Tomtom

Motif Comparison Tool

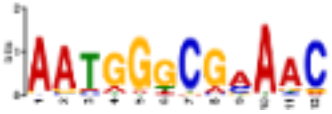
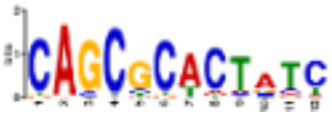
For further information on how to interpret these results or to get a copy of the MEME software please access http://meme.nbcr.net.

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 group7	motif_10_1	1-RTATAAAAASVS		9	MA0108 UP0002
motif group7	motif_Train1_19	22-GTCTTCAGGGAC		5	MA0154 MA0364
motif group7	motif_Train2_18	22-AATGGGCGAAAC		10	MA0502 UP0013
motif group7	motif_Train3_19	22-TGAAACGAGA		5	MA0393 MA0085
motif group7	motif_Train4_19	14-ACCATGGA		14	MA0138 MA0445
motif group7	motif_Train5_19	19-CAGCGCACTATC		9	MA0291 UP0014
motif group7	motif_Train6_1	1-GTATAAAARNNV		9	MA0108 MA0015
motif group7	motif_Train7_1	1-GTATAAAAAVVS		10	MA0108 UP0006
motif group7	motif_Train8_2	1-GTATAAAARSVG		6	MA0108 MA0296

motif group7	motif_Train9_19	20-GTAGGCTATGGT		6	UP0005(MA0511

Target Databases

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Database	Used	Matched
uniprobe mouse	386	24
JASPAR CORE 2014	593	35

Matches to motif_Train9_19 (20-GTAGGCTATGGT)

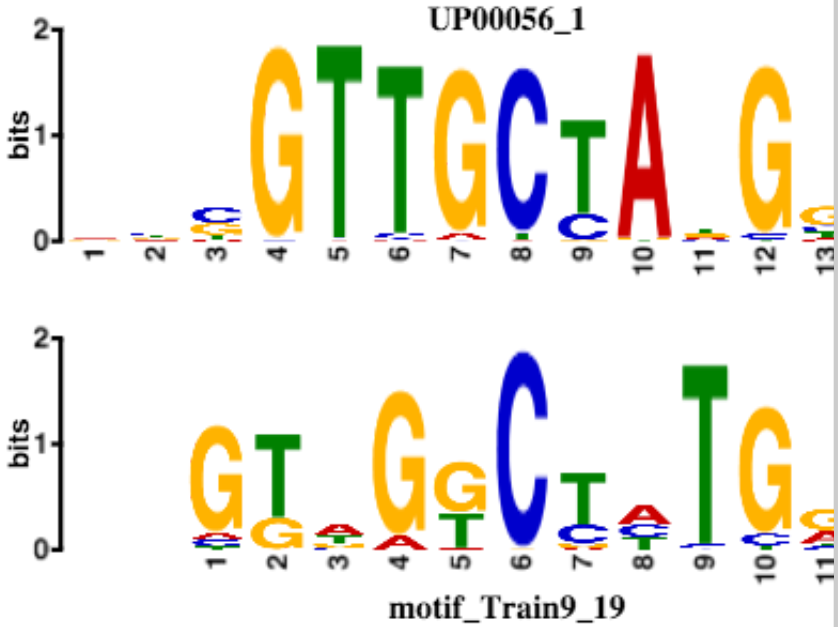
Previous Next Top

Summary

Name	UP00056_1 (Rfx4_primary)
Database	uniprobe mouse
***p*-value**	2.86e-03
***E*-value**	2.80e+00
***q*-value**	1.00e+00
Overlap	12
Offset	2
Orientation	Reverse Complement

