Tomtom

Motif Comparison Tool

For further information on how to interpret these results or to get a copy of the MEME software please access http://meme.nbcr.net.

If you use TOMTOM in your research, please cite the following paper:
Shobhit Gupta, JA Stamatoyannopolous, Timothy Bailey and William Stafford Noble, "Quantifying similarity between motifs", *Genome Biology*, **8**(2):R24, 2007. [full text]

QUERY MOTIFS | TARGET DATABASES | MATCHES | SETTINGS | PROGRAM INFORMATION

QUERY MOTIFS

Next Top

Database	Name	Alt. Name	Preview	Matches	
motif group5	motif_10_2	1-NNKCAGTCGN		3	UP00243 UP00247
motif group5	motif_Train1_2	1-NNKCAGTYDN		5	MA0100. UP00092
motif group5	motif_Train2_2	1-DTCAGTCG		4	UP00081 UP00092
motif group5	motif_Train3_22	23-GACGCAGCAG		16	MA0591. MA0501.
motif group5	motif_Train4_25	16-CACGTG		44	MA0409. MA0004.
motif group5	motif_Train5_23	22-AATRAGCAAAAC		11	MA0326. MA0010.
motif group5	motif_Train6_2	1-NRTCAGTCGH		3	UP00080 UP00080
motif group5	motif_Train7_2	1-TCAGTCVB		2	UP00081 UP00092
motif group5	motif_Train8_1	1-NNKCAGTYGN		1	MA0127.

motif group5	motif_Train9_2	1-KTCAGTCG		0

Target Databases

Previous Next Top

Database	Used	Matched
uniprobe mouse	386	20
JASPAR CORE 2014	593	63

Matches to motif_Train5_23 (22-AATRAGCAAAAC)

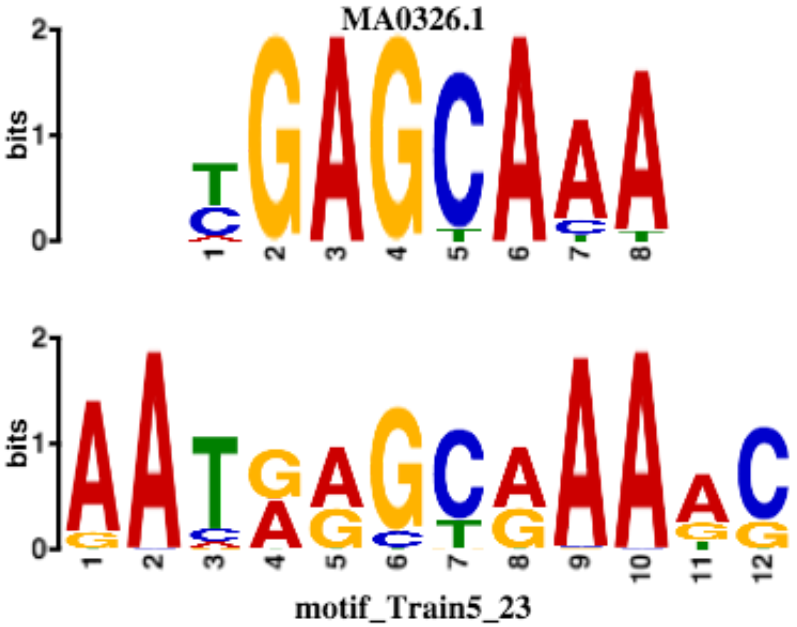
Previous Next Top

Summary

Name	MA0326.1 (MAC1)
Database	JASPAR CORE 2014
***p*-value**	1.19e-04
***E*-value**	1.17e-01
***q*-value**	1.61e-01
Overlap	8
Offset	-2
Orientation	Reverse Complement

Show logo download options

Alignment

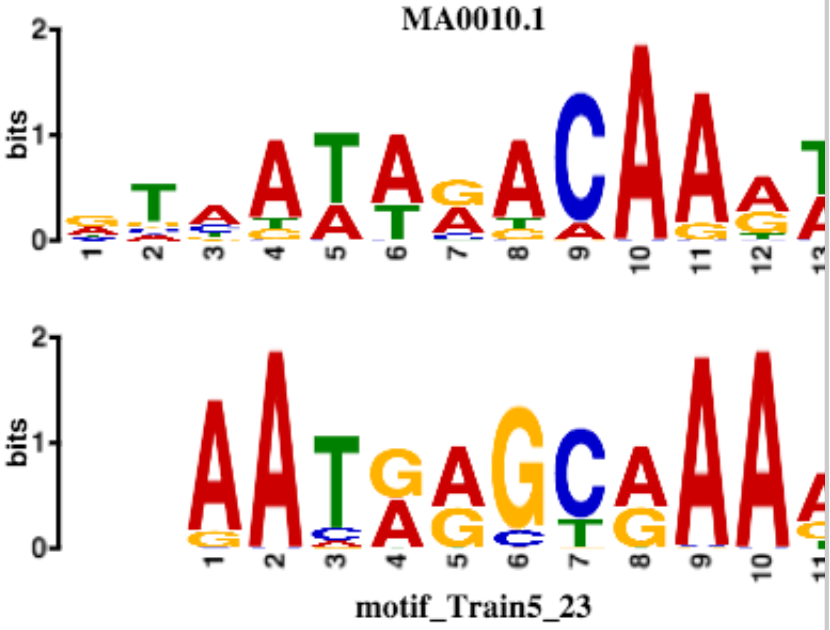


Summary

Name	MA0010.1 (br_Z1)
Database	JASPAR CORE 2014
***p*-value**	1.64e-04
***E*-value**	1.61e-01
***q*-value**	1.61e-01
Overlap	12
Offset	2
Orientation	Normal

Show logo download options

Alignment

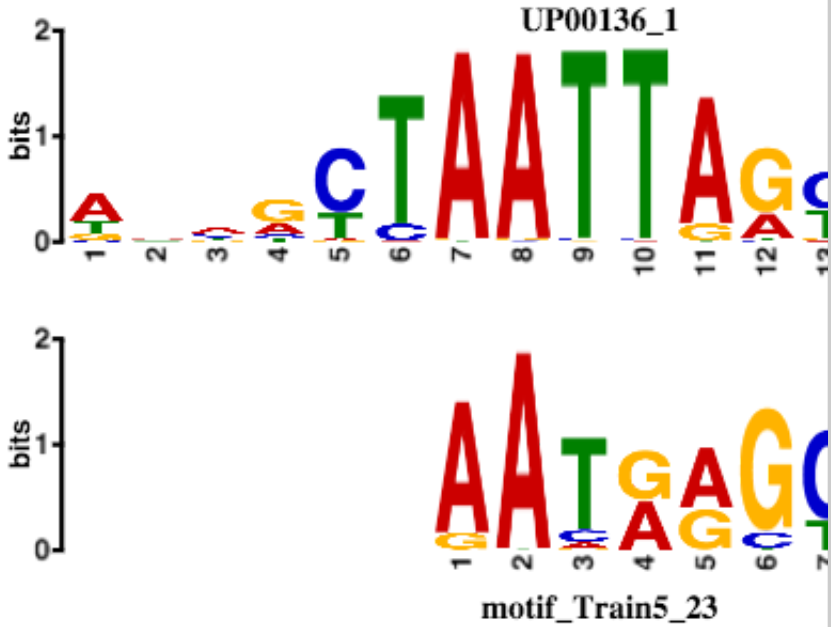


Summary

Name	UP00136_1 (Prrx2_3072.1)
Database	uniprobe mouse
***p*-value**	2.09e-03
***E*-value**	2.04e+00
***q*-value**	1.00e+00
Overlap	11
Offset	6
Orientation	Normal

Show logo download options

Alignment

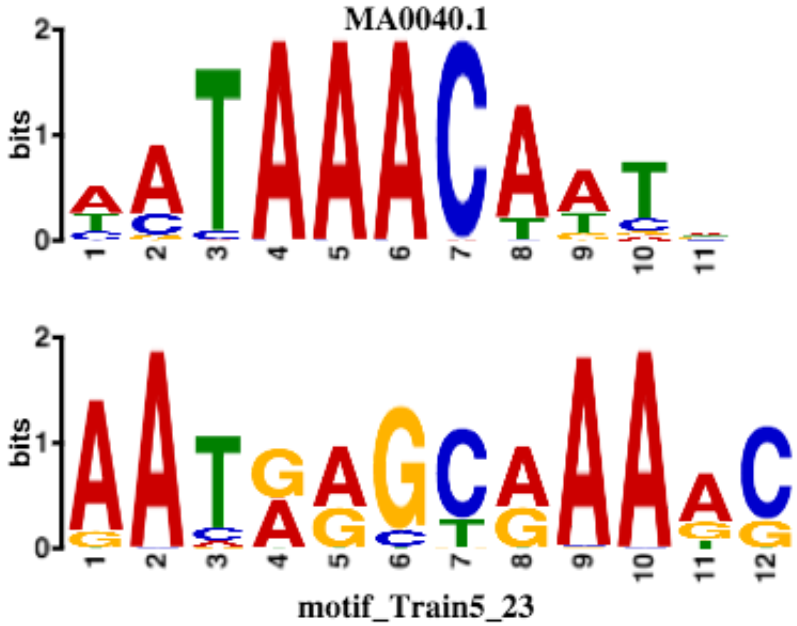


Summary

Name	MA0040.1 (Foxq1)
Database	JASPAR CORE 2014
***p*-value**	3.55e-03
***E*-value**	3.48e+00
***q*-value**	1.00e+00
Overlap	11
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment

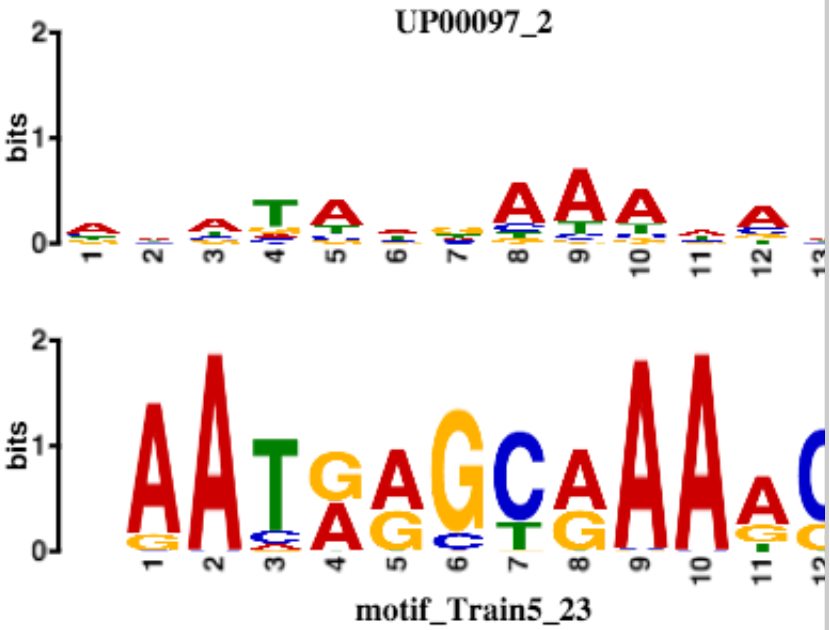


Summary

Name	UP00097_2 (Mtf1_secondary)
Database	uniprobe mouse
***p*-value**	4.68e-03
***E*-value**	4.58e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Normal

Alignment

Show logo download options

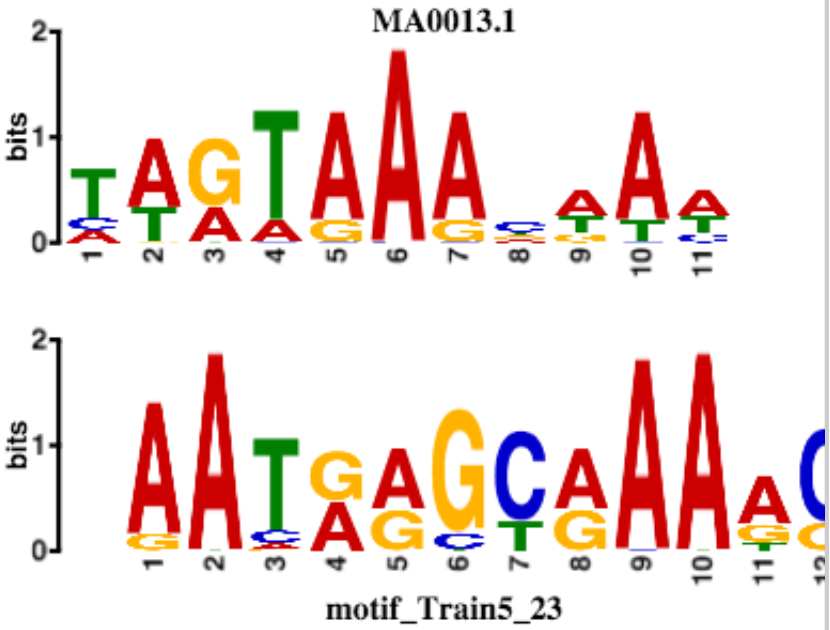


Summary

Name	MA0013.1 (br_Z4)
Database	JASPAR CORE 2014
***p*-value**	5.29e-03
***E*-value**	5.18e+00
***q*-value**	1.00e+00
Overlap	10
Offset	1
Orientation	Normal

Show logo download options

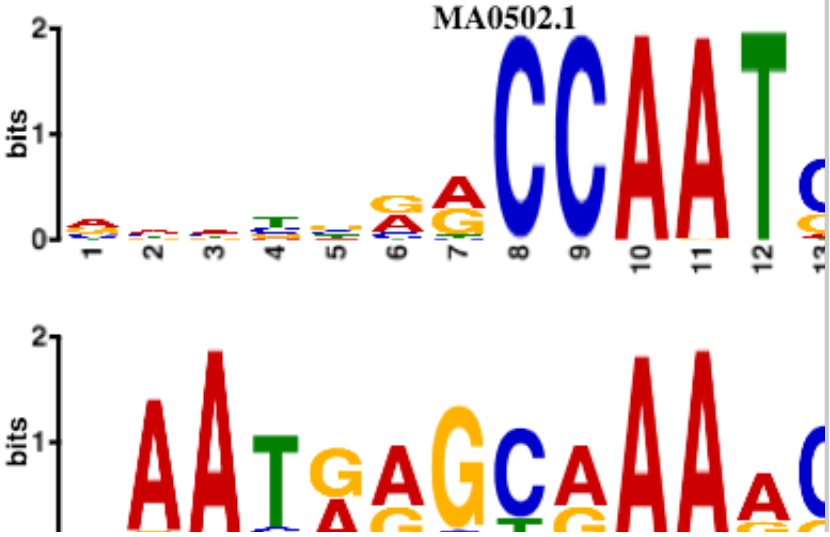
Alignment



Summary

Name	MA0502.1 (NFYB)
Database	JASPAR CORE 2014
***p*-value**	6.27e-03
***E*-value**	6.13e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Normal

Alignment



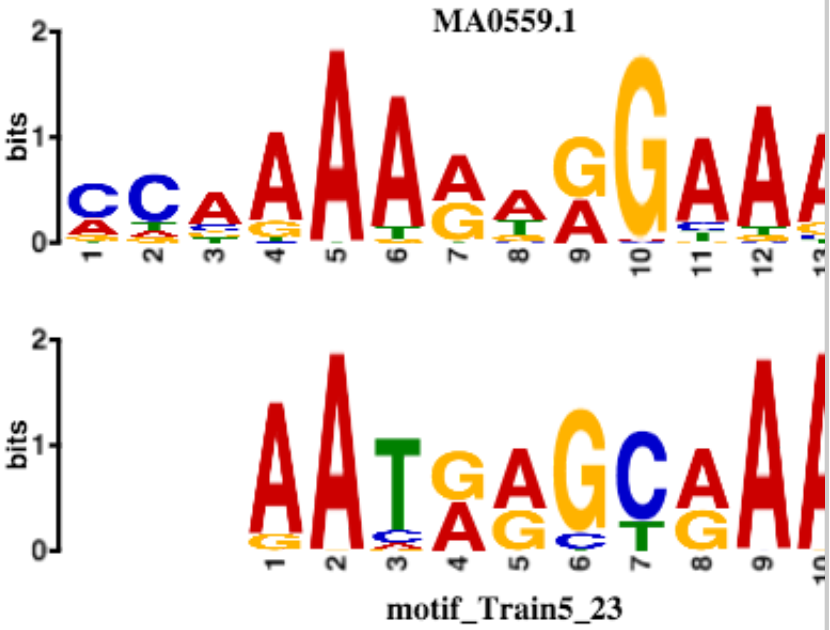
Show logo download options

Summary

Name	MA0559.1 (PI)
Database	JASPAR CORE 2014
***p*-value**	6.41e-03
***E*-value**	6.28e+00
***q*-value**	1.00e+00
Overlap	11
Offset	3
Orientation	Normal

Show logo download options

Alignment

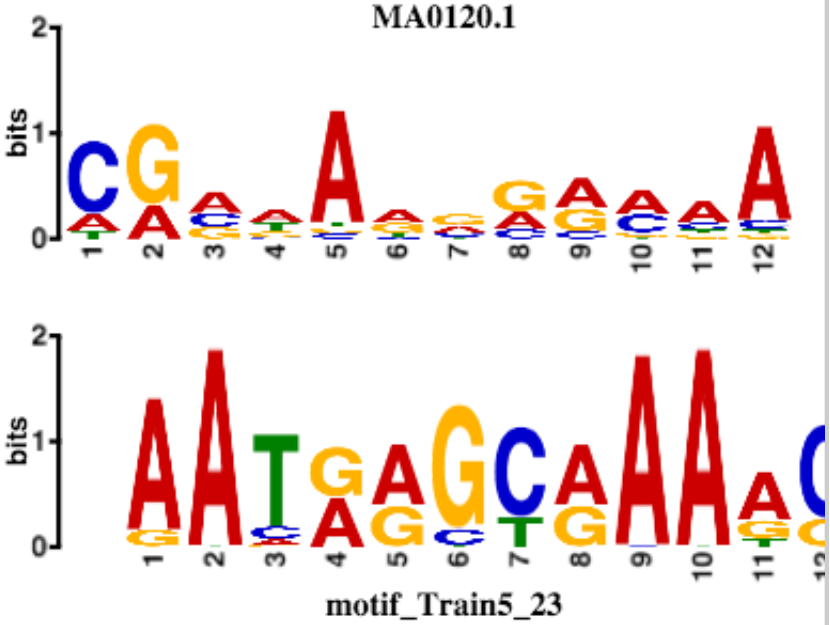


Summary

Name	MA0120.1 (id1)
Database	JASPAR CORE 2014
***p*-value**	7.20e-03
***E*-value**	7.05e+00
***q*-value**	1.00e+00
Overlap	11
Offset	1
Orientation	Reverse Complement

