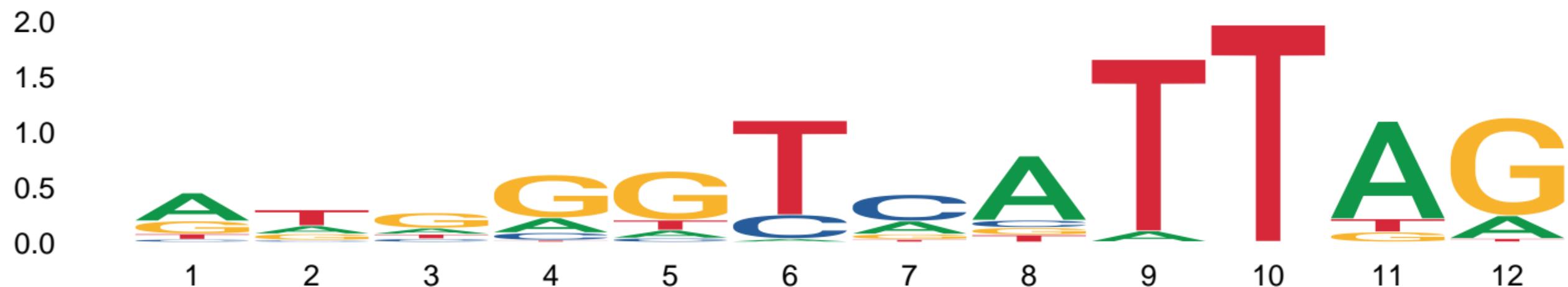
OG: Homeodomains.HG1.5:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/B

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001625898.3

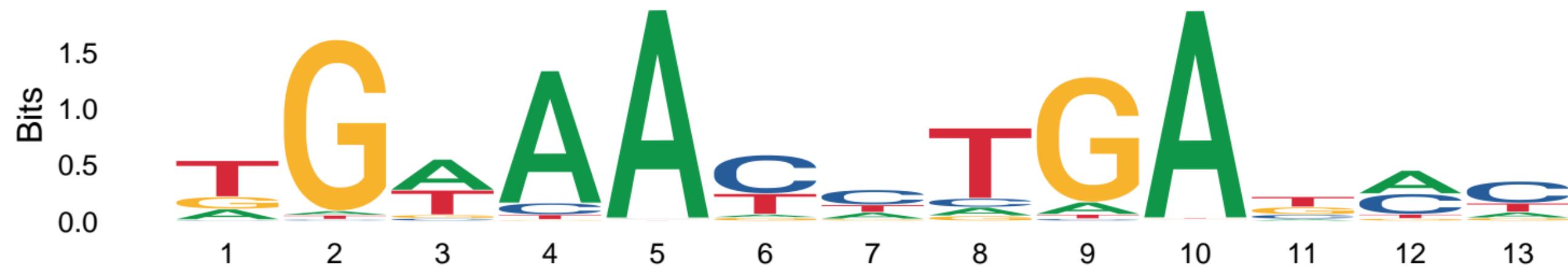
OG: Homeodomains.HG1.62:like:MEOX1/MEOX2

PFAM: Homeodomain

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001625899.3

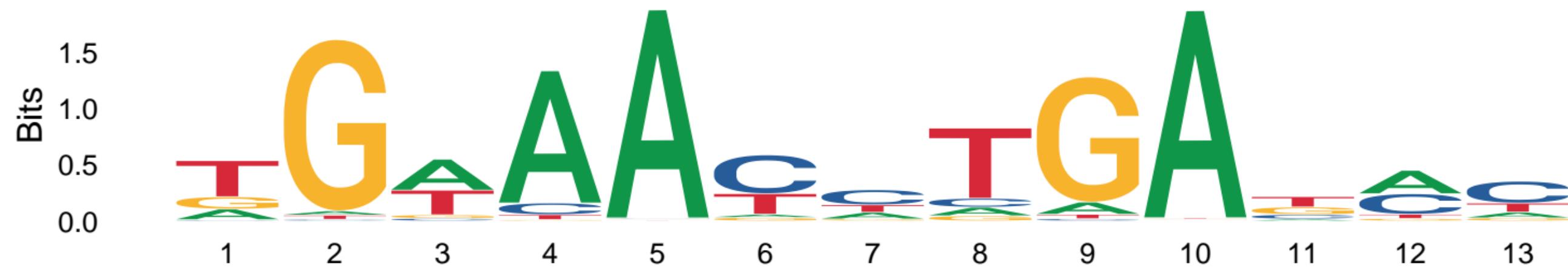
OG: Homeodomains.HG1.65:like:MEOX1/MEOX2

PFAM: Homeodomain

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001625950.3 (FoxC)

OG: Forkhead.HG1.10:FOXC1/FOXC2

PFAM: Forkhead

archetype: ARCH964_Foxc2/Foxc1_Foxg1/G...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_001625997.3

OG: Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX2-3/NKX2-4/NKX2-5/NKX2-6/NK

PFAM: Homeodomain

archetype: ARCH1504_Meis3/Meis2/Meis1_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001625998.3

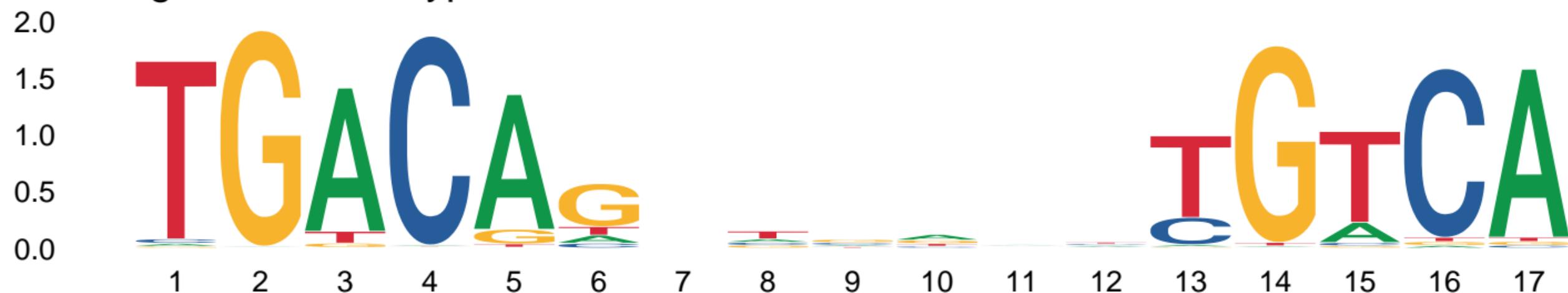
OG: Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX2-3/NKX2-4/NKX2-5/NKX2-6/NK

PFAM: Homeodomain

archetype: ARCH768_Meis3/Meis2/Meis1_P...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001626384.3

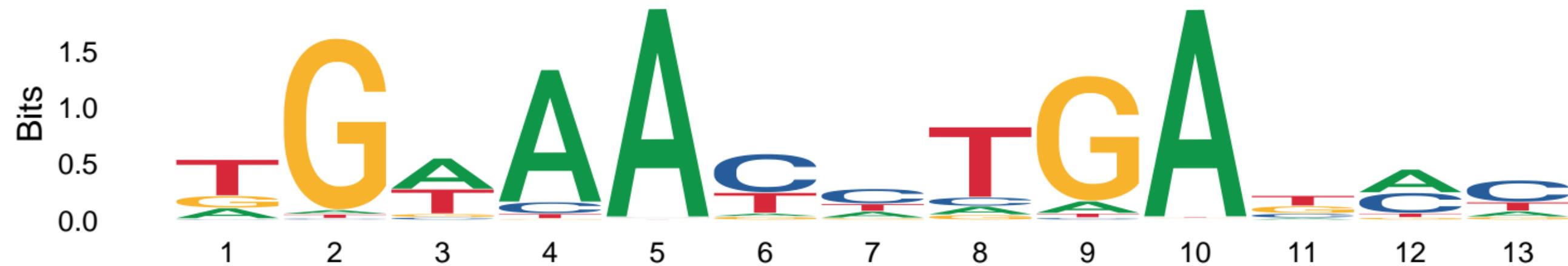
OG: Homeodomains.HG3.31:SIX1/SIX2

PFAM: SIX1_SD/Homeodomain

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001626717.3

OG: T-box.HG1.4:like:EOMES/TBR1/TBX19/TBX21/TBXT

PFAM: T-box

archetype: Nvec_vc1.1_XM_001626717.3_T-box.HG1.4:like:EOMES/TBR1/TBX19/TB

archetype family: T-box

assignment: dapseq



Nvec_vc1.1_XM_001626820.3

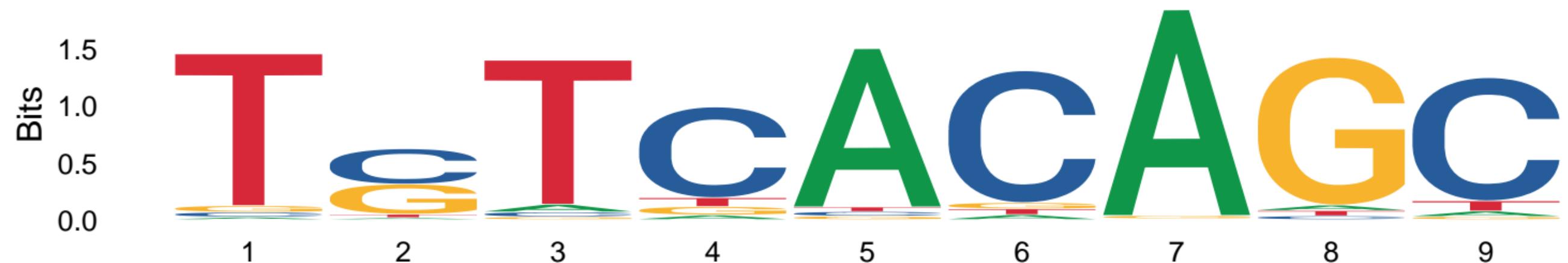
OG: T-box.HG1.2:like:MGA/TBX1/TBX2/TBX3/TBX4/TBX5/TBX6/TBX10/TBX15/TBX1

PFAM: T-box

archetype: ARCH755_Hth__TBX15

archetype family: T-box

assignment: archetype



Nvec_vc1.1_XM_001627049.3

OG: HLH.HG1.19:HELT

PFAM: HLH/Hairy_orange

archetype: Nvec_vc1.1_XM_001627049.3_HLH.HG1.19:HELT_241030_streme

archetype family: HLH

assignment: dapseq



Nvec_vc1.1_XM_001627072.3

OG: Forkhead.HG1.17:like:FOXI1/FOXI2/FOXI3/FOXL3

PFAM: Forkhead

archetype: ARCH964_Foxc2/Foxc1_Foxg1/G...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_001627136.3 (Tbx1/10–2)

OG: T-box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22

PFAM: T-box

archetype: ARCH862_Tbx18/Tbx22/Tbx15_T...

archetype family: T-box

assignment: archetype



Nvec_vc1.1_XM_001627361.3

OG: zf-C2H2.HG74.0:NA

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH419_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001627423.3

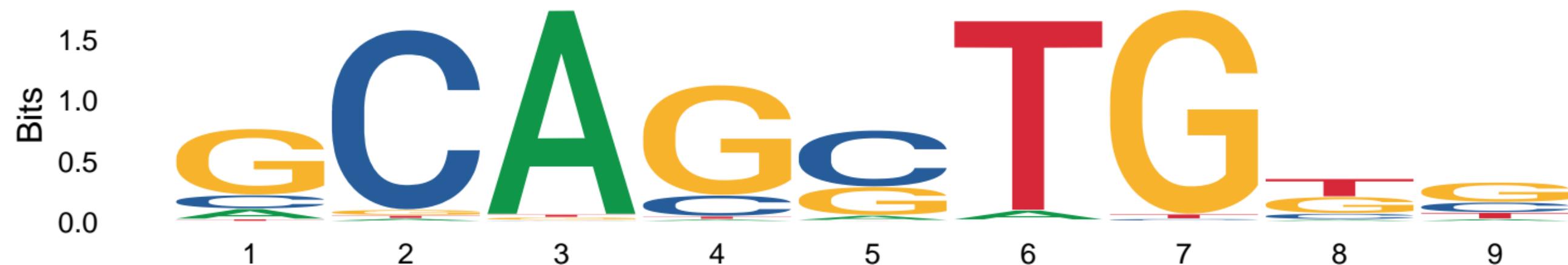
OG: HMGbox_Sox.HG1.10:BBX

PFAM: HMG_box

archetype: ARCH482_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_001627544.3

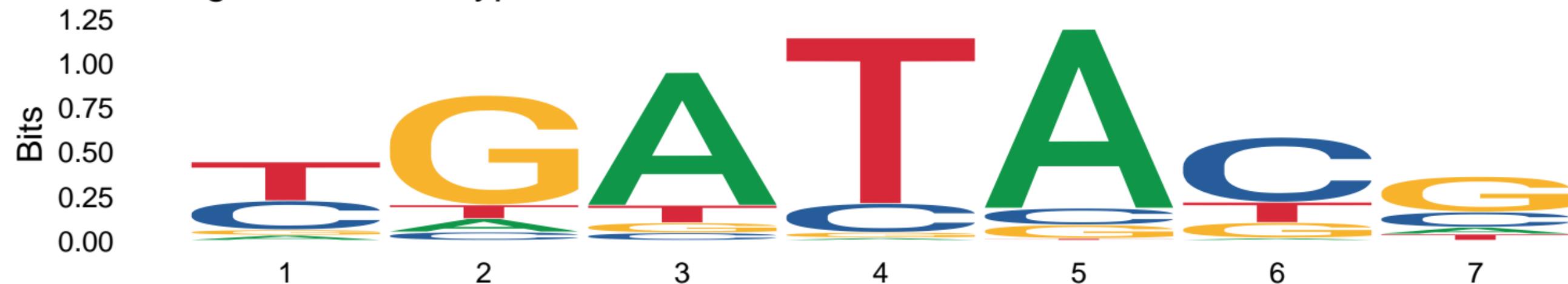
OG: Homeodomains.HG2.58:UNCX

PFAM: Homeodomain

archetype: ARCH637_Six1/_Six3/Six6_Six...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001627629.3

OG: Forkhead.HG1.30:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6

PFAM: Forkhead

archetype: ARCH829_PB0121.1_Foxj3_2

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_001627662.3
OG: E2F_TDP.HG1.3:E2F4/E2F5
PFAM: E2F_TDP/E2F_CC-MB
archetype: ARCH1058_Pdp1
archetype family: E2F_TDP
assignment: archetype



Nvec_vc1.1_XM_001627792.3

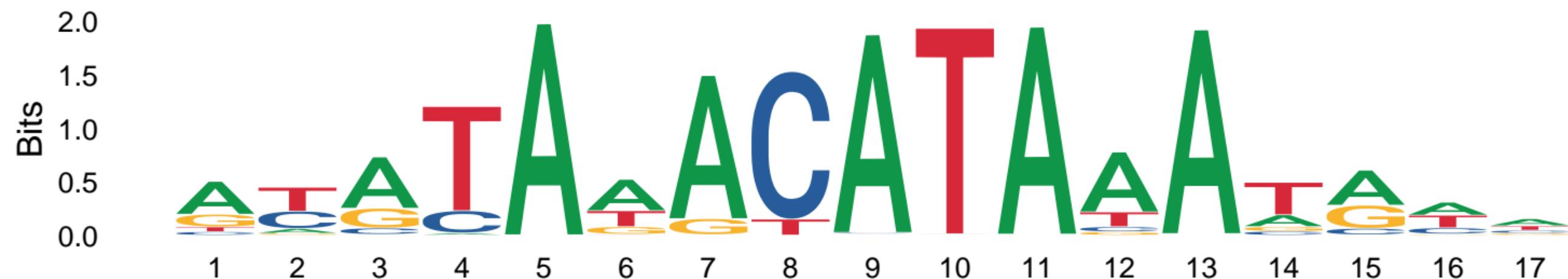
OG: Forkhead.HG1.12:FOXN1/FOXN4/FOXR1/FOXR2

PFAM: Forkhead

archetype: M04857_2.00

archetype family: Forkhead

assignment: orthology



Nvec_vc1.1_XM_001627907.3

OG: zf-C2H2.HG1.8:ZNF18/ZNF513/ZNF784/ZSCAN4/ZSCAN5A/ZSCAN5B

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1201_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001628041.3

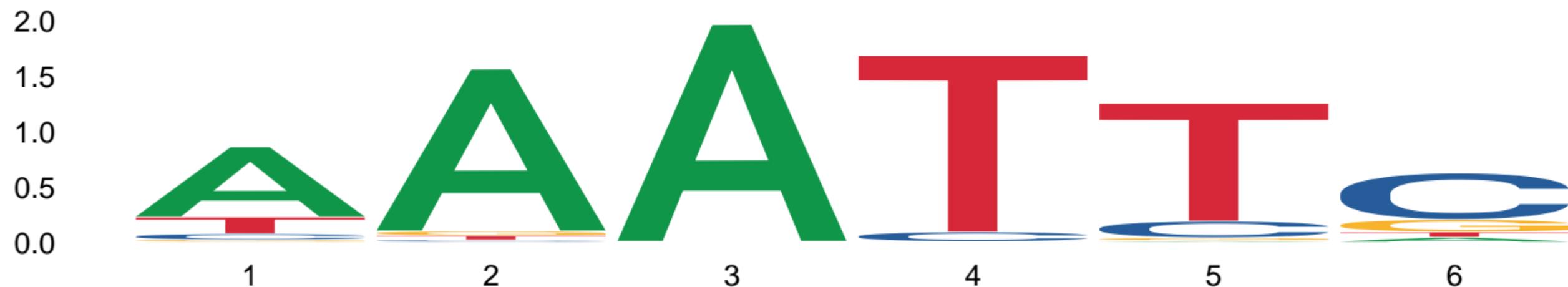
OG: HMGbox_Sox.HG1.24:HMGB1/HMGB2/HMGB3

PFAM: HMG_box_2/HMG_box

archetype: ARCH76_CES-1__PB0171.1_Sox18_2

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_001628045.2

OG: zf-C2H2.HG2.4:MTF1/ZNF76/ZNF143

PFAM: zf-C2H2/zf-C2H2

archetype: ARCH1256_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001628278.3

OG: HLH.HG1.75:like:ATOH8

PFAM: HLH

archetype: ARCH144_BHLHE23

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001628279.3

OG: HLH.HG1.76:ATOH8

PFAM: HLH

archetype: ARCH867_ZEB1__PL0011.1_hlh-...

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001628300.3

OG: HLH.HG1.84:NEUROG1/NEUROG2/NEUROG3

PFAM: HLH

archetype: M00588_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_001628319.3

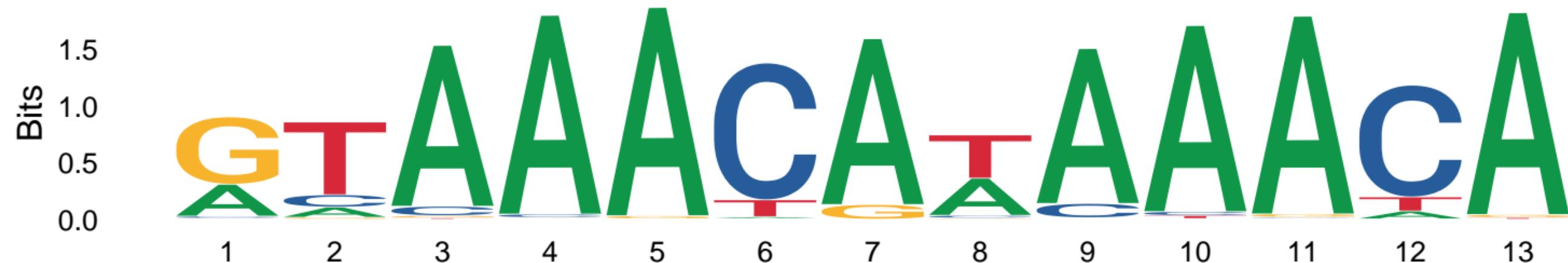
OG: Forkhead.HG1.25:FOXJ2/FOXJ3

PFAM: Forkhead

archetype: M03058_2.00

archetype family: Forkhead

assignment: orthology



Nvec_vc1.1_XM_001628481.3

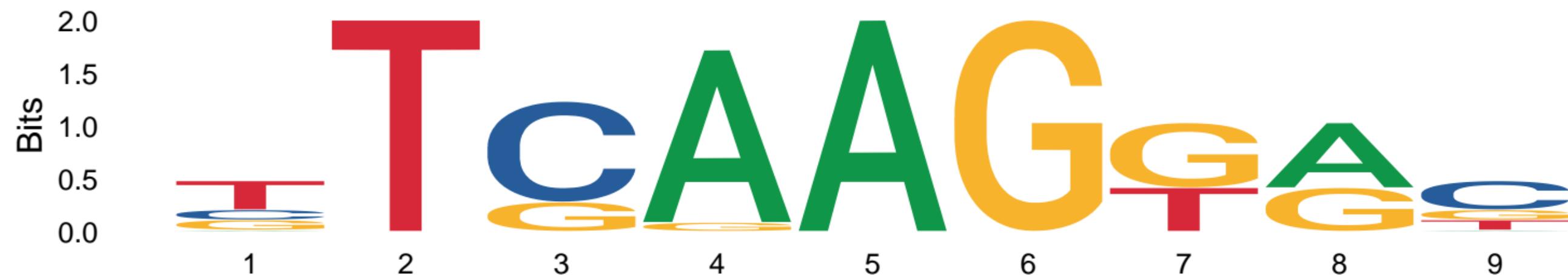
OG: Homeodomains.HG1.72:like:NOTO

PFAM: Homeodomain

archetype: ARCH1544_Nkx2–2/Nkx2–9

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001628634.3

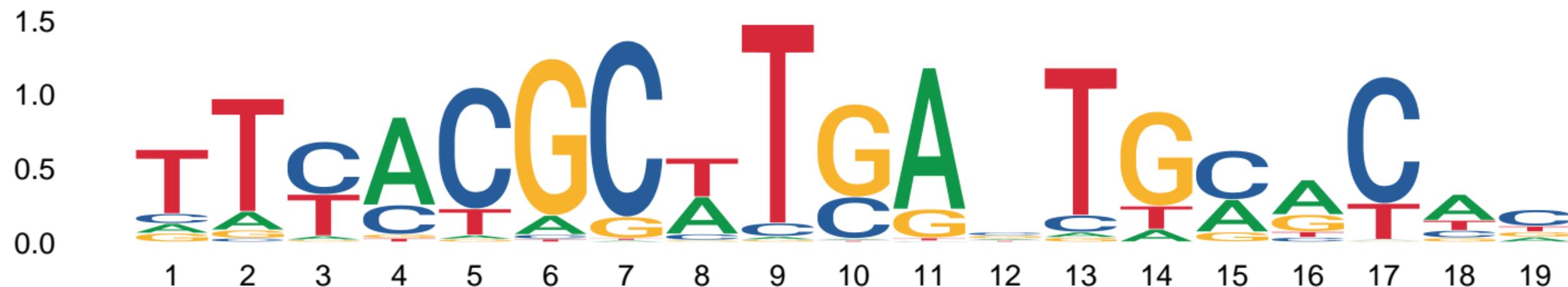
OG: Homeodomains.HG2.28:PAX3/PAX7

PFAM: PAX/Homeodomain

archetype: ARCH873_Pax5/Pax8/Pax2

archetype family: Pax/Homeodomain

assignment: archetype



Nvec_vc1.1_XM_001628645.3

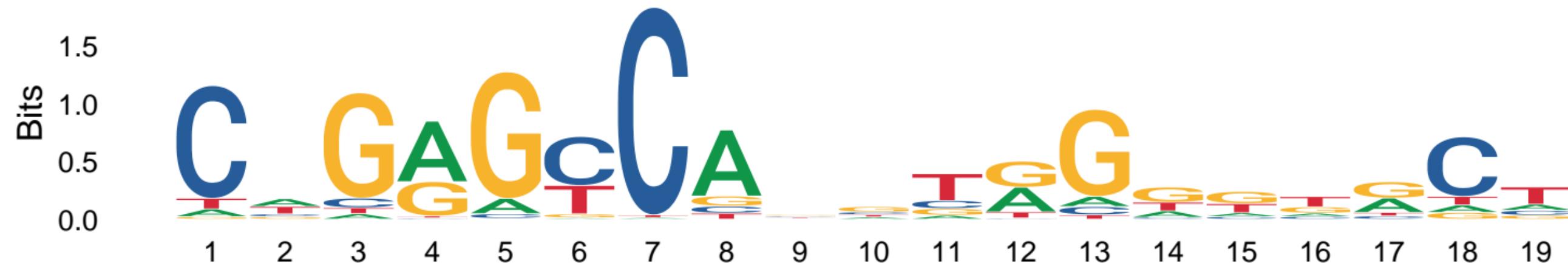
OG: zf-C2H2.HG1.88:MYNN

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-H2C2_2/zf-C2H2/zf-C2H2

archetype: ARCH923_Zfp239//Zfp942/Zfp9...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001628705.3

OG: zf-C2H2.HG1.119:PRDM4

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001628946.3

OG: bZIP.HG1.19:ATF6/ATF6B

PFAM: bZIP_1

archetype: M04043_2.00

archetype family: bZIP

assignment: orthology

Bits



Nvec_vc1.1_XM_001628964.3

OG: Forkhead.HG1.23:FOXK1/FOXK2

PFAM: FHA/Forkhead

archetype: ARCH1003_Foxa3/Foxa1/Foxa2_...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_001628971.3

OG: zf-C2H2.HG1.87:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-met/zf-C2H2/zf-C2H2_4/zf-C2H2/zf-met/zf-C2H2_4/zf-C2H2/zf-C2H2/zf-

archetype: ARCH804_PB0207.1_Zic3_2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001629218.3 (TBX20)

OG: T-box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22

PFAM: T-box

archetype: ARCH862_Tbx18/Tbx22/Tbx15_T...

archetype family: T-box

assignment: archetype



Nvec_vc1.1_XM_001629480.3

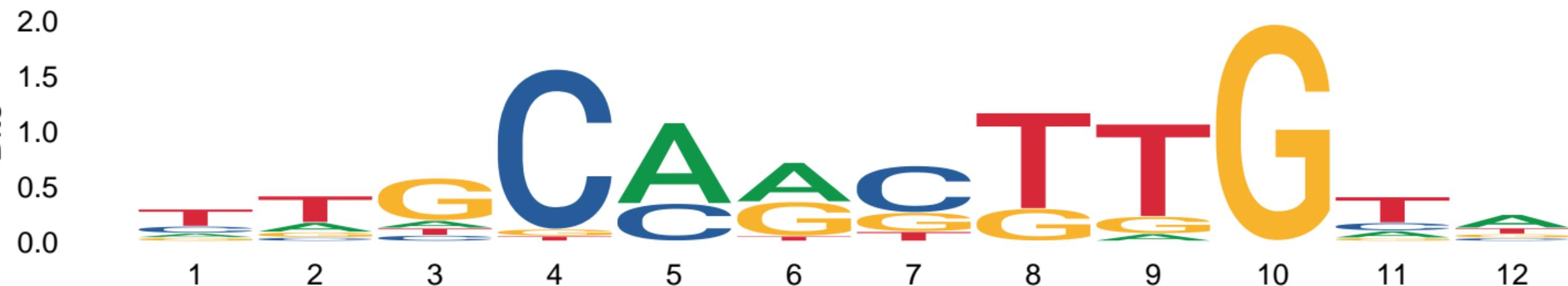
OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCO

PFAM: HLH/PAS/PAS_11

archetype: ARCH473_bHLH80_ZSCAN4

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001629572.3

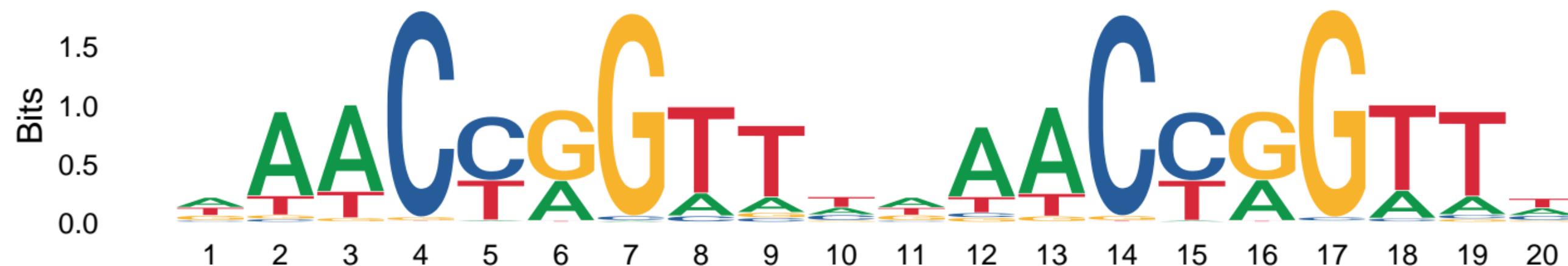
OG: Grainyhead_LSF.HG1.0:TFCP2/TFCP2L1/UBP1

PFAM: CP2/SAM_3

archetype: M03769_2.00

archetype family: Grainyhead_LSF

assignment: orthology



Nvec_vc1.1_XM_001629605.3

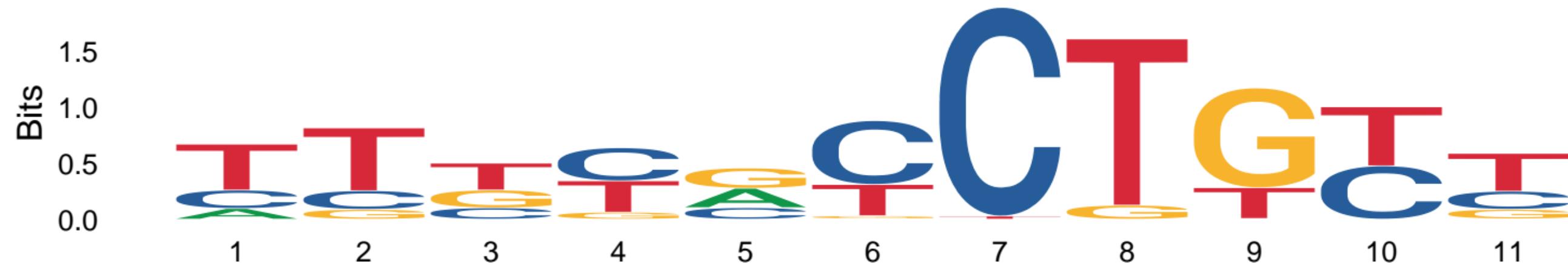
OG: SMAD_MH1.HG1.2:like:SMAD4

PFAM: MH1/MH1/zf-HC5HC2H_2/PHD/PHD

archetype: ARCH662_Smad4

archetype family: SMAD_MH1

assignment: archetype



Nvec_vc1.1_XM_001629694.3 (XBP1)

OG: bZIP.HG1.16:XBP1

PFAM: bZIP_1

archetype: ARCH949_bZIP48

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_001629987.3 (NvSoxE1)

OG: HMGbox_Sox.HG1.42:SOX8/SOX9/SOX10

PFAM: Sox_N/HMG_box

archetype: ARCH924_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype

2.0

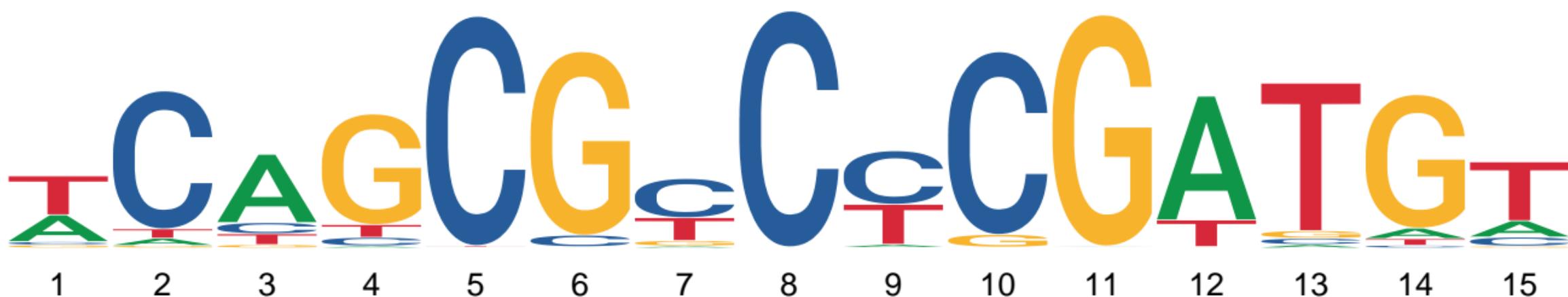
1.5

1.0

0.5

0.0

Bits



Nvec_vc1.1_XM_001630131.3

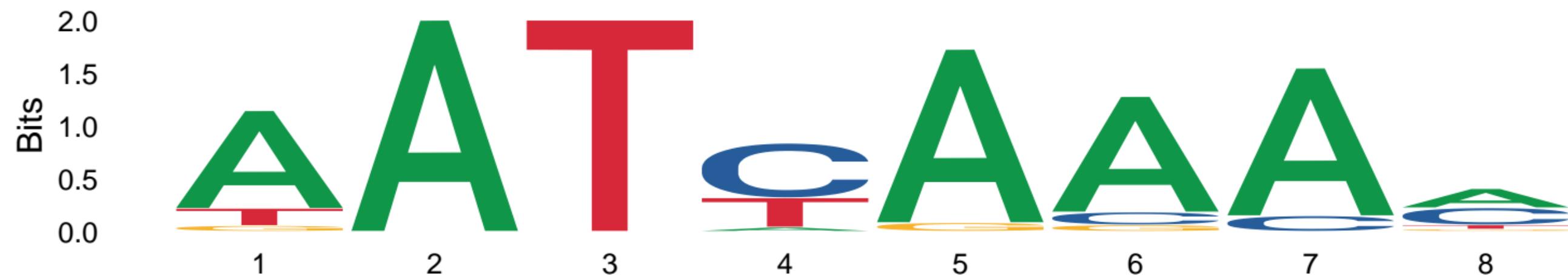
OG: ARID_BRIGHT.HG1.2:ARID4A/ARID4B

PFAM: RBB1NT/ARID/Tudor-knot

archetype: ARCH64_Arid2_Arid3c/Arid3a/...

archetype family: ARID_BRIGHT

assignment: archetype



Nvec_vc1.1_XM_001630333.3

OG: Myb.HG1.0:CDC5L

PFAM: Myb_DNA-bind_6/Myb_Cef

archetype: M11049_2.00

archetype family: Myb

assignment: orthology



Nvec_vc1.1_XM_001630356.3

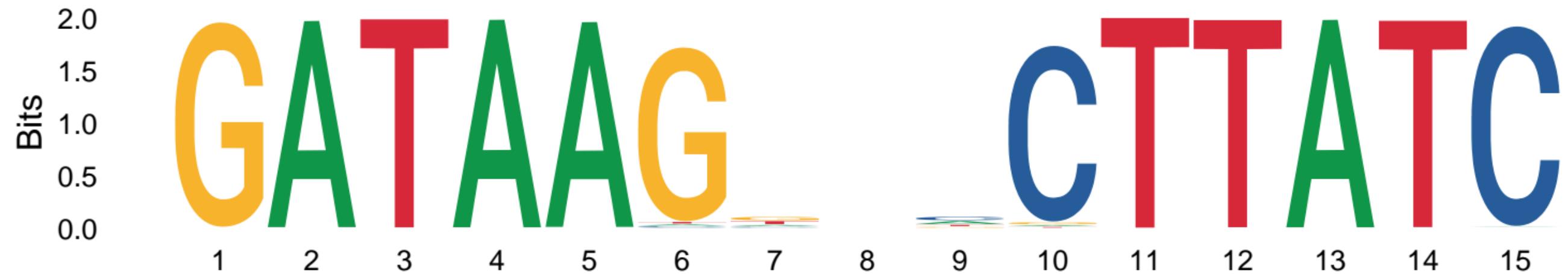
OG: GATA.HG1.4:ZGLP1

PFAM: GATA

archetype: ARCH1449_Gata3/Gata1/Gata2

archetype family: GATA

assignment: archetype



Nvec_vc1.1_XM_001630363.3

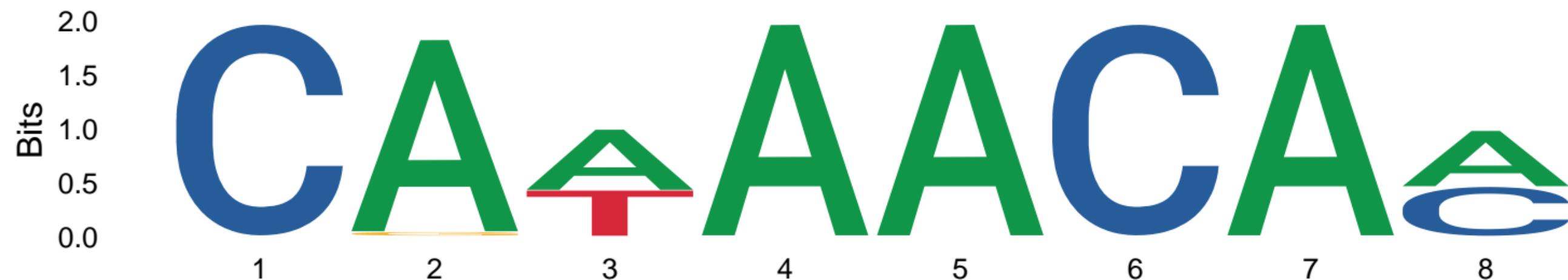
OG: Forkhead.HG1.29:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6

PFAM: Forkhead/FOXO-TAD

archetype: ARCH829_PB0121.1_Foxj3_2

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_001630519.3

OG: Homeodomains.HG1.49:like:NOTO

PFAM: Homeodomain

archetype: ARCH17_Alx3/Alx4/Alx1_Barx2...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001630559.3

OG: zf-C2H2.HG19.0:ZNF496

PFAM: zf-C2H2/zf-C2H2_4/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1274_ZNF528

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001630676.3

OG: Homeodomains.HG2.68:like:ARX/OTP

PFAM: Homeodomain

archetype: Nvec_vc1.1_XM_001630676.3_Homeodomains.HG2.68:like:ARX/OTP_241

archetype family: Homeodomains

assignment: dapseq



Nvec_vc1.1_XM_001630974.3
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA-binding
archetype: ARCH1391_MYB113
archetype family: Myb
assignment: archetype



Nvec_vc1.1_XM_001631093.3

OG: bZIP.HG1.17:ATF3/JDP2

PFAM: bZIP_1

archetype: ARCH947_Creb3I2/Creb3I1

archetype family: bZIP

assignment: archetype

2.0
1.5
1.0
0.5
0.0

Bits



Nvec_vc1.1_XM_001631173.3

OG: Homeodomains.HG2.62:VSX1/VSX2

PFAM: Homeodomain

archetype: ARCH1328_M02167_2.00

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001631326.3

OG: HLH.HG1.72:BHLHA9

PFAM: HLH

archetype: ARCH1533_BHLH112

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001631375.3
OG: Homeodomains.HG2.70:ARX
PFAM: Homeodomain/OAR
archetype: ARCH1437_
archetype family: Homeodomains
assignment: archetype



Nvec_vc1.1_XM_001631403.3
OG: HLH.HG1.14:MLXIP/MLXIPL
PFAM: HLH
archetype: M05989_2.00
archetype family: HLH
assignment: orthology



Nvec_vc1.1_XM_001631543.3

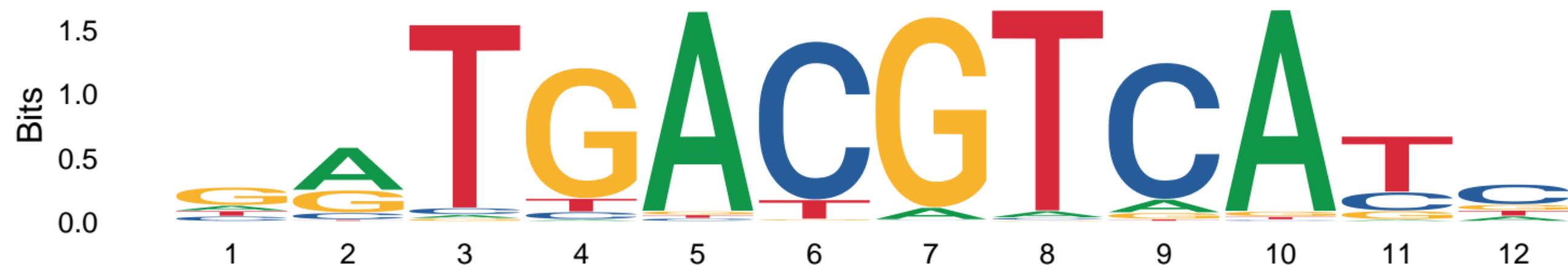
OG: bZIP.HG1.15:CREB3/CREB3L1/CREB3L2/CREB3L3/CREB3L4

PFAM: bZIP_1

archetype: ARCH1610_Atf3/Jdp2_Atf7/Gm2...

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_001631607.3

OG: SMAD_MH1.HG1.5:like:SMAD1/SMAD5/SMAD9

PFAM: MH1/MH2

archetype: ARCH733_Smad2/Smad3_Smad9/S...

archetype family: SMAD_MH1

assignment: archetype



Nvec_vc1.1_XM_001631673.3

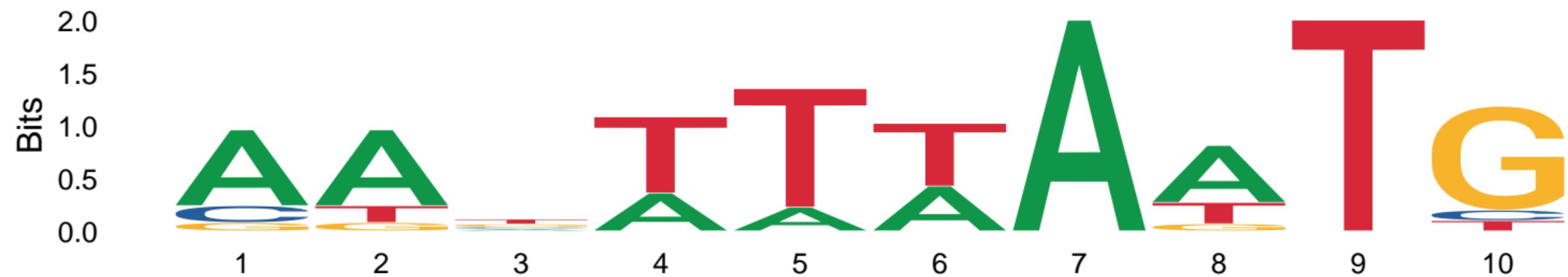
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX4/LHX5/LMX1A/LMX1B

PFAM: LIM/LIM/Homeodomain

archetype: ARCH52_Alx3/Alx4/Alx1_Barx2...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001631763.3 (PaxA)

OG: Homeodomains.HG2.49:like:PAX1/PAX9

PFAM: PAX

archetype: PaxA_241030_dimont

archetype family: Pax

assignment: dapseq



Nvec_vc1.1_XM_001632367.3

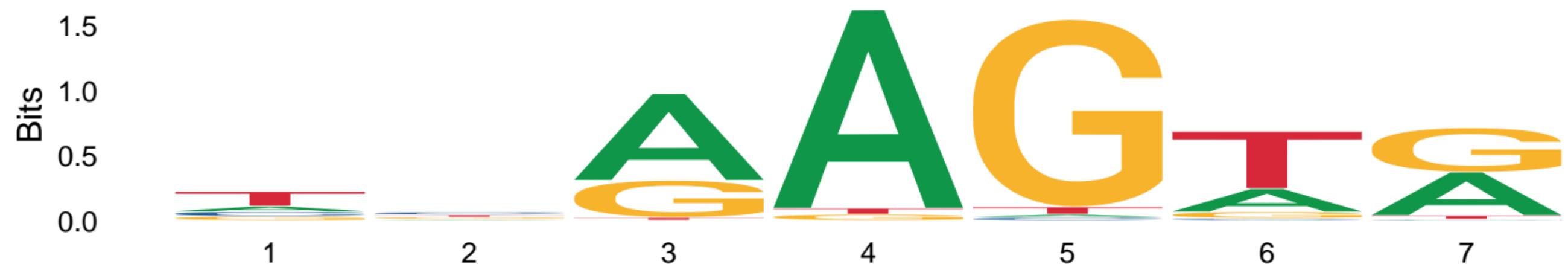
OG: Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX2-3/NKX2-4/NKX2-5/NKX2-6/NK

PFAM: Homeodomain

archetype: ARCH167_Nanog

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001632368.2

OG: Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX2-3/NKX2-4/NKX2-5/NKX2-6/NK

PFAM: Homeodomain

archetype: ARCH1520_Nkx2-2/Nkx2-9

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001632568.3 (NvSoxB2a)

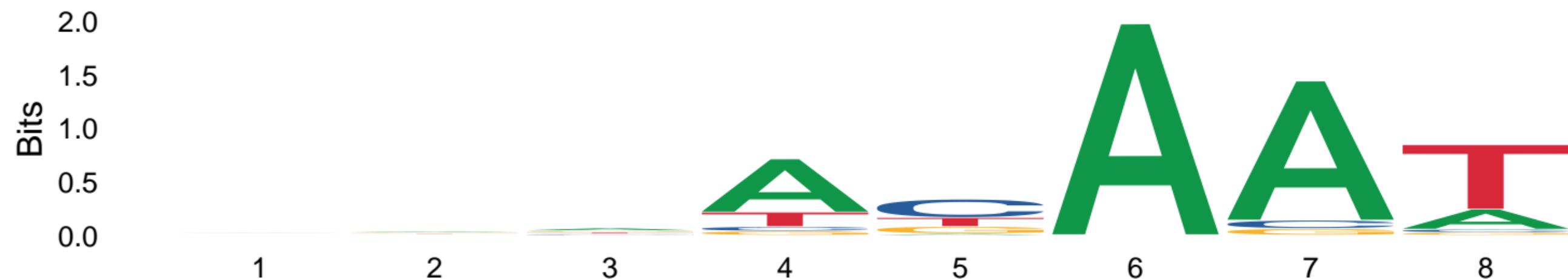
OG: HMGbox_Sox.HG1.34:SRY

PFAM: HMG_box

archetype: M00206_2.00

archetype family: HMGbox_Sox

assignment: orthology



Nvec_vc1.1_XM_001632824.3

OG: T-box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22

PFAM: T-box

archetype: M03569_2.00

archetype family: T-box

assignment: orthology



Nvec_vc1.1_XM_001632826.3
OG: HLH.HG1.67:HAND1/HAND2
PFAM: HLH
archetype: ARCH1068_bHLH122
archetype family: HLH
assignment: archetype



Nvec_vc1.1_XM_001632929.3

OG: Homeodomains.HG2.41:SHOX/SHOX2

PFAM: Homeodomain

archetype: Shox2_241030_homer

archetype family: Homeodomains

assignment: dapseq



Nvec_vc1.1_XM_001632947.3 (NvSoxB1)

OG: HMGbox_Sox.HG1.35:SOX1/SOX2/SOX3/SOX14/SOX21

PFAM: HMG_box/SOXP

archetype: ARCH67_Oct4:Sox17

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_001633014.3 (HSF-like)

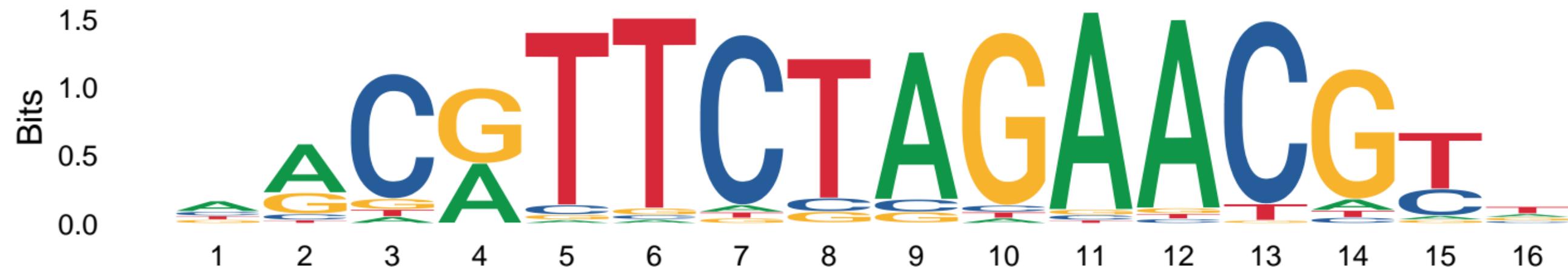
OG: HSF.HG1.4:like:HSF1/HSF2/HSF4

PFAM: HSF_DNA-bind

archetype: M05519_2.00

archetype family: HSF

assignment: orthology



Nvec_vc1.1_XM_001633156.3

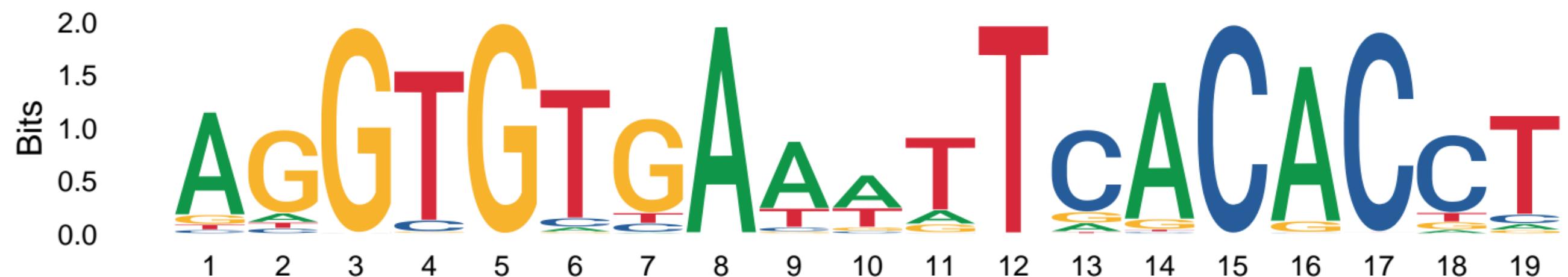
OG: T-box.HG1.1:like:MGA/TBX1/TBX2/TBX3/TBX4/TBX5/TBX6/TBX10/TBX15/TBX1

PFAM: T-box

archetype: ARCH839_Tbx10/Tbx1_Tbx18/Tb...

archetype family: T-box

assignment: archetype



Nvec_vc1.1_XM_001633273.3

OG: bZIP.HG1.17:ATF3/JDP2

PFAM: bZIP_1

archetype: ARCH1611_Fos/Fosb/Fosl1/Fosl2

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_001633393.3

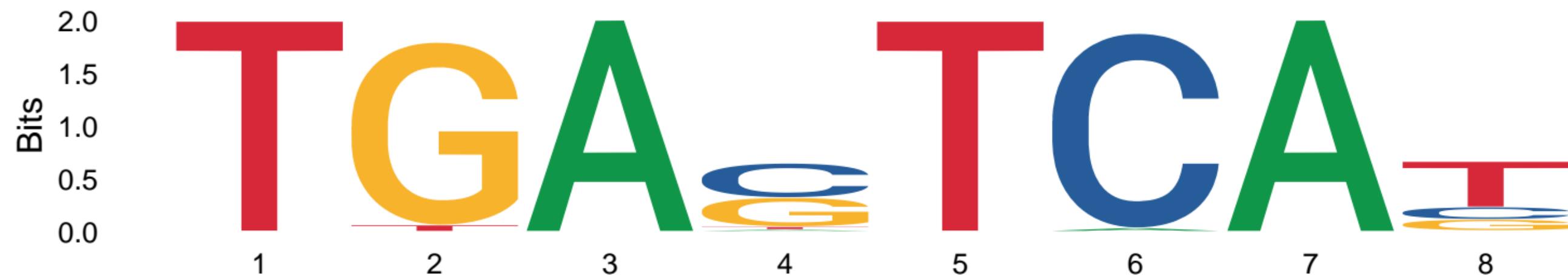
OG: bZIP.HG1.18:ATF1/CREB1/CREM

PFAM: pKID/bZIP_1

archetype: ARCH1485_Atf3/Jdp2_Fos/Fosb...

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_001633398.3

OG: zf-C2H2.HG19.1:PRDM14

PFAM: zf-H2C2_2/zf-C2H2

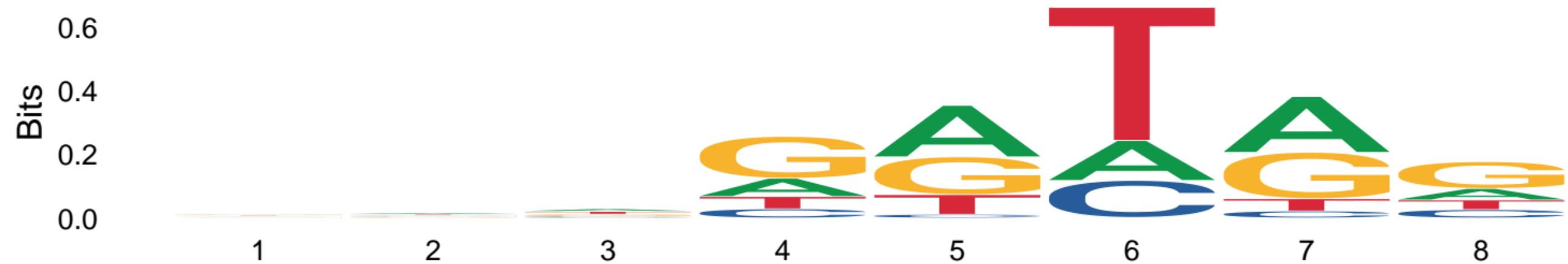
archetype: ARCH743_BPC1__M06113_2.00__...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001633482.3
OG: CSD.HG1.6:YBX1/YBX2/YBX3
PFAM: CSD
archetype: M01207_2.00
archetype family: CSD
assignment: cisbp



Nvec_vc1.1_XM_001633504.3

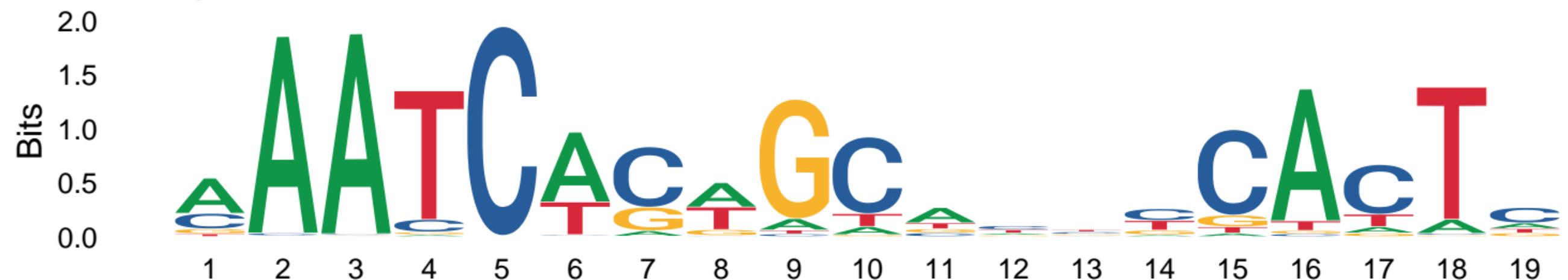
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_11/

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001633508.3

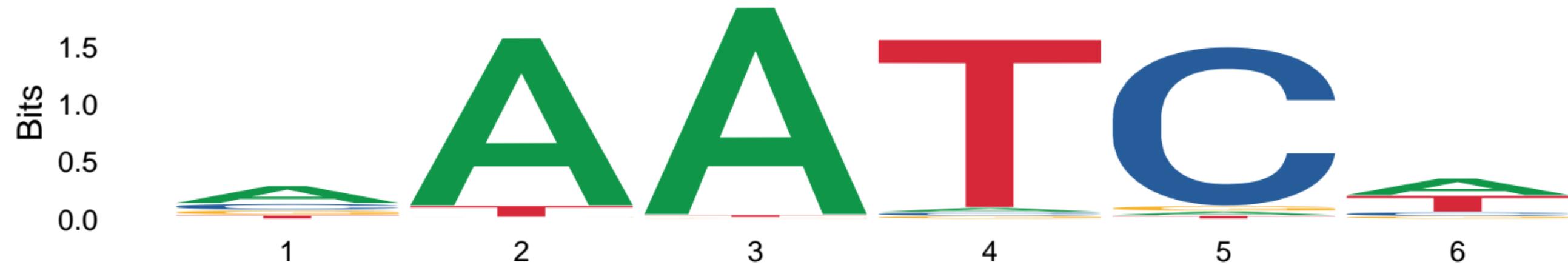
OG: zf-C2H2.HG1.3:ZBTB3

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/z

archetype: ARCH1200_Zfp760/Zfp770

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001633541.3

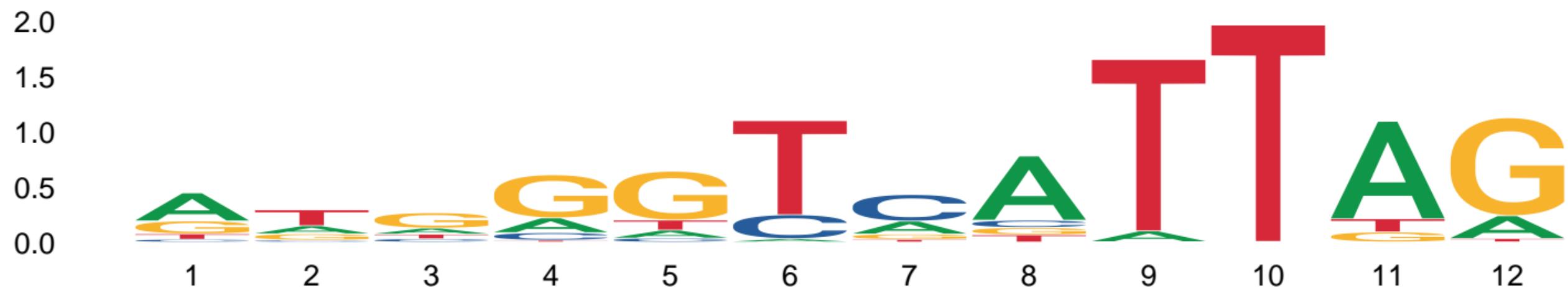
OG: Homeodomains.HG3.5:like:IRX1/IRX2/IRX3/IRX4/IRX5/IRX6/MKX/ONECUT1/ONI

PFAM: SIX1_SD/Homeobox_KN

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001633762.3

OG: HMGbox_Sox.HG1.37:like:SSRP1

PFAM: HMG_box/HMG_box

archetype: ARCH1177_/Sox4/Sox11_Sox13/...