Show logo download options

Alignment

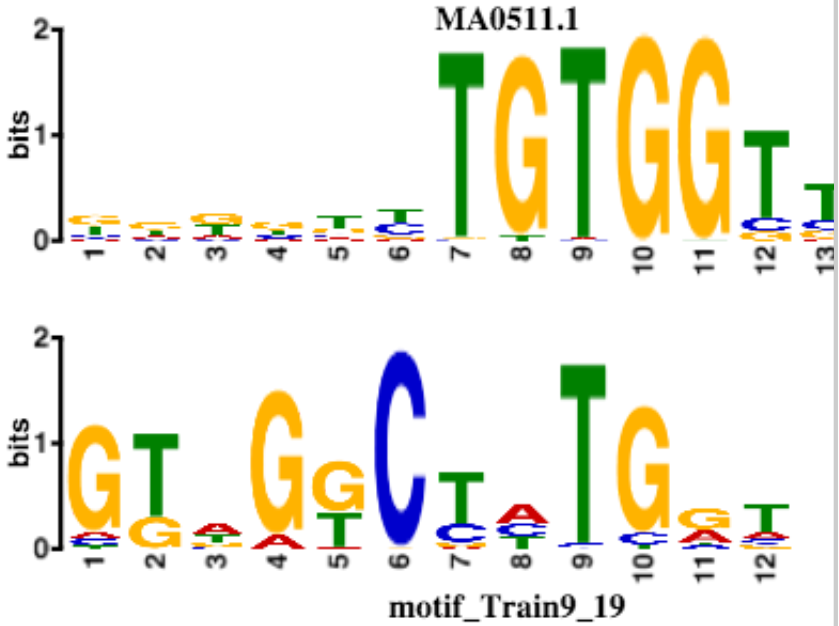


Summary

Name	MA0511.1 (RUNX2)
Database	JASPAR CORE 2014
***p*-value**	3.48e-03
***E*-value**	3.41e+00
***q*-value**	1.00e+00
Overlap	12
Offset	0
Orientation	Normal

Show logo download options

Alignment

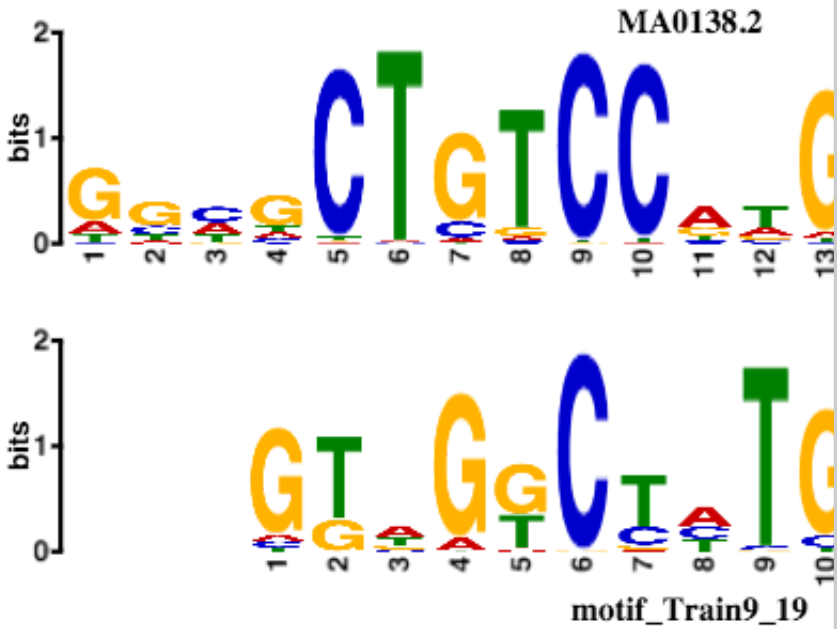


Summary

Name	MA0138.2 (REST)
Database	JASPAR CORE 2014
***p*-value**	3.57e-03
***E*-value**	3.49e+00
***q*-value**	1.00e+00
Overlap	12
Offset	3
Orientation	Reverse Complement

Show logo download options

Alignment

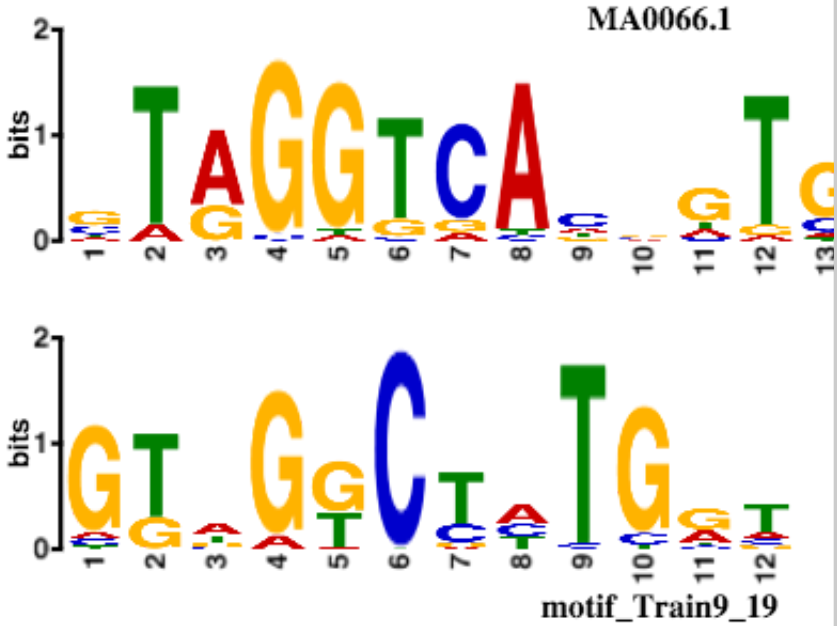


Summary

Name	MA0066.1 (PPARG)
Database	JASPAR CORE 2014
***p*-value**	5.84e-03
***E*-value**	5.72e+00
***q*-value**	1.00e+00
Overlap	12
Offset	0
Orientation	Normal