Show logo download options

Alignment

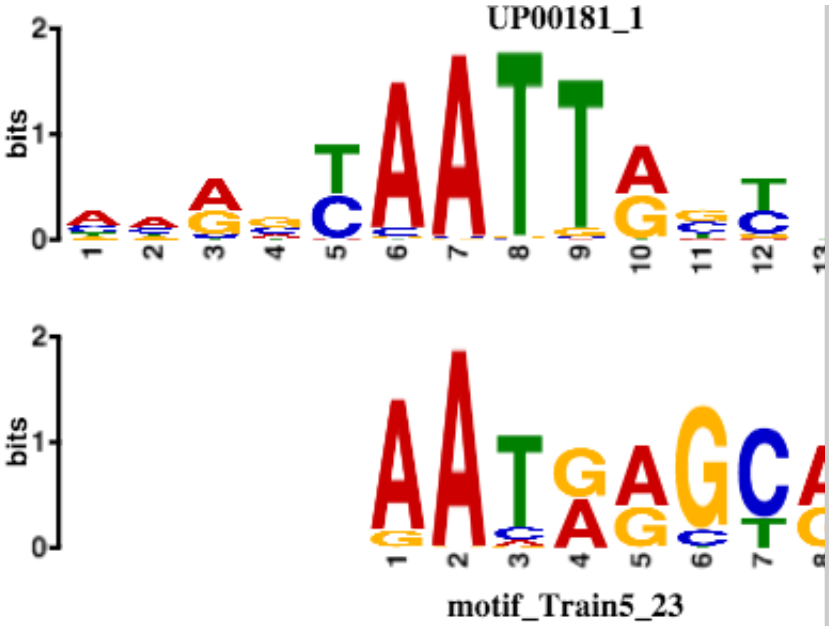


Summary

Alignment

Name	UP00181_1 (Barx1_2877.1)
Database	uniprobe mouse
***p*-value**	7.55e-03
***E*-value**	7.39e+00
***q*-value**	1.00e+00
Overlap	11
Offset	5
Orientation	Normal

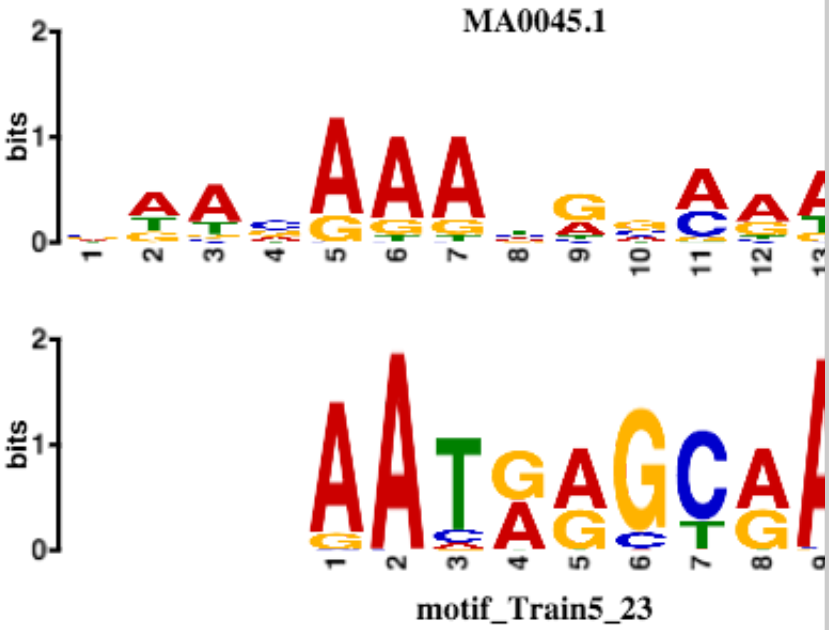
Show logo download options



Summary **Alignment**

Name	MA0045.1 (HMG-I/Y)
Database	JASPAR CORE 2014
***p*-value**	8.54e-03
***E*-value**	8.36e+00
***q*-value**	1.00e+00
Overlap	12
Offset	4
Orientation	Normal

Show logo download options



MATCHES TO MOTIF_TRAIN6_2 (1-NRTCAGTCGH)

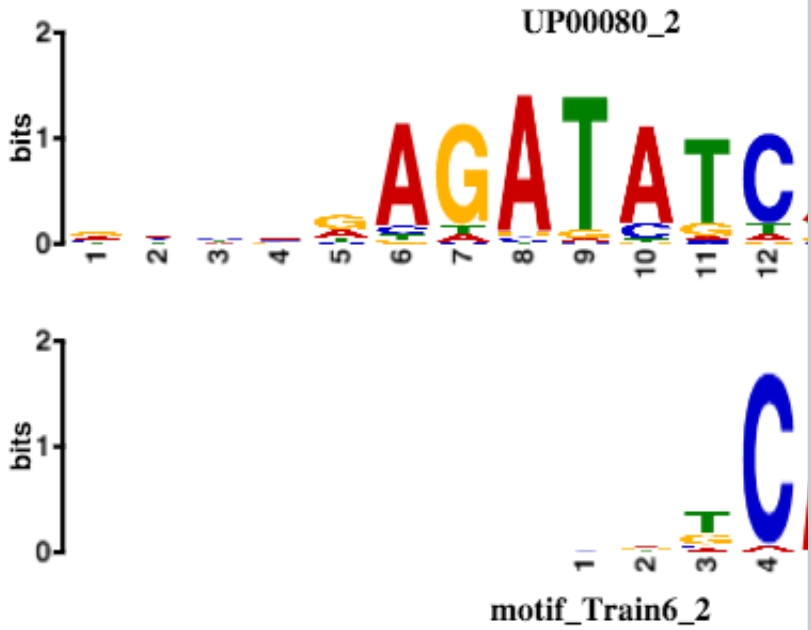
Previous Next Top

Summary **Alignment**

Name	UP00080_2 (Gata5_secondary)
Database	uniprobe mouse

***p*-value**	1.57e-03
***E*-value**	1.54e+00
***q*-value**	1.00e+00
Overlap	9
Offset	8
Orientation	Normal

Show logo download options

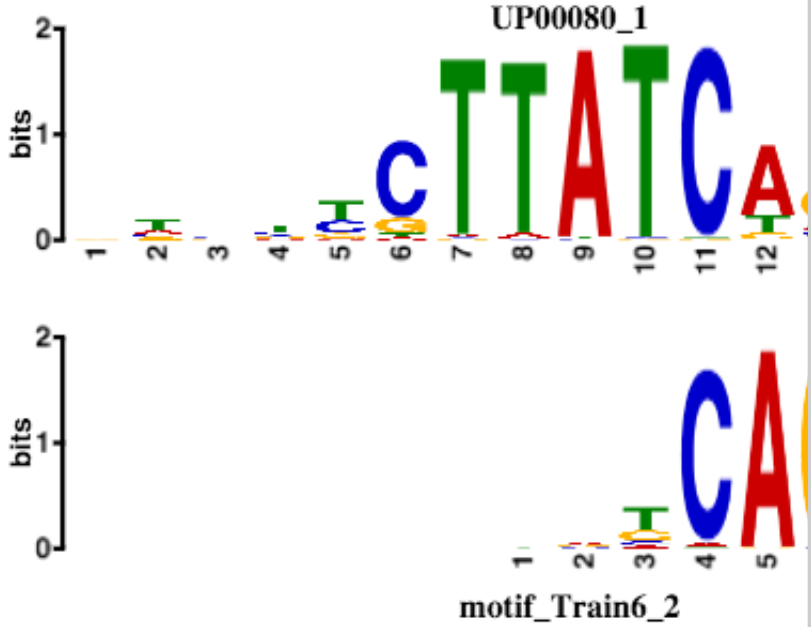


Summary

Name	UP00080_1 (Gata5_primary)
Database	uniprobe mouse
***p*-value**	6.36e-03
***E*-value**	6.23e+00
***q*-value**	1.00e+00
Overlap	10
Offset	7
Orientation	Reverse Complement

Show logo download options

Alignment

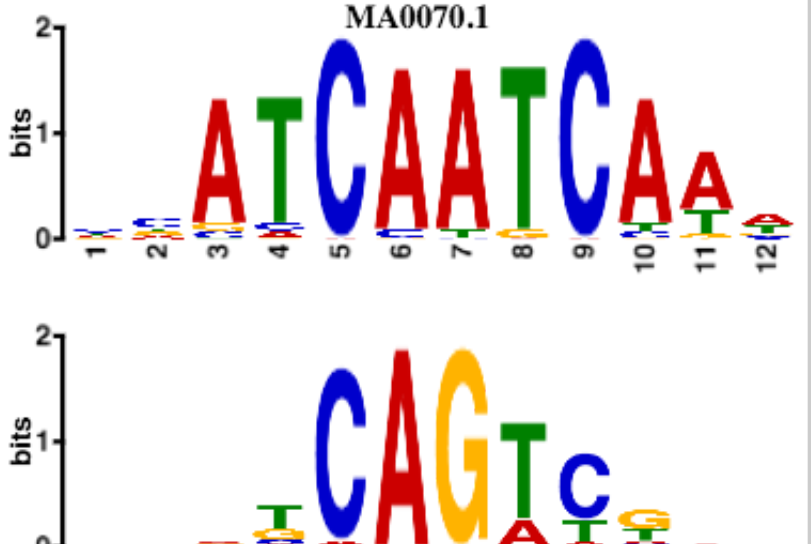


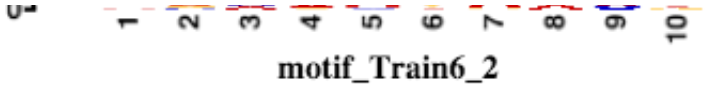
Summary

Name	MA0070.1 (PBX1)
Database	JASPAR CORE 2014
***p*-value**	1.02e-02
***E*-value**	9.97e+00
***q*-value**	1.00e+00
Overlap	10
Offset	1
Orientation	Normal

Show logo download options

Alignment





MATCHES TO MOTIF_TRAIN1_2 (1-NNKCAGTYDN)

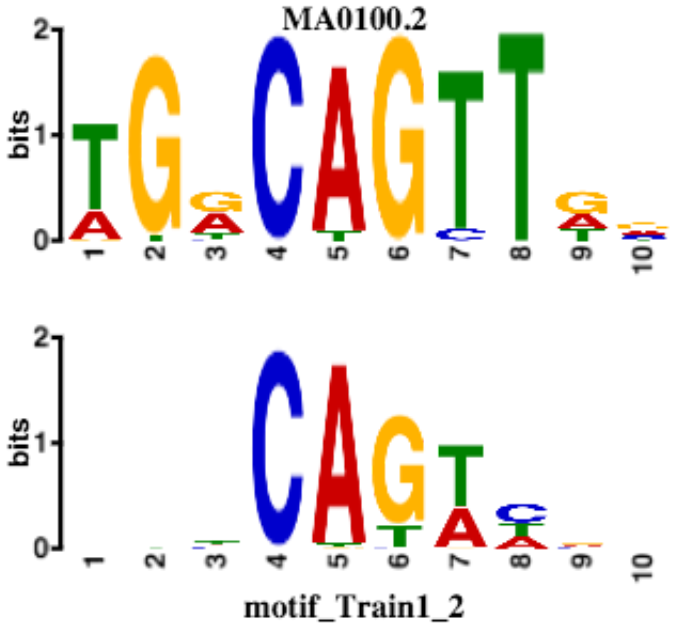
Previous Next Top

Summary

Name	MA0100.2 (Myb)
Database	JASPAR CORE 2014
***p*-value**	3.31e-04
***E*-value**	3.24e-01
***q*-value**	3.47e-01
Overlap	10
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment

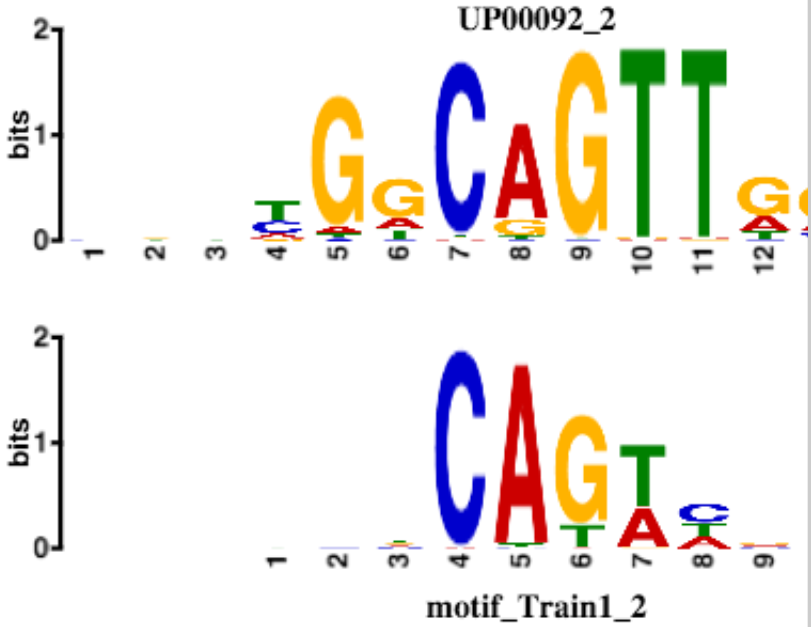


Summary

Name	UP00092_2 (Myb_secondary)
Database	uniprobe mouse
***p*-value**	3.54e-04
***E*-value**	3.47e-01
***q*-value**	3.47e-01
Overlap	10
Offset	3
Orientation	Reverse Complement

Show logo download options

Alignment



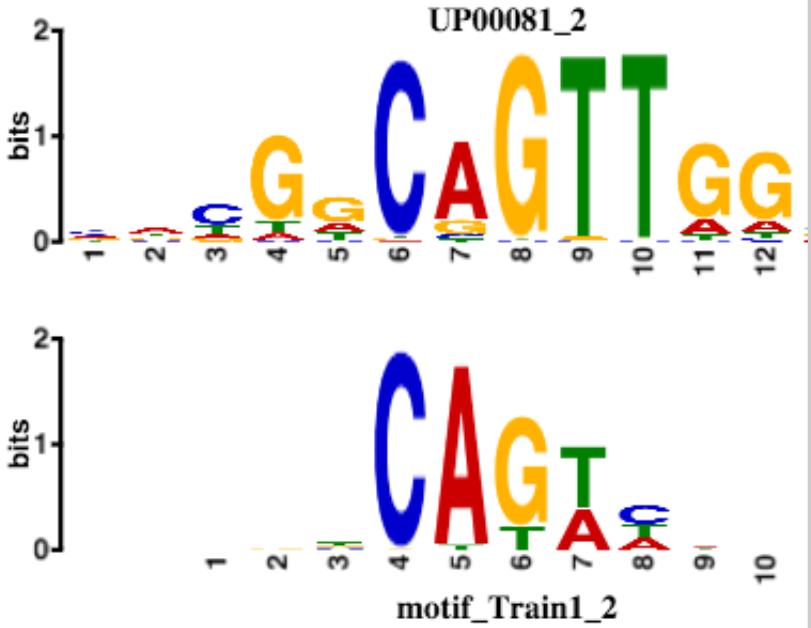
Summary

Name	UP00081_2 (Mybl1_secondary)
Database	uniprobe mouse
***p*-value**	1.33e-03

Alignment

***E*-value**	1.30e+00
***q*-value**	6.82e-01
Overlap	10
Offset	2
Orientation	Reverse Complement

Show logo download options

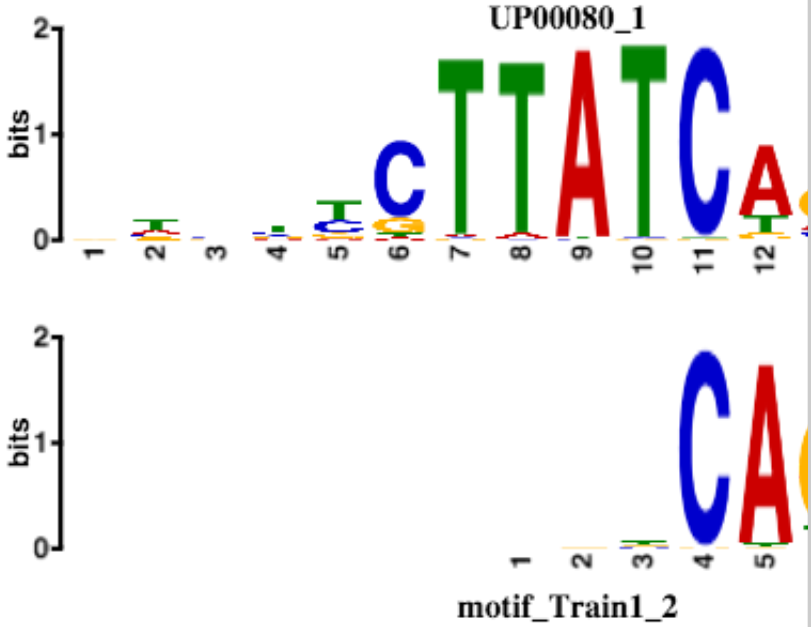


Summary

Name	UP00080_1 (Gata5_primary)
Database	uniprobe mouse
***p*-value**	1.39e-03
***E*-value**	1.36e+00
***q*-value**	6.82e-01
Overlap	10
Offset	7
Orientation	Reverse Complement

Show logo download options

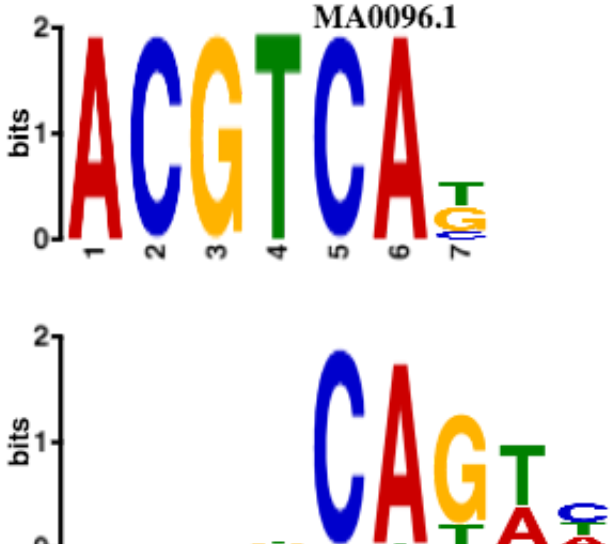
Alignment



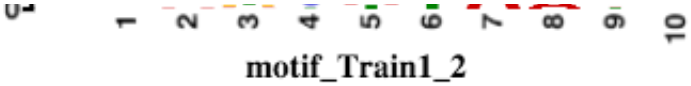
Summary

Name	MA0096.1 (bZIP910)
Database	JASPAR CORE 2014
***p*-value**	1.01e-02
***E*-value**	9.88e+00
***q*-value**	1.00e+00
Overlap	6
Offset	1
Orientation	Reverse Complement