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_001633772.3

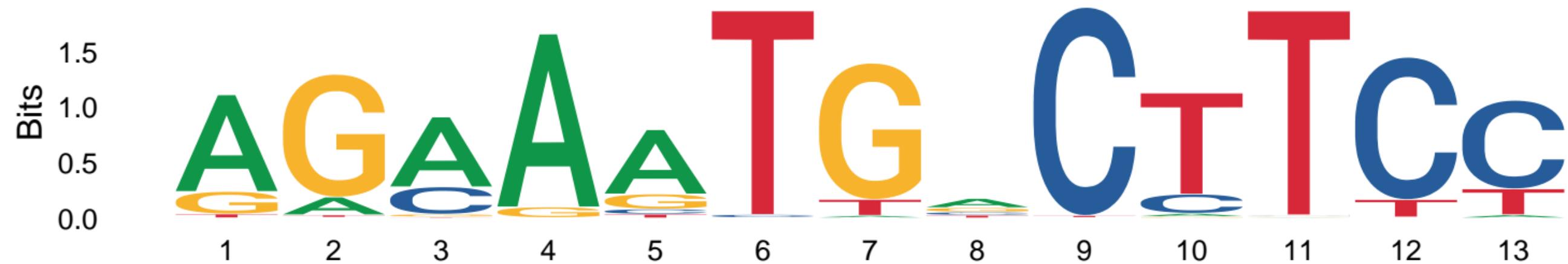
OG: zf-C2H2.HG4.1:like:GLI1/GLI2/GLI3/GLIS1/GLIS2/GLIS3

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1274_ZNF528

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001633819.3 (BHMG1)

OG: HLH.HG1.3:BHMG1

PFAM: HLH

archetype: ARCH867_ZEB1__PL0011.1_hlh-...

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001633894.3

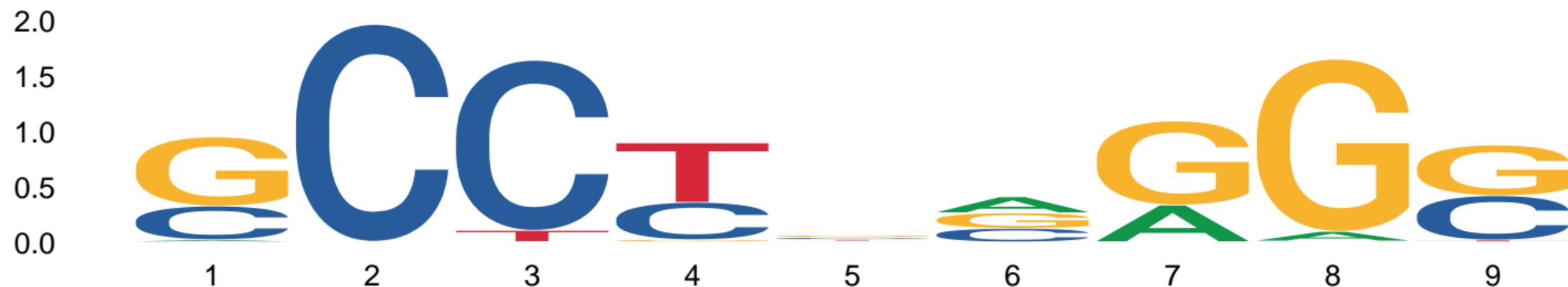
OG: AP-2.HG1.0:TFAP2A/TFAP2B/TFAP2C/TFAP2D/TFAP2E

PFAM: TF_AP-2

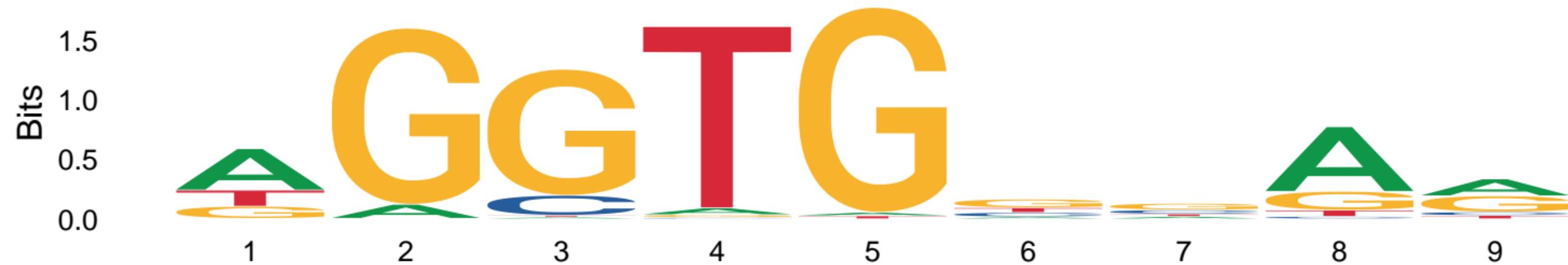
archetype: ARCH387_TFAP2E

archetype family: AP2

assignment: archetype



Nvec_vc1.1_XM_001633901.3
OG: T-box.HG1.11:TBX2/TBX3
PFAM: T-box
archetype: ARCH484_Tbx3/Tbx2
archetype family: T-box
assignment: archetype



Nvec_vc1.1_XM_001633902.3

OG: T-box.HG1.12:TBX4/TBX5

PFAM: T-box

archetype: ARCH837_Tbx10/Tbx1_Tbx18/Tb...

archetype family: T-box

assignment: archetype



Nvec_vc1.1_XM_001633995.3

OG: Homeodomains.HG3.22:IRX1/IRX2/IRX3/IRX4/IRX5/IRX6/MKX

PFAM: Homeobox_KN

archetype: ARCH126_Pbx4/Pbx2/Pbx1

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001634111.3

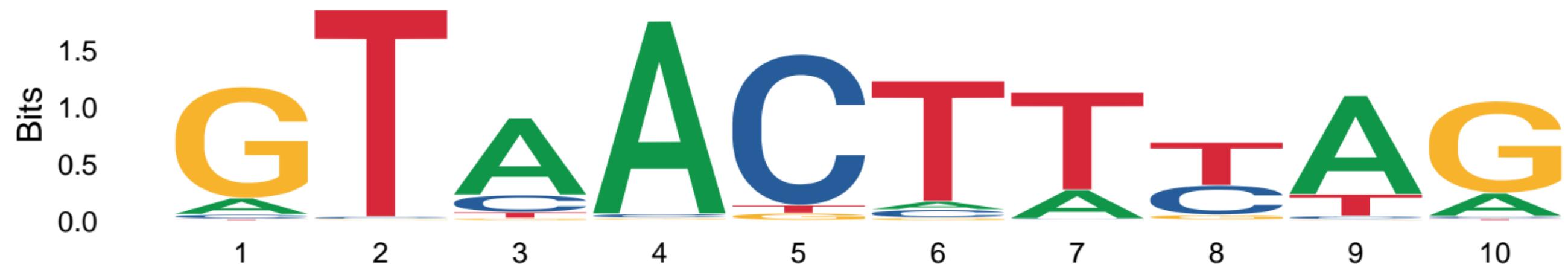
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F

PFAM: Forkhead

archetype: Nvec_vc1.1_XM_001634111.3_Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FC

archetype family: Forkhead

assignment: dapseq



Nvec_vc1.1_XM_001634116.3

OG: Homeodomains.HG2.70:ARX

PFAM: Homeodomain/OAR

archetype: ARCH1020_Alx3/Alx4/Alx1_Bar...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001634132.3

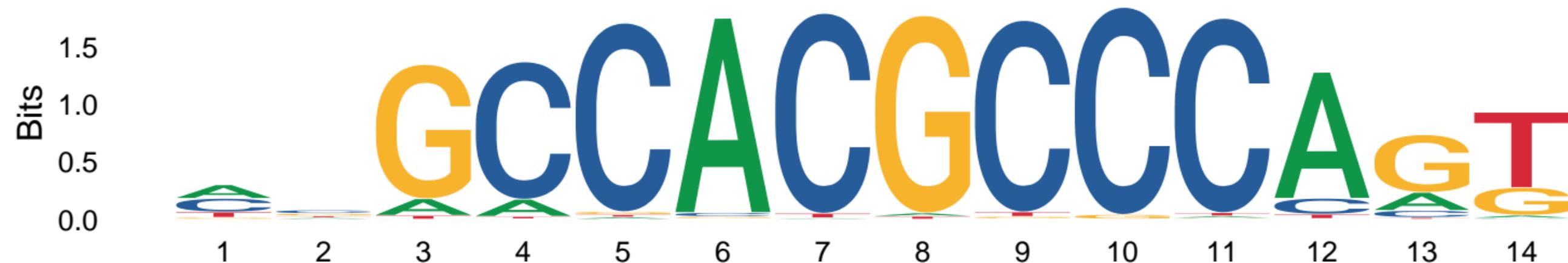
OG: zf-C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9

PFAM: zf-C2H2/zf-C2H2

archetype: ARCH405_Sp6/Sp5_Sp7/Sp8/Sp9

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001634160.3

OG: Homeodomains.HG2.57:RAX/RAX2

PFAM: Homeodomain/OAR

archetype: Rax_241030_homer

archetype family: Homeodomains

assignment: dapseq



Nvec_vc1.1_XM_001634198.3

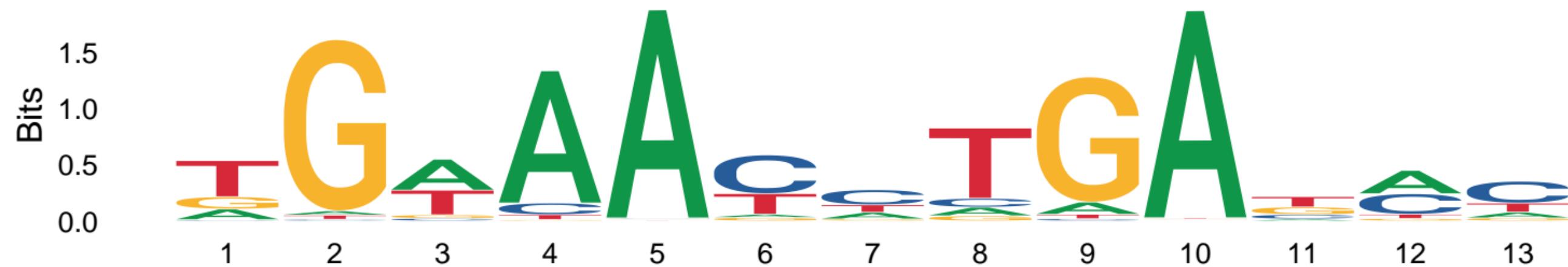
OG: Homeodomains.HG1.70:HOXA2/HOXB2/PDX1

PFAM: Homeodomain

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001634199.3

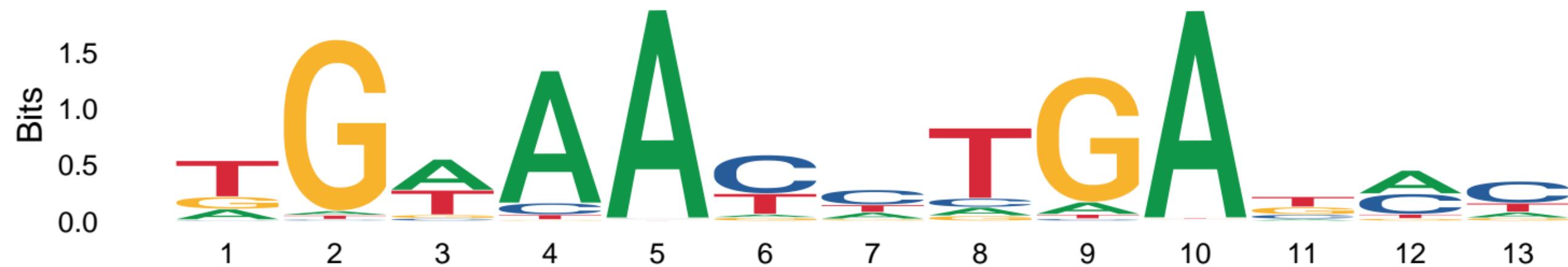
OG: Homeodomains.HG1.70:HOXA2/HOXB2/PDX1

PFAM: Homeodomain

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001634202.3 (Anthox6/Ax6)

OG: Homeodomains.HG1.58:HOXA1/HOXB1/HOXD1

PFAM: Homeodomain

archetype: ARCH33_Hoxa1/Hoxb1/Hoxd1

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001634326.3

OG: bZIP.HG2.0:like:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG

PFAM: bZIP_2

archetype: ARCH1064_M06023_2.00__M0284...

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_001634460.3

OG: bZIP.HG2.13:like:DBP/HLF/TEF

PFAM: bZIP_2

archetype: ARCH952_Fos/Fosb/Fosl1/Fosl...

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_001634505.3 (FoxA)

OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F

PFAM: Forkhead_N/Forkhead/HNF_C

archetype: ARCH1291_Fox:Ebox

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_001634550.3

OG: HLH.HG1.53:HES5/HES7

PFAM: HLH

archetype: ARCH473_bHLH80__ZSCAN4

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001634673.3

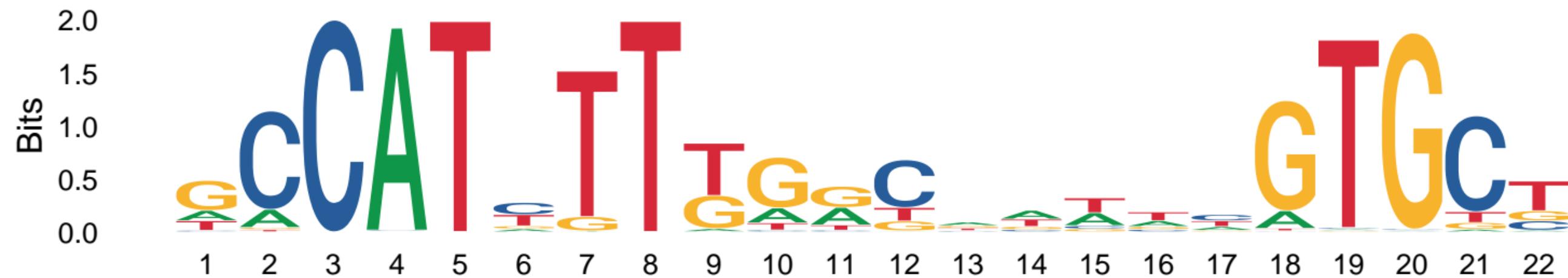
OG: zf-C2H2.HG1.5:ZNF688

PFAM: zf-C2H2_11/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1255_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001634712.3

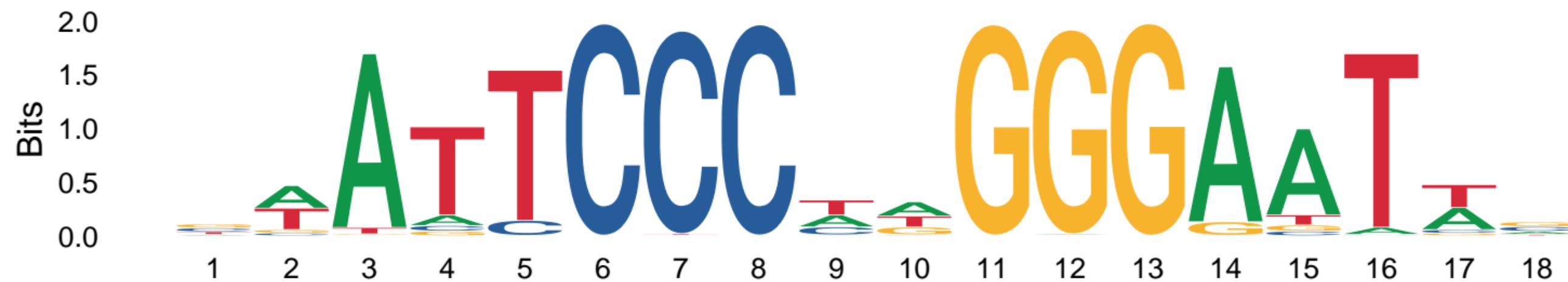
OG: HLH.HG2.0:EBF1/EBF2/EBF3/EBF4

PFAM: COE1_DB/DB/TIG/COE1_HLH

archetype: M03721_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_001634715.3 (Lbx)

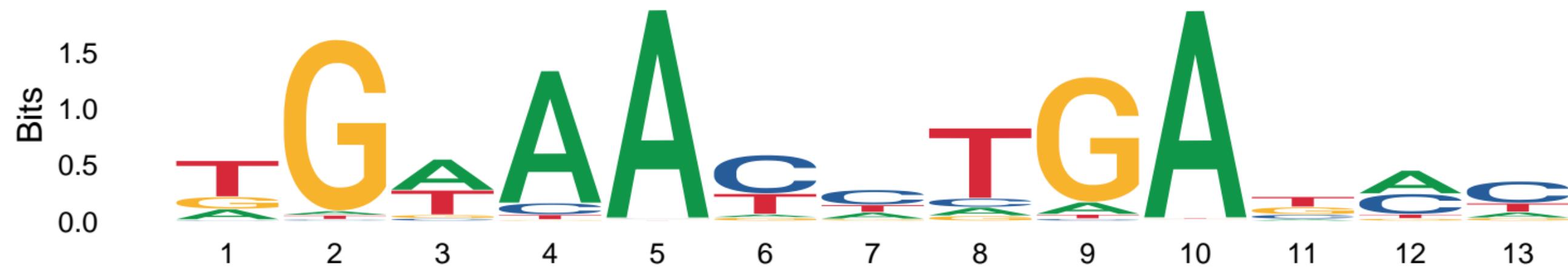
OG: Homeodomains.HG1.29:LBX1/LBX2

PFAM: Homeodomain

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001634768.3

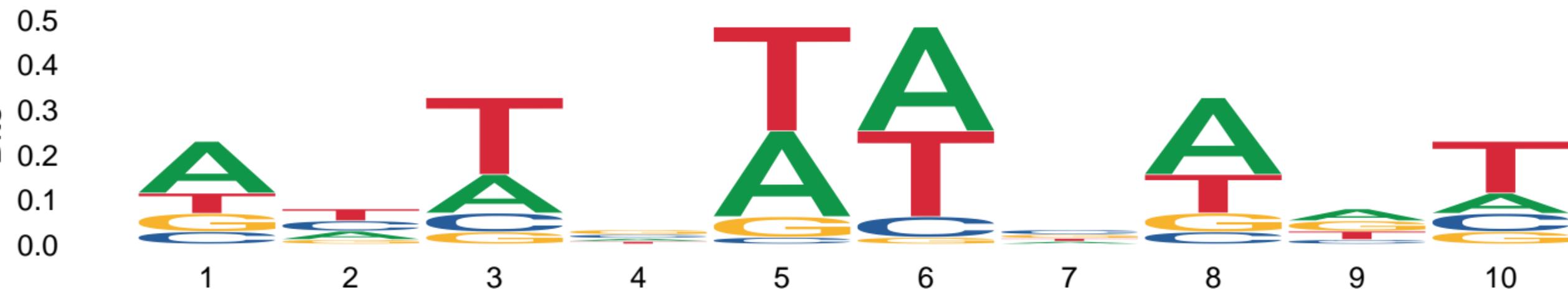
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB

PFAM: Homeodomain

archetype: M02082_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_001634938.2 (Nem64)

OG: HLH.HG1.93:like:SCX/TCF15

PFAM: HLH

archetype: Nem64_241030_homer

archetype family: HLH

assignment: dapseq



Nvec_vc1.1_XM_001634946.3

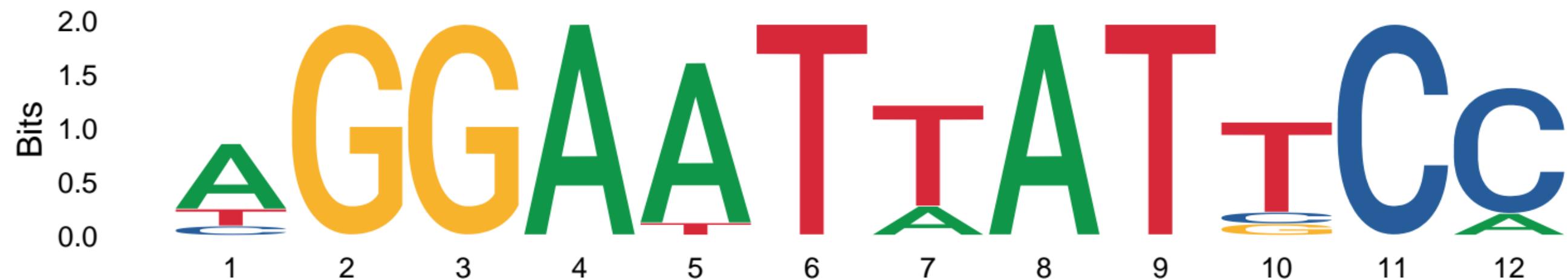
OG: Homeodomains.HG3.31:SIX1/SIX2

PFAM: SIX1_SD/Homeodomain

archetype: ARCH1055_MF0010.1_Homeobox_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001634956.3

OG: Homeodomains.HG2.43:GSC/GSC2

PFAM: Homeodomain

archetype: ARCH1430_Dmbx1_Gsc2/Gsc//Ob...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001635015.3

OG: Homeodomains.HG2.68:like:ARX/OTP

PFAM: Homeodomain

archetype: ARCH41_Alx3/Alx4/Alx1_Barx2...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001635041.3

OG: MADS-box_SRF.HG1.0:SRF

PFAM: SRF-TF

archetype: ARCH1309_Srf

archetype family: MADS-box_SRF

assignment: archetype



Nvec_vc1.1_XM_001635120.3

OG: zf-C2H2.HG1.207:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_4

archetype: ARCH385_M08281_2.00_ZNF711

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001635172.3

OG: HLH.HG1.38:MXD1/MXD3/MXD4/MXI1

PFAM: HLH

archetype: ARCH867_ZEB1__PL0011.1_hlh-...

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001635190.3

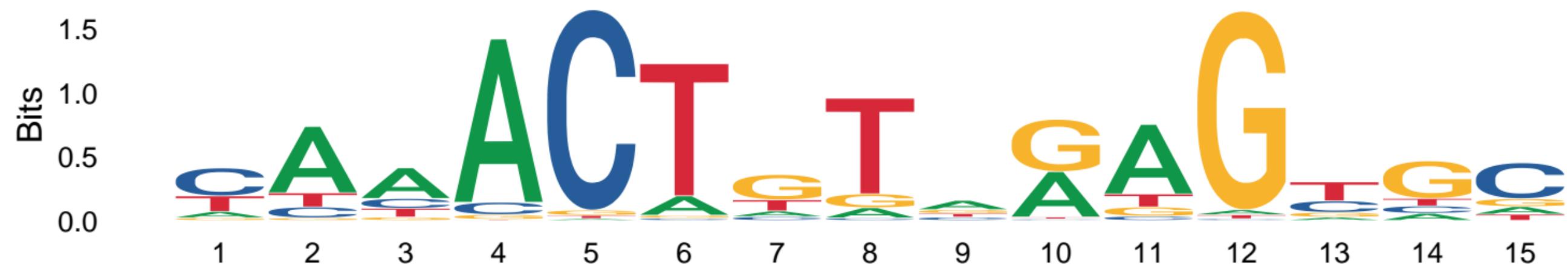
OG: zf-C2H2.HG1.30:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1370_M05856_2.00

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001635275.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype



Nvec_vc1.1_XM_001635276.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype



Nvec_vc1.1_XM_001635277.3
OG: HLH.HG1.62:like:HES5/HES7
PFAM: HLH/Hairy_orange
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype



Nvec_vc1.1_XM_001635315.3
OG: HLH.HG1.63:like:HES5/HES7
PFAM: HLH
archetype: M00933_2.00
archetype family: HLH
assignment: orthology



Nvec_vc1.1_XM_001635316.3

OG: HLH.HG1.53:HES5/HES7

PFAM: HLH

archetype: ARCH1533_BHLH112

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001635374.3

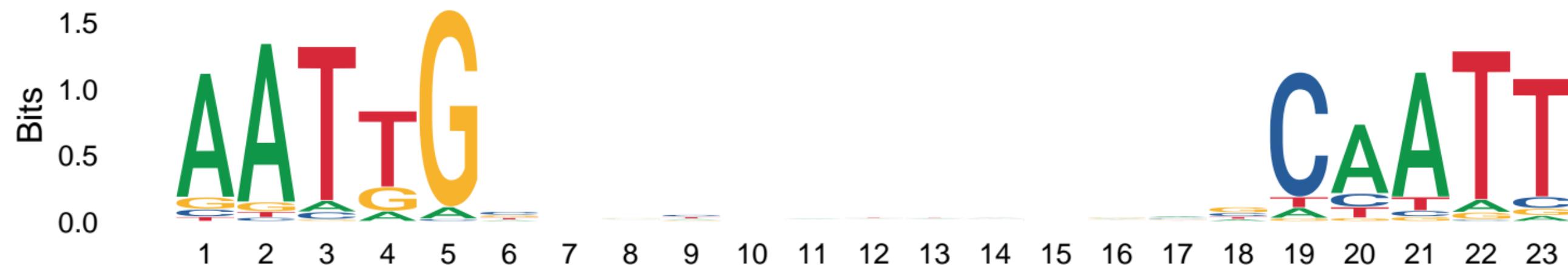
OG: Homeodomains.HG3.7:PBX1/PBX2/PBX3/PBX4

PFAM: PBC/Homeodomain

archetype: ARCH300_Emx1/Emx2_Hmx1/Hmx3..

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001636116.3

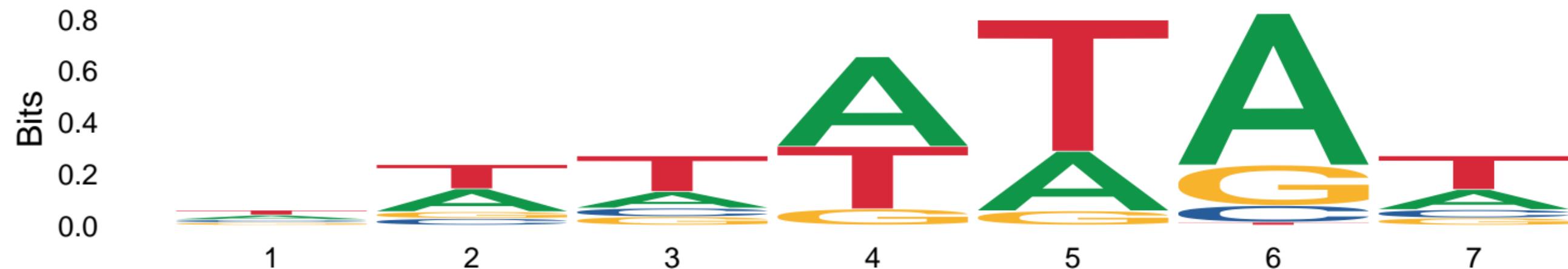
OG: TBP.HG1.3:TBP/TBPL2

PFAM: TBP/TBP

archetype: M00216_2.00

archetype family: TBP

assignment: orthology



Nvec_vc1.1_XM_001636155.3 (NvSoxF1)

OG: HMGbox_Sox.HG1.16:like:PINX1/SOX7/SOX17/SOX18

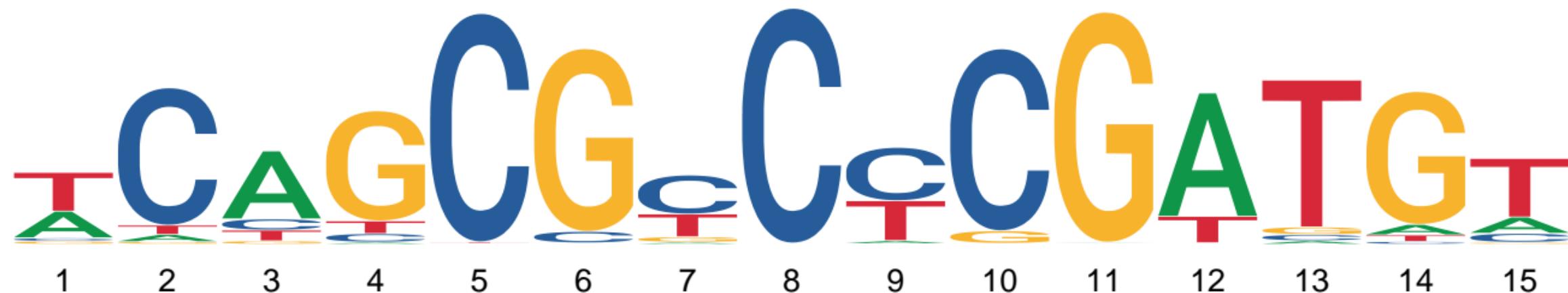
PFAM: HMG_box

archetype: ARCH924_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype

2.0
1.5
1.0
0.5
0.0



Nvec_vc1.1_XM_001636163.3

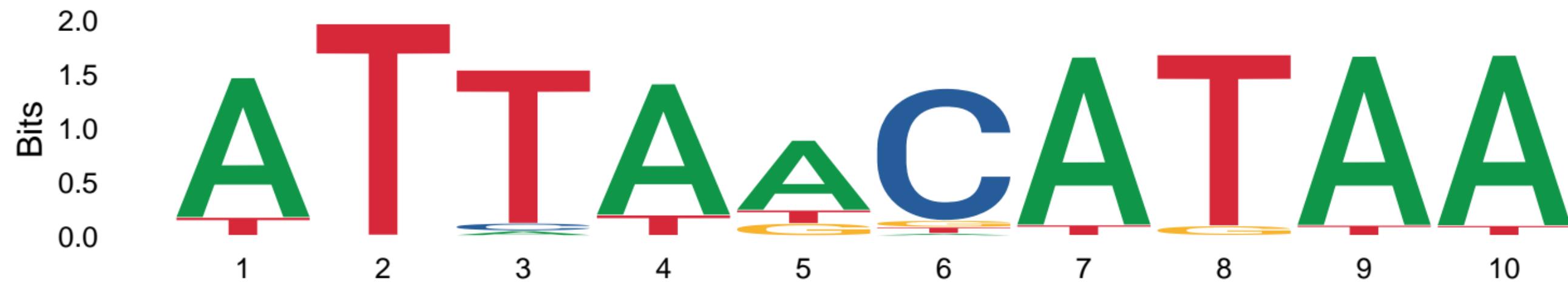
OG: Homeodomains.HG4.4:POU6F1/POU6F2

PFAM: DFP/DFP/Pou/Homeodomain

archetype: ARCH1054_POU3F1

archetype family: Pou/Homeodomain

assignment: archetype



Nvec_vc1.1_XM_001636315.3

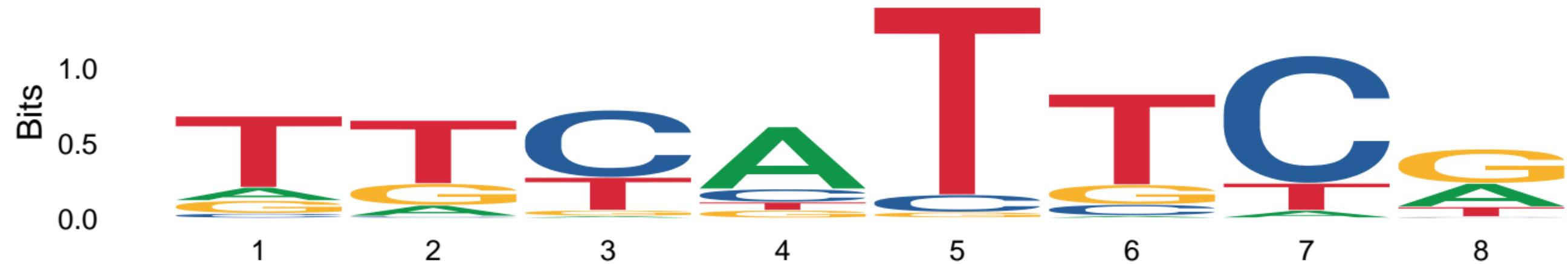
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1204_ARR1_ZNF24

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001636352.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4
PFAM: Ets
archetype: ARCH585_Spdef
archetype family: Ets
assignment: archetype



Nvec_vc1.1_XM_001636464.3

OG: Myb.HG7.0:TERF2IP

PFAM: BRCT_2/Myb_DNA-bind_2

archetype: ARCH646_Msantd4/Mypop_Terf2ip

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_001636622.3

OG: HLH.HG1.37:MNT

PFAM: HLH

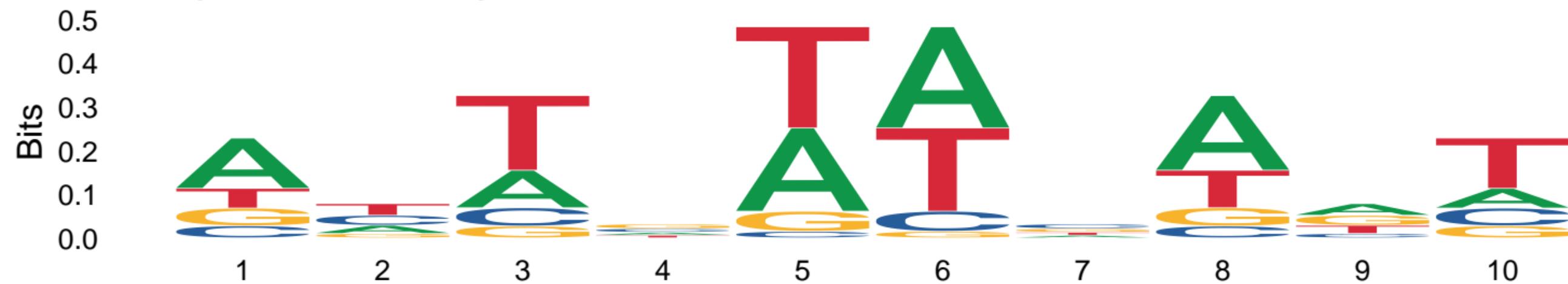
archetype: M05979_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_001636859.3
OG: Homeodomains.HG2.58:UNCX
PFAM: Homeodomain/OAR
archetype: M02082_2.00
archetype family: Homeodomains
assignment: orthology



Nvec_vc1.1_XM_001636862.3

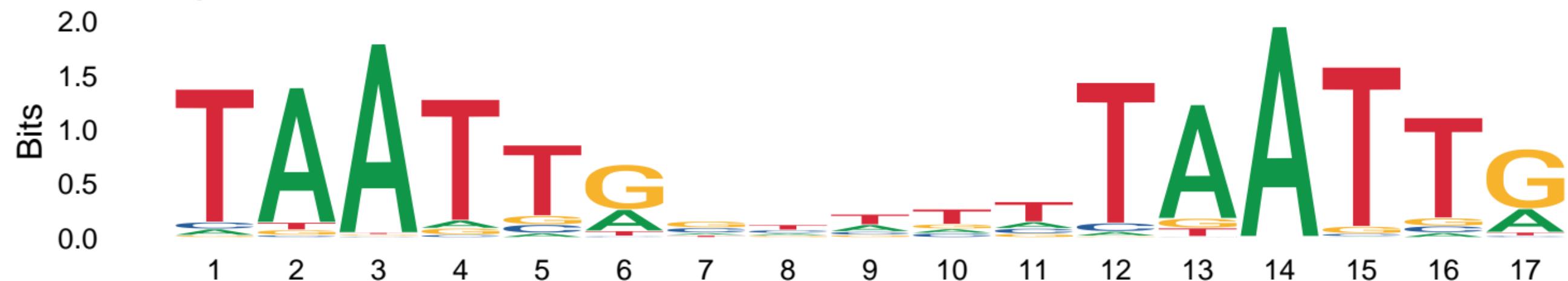
OG: Homeodomains.HG2.33:like:PAX1/PAX9

PFAM: Homeodomain

archetype: ARCH299_Alx3/Alx4/Alx1_Barx...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001636889.3 (FoxJ1)

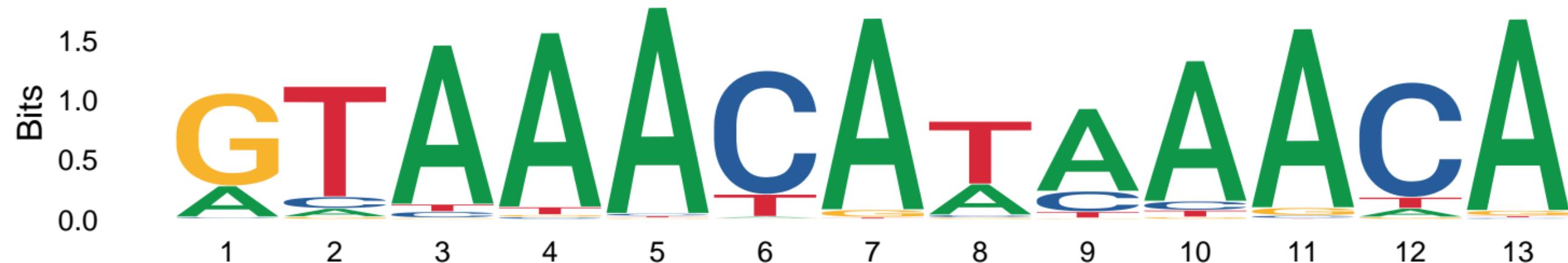
OG: Forkhead.HG1.24:FOXJ1

PFAM: Forkhead

archetype: ARCH975_Foxd2/Foxd4/Foxd3/F...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_001636971.3

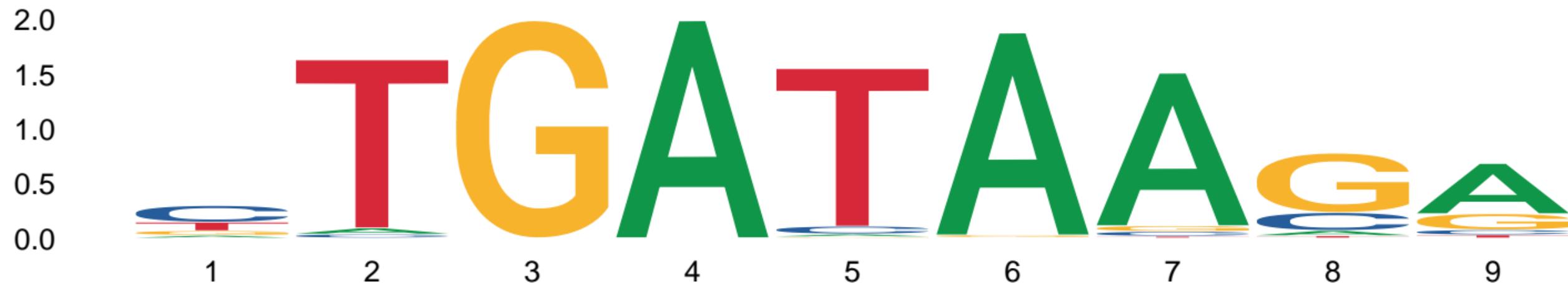
OG: GATA.HG2.1:RERE

PFAM: BAH/ELM2/GATA

archetype: ARCH1456_Gata3/Gata1/Gata2_...

archetype family: GATA

assignment: archetype



Nvec_vc1.1_XM_001637044.3
OG: HLH.HG1.54:like:HES5/HES7
PFAM: HLH/Hairy_orange
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype



Nvec_vc1.1_XM_001637155.3

OG: Myb.HG5.0:DMAP1

PFAM: SANT_DAMP1_like/DMAP1

archetype: ARCH193_MYB116

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_001637190.3
OG: zf-C2H2.HG4.11:GLIS1/GLIS3
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
archetype: ARCH1043_ZNF652
archetype family: zf-C2H2
assignment: archetype



Nvec_vc1.1_XM_001637272.3

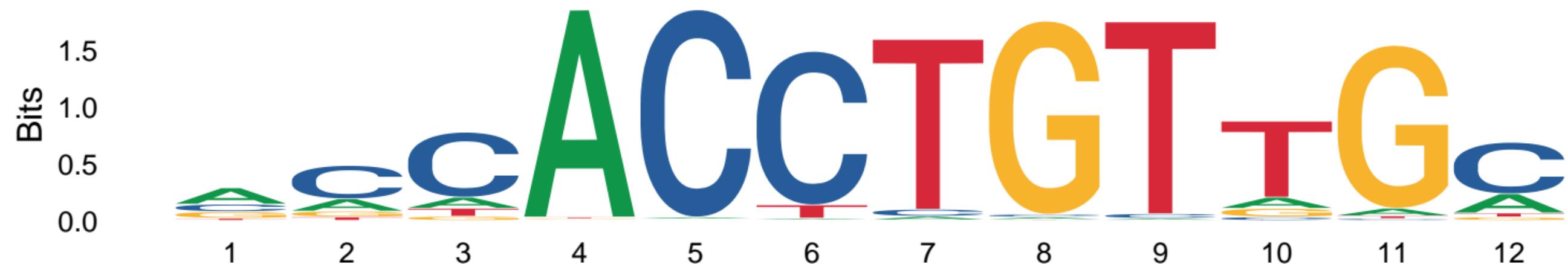
OG: zf-C2H2.HG95.1:NA

PFAM: HNF-1_N/zf-C2H2/zf-C2H2/zf-C2H2/zf-H2C2_2

archetype: ARCH861_Scrt2/Scrt1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001637374.3
OG: Ets.HG1.2:ELK1/ELK3/ELK4

PFAM: Ets

archetype: Nvec_vc1.1_XM_001637374.3_Ets.HG1.2:ELK1/ELK3/ELK4_241030_stren

archetype family: Ets

assignment: dapseq



Nvec_vc1.1_XM_001637502.3
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA-binding
archetype: ARCH1387_MYB105
archetype family: Myb
assignment: archetype



Nvec_vc1.1_XM_001637508.3

OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9

PFAM: IRF

archetype: Nvec_vc1.1_XM_001637508.3_IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/

archetype family: IRF

assignment: dapseq



Nvec_vc1.1_XM_001637529.3

OG: Myb.HG1.2:DMTF1/TTF1

PFAM: Myb_DNA-binding/Myb_DNA-binding

archetype: ARCH153_Msantd2_Rcor1/Rcor2...

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_001637733.3

OG: Homeodomains.HG1.67:GSX1/GSX2

PFAM: Homeodomain

archetype: ARCH103_Hnf1a/Hnf1b

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001638266.3

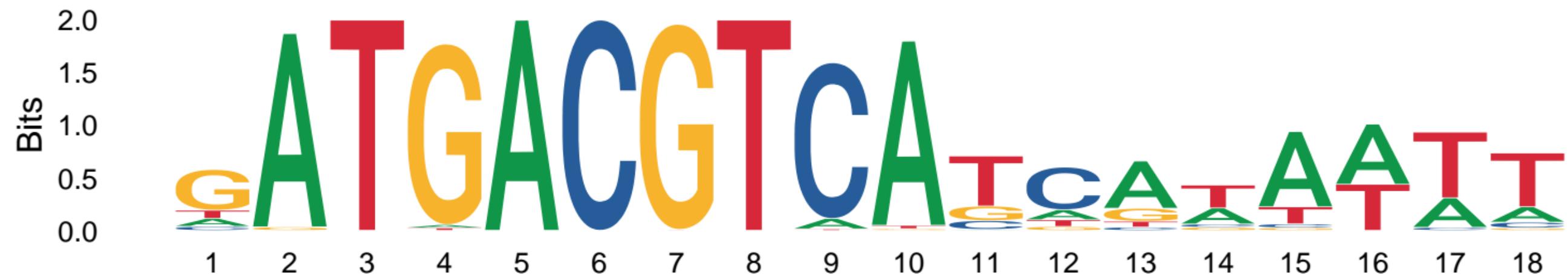
OG: bZIP.HG1.0:CREBL2

PFAM: bZIP_2

archetype: Crebl2_250224_streme

archetype family: bZIP

assignment: dapseq



Nvec_vc1.1_XM_001638641.3

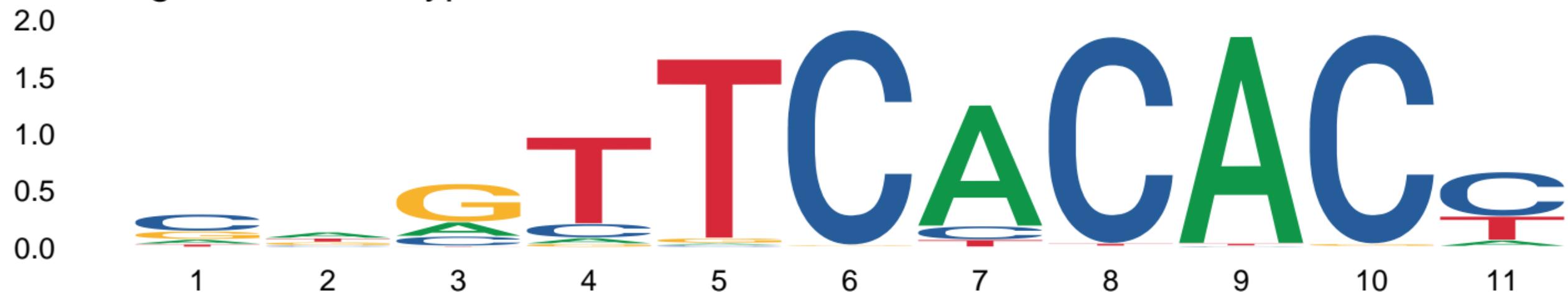
OG: zf-C2H2.HG2.4:MTF1/ZNF76/ZNF143

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH836_M08316_2.00__M08901...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001638761.3

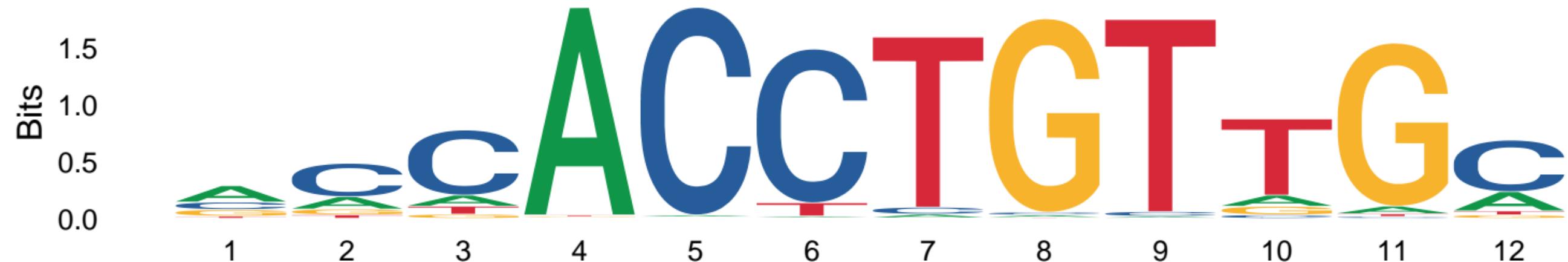
OG: zf-C2H2.HG16.2:like:TRERF1/ZNF541

PFAM: zf-C2H2/zf-C2H2_6/ELM2

archetype: ARCH861_Scrt2/Scrt1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001638841.3

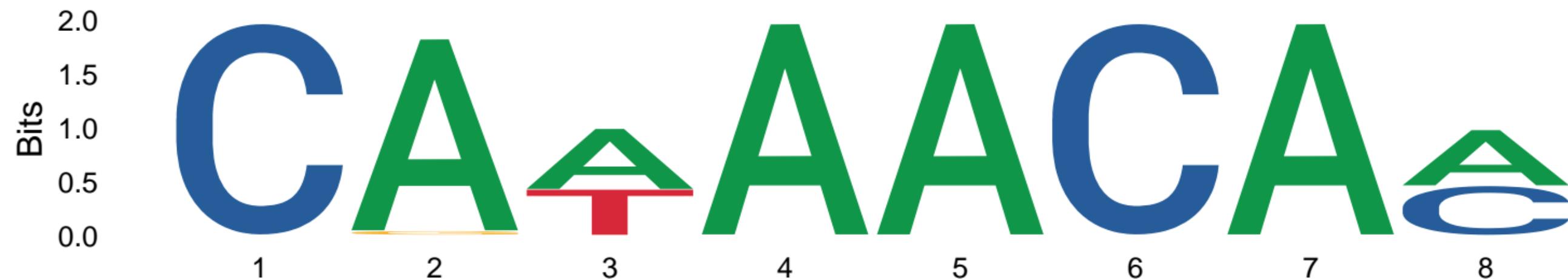
OG: Forkhead.HG1.22:FOXG1

PFAM: Forkhead

archetype: ARCH829_PB0121.1_Foxj3_2

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_001638852.3

OG: HMGbox_Sox.HG1.47:like:NSD2

PFAM: HMG_box/HMG_box/HMG_box

archetype: ARCH1177_/Sox4/Sox11_Sox13/...

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_001639101.3

OG: Homeodomains.HG2.27:like:PAX1/PAX2/PAX3/PAX4/PAX5/PAX6/PAX7/PAX8/PAX

PFAM: PAX/Homeodomain

archetype: ARCH873_Pax5/Pax8/Pax2

archetype family: Pax/Homeodomain

assignment: archetype



Nvec_vc1.1_XM_001639164.3

OG: Homeodomains.HG2.36:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/

PFAM: Homeodomain

archetype: ARCH41_Alx3/Alx4/Alx1_Barx2...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001639307.3

OG: bZIP.HG3.3:like:MAF/MAFA/MAFB/NRL

PFAM: bZIP_Maf

archetype: Nvec_vc1.1_XM_001639307.3_bZIP.HG3.3:like:MAF/MAFA/MAFB/NRL_24

archetype family: bZIP

assignment: dapseq



Nvec_vc1.1_XM_001639547.3
OG: zf-C2H2.HG2.11:KLF10/KLF11
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf-C2H2
assignment: archetype



Nvec_vc1.1_XM_001639692.3

OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCO

PFAM: HLH/PAS/PAS_11

archetype: ARCH867_ZEB1__PL0011.1_hlh-...

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001639701.3 (NvSox2)

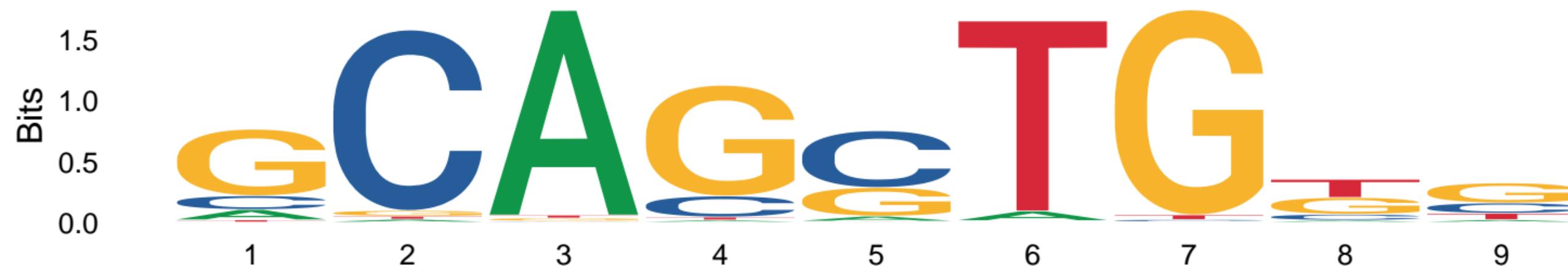
OG: HMGbox_Sox.HG1.14:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY

PFAM: HMG_box

archetype: ARCH482_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_001639705.3

OG: zf-C2H2.HG1.30:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH480_Snai2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001639717.3

OG: zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH502_M06063_2.00

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001639766.3

OG: zf-C2H2.HG3.18:like:HINFP/HIVEP2/HIVEP3/RREB1/YY1/YY2/ZFP42/ZFPM1/Z

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C

archetype: ARCH419_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001640743.3

OG: HLH.HG1.29:MYC/MYCL/MYCN

PFAM: HLH

archetype: ARCH867_ZEB1__PL0011.1_hlh-...