Show logo download options

Alignment

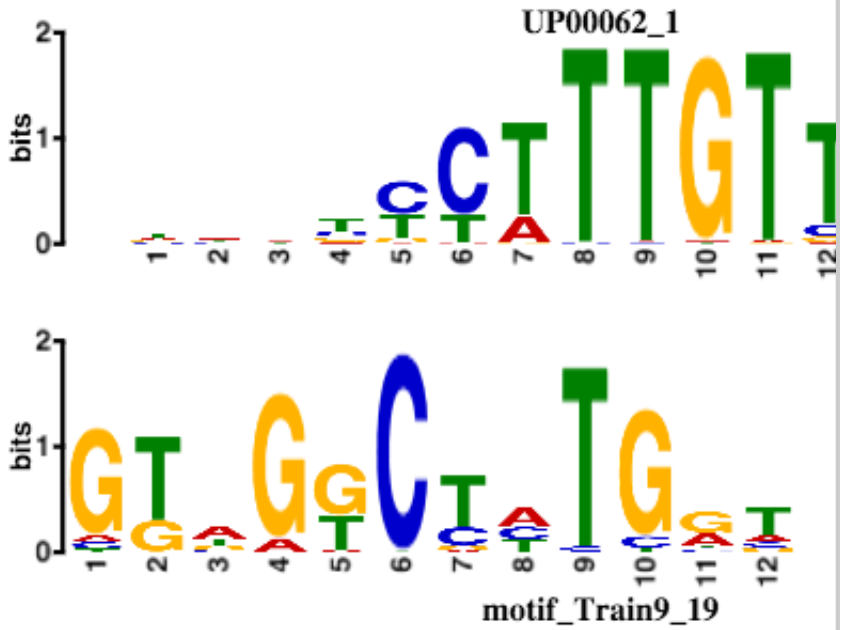


Summary

Name	UP00062_1 (Sox4_primary)
Database	uniprobe mouse
***p*-value**	7.63e-03
***E*-value**	7.47e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Reverse Complement

Alignment

Show logo download options

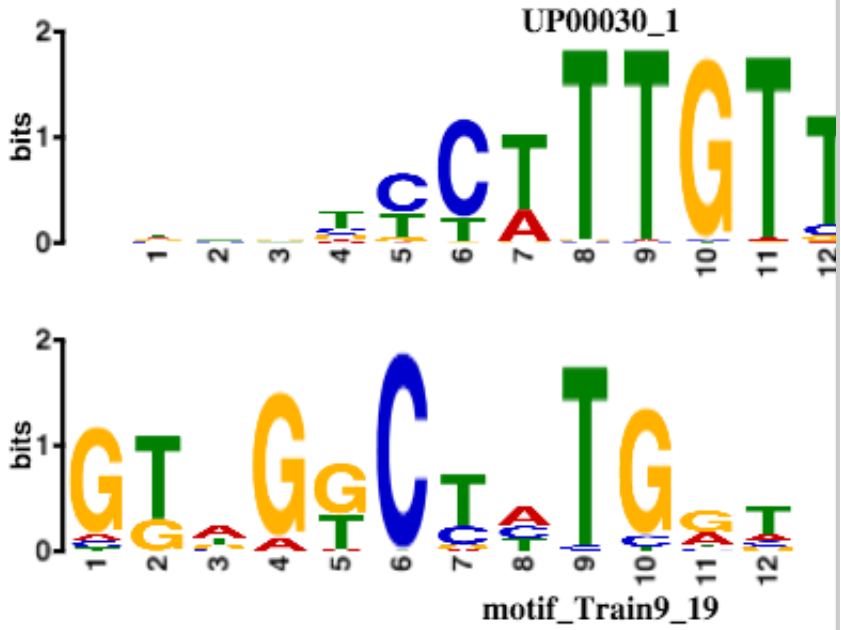


Summary

Name	UP00030_1 (Sox11_primary)
Database	uniprobe mouse
***p*-value**	9.16e-03
***E*-value**	8.97e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment



MATCHES TO MOTIF_TRAIN5_19 (19-CAGCGCACTATC)