Alignment



Show logo download options



MATCHES TO MOTIF_TRAIN2_2 (1-DTCAGTCG)

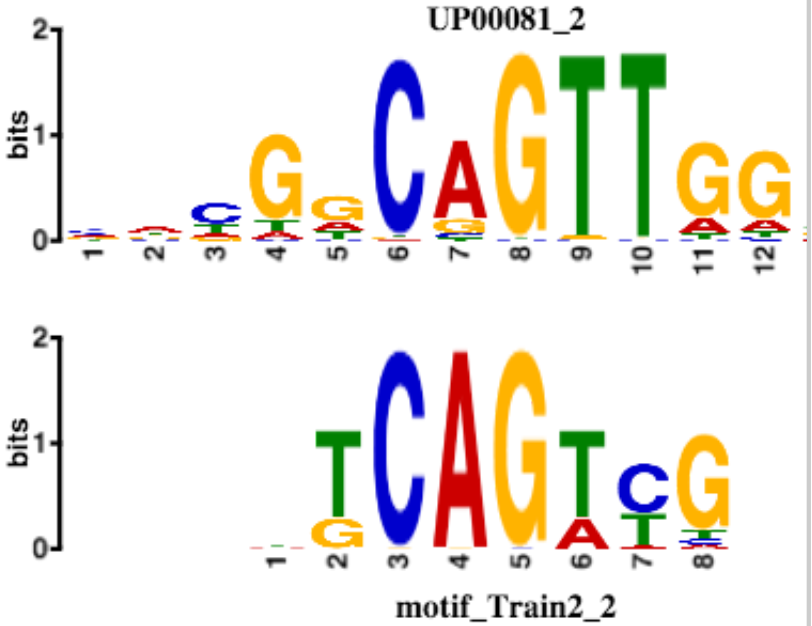
Previous Next Top

Summary

Name	UP00081_2 (Mybl1_secondary)
Database	uniprobe mouse
***p*-value**	1.04e-03
***E*-value**	1.01e+00
***q*-value**	1.00e+00
Overlap	8
Offset	3
Orientation	Reverse Complement

Show logo download options

Alignment

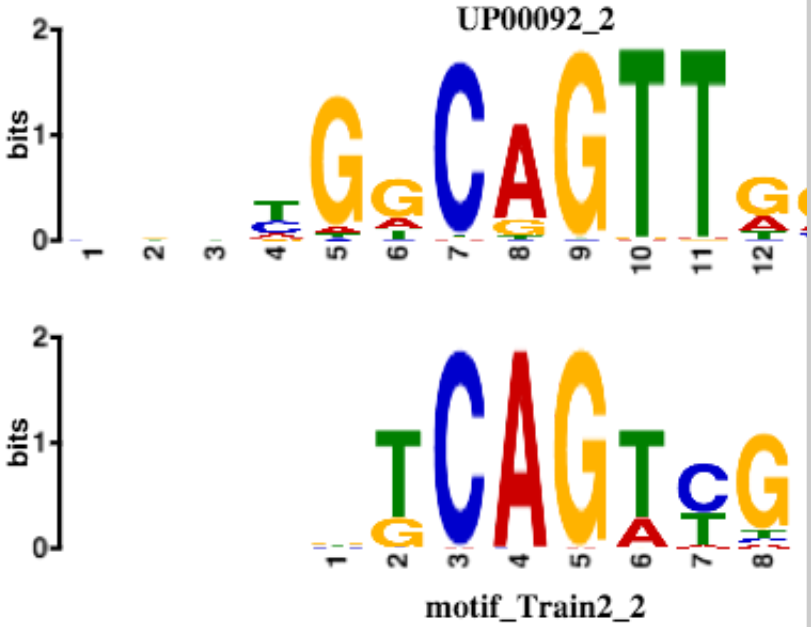


Summary

Name	UP00092_2 (Myb_secondary)
Database	uniprobe mouse
***p*-value**	1.57e-03
***E*-value**	1.54e+00
***q*-value**	1.00e+00
Overlap	8
Offset	4
Orientation	Reverse Complement

Show logo download options

Alignment



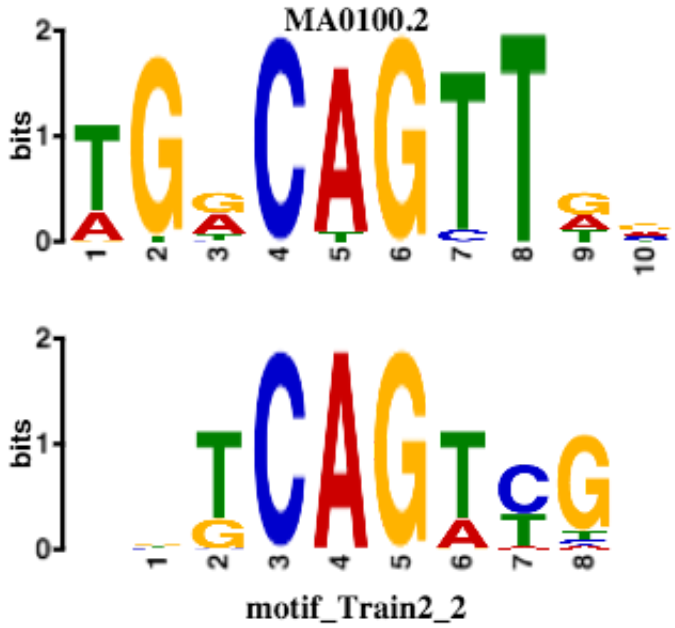
Summary

Name	MA0100.2 (Myb)
Database	JASPAR CORE 2014
***p*-value**	1.84e-03

Alignment

***E*-value**	1.80e+00
***q*-value**	1.00e+00
Overlap	8
Offset	1
Orientation	Reverse Complement

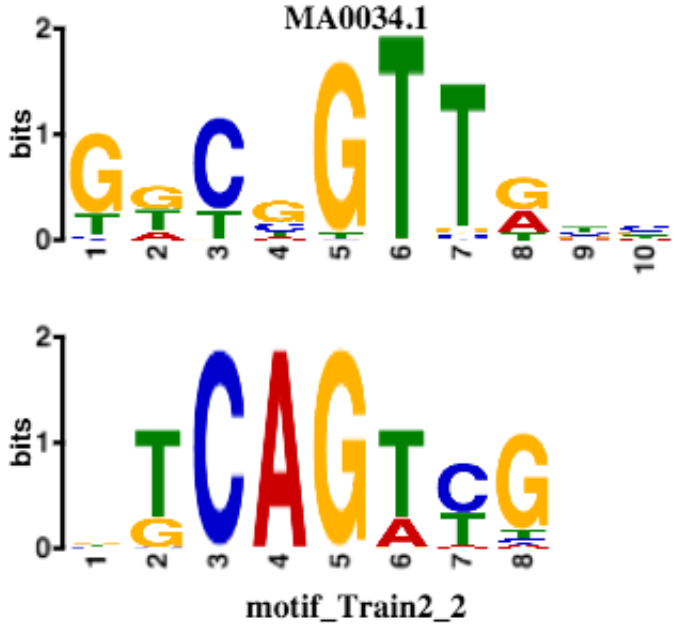
Show logo download options



Summary **Alignment**

Name	MA0034.1 (Gamyb)
Database	JASPAR CORE 2014
***p*-value**	8.19e-03
***E*-value**	8.02e+00
***q*-value**	1.00e+00
Overlap	8
Offset	0
Orientation	Reverse Complement

Show logo download options



MATCHES TO MOTIF_TRAIN7_2 (1-TCAGTCVB)

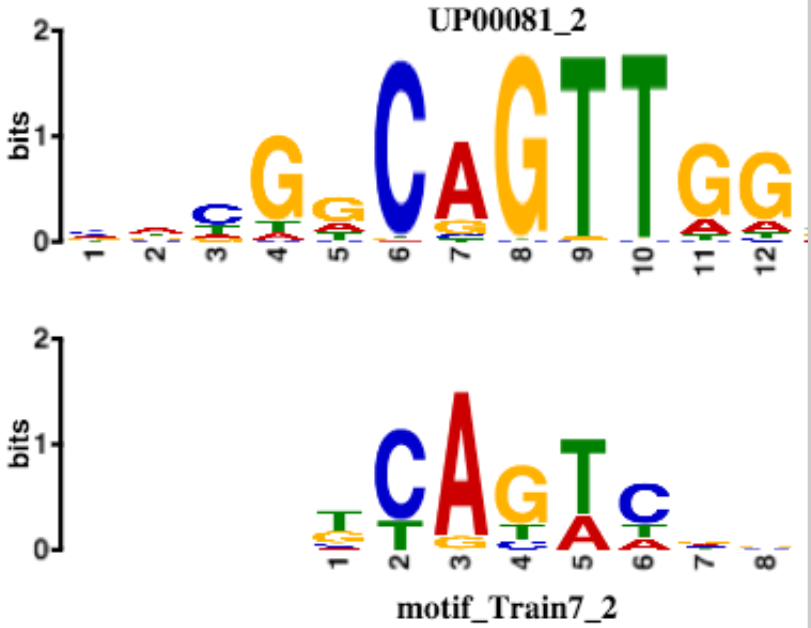
Previous Next Top

Summary **Alignment**

Name	UP00081_2 (Mybl1_secondary)
Database	uniprobe mouse
***p*-value**	5.38e-03
***E*-value**	5.27e+00
***q*-value**	1.00e+00
Overlap	8

Offset	4
Orientation	Reverse Complement

Show logo download options

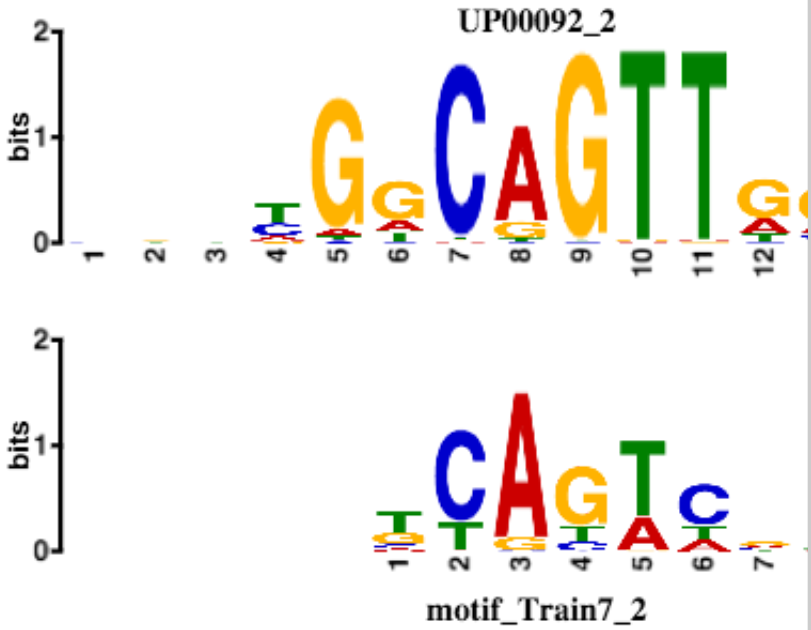


Summary

Name	UP00092_2 (Myb_secondary)
Database	uniprobe mouse
***p*-value**	8.39e-03
***E*-value**	8.22e+00
***q*-value**	1.00e+00
Overlap	8
Offset	5
Orientation	Reverse Complement

Show logo download options

Alignment



MATCHES TO MOTIF_TRAIN3_22 (23-GACGCAGCAG)

Previous Next Top

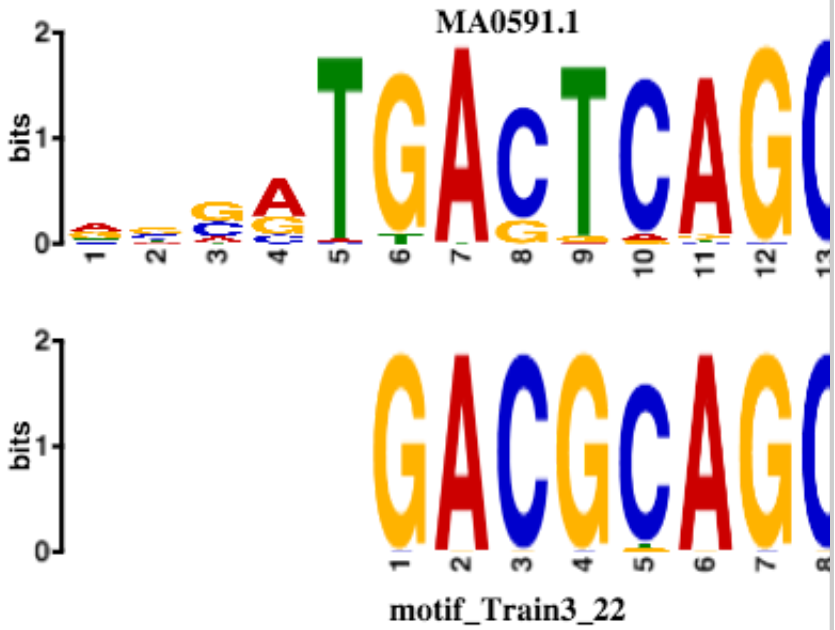
Summary

Name	MA0591.1 (Bach1::Mafk)
Database	JASPAR CORE 2014
***p*-value**	5.86e-05
***E*-value**	5.73e-02
***q*-value**	1.14e-01

Alignment

Overlap	10
Offset	5
Orientation	Normal

Show logo download options

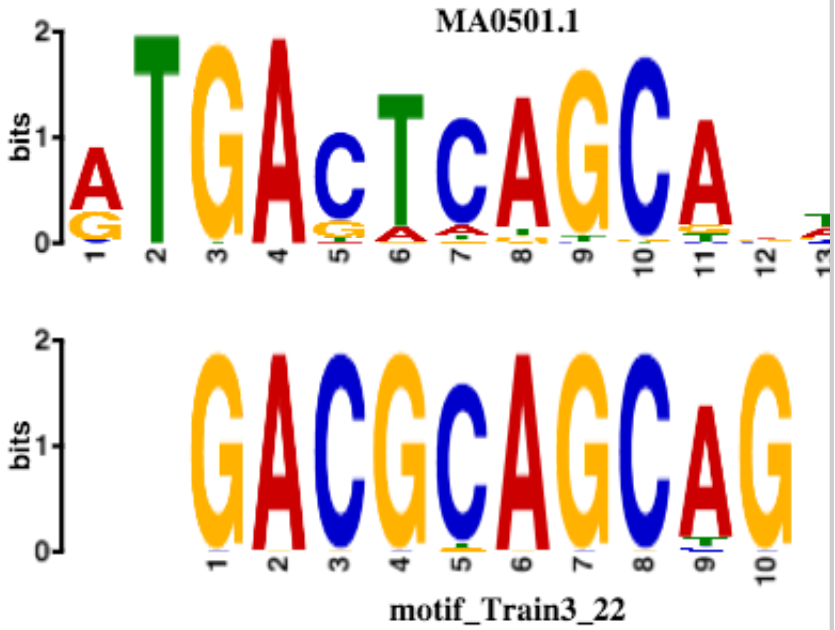


Summary

Name	MA0501.1 (NFE2::MAF)
Database	JASPAR CORE 2014
***p*-value**	1.76e-04
***E*-value**	1.72e-01
***q*-value**	1.72e-01
Overlap	10
Offset	2
Orientation	Normal

Show logo download options

Alignment

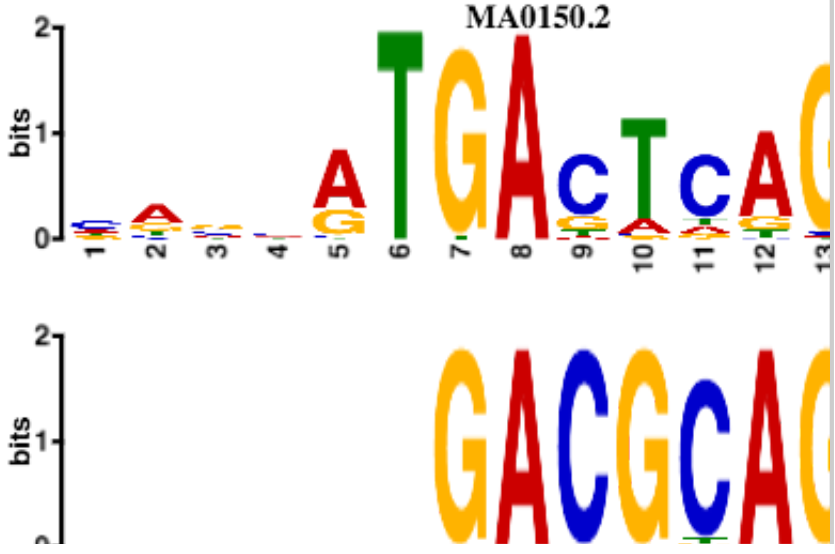


Summary

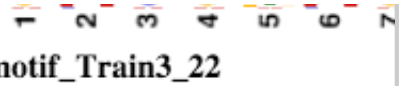
Name	MA0150.2 (Nfe2l2)
Database	JASPAR CORE 2014
***p*-value**	4.97e-04
***E*-value**	4.86e-01
***q*-value**	2.59e-01
Overlap	9
Offset	6
Orientation	Normal

Show logo download options

Alignment



Show logo download options



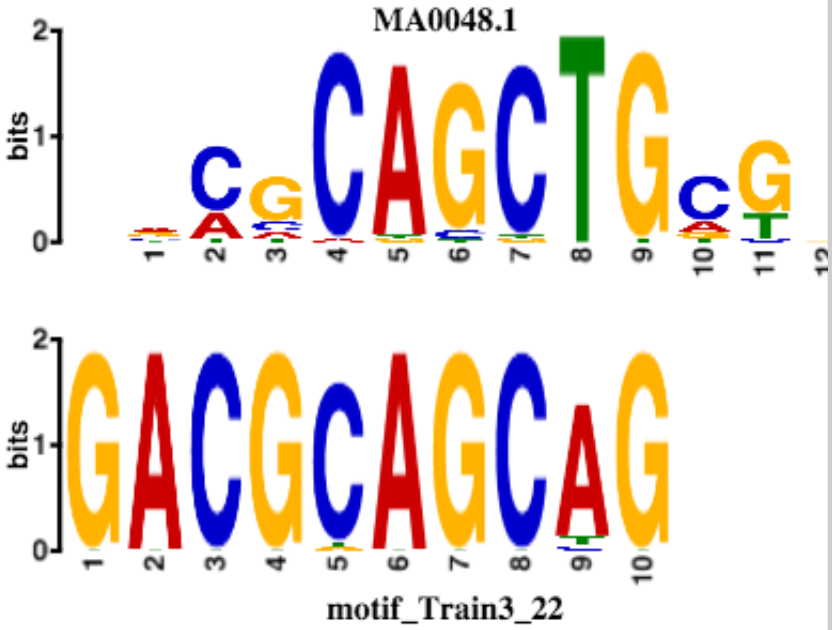
motif_Train3_22

Summary

Name	MA0048.1 (NHLH1)
Database	JASPAR CORE 2014
***p*-value**	5.31e-04
***E*-value**	5.19e-01
***q*-value**	2.59e-01
Overlap	9
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment



Summary

Name	UP00057_2 (Zic2_secondary)
Database	uniprobe mouse
***p*-value**	1.53e-03
***E*-value**	1.49e+00
***q*-value**	5.72e-01
Overlap	10
Offset	1
Orientation	Normal

Show logo download options

Alignment

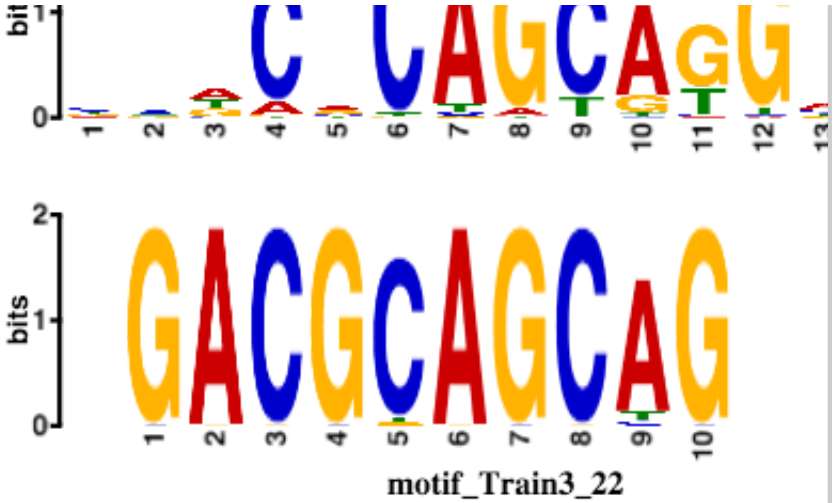
Summary

Name	UP00102_2 (Zic1_secondary)
Database	uniprobe mouse

Alignment

***p*-value**	2.07e-03
***E*-value**	2.03e+00
***q*-value**	5.72e-01
Overlap	10
Offset	1
Orientation	Normal

Show logo download options

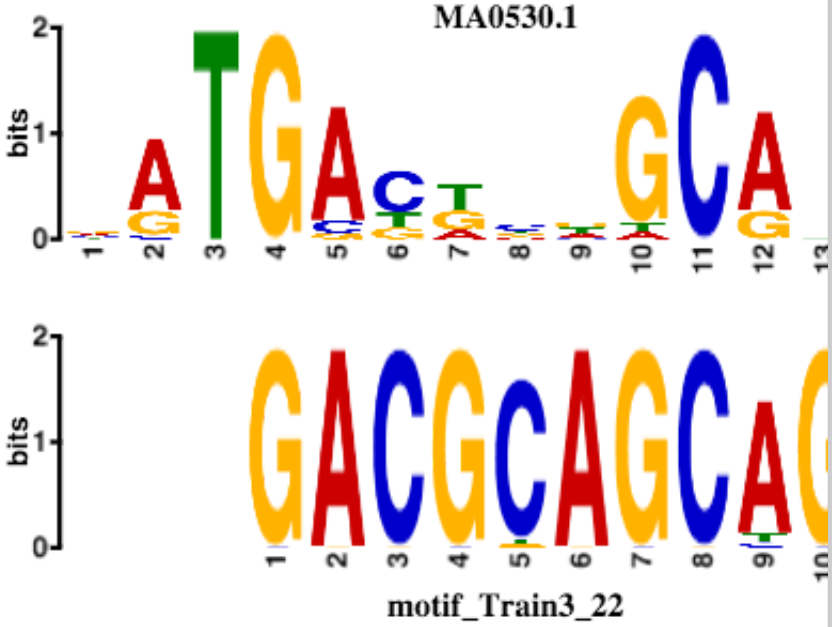


Summary

Name	MA0530.1 (CNC::maf-S)
Database	JASPAR CORE 2014
***p*-value**	2.39e-03
***E*-value**	2.34e+00
***q*-value**	5.72e-01
Overlap	10
Offset	3
Orientation	Normal

Show logo download options

Alignment

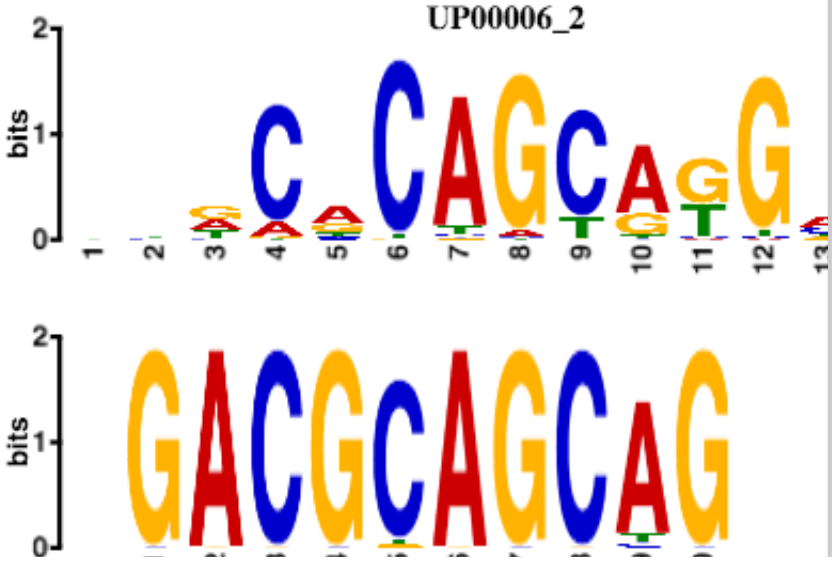


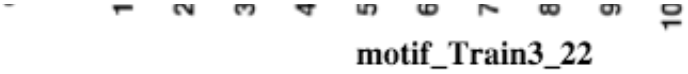
Summary

Name	UP00006_2 (Zic3_secondary)
Database	uniprobe mouse
***p*-value**	2.63e-03
***E*-value**	2.58e+00
***q*-value**	5.72e-01
Overlap	10
Offset	1
Orientation	Normal

Show logo download options

Alignment



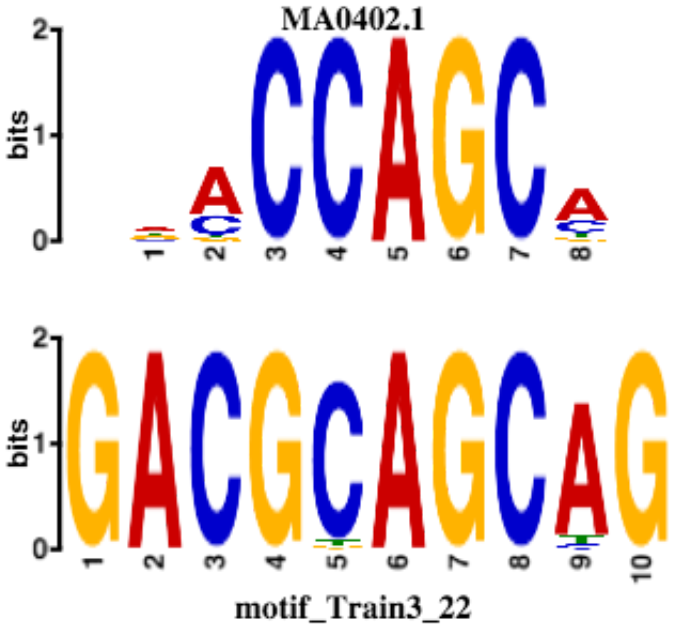


Summary

Name	MA0402.1 (SWI5)
Database	JASPAR CORE 2014
***p*-value**	3.12e-03
***E*-value**	3.05e+00
***q*-value**	5.82e-01
Overlap	8
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment

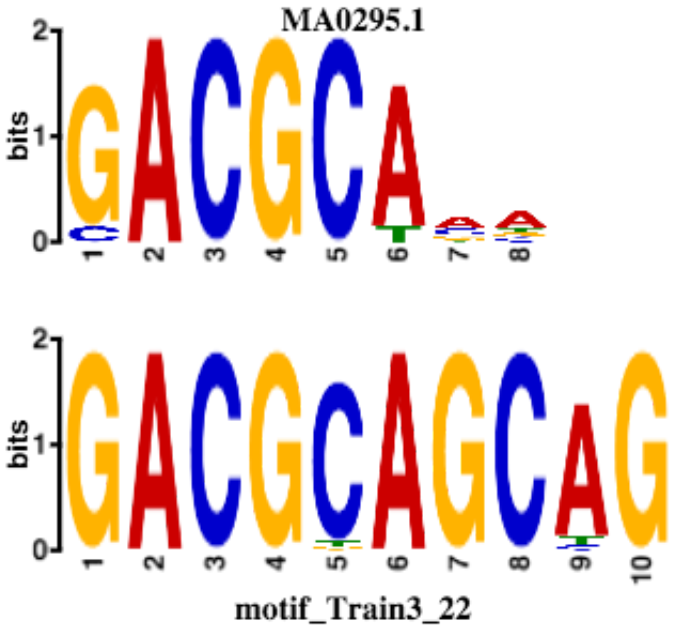


Summary

Name	MA0295.1 (FHL1)
Database	JASPAR CORE 2014
***p*-value**	3.28e-03
***E*-value**	3.21e+00
***q*-value**	5.82e-01
Overlap	8
Offset	0
Orientation	Normal

Show logo download options

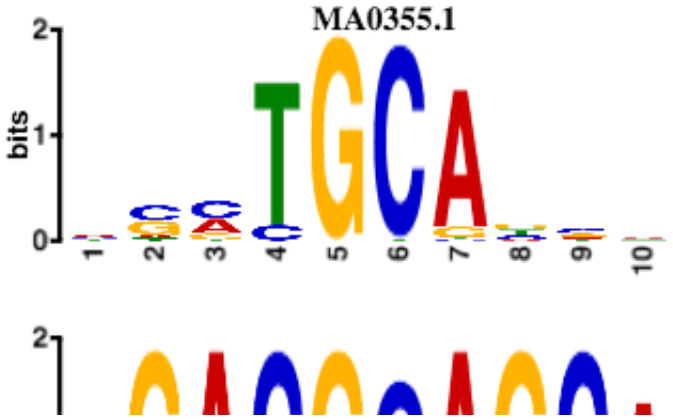
Alignment



Summary

Name	MA0355.1 (PHD1)
Database	JASPAR CORE 2014
***p*-value**	3.62e-03
***E*-value**	3.54e+00
***q*-value**	5.89e-01
Overlap	9

Alignment



Offset	1
Orientation	Normal

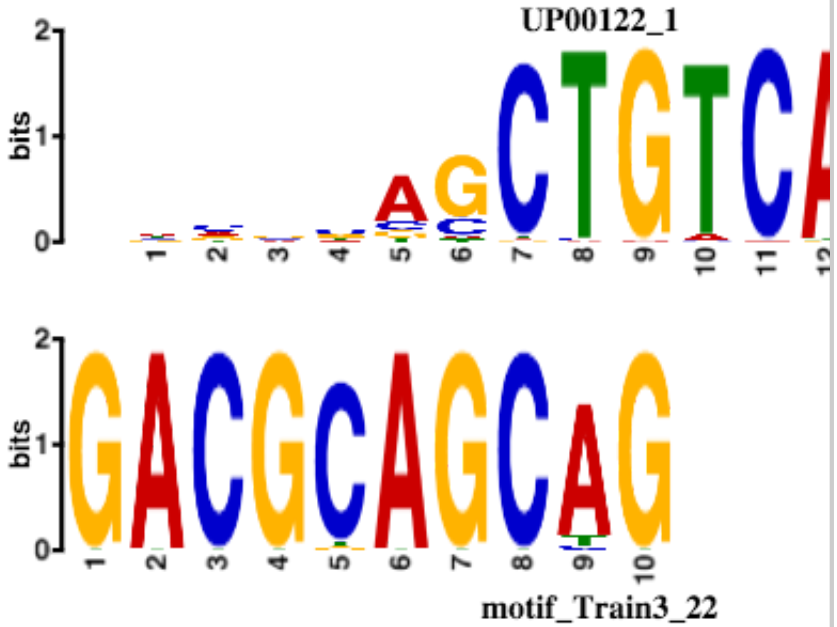
Show logo download options

Summary

Name	UP00122_1 (Tgif1_2342.2)
Database	uniprobe mouse
***p*-value**	3.95e-03
***E*-value**	3.86e+00
***q*-value**	5.94e-01
Overlap	9
Offset	-1
Orientation	Reverse Complement

Show logo download options

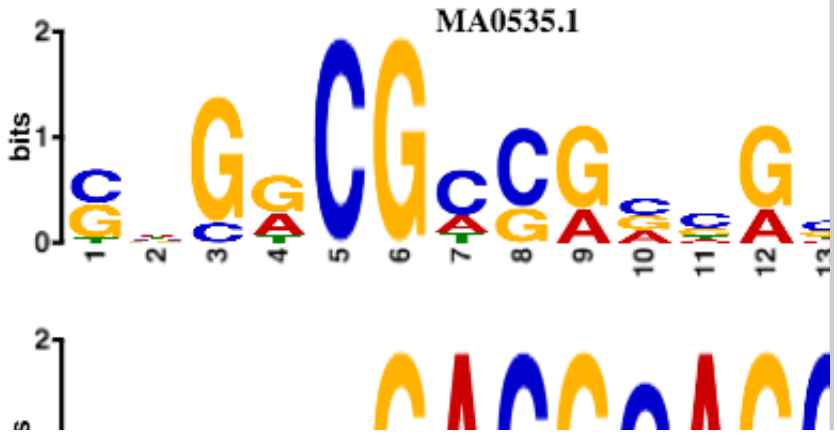
Alignment



Summary

Name	MA0535.1 (Mad)
Database	JASPAR CORE 2014
***p*-value**	6.46e-03
***E*-value**	6.33e+00
***q*-value**	8.25e-01
Overlap	10
Offset	5

Alignment



Orientation	Normal

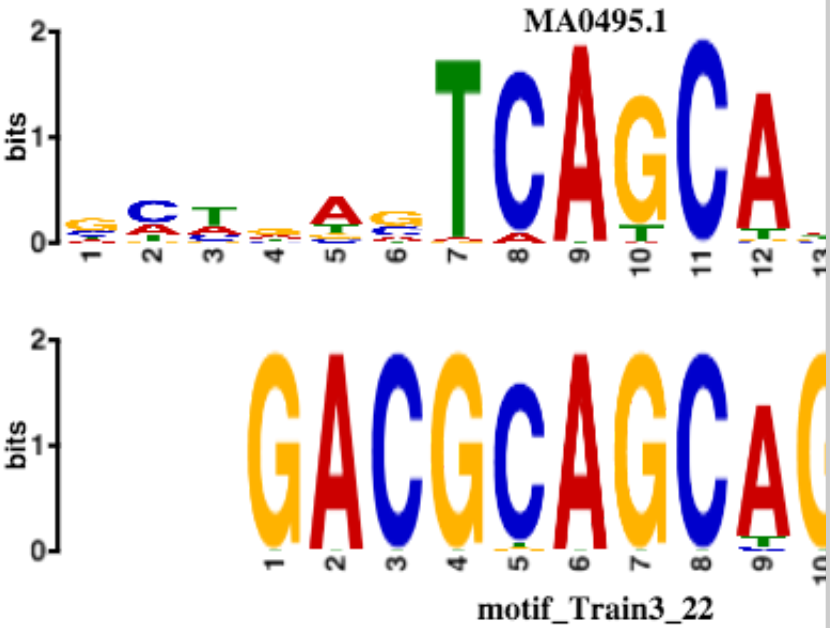
Show logo download options

Summary

Name	MA0495.1 (MAFF)
Database	JASPAR CORE 2014
***p*-value**	6.60e-03
***E*-value**	6.46e+00
***q*-value**	8.25e-01
Overlap	10
Offset	3
Orientation	Normal

Show logo download options

Alignment

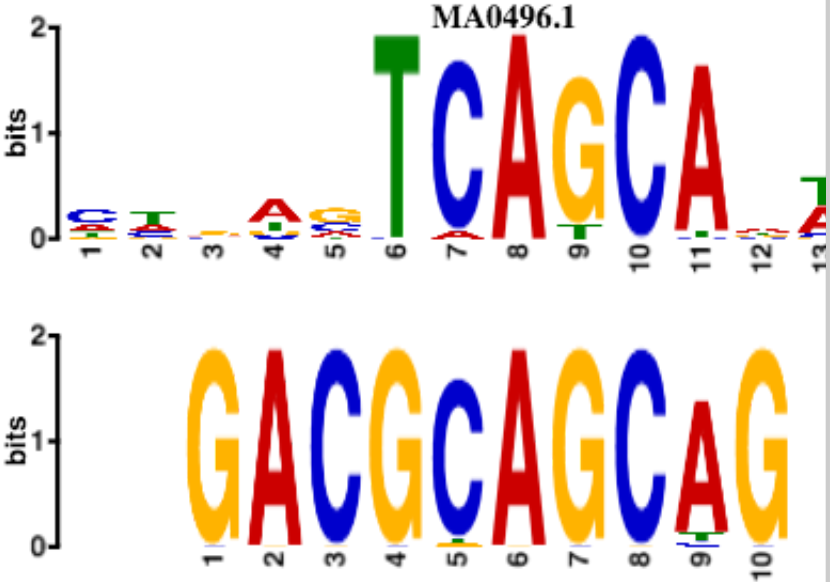


Summary

Name	MA0496.1 (MAFK)
Database	JASPAR CORE 2014
***p*-value**	6.76e-03
***E*-value**	6.61e+00
***q*-value**	8.25e-01
Overlap	10
Offset	2
Orientation	Normal