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001640781.3

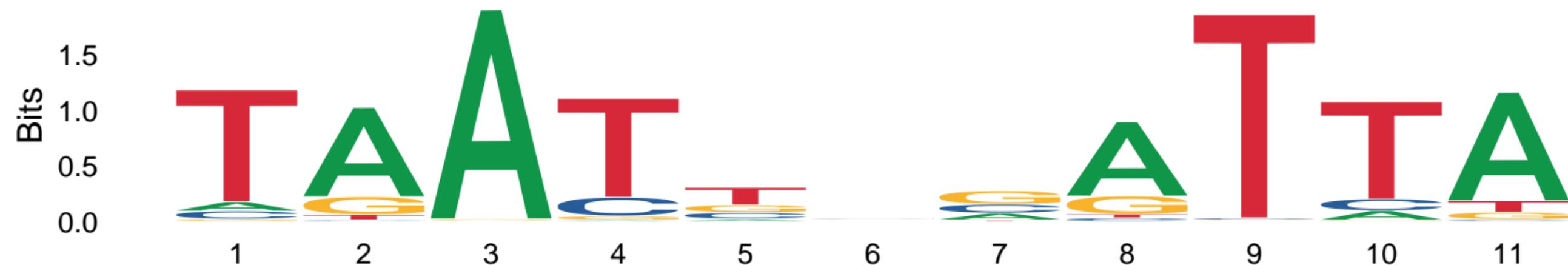
OG: Homeodomains.HG1.41:NKX1–1/NKX1–2

PFAM: Homeodomain

archetype: ARCH91_Alx3/Alx4/Alx1_Barx2...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001640809.3 (Myc2)

OG: HLH.HG1.29:MYC/MYCL/MYCN

PFAM: Myc_N/HLH

archetype: ARCH783_bHLH18__MNT

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_001640853.3

OG: bZIP.HG1.6:JUN/JUNB/JUND

PFAM: Jun/bZIP_1

archetype: Jund/Junb/Jun_250224_dimont

archetype family: bZIP

assignment: dapseq



Nvec_vc1.1_XM_001640990.3

OG: HLH.HG1.77:like:NEUROD1/NEUROD2/NEUROD4/NEUROD6

PFAM: HLH

archetype: M06004_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_001641032.3

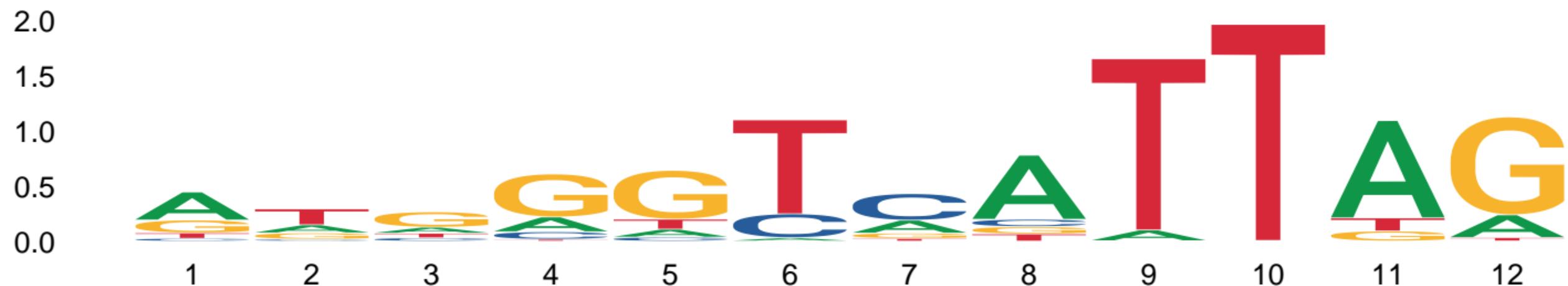
OG: Homeodomains.HG1.18:NANOG/NANOGP8

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001641086.3

OG: zf-C2H2.HG7.5:SNAI1/SNAI2/SNAI3

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_001641129.3 (ZNF845)

OG: zf-C2H2.HG3.8:like:ZNF770

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-H2C2_2/zf-C2H2

archetype: ZNF845_241030_homer

archetype family: zf-C2H2

assignment: dapseq



Nvec_vc1.1_XM_001641264.3

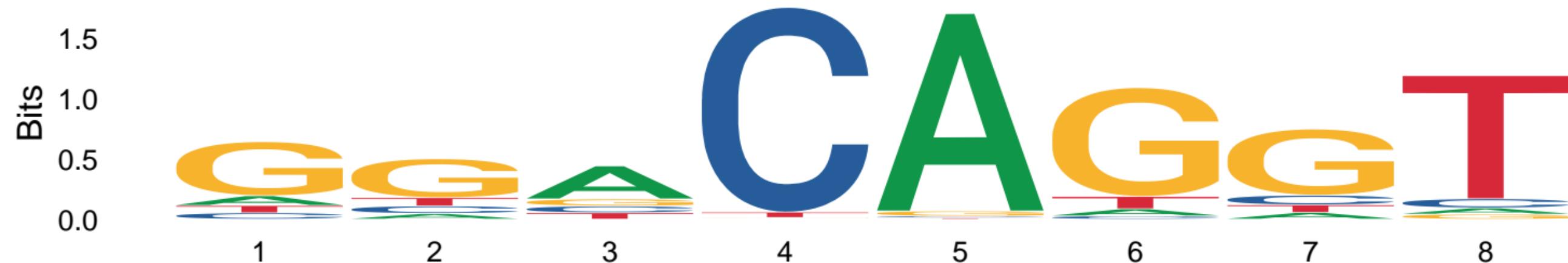
OG: Homeodomains.HG1.61:NOTO

PFAM: Homeodomain

archetype: ARCH487_Meis3/Meis2/Meis1_P...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001641552.3

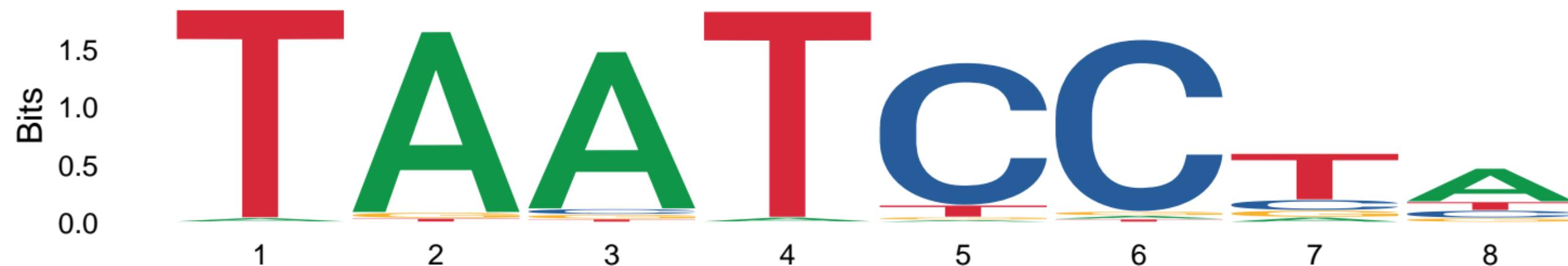
OG: Homeodomains.HG1.47:like:MSX1/MSX2

PFAM: Homeodomain

archetype: ARCH1437_

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001641575.3

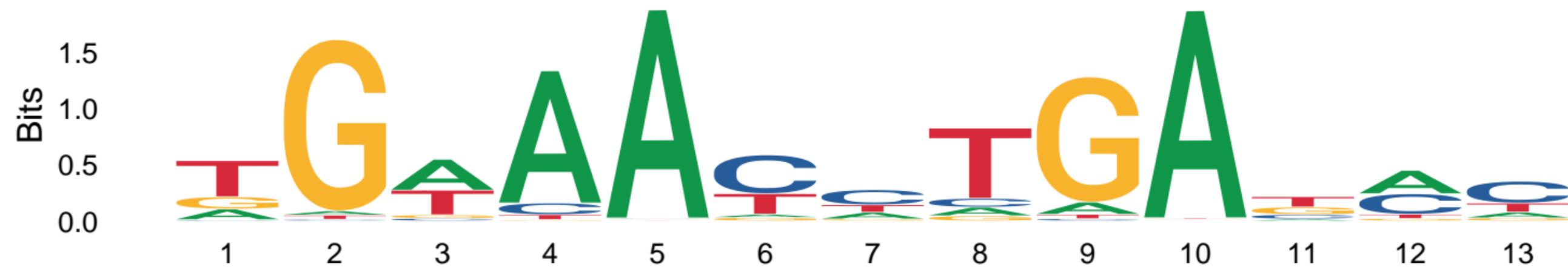
OG: Homeodomains.HG1.68:AC004080.3/AC012531.3/CDX1/CDX2/CDX4/HOXA4/HC

PFAM: Homeodomain

archetype: ARCH1362 Six1/ Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001641660.3

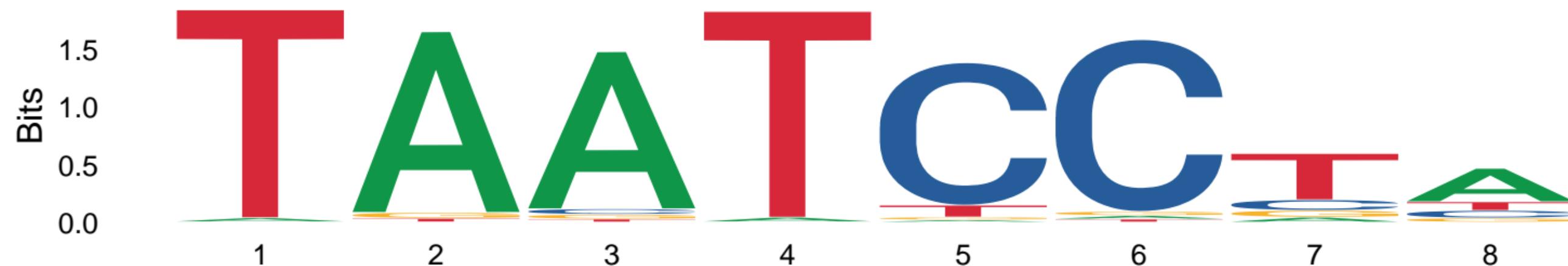
OG: Homeodomains.HG2.64:PITX1/PITX2/PITX3

PFAM: Homeodomain

archetype: ARCH1437_

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_001647471.3 (OtxC)

OG: Homeodomains.HG2.46:CRX/OTX1/OTX2

PFAM: Homeodomain

archetype: M03808_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_001647488.3

OG: Homeodomains.HG2.46:CRX/OTX1/OTX2

PFAM: Homeodomain

archetype: ARCH697_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032361813.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA-binding
archetype: ARCH1391_MYB113
archetype family: Myb
assignment: archetype



Nvec_vc1.1_XM_032361814.2

OG: zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH827_Vezf1/Maz

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032361849.2

OG: Ets.HG1.2:ELK1/ELK3/ELK4

PFAM: Ets

archetype: ARCH578_Elf3/Ehf/Elf5_Etv6

archetype family: Ets

assignment: archetype



Nvec_vc1.1_XM_032361976.2

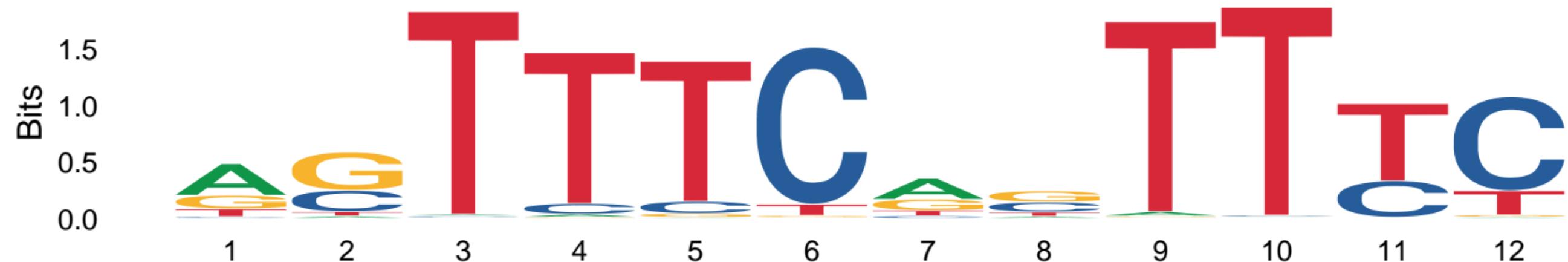
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9

PFAM: IRF

archetype: ARCH591_ISRE__IRF3__IRF8

archetype family: IRF

assignment: archetype



Nvec_vc1.1_XM_032362135.2

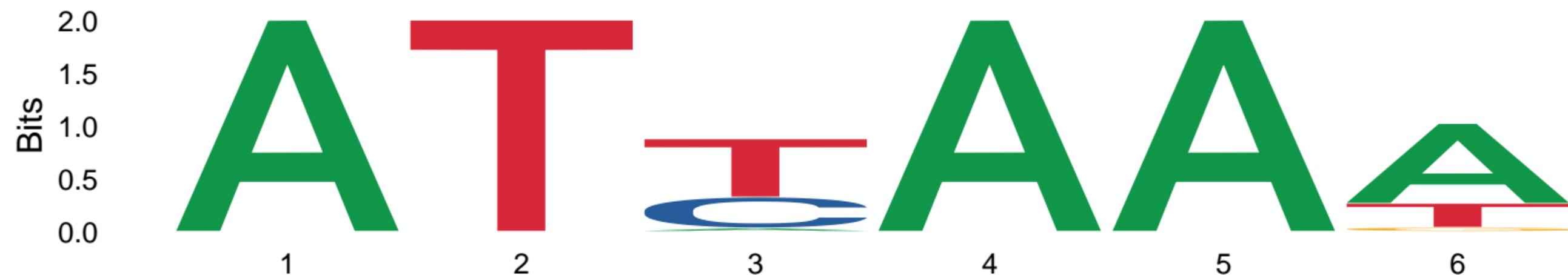
OG: ARID_BRIGHT.HG1.9:ARID3A/ARID3B/ARID3C

PFAM: ARID

archetype: ARCH13_Arid2_Arid3c/Arid3a/...

archetype family: ARID_BRIGHT

assignment: archetype



Nvec_vc1.1_XM_032362307.2

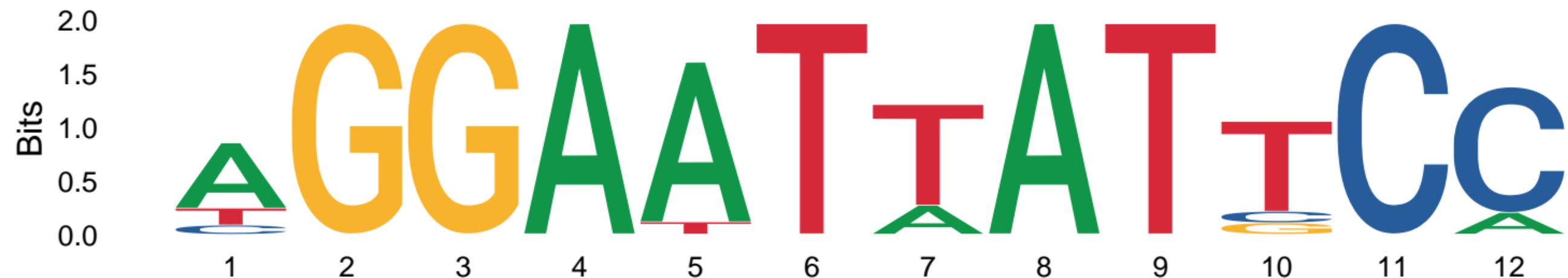
OG: Homeodomains.HG1.66:like:GSX1/GSX2

PFAM: Homeodomain

archetype: ARCH1055_MF0010.1_Homeobox_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032362346.2

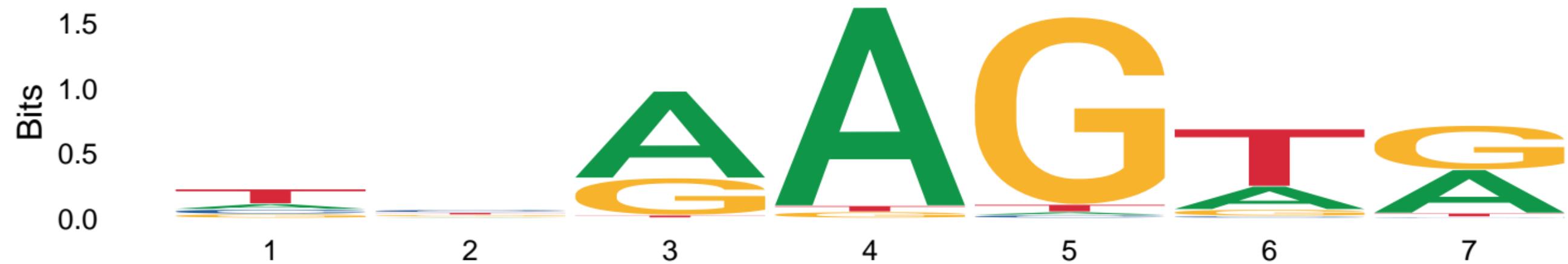
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX

PFAM: Homeodomain

archetype: ARCH167_Nanog

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032362379.2

OG: Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX2-3/NKX2-4/NKX2-5/NKX2-6/NK

PFAM: Homeodomain

archetype: ARCH1546_Meis3/Meis2/Meis1_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032362396.2

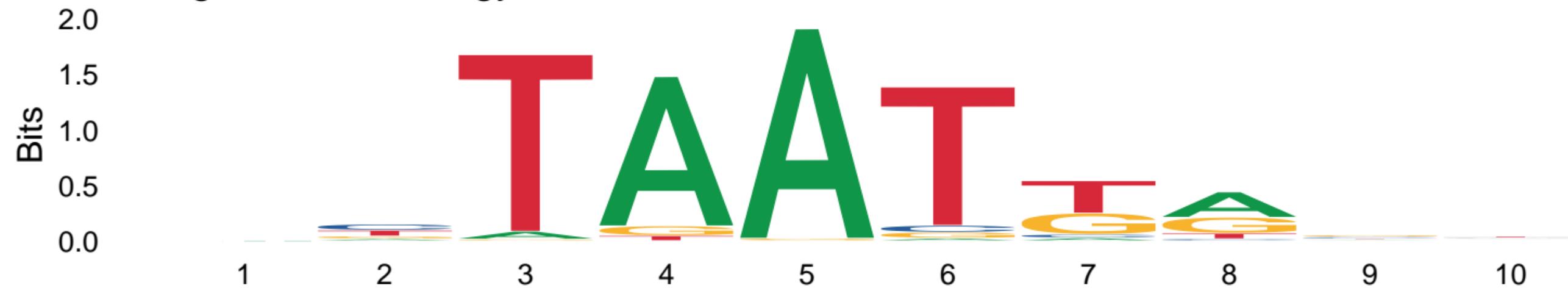
OG: Homeodomains.HG1.69:HOXA3/HOXB3/HOXD3

PFAM: Homeodomain

archetype: M03126_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_032362607.2

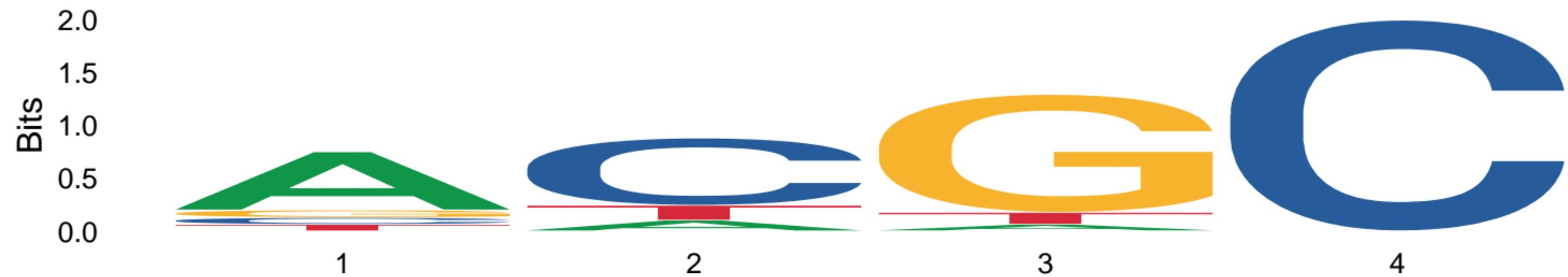
OG: Forkhead.HG1.5:FOXQ1

PFAM: Forkhead

archetype: ARCH895_Foxn4/Foxn1

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_032362713.2 (Islet)

OG: Homeodomains.HG2.19:ISL1/ISL2

PFAM: LIM/LIM/Homeodomain

archetype: M06272_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_032362829.1

OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/TAL2

PFAM: HLH

archetype: ARCH473_bHLH80__ZSCAN4

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032362934.2

OG: Ets.HG1.11:EHF/ELF3/ELF5

PFAM: Ets

archetype: ARCH587_Elf3/Ehf/Elf5_Erg/F...

archetype family: Ets

assignment: archetype

2.0
1.5
1.0
0.5
0.0

Bits



Nvec_vc1.1_XM_032362959.2

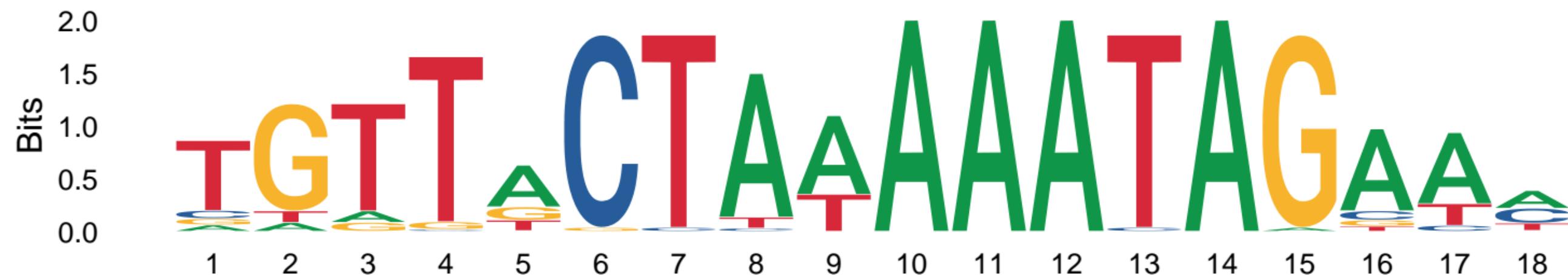
OG: MADS-box_SRF.HG1.1:like:BORCS8–MEF2B/MEF2A/MEF2B/MEF2C/MEF2D

PFAM: SRF-TF

archetype: ARCH1333_Mef2c/Mef2b/Mef2a/...

archetype family: MADS-box_SRF

assignment: archetype



Nvec_vc1.1_XM_032363017.2

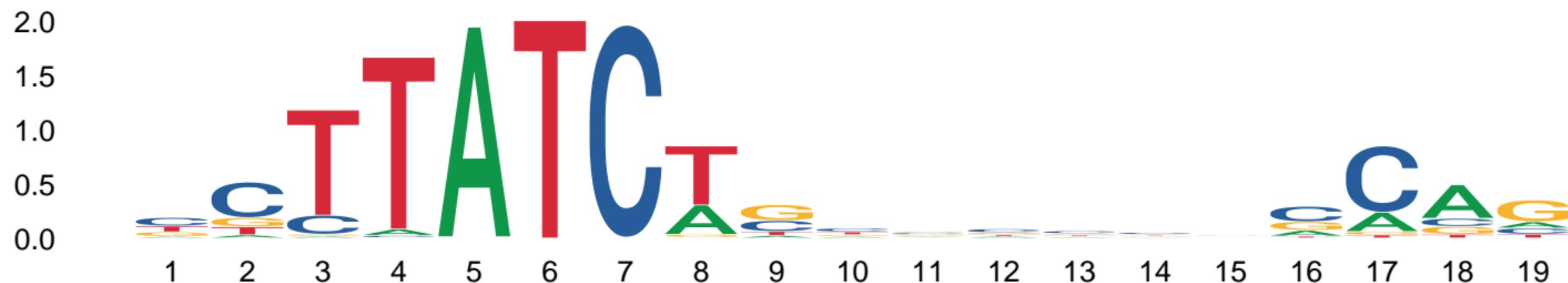
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/TAL2

PFAM: HLH

archetype: M08734_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_032363027.2

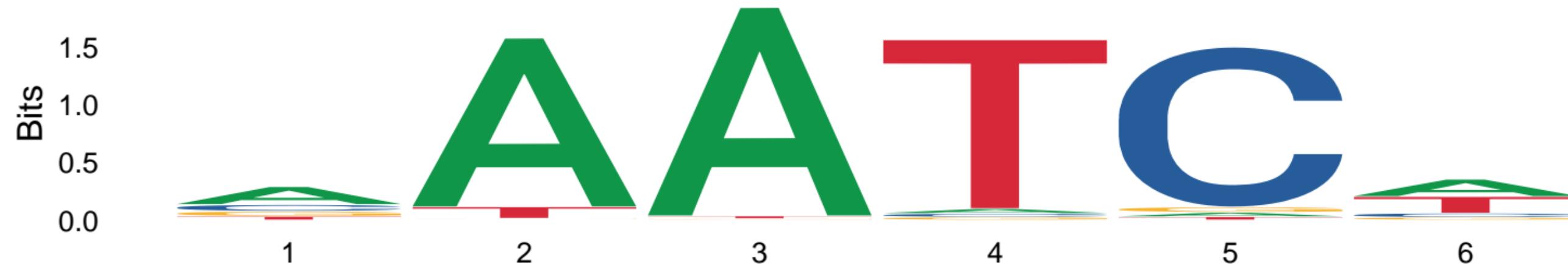
OG: zf-C2H2.HG19.1:PRDM14

PFAM: SET/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1200_Zfp760/Zfp770

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032363350.2

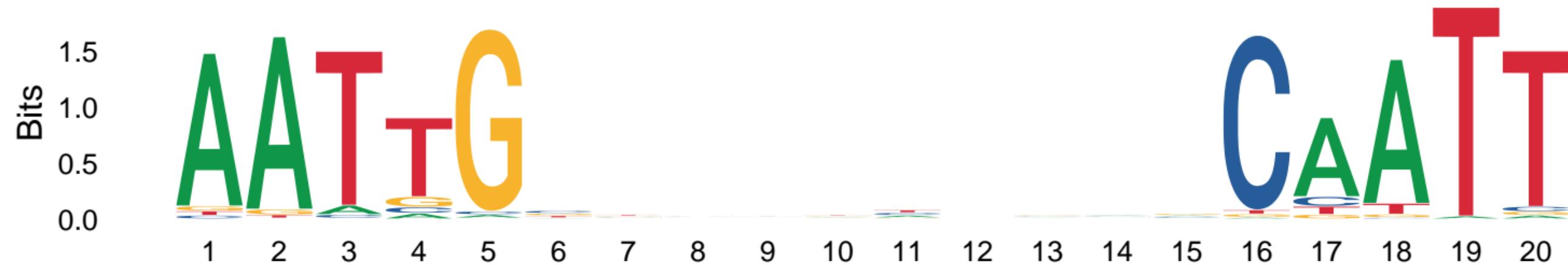
OG: Homeodomains.HG1.31:DLX1/DLX2/DLX3/DLX4/DLX5/DLX6

PFAM: Homeodomain

archetype: ARCH294_Emx1/Emx2_Hmx1/Hmx3...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032363417.2

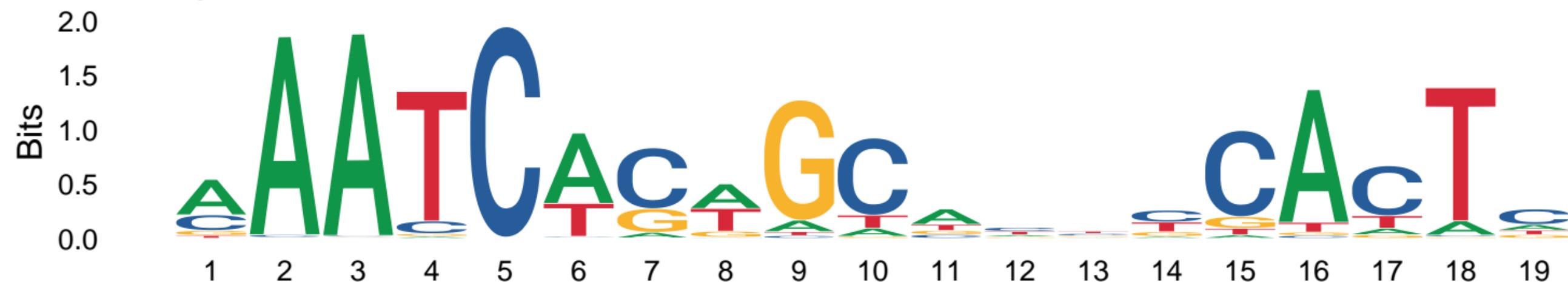
OG: zf-C2H2.HG3.2:ZBTB17

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032363603.2

OG: T-box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22

PFAM: T-box

archetype: ARCH862_Tbx18/Tbx22/Tbx15_T...

archetype family: T-box

assignment: archetype



Nvec_vc1.1_XM_032363733.2

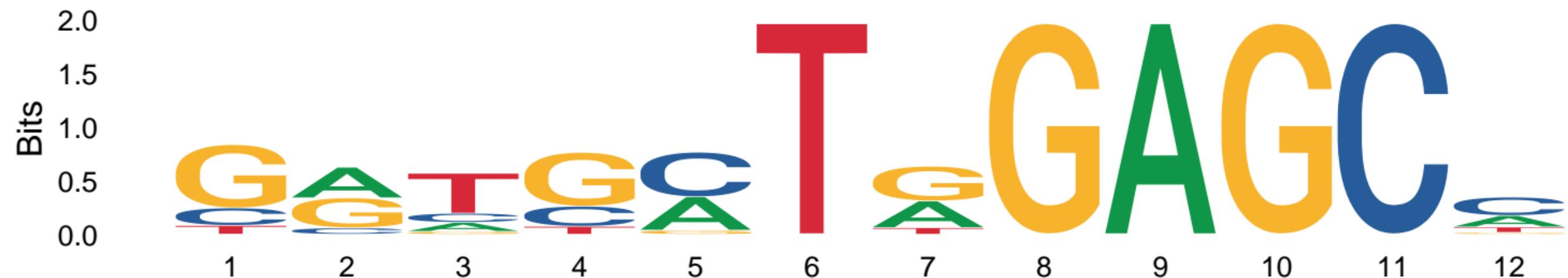
OG: zf-C2H2.HG1.62:ZBTB11

PFAM: zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_6/zf-C2H2

archetype: ARCH451_ZNF415

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032363859.2

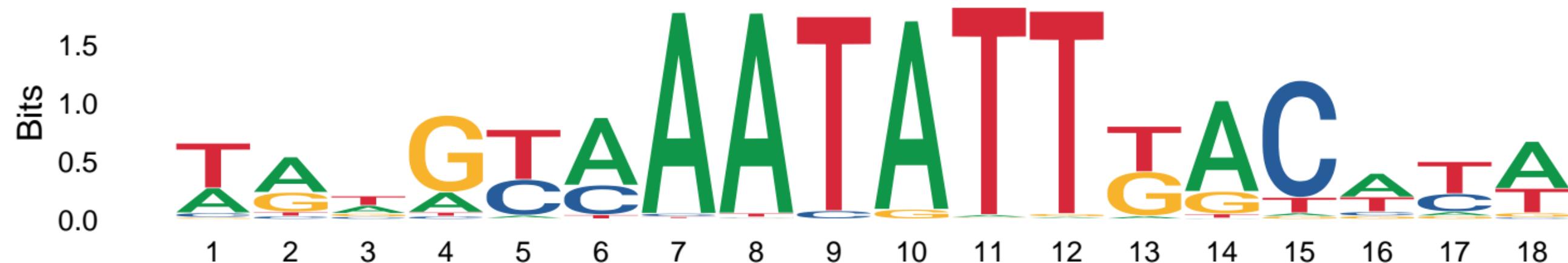
OG: Forkhead.HG1.32:FOXP2

PFAM: FOXP-CC/Forkhead

archetype: ARCH1004_Foxa3/Foxa1/Foxa2_...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_032363874.2

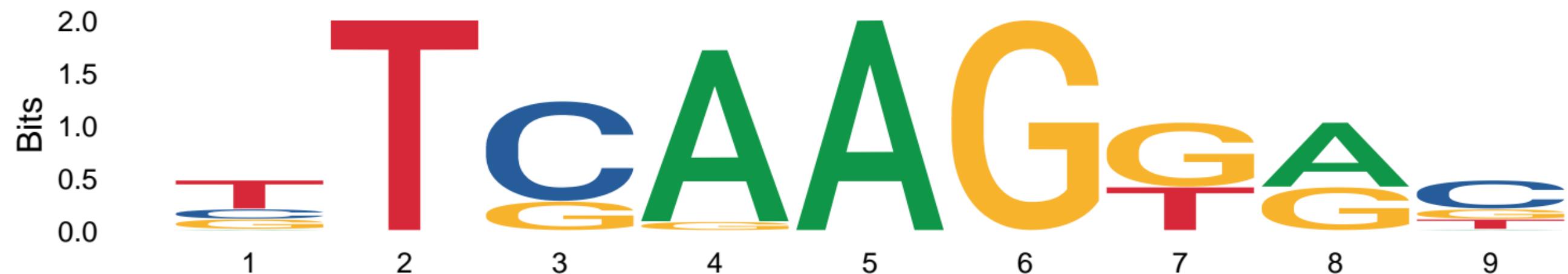
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2-1/NKX2-2/NKX2-3/NKX2-

PFAM: Homeodomain

archetype: ARCH1544_Nkx2-2/Nkx2-9

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032363920.2

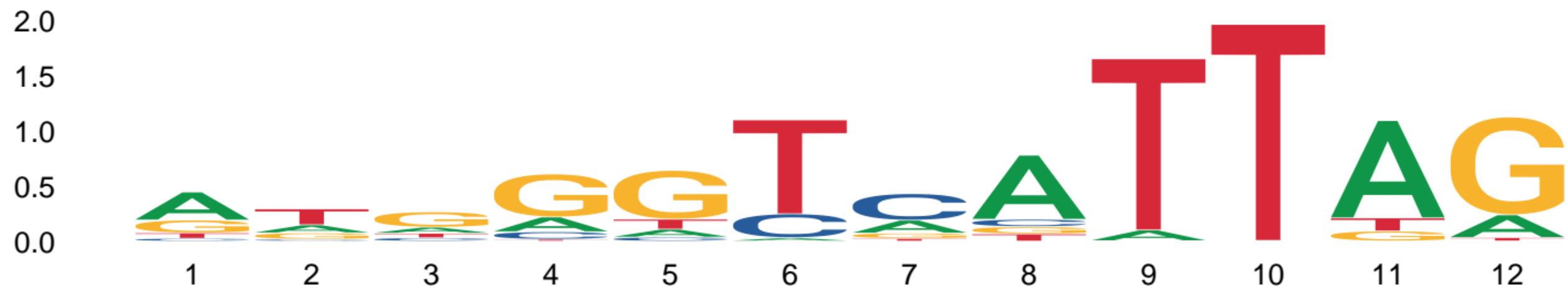
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2-1/NKX2-2/NKX2-3/NKX2-

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032363985.2
OG: bZIP.HG2.6:like:DBP/HLF/TEF
PFAM: bZIP_2
archetype: M02849_2.00
archetype family: bZIP
assignment: orthology



Nvec_vc1.1_XM_032363992.2 (Pou4)

OG: Homeodomains.HG4.6:POU4F1/POU4F2/POU4F3

PFAM: Pou/Homeodomain

archetype: ARCH56_POU4F1

archetype family: Pou/Homeodomain

assignment: archetype



Nvec_vc1.1_XM_032364001.2

OG: SMAD_MH1.HG1.6:SMAD1/SMAD5/SMAD9

PFAM: MH1/MH2

archetype: M06446_2.00

archetype family: SMAD_MH1

assignment: orthology

2.0

1.5

1.0

0.5

0.0

Bits

G

C

G

C

G

G

C

G

G

1

2

3

4

5

6

7

8

9

10

Nvec_vc1.1_XM_032364121.2

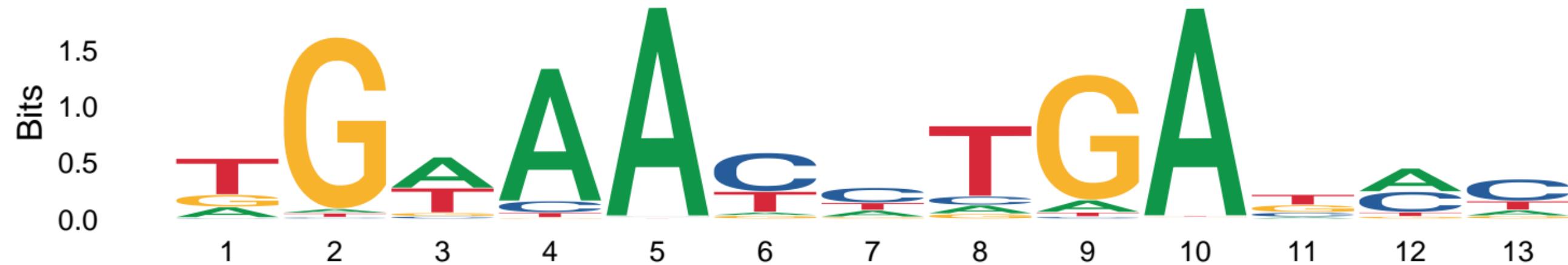
OG: Homeodomains.HG1.39:BARHL1/BARHL2

PFAM: Homeodomain

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032364139.2

OG: HLH.HG1.8:CCDC169–SOHLH2/SOHLH2

PFAM: HLH

archetype: M04097_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_032364195.2

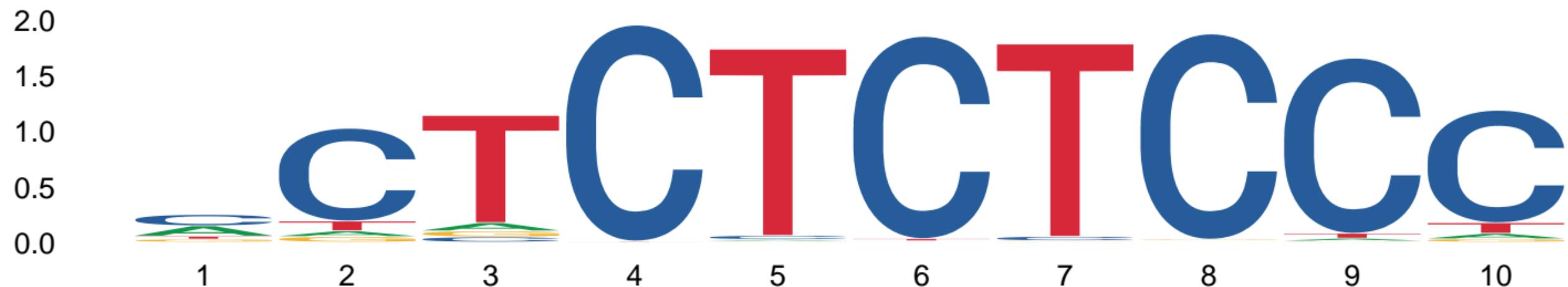
OG: zf-C2H2.HG3.22:like:HINFP/HIVEP2/HIVEP3/RREB1/YY1/YY2/ZFP42/ZFPM1/Z

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH497_M03679_2.00

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032364225.2

OG: HMGbox_Sox.HG1.64:like:HMG20B

PFAM: HMG_box

archetype: M02487_2.00

archetype family: HMGbox_Sox

assignment: orthology



Nvec_vc1.1_XM_032364281.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA-binding
archetype: ARCH1391_MYB113
archetype family: Myb
assignment: archetype



Nvec_vc1.1_XM_032364329.2

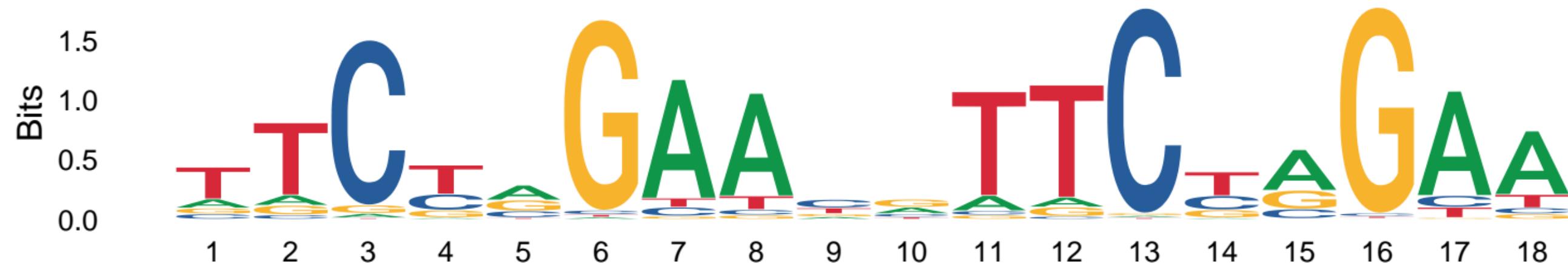
OG: HSF.HG1.5:HSF1/HSF2/HSF4

PFAM: HSF_DNA-bind/Vert_HS_TF

archetype: ARCH737_Hsf1/Hsf2/Hsf4/Hsf3

archetype family: HSF

assignment: archetype



Nvec_vc1.1_XM_032364331.2

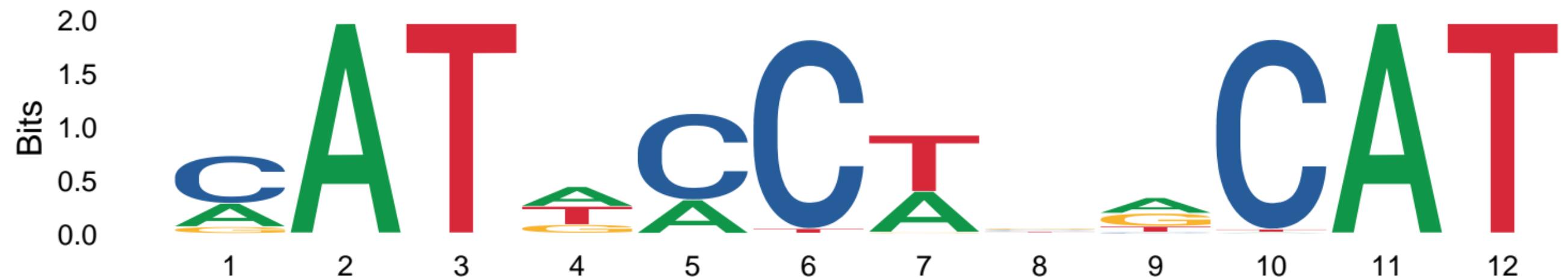
OG: TEA.HG1.0:TEAD1/TEAD2/TEAD3/TEAD4

PFAM: TEA

archetype: Nvec_vc1.1_XM_032364331.2_TEA.HG1.0:TEAD1/TEAD2/TEAD3/TEAD4_

archetype family: TEA

assignment: dapseq



Nvec_vc1.1_XM_032364348.2

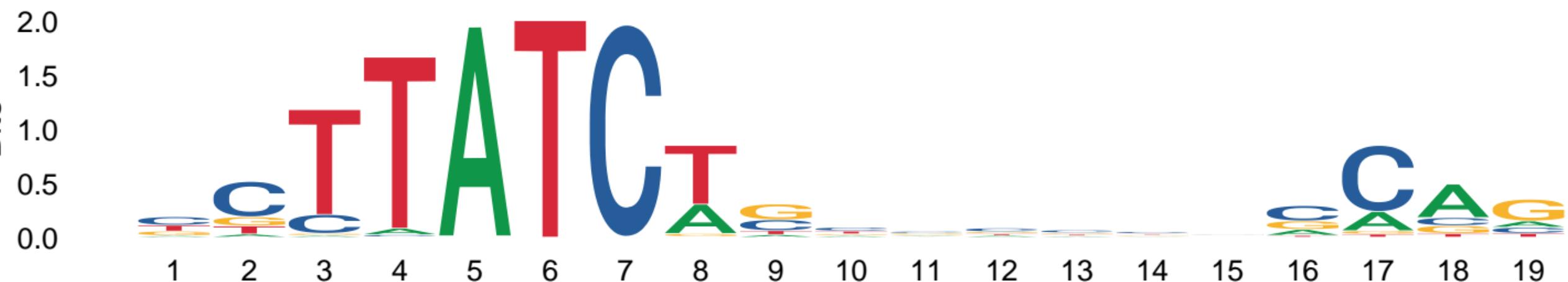
OG: HLH.HG1.34:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5/ATOH1/ATOH7/ATOH8/BH

PFAM: HLH

archetype: M08734_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_032364359.2

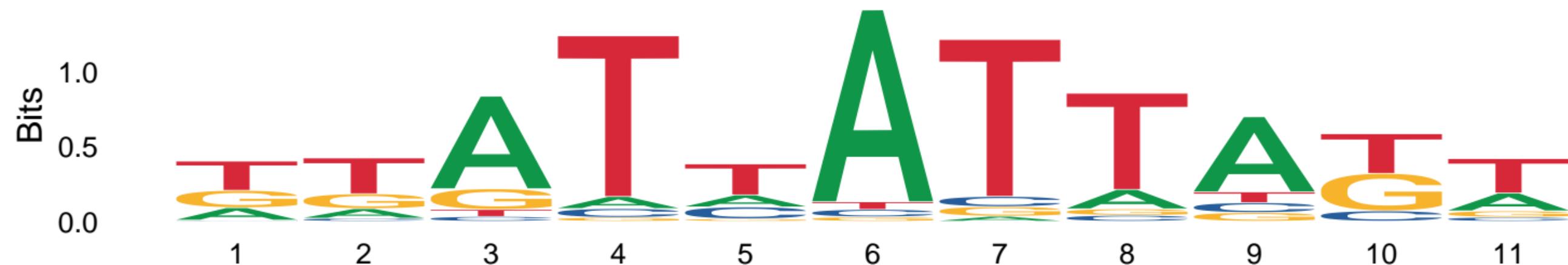
OG: HMGbox_Sox.HG1.40:TOX/TOX2/TOX3/TOX4

PFAM: HMG_box

archetype: ARCH21_Mael_Tox3/Tox/Tox2/Tox4

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032364373.2

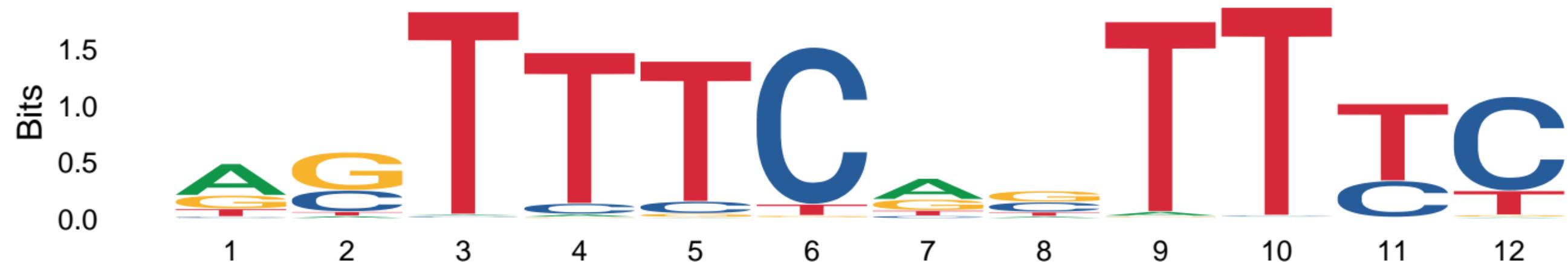
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9

PFAM: IRF

archetype: ARCH591_ISRE__IRF3__IRF8

archetype family: IRF

assignment: archetype



Nvec_vc1.1_XM_032364561.2

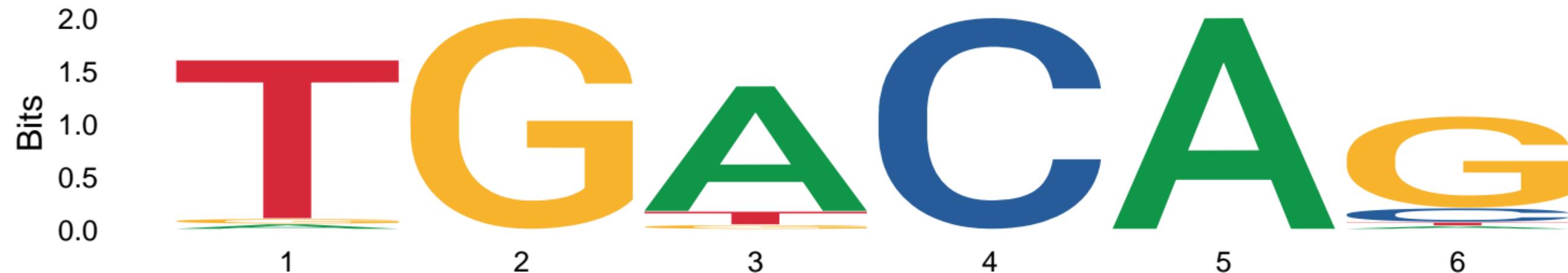
OG: Homeodomains.HG2.0:HNF1A/HNF1B

PFAM: HNF-1_N/Homeodomain

archetype: ARCH1503_Meis3/Meis2/Meis1_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032364605.2

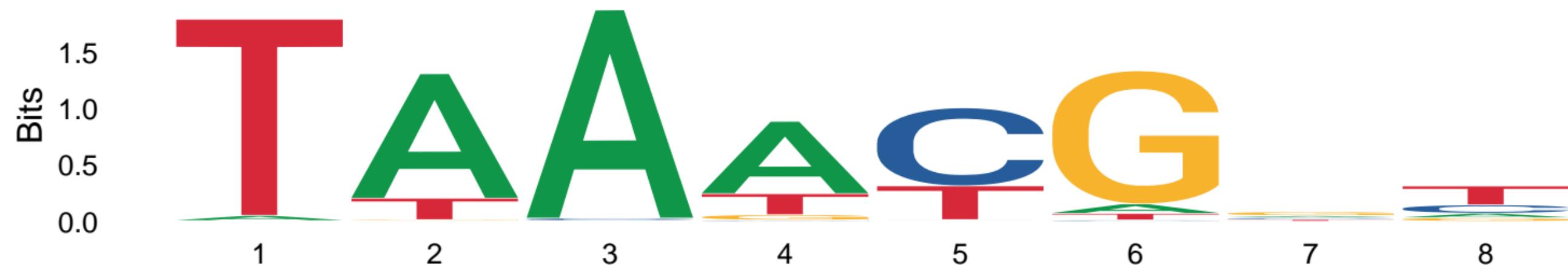
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX

PFAM: Homeodomain

archetype: ARCH1336_Alx3/Alx4/Alx1_Bar...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032364704.2

OG: zf-C2H2.HG4.1:like:GLI1/GLI2/GLI3/GLIS1/GLIS2/GLIS3

PFAM: zf-C2H2

archetype: ARCH346_Klf1/Klf4/Klf2_Klf1...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032364773.2 (NOTO)

OG: Homeodomains.HG1.59:like:NOTO

PFAM: Homeodomain

archetype: M02154_2.00

archetype family: Homeodomains

assignment: cisbp



Nvec_vc1.1_XM_032364784.2 (Hhex)

OG: Homeodomains.HG1.28:HHEX

PFAM: Homeodomain

archetype: ARCH927_Emx1/Emx2_Gbx1/Gbx2...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032364814.2

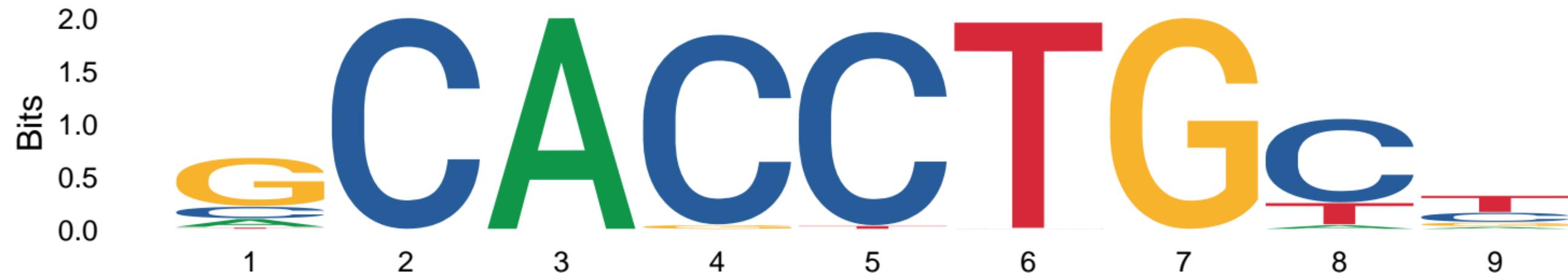
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH530_Snai2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032364851.2

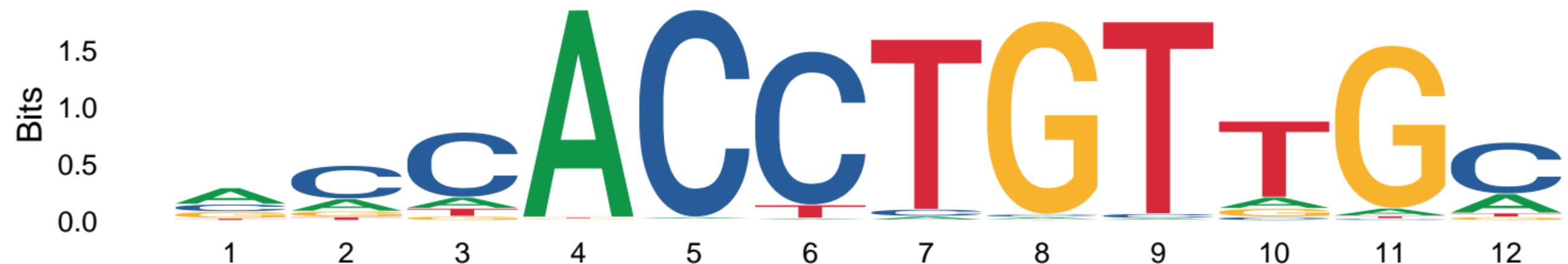
OG: zf-C2H2.HG1.32:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH861_Scrt2/Scrt1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032364887.2 (FoxL2)

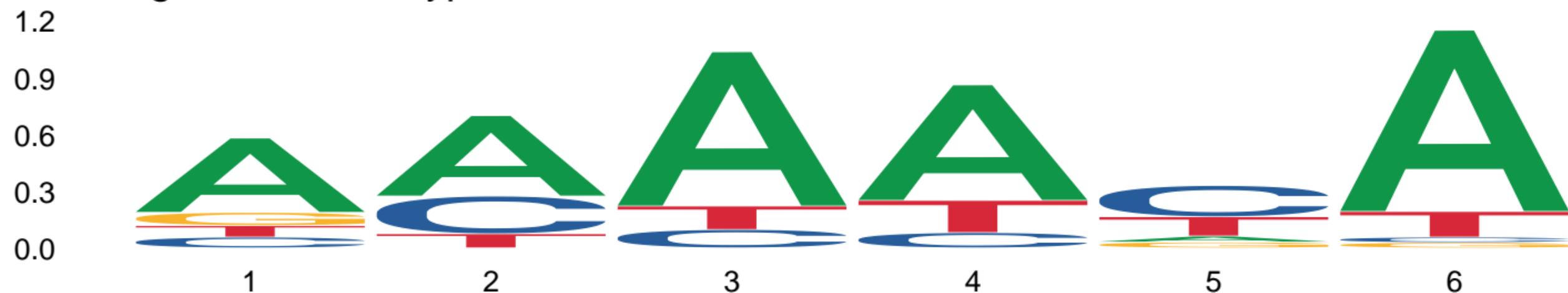
OG: Forkhead.HG1.20:FOXL2

PFAM: Forkhead

archetype: ARCH1102_Foxa3/Foxa1/Foxa2_...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_032364903.2

OG: zf-C2H2.HG1.57:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032365096.2 (Rfx4/6/8)

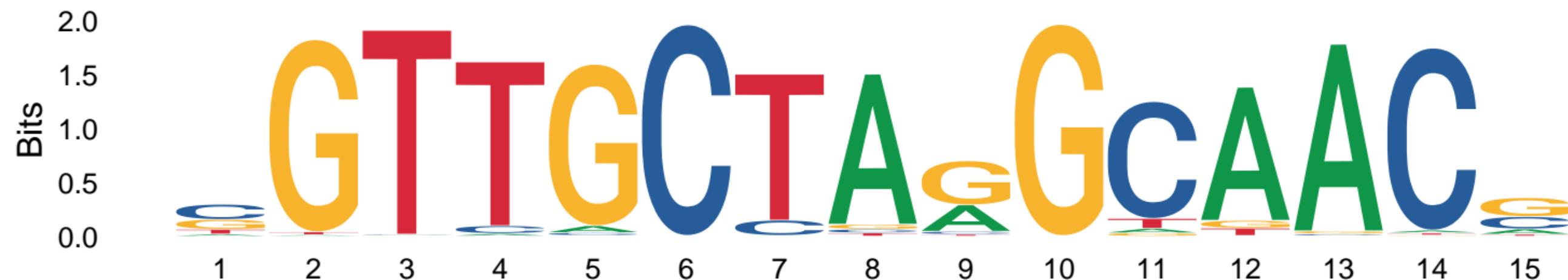
OG: RFX.HG1.7:RFX6

PFAM: RFX_DNA_binding

archetype: ARCH1359_Rfx1/Rfx3/Rfx2_Rfx6

archetype family: RFX

assignment: archetype



Nvec_vc1.1_XM_032365104.2

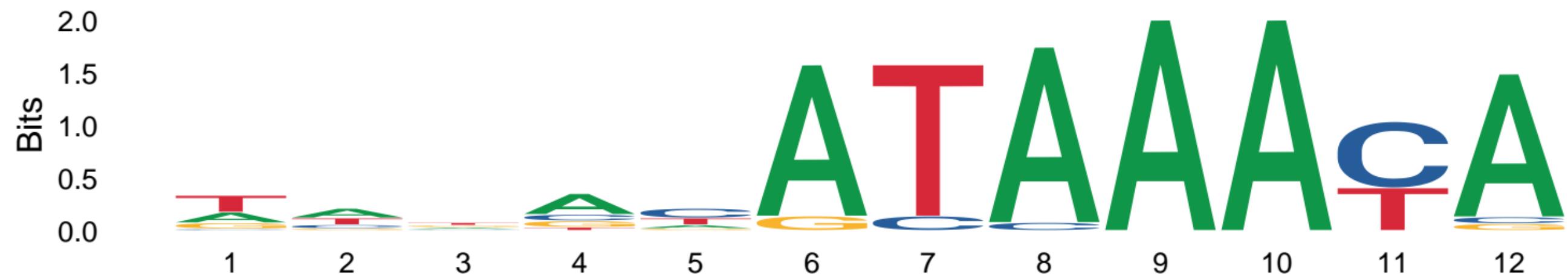
OG: Forkhead.HG1.34:like:FOXO1/FOXO3/FOXO3B/FOXO4/FOXO6

PFAM: Forkhead

archetype: ARCH1018_Foxc2/Foxc1_Foxd2/...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_032365192.2

OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCO

PFAM: HLH/PAS

archetype: ARCH867_ZEB1__PL0011.1_hlh-...