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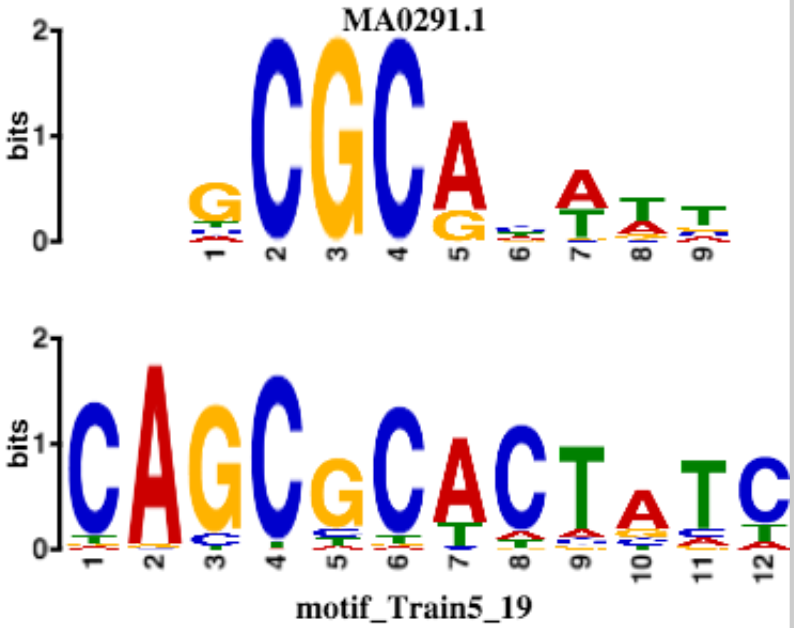
Summary

Name	MA0291.1 (DAL82)
Database	JASPAR CORE 2014
***p*-value**	1.85e-04
***E*-value**	1.81e-01
***q*-value**	3.62e-01
Overlap	9

Alignment

Offset	-2
Orientation	Reverse Complement

Show logo download options

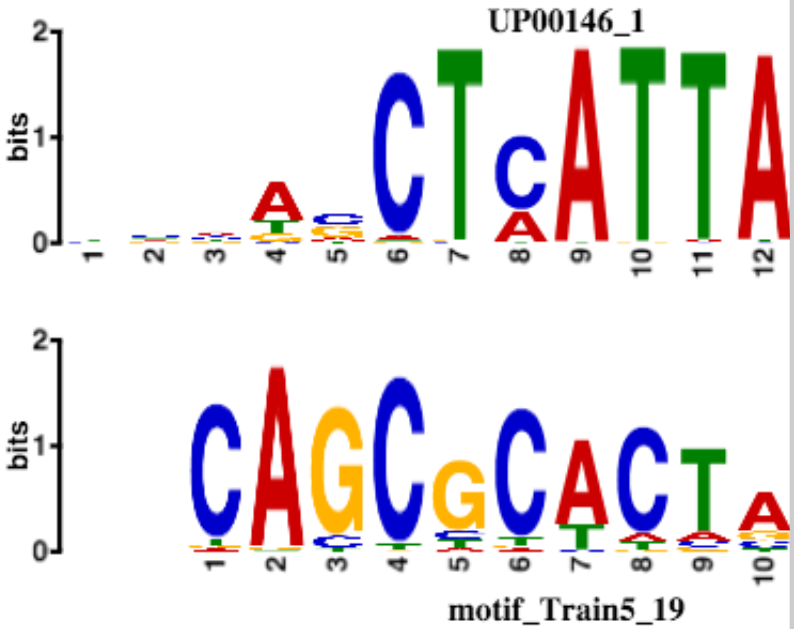


Summary

Name	UP00146_1 (Pou6f1_1731.2)
Database	uniprobe mouse
***p*-value**	1.51e-03
***E*-value**	1.48e+00
***q*-value**	1.00e+00
Overlap	12
Offset	2
Orientation	Reverse Complement