Show logo download options

Alignment



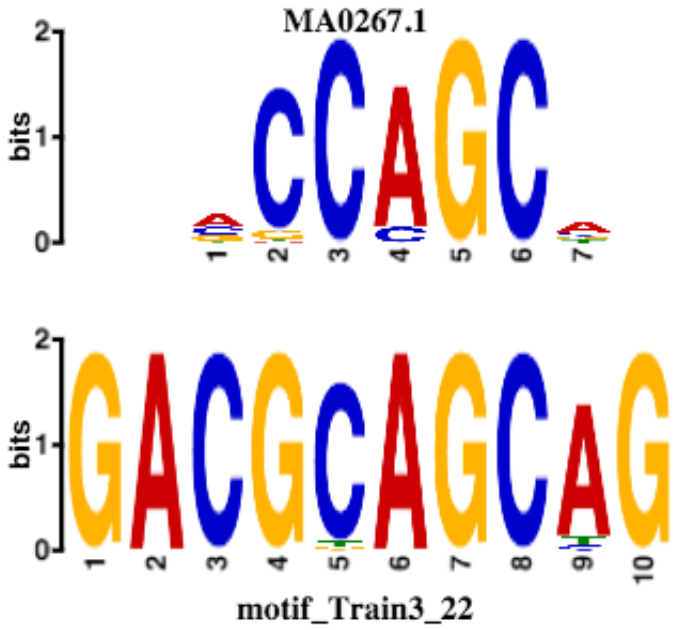
motif_Train3_22

Summary

Name	MA0267.1 (ACE2)
Database	JASPAR CORE 2014
***p*-value**	8.55e-03
***E*-value**	8.37e+00
***q*-value**	9.83e-01
Overlap	7
Offset	-2
Orientation	Normal

Show logo download options

Alignment



MATCHES TO MOTIF_TRAIN8_1 (1-NNKCAGTYGN)

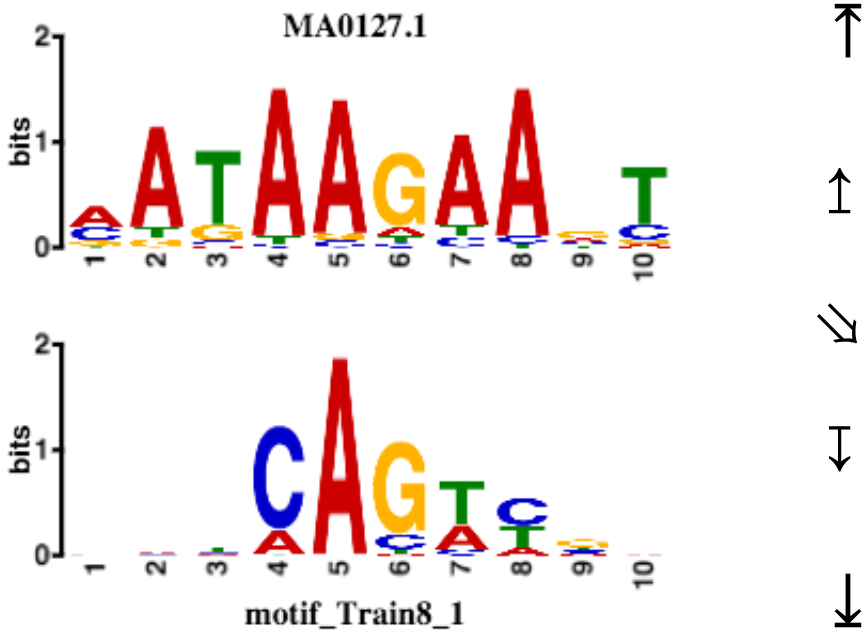
Previous Next Top

Summary

Name	MA0127.1 (PEND)
Database	JASPAR CORE 2014
***p*-value**	4.95e-03
***E*-value**	4.84e+00
***q*-value**	1.00e+00
Overlap	10
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment



MATCHES TO MOTIF_10_2 (1-NNKCAGTCGN)

Previous Next Top

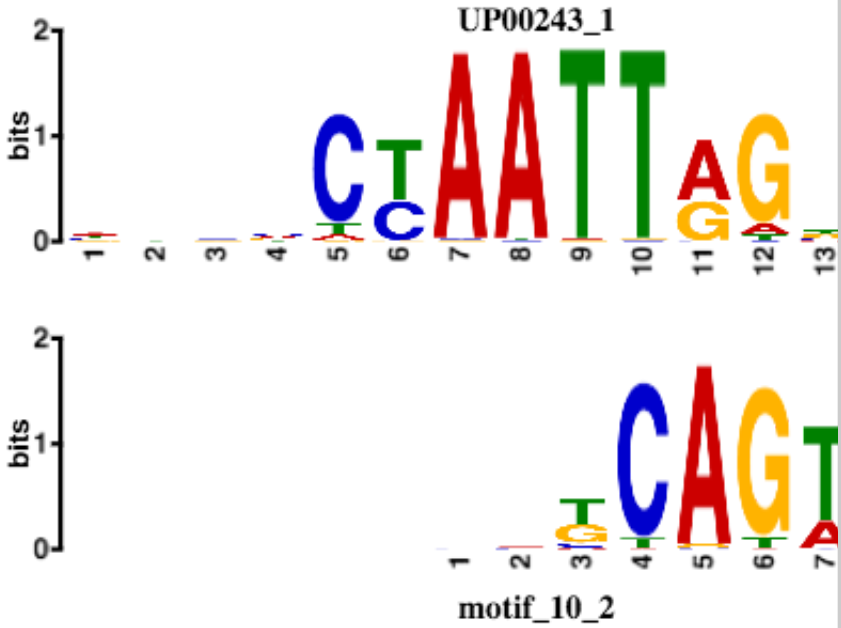
Summary

Name	UP00243_1 (Isx_3445.1)
Database	uniprobe mouse

Alignment

***p*-value**	5.10e-03
***E*-value**	5.00e+00
***q*-value**	1.00e+00
Overlap	10
Offset	6
Orientation	Normal

Show logo download options

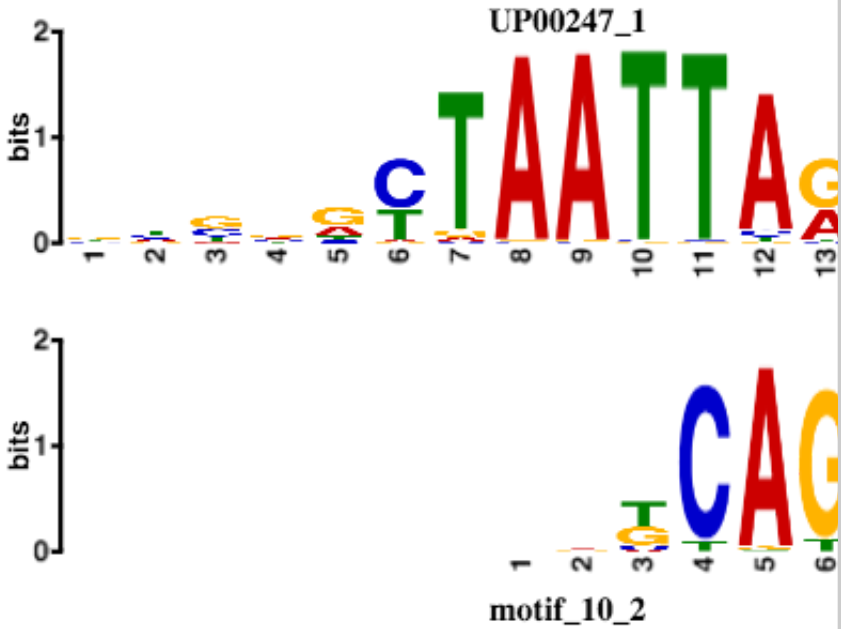


Summary

Name	UP00247_1 (Pax4_3989.2)
Database	uniprobe mouse
***p*-value**	5.64e-03
***E*-value**	5.53e+00
***q*-value**	1.00e+00
Overlap	10
Offset	7
Orientation	Reverse Complement

Show logo download options

Alignment

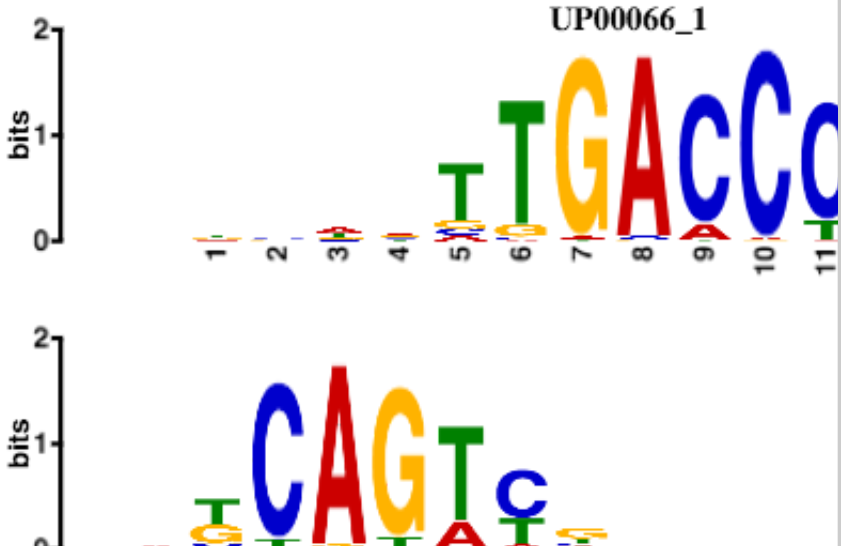


Summary

Name	UP00066_1 (Hnf4a_primary)
Database	uniprobe mouse
***p*-value**	7.12e-03
***E*-value**	6.97e+00
***q*-value**	1.00e+00
Overlap	8
Offset	-2
Orientation	Reverse Complement

Show logo download options

Alignment



Show logo download options

MATCHES TO MOTIF_TRAIN4_25 (16-CACGTG)

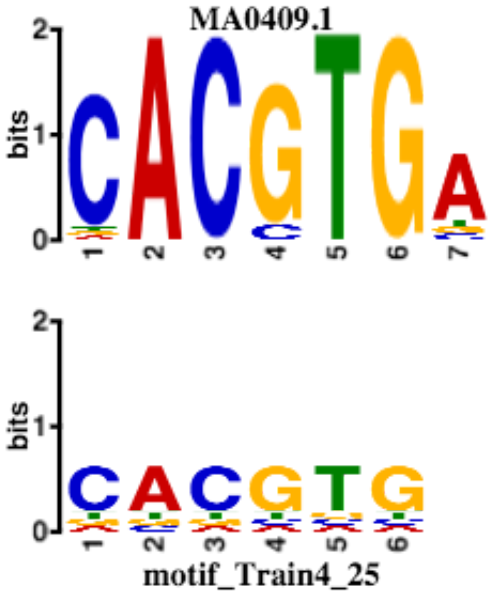
Previous Next Top

Summary

Name	MA0409.1 (TYE7)
Database	JASPAR CORE 2014
***p*-value**	3.87e-06
***E*-value**	3.79e-03
***q*-value**	9.14e-04
Overlap	6
Offset	0
Orientation	Normal

Show logo download options

Alignment

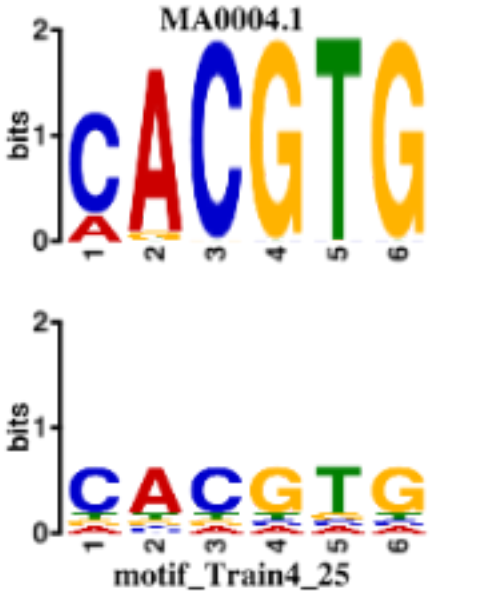


Summary

Name	MA0004.1 (Arnt)
Database	JASPAR CORE 2014
***p*-value**	5.07e-06
***E*-value**	4.97e-03
***q*-value**	9.14e-04
Overlap	6
Offset	0
Orientation	Normal

Show logo download options

Alignment



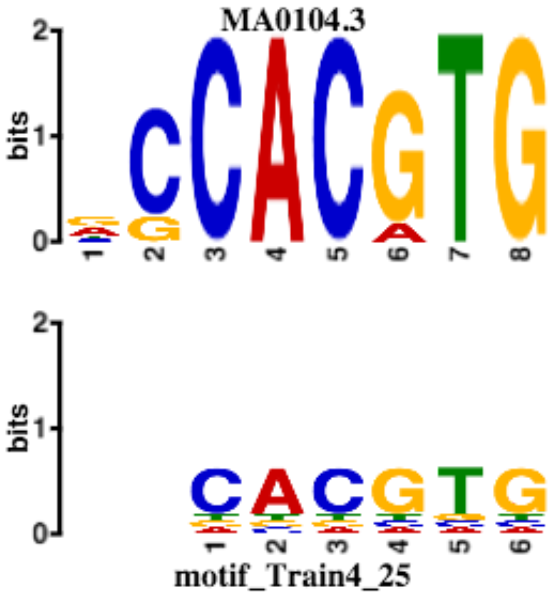
Summary

Name	MA0104.3 (Mycn)
Database	JASPAR CORE 2014
***p*-value**	5.80e-06
***E*-value**	5.68e-03

Alignment

***q*-value**	9.14e-04
Overlap	6
Offset	2
Orientation	Normal

Show logo download options

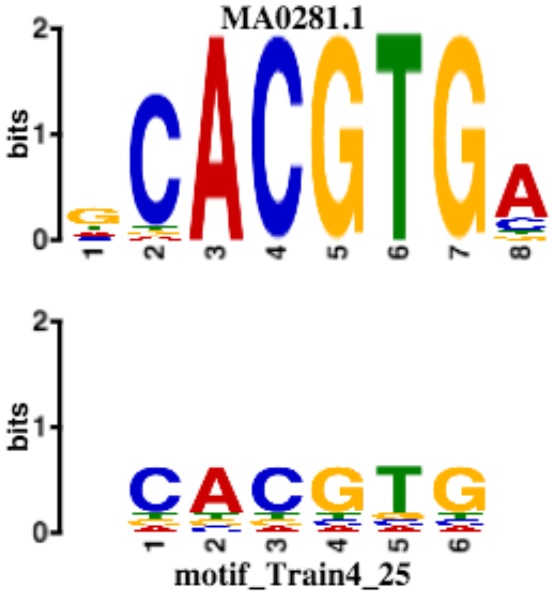


Summary

Name	MA0281.1 (CBF1)
Database	JASPAR CORE 2014
***p*-value**	5.80e-06
***E*-value**	5.68e-03
***q*-value**	9.14e-04
Overlap	6
Offset	1
Orientation	Normal

Show logo download options

Alignment

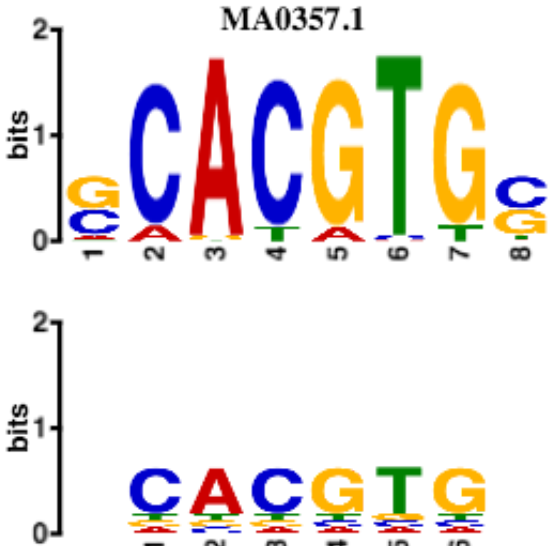


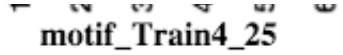
Summary

Name	MA0357.1 (PHO4)
Database	JASPAR CORE 2014
***p*-value**	5.80e-06
***E*-value**	5.68e-03
***q*-value**	9.14e-04
Overlap	6
Offset	1
Orientation	Normal

Show logo download options

Alignment



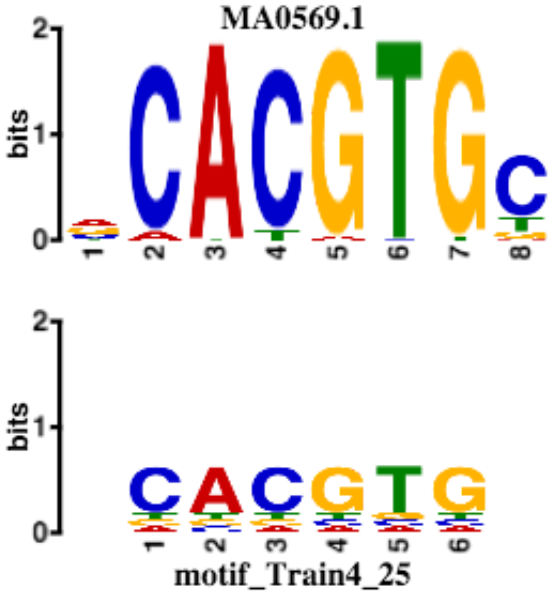


Summary

Name	MA0569.1 (MYC4)
Database	JASPAR CORE 2014
***p*-value**	5.80e-06
***E*-value**	5.68e-03
***q*-value**	9.14e-04
Overlap	6
Offset	1
Orientation	Normal

Show logo download options

Alignment

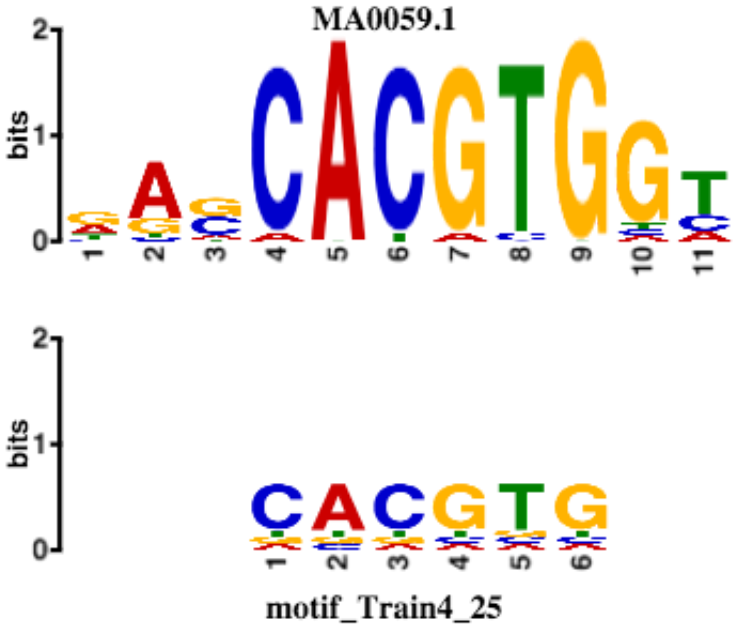


Summary

Name	MA0059.1 (MYC::MAX)
Database	JASPAR CORE 2014
***p*-value**	1.16e-05
***E*-value**	1.14e-02
***q*-value**	1.37e-03
Overlap	6
Offset	3
Orientation	Normal