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032365212.2

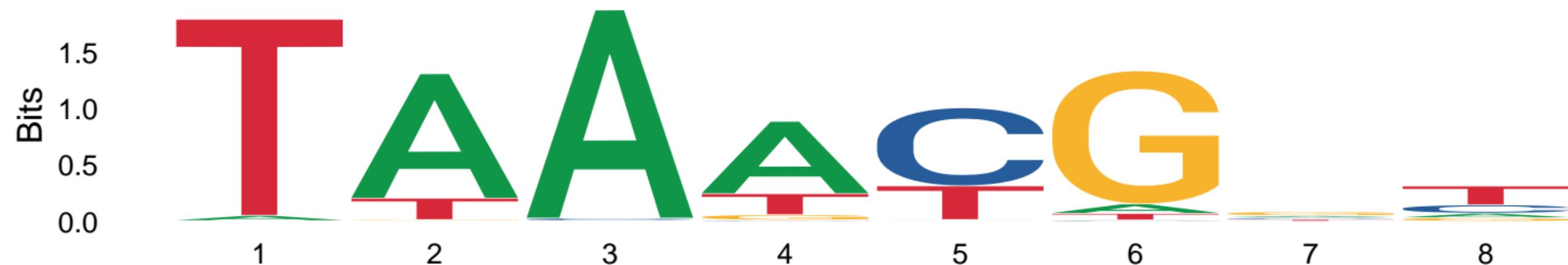
OG: Homeodomains.HG2.3:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/C

PFAM: Homeodomain

archetype: ARCH1336_Alx3/Alx4/Alx1_Bar...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032365977.2

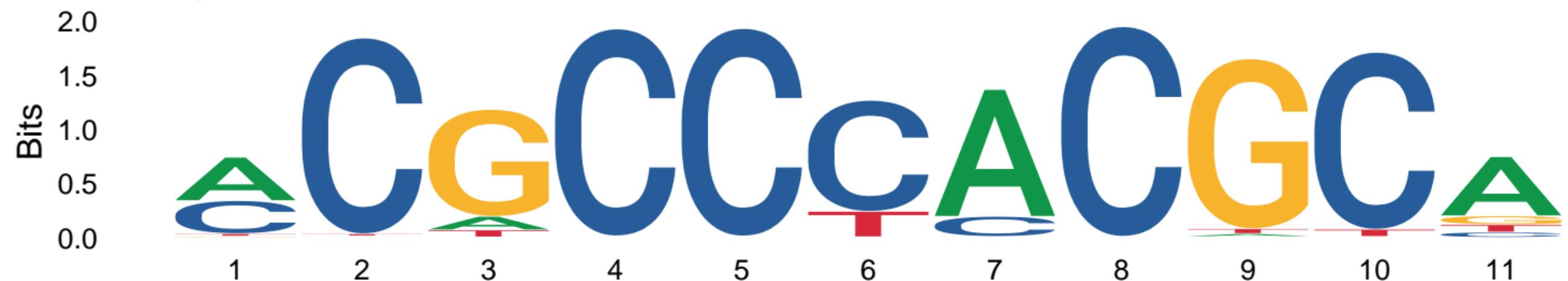
OG: zf-C2H2.HG1.33:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2

archetype: ARCH909_Egr3/Egr1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032366030.2

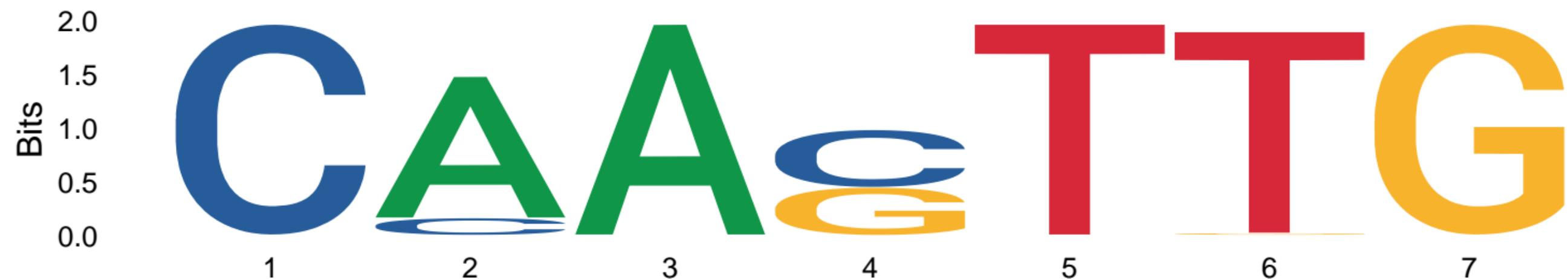
OG: HLH.HG1.5:like:CCDC169–SOHLH2/SOHLH1/SOHLH2

PFAM: HLH

archetype: ARCH1068_bHLH122

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032366085.2

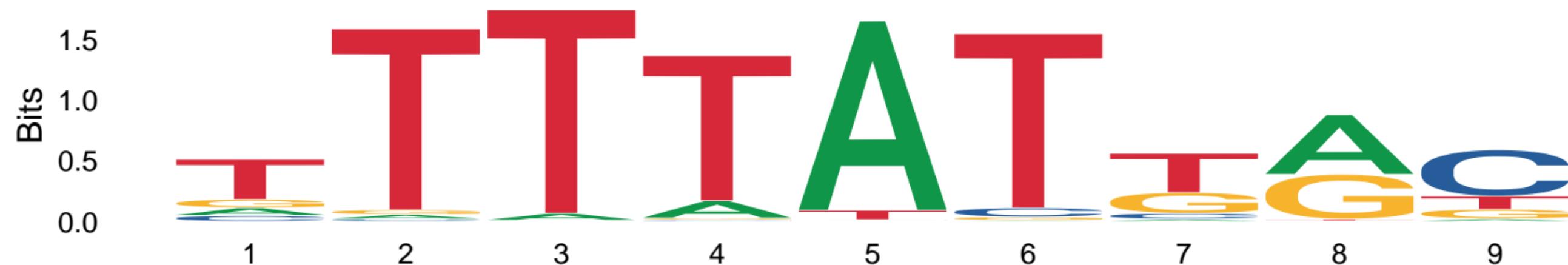
OG: Homeodomains.HG1.44:EMX1/EMX2

PFAM: Homeodomain

archetype: ARCH33_Hoxa1/Hoxb1/Hoxd1

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032366098.2 (Ptx1)

OG: HLH.HG1.29:MYC/MYCL/MYCN

PFAM: HLH

archetype: ARCH783_bHLH18__MNT

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032366210.2

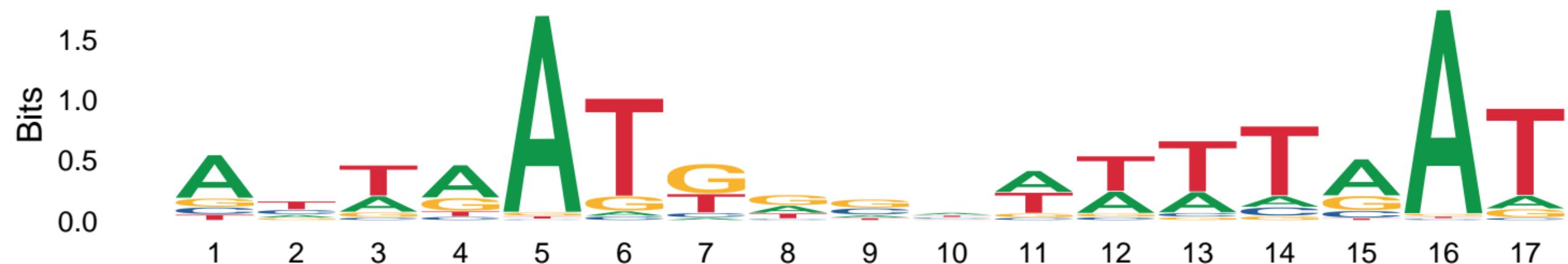
OG: Homeodomains.HG1.48:MSX1/MSX2

PFAM: Homeodomain

archetype: ARCH48_Hlx

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032366211.2

OG: Homeodomains.HG1.34:HMX1/HMX2/HMX3

PFAM: Homeodomain

archetype: ARCH1316_Hoxa1/Hoxb1/Hoxd1

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032366225.2

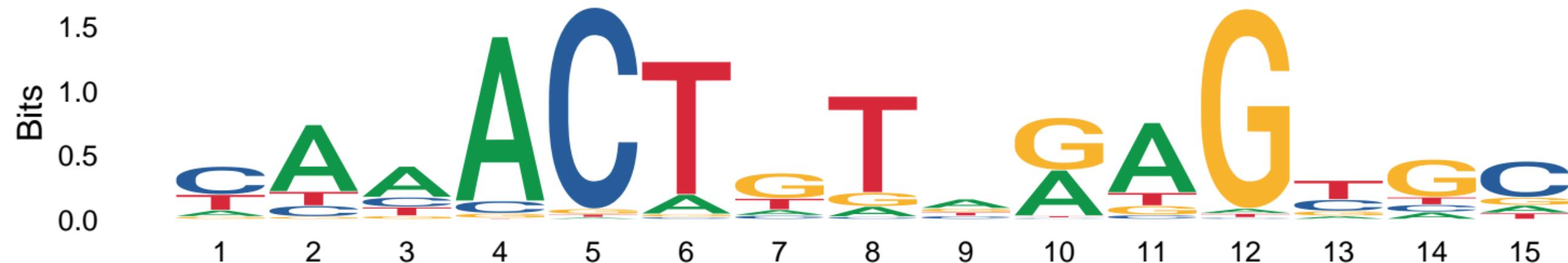
OG: zf-C2H2.HG2.5:KLF15

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1370_M05856_2.00

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032366242.2
OG: bZIP.HG2.12:like:DBP/HLF/TEF
PFAM: bZIP_2
archetype: M03653_2.00
archetype family: bZIP
assignment: orthology



Nvec_vc1.1_XM_032366602.2

OG: Ets.HG1.11:EHF/ELF3/ELF5

PFAM: SAM_PNT/Ets

archetype: ARCH584_Elf3/Ehf/Elf5_Erg/F...

archetype family: Ets

assignment: archetype

1.5

1.0

0.5

0.0



Nvec_vc1.1_XM_032366609.2

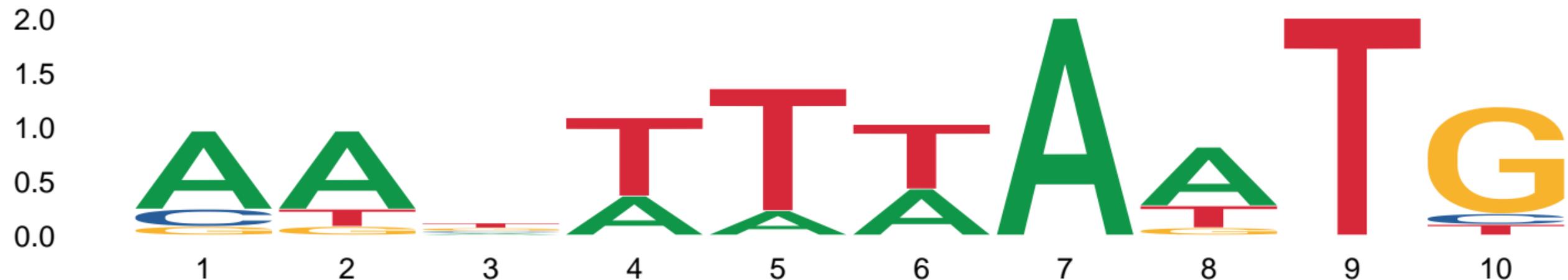
OG: Homeodomains.HG1.49:like:NOTO

PFAM: Homeodomain

archetype: ARCH52_Alx3/Alx4/Alx1_Barx2...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032366627.2

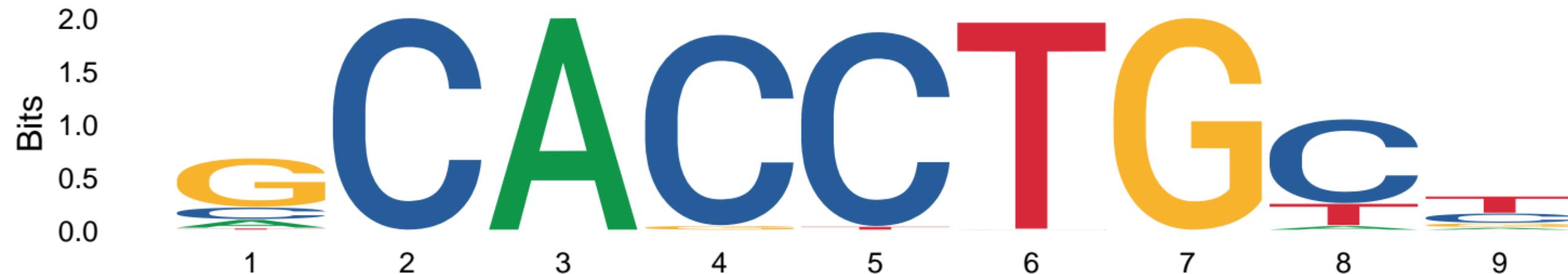
OG: zf-C2H2.HG1.44:EGR1/EGR2/EGR3/EGR4

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH530_Snai2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032366646.2

OG: ARID_BRIGHT.HG1.5:ARID5A/ARID5B

PFAM: ARID

archetype: ARCH1088_Arid5b/Arid5a

archetype family: ARID_BRIGHT

assignment: archetype



Nvec_vc1.1_XM_032366665.2

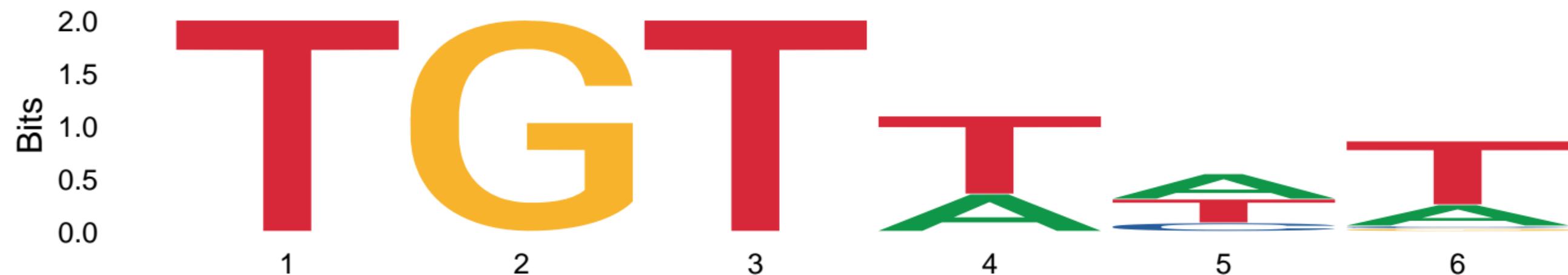
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX

PFAM: Homeodomain

archetype: ARCH1051_Irx6

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032366733.2 (Anthox1/Ax1)

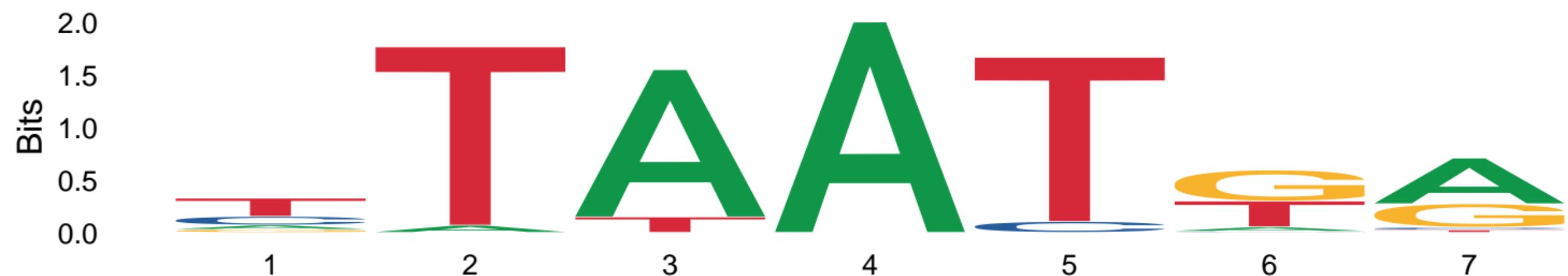
OG: Homeodomains.HG1.68:AC004080.3/AC012531.3/CDX1/CDX2/CDX4/HOXA4/HOXA5/HOXA6/HOXA7/HOXA8/HOXA9/HOXA10/HOXA11/HOXA12/HOXA13/HOXA14/HOXA15/HOXA16/HOXA17/HOXA18/HOXA19/HOXA20

PFAM: Homeodomain

archetype: M06267_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_032366739.2
OG: HMGbox_Sox.HG1.65:HMG20B
PFAM: HMG_box
archetype: M02487_2.00
archetype family: HMGbox_Sox
assignment: orthology



Nvec_vc1.1_XM_032366790.2

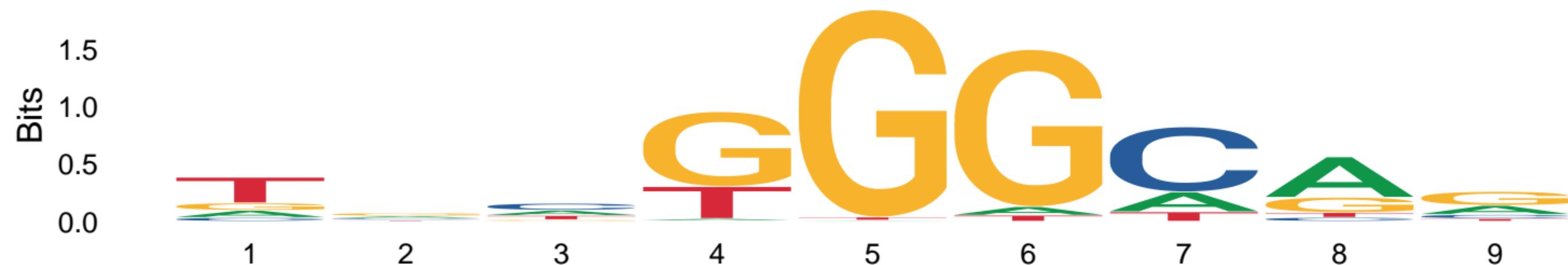
OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/T

PFAM: THAP

archetype: ARCH525_M08176_2.00

archetype family: THAP_finger

assignment: archetype



Nvec_vc1.1_XM_032366797.2
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA-binding
archetype: ARCH193_MYB116
archetype family: Myb
assignment: archetype



Nvec_vc1.1_XM_032366836.2

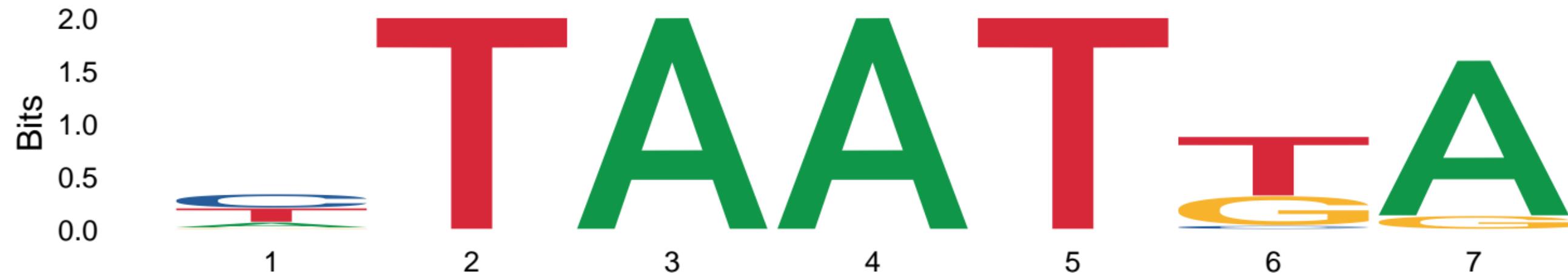
OG: Homeodomains.HG1.54:like:NOTO

PFAM: Homeodomain

archetype: M06354_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_032366964.2

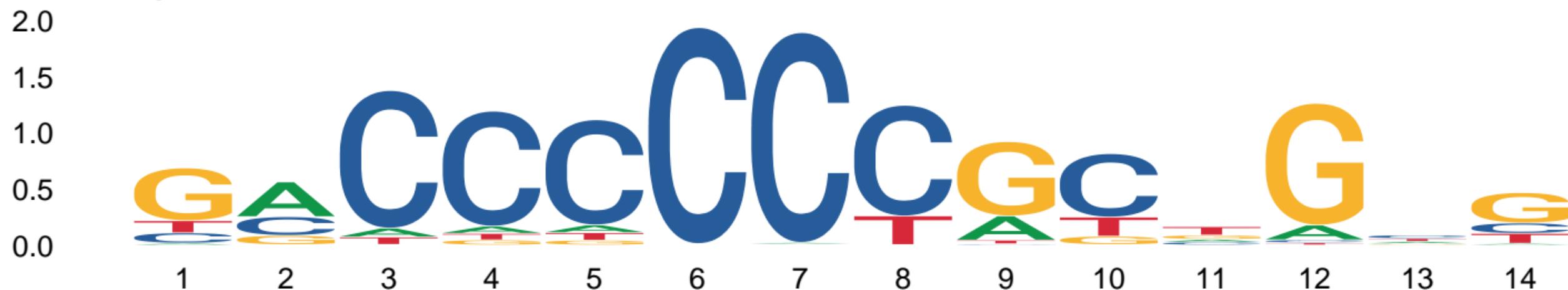
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_6

archetype: ARCH353_M06062_2.00__M06468...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032366979.2

OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX

PFAM: Homeodomain

archetype: ARCH1546_Meis3/Meis2/Meis1_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032367023.2

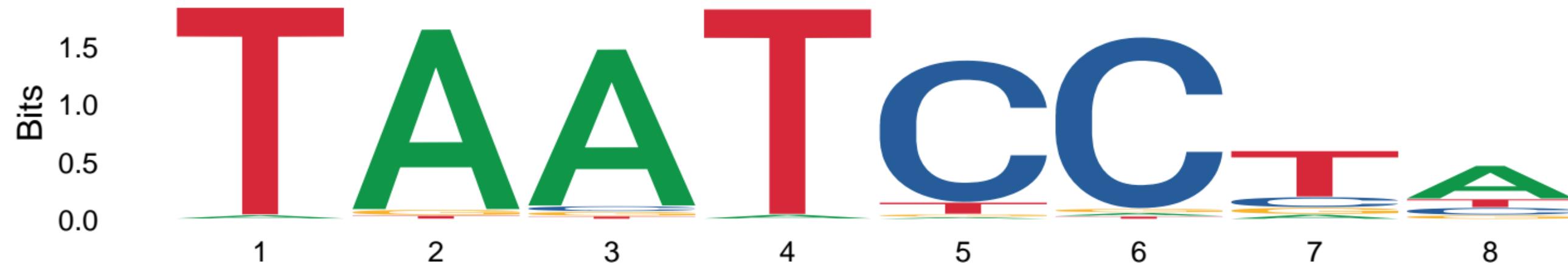
OG: Homeodomains.HG1.47:like:MSX1/MSX2

PFAM: Homeodomain

archetype: ARCH1437_

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032367075.2

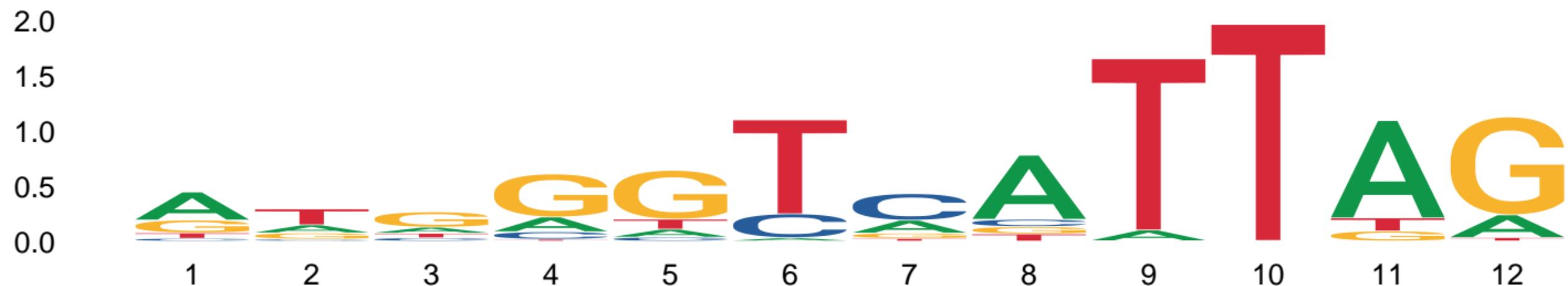
OG: Homeodomains.HG1.66:like:GSX1/GSX2

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032367127.2

OG: bZIP.HG2.10:DBP/HLF/TEF

PFAM: bZIP_2

archetype: Nvec_vc1.1_XM_032367127.2_bZIP.HG2.10:DBP/HLF/TEF_241030_home

archetype family: bZIP

assignment: dapseq



Nvec_vc1.1_XM_032367197.2

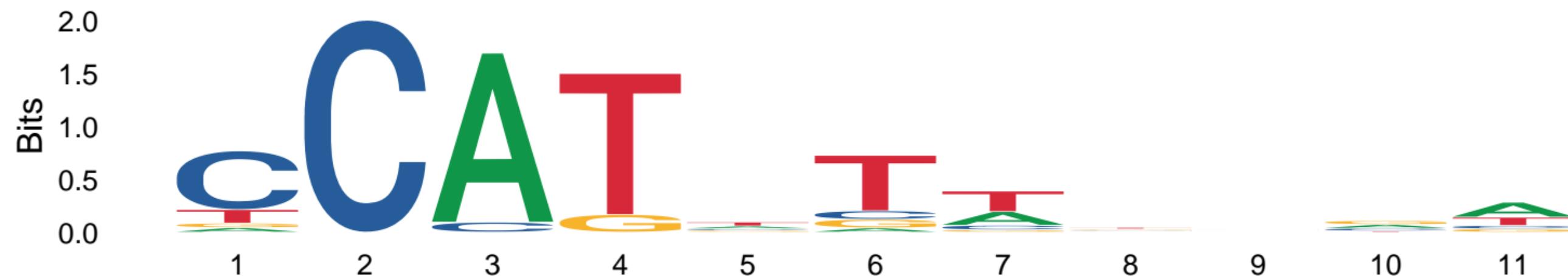
OG: zf-C2H2.HG18.0:ZNF277

PFAM: zf-C2H2_2/zf-C2H2_2

archetype: ARCH1311_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032367288.2 (GATA)

OG: GATA.HG1.5:GATA1/GATA2/GATA3/GATA4/GATA5/GATA6/TRPS1

PFAM: GATA/GATA

archetype: ARCH1455_Gata3/Gata1/Gata2

archetype family: GATA

assignment: archetype



Nvec_vc1.1_XM_032367750.2

OG: Myb.HG1.10:RCOR1/RCOR2/RCOR3

PFAM: Myb_DNA-binding

archetype: ARCH1489_0610010K14Rik

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_032367802.2

OG: zf-C2H2.HG2.9:like:KLF3/KLF5/KLF6/KLF7/KLF8/KLF12

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032368799.2

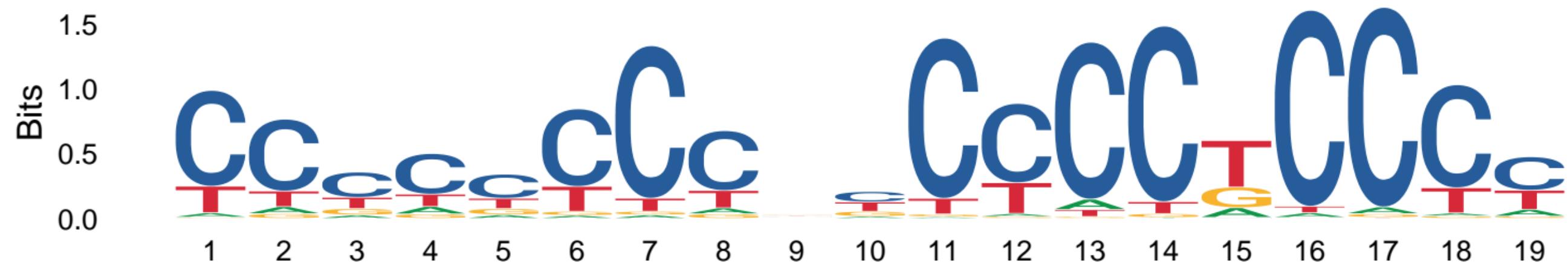
OG: zf-C2H2.HG1.130:ZBTB45

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH361_Klf15

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032369367.2

OG: HLH.HG1.69:ASCL3/ASCL4/ASCL5

PFAM: HLH

archetype: Ascl3/Ascl5/Ascl4_241030_streme

archetype family: HLH

assignment: dapseq



Nvec_vc1.1_XM_032369437.2
OG: zf-C2H2.HG2.20:KLF6/KLF7
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
archetype: ARCH1345_Gfi1b/Gfi1
archetype family: zf-C2H2
assignment: archetype



Nvec_vc1.1_XM_032369810.2

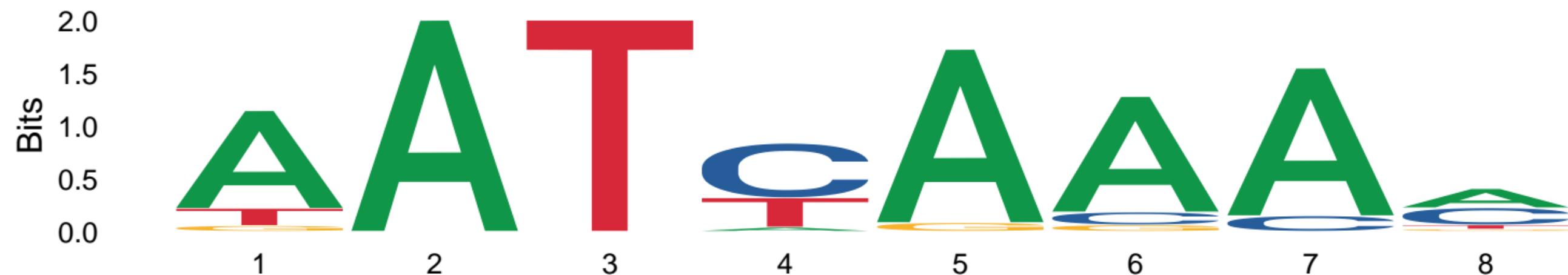
OG: ARID_BRIGHT.HG1.7:like:ARID1A/ARID1B/ARID3A/ARID3B/ARID3C

PFAM: ARID/BAF250_C

archetype: ARCH64_Arid2_Arid3c/Arid3a/...

archetype family: ARID_BRIGHT

assignment: archetype



Nvec_vc1.1_XM_032370011.2

OG: Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3

PFAM: Homeodomain

archetype: ARCH103_Hnf1a/Hnf1b

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032370013.2

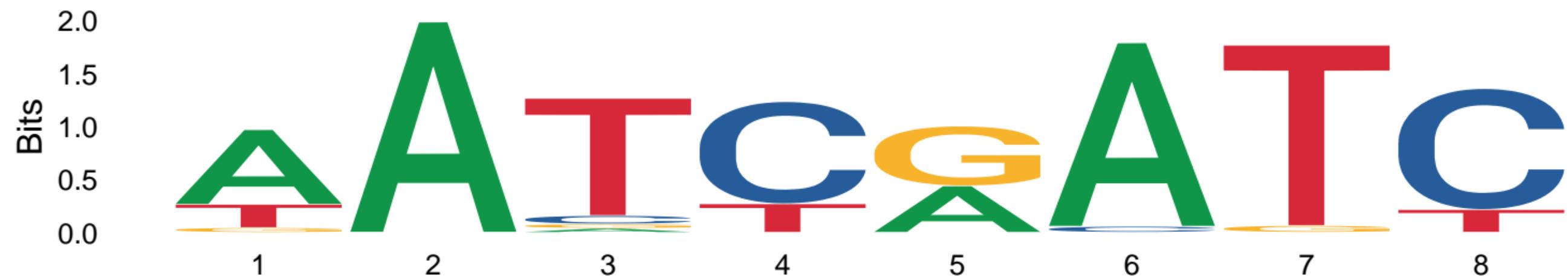
OG: Homeodomains.HG1.37:NKX6-1/NKX6-2/NKX6-3

PFAM: Homeodomain

archetype: ARCH70_M02142_2.00

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032370269.2

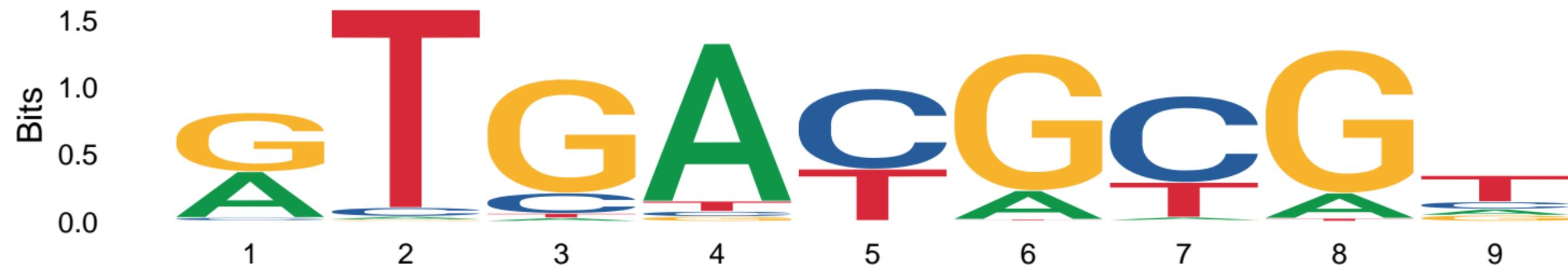
OG: bZIP.HG3.3:like:MAF/MAFA/MAFB/NRL

PFAM: bZIP_Maf

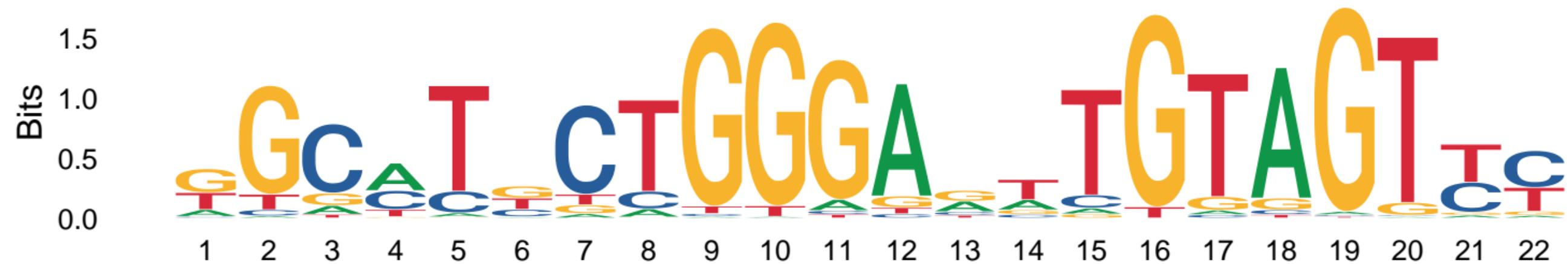
archetype: ARCH1583_Crem/Creb1/Atf1

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_032370334.2
OG: THAP_finger.HG1.20:like:THAP11
PFAM: THAP
archetype: M09441_2.00
archetype family: THAP_finger
assignment: orthology



Nvec_vc1.1_XM_032370541.2

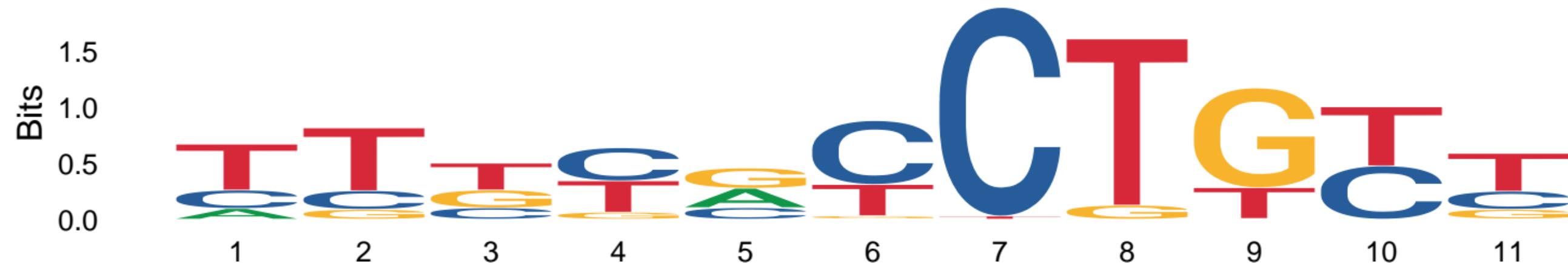
OG: SMAD_MH1.HG1.1:SMAD4

PFAM: MH1/MH2

archetype: ARCH662_Smad4

archetype family: SMAD_MH1

assignment: archetype



Nvec_vc1.1_XM_032370623.2

OG: E2F_TDP.HG1.0:E2F7/E2F8

PFAM: E2F_TDP/E2F_TDP

archetype: ARCH1220_/E2f4_E2f6_E2f8/E2f7

archetype family: E2F_TDP

assignment: archetype



Nvec_vc1.1_XM_032370984.2 (AshA)

OG: HLH.HG1.58:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5

PFAM: HLH

archetype: AshA_250224_streme

archetype family: HLH

assignment: dapseq



Nvec vc1.1 XM 032371091.2

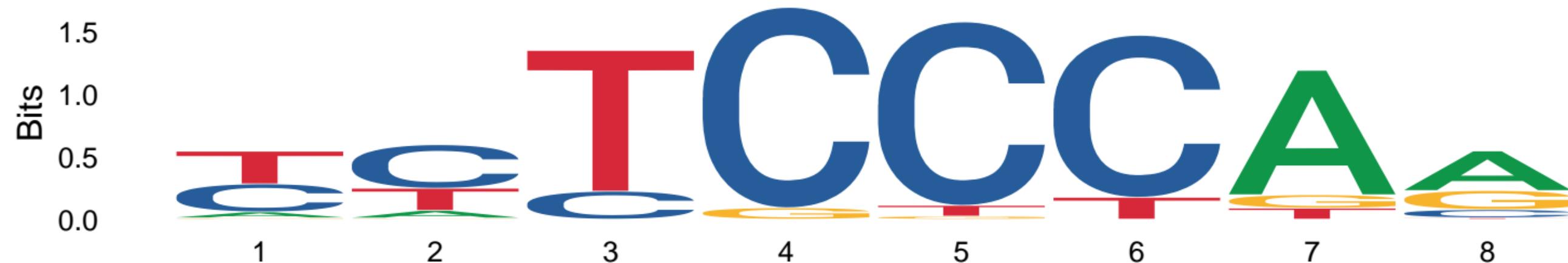
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH822 M08939 2.00 M10306..

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032371093.2

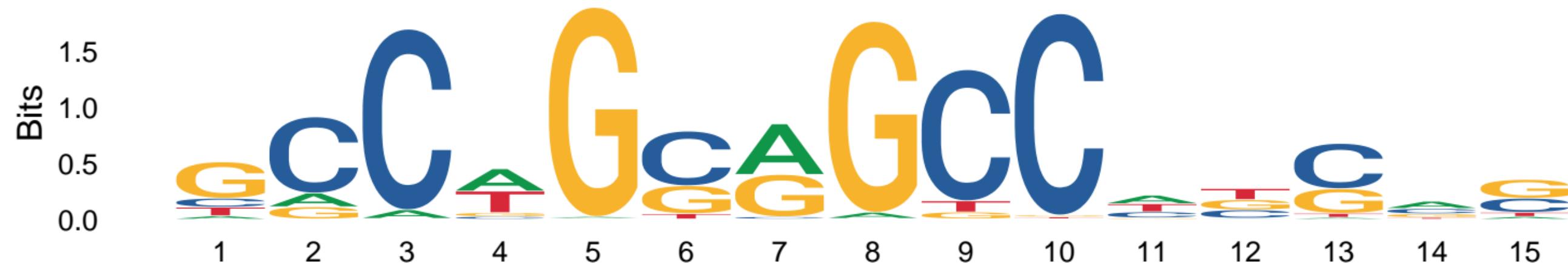
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH529_Rslcan18/Gm28557/Zf...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032371094.2

OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_11/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032371469.2

OG: Homeodomains.HG3.4:SATB1/SATB2/ZHX1/ZHX2/ZHX3

PFAM: CSTF1 dimer/CUT

archetype: ARCH121_Nfya_Pbx4/Pbx2/Pbx1

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032371845.2

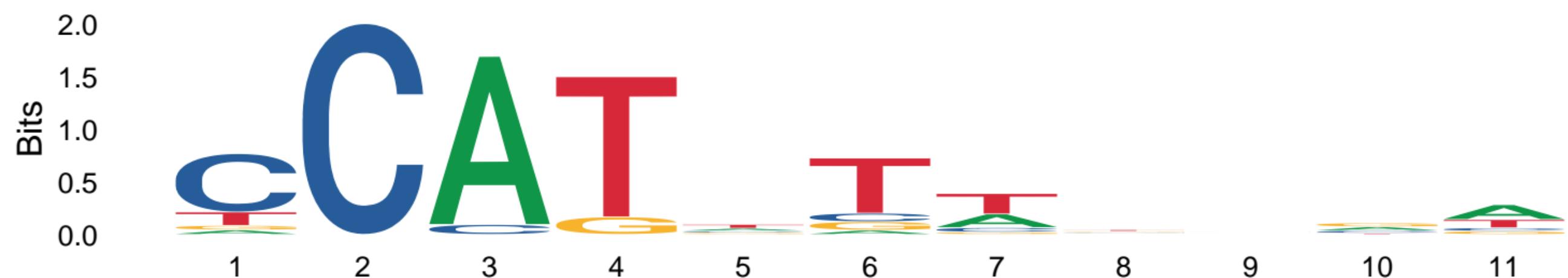
OG: zf-C2H2.HG1.212:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1311_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032371859.2

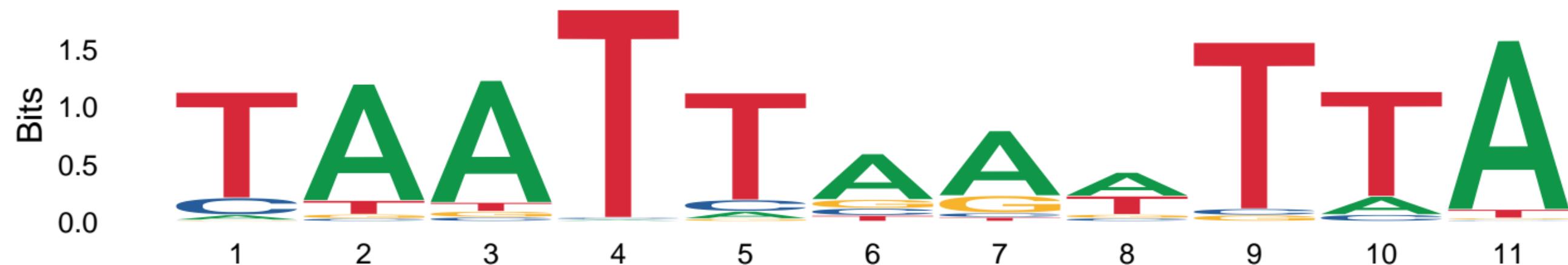
OG: Homeodomains.HG1.56:like:EN1/EN2

PFAM: Homeodomain

archetype: ARCH233_Alx3/Alx4/Alx1_Barx...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032371996.2

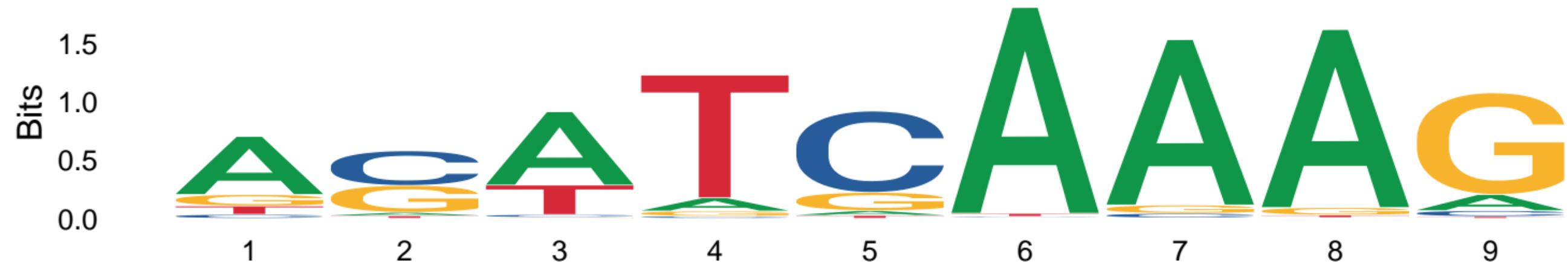
OG: HMGbox_Sox.HG1.53:LEF1/TCF7/TCF7L1/TCF7L2

PFAM: HMG_box

archetype: ARCH1158_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032372072.2

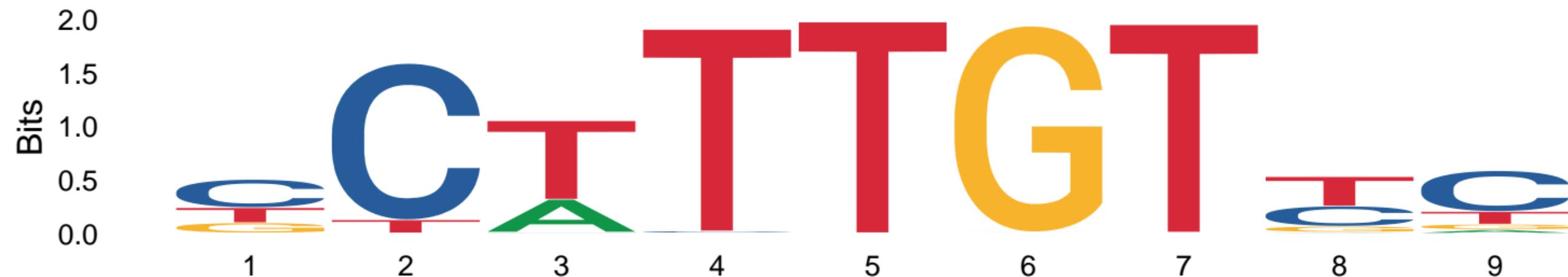
OG: HMGbox_Sox.HG1.52:like:LEF1/TCF7/TCF7L1/TCF7L2

PFAM: HMG_box/zf-C2H2/zf-C2H2

archetype: ARCH1164_/Sox4/Sox11_Sox13/...

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032372114.2

OG: bZIP.HG1.8:ATF4/ATF5

PFAM: bZIP_1

archetype: ARCH944_M04019_2.00__bHLH34

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_032372258.2

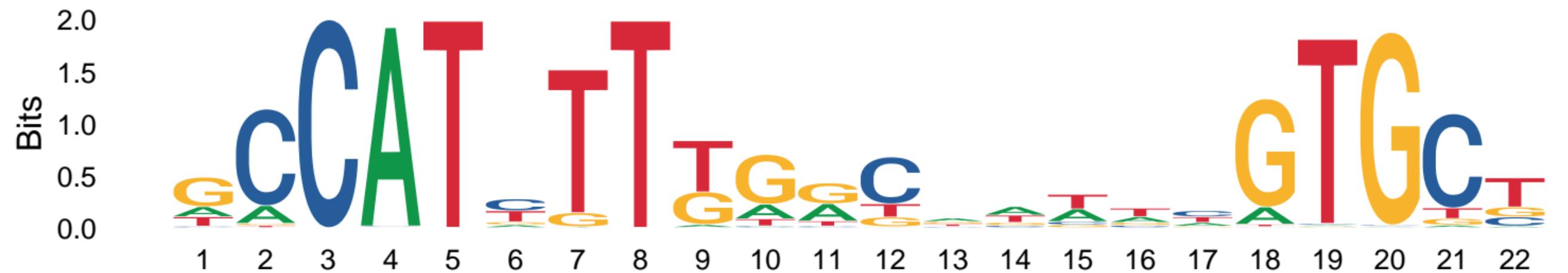
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_11/

archetype: ARCH1255_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032372264.2 (NvSoxC)

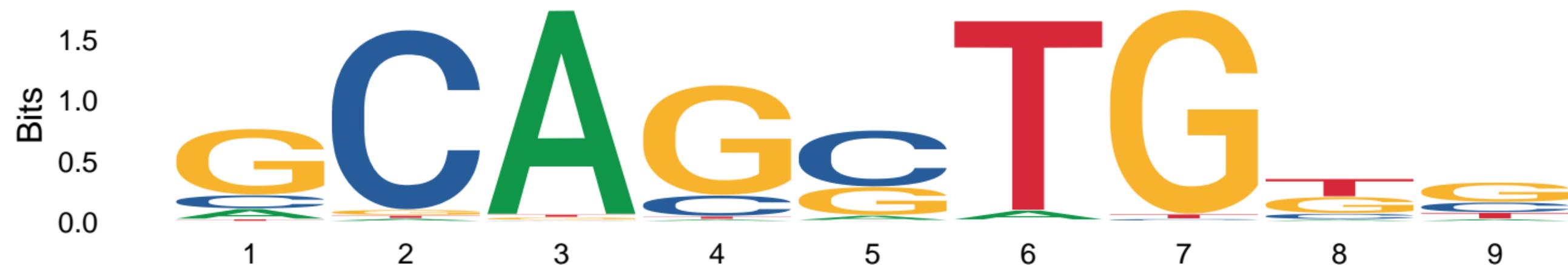
OG: HMGbox_Sox.HG1.11:SOX4/SOX11/SOX12

PFAM: HMG_box

archetype: ARCH482_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032372575.2

OG: Myb.HG2.2:NA

PFAM: MADF_DNA_bdg

archetype: ARCH511_MYB88

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_032372867.2

OG: zf-C2H2.HG1.49:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1368_M04483_2.00__M0448...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032372883.2

OG: Myb.HG1.10:RCOR1/RCOR2/RCOR3

PFAM: ELM2/Myb_DNA-binding

archetype: ARCH153_Msantd2_Rcor1/Rcor2...

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_032372904.2

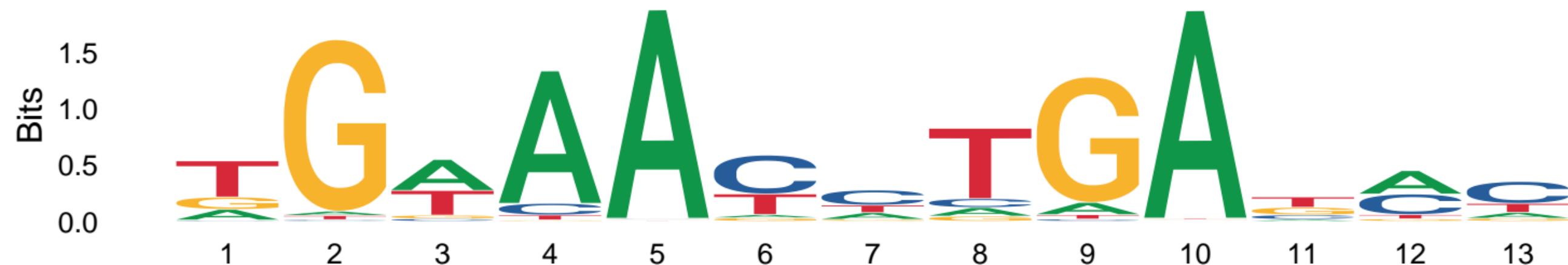
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/C

PFAM: Homeodomain

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032373020.2

OG: zf-C2H2.HG23.0:ZNF34

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_6/zf-C2H2

archetype: Fezf2_250224_dimont

archetype family: zf-C2H2

assignment: dapseq



Nvec_vc1.1_XM_032373062.2

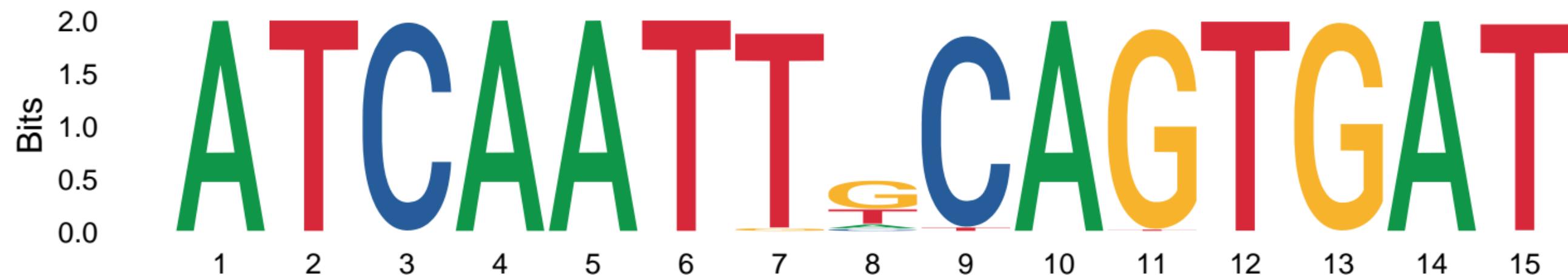
OG: HMGbox_Sox.HG1.14:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY

PFAM: HMG_box

archetype: ARCH142_/Sox4/Sox11_Sox13/S...

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032373099.2

OG: Homeodomains.HG4.10:POU3F1/POU3F2/POU3F3/POU3F4

PFAM: Pou/Homeodomain

archetype: M09227_2.00

archetype family: Pou/Homeodomain

assignment: orthology



Nvec_vc1.1_XM_032373496.2

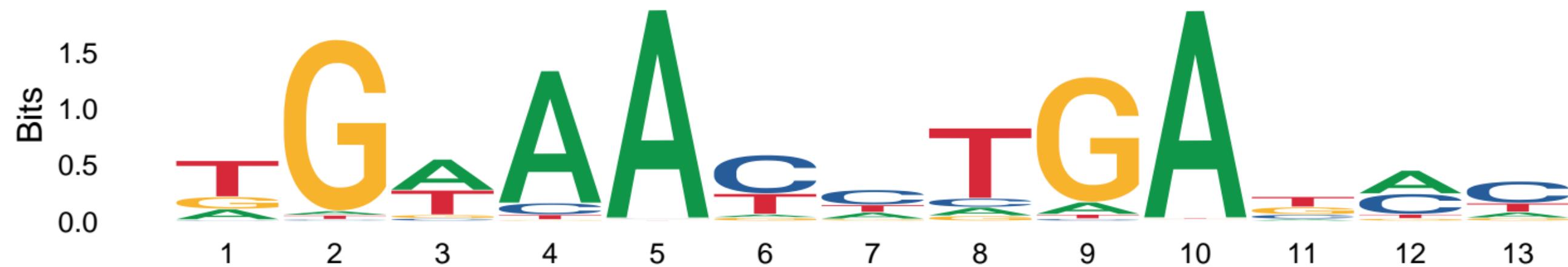
OG: Homeodomains.HG1.64:MEOX1/MEOX2

PFAM: Homeodomain

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032373497.2

OG: Homeodomains.HG1.63:like:MEOX1/MEOX2

PFAM: Homeodomain

archetype: ARCH637_Six1/_Six3/Six6_Six...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032373617.2

OG: Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX2-3/NKX2-4/NKX2-5/NKX2-6/NK

PFAM: Homeodomain

archetype: ARCH1502_Meis3/Meis2/Meis1_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032373618.2 (Nkx-2.2a)

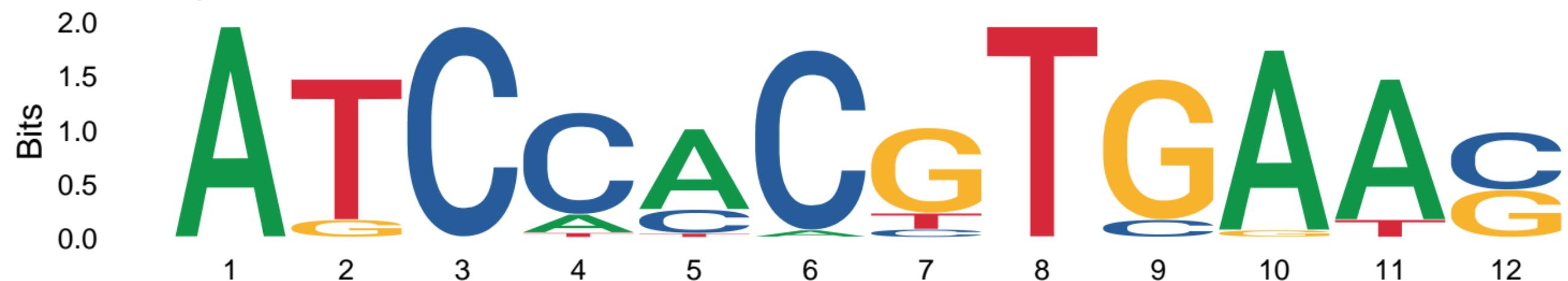
OG: Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX2-3/NKX2-4/NKX2-5/NKX2-6/NK

PFAM: Homeodomain

archetype: Nkx-2.2a_241030_streme

archetype family: Homeodomains

assignment: dapseq



Nvec_vc1.1_XM_032373624.2

OG: bZIP.HG1.2:BACH1/BACH2/NFE2/NFE2L1/NFE2L2/NFE2L3

PFAM: bZIP_Maf

archetype: Nfe2l2/Nfe2l3/Bach2/Nfe2l1/Nfe2/Bach1_241030_streme

archetype family: bZIP

assignment: dapseq



Nvec_vc1.1_XM_032373800.2

OG: zf-C2H2.HG1.38:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH866_ZNF317

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032373943.2

OG: zf-C2H2.HG130.1:NA

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH827_Vezf1/Maz

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032374029.2

OG: bZIP.HG1.6:JUN/JUNB/JUND

PFAM: Jun/bZIP_1

archetype: M04339_2.00

archetype family: bZIP

assignment: orthology



Nvec_vc1.1_XM_032374041.2

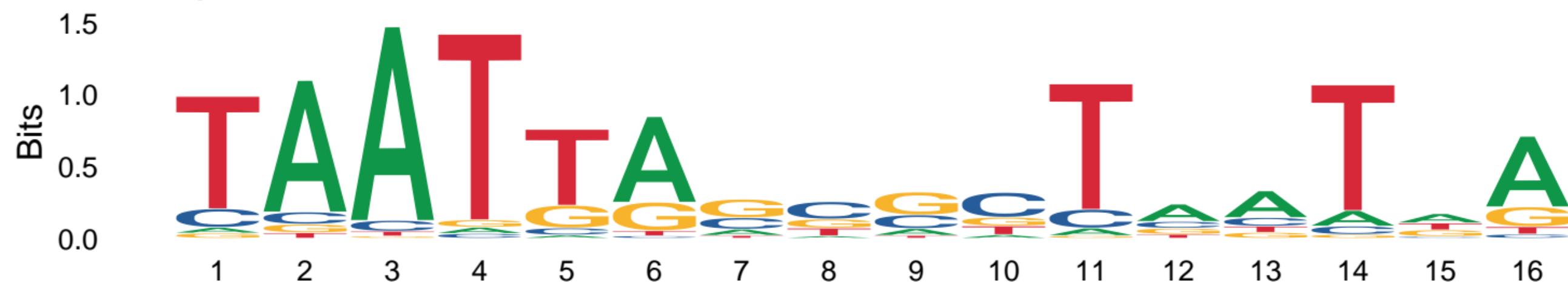
OG: Homeodomains.HG2.9:LHX6/LHX8/ZFHX2/ZFHX3/ZFHX4

PFAM: LIM/LIM/Homeodomain

archetype: ARCH316_Alx3/Alx4/Alx1_Barx...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032374352.2

OG: Forkhead.HG1.9:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2

PFAM: Forkhead

archetype: ARCH1060_FOXH1

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_032374382.2

OG: zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032374843.2 (Tbx1/10–1)

OG: T-box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22

PFAM: T-box

archetype: ARCH862_Tbx18/Tbx22/Tbx15_T...

archetype family: T-box

assignment: archetype



Nvec_vc1.1_XM_032374864.2

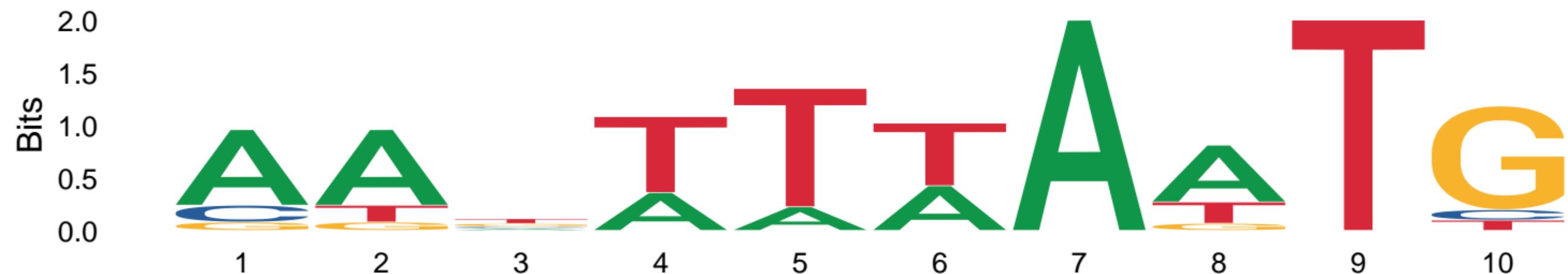
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX

PFAM: Homeodomain

archetype: ARCH52_Alx3/Alx4/Alx1_Barx2...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032374977.2

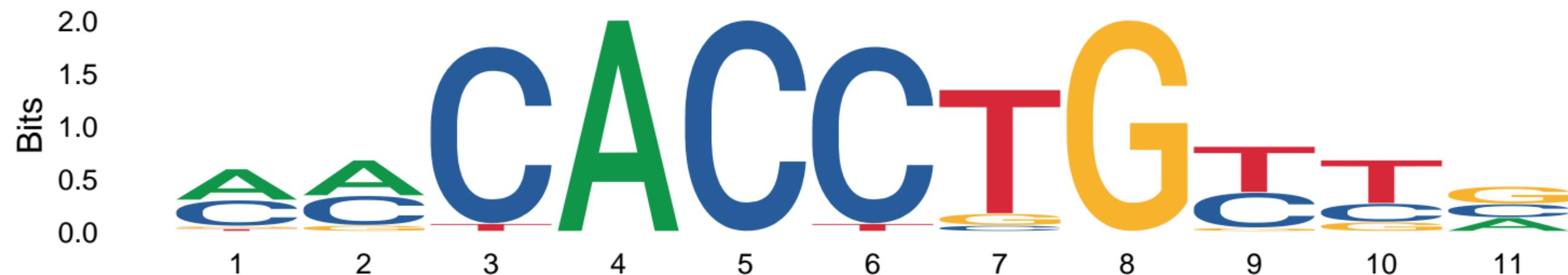
OG: HLH.HG1.56:TCF23/TCF24

PFAM: HLH

archetype: M05971_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_032375153.2