Show logo download options

Alignment

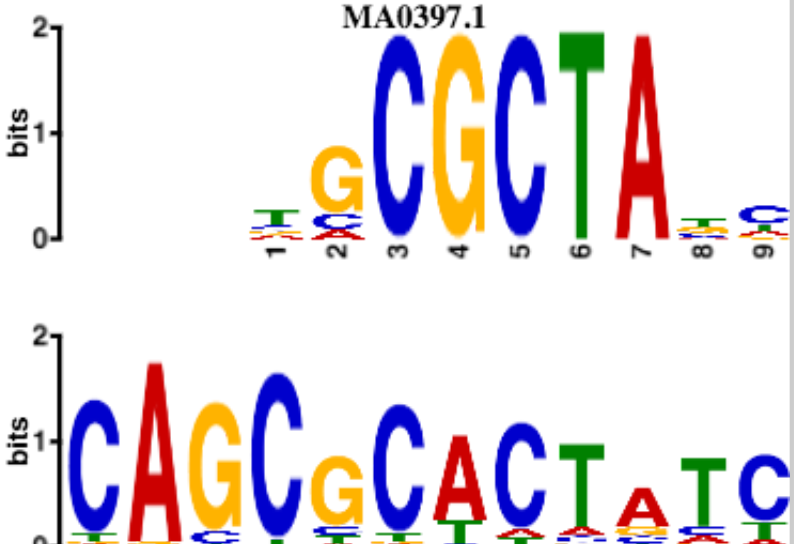


Summary

Name	MA0397.1 (STP4)
Database	JASPAR CORE 2014
***p*-value**	4.99e-03
***E*-value**	4.89e+00
***q*-value**	1.00e+00
Overlap	9
Offset	-3
Orientation	Reverse Complement

Show logo download options

Alignment

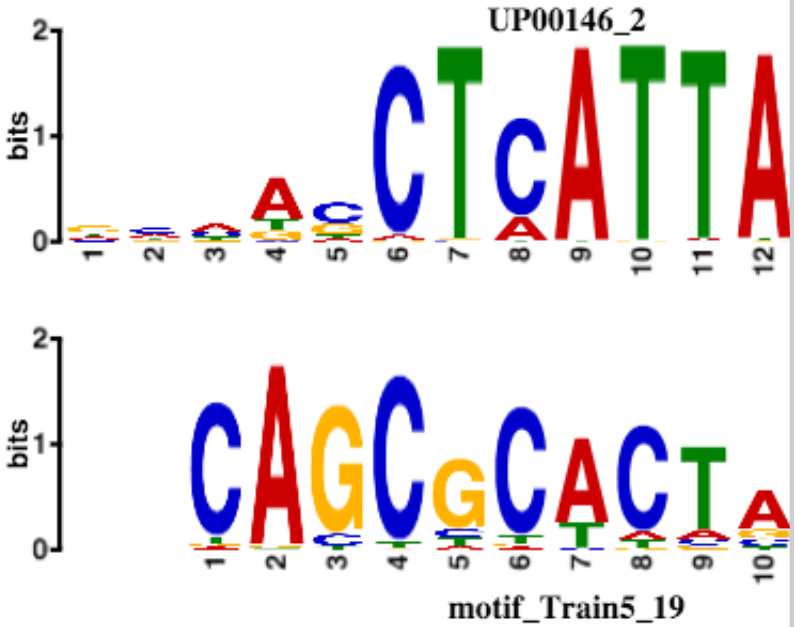


Summary

Name	UP00146_2 (Pou6f1_3733.1)
Database	uniprobe mouse
***p*-value**	6.23e-03
***E*-value**	6.10e+00
***q*-value**	1.00e+00
Overlap	12
Offset	2
Orientation	Reverse Complement

Show logo download options

Alignment



Summary

Name	UP00099_2 (Ascl2_secondary)
Database	uniprobe mouse
***p*-value**	8.05e-03
***E*-value**	7.88e+00
***q*-value**	1.00e+00
Overlap	12
Offset	4
Orientation	Normal

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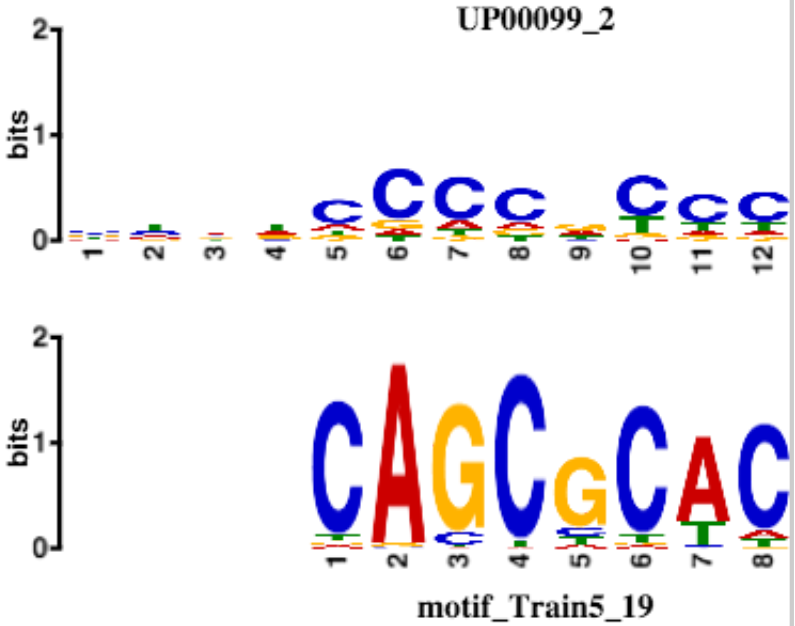
Alignment