Show logo download options

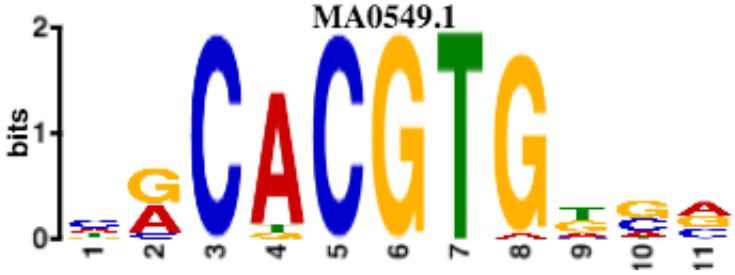
Alignment



Summary

Name	MA0549.1 (BES1)
Database	JASPAR CORE 2014
***p*-value**	1.16e-05
***E*-value**	1.14e-02
***q*-value**	1.37e-03

Alignment



Overlap	6
Offset	2
Orientation	Normal

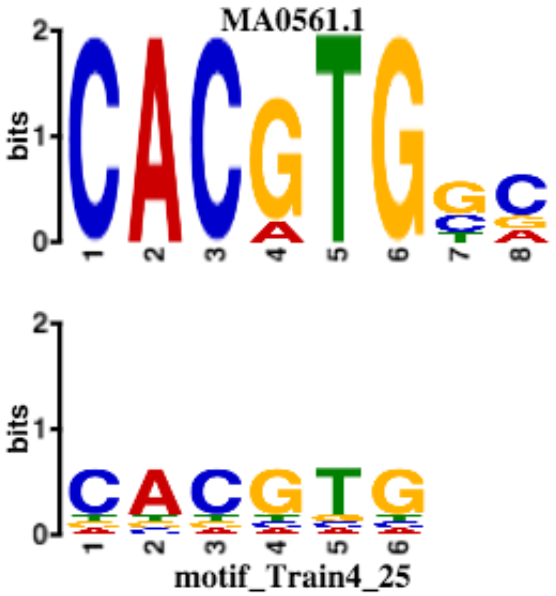
Show logo download options

Summary

Name	MA0561.1 (PIF4)
Database	JASPAR CORE 2014
***p*-value**	1.52e-05
***E*-value**	1.49e-02
***q*-value**	1.37e-03
Overlap	6
Offset	0
Orientation	Normal

Show logo download options

Alignment

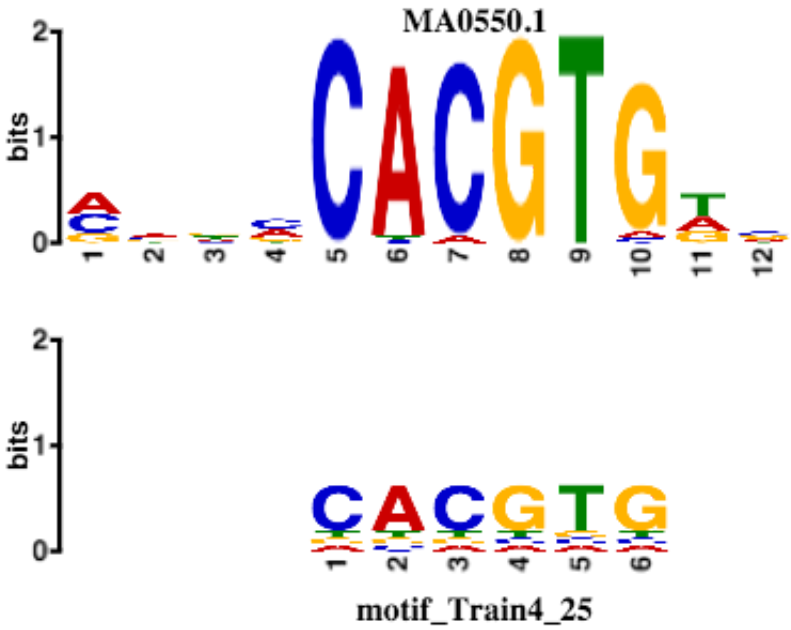


Summary

Name	MA0550.1 (BZR1)
Database	JASPAR CORE 2014
***p*-value**	1.74e-05
***E*-value**	1.70e-02
***q*-value**	1.37e-03
Overlap	6
Offset	4
Orientation	Normal

Show logo download options

Alignment



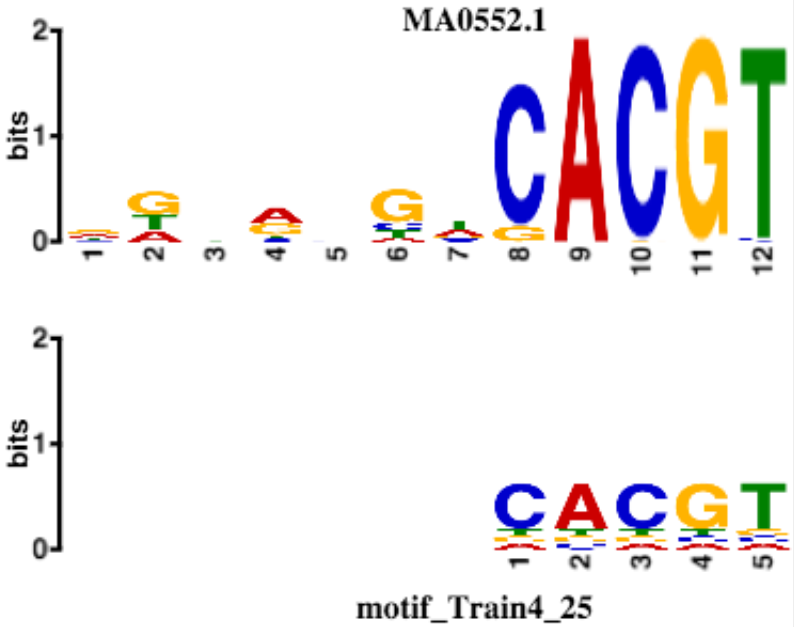
Summary

Name	MA0552.1 (PIL5)
Database	JASPAR CORE 2014

Alignment

***p*-value**	1.74e-05
***E*-value**	1.70e-02
***q*-value**	1.37e-03
Overlap	6
Offset	7
Orientation	Normal

Show logo download options

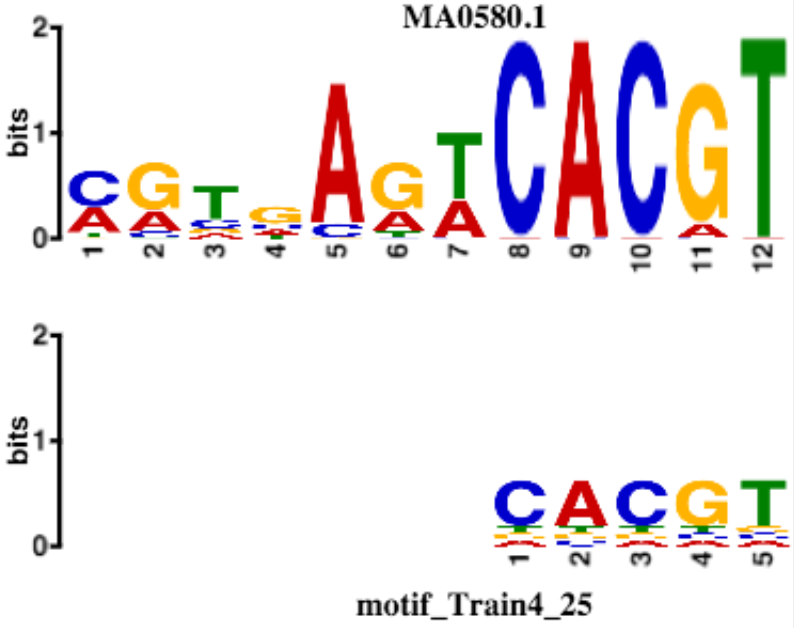


Summary

Name	MA0580.1 (DYT1)
Database	JASPAR CORE 2014
***p*-value**	1.74e-05
***E*-value**	1.70e-02
***q*-value**	1.37e-03
Overlap	6
Offset	7
Orientation	Normal

Show logo download options

Alignment



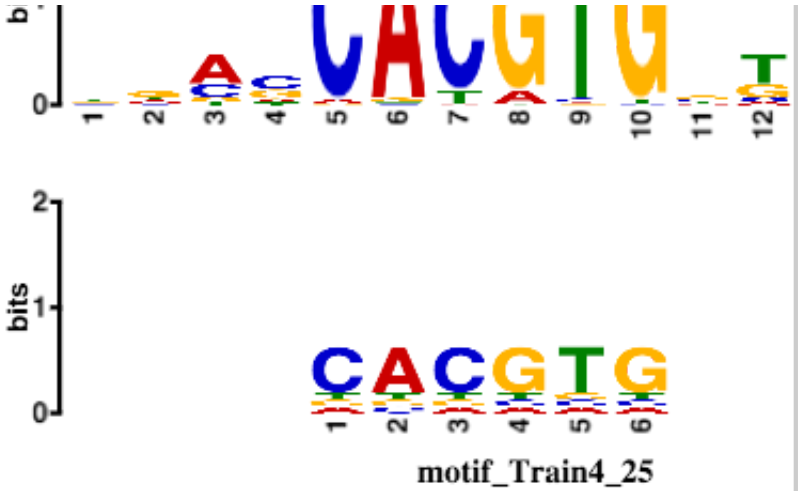
Summary

Name	UP00060_1 (Max_primary)
Database	uniprobe mouse

Alignment

***p*-value**	2.13e-05
***E*-value**	2.08e-02
***q*-value**	1.44e-03
Overlap	6
Offset	4
Orientation	Normal

Show logo download options

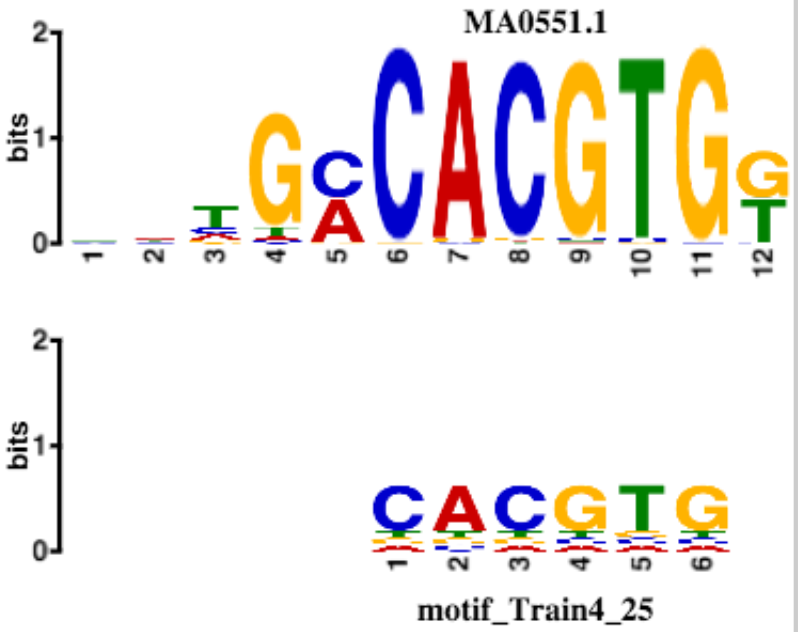


Summary

Name	MA0551.1 (HY5)
Database	JASPAR CORE 2014
***p*-value**	2.13e-05
***E*-value**	2.08e-02
***q*-value**	1.44e-03
Overlap	6
Offset	5
Orientation	Normal

Show logo download options

Alignment



Summary

Name	MA0566.1 (MYC2)
Database	JASPAR CORE 2014
***p*-value**	2.65e-05
***E*-value**	2.59e-02
***q*-value**	1.56e-03

Alignment

Overlap	6
Offset	1
Orientation	Normal

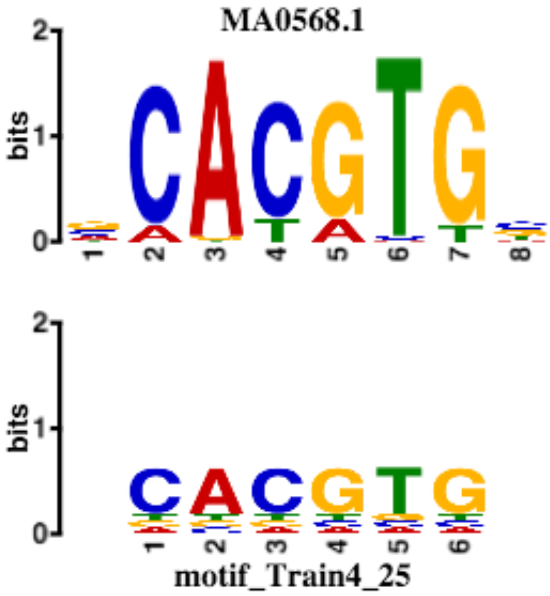
Show logo download options

Summary

Name	MA0568.1 (MYC3)
Database	JASPAR CORE 2014
***p*-value**	2.65e-05
***E*-value**	2.59e-02
***q*-value**	1.56e-03
Overlap	6
Offset	1
Orientation	Normal

Show logo download options

Alignment

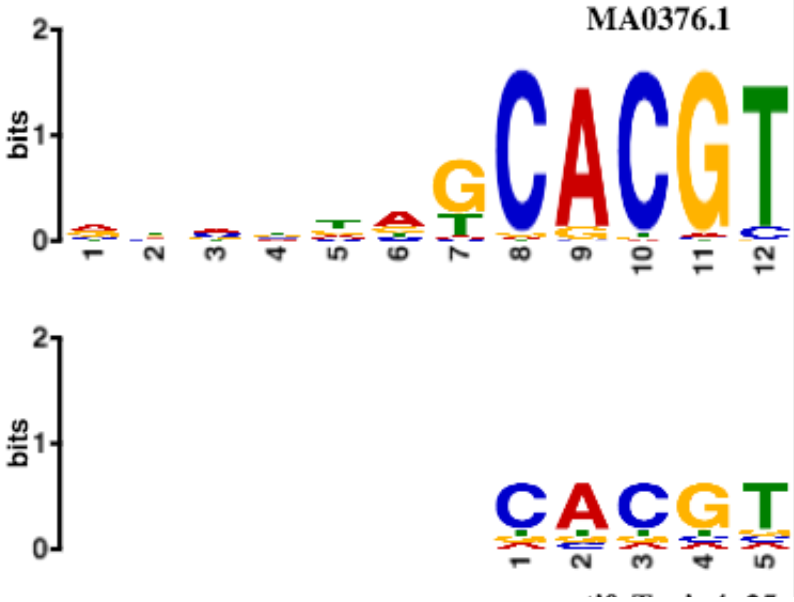


Summary

Name	MA0376.1 (RTG3)
Database	JASPAR CORE 2014
***p*-value**	2.90e-05
***E*-value**	2.84e-02
***q*-value**	1.60e-03
Overlap	6
Offset	7
Orientation	Normal

Show logo download options

Alignment



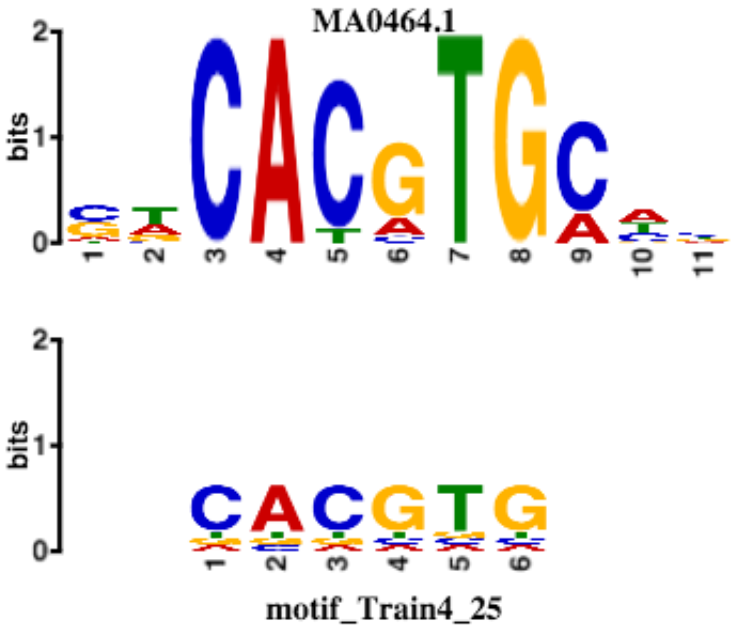
motif_Train4_25

Summary

Name	MA0464.1 (Bhlhe40)
Database	JASPAR CORE 2014
***p*-value**	3.04e-05
***E*-value**	2.98e-02
***q*-value**	1.60e-03
Overlap	6
Offset	2
Orientation	Normal

Show logo download options

Alignment

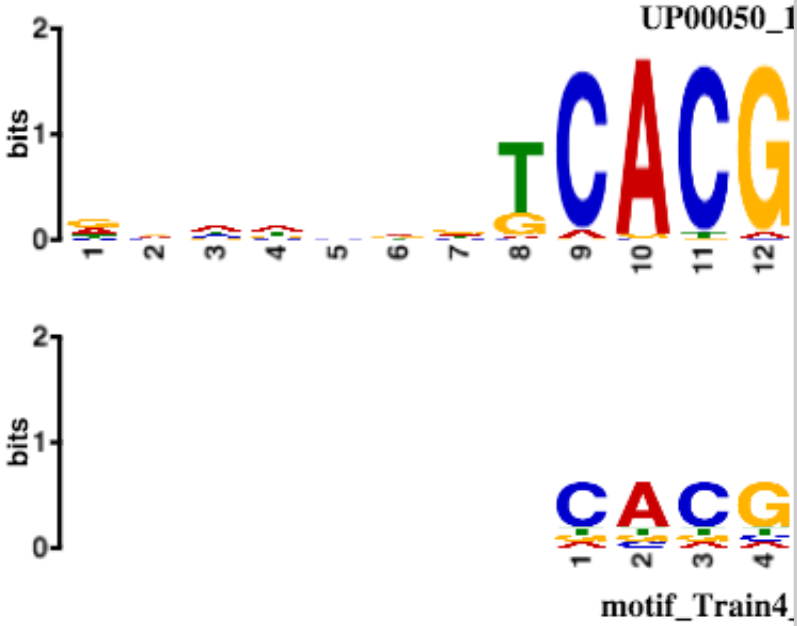


Summary

Name	UP00050_1 (Bhlhb2_primary)
Database	uniprobe mouse
***p*-value**	3.29e-05
***E*-value**	3.22e-02
***q*-value**	1.63e-03
Overlap	6
Offset	8
Orientation	Normal