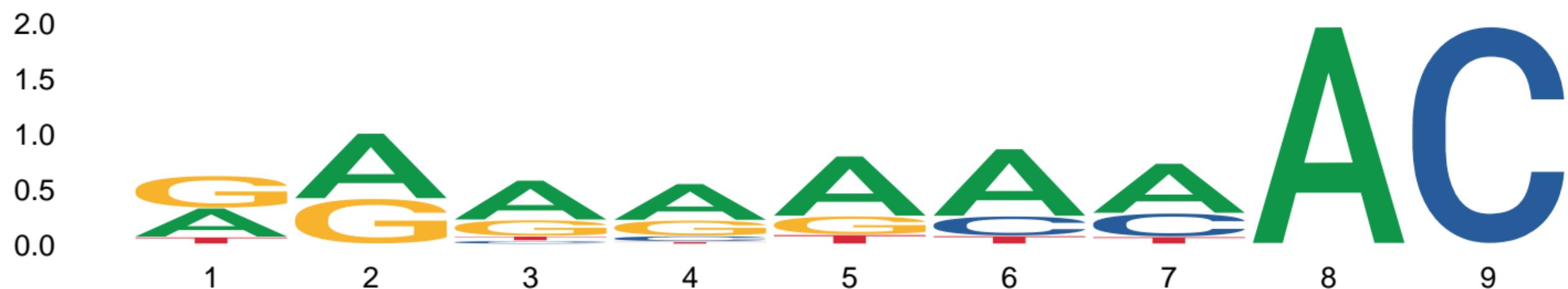
OG: Myb.HG3.1:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN29

PFAM: Myb_DNA-bind_4

archetype: M07562_2.00

archetype family: Myb

assignment: orthology



Nvec_vc1.1_XM_032375228.2 (Rfx4)

OG: RFX.HG1.3:like:RFX4/RFX6/RFX8

PFAM: RFX_DNA_binding

archetype: Rfx4_241030_homer

archetype family: RFX

assignment: dapseq



Nvec_vc1.1_XM_032375280.2

OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCO

PFAM: HLH/PAS/PAS_11

archetype: M05974_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_032375407.2

OG: HLH.HG1.29:MYC/MYCL/MYCN

PFAM: Myc_N/HLH

archetype: ARCH1533_BHLH112

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032375602.2 (Insm1)

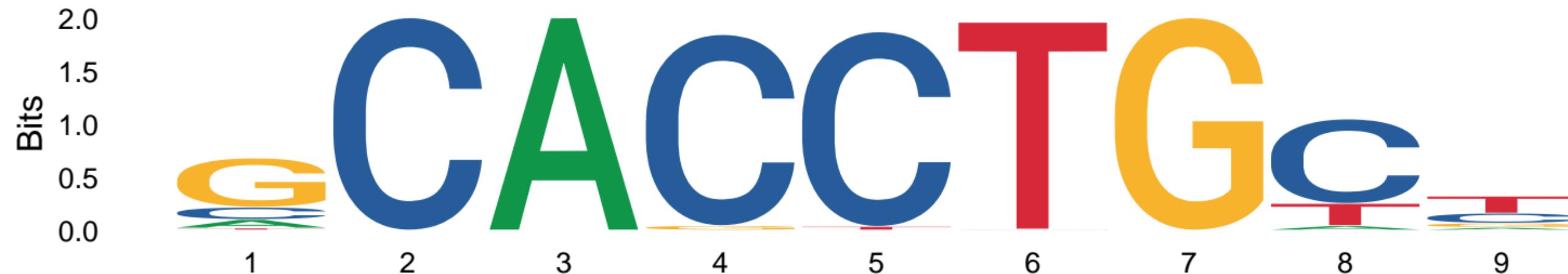
OG: zf-C2H2.HG25.1:INSM1/INSM2

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH530_Snai2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032375635.2 (OtxB)

OG: Homeodomains.HG2.46:CRX/OTX1/OTX2

PFAM: Homeodomain

archetype: M03808_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_032375721.2

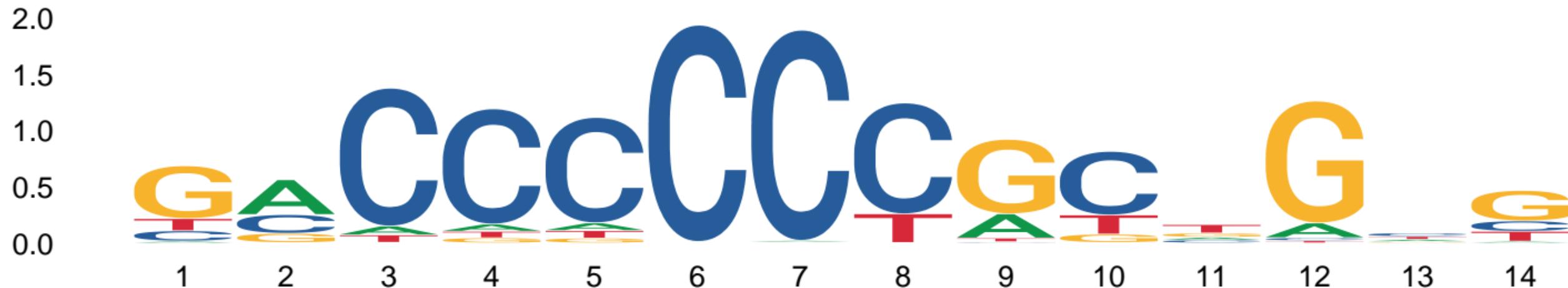
OG: zf-C2H2.HG119.0:NA

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH353_M06062_2.00__M06468...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032375915.2

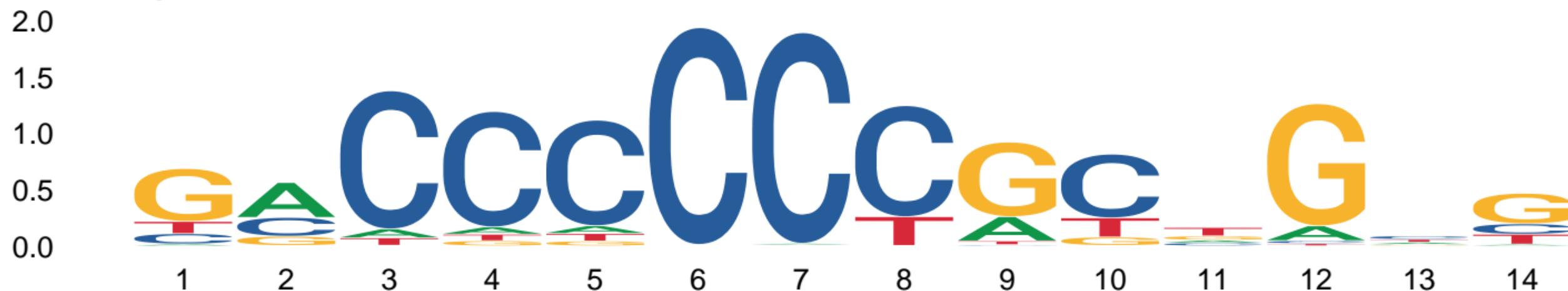
OG: zf-C2H2.HG4.0:like:GLI1/GLI2/GLI3/GLIS1/GLIS2/GLIS3

PFAM: zf-C2H2/zf-C2H2

archetype: ARCH353_M06062_2.00__M06468...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032376206.2 (SoxB2)

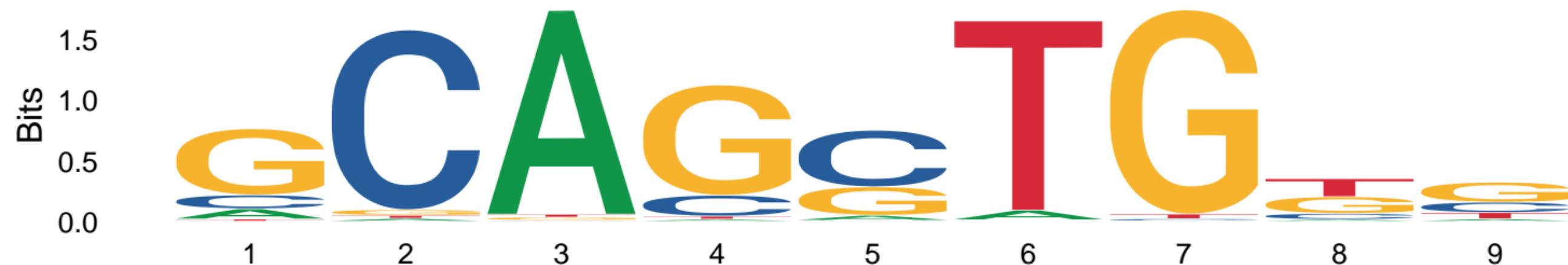
OG: HMGbox_Sox.HG1.13:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY

PFAM: HMG_box

archetype: ARCH482_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032376267.2

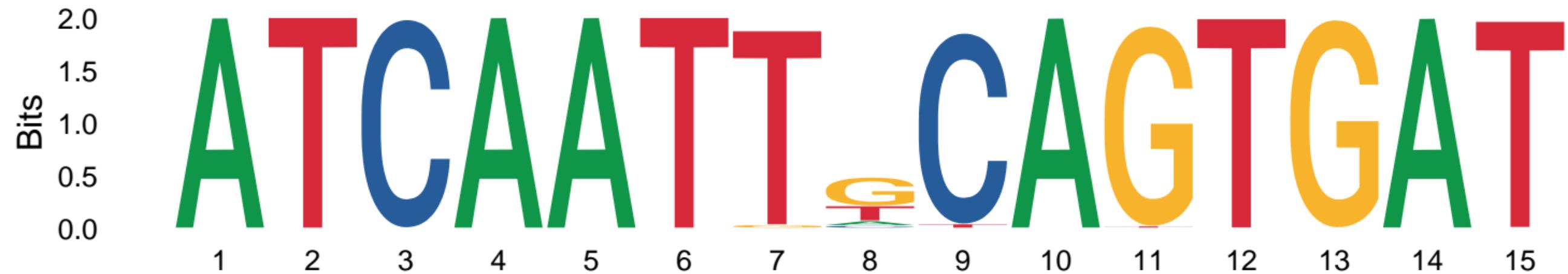
OG: HMGbox_Sox.HG1.7:HBP1

PFAM: AXH/HMG_box

archetype: ARCH142_/Sox4/Sox11_Sox13/S...

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032376421.2 (Ath-like)

OG: HLH.HG1.80:like:NEUROD1/NEUROD2/NEUROD4/NEUROD6

PFAM: HLH

archetype: ARCH783_bHLH18__MNT

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032376554.2

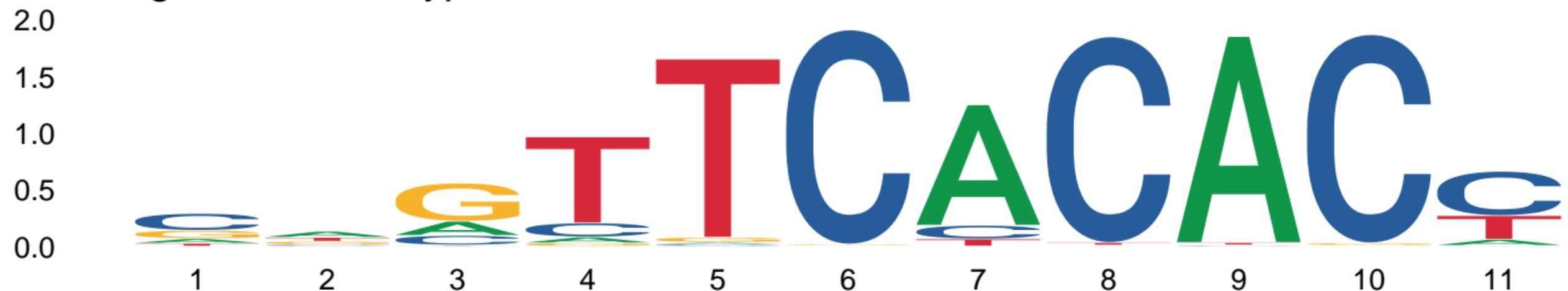
OG: zf-C2H2.HG1.17:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH836_M08316_2.00__M08901...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032376608.2

OG: Homeodomains.HG3.20:MEIS1/MEIS2/MEIS3/PKNOX1/PKNOX2

PFAM: Meis_PKNOX_N/Homeobox_KN

archetype: ARCH1504_Meis3/Meis2/Meis1_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032376736.2

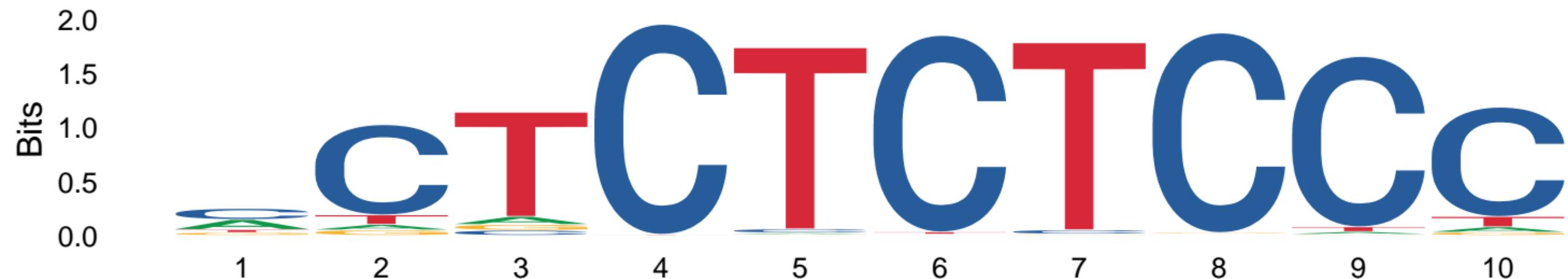
OG: zf-C2H2.HG3.23:like:HINFP/RREB1/ZFPM1

PFAM: zf-C2H2_6/zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_6

archetype: ARCH497_M03679_2.00

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032376926.2

OG: bZIP.HG3.2:like:MAF/MAFA/MAFB/NRL

PFAM: bZIP_Maf

archetype: ARCH1281_Cic_Hbp1_Sox13/Sox...

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_032376930.1

OG: zf-C2H2.HG130.0:NA

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1201_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032376939.2

OG: Homeodomains.HG2.15:LEUTX

PFAM: CUT/Homeodomain/Homeodomain

archetype: ARCH1546_Meis3/Meis2/Meis1_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032377135.2

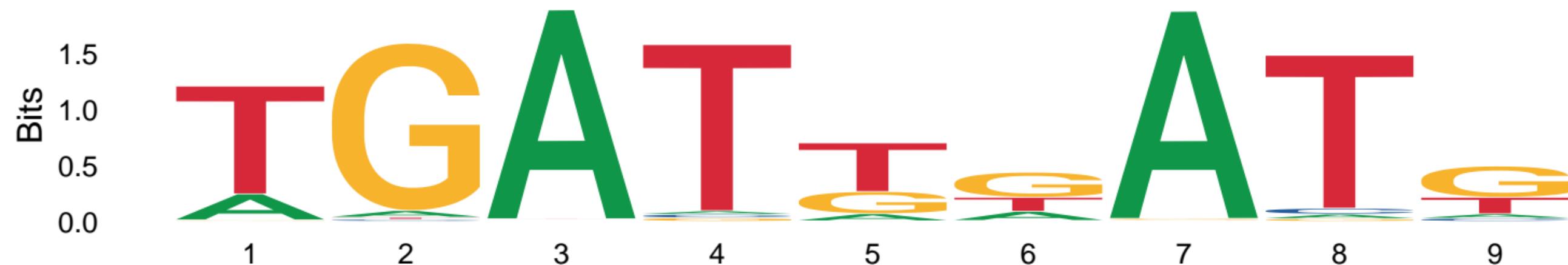
OG: Homeodomains.HG1.49:like:NOTO

PFAM: Homeodomain

archetype: ARCH146_Alx3/Alx4/Alx1_Barx...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032377358.2 (VAX-EMX-Like)

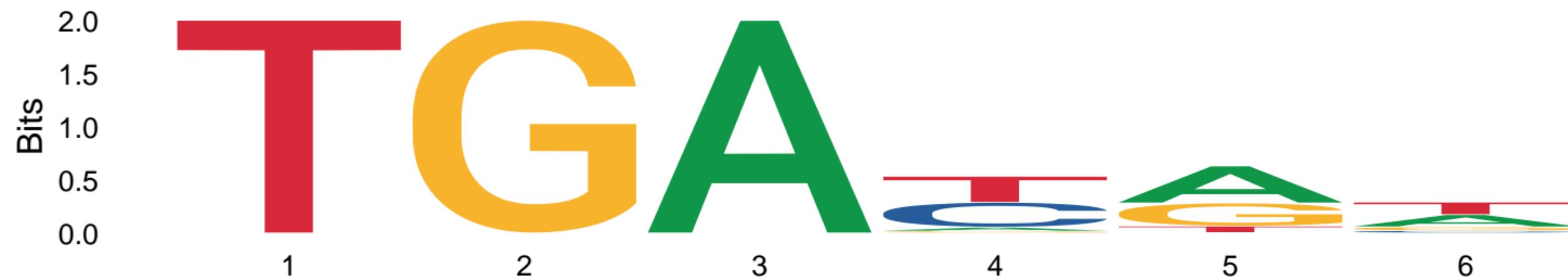
OG: Homeodomains.HG1.42:VAX1/VAX2

PFAM: Homeodomain

archetype: ARCH1552_Pbx4/Pbx2/Pbx1

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032377390.2

OG: Homeodomains.HG1.42:VAX1/VAX2

PFAM: Homeodomain

archetype: ARCH103_Hnf1a/Hnf1b

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032377450.2 (Tbx20-1)

OG: T-box.HG1.13:TBX1/TBX10/TBX15/TBX18/TBX20/TBX22

PFAM: T-box

archetype: ARCH862_Tbx18/Tbx22/Tbx15_T...

archetype family: T-box

assignment: archetype



Nvec_vc1.1_XM_032377792.2

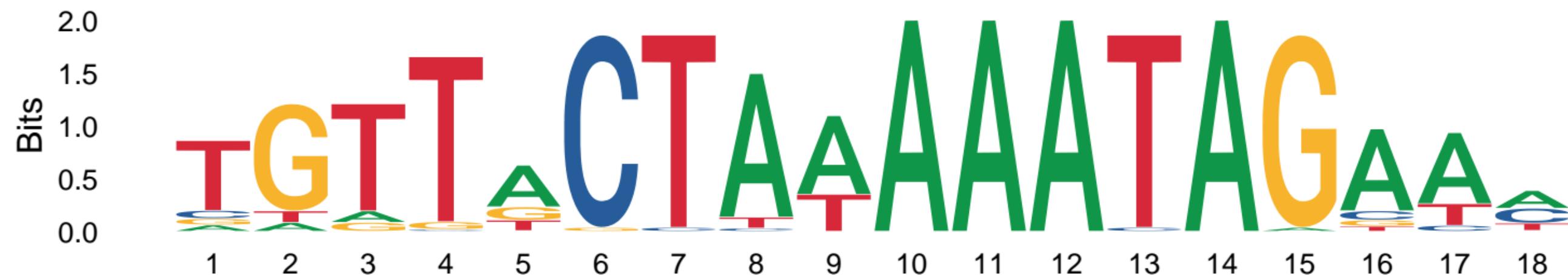
OG: MADS-box_SRF.HG1.2:BORCS8-MEF2B/MEF2A/MEF2B/MEF2C/MEF2D

PFAM: SRF-TF/HJURP_C

archetype: ARCH1333_Mef2c/Mef2b/Mef2a/...

archetype family: MADS-box_SRF

assignment: archetype



Nvec_vc1.1_XM_032377883.2
OG: P53.HG1.6:like:TP53/TP63/TP73
PFAM: P53
archetype: M11197_2.00
archetype family: P53
assignment: orthology



Nvec_vc1.1_XM_032377897.2 (Pea3/Ets)

OG: Ets.HG1.3:ETV1/ETV4/ETV5

PFAM: ETS_PEA3_N/Ets

archetype: ARCH593_Elf3/Ehf/Elf5_Erg/F...

archetype family: Ets

assignment: archetype



Nvec_vc1.1_XM_032378000.2

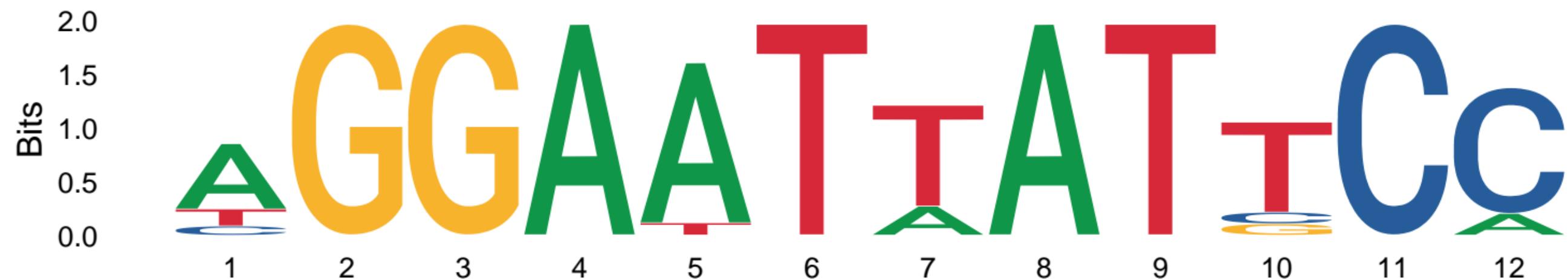
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/C

PFAM: Homeodomain

archetype: ARCH1055_MF0010.1_Homeobox_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032378021.2 (Brachyury)

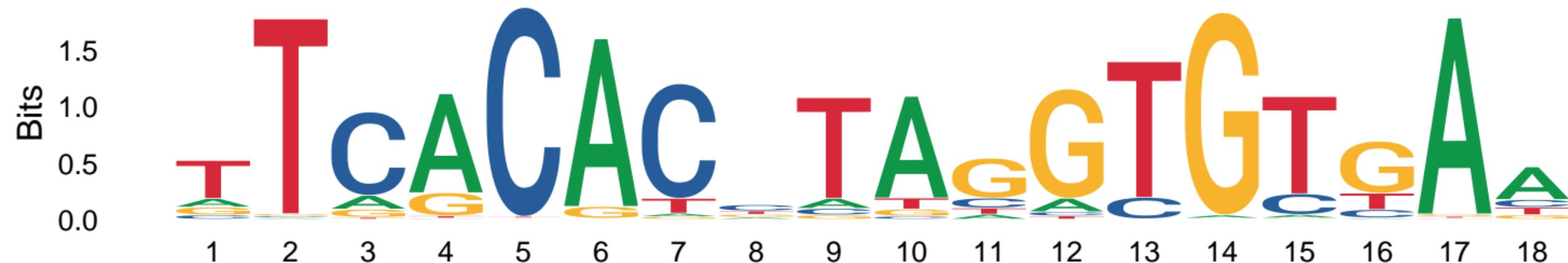
OG: T-box.HG1.5:TBX19/TBXT

PFAM: T-box

archetype: ARCH833_Tbx18/Tbx22/Tbx15_T...

archetype family: T-box

assignment: archetype



Nvec_vc1.1_XM_032378152.2

OG: HMGbox_Sox.HG1.1:SOX30

PFAM: HMG_box

archetype: ARCH482_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032378255.2

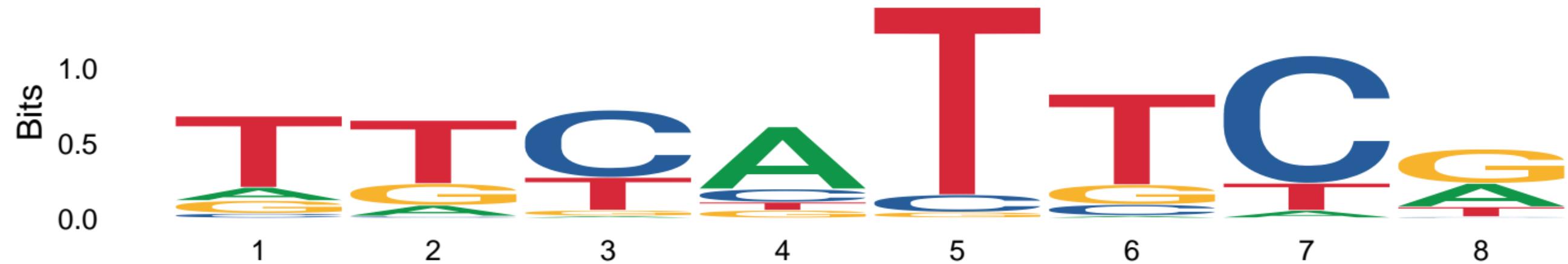
OG: zf-C2H2.HG105.0:NA

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1204_ARR1_ZNF24

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032378312.2

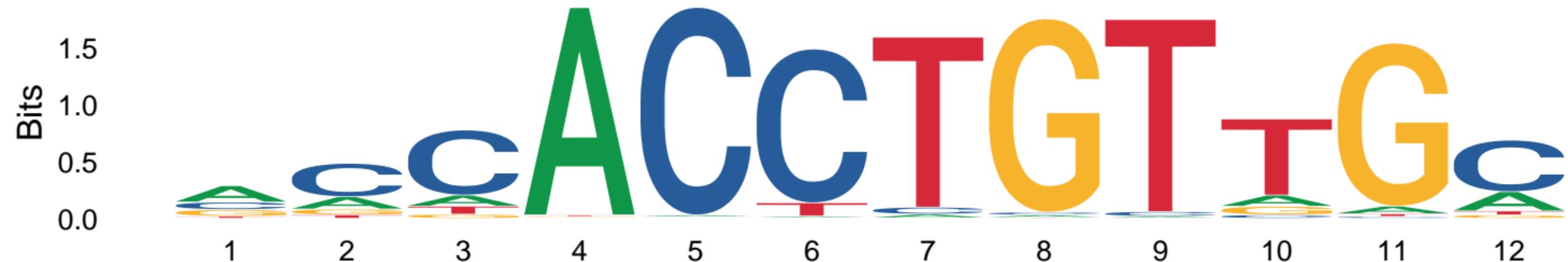
OG: zf-C2H2.HG119.1:NA

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH861_Scrt2/Scrt1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032378323.2

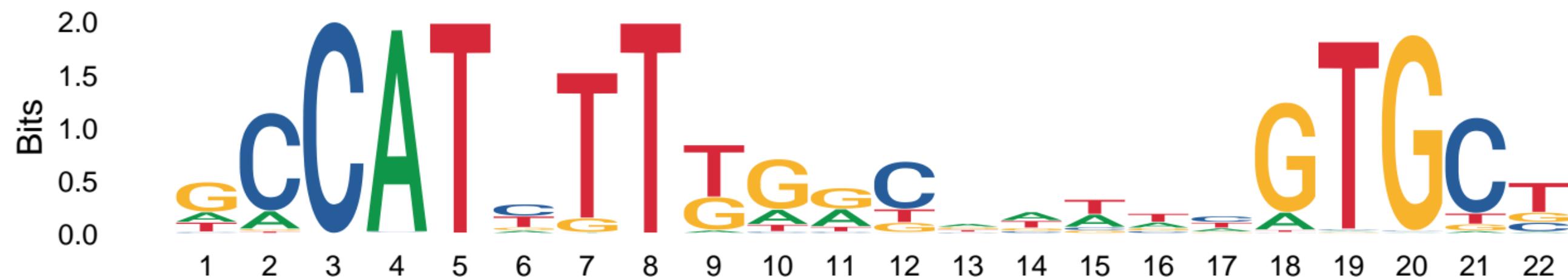
OG: zf-C2H2.HG9.0:PLAGL1/PLAGL2/ZBTB12/ZNF550/ZNF559–ZNF177/ZNF580

PFAM: zf-C2H2/zf-C2H2

archetype: ARCH1255_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032378402.2

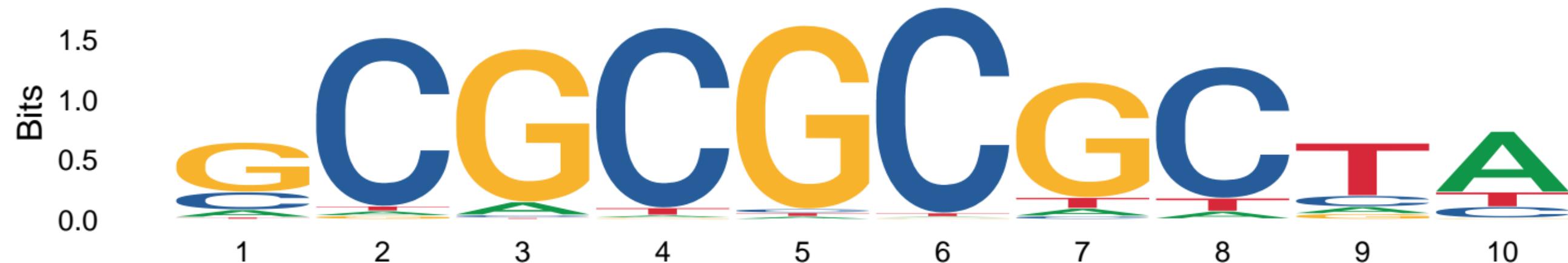
OG: E2F_TDP.HG1.1:TFDP1/TFDP2/TFDP3

PFAM: E2F_TDP/DP

archetype: ARCH367_/E2f4_E2f6_E2f8/E2f...

archetype family: E2F_TDP

assignment: archetype



Nvec_vc1.1_XM_032378403.2

OG: zf-C2H2.HG1.209:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032378442.2

OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN21

PFAM: Myb_DNA-bind_4

archetype: ARCH1391_MYB113

archetype family: Myb

assignment: archetype

2.0
1.5
1.0
0.5
0.0

Bits



Nvec_vc1.1_XM_032378649.2

OG: bZIP.HG1.10:like:ATF3/FOS/FOSB/FOSL1/FOSL2/JDP2

PFAM: bZIP_1

archetype: M04272_2.00

archetype family: bZIP

assignment: orthology



Nvec_vc1.1_XM_032378769.2

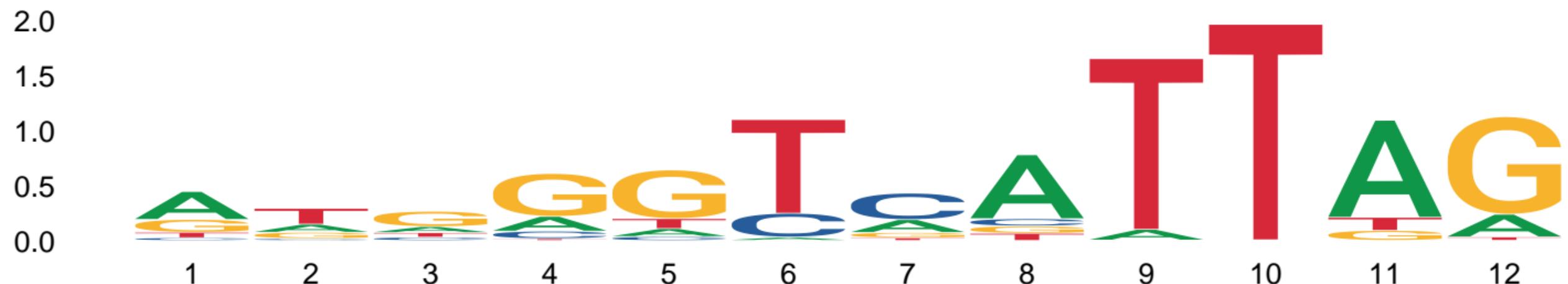
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2-1/NKX2-2/NKX2-3/NKX2-

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032378779.2

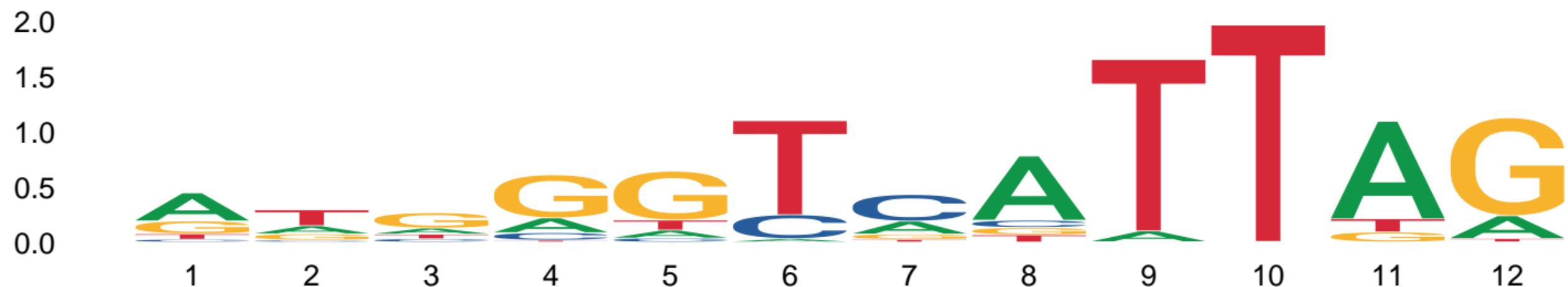
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2-1/NKX2-2/NKX2-3/NKX2-

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032378839.2

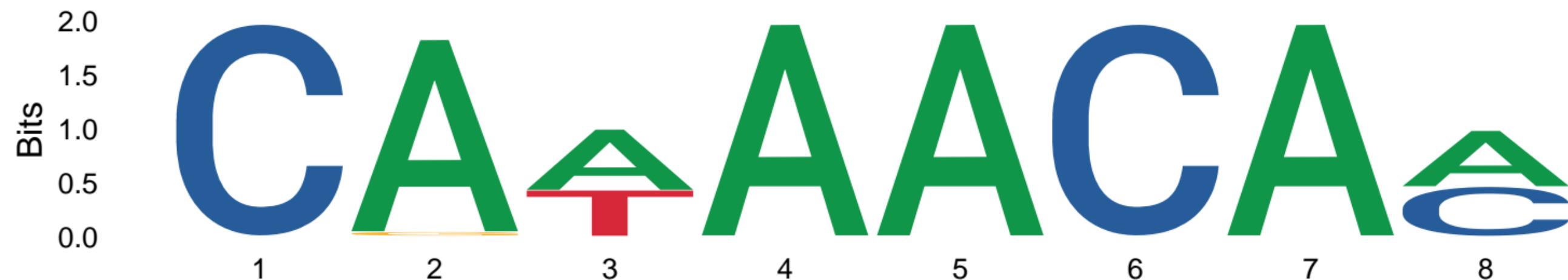
OG: Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2

PFAM: Forkhead

archetype: ARCH829_PB0121.1_Foxj3_2

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_032378881.2 (CREB3)

OG: bZIP.HG1.15:CREB3/CREB3L1/CREB3L2/CREB3L3/CREB3L4

PFAM: bZIP_1

archetype: M01812_2.00

archetype family: bZIP

assignment: orthology



Nvec_vc1.1_XM_032378941.2

OG: zf-C2H2.HG117.0:ZNF800

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032379152.2

OG: Forkhead.HG1.13:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2

PFAM: Forkhead

archetype: ARCH1547_FOXB1

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_032379347.2

OG: Homeodomains.HG2.29:PAX4/PAX6

PFAM: PAX/Homeodomain

archetype: M03887_2.00

archetype family: Pax/Homeodomain

assignment: orthology



Nvec_vc1.1_XM_032379348.2

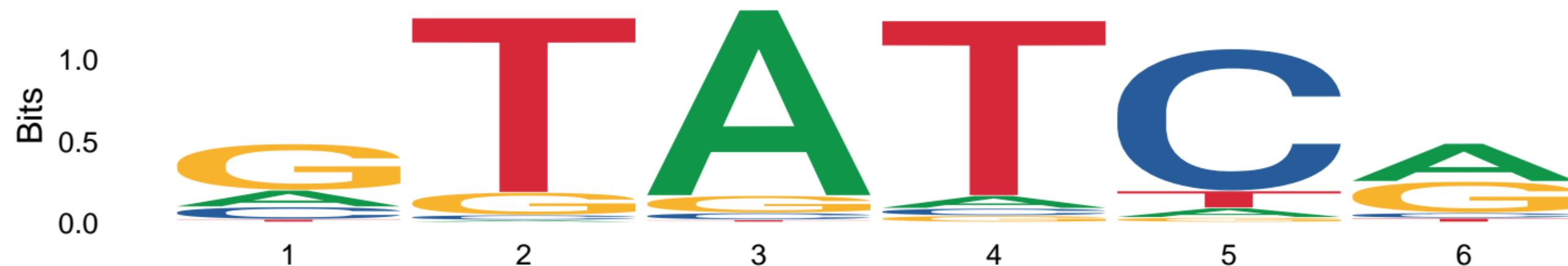
OG: Homeodomains.HG2.72:like:DMBX1

PFAM: Homeodomain

archetype: ARCH636_Six1/_Six3/Six6_Six...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032379394.2

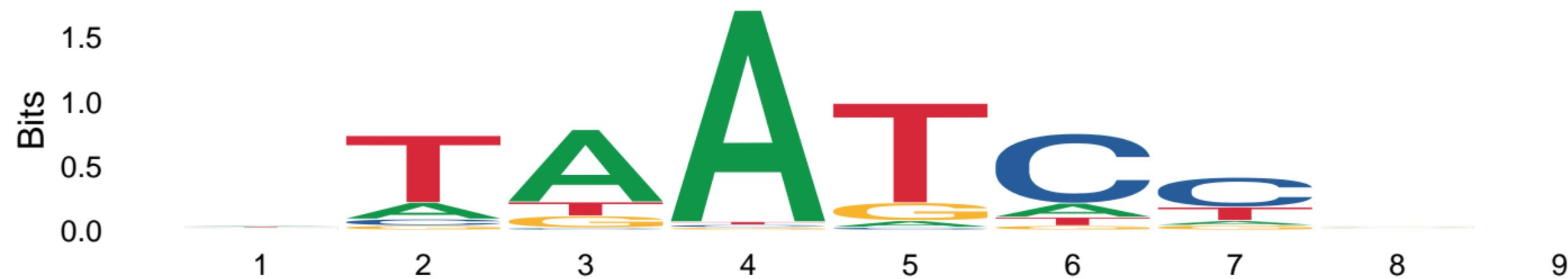
OG: Homeodomains.HG2.77:like:DMBX1

PFAM: Homeodomain

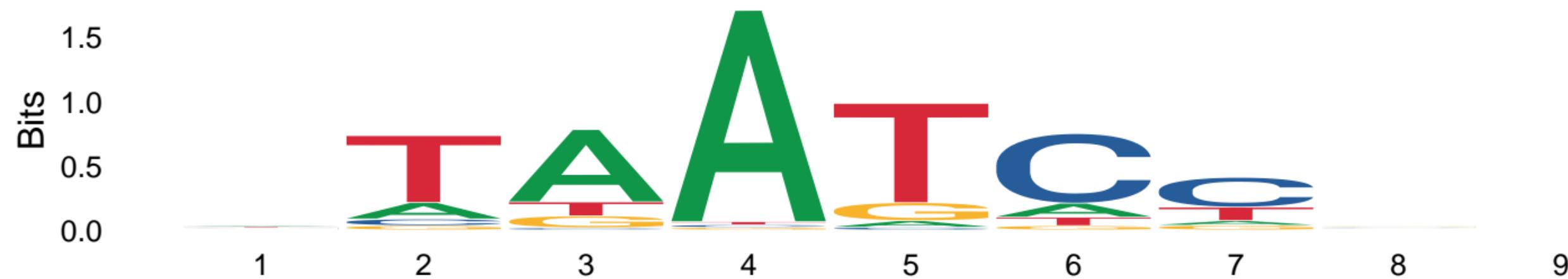
archetype: M00490_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_032379398.2
OG: Homeodomains.HG2.75:DMBX1
PFAM: Homeodomain
archetype: M00490_2.00
archetype family: Homeodomains
assignment: orthology



Nvec_vc1.1_XM_032379400.2

OG: Homeodomains.HG2.76:like:DMBX1

PFAM: Homeodomain

archetype: Nvec_vc1.1_XM_032379400.2_Homeodomains.HG2.76:like:DMBX1_24103

archetype family: Homeodomains

assignment: dapseq



Nvec_vc1.1_XM_032379457.2

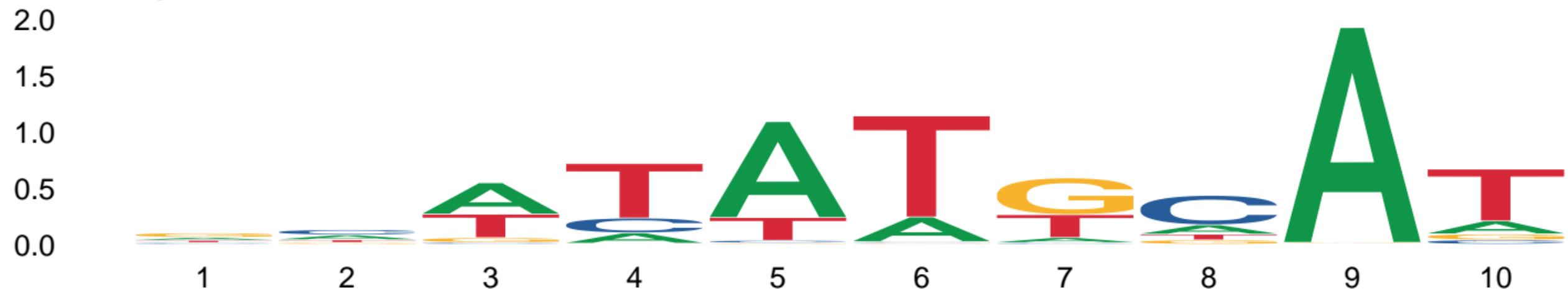
OG: Homeodomains.HG4.2:POU1F1

PFAM: Pou/Homeodomain

archetype: Nvec_vc1.1_XM_032379457.2_Homeodomains.HG4.2:POU1F1_250224_h

archetype family: Pou/Homeodomain

assignment: dapseq



Nvec_vc1.1_XM_032379465.2 (SoxB2/Sox3)

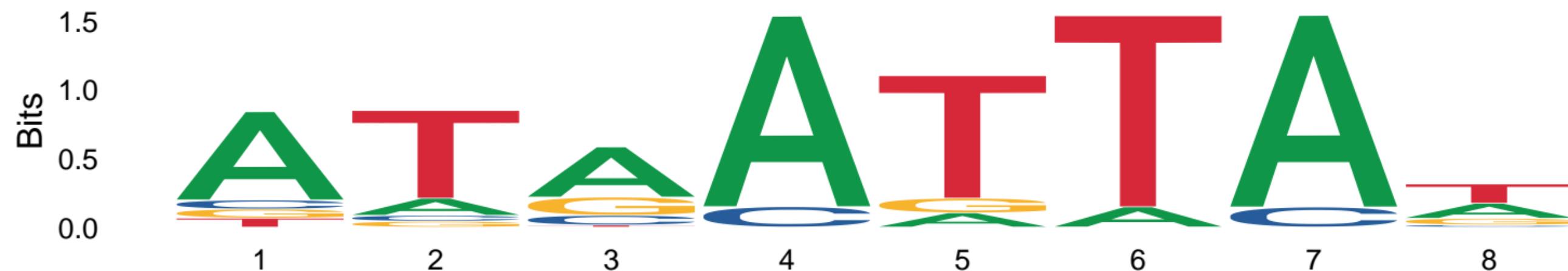
OG: HMGbox_Sox.HG1.19:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY

PFAM: HMG_box

archetype: ARCH61_M00889_2.00

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032379498.2

OG: zf-C2H2.HG1.6:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC13869

PFAM: zf-C2H2/zf-C2H2/zf-C2H2_4

archetype: ARCH1368_M04483_2.00__M0448...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032379677.2

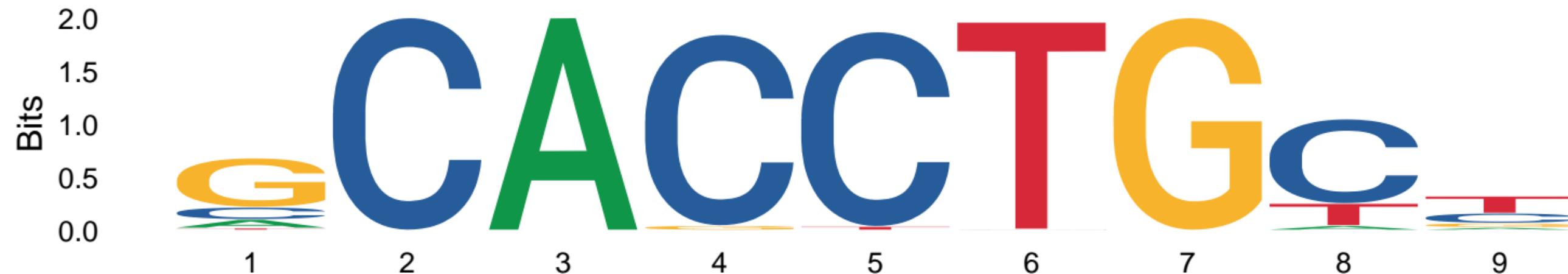
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

PFAM: zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH530_Snai2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032379688.2 (NVHD033–ANTP)

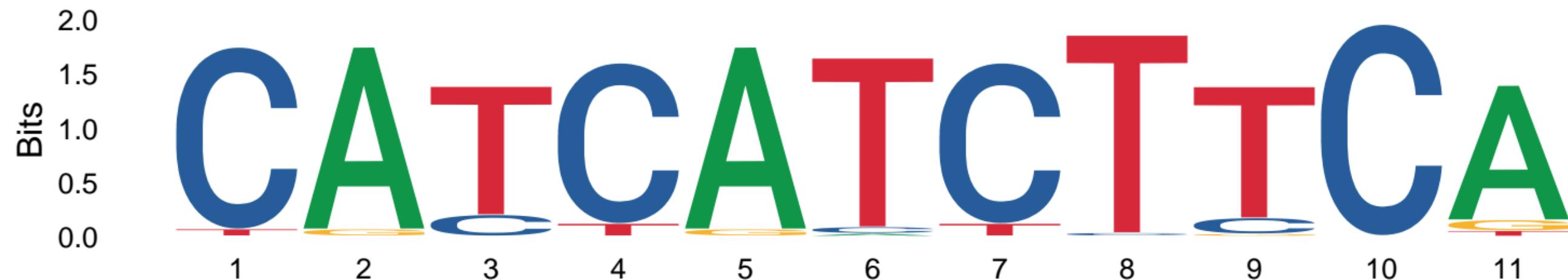
OG: Homeodomains.HG1.39:BARHL1/BARHL2

PFAM: Homeodomain

archetype: NVHD033–ANTP_241030_streme

archetype family: Homeodomains

assignment: dapseq



Nvec_vc1.1_XM_032379723.2

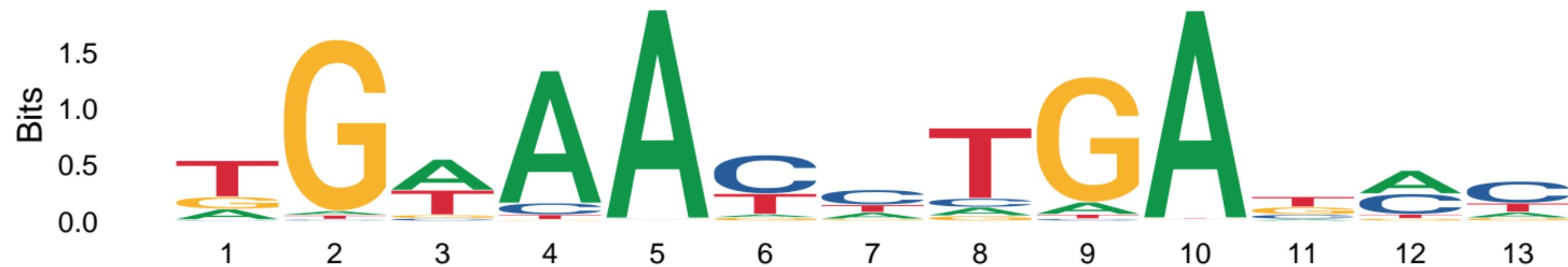
OG: Homeodomains.HG2.66:ALX1/ALX3/ALX4

PFAM: Homeodomain/OAR

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032380001.2

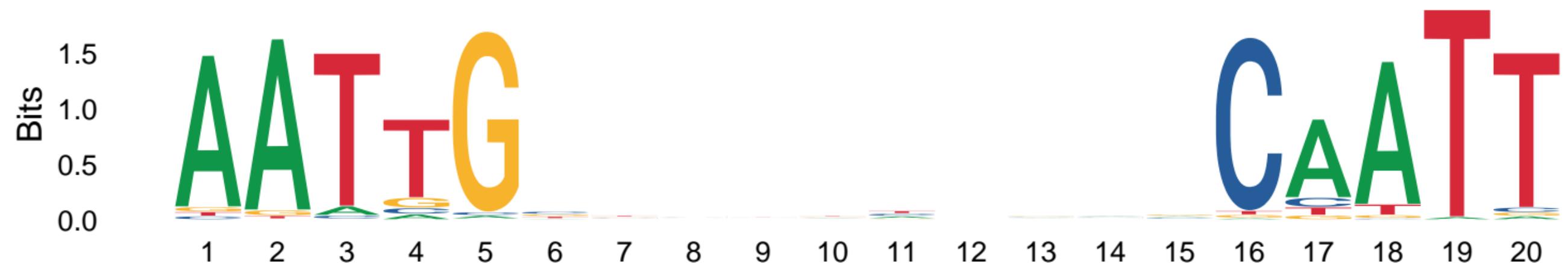
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/C

PFAM: Homeodomain

archetype: ARCH294_Emx1/Emx2_Hmx1/Hmx3...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032380131.2

OG: HMGbox_Sox.HG1.38:SSRP1

PFAM: POB3_N/SSrecog/Rtt106/HMG_box

archetype: ARCH1159_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032380148.2

OG: T-box.HG1.2:like:MGA/TBX1/TBX2/TBX3/TBX4/TBX5/TBX6/TBX10/TBX15/TBX1

PFAM: T-box

archetype: ARCH485_Tbx3/Tbx2

archetype family: T-box

assignment: archetype



Nvec_vc1.1_XM_032380190.2

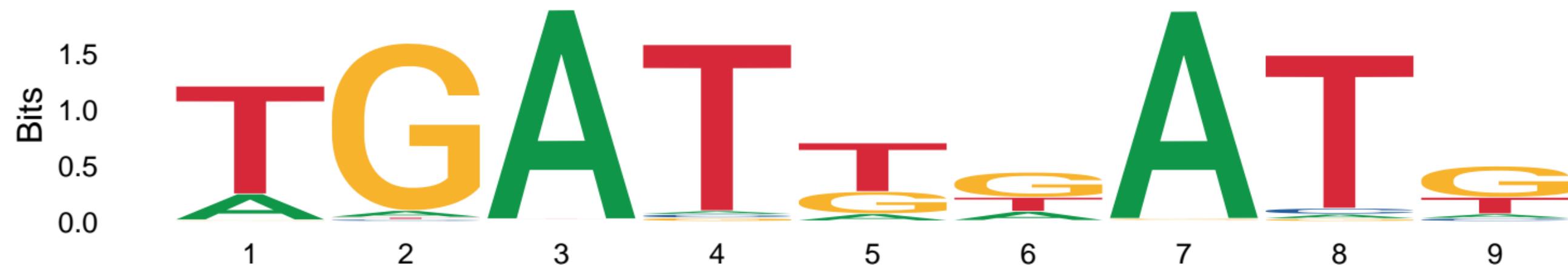
OG: Homeodomains.HG3.20:MEIS1/MEIS2/MEIS3/PKNOX1/PKNOX2

PFAM: Meis_PKNOX_N/Homeobox_KN

archetype: ARCH146_Alx3/Alx4/Alx1_Barx...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032380209.2

OG: HLH.HG1.40:USF1/USF2

PFAM: HLH

archetype: ARCH1569_FEA4_E-box

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032380334.2

OG: RFX.HG1.6:like:RFX6

PFAM: RFX_DNA_binding

archetype: ARCH864_/Rfx5

archetype family: RFX

assignment: archetype



Nvec_vc1.1_XM_032380374.2 (NvSoxA)

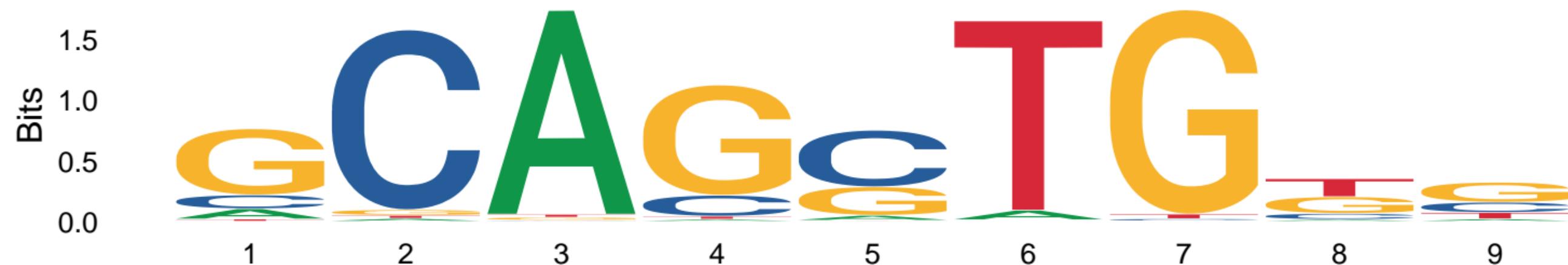
OG: HMGbox_Sox.HG1.34:SRY

PFAM: HMG_box

archetype: ARCH482_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032380417.2

OG: zf-C2H2.HG2.2:like:MTF1/ZNF76/ZNF143

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_6

archetype: ARCH496_Zic3

archetype family: zf-C2H2

assignment: archetype

Bits



Nvec_vc1.1_XM_032380573.2

OG: SMAD_MH1.HG1.0:SMAD6/SMAD7

PFAM: MH1/MH2

archetype: ARCH718_Smad2/Smad3_Smad9/S...

archetype family: SMAD_MH1

assignment: archetype



Nvec_vc1.1_XM_032380735.2

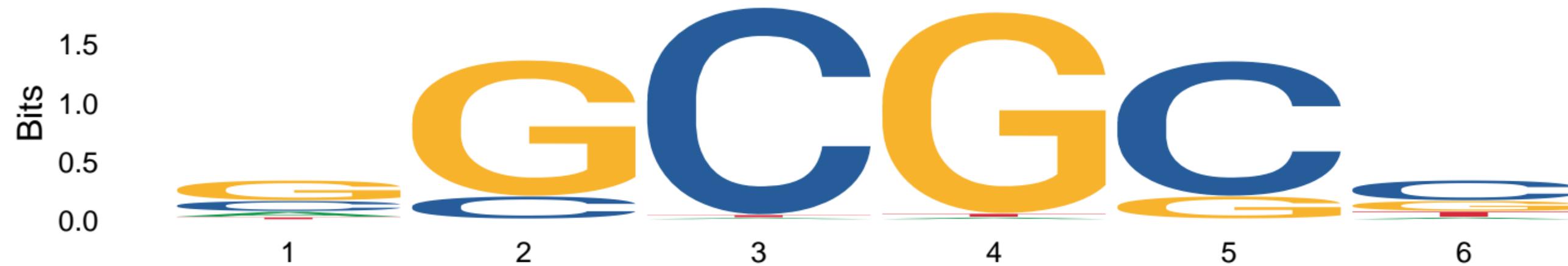
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6

PFAM: E2F_TDP/E2F_CC-MB

archetype: ARCH394_/E2f4_E2f6_E2f8/E2f7

archetype family: E2F_TDP

assignment: archetype



Nvec_vc1.1_XM_032380975.2

OG: Ets.HG1.5:ERF/ERFL/ERG/ETV3/ETV3L/FEV/FLI1

PFAM: SAM_PNT/Ets

archetype: ARCH584_Elf3/Ehf/Elf5_Erg/F...

archetype family: Ets

assignment: archetype



Nvec_vc1.1_XM_032381020.2

OG: zf-C2H2.HG4.7:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5

PFAM: zf_ZIC/zf-C2H2/zf-C2H2

archetype: ARCH386_PB0102.1_Zic2_1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032381059.2

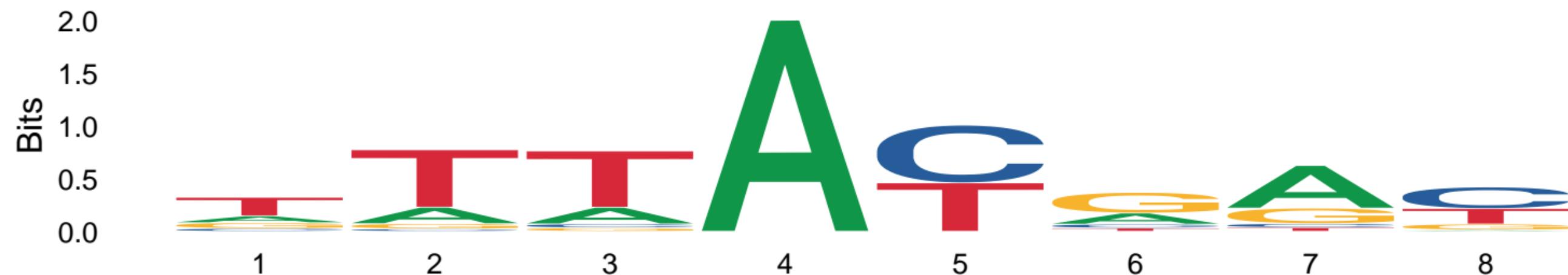
OG: Homeodomains.HG3.2:CERS2/CERS3/CERS4/CERS5/CERS6

PFAM: Homeodomain/TRAM_LAG1_CLN8

archetype: ARCH1315_M05248_2.00

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032381099.2

OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/C

PFAM: Homeodomain

archetype: M00525_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_032381270.2

OG: zf-C2H2.HG7.4:SCRT1/SCRT2

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: Scrt2/Scrt1_241030_dimont

archetype family: zf-C2H2

assignment: dapseq



Nvec_vc1.1_XM_032381562.2

OG: zf-C2H2.HG2.18:like:KLF5/KLF6/KLF7

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032381586.2

OG: zf-C2H2.HG2.21:KLF5

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032381587.2

OG: HMGbox_Sox.HG1.51:like:SMARCE1

PFAM: HMG_box

archetype: ARCH1159_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032381617.2

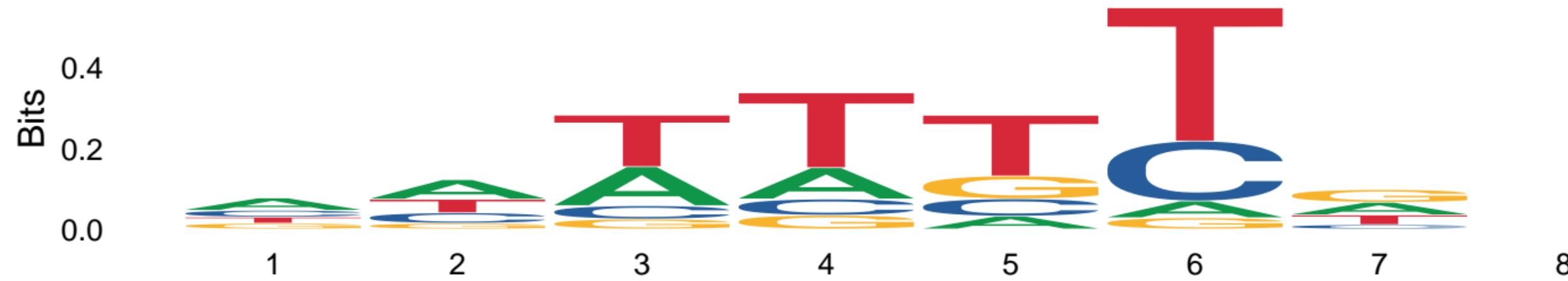
OG: Doublesex_DM.HG1.18:like:DMRT3

PFAM: DM

archetype: M00654_2.00

archetype family: Doublesex_DM

assignment: orthology



Nvec_vc1.1_XM_032381719.2

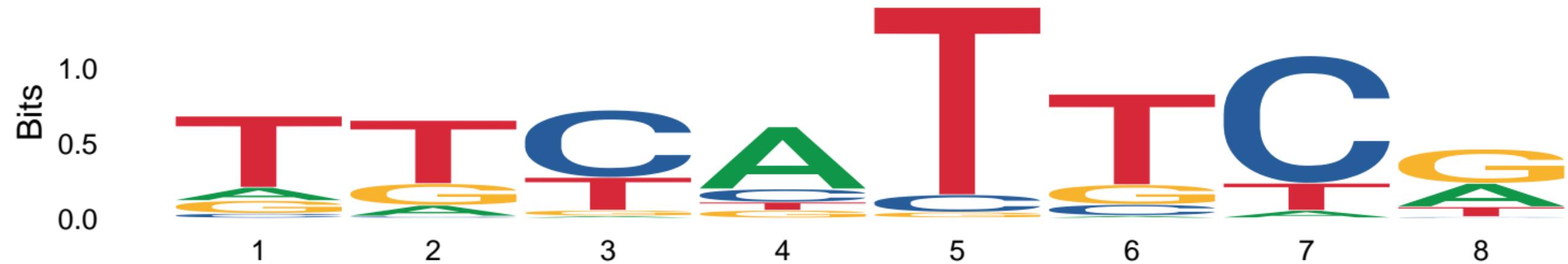
OG: zf-C2H2.HG1.122:ZNF367

PFAM: zf-C2H2_6/zf-C2H2

archetype: ARCH1204_ARR1__ZNF24

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032381869.2

OG: HLH.HG1.64:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5

PFAM: HLH

archetype: ARCH1533_BHLH112

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032381908.2 (Hand2)

OG: HLH.HG1.66:like:HAND1/HAND2

PFAM: HLH

archetype: M05984_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_032382002.2

OG: zf-C2H2.HG8.0:ZNF576/ZNF683/ZNF891

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

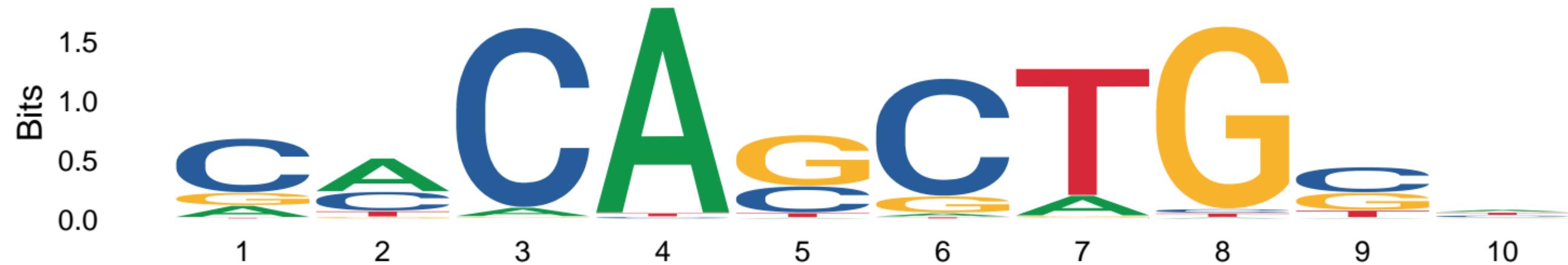
archetype: ARCH1368_M04483_2.00__M0448...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032382158.2
OG: HLH.HG1.45:TCF3/TCF4/TCF12
PFAM: HLH
archetype: M08731_2.00
archetype family: HLH
assignment: orthology



Nvec_vc1.1_XM_032382185.2

OG: Myb.HG1.7:like:TERB1/TERF2

PFAM: Myb_DNA-binding/Myb_DNA-binding/Myb_DNA-binding

archetype: ARCH1391_MYB113

archetype family: Myb

assignment: archetype

Bits



Nvec vc1.1 XM 032382208.2

OG: zf-C2H2.HG94.0:NA

PFAM: zf-C2H2/zf-C2H2_4/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/z

archetype: ARCH1201_Gfi1b/Gfi1

archetype family: zf–C2H2

assignment: archetype



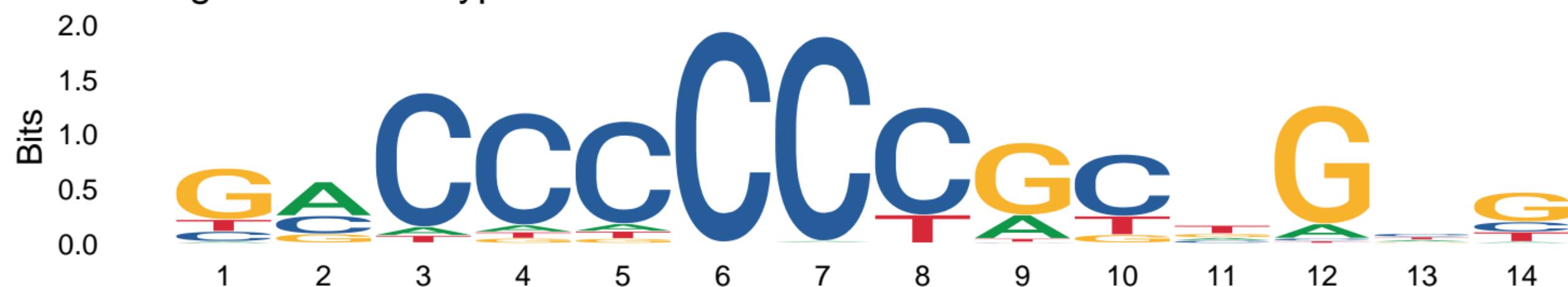
Nvec_vc1.1_XM_032382255.2

OG: zf-C2H2.HG1.11:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

archetype: ARCH353 M06062 2.00 M06468..