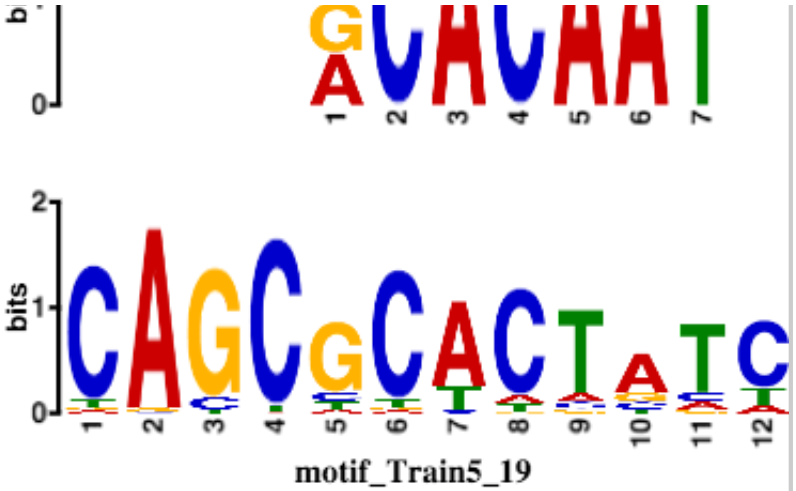
Summary

Name	MA0327.1 (MATA1)
Database	JASPAR CORE 2014

Alignment

***p*-value**	8.52e-03
***E*-value**	8.34e+00
***q*-value**	1.00e+00
Overlap	7
Offset	-4
Orientation	Normal

Show logo download options

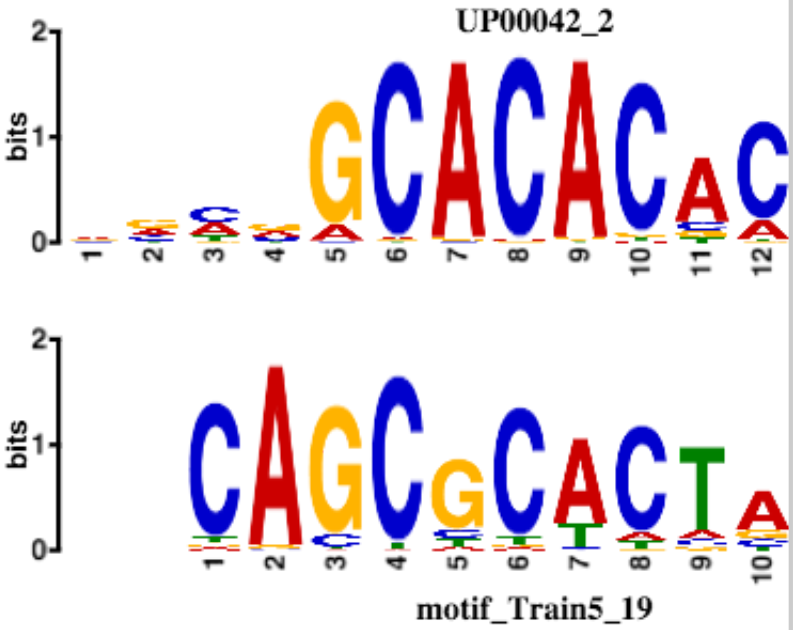


Summary

Name	UP00042_2 (Gm397_secondary)
Database	uniprobe mouse
***p*-value**	8.73e-03
***E*-value**	8.54e+00
***q*-value**	1.00e+00
Overlap	12
Offset	2
Orientation	Normal