Show logo download options

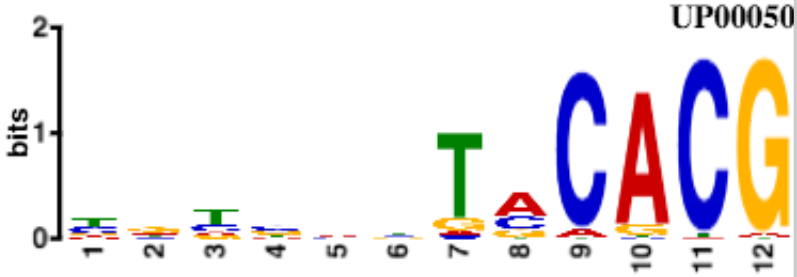
Alignment



Summary

Name	UP00050_2 (Bhlhb2_secondary)
Database	uniprobe mouse
***p*-value**	3.48e-05
***E*-value**	3.41e-02
***q*-value**	1.64e-03
Overlap	6
Offset	8

Alignment



Orientation	Normal

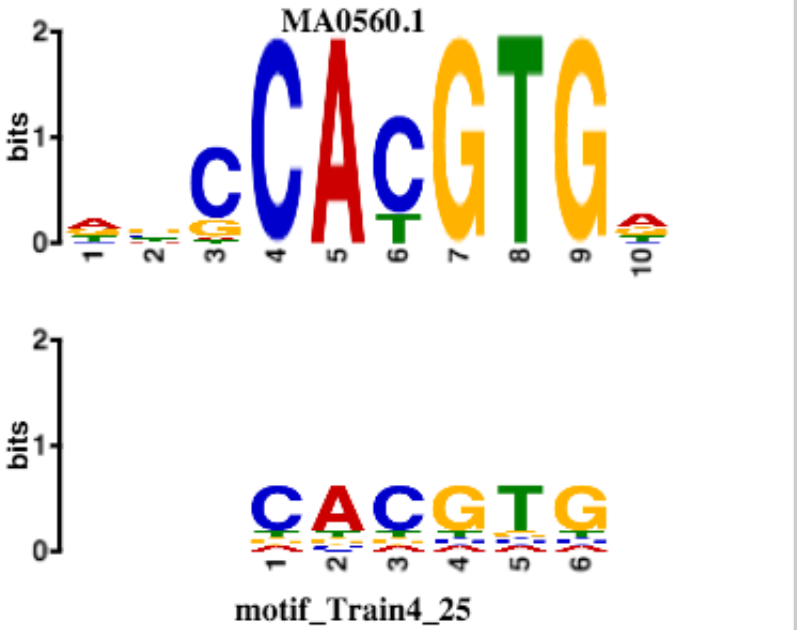
Show logo download options

Summary

Name	MA0560.1 (PIF3)
Database	JASPAR CORE 2014
***p*-value**	4.41e-05
***E*-value**	4.32e-02
***q*-value**	1.98e-03
Overlap	6
Offset	3
Orientation	Normal

Show logo download options

Alignment

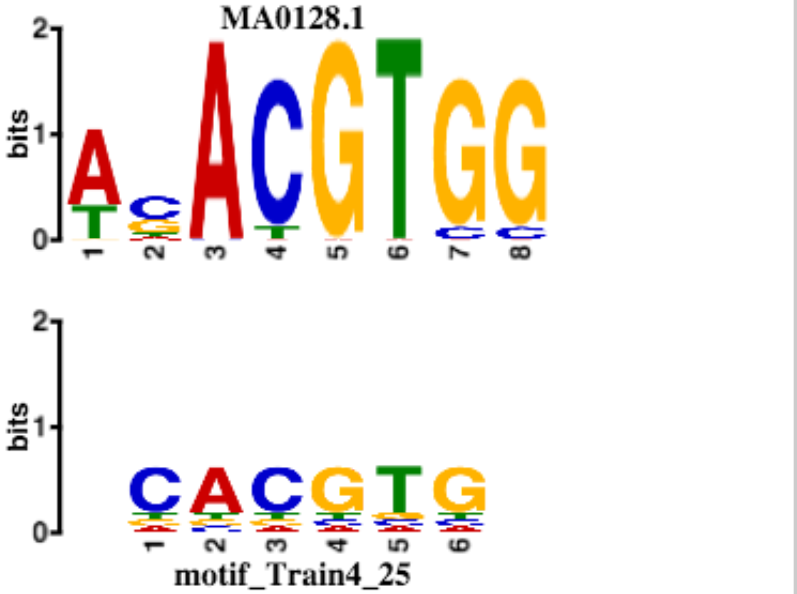


Summary

Name	MA0128.1 (EmBP-1)
Database	JASPAR CORE 2014
***p*-value**	6.64e-05
***E*-value**	6.50e-02
***q*-value**	2.61e-03
Overlap	6
Offset	1
Orientation	Normal

Show logo download options

Alignment



Summary

Name	MA0310.1 (HAC1)
Database	JASPAR CORE 2014

Alignment

***p*-value**	6.64e-05
***E*-value**	6.50e-02
***q*-value**	2.61e-03
Overlap	6
Offset	2
Orientation	Normal

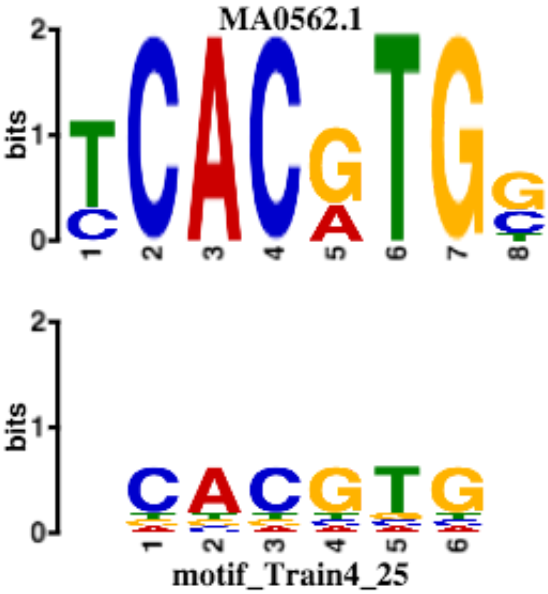
Show logo download options

Summary

Name	MA0562.1 (PIF5)
Database	JASPAR CORE 2014
***p*-value**	6.64e-05
***E*-value**	6.50e-02
***q*-value**	2.61e-03
Overlap	6
Offset	1
Orientation	Normal

Show logo download options

Alignment

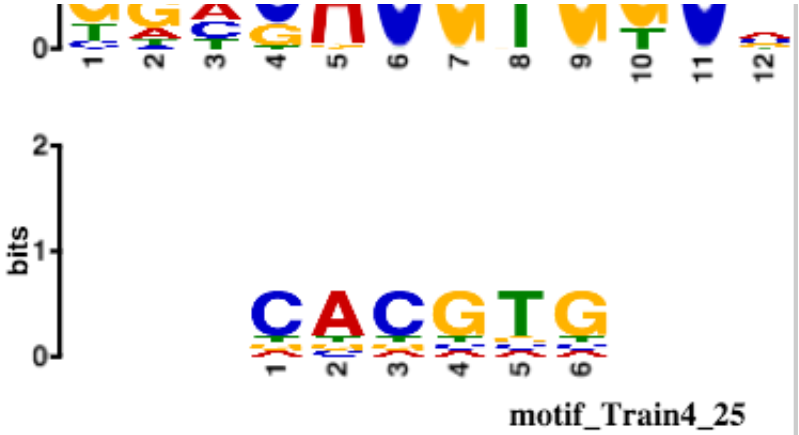


Summary

Name	MA0570.1 (ABF1)
Database	JASPAR CORE 2014
***p*-value**	7.10e-05
***E*-value**	6.95e-02
***q*-value**	2.68e-03
Overlap	6
Offset	3
Orientation	Normal

Show logo download options

Alignment

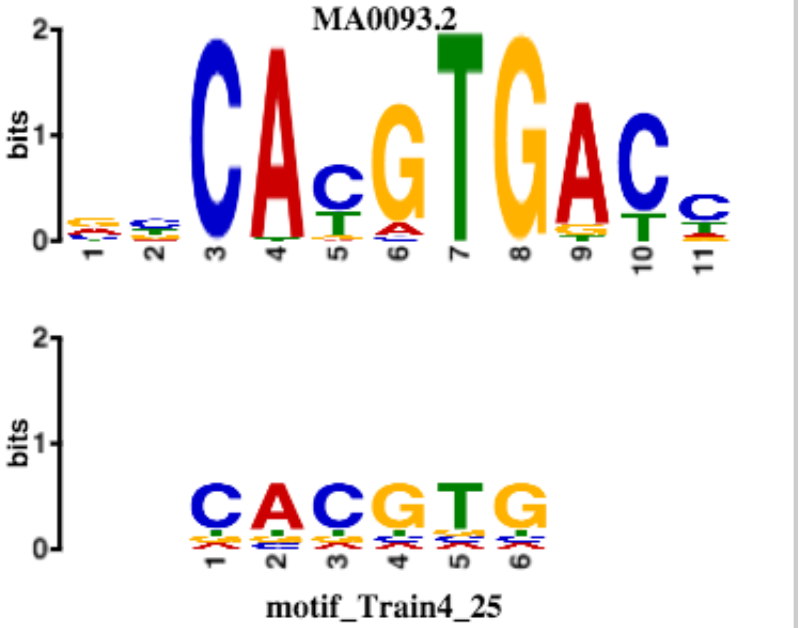


Summary

Name	MA0093.2 (USF1)
Database	JASPAR CORE 2014
***p*-value**	1.63e-04
***E*-value**	1.60e-01
***q*-value**	5.93e-03
Overlap	6
Offset	2
Orientation	Normal

Show logo download options

Alignment

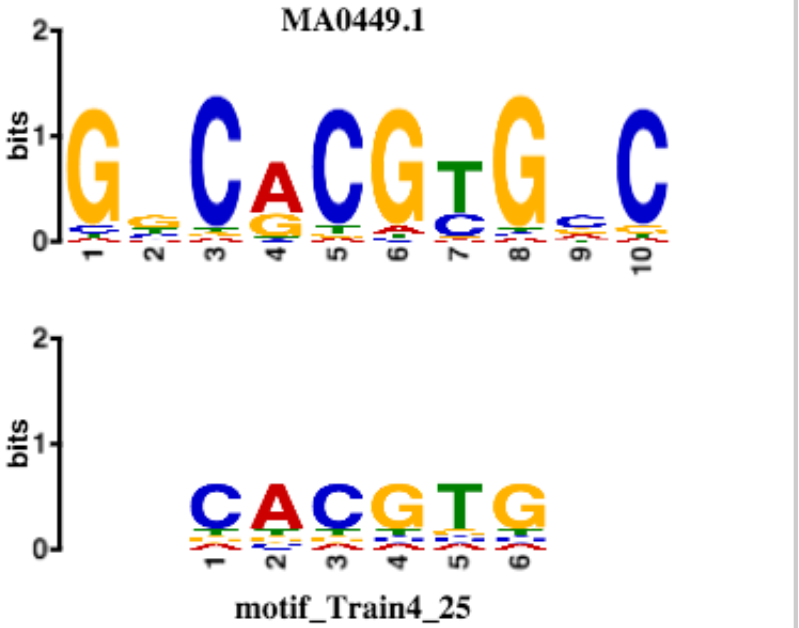


Summary

Name	MA0449.1 (h)
Database	JASPAR CORE 2014
***p*-value**	1.92e-04
***E*-value**	1.88e-01
***q*-value**	6.70e-03
Overlap	6
Offset	2
Orientation	Normal

Show logo download options

Alignment



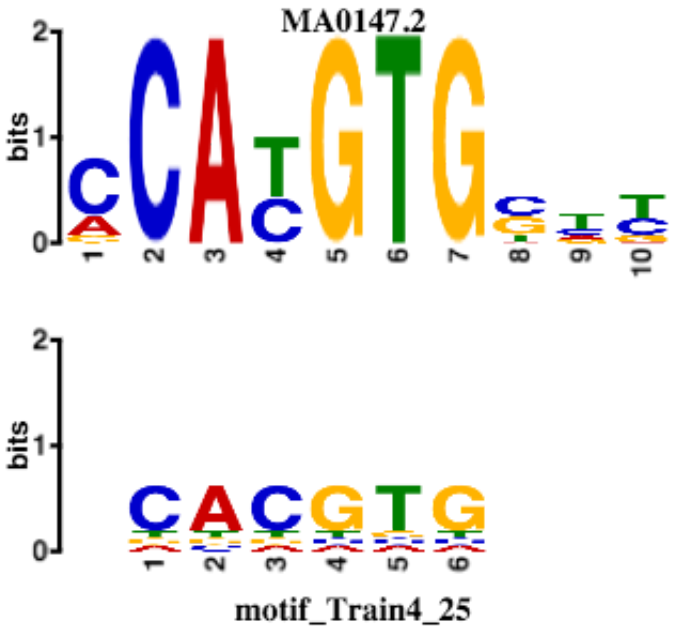
Summary

Alignment

Name	MA0147.2 (Myc)

Name	MA0147.2 (Myc)
Database	JASPAR CORE 2014
***p*-value**	9.13e-04
***E*-value**	8.94e-01
***q*-value**	3.08e-02
Overlap	6
Offset	1
Orientation	Normal

Show logo download options

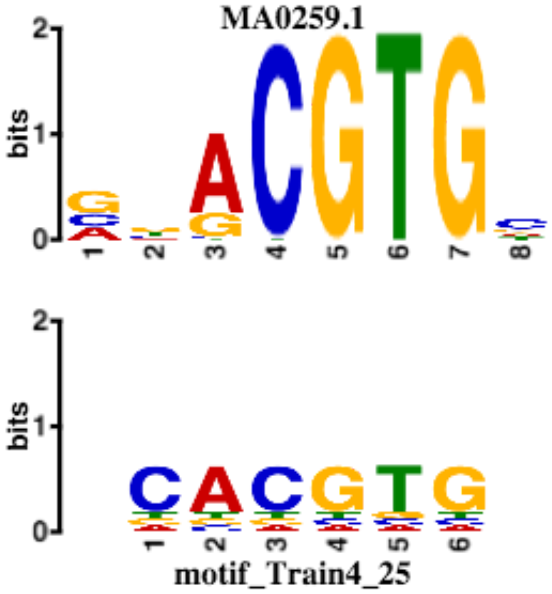


Summary

Name	MA0259.1 (HIF1A::ARNT)
Database	JASPAR CORE 2014
***p*-value**	1.03e-03
***E*-value**	1.01e+00
***q*-value**	3.35e-02
Overlap	6
Offset	1
Orientation	Normal

Show logo download options

Alignment



Summary

Name	MA0086.1 (sna)
Database	JASPAR CORE 2014
***p*-value**	1.35e-03
***E*-value**	1.32e+00

Alignment

***q*-value**	4.26e-02
Overlap	6
Offset	0
Orientation	Normal

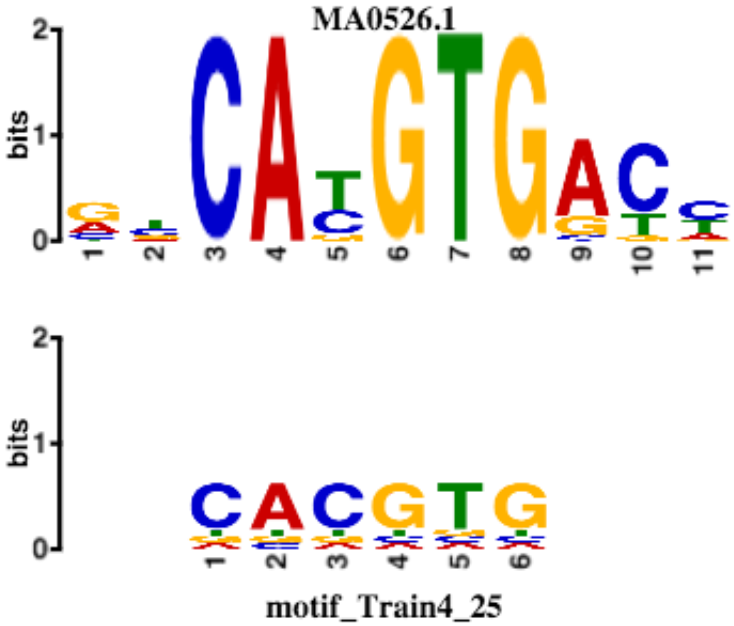
Show logo download options

Summary

Name	MA0526.1 (USF2)
Database	JASPAR CORE 2014
***p*-value**	1.57e-03
***E*-value**	1.53e+00
***q*-value**	4.77e-02
Overlap	6
Offset	2
Orientation	Normal

Show logo download options

Alignment

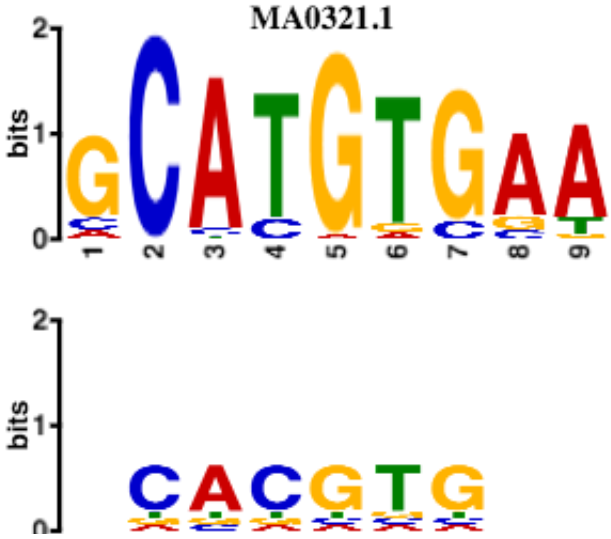


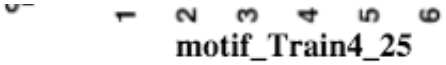
Summary

Name	MA0321.1 (INO2)
Database	JASPAR CORE 2014
***p*-value**	2.65e-03
***E*-value**	2.60e+00
***q*-value**	7.83e-02
Overlap	6
Offset	1
Orientation	Normal