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032382395.2

OG: Homeodomains.HG3.34:TGIF1

PFAM: Homeobox_KN

archetype: ARCH1502_Meis3/Meis2/Meis1_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032382402.2

OG: zf-C2H2.HG1.24:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH502_M06063_2.00

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032382466.2

OG: bZIP.HG2.5:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG

PFAM: bZIP_2

archetype: Cebpd/Cebpe/Cebpa/Cebpb_241030_homer

archetype family: bZIP

assignment: dapseq



Nvec_vc1.1_XM_032382493.2

OG: bZIP.HG2.10:DBP/HLF/TEF

PFAM: bZIP_2

archetype: ARCH944_M04019_2.00__bHLH34

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_032382579.2

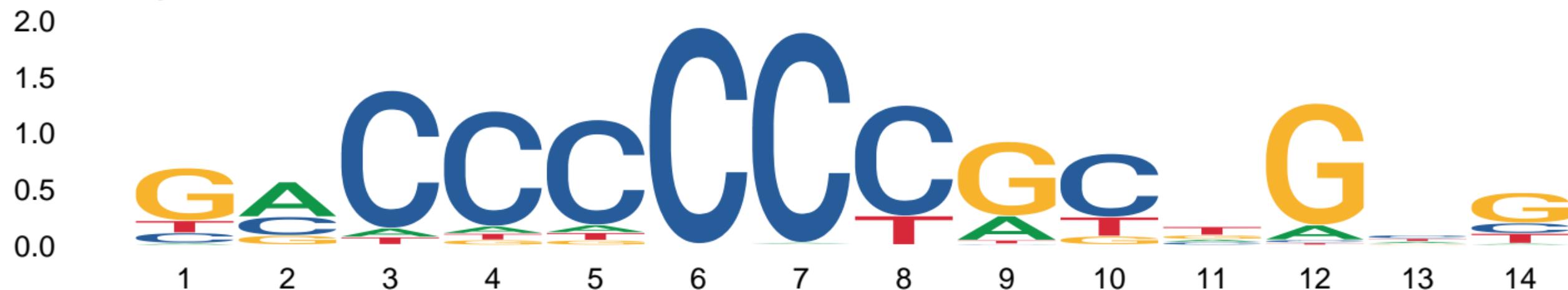
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH353_M06062_2.00__M06468...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032382712.2

OG: RFX.HG1.1:RFX5/RFX7

PFAM: RFX5_N/RFX_DNA_binding

archetype: ARCH653_/Rfx5

archetype family: RFX

assignment: archetype



Nvec_vc1.1_XM_032382719.2

OG: P53.HG1.5:like:TP53/TP63/TP73

PFAM: P53/P53_tetramer

archetype: M11197_2.00

archetype family: P53

assignment: orthology



Nvec_vc1.1_XM_032383547.2

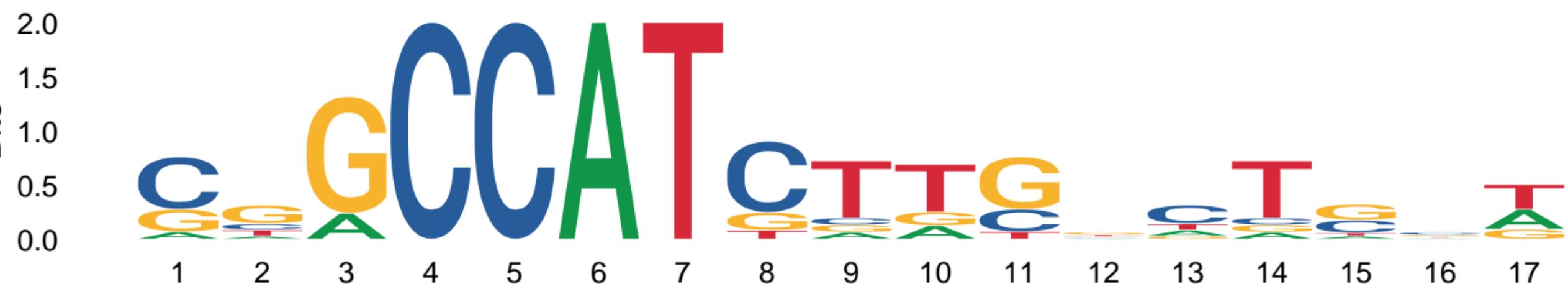
OG: zf-C2H2.HG1.10:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-H2C2_2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-met/zf-

archetype: ARCH523_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032383560.2

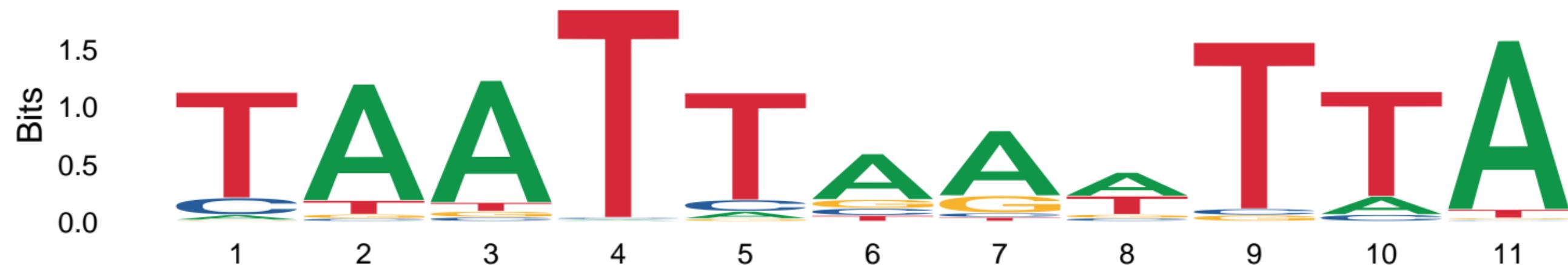
OG: Homeodomains.HG2.69:OTP

PFAM: Homeodomain/OAR

archetype: ARCH233_Alx3/Alx4/Alx1_Barx...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032383663.2

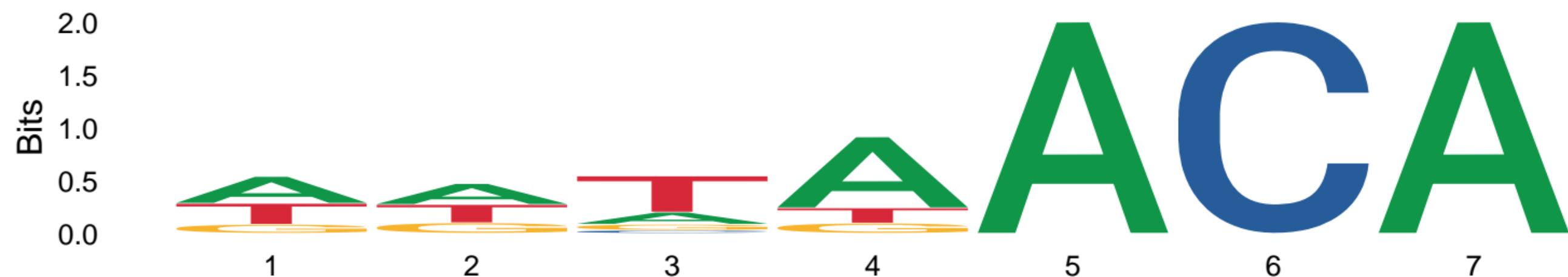
OG: Homeodomains.HG1.27:like:AC004080.3/AC012531.3/BARHL1/BARHL2/CDX1/C

PFAM: Homeodomain

archetype: ARCH1052_Irx6

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032383677.2

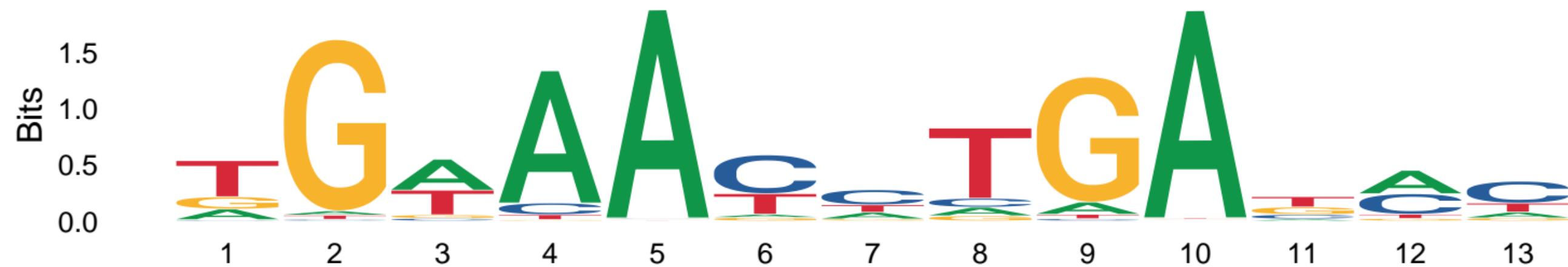
OG: Homeodomains.HG1.70:HOXA2/HOXB2/PDX1

PFAM: Homeodomain

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032383681.2

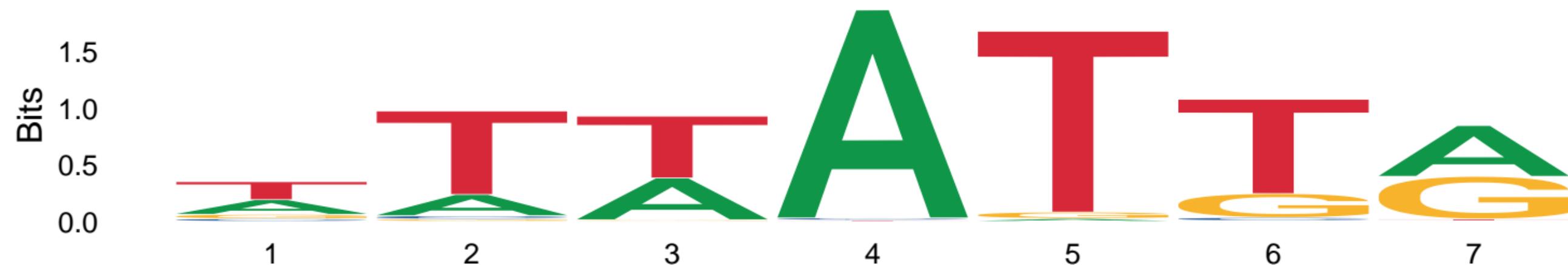
OG: Homeodomains.HG1.51:like:AC004080.3/AC012531.3/CDX1/CDX2/CDX4/EVX1/E

PFAM: Homeodomain

archetype: ARCH243_Alx3/Alx4/Alx1_Hlx_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032383695.2

OG: Homeodomains.HG1.52:EVX1/EVX2

PFAM: Homeodomain

archetype: ARCH181_Barx2/Barx1_Dlx4/Dlx5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032383717.2

OG: bZIP.HG2.0:like:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG

PFAM: bZIP_2

archetype: ARCH640_Cebpd/Cebpe/Cebpa/C...

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_032383905.2
OG: HLH.HG1.11:HEY1/HEY2/HEYL
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype



Nvec_vc1.1_XM_032383925.2

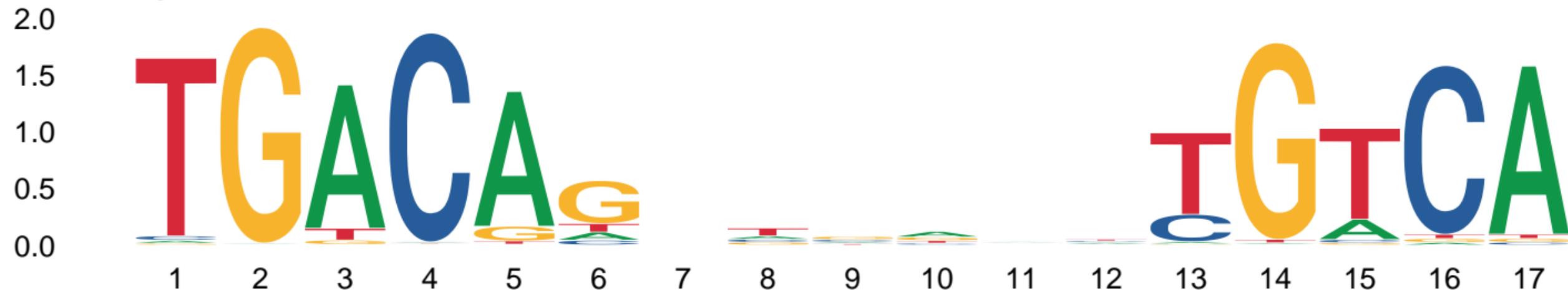
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX

PFAM: Homeodomain

archetype: ARCH768_Meis3/Meis2/Meis1_P...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032383948.2

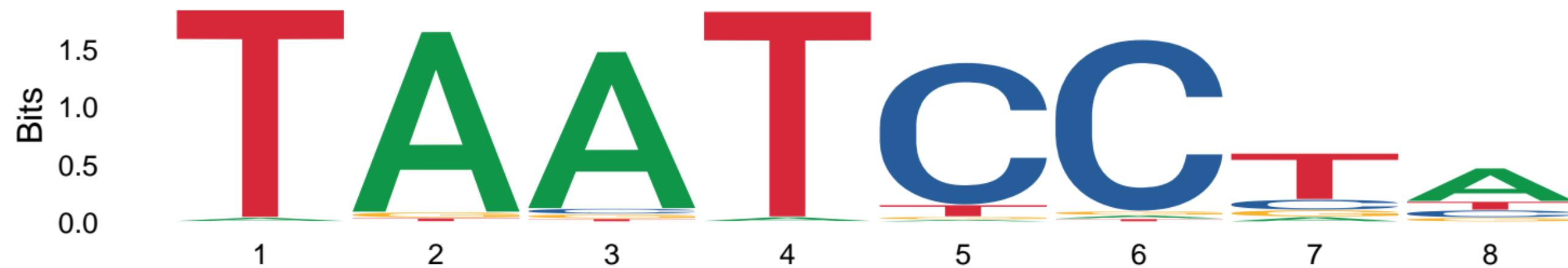
OG: Homeodomains.HG1.57:GBX1/GBX2

PFAM: Homeodomain

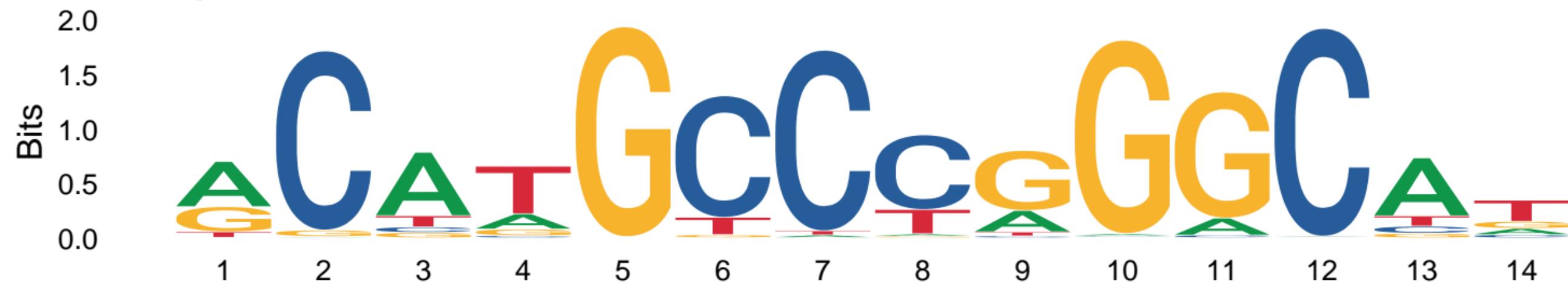
archetype: ARCH1437_

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032383979.2
OG: P53.HG1.4:TP53/TP63/TP73
PFAM: P53
archetype: ARCH910_p53
archetype family: P53
assignment: archetype



Nvec_vc1.1_XM_032384063.2

OG: HLH.HG1.53:HES5/HES7

PFAM: HLH

archetype: ARCH1533_BHLH112

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032384091.2

OG: Doublesex_DM.HG1.14:like:DMRT1/DMRT2/DMRT3/DMRTA1/DMRTA2/DMRTB1

PFAM: DM/DMA

archetype: ARCH661_Dmrt1

archetype family: Doublesex_DM

assignment: archetype



Nvec_vc1.1_XM_032384126.2

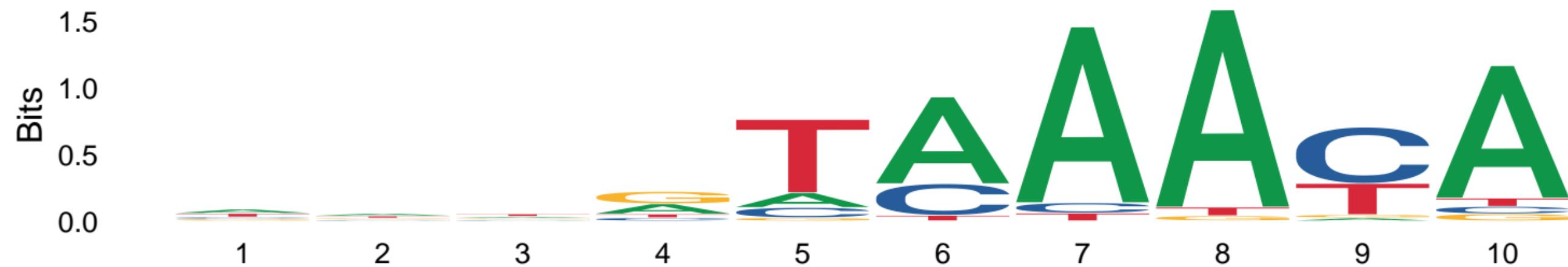
OG: Forkhead.HG1.17:like:FOXI1/FOXI2/FOXI3/FOXL3

PFAM: Forkhead

archetype: M00164_2.00

archetype family: Forkhead

assignment: orthology



Nvec_vc1.1_XM_032384134.2

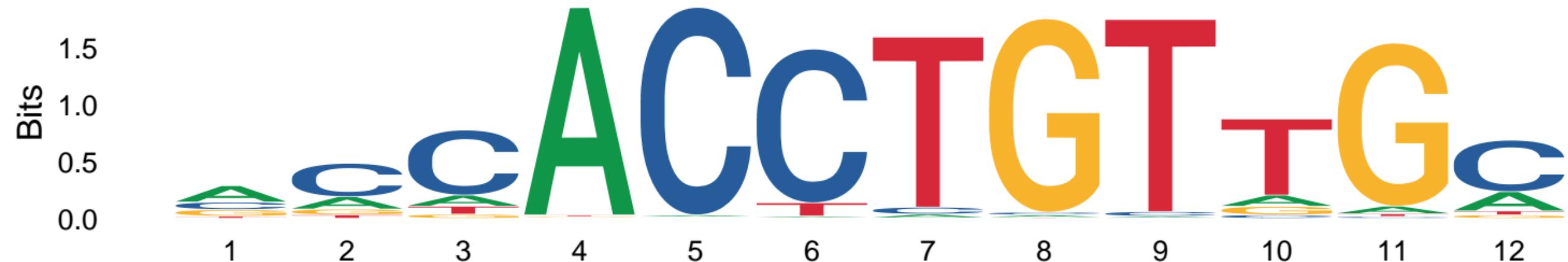
OG: zf-C2H2.HG3.3:ZNF641

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH861_Scrt2/Scrt1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032384172.2

OG: zf-C2H2.HG1.40:GZF1/ZBTB24

PFAM: zf-C2H2_6/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/z

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf–C2H2

assignment: archetype



Nvec_vc1.1_XM_032384221.2 (ETV6/7)

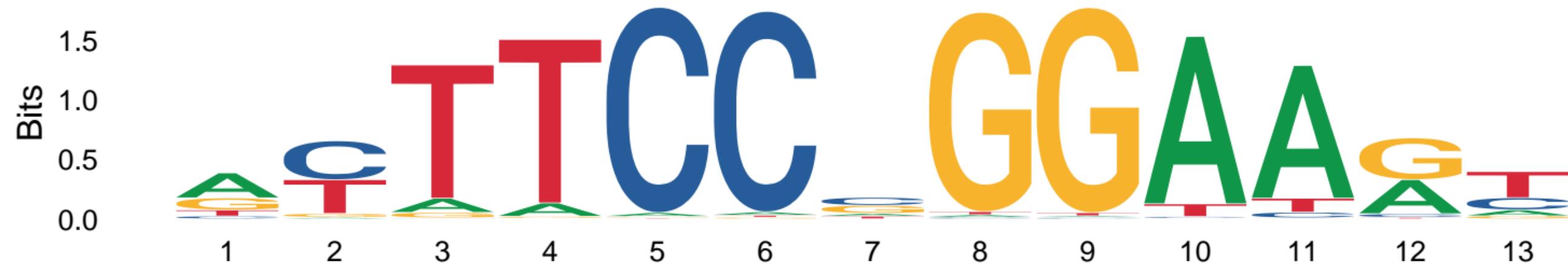
OG: Ets.HG1.13:ETV6/ETV7

PFAM: Ets

archetype: ARCH551_Elf3/Ehf/Elf5_Etv6

archetype family: Ets

assignment: archetype



Nvec_vc1.1_XM_032384228.2

OG: HMGbox_Sox.HG1.26:like:SOX8/SOX9/SOX10

PFAM: HMG_box

archetype: ARCH149_/Sox4/Sox11_Sox13/S...

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032384300.2

OG: bZIP.HG3.0:MAFF/MAFG/MAFK

PFAM: bZIP_Maf

archetype: ARCH1281_Cic_Hbp1_Sox13/Sox...

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_032384420.2 (Sp6–9)

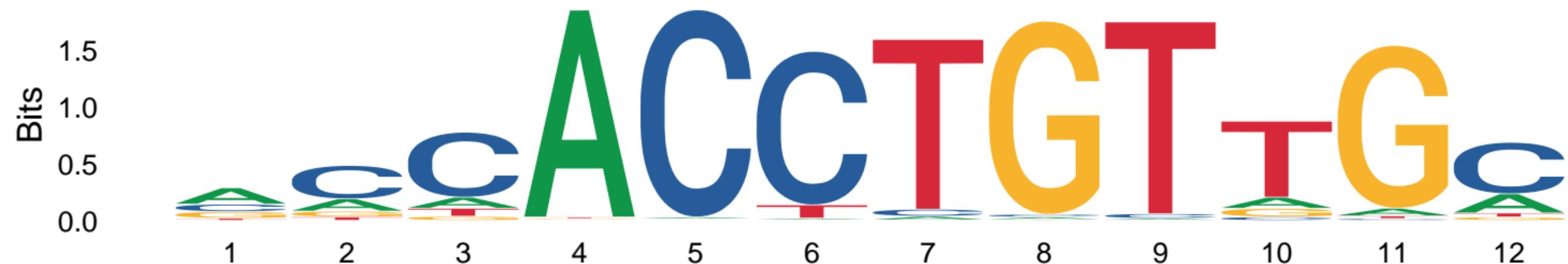
OG: zf-C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9

PFAM: zf-C2H2/zf-C2H2/zf-C2H2_4

archetype: ARCH861_Scrt2/Scrt1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032384447.2

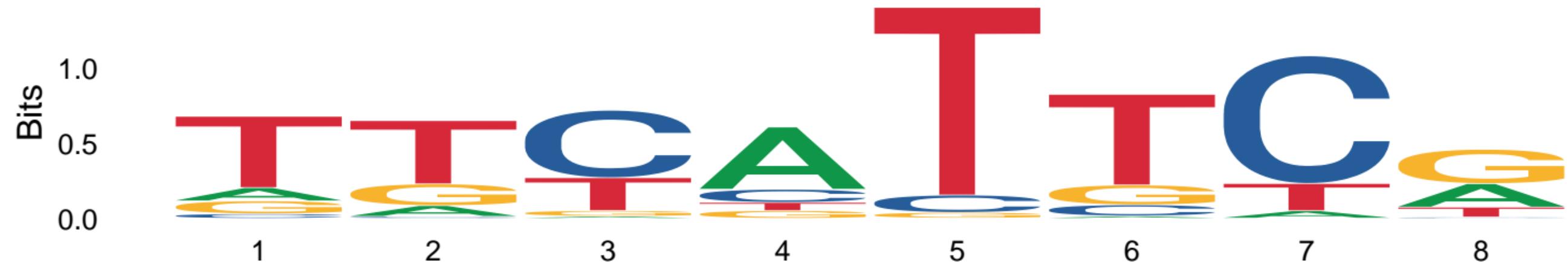
OG: zf-C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1204_ARR1_ZNF24

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032384450.2

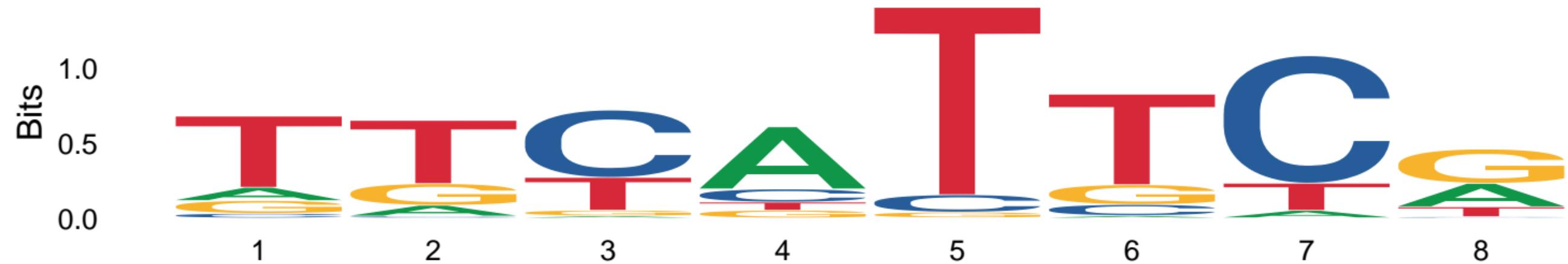
OG: zf-C2H2.HG2.14:SP1/SP2/SP3/SP4/SP5/SP6/SP7/SP8/SP9

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1204_ARR1_ZNF24

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032384474.2

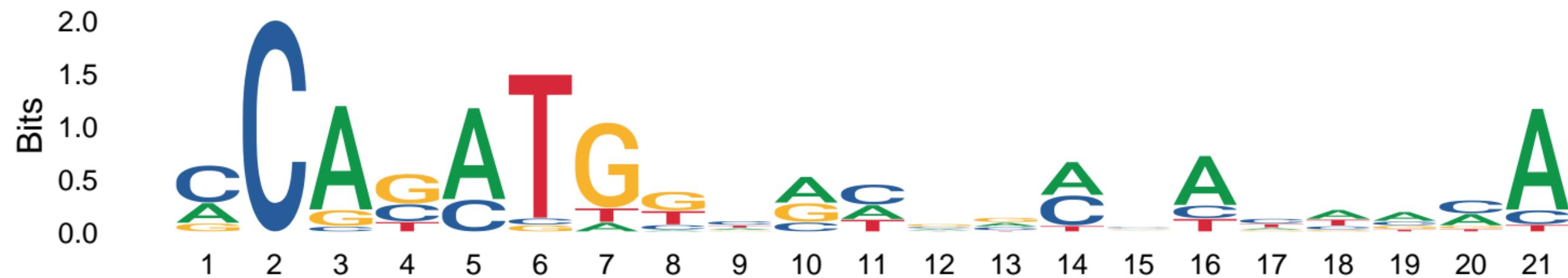
OG: HLH.HG1.85:SCX/TCF15

PFAM: HLH

archetype: M06000_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_032384768.2

OG: zf-C2H2.HG3.0:like:AC002310.4/BCL6/HINFP/HIVEP2/HIVEP3/PRDM9/RREB1/Y

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH419_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032384889.2 (Hes2)

OG: HLH.HG1.63:like:HES5/HES7

PFAM: HLH/Hairy_orange

archetype: Hes2_241030_homer

archetype family: HLH

assignment: dapseq

2.0
1.5
1.0
0.5
0.0

Bits



Nvec_vc1.1_XM_032384912.2

OG: zf-C2H2.HG1.78:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH480_Snai2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032384949.2

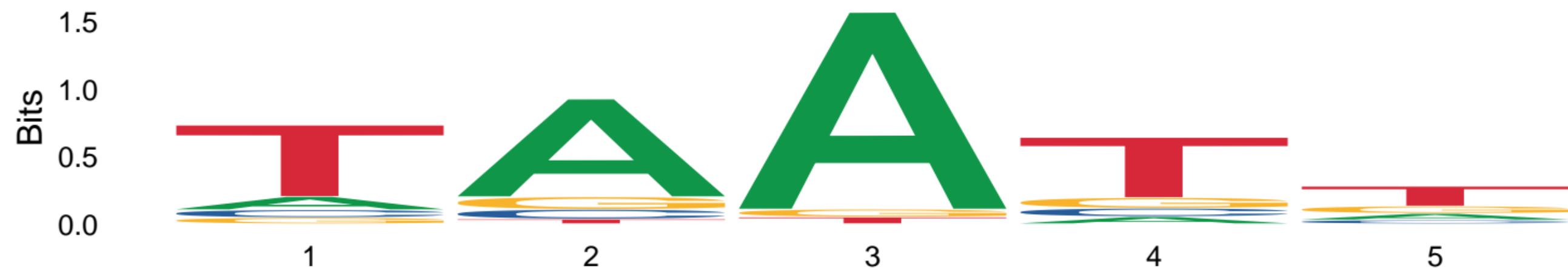
OG: Homeodomains.HG2.8:LHX2/LHX9

PFAM: LIM/LIM/Homeodomain

archetype: ARCH219_Alx3/Alx4/Alx1_Barx...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032384965.2 (BarH-Like3)

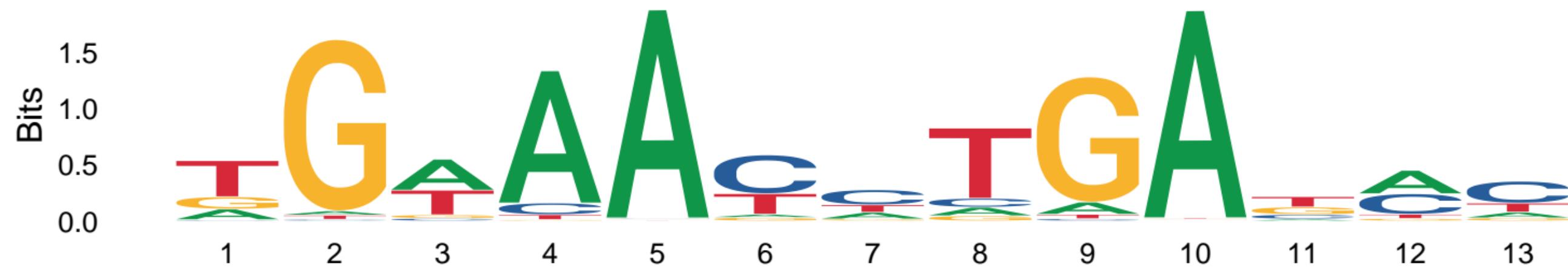
OG: Homeodomains.HG1.39:BARHL1/BARHL2

PFAM: Homeodomain

archetype: ARCH1362_Six1/_Six4/Six5

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032385045.2

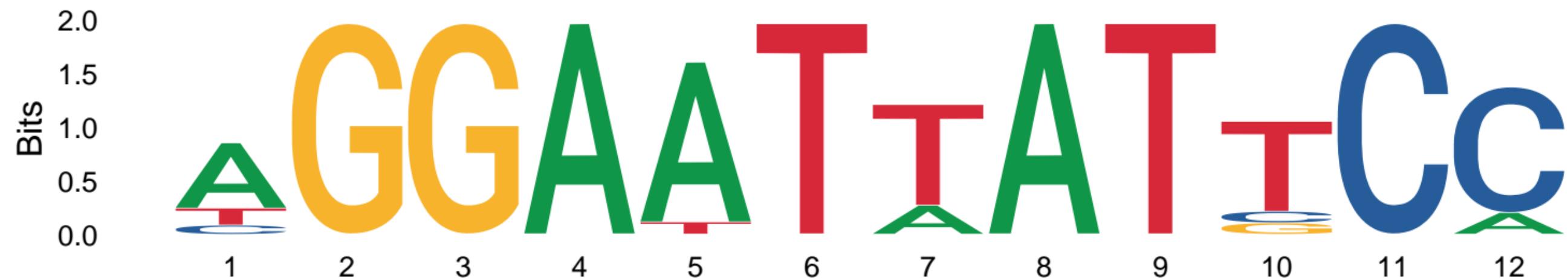
OG: Homeodomains.HG1.21:BARX1/BARX2/BSX/DBX1/DBX2/HLX

PFAM: Homeodomain

archetype: ARCH1055_MF0010.1_Homeobox_...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032385089.2

OG: Ets.HG1.7:GABPA

PFAM: Ets

archetype: ARCH587_Elf3/Ehf/Elf5_Erg/F...

archetype family: Ets

assignment: archetype

2.0

1.5

1.0

0.5

0.0

Bits



Nvec_vc1.1_XM_032385169.2

OG: Homeodomains.HG1.71:like:NOTO

PFAM: Homeodomain

archetype: ARCH103_Hnf1a/Hnf1b

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032385184.2 (Nem24)

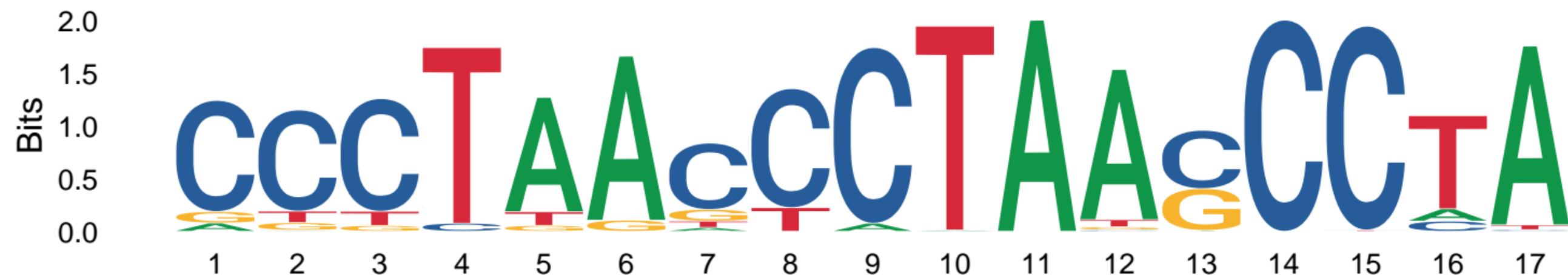
OG: HLH.HG1.93:like:SCX/TCF15

PFAM: HLH

archetype: Nem24_241030_dimont

archetype family: HLH

assignment: dapseq



Nvec_vc1.1_XM_032385185.2 (Nem7)

OG: HLH.HG1.93:like:SCX/TCF15

PFAM: HLH

archetype: ARCH144_BHLHE23

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032385373.2

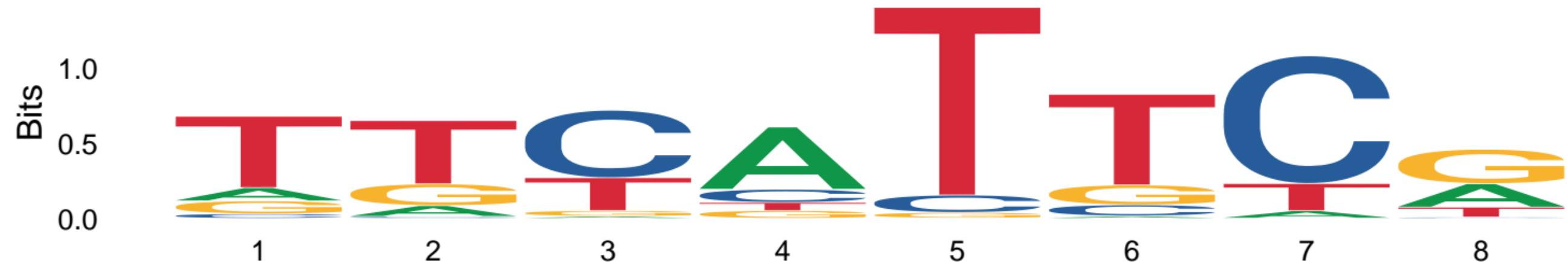
OG: zf-C2H2.HG13.5:GLI4/ZFP90/ZNF7/ZNF10/ZNF19/ZNF75A/ZNF75D/ZNF79/ZNF

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1204_ARR1_ZNF24

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032385411.2

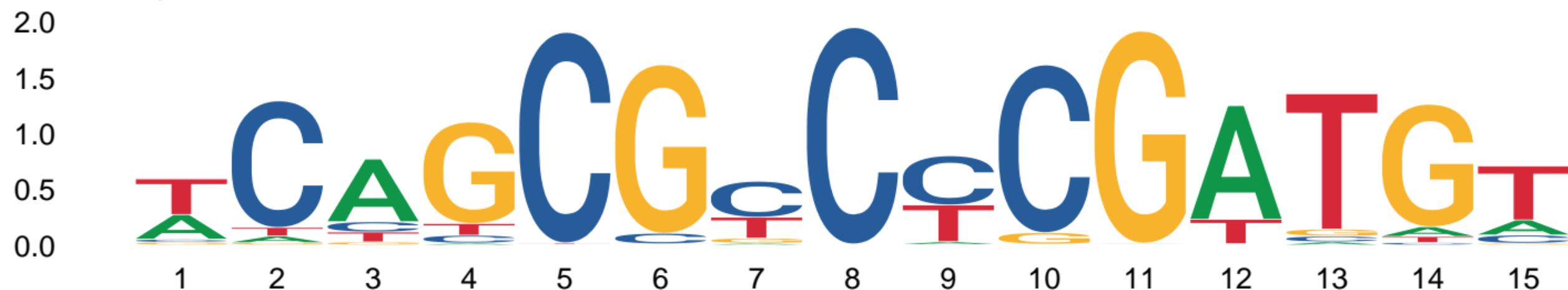
OG: HMGbox_Sox.HG1.17:PINX1/SOX7/SOX17/SOX18

PFAM: HMG_box

archetype: ARCH924_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_032385556.2

OG: Homeodomains.HG4.9:like:POU3F1/POU3F2/POU3F3/POU3F4

PFAM: Pou/Homeodomain

archetype: ARCH950_POU6F1

archetype family: Pou/Homeodomain

assignment: archetype



Nvec_vc1.1_XM_032385569.2

OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCO

PFAM: HLH/PAS/PAS_11

archetype: ARCH867_ZEB1__PL0011.1_hlh-...

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_032385575.2

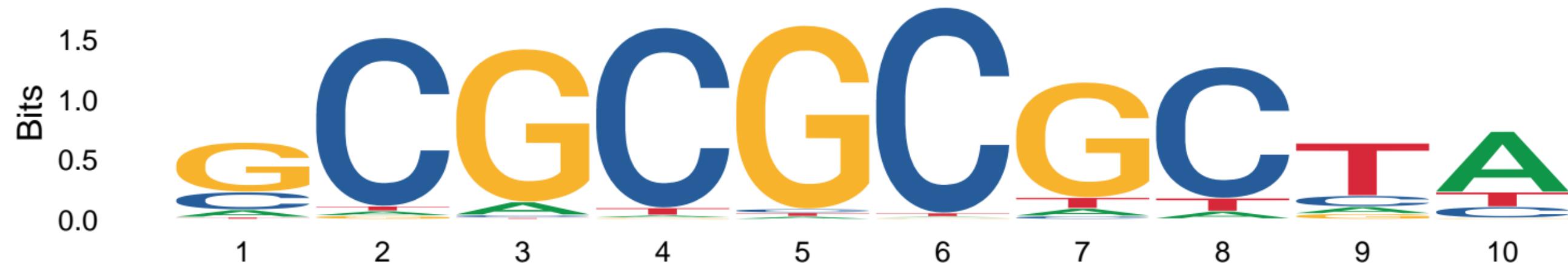
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6

PFAM: E2F_CC-MB

archetype: ARCH367_/E2f4_E2f6_E2f8/E2f...

archetype family: E2F_TDP

assignment: archetype



Nvec_vc1.1_XM_032385577.2

OG: Homeodomains.HG3.2:CERS2/CERS3/CERS4/CERS5/CERS6

PFAM: Homeodomain/TRAM_LAG1_CLN8

archetype: ARCH121_NfyA_Pbx4/Pbx2/Pbx1

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032385647.2 (RFX1/2/3)

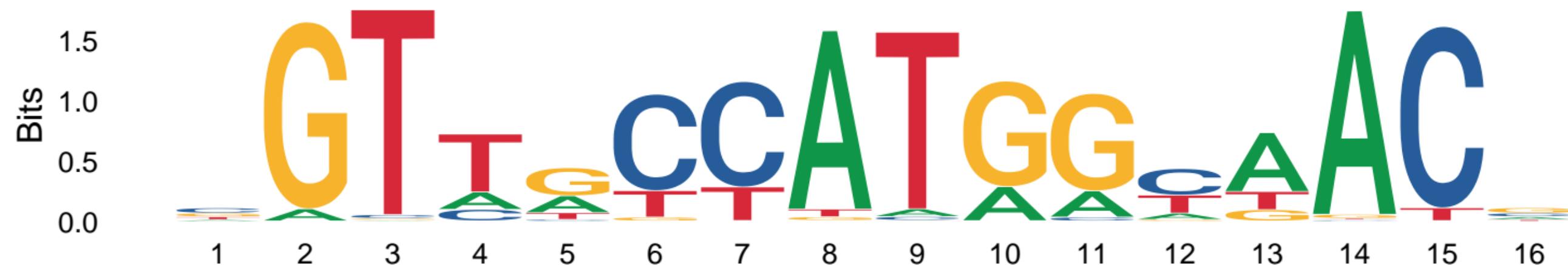
OG: RFX.HG1.2:RFX1/RFX2/RFX3

PFAM: RFX_DNA_binding

archetype: M03961_2.00

archetype family: RFX

assignment: orthology



Nvec_vc1.1_XM_032385706.2 (FoxQ2d)

OG: Forkhead.HG1.14:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2

PFAM: Forkhead

archetype: ARCH1397_RBFox2__OCT:OCT-short

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_032385715.2

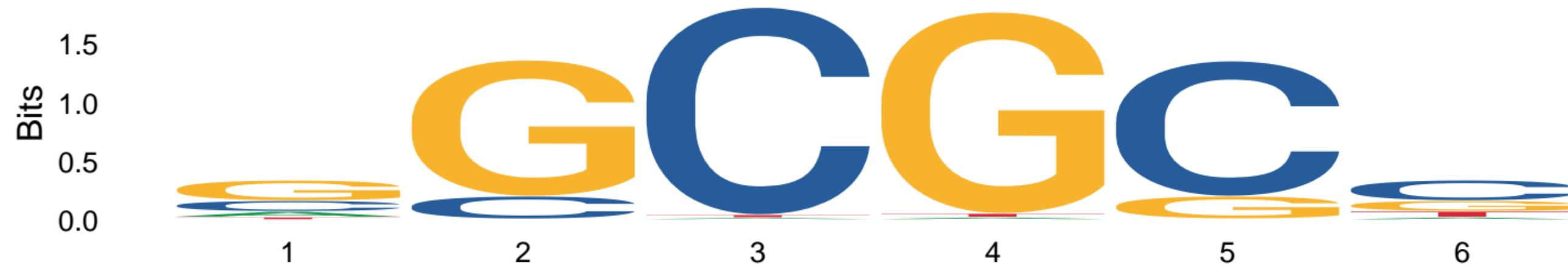
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6

PFAM: E2F_TDP/E2F_CC-MB

archetype: ARCH394_/E2f4_E2f6_E2f8/E2f7

archetype family: E2F_TDP

assignment: archetype



Nvec_vc1.1_XM_032385745.2 (Prdm14d)

OG: zf-C2H2.HG19.1:PRDM14

PFAM: zf-C2H2/zf-C2H2

archetype: ARCH533_Klf5_Klf7_Klf8

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032385746.2

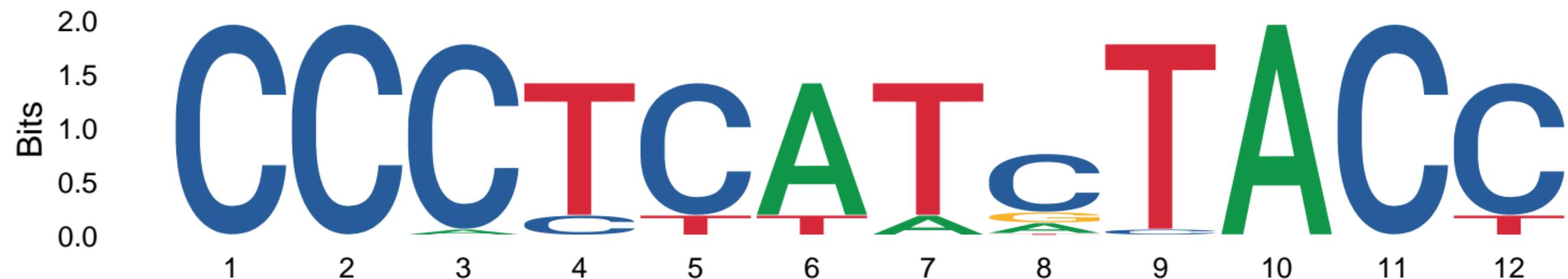
OG: Myb.HG1.2:DMTF1/TTF1

PFAM: Myb_DNA-binding/Myb_DNA-binding

archetype: ARCH1379_MYB17

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_032385896.2 (Cnido-Jun)

OG: bZIP.HG1.6:JUN/JUNB/JUND

PFAM: Jun/bZIP_1

archetype: M04339_2.00

archetype family: bZIP

assignment: orthology



Nvec_vc1.1_XM_032385963.2

OG: zf-C2H2.HG8.0:ZNF576/ZNF683/ZNF891

PFAM: zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032386243.2 (Grainyhead)

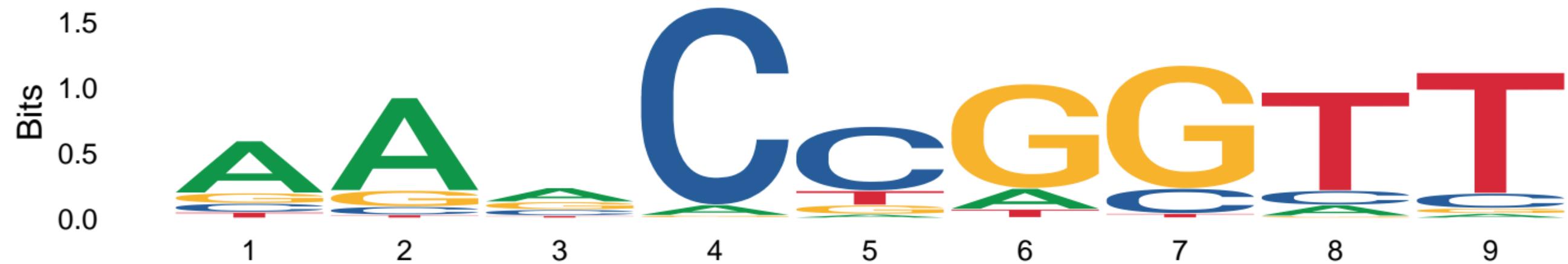
OG: Grainyhead_LSF.HG1.1:GRHL1/GRHL2/GRHL3

PFAM: CP2

archetype: ARCH1265_TFCP2__Tcfcp2I1__G...

archetype family: Grainyhead_LSF

assignment: archetype



Nvec_vc1.1_XM_032386296.2

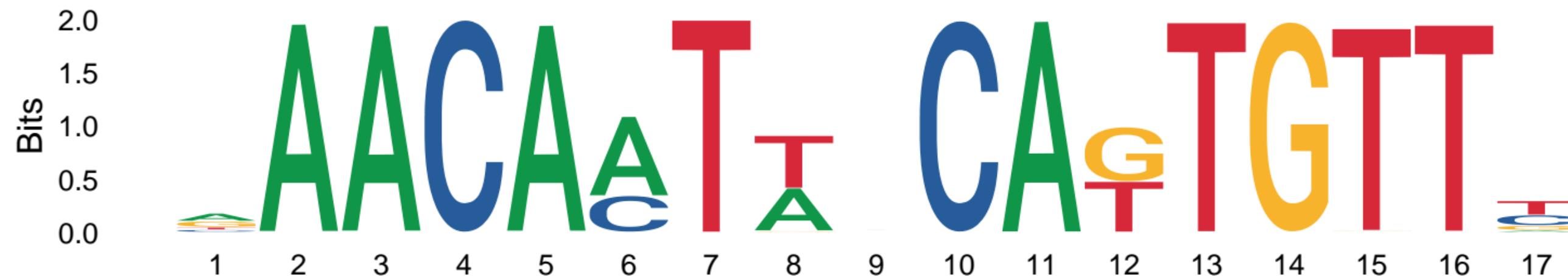
OG: HMGbox_Sox.HG1.18:like:SOX1/SOX2/SOX3/SOX14/SOX15/SOX21/SRY

PFAM: HMG_box

archetype: M03983_2.00

archetype family: HMGbox_Sox

assignment: orthology



Nvec_vc1.1_XM_032386356.2

OG: HLH.HG1.25:SREBF1/SREBF2

PFAM: HLH

archetype: ARCH867_ZEB1__PL0011.1_hlh-...

archetype family: HLH

assignment: archetype

2.0
1.5
1.0
0.5
0.0

Bits



Nvec_vc1.1_XM_032386464.2
OG: HLH.HG1.51:ID1/ID2/ID3/ID4
PFAM: HLH
archetype: ARCH1373_bHLH130
archetype family: HLH
assignment: archetype



Nvec_vc1.1_XM_032386947.2 (FoxQ2a)

OG: Forkhead.HG1.13:like:FOXN1/FOXN2/FOXN3/FOXN4/FOXR1/FOXR2

PFAM: Forkhead

archetype: ARCH1178_/Sox4/Sox11_Foxd2/...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_032386968.2

OG: zf-C2H2.HG1.116:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138

PFAM: zf-C2H2/zf-C2H2_4

archetype: ARCH1253_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032386992.2

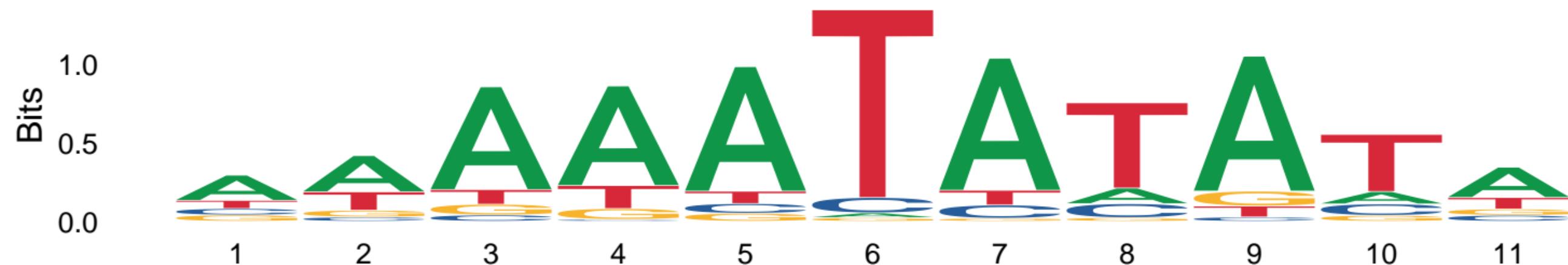
OG: Homeodomains.HG3.13:ONECUT1/ONECUT2/ONECUT3

PFAM: CUT/Homeodomain

archetype: ARCH17_Alx3/Alx4/Alx1_Barx2...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032387080.2

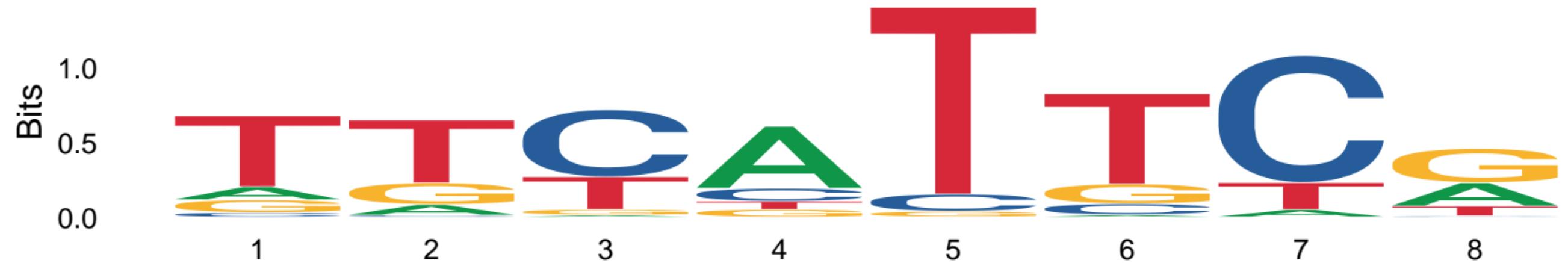
OG: zf-C2H2.HG1.192:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2_6/zf-C2H2

archetype: ARCH1204_ARR1_ZNF24

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032387167.2 (FoxA/D?)