Show logo download options

Alignment

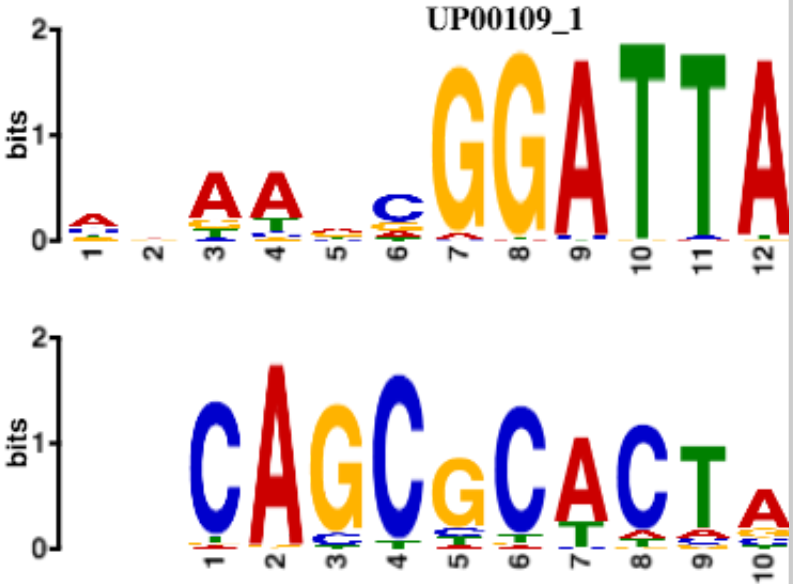


Summary

Name	UP00109_1 (Obox6_3440.2)
Database	uniprobe mouse
***p*-value**	8.95e-03
***E*-value**	8.77e+00
***q*-value**	1.00e+00
Overlap	12
Offset	2
Orientation	Normal

Show logo download options

Alignment



motif_Train5_19

Summary

Name	MA0298.1 (FZF1)
Database	JASPAR CORE 2014
***p*-value**	9.71e-03
***E*-value**	9.50e+00
***q*-value**	1.00e+00
Overlap	5
Offset	-7
Orientation	Normal

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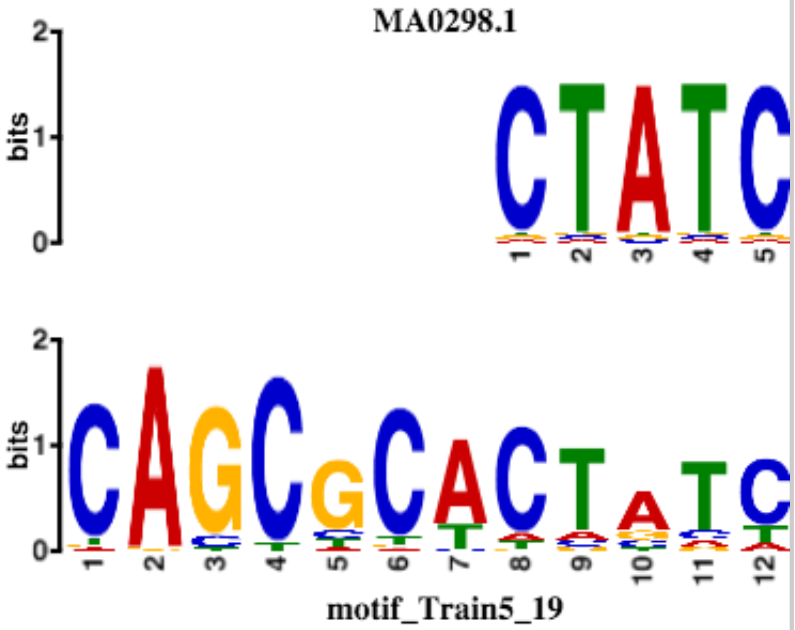
Alignment



MATCHES TO MOTIF_TRAIN1_19 (22-GTCTTCAGGGAC)

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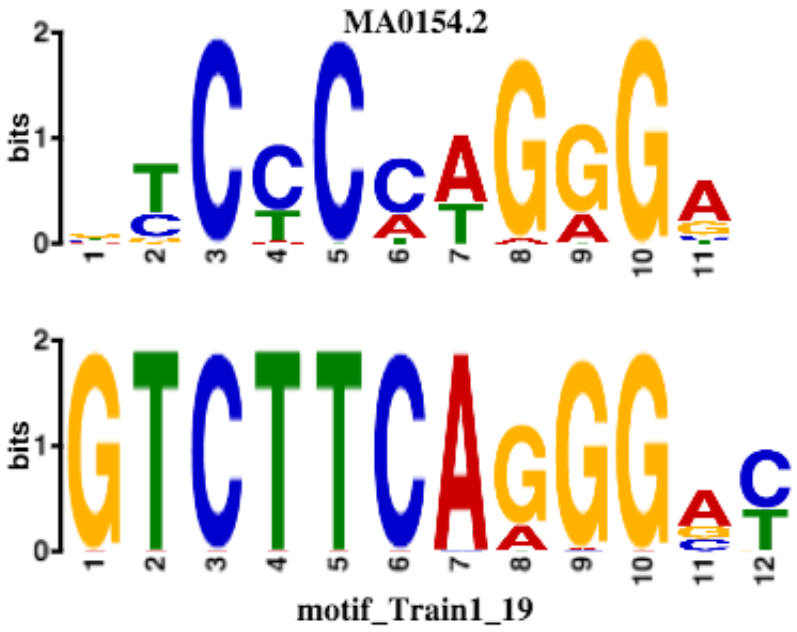
Summary