Show logo download options

Alignment



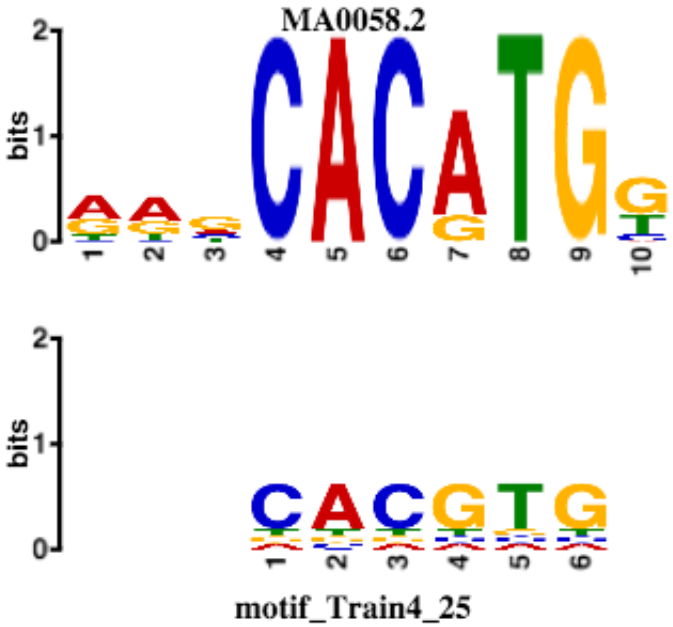


Summary

Name	MA0058.2 (MAX)
Database	JASPAR CORE 2014
***p*-value**	2.85e-03
***E*-value**	2.79e+00
***q*-value**	8.16e-02
Overlap	6
Offset	3
Orientation	Normal

Show logo download options

Alignment

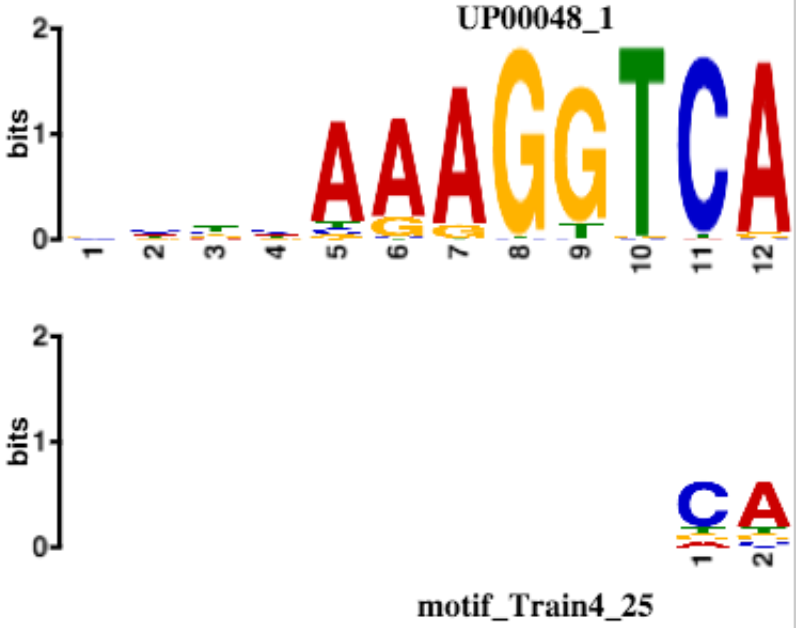


Summary

	UP00048_1
Name	(Rara_primary)
Database	uniprobe mouse
***p*-value**	3.20e-03
***E*-value**	3.14e+00
***q*-value**	8.90e-02
Overlap	6
Offset	10
Orientation	Normal

Show logo download options

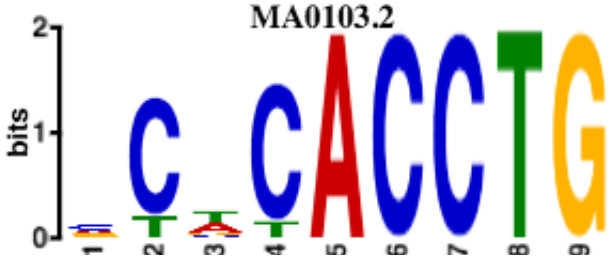
Alignment



Summary

Name	MA0103.2 (ZEB1)
Database	JASPAR CORE 2014
***p*-value**	4.01e-03
***E*-value**	3.93e+00

Alignment



***q*-value**	1.08e-01
Overlap	6
Offset	3
Orientation	Normal

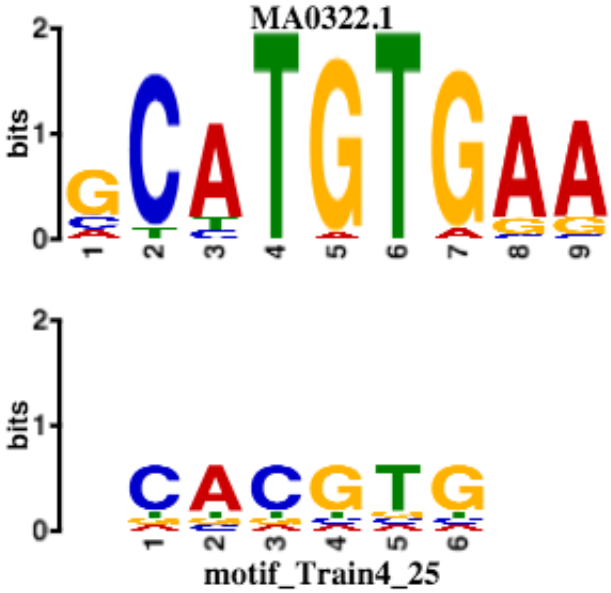
Show logo download options

Summary

Name	MA0322.1 (INO4)
Database	JASPAR CORE 2014
***p*-value**	4.44e-03
***E*-value**	4.35e+00
***q*-value**	1.16e-01
Overlap	6
Offset	1
Orientation	Normal

Show logo download options

Alignment

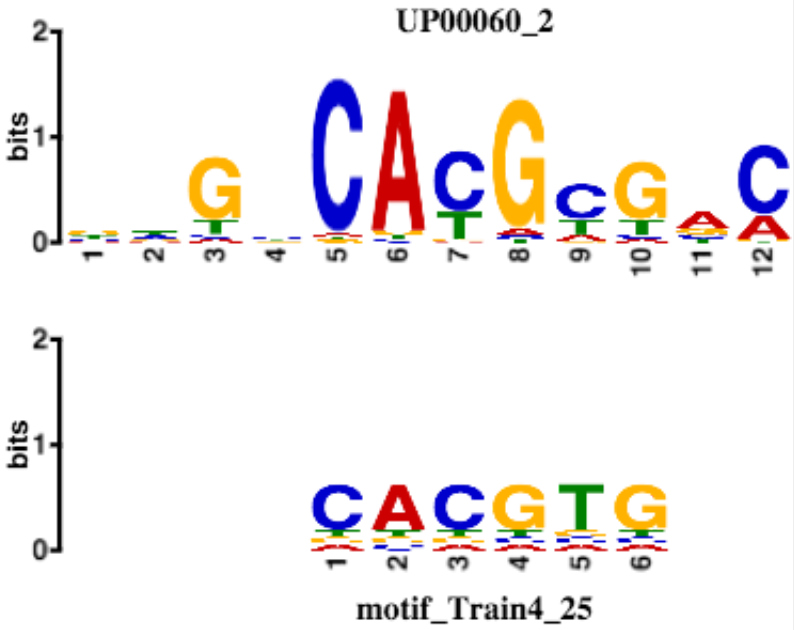


Summary

Name	UP00060_2 (Max_secondary)
Database	uniprobe mouse
***p*-value**	5.67e-03
***E*-value**	5.55e+00
***q*-value**	1.45e-01
Overlap	6
Offset	4
Orientation	Normal

Show logo download options

Alignment



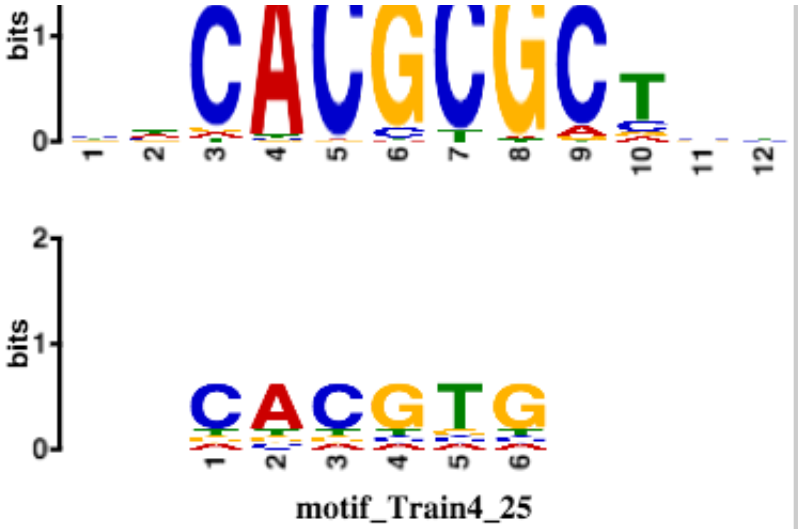
Summary

Name	MA0557.1 (FHY3)
Database	JASPAR CORE 2014

Alignment

***p*-value**	6.05e-03
***E*-value**	5.92e+00
***q*-value**	1.50e-01
Overlap	6
Offset	2
Orientation	Normal

Show logo download options

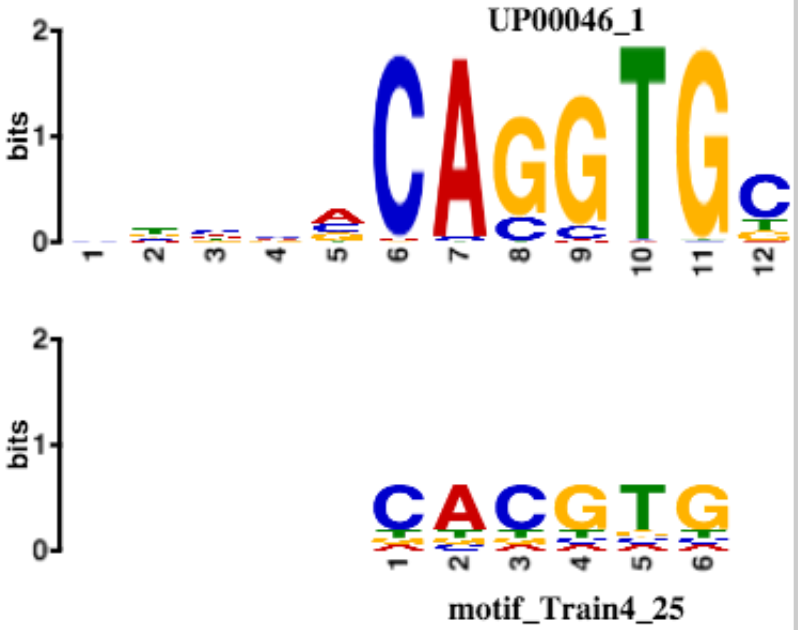


Summary

Alignment

Name	UP00046_1 (Tcfe2a_primary)
Database	uniprobe mouse
***p*-value**	6.83e-03
***E*-value**	6.68e+00
***q*-value**	1.65e-01
Overlap	6
Offset	5
Orientation	Normal

Show logo download options



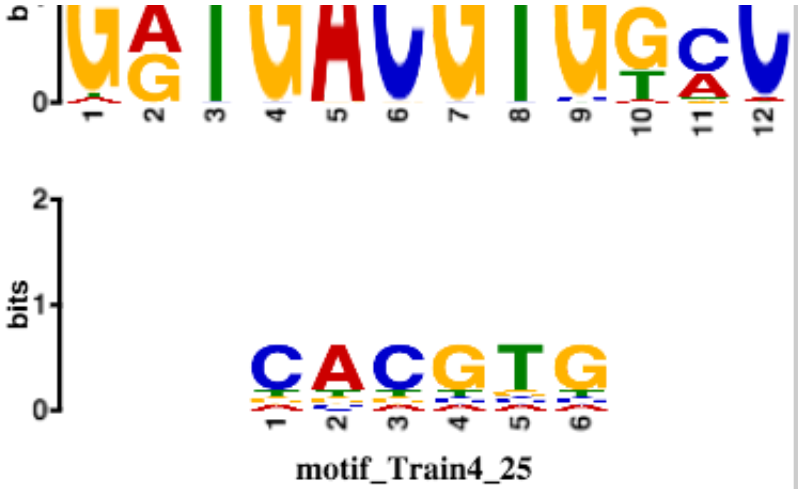
Summary

Alignment

Name	MA0097.1 (bZIP911)
Database	JASPAR CORE 2014

***p*-value**	6.98e-03
***E*-value**	6.83e+00
***q*-value**	1.65e-01
Overlap	6
Offset	3
Orientation	Normal

Show logo download options

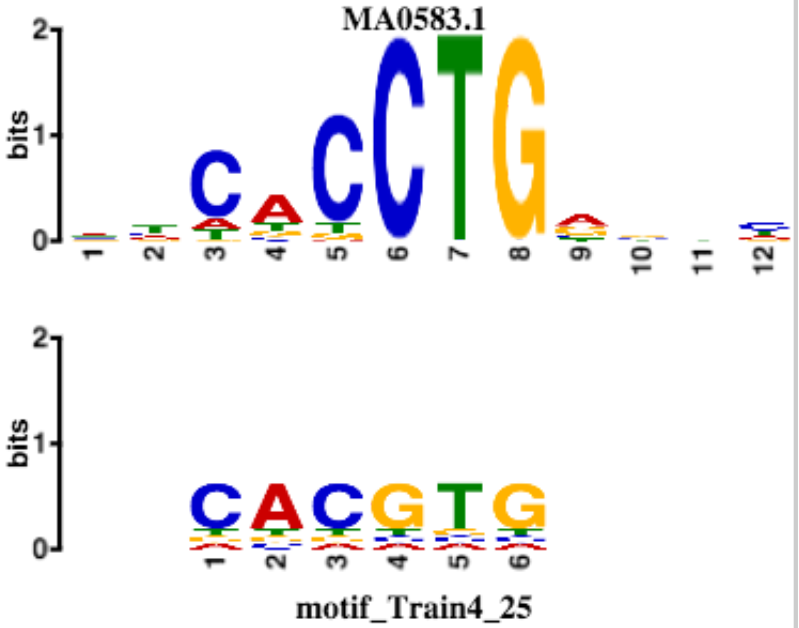


Summary

Name	MA0583.1 (RAV1)
Database	JASPAR CORE 2014
***p*-value**	7.68e-03
***E*-value**	7.52e+00
***q*-value**	1.77e-01
Overlap	6
Offset	2
Orientation	Normal

Show logo download options

Alignment

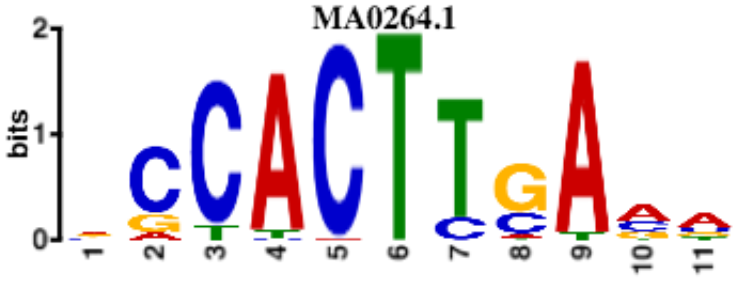


Summary

Name	MA0264.1 (ceh-22)
Database	JASPAR CORE 2014
***p*-value**	8.73e-03
***E*-value**	8.55e+00
***q*-value**	1.96e-01
Overlap	6
Offset	2
Orientation	Normal

Show logo download options

Alignment

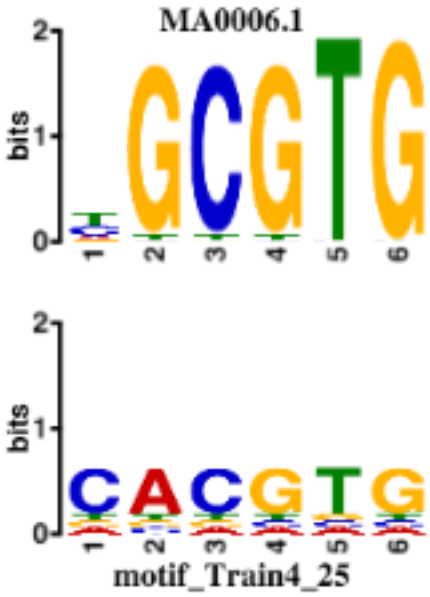


Summary

Name	MA0006.1 (Arnt::Ahr)
Database	JASPAR CORE 2014
***p*-value**	9.19e-03
***E*-value**	9.00e+00
***q*-value**	2.02e-01
Overlap	6
Offset	0
Orientation	Normal

Show logo download options

Alignment

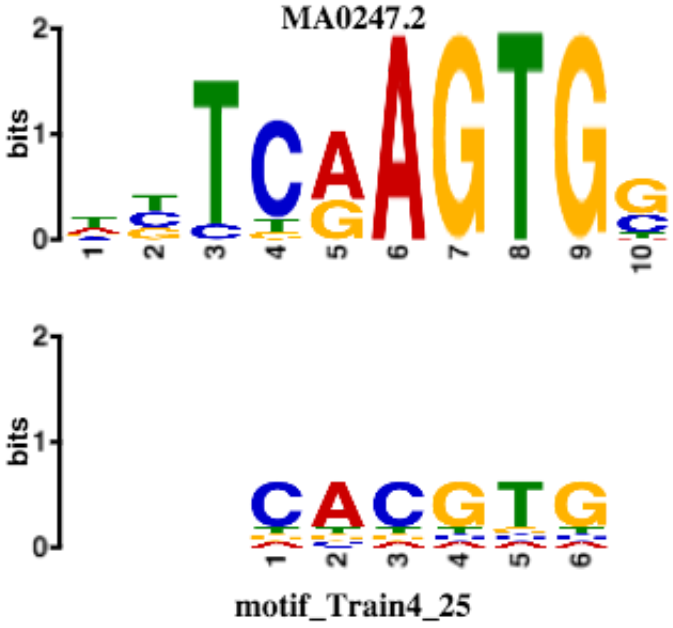


Summary

Name	MA0247.2 (tin)
Database	JASPAR CORE 2014
***p*-value**	9.43e-03
***E*-value**	9.23e+00
***q*-value**	2.02e-01
Overlap	6
Offset	3
Orientation	Normal

Show logo download options

Alignment



SETTINGS

Previous Next Top

Background

Name	Bg.				Bg.	Name
Adenine	0.250	A	~	T	0.250	Thymine
Cytosine	0.250	C	~	G	0.250	Guanine

Other Settings

Strand Handling	Motifs may be reverse complemented before comparison to find a better match.
Distance Measure	Pearson correlation coefficient
Match Threshold	Matches must have a E-value of 10 or smaller.

Previous Top

TOMTOM version
4.11.1 (Release date: Fri Jan 15 12:51:59 2016 -0800)

Reference
Shobhit Gupta, JA Stamatoyannopolous, Timothy Bailey and William Stafford Noble, "Quantifying similarity between motifs", *Genome Biology*, **8**(2):R24, 2007.

Command line

```
tomtom -no-ssc -oc . -verbosity 1 -min-overlap 5 -dist pearson -evalue -thresh 10.0 motif_group5.txt
```

Result calculation took 5.729 seconds