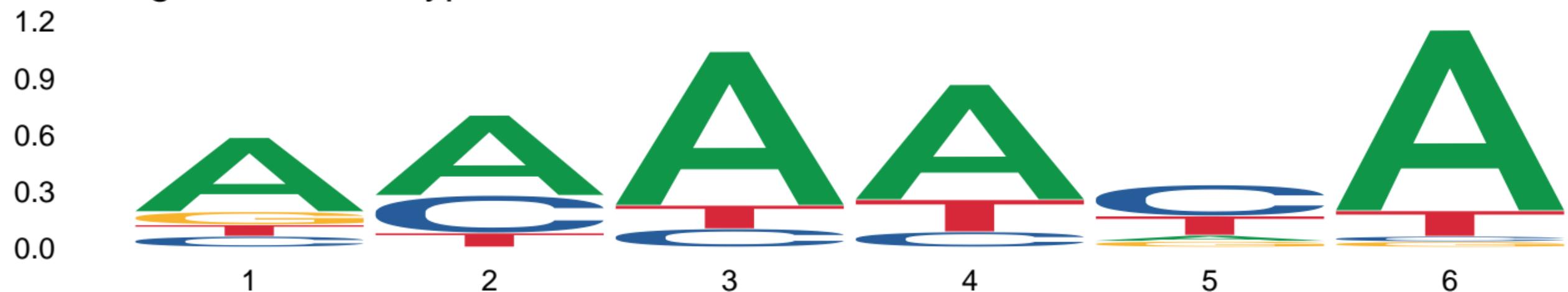
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F

PFAM: Forkhead

archetype: ARCH1102_Foxa3/Foxa1/Foxa2_...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_032387186.2 (SnailA)

OG: zf-C2H2.HG7.5:SNAI1/SNAI2/SNAI3

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH866_ZNF317

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032387218.2

OG: zf-C2H2.HG57.1:like:ZBTB48

PFAM: zf-C2H2_6/zf-C2H2_6/zf-met/zf-C2H2/zf-C2H2

archetype: ARCH627_ZNF189

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032387281.2

OG: zf-C2H2.HG15.1:OVOL1/OVOL2/OVOL3

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1201_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032387283.2

OG: zf-C2H2.HG15.1:OVOL1/OVOL2/OVOL3

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1368_M04483_2.00__M0448...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_032387312.2

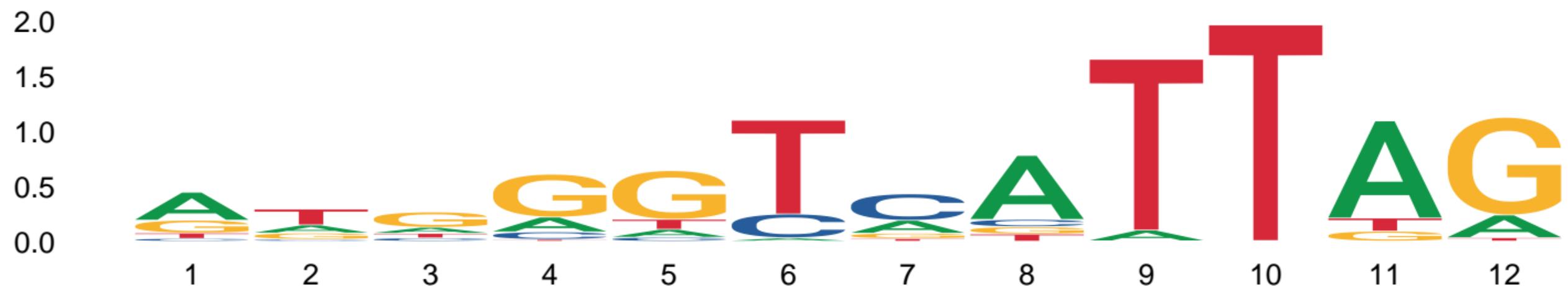
OG: Homeodomains.HG2.1:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/C

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_032387318.2

OG: HLH.HG1.15:like:TFAP4

PFAM: HLH

archetype: Nvec_vc1.1_XM_032387318.2_HLH.HG1.15:like:TFAP4_241030_homer

archetype family: HLH

assignment: dapseq



Nvec_vc1.1_XM_032387414.2

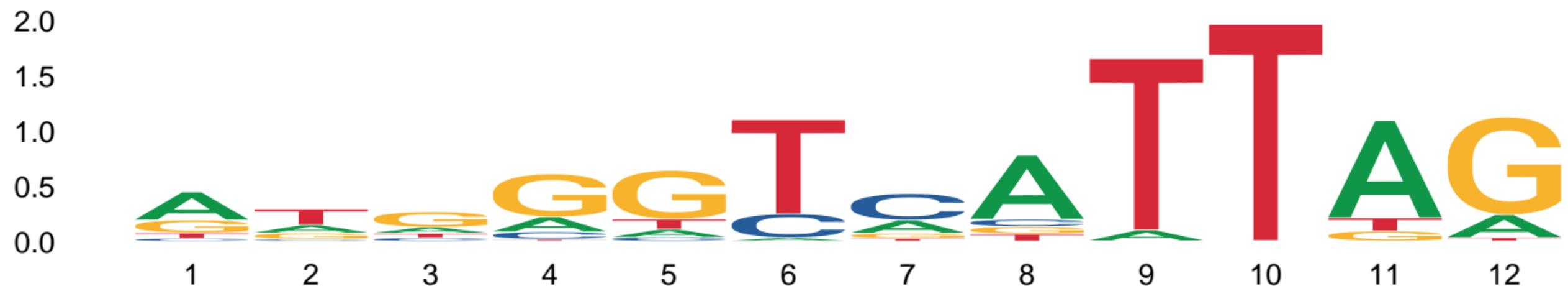
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048719424.1

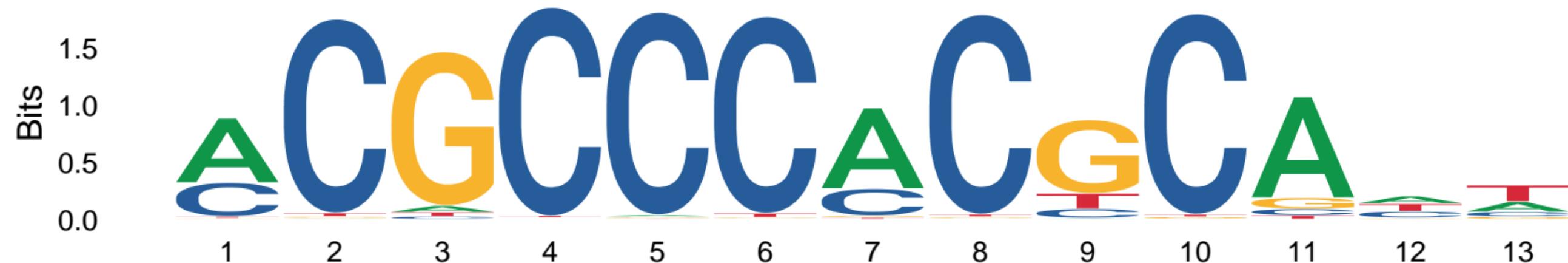
OG: zf-C2H2.HG1.36:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2

archetype: ARCH1245_Egr3/Egr1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048719441.1

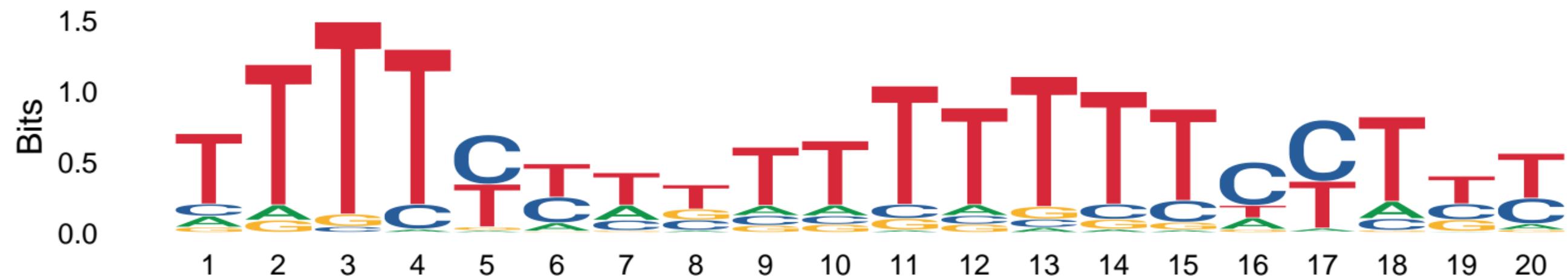
OG: zf-C2H2.HG24.0:ZNF599/ZSCAN25

PFAM: zf-C2H2/zf-C2H2_3rep/zf-C2H2

archetype: ARCH1206_M08277_2.00__M0885...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048719714.1

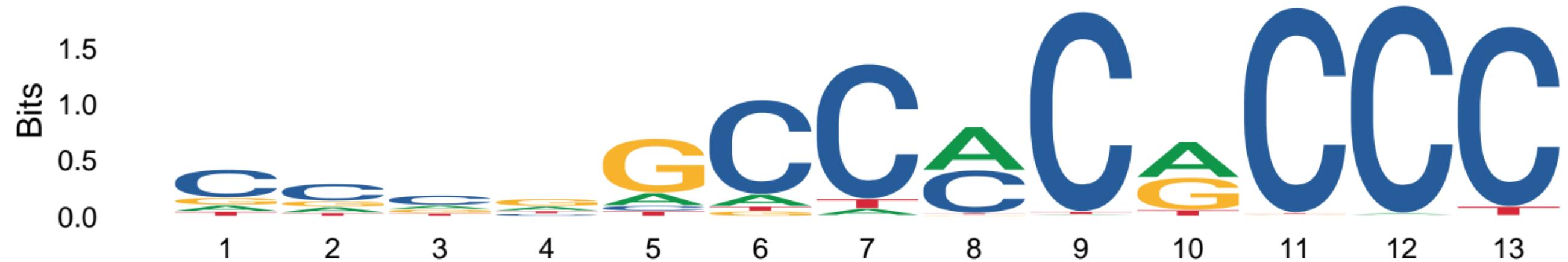
OG: zf-C2H2.HG116.1:NA

PFAM: zf-C2H2/zf-C2H2

archetype: ARCH348_Klf11_Klf5_Klf7_Klf8

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048720215.1

OG: zf-C2H2.HG116.0:NA

PFAM: zf-C2H2/zf-C2H2

archetype: ARCH1201_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048720219.1

OG: zf-C2H2.HG1.36:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2

archetype: ARCH341_Klf11_Klf15_Sp6/Sp5...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048720635.1

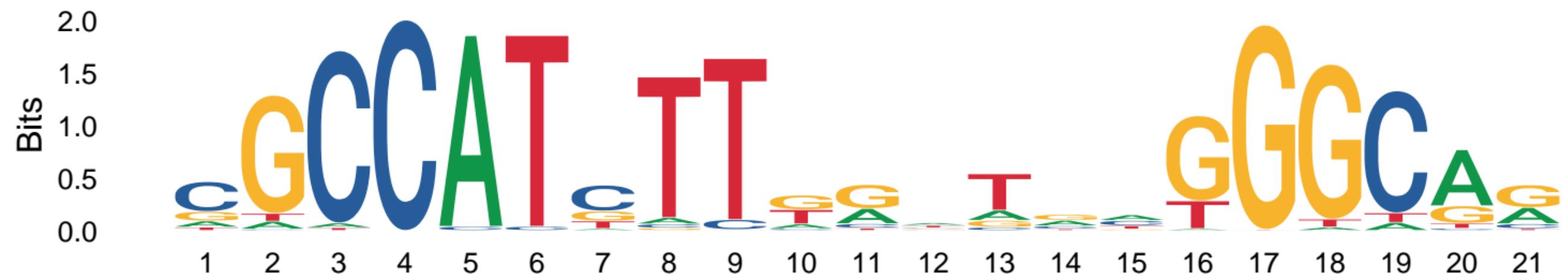
OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/T

PFAM: THAP

archetype: ARCH1254_M08020_2.00

archetype family: THAP_finger

assignment: archetype



Nvec_vc1.1_XM_048720727.1

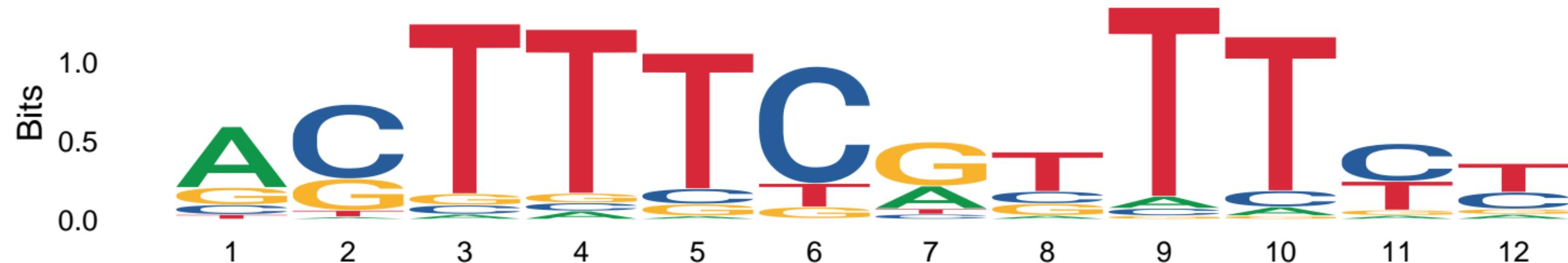
OG: IRF.HG1.1:IRF1/IRF2/IRF3/IRF4/IRF5/IRF6/IRF7/IRF8/IRF9

PFAM: IRF/IRF-3

archetype: ARCH590_T1ISRE__IRF2

archetype family: IRF

assignment: archetype



Nvec_vc1.1_XM_048721315.1

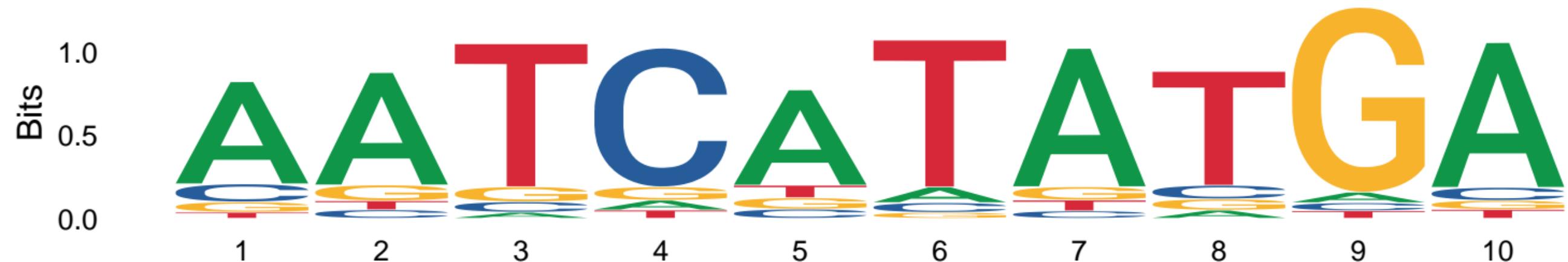
OG: HLH.HG1.31:like:ASCL1/ASCL2/ASCL3/ASCL4/ASCL5/ATOH1/ATOH7/ATOH8/BH

PFAM: HLH

archetype: ARCH144_BHLHE23

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_048721411.1

OG: zf-C2H2.HG66.0:ZNF8

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048721414.1

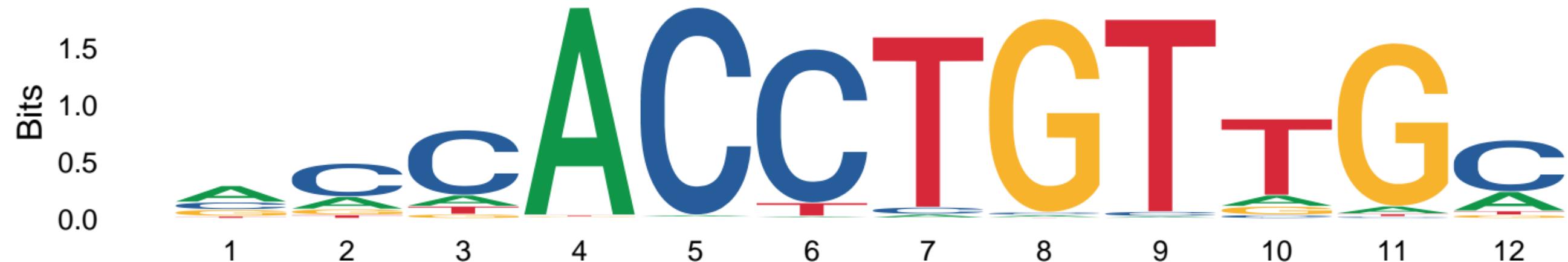
OG: zf-C2H2.HG1.7:PRDM13

PFAM: zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH861_Scrt2/Scrt1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048721452.1

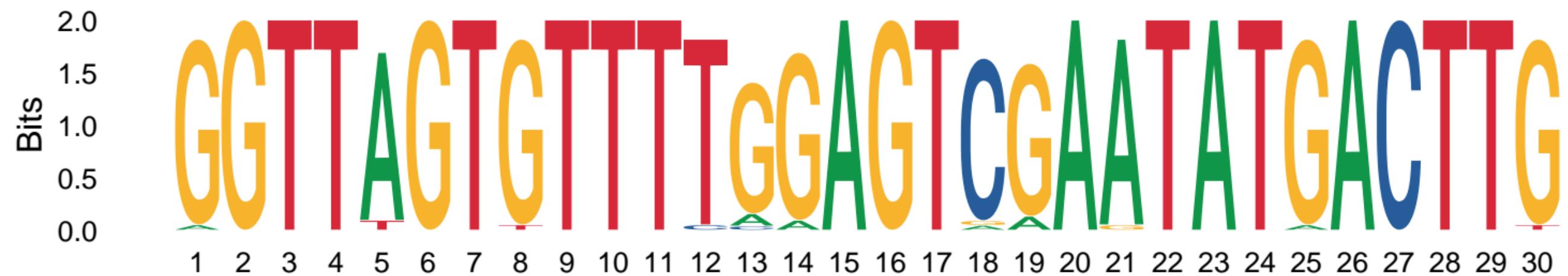
OG: HMGbox_Sox.HG1.62:like:NSD2

PFAM: WD40/WD40/Mcl1_mid/HMG_box

archetype: ARCH1318_M07267_2.00

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_048721581.1

OG: zf-C2H2.HG1.29:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH353_M06062_2.00__M06468...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048721609.1

OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN21

PFAM: Myb_DNA-bind_4

archetype: ARCH193_MYB116

archetype family: Myb

assignment: archetype



Nvec vc1.1 XM 048721905.1

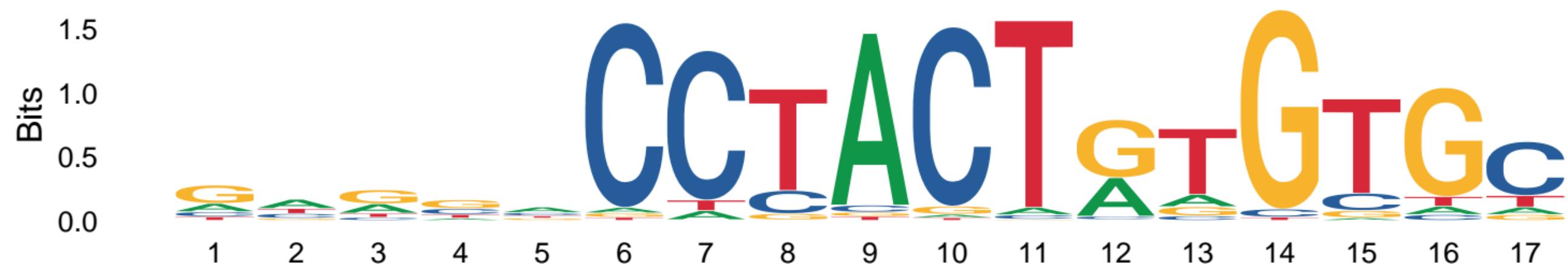
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1369 Zfp7/Gm21060

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048721909.1

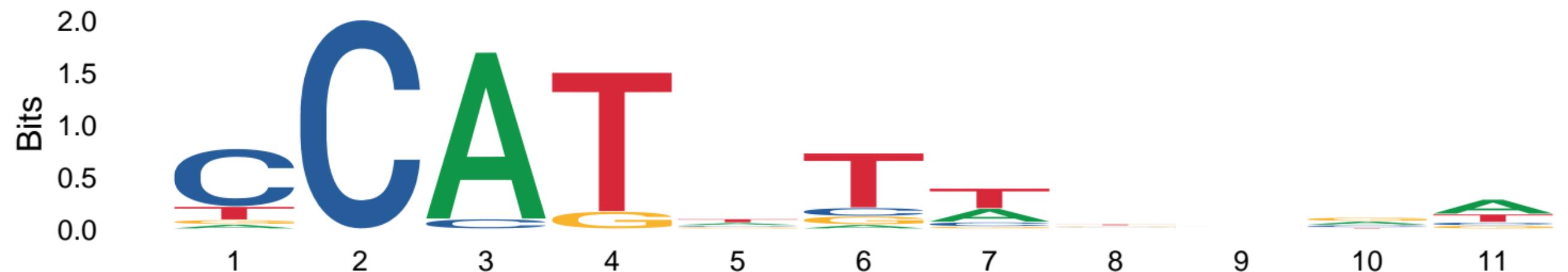
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_11/zf-C2H2/zf-C2H2/zf-C2H2/

archetype: ARCH1311_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048722339.1

OG: HLH.HG1.0:AC019117.4/AHR/AHRR/ARNT/ARNT2/ARNTL/ARNTL2/CLOCK/NCO

PFAM: HLH/PAS

archetype: ARCH867_ZEB1__PL0011.1_hlh-...

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_048722428.1

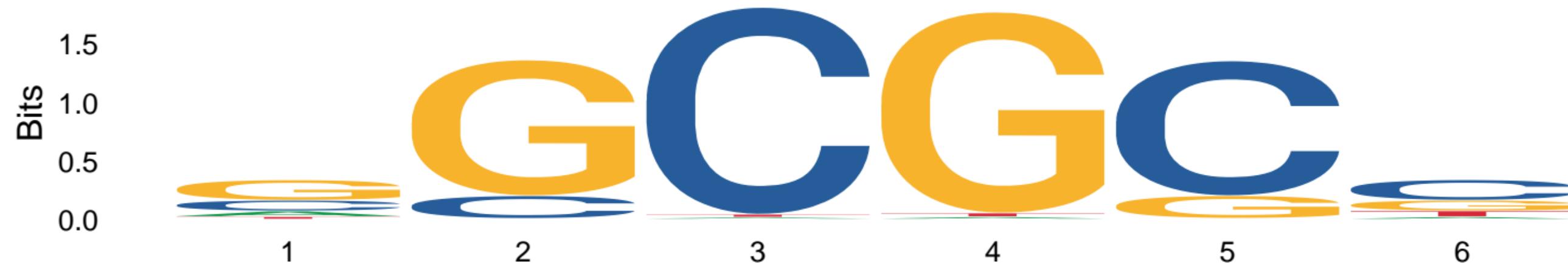
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6

PFAM: E2F_TDP/E2F_CC-MB

archetype: ARCH394_/E2f4_E2f6_E2f8/E2f7

archetype family: E2F_TDP

assignment: archetype



Nvec_vc1.1_XM_048722500.1

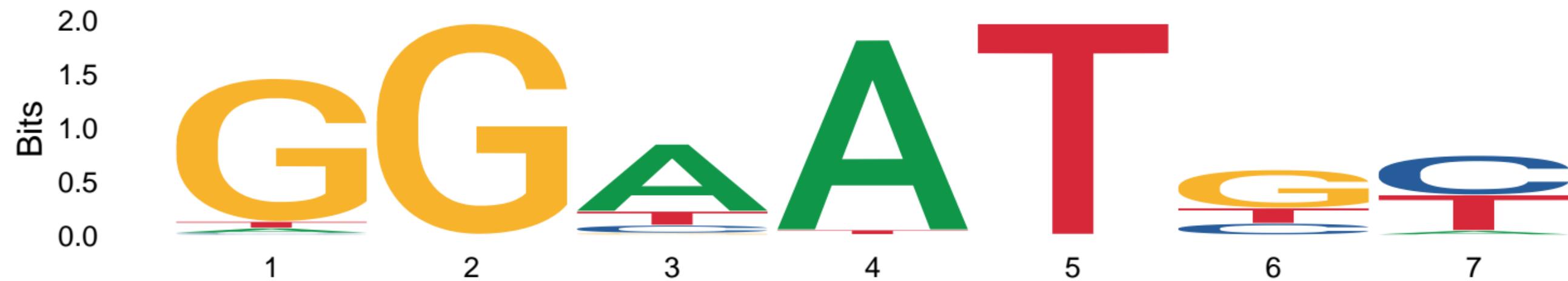
OG: TEA.HG1.0:TEAD1/TEAD2/TEAD3/TEAD4

PFAM: TEA/YBD

archetype: ARCH699_TEAD4

archetype family: TEA

assignment: archetype



Nvec_vc1.1_XM_048722594.1

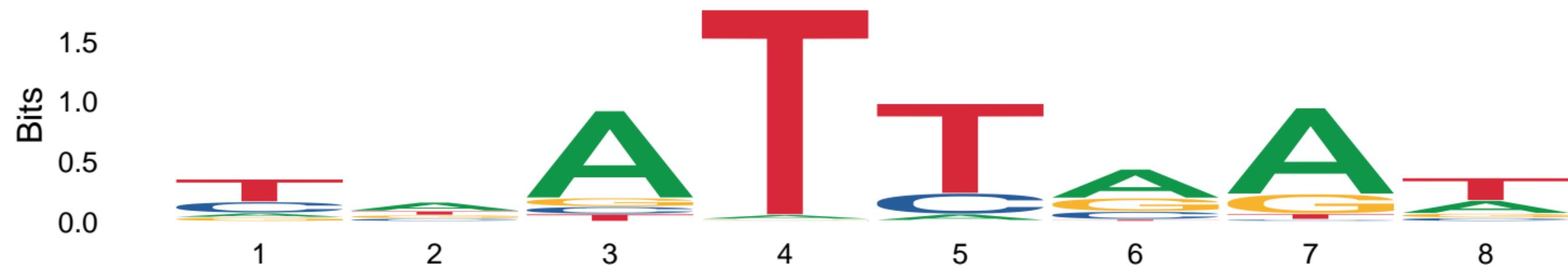
OG: ARID_BRIGHT.HG1.3:ARID2

PFAM: ARID/RFX_DNA_binding

archetype: ARCH237_Arid2_Arid3c/Arid3a...

archetype family: ARID_BRIGHT

assignment: archetype



Nvec_vc1.1_XM_048722680.1

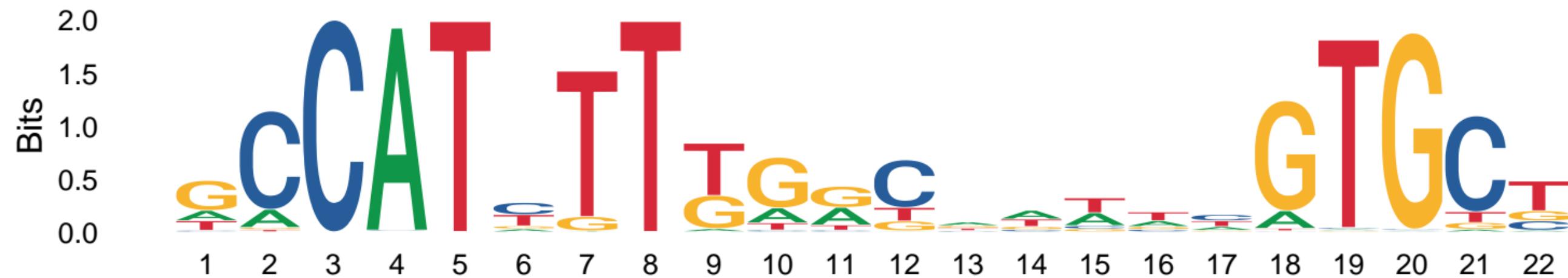
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1255_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048722688.1

OG: Myb.HG3.1:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN29

PFAM: Myb_DNA-bind_4

archetype: ARCH1391_MYB113

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_048722751.1

OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH804_PB0207.1_Zic3_2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048722754.1

OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2_11/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_11/zf-C2

archetype: ARCH1253_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048722777.1

OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH523_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048722810.1

OG: Myb.HG1.5:like:DNAJC1/DNAJC2

PFAM: Myb_DNA-bind_4

archetype: ARCH153_Msantd2_Rcor1/Rcor2...

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_048723038.1

OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2_11/zf-C2H2_11/zf-C2H2/zf-C2H2/zf-C2H2_11/zf-

archetype: ARCH702_Zic1::Zic2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048723046.1

OG: bZIP.HG1.14:like:CREB3/CREB3L1/CREB3L2/CREB3L3/CREB3L4

PFAM: bZIP_1

archetype: M01812_2.00

archetype family: bZIP

assignment: orthology



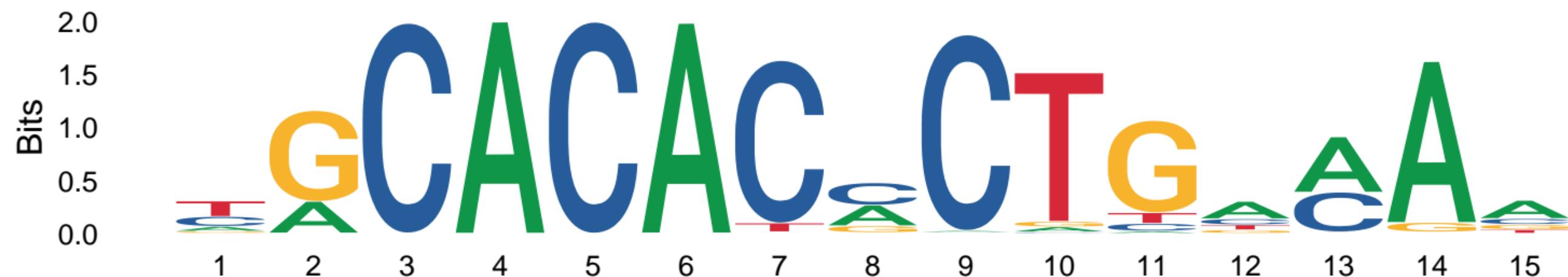
Nvec_vc1.1_XM_048723108.1

OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

archetype: ARCH1368_M04483_2.00_M0448..

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048723109.1

OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

archetype: ARCH529_Rslcan18/Gm28557/Zf..

archetype family: zf–C2H2

assignment: archetype



Nvec_vc1.1_XM_048723111.1

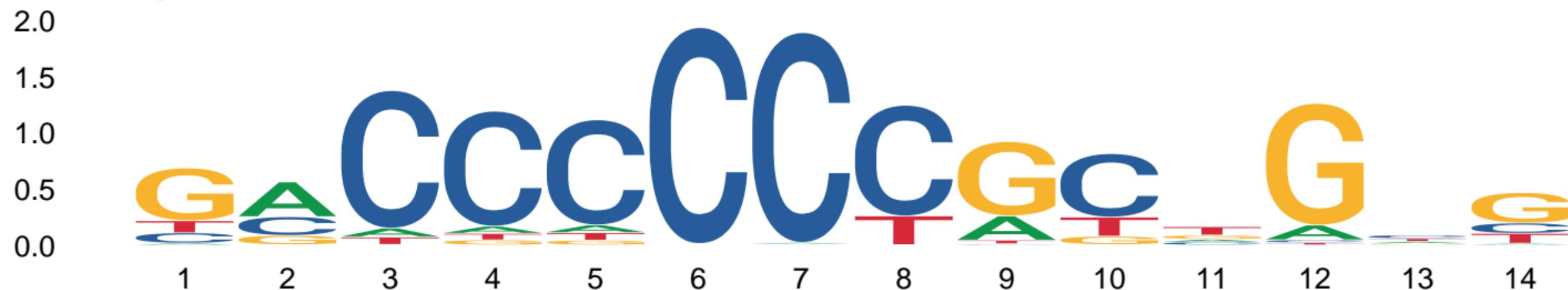
OG: zf-C2H2.HG10.1:ZFP3/ZNF319/ZNF449/ZNF574

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH353_M06062_2.00__M06468...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048723265.1

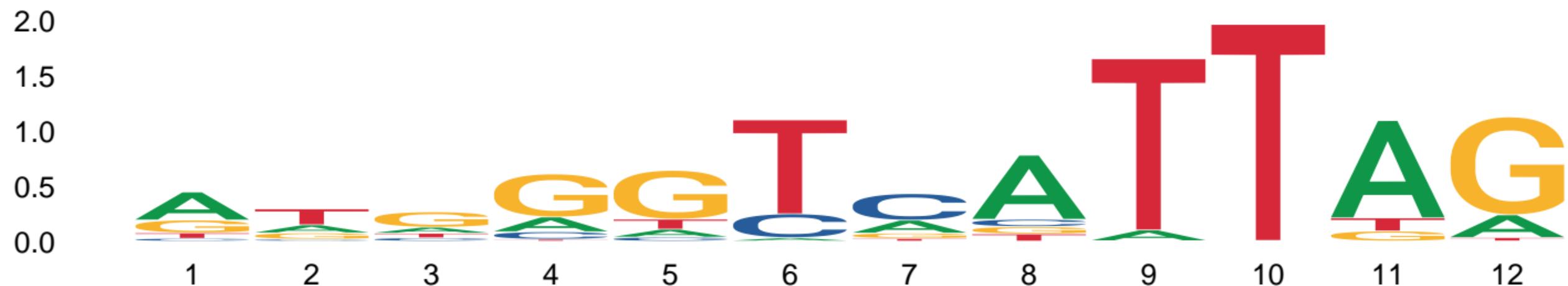
OG: Homeodomains.HG1.19:NKX2-1/NKX2-2/NKX2-3/NKX2-4/NKX2-5/NKX2-6/NK

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048723364.1

OG: bZIP.HG2.0:like:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG

PFAM: bZIP_2

archetype: ARCH1605_Atf4/Atf5

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_048723770.1

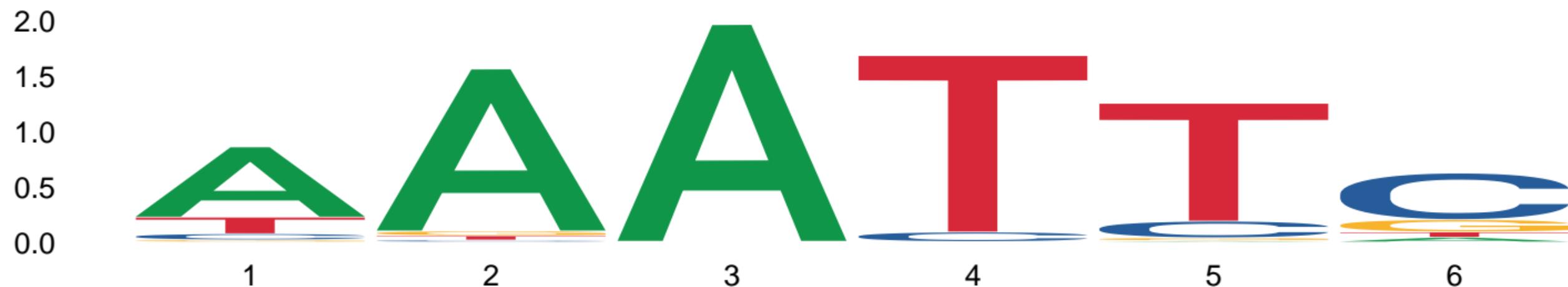
OG: HMGbox_Sox.HG1.49:SMARCE1

PFAM: HMG_box

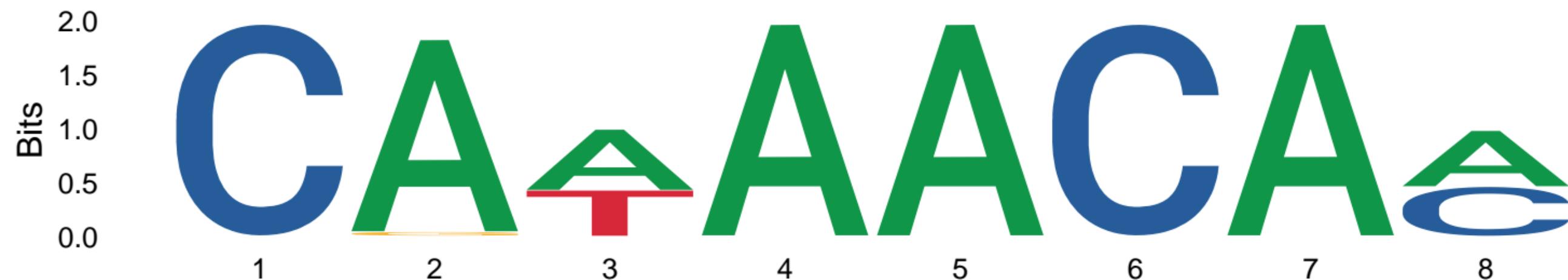
archetype: ARCH76_CES-1__PB0171.1_Sox18_2

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_048723945.1
OG: Forkhead.HG1.16:FOXN2/FOXN3
PFAM: Forkhead
archetype: ARCH829_PB0121.1_Foxj3_2
archetype family: Forkhead
assignment: archetype



Nvec_vc1.1_XM_048724012.1
OG: zf-C2H2.HG4.10:GLI1/GLI2/GLI3
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
archetype: ARCH1043_ZNF652
archetype family: zf-C2H2
assignment: archetype



Nvec_vc1.1_XM_048724319.1

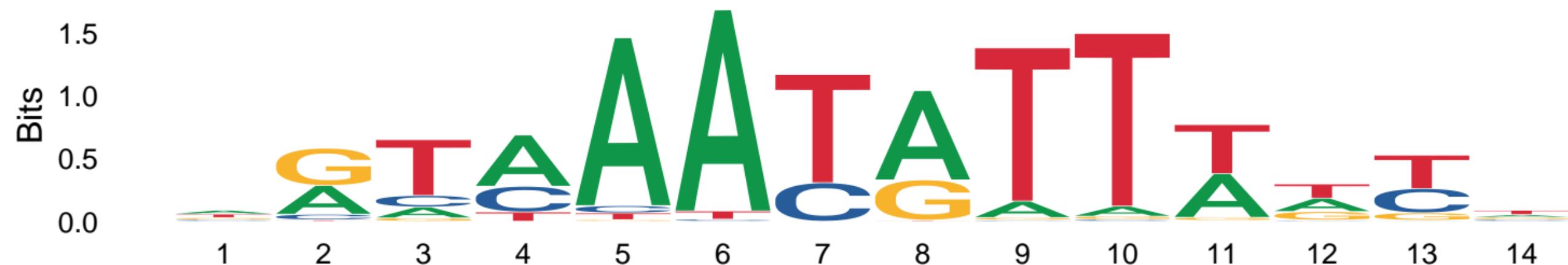
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F

PFAM: Forkhead

archetype: M03042_2.00

archetype family: Forkhead

assignment: orthology



Nvec_vc1.1_XM_048724372.1

OG: HLH.HG1.79:MESP1/MESP2/MSGN1

PFAM: HLH

archetype: ARCH144_BHLHE23

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_048724605.1

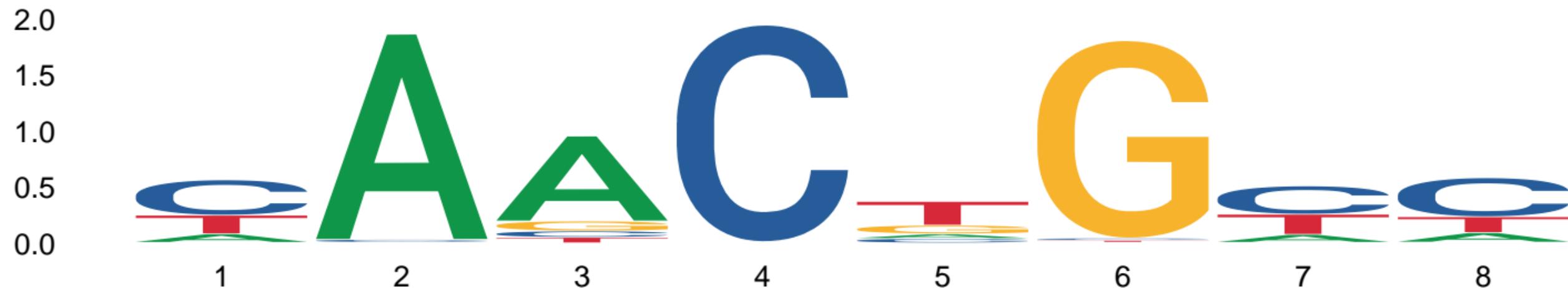
OG: Myb.HG6.0:BDP1

PFAM: Myb_DNA-bind_7

archetype: ARCH1526_Mybl2/Myb/Mybl1

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_048724756.1

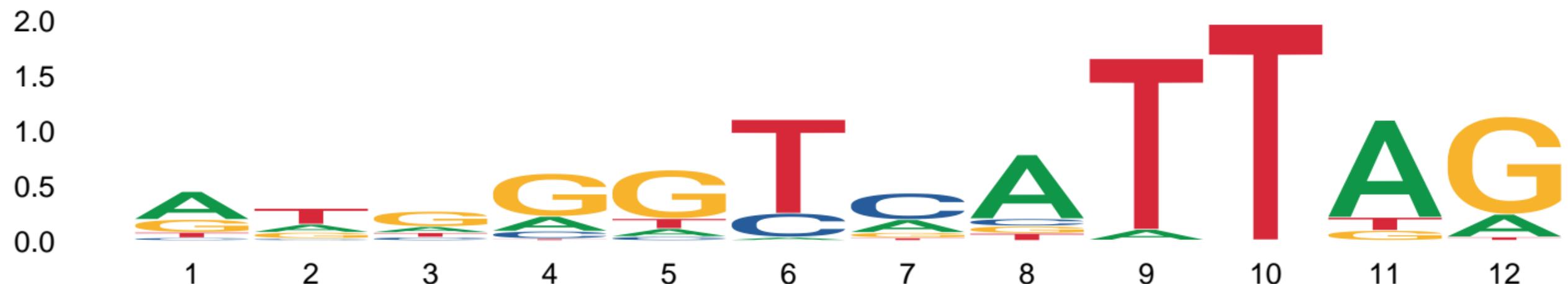
OG: Homeodomains.HG1.23:like:HHEX/LBX1/LBX2/NKX2-1/NKX2-2/NKX2-3/NKX2-

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048724796.1
OG: HLH.HG1.107:like:HES5/HES7
PFAM: HLH
archetype: ARCH1533_BHLH112
archetype family: HLH
assignment: archetype



Nvec_vc1.1_XM_048724802.1

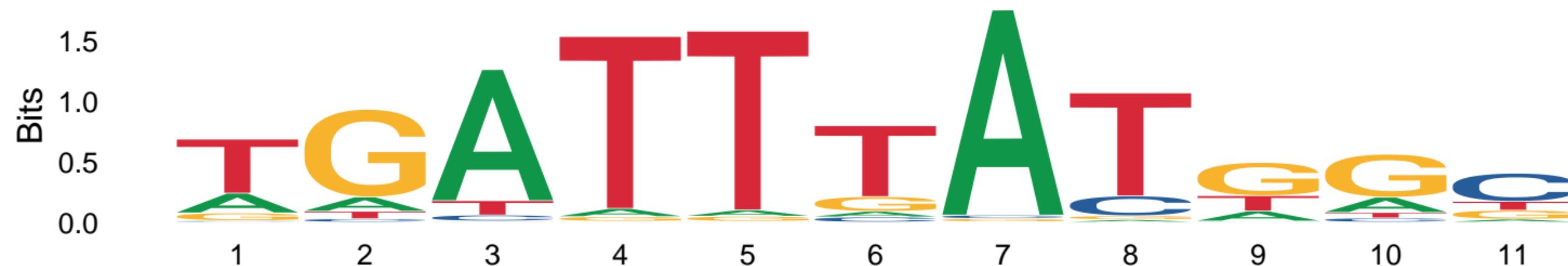
OG: Homeodomains.HG1.55:like:EN1/EN2

PFAM: Homeodomain

archetype: ARCH1028_Alx3/Alx4/Alx1_Bar...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048724840.1

OG: Homeodomains.HG1.11:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/I

PFAM: Homeodomain

archetype: ARCH1437_

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048725325.1

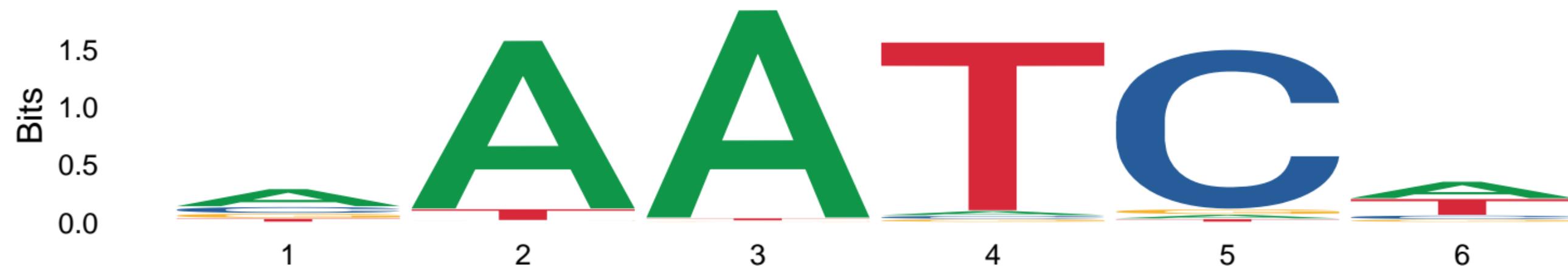
OG: zf-C2H2.HG1.1:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC13869

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1200_Zfp760/Zfp770

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048725461.1

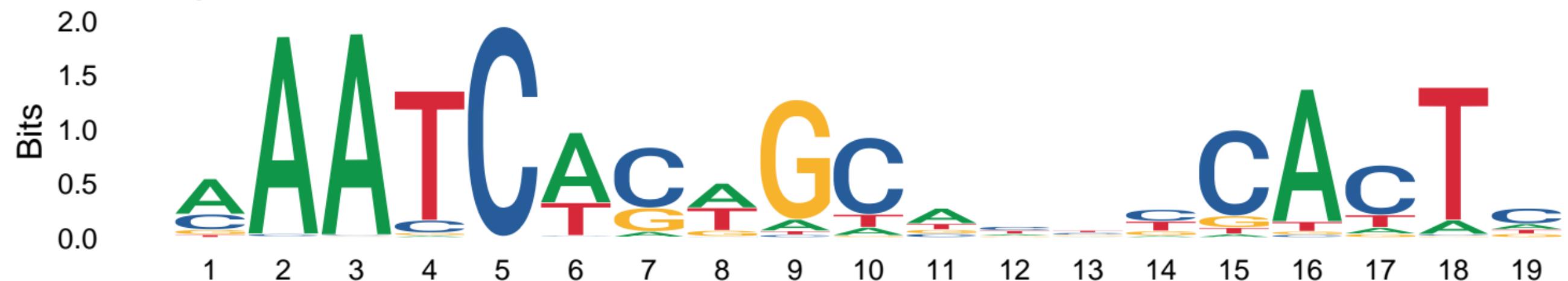
OG: zf-C2H2.HG1.72:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC1386

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048725593.1

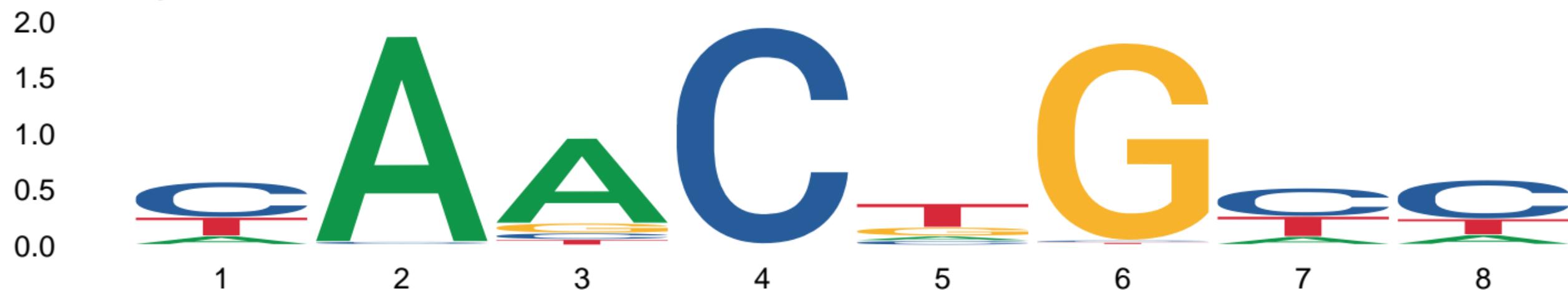
OG: Myb.HG1.3:MYB/MYBL1/MYBL2

PFAM: Myb_DNA-binding/Myb_DNA-bind_6/Cmyb_C

archetype: ARCH1526_Mybl2/Myb/Mybl1

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_048725617.1

OG: HMGbox_Sox.HG1.57:like:HMG20A/HMG20B

PFAM: HMG_box/zf-met

archetype: M02487_2.00

archetype family: HMGbox_Sox

assignment: orthology



Nvec_vc1.1_XM_048725701.1

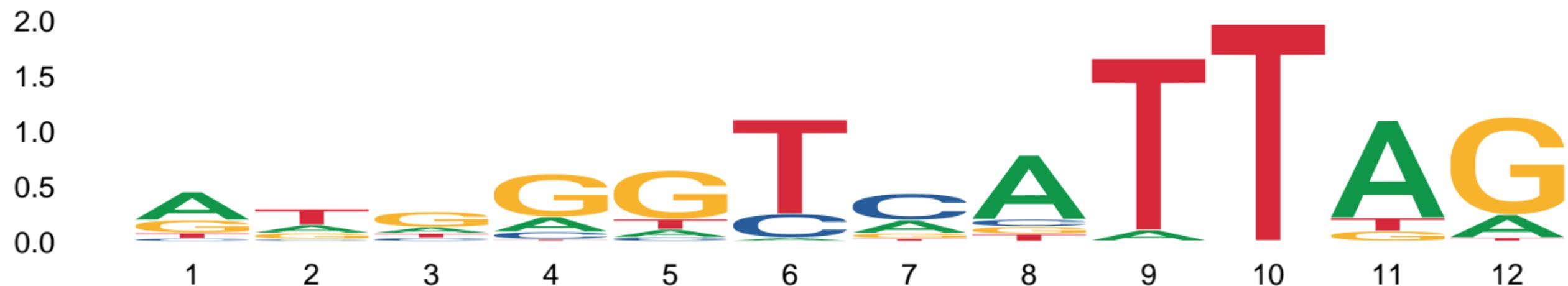
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048725765.1

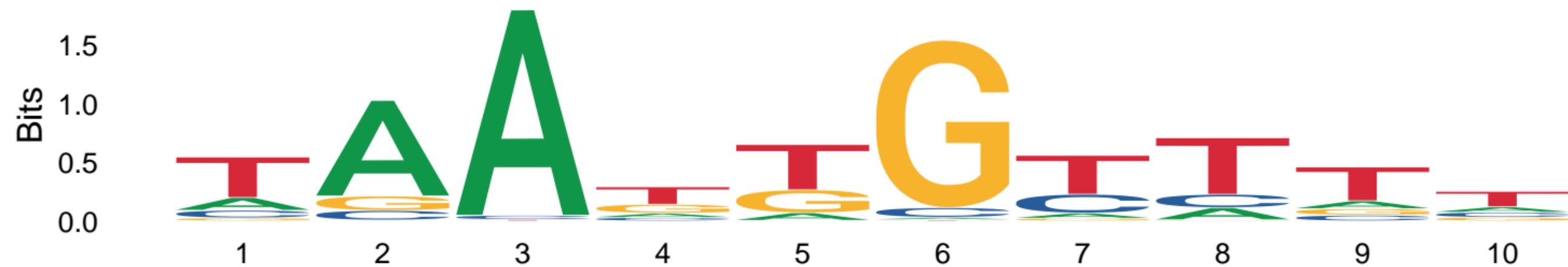
OG: Homeodomains.HG2.21:like:LEUTX

PFAM: CUTL/Homeodomain

archetype: ARCH42_Alx3/Alx4/Alx1_Barx2...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048725947.1

OG: Myb.HG4.3:like:FSBP/MSANTD3/MSANTD4/MYPOP/NAIF1/TSNARE1

PFAM: Myb_DNA-bind_5

archetype: ARCH624_MYB40

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_048726087.1

OG: Myb.HG2.5:NA

PFAM: MADF_DNA_bdg/BESS

archetype: ARCH153_Msantd2_Rcor1/Rcor2...

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_048726174.1

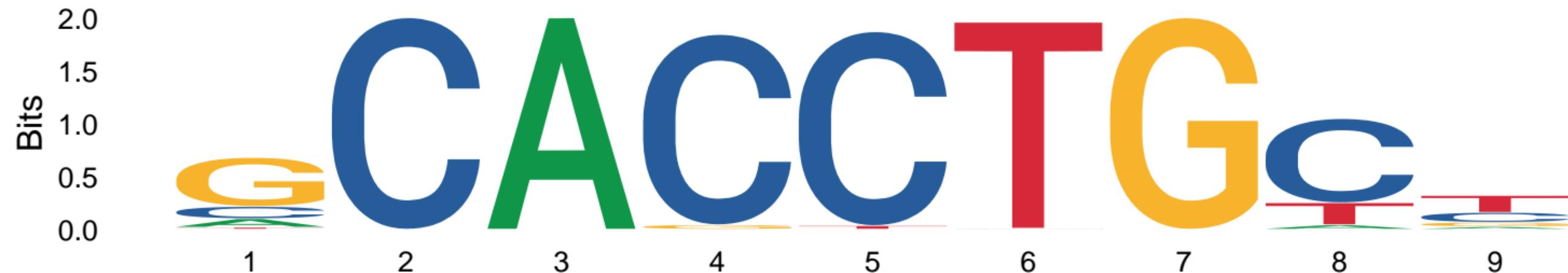
OG: zf-C2H2.HG6.2:MYT1/MYT1L/ST18

PFAM: zf-C2HC/zf-C2HC/zf-C2HC/zf-C2HC/zf-C2HC/zf-C2HC/zf-C2HC

archetype: ARCH530_Snai2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048726224.1

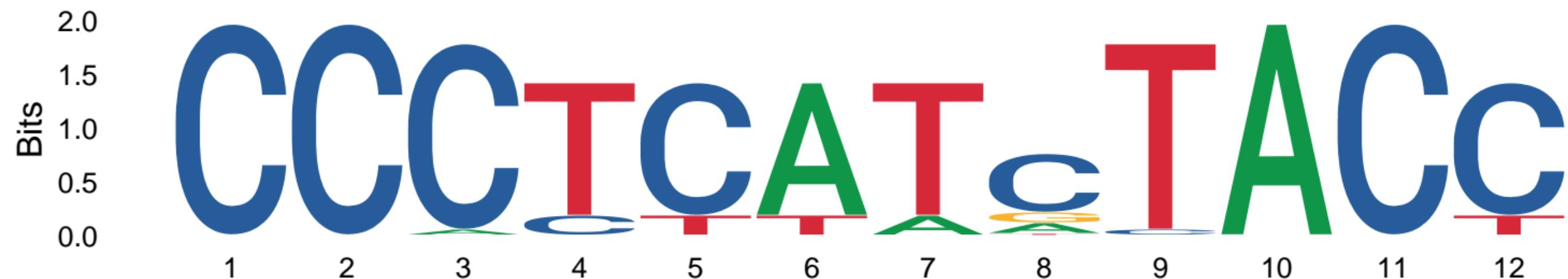
OG: Myb.HG1.22:TADA2A

PFAM: Myb_DNA-binding

archetype: ARCH1379_MYB17

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_048726734.1

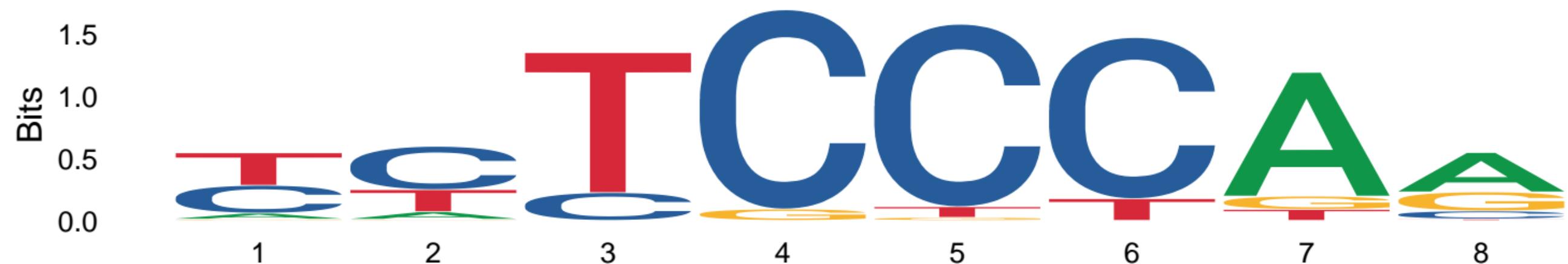
OG: zf-C2H2.HG1.234:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138

PFAM: zf-C2H2/zf-C2H2/zf-H2C2_2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/z

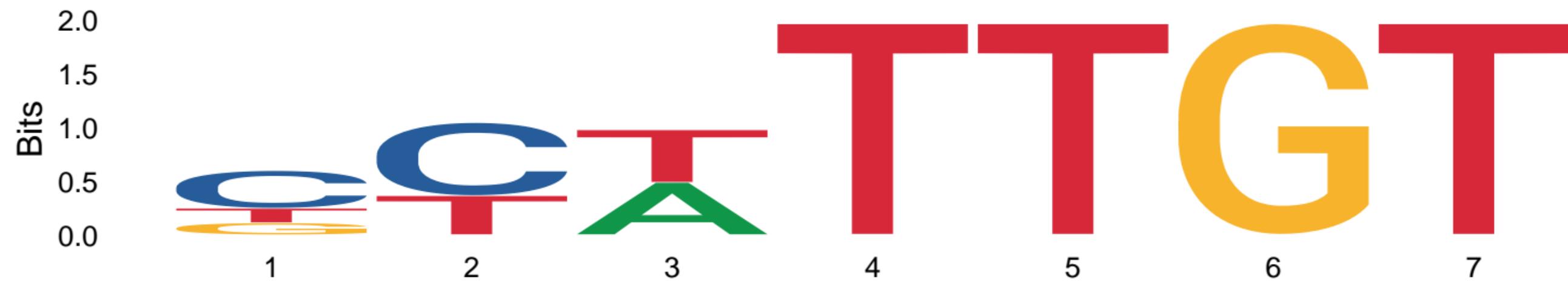
archetype: ARCH822_M08939_2.00__M10306...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048726835.1
OG: HMGbox_Sox.HG1.62:like:NSD2
PFAM: HMG_box
archetype: ARCH1419_Sox21
archetype family: HMGbox_Sox
assignment: archetype



Nvec vc1.1 XM 048726881.1

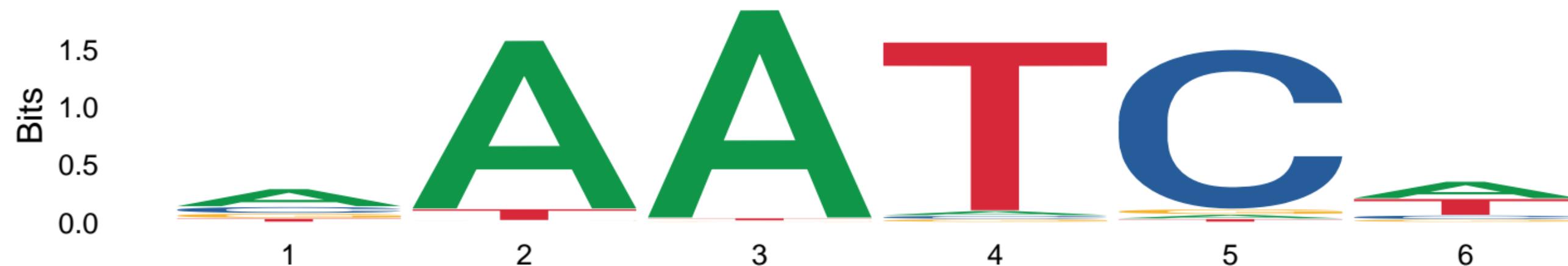
OG: zf-C2H2.HG1.3:ZBTB3

PFAM: zf-C2H2

archetype: ARCH1200_Zfp760/Zfp770

archetype family: zf–C2H2

assignment: archetype



Nvec_vc1.1_XM_048726885.1

OG: zf-C2H2.HG1.3:ZBTB3

PFAM: zf-C2H2_6/zf-C2H2_6/zf-C2H2

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048727075.1

OG: Homeodomains.HG2.12:ESX1

PFAM: Homeodomain

archetype: ARCH121_NfyA_Pbx4/Pbx2/Pbx1

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048727123.1

OG: Myb.HG1.9:NCOR1/NCOR2

PFAM: GPS2_interact/Myb_DNA-binding

archetype: ARCH646_Msantd4/Mypop_Terf2ip

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_048727305.1

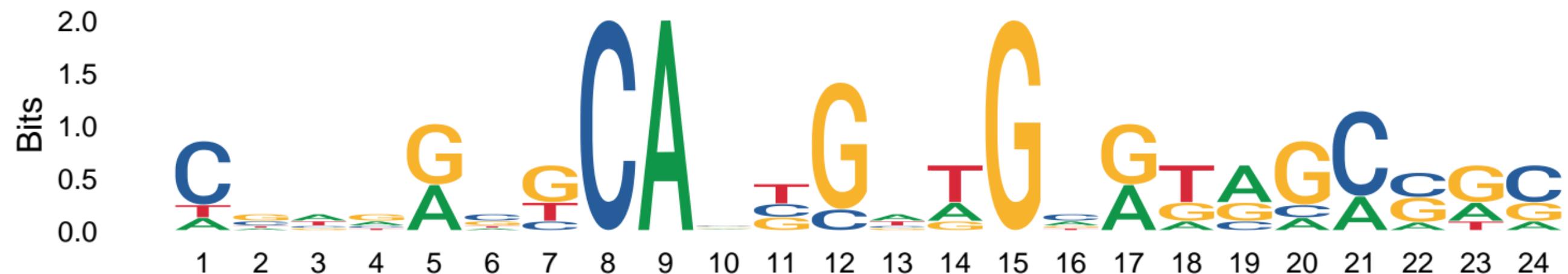
OG: Homeodomains.HG2.18:RHOXF1

PFAM: PAX

archetype: ARCH466_M11208_2.00

archetype family: Pax

assignment: archetype



Nvec_vc1.1_XM_048727543.1

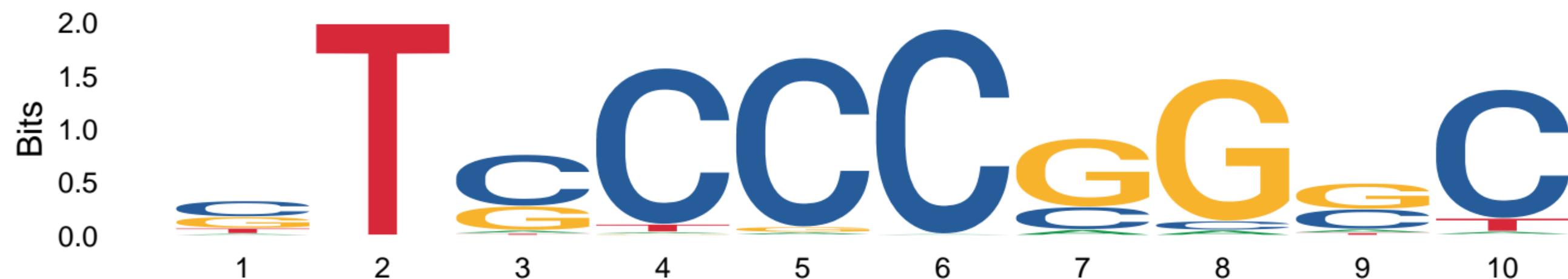
OG: Homeodomains.HG2.17:like:RHOXF1

PFAM: PAX/Homeodomain

archetype: ARCH8_Pax5/Pax8/Pax2

archetype family: Pax/Homeodomain

assignment: archetype



Nvec_vc1.1_XM_048727600.1

OG: Myb.HG2.3:NA

PFAM: MADF_DNA_bdg

archetype: M06395_2.00

archetype family: Myb

assignment: orthology



Nvec_vc1.1_XM_048727677.1
OG: Myb.HG1.23:TERB1/TERF2
PFAM: Myb_DNA-binding
archetype: ARCH1387_MYB105
archetype family: Myb
assignment: archetype



Nvec_vc1.1_XM_048727718.1

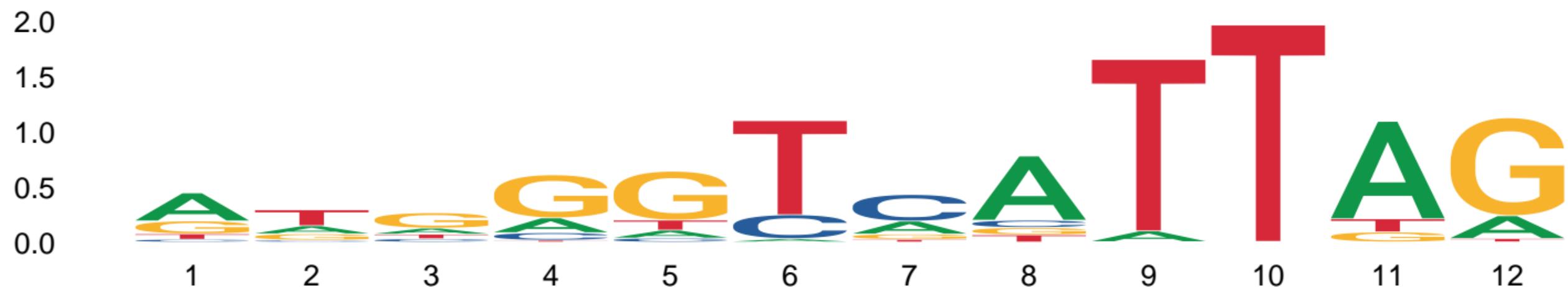
OG: Homeodomains.HG1.5:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/B

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048727956.1

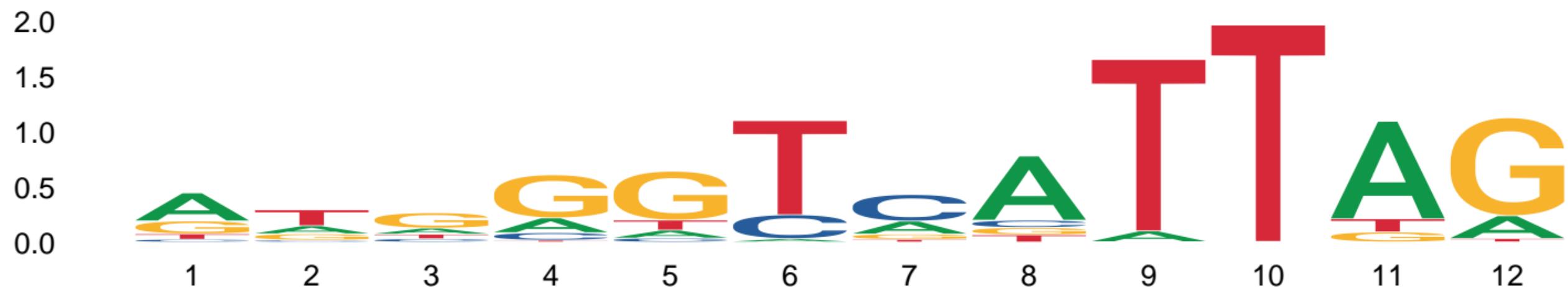
OG: Homeodomains.HG2.2:like:AC025287.4/ALX1/ALX3/ALX4/ARGFX/ARX/CPHXL/C

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048728028.1 (FoxB)

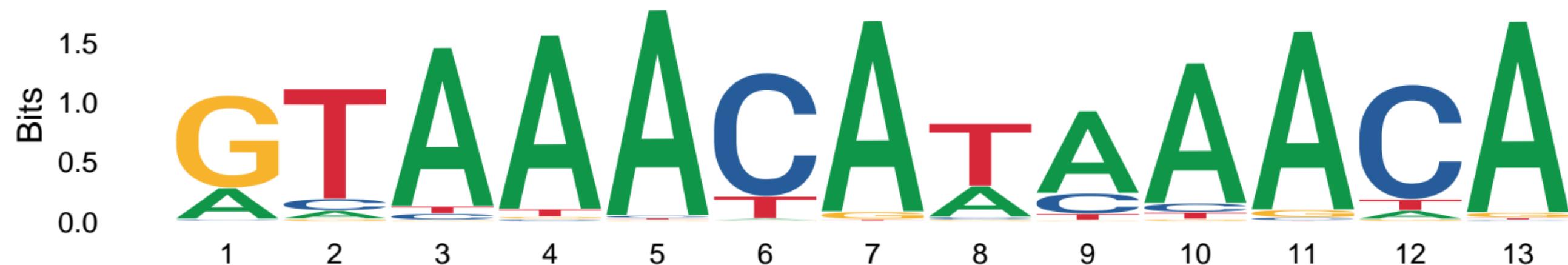
OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F

PFAM: Forkhead

archetype: ARCH975_Foxd2/Foxd4/Foxd3/F...

archetype family: Forkhead

assignment: archetype



Nvec_vc1.1_XM_048728051.1

OG: Forkhead.HG1.1:FOXA1/FOXA2/FOXA3/FOXB1/FOXB2/FOXD1/FOXD2/FOXD3/F

PFAM: Forkhead

archetype: M07960_2.00

archetype family: Forkhead

assignment: orthology



Nvec_vc1.1_XM_048728399.1

OG: bZIP.HG2.5:CEBPA/CEBPB/CEBPD/CEBPE/CEBPG

PFAM: bZIP_2

archetype: ARCH1224_Cebpd/Cebpe/Cebpa/...

archetype family: bZIP

assignment: archetype



Nvec_vc1.1_XM_048728521.1

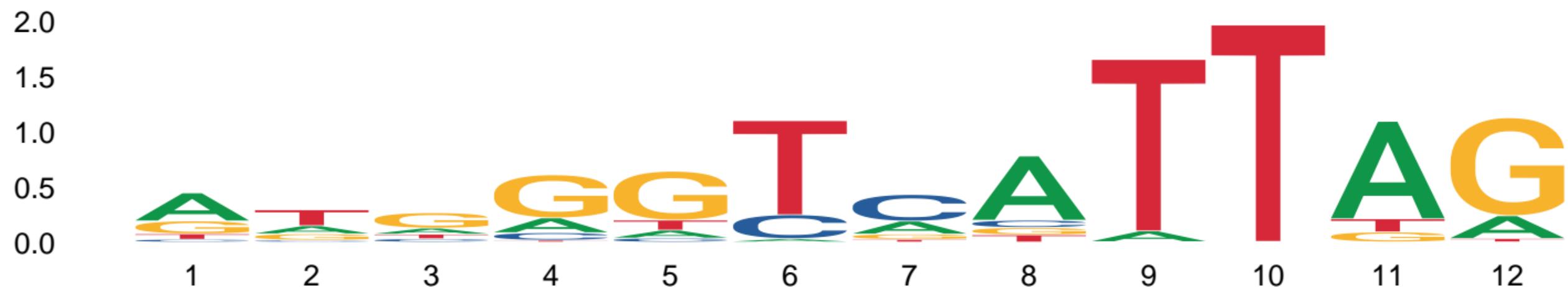
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec vc1.1 XM 048728853.1

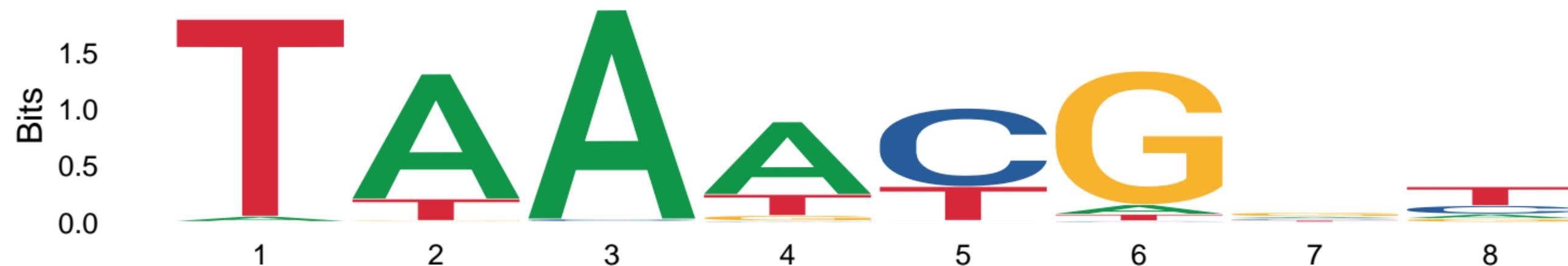
OG: Homeodomains.HG1.24;like:HHEX/LBX1/LBX2/NKX2-1/NKX2-2/NKX2-3/NKX2-4

PFAM: Homeodomain

archetype: ARCH1336 Alx3/Alx4/Alx1 Bar..

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048728967.1

OG: HLH.HG1.29:MYC/MYCL/MYCN

PFAM: HLH/HLH

archetype: ARCH867_ZEB1__PL0011.1_hlh-...

archetype family: HLH

assignment: archetype



Nvec_vc1.1_XM_048728976.1 (Zic-C)

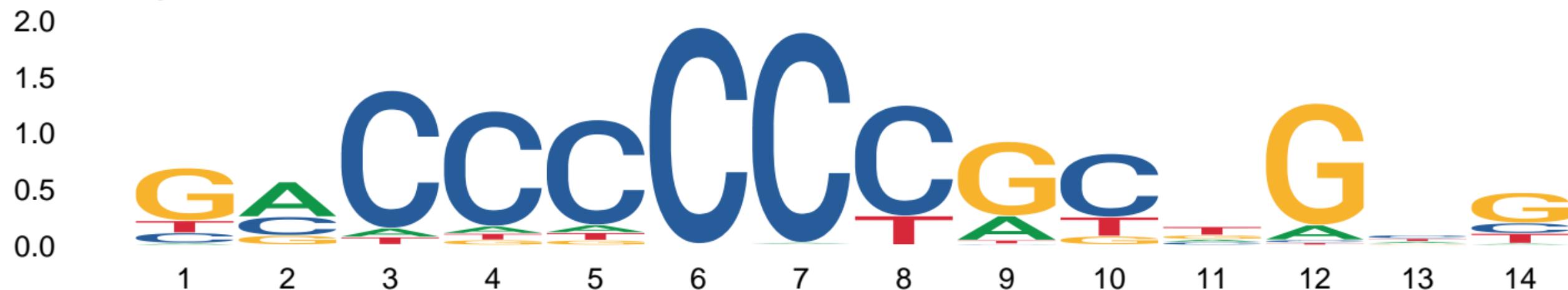
OG: zf-C2H2.HG4.5:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5

PFAM: zf_ZIC/zf-C2H2/zf-C2H2

archetype: ARCH353_M06062_2.00__M06468...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048729186.1

OG: Ets.HG1.9:AC020909.1/SPI1/SPIB/SPIC

PFAM: Ets

archetype: ARCH587_Elf3/Ehf/Elf5_Erg/F...

archetype family: Ets

assignment: archetype



Nvec_vc1.1_XM_048729481.1

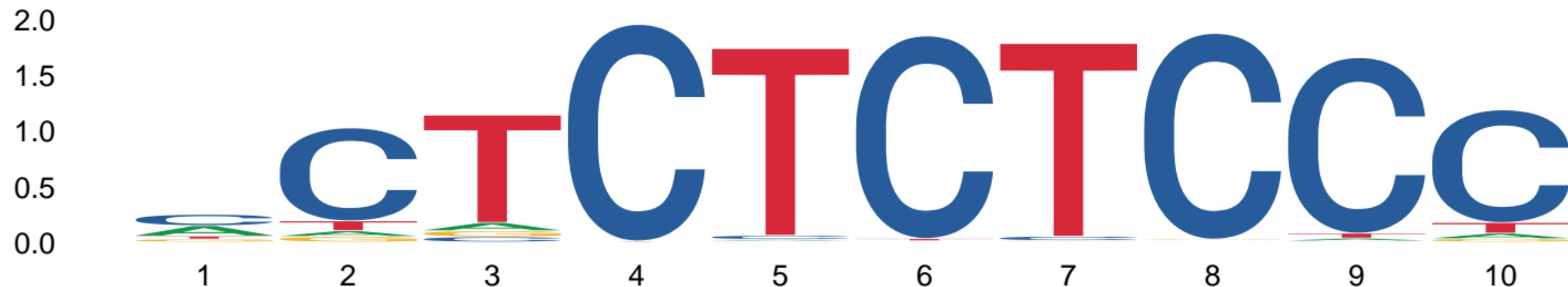
OG: zf-C2H2.HG4.3:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5

PFAM: zf_ZIC/zf-C2H2/zf-C2H2

archetype: ARCH497_M03679_2.00

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048729483.1

OG: zf-C2H2.HG4.4:like:ZIC1/ZIC2/ZIC3/ZIC4/ZIC5

PFAM: zf_ZIC/zf-C2H2/zf-C2H2

archetype: ARCH521_Zic2__Unknown-ESC-e...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048729604.1

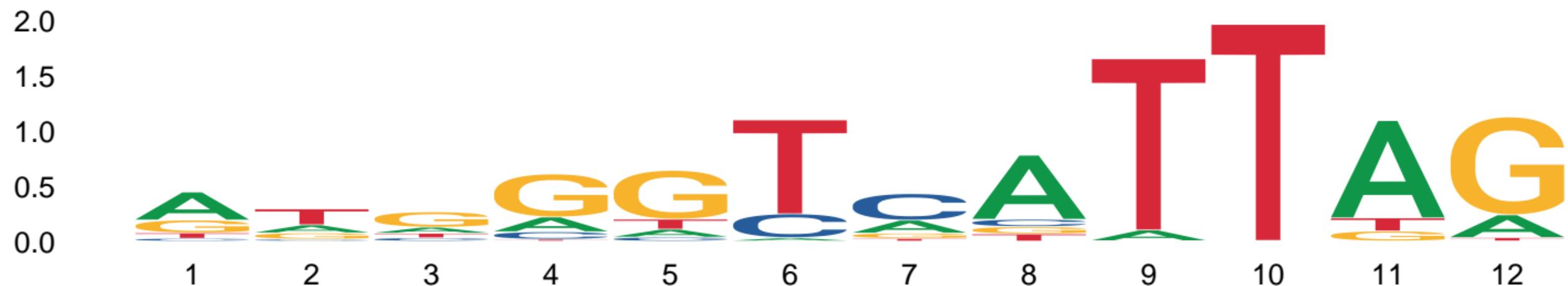
OG: Homeodomains.HG2.11:DUX4/DUXA/DUXB

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048729727.1

OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/T

PFAM: THAP

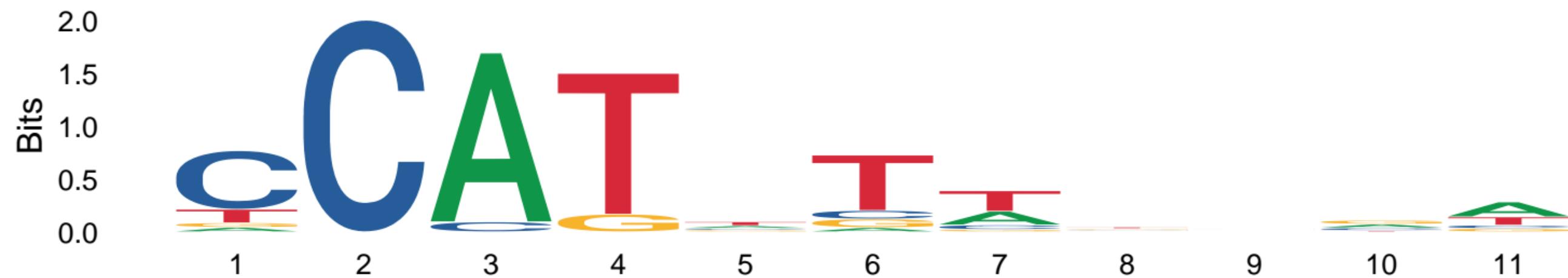
archetype: ARCH1246_THAP1

archetype family: THAP_finger

assignment: archetype



Nvec_vc1.1_XM_048729815.1
OG: zf-C2H2.HG3.36:YY1/YY2/ZFP42
PFAM: zf-C2H2/zf-C2H2/zf-C2H2
archetype: ARCH1311_Yy1
archetype family: zf-C2H2
assignment: archetype



Nvec_vc1.1_XM_048730021.1

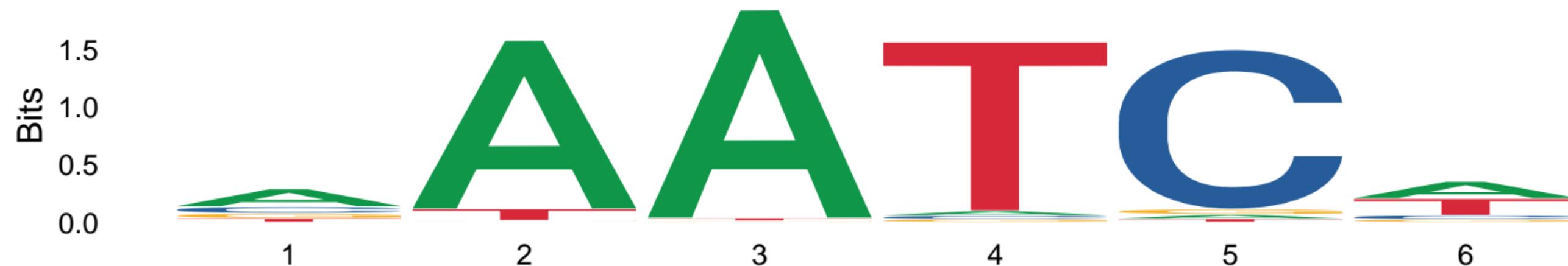
OG: zf-C2H2.HG2.4:MTF1/ZNF76/ZNF143

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1200_Zfp760/Zfp770

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048730025.1

OG: THAP_finger.HG1.0:AC073612.1/THAP1/THAP2/THAP3/THAP4/THAP5/THAP6/T

PFAM: THAP

archetype: ARCH1246_THAP1

archetype family: THAP_finger

assignment: archetype



Nvec_vc1.1_XM_048730161.1 (Cnido-Fos1)

OG: bZIP.HG1.9:like:ATF3/ATF4/ATF5/FOS/FOSB/FOSL1/FOSL2/JDP2

PFAM: bZIP_1

archetype: M04272_2.00

archetype family: bZIP

assignment: orthology



Nvec_vc1.1_XM_048730169.1

OG: Myb.HG1.11:MIS18BP1

PFAM: SANTA/Myb_DNA-binding

archetype: ARCH1391_MYB113

archetype family: Myb

assignment: archetype

2.0
1.5
1.0
0.5
0.0

Bits



Nvec_vc1.1_XM_048730283.1

OG: bZIP.HG1.17:ATF3/JDP2

PFAM: bZIP_1

archetype: ARCH947_Creb3I2/Creb3I1

archetype family: bZIP

assignment: archetype

2.0
1.5
1.0
0.5
0.0

Bits



1 2 3 4 5 6 7 8 9 10 11 12 13

Nvec_vc1.1_XM_048731064.1

OG: zf-C2H2.HG87.0:NA

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH470_Snai2

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048731081.1

OG: Myb.HG1.21:like:MIER1/MIER2/MIER3/MTA1/MTA3

PFAM: Myb_DNA-binding

archetype: ARCH1387_MYB105

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_048731137.1 (LMX)

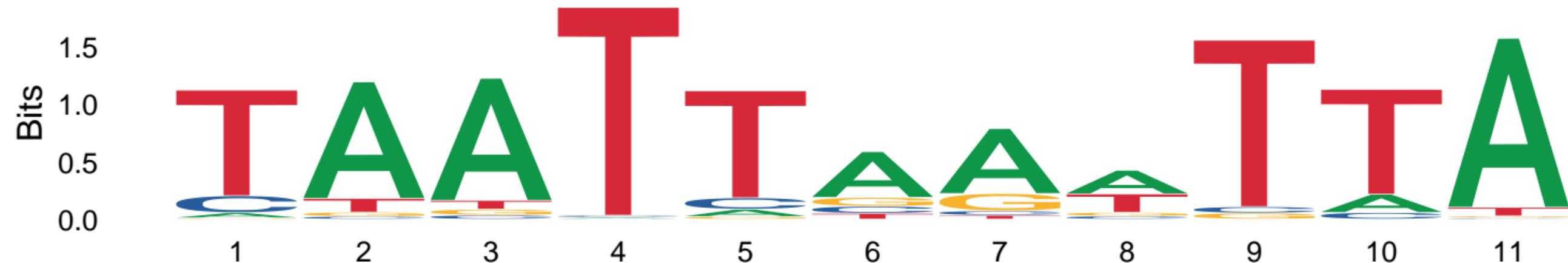
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX4/LHX5/LMX1A/LMX1B

PFAM: LIM/LIM/Homeodomain

archetype: ARCH233_Alx3/Alx4/Alx1_Barx...

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048731196.1

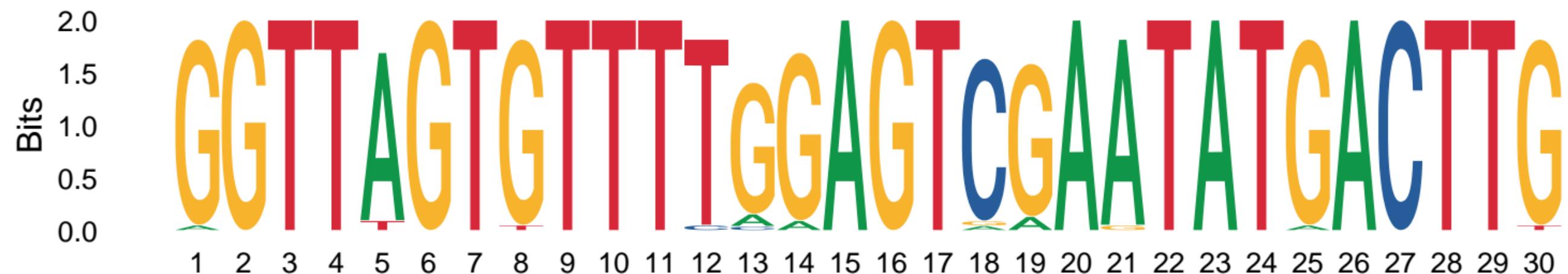
OG: HMGbox_Sox.HG1.4:like:HBP1

PFAM: HLH/HMG_box/zf-CW

archetype: ARCH1318_M07267_2.00

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_048731339.1

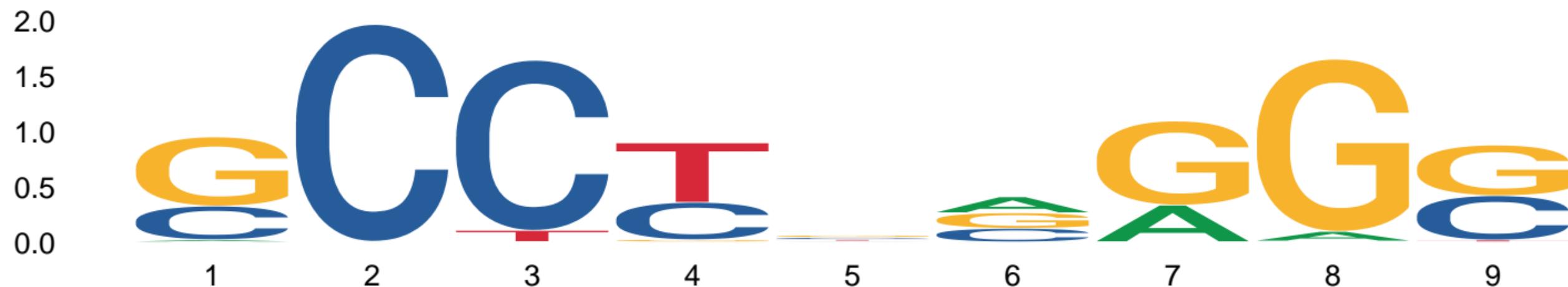
OG: AP-2.HG1.3:like:TFAP2A/TFAP2B/TFAP2C/TFAP2D/TFAP2E

PFAM: TF_AP-2

archetype: ARCH387_TFAP2E

archetype family: AP2

assignment: archetype



Nvec_vc1.1_XM_048731616.1

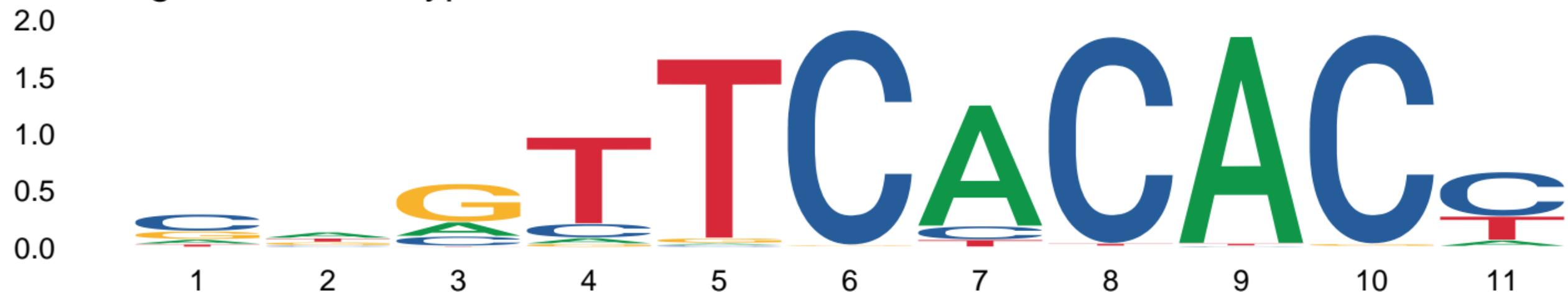
OG: zf-C2H2.HG17.1:HIC2

PFAM: zf-C2H2/zf-C2H2_11/zf-C2H2

archetype: ARCH836_M08316_2.00__M08901...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048731647.1

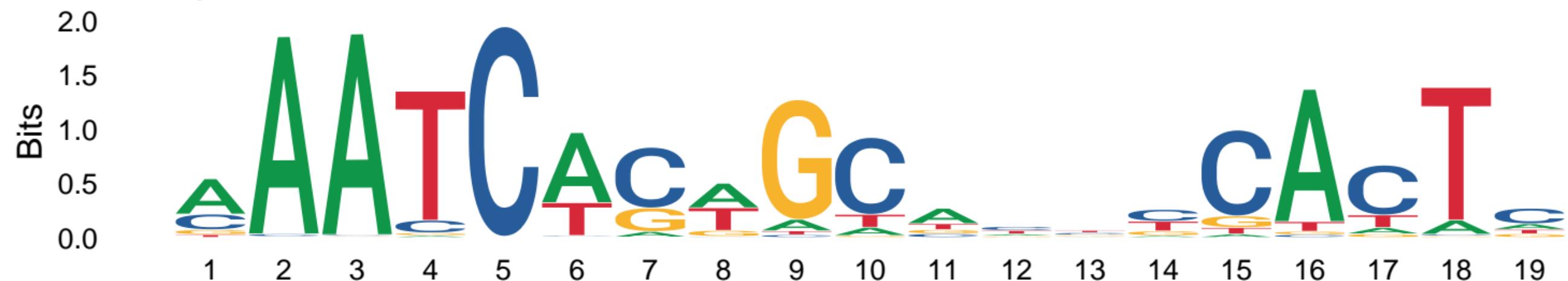
OG: zf-C2H2.HG36.2:ZNF425

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2_6

archetype: ARCH1345_Gfi1b/Gfi1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048731755.1

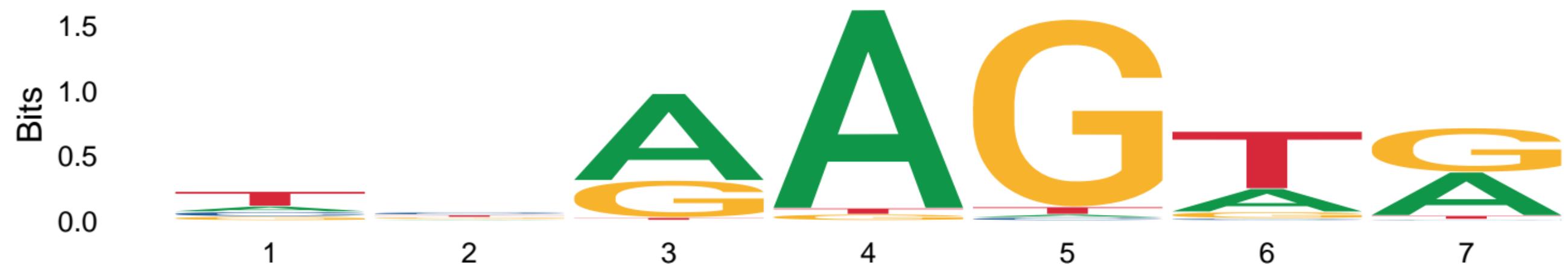
OG: Homeodomains.HG1.5:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/B

PFAM: Homeodomain

archetype: ARCH167_Nanog

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048731858.1

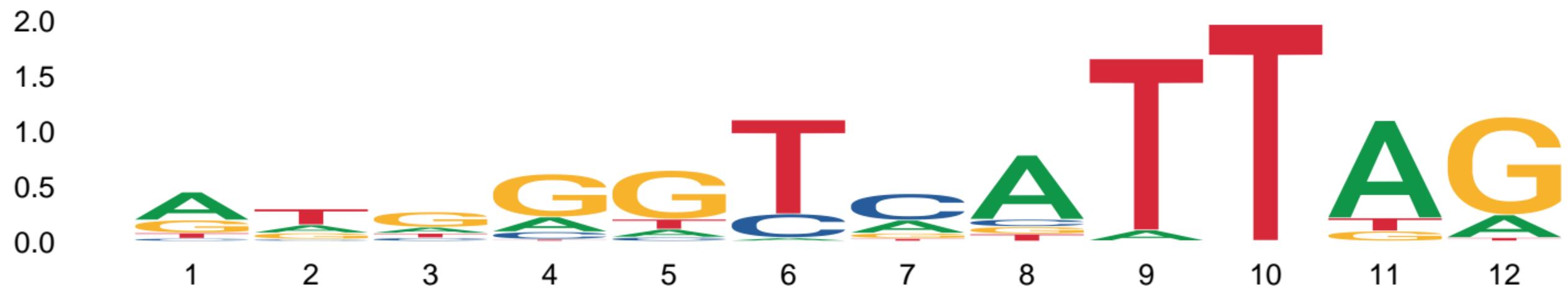
OG: Homeodomains.HG2.20:LHX1/LHX3/LHX4/LHX5/LMX1A/LMX1B

PFAM: LIM/LIM/Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048731942.1

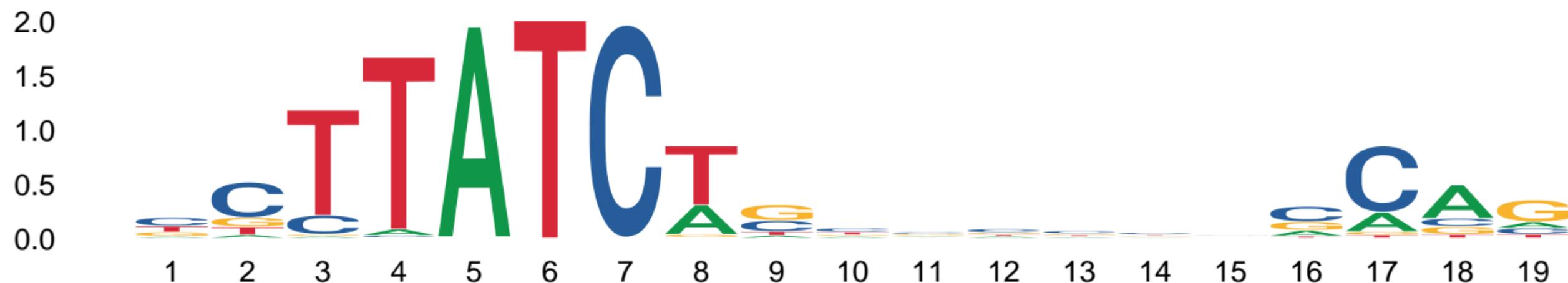
OG: HLH.HG1.87:LYL1/NHLH1/NHLH2/TAL1/TAL2

PFAM: HLH

archetype: M08734_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_048731950.1

OG: HMGbox_Sox.HG1.39:HMGXBX4

PFAM: HMG_box

archetype: ARCH1159_/Lef1/Tcf7l1/Tcf7

archetype family: HMGbox_Sox

assignment: archetype



Nvec_vc1.1_XM_048732398.1

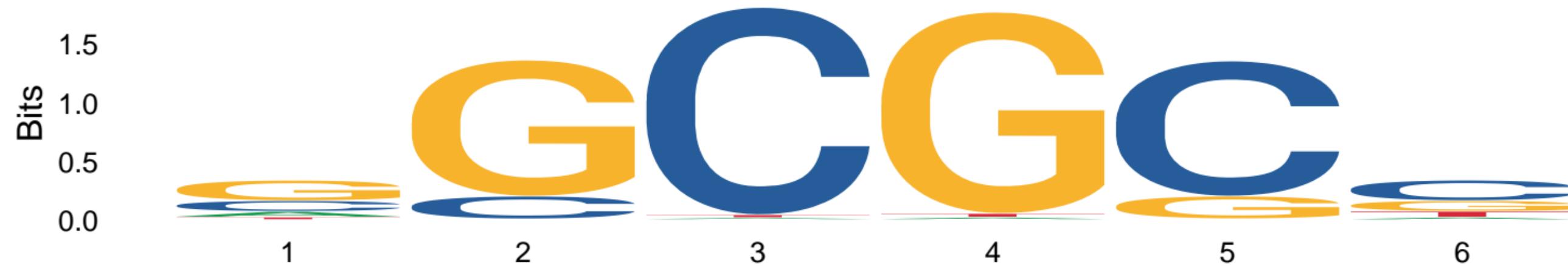
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6

PFAM: E2F_TDP

archetype: ARCH394_/E2f4_E2f6_E2f8/E2f7

archetype family: E2F_TDP

assignment: archetype



Nvec_vc1.1_XM_048732532.1

OG: Ets.HG1.8:ETS1/ETS2

PFAM: Ets

archetype: Ets2/Ets1/Etv2_241030_streme

archetype family: Ets

assignment: dapseq



Nvec_vc1.1_XM_048732776.1
OG: HMGbox_Sox.HG1.22:MAEL
PFAM: HMG_box_2/Maelstrom
archetype: M11336_2.00
archetype family: HMGbox_Sox
assignment: orthology



Nvec_vc1.1_XM_048733302.1

OG: HLH.HG1.33:MITF/TFE3/TFEB/TFEC

PFAM: MITF_TFEB_C_3_N/HLH

archetype: M06003_2.00

archetype family: HLH

assignment: orthology



Nvec_vc1.1_XM_048733498.1

OG: Myb.HG3.0:like:HSPA14/MSANTD1/MSANTD2/UTF1/ZKSCAN2/ZSCAN20/ZSCAN21

PFAM: Myb_DNA-bind_4/Myb_DNA-bind_4/Myb_DNA-bind_4/Myb_DNA-bind_4

archetype: ARCH153_Msantd2_Rcor1/Rcor2...

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_048733519.1

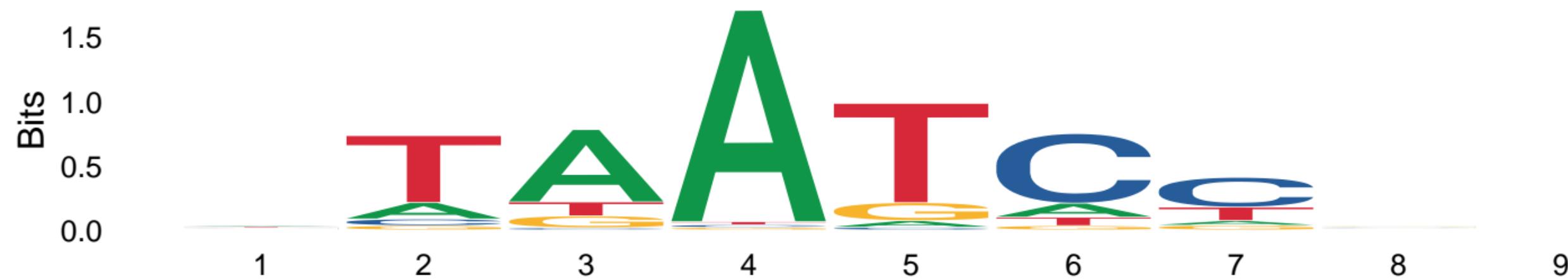
OG: Homeodomains.HG2.73:like:DMBX1

PFAM: Homeodomain

archetype: M00490_2.00

archetype family: Homeodomains

assignment: orthology



Nvec_vc1.1_XM_048733551.1

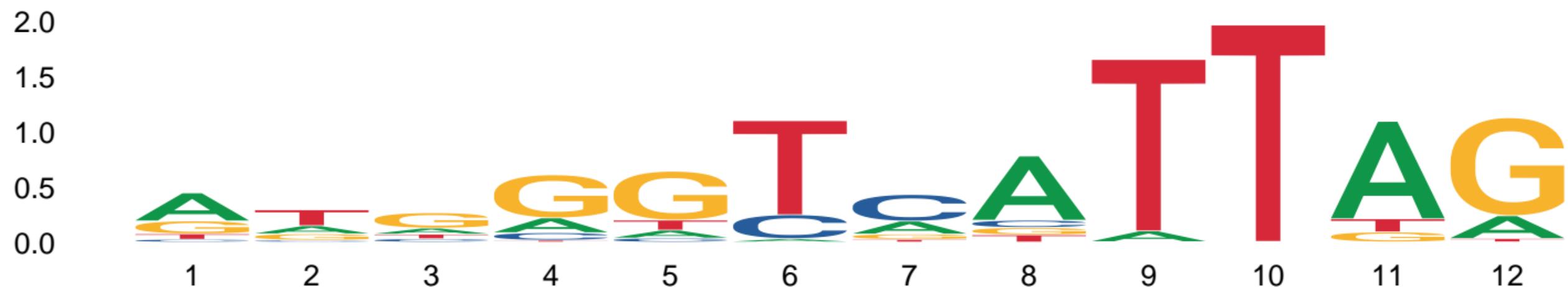
OG: Homeodomains.HG1.5:like:AC004080.3/AC012531.3/BARHL1/BARHL2/BARX1/B

PFAM: Homeodomain

archetype: ARCH273_HOXD3

archetype family: Homeodomains

assignment: archetype



Nvec_vc1.1_XM_048733581.1

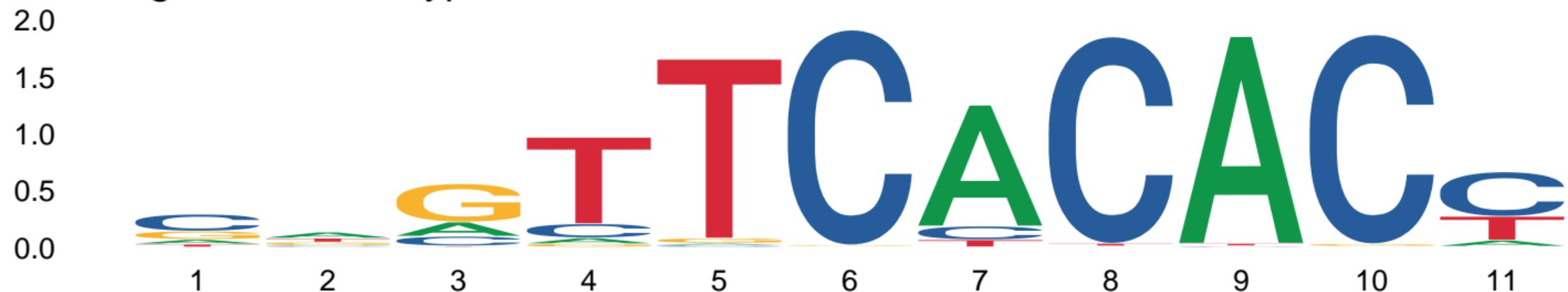
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH836_M08316_2.00__M08901...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048733733.1

OG: Myb.HG4.3:like:FSBP/MSANTD3/MSANTD4/MYPOP/NAIF1/TSNARE1

PFAM: Myb_DNA-bind_5

archetype: ARCH1387_MYB105

archetype family: Myb

assignment: archetype



Nvec_vc1.1_XM_048734004.1

OG: zf-C2H2.HG99.0:NA

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH667_RBPJ_ZNF416

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048734435.1

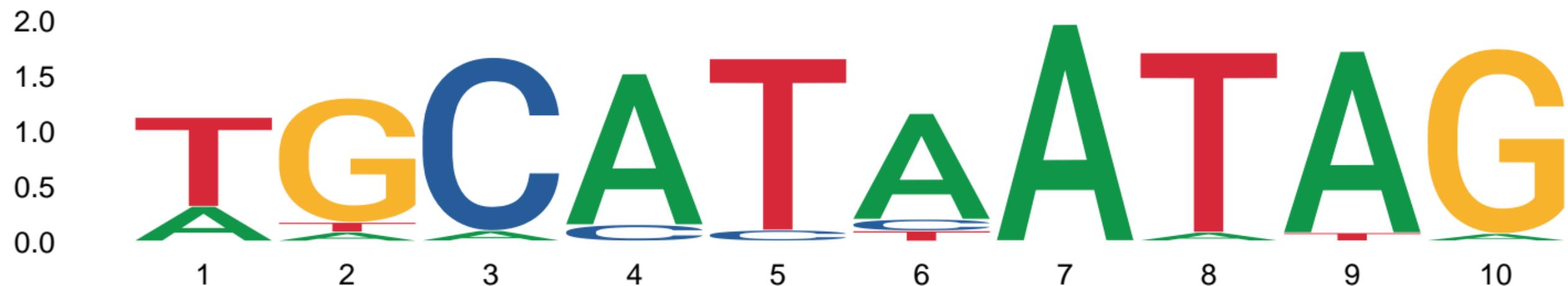
OG: E2F_TDP.HG1.4:E2F1/E2F2/E2F3/E2F6

PFAM: E2F_TDP/E2F_CC-MB

archetype: ARCH1058_Pdp1

archetype family: E2F_TDP

assignment: archetype



Nvec_vc1.1_XM_048734482.1

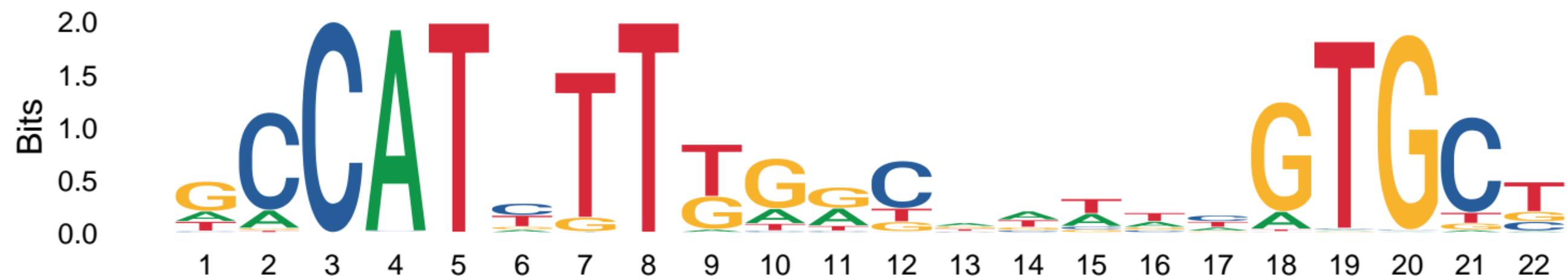
OG: zf-C2H2.HG1.142:like:AC008758.1/AC008770.2/AC010422.6/AC073111.4/AC138

PFAM: zf-C2H2/zf-C2H2_6/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1255_Yy1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048734570.1

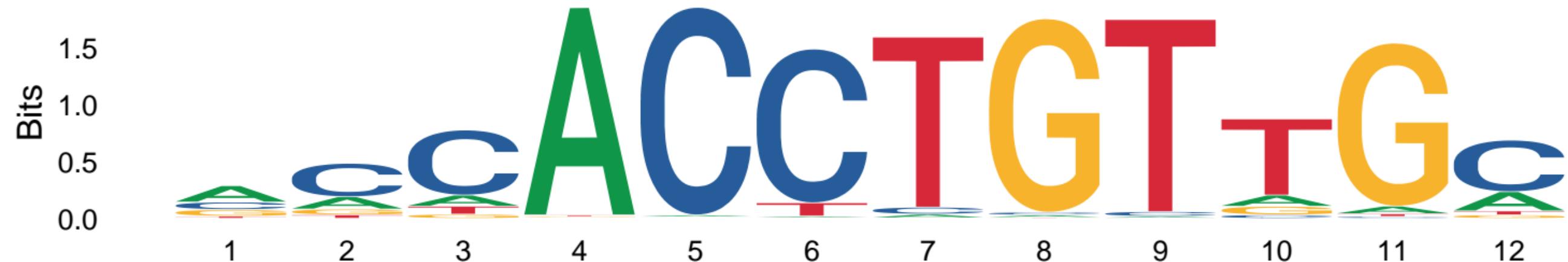
OG: zf-C2H2.HG1.35:FEZF1/FEZF2/GFI1/GFI1B

PFAM: zf-C2H2_6/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH861_Scrt2/Scrt1

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048734588.1

OG: zf-C2H2.HG99.0:NA

PFAM: zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH1274_ZNF528

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048734590.1

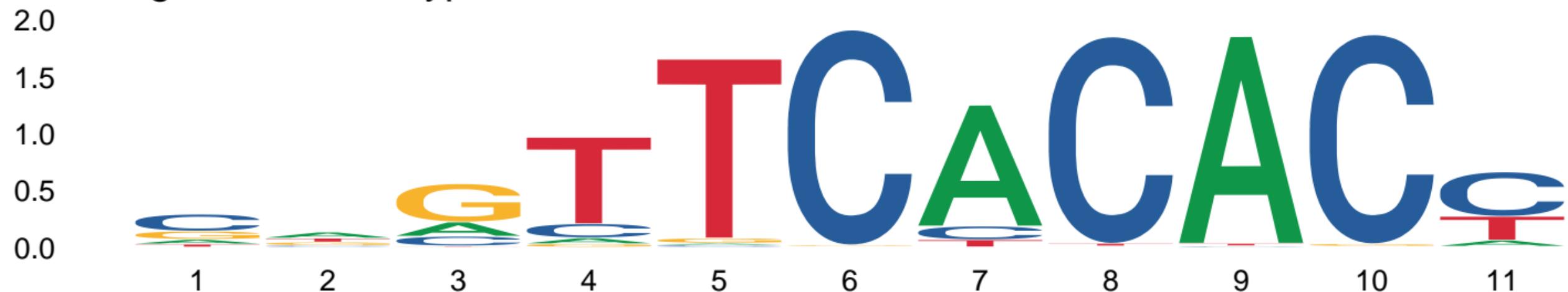
OG: zf-C2H2.HG99.1:NA

PFAM: zf-C2H2/zf-C2H2/NSF/zf-C2H2/zf-C2H2/NSF/zf-C2H2_11/NSF/zf-C2H2_11/

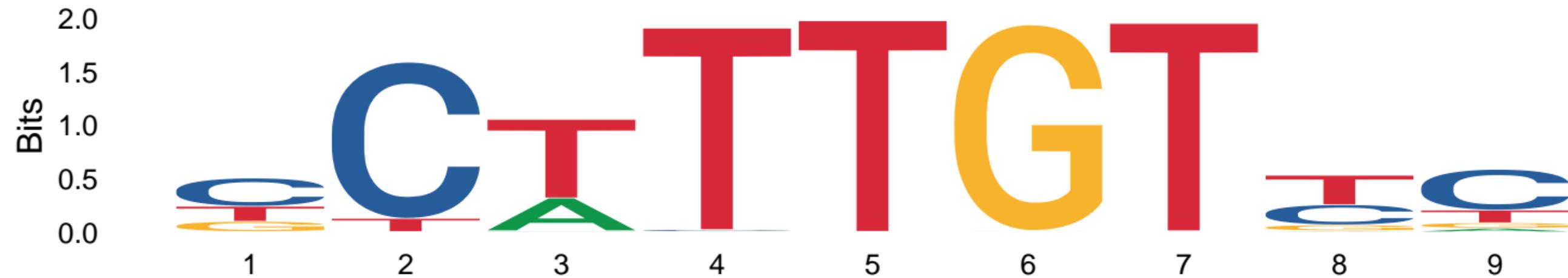
archetype: ARCH836_M08316_2.00__M08901...

archetype family: zf-C2H2

assignment: archetype



Nvec_vc1.1_XM_048734675.1
OG: HMGbox_Sox.HG1.62:like:NSD2
PFAM: HMG_box
archetype: ARCH1164_/Sox4/Sox11_Sox13/...
archetype family: HMGbox_Sox
assignment: archetype



Nvec_vc1.1_XM_048734691.1

OG: zf-C2H2.HG70.1:NA

PFAM: zf-C2H2/zf-met/zf-C2H2/zf-C2H2/zf-C2H2/zf-C2H2

archetype: ARCH836_M08316_2.00__M08901...

archetype family: zf-C2H2

assignment: archetype