Name	MA0154.2 (EBF1)
Database	JASPAR CORE 2014
***p*-value**	8.44e-05
***E*-value**	8.27e-02
***q*-value**	1.65e-01
Overlap	11
Offset	0
Orientation	Normal

Show logo download options

Alignment



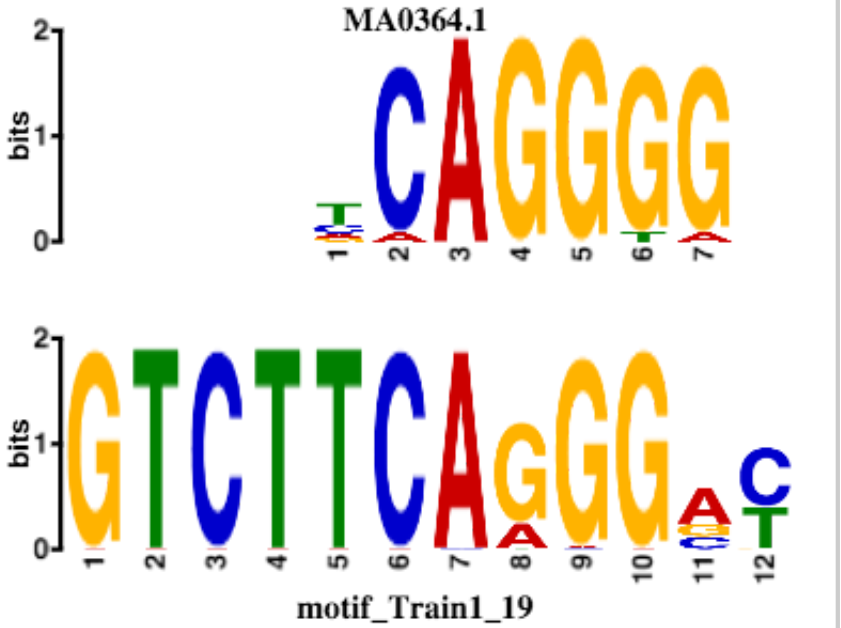
Summary

Name	MA0364.1 (REI1)
Database	JASPAR CORE 2014
***p*-value**	1.40e-03
***E*-value**	1.37e+00

Alignment

***q*-value**	1.00e+00
Overlap	7
Offset	-4
Orientation	Reverse Complement

Show logo download options

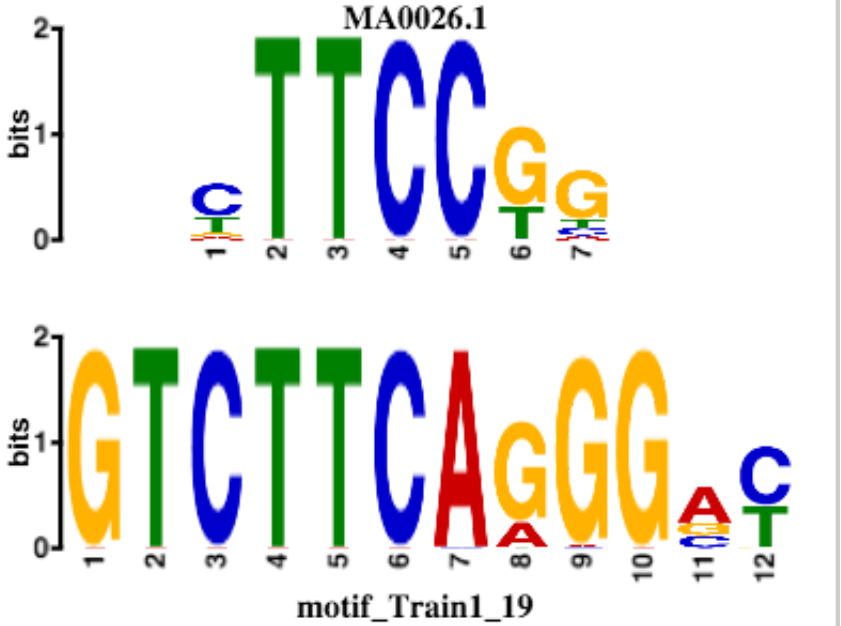


Summary

Name	MA0026.1 (Eip74EF)
Database	JASPAR CORE 2014
***p*-value**	3.87e-03
***E*-value**	3.79e+00
***q*-value**	1.00e+00
Overlap	7
Offset	-2
Orientation	Reverse Complement

Show logo download options

Alignment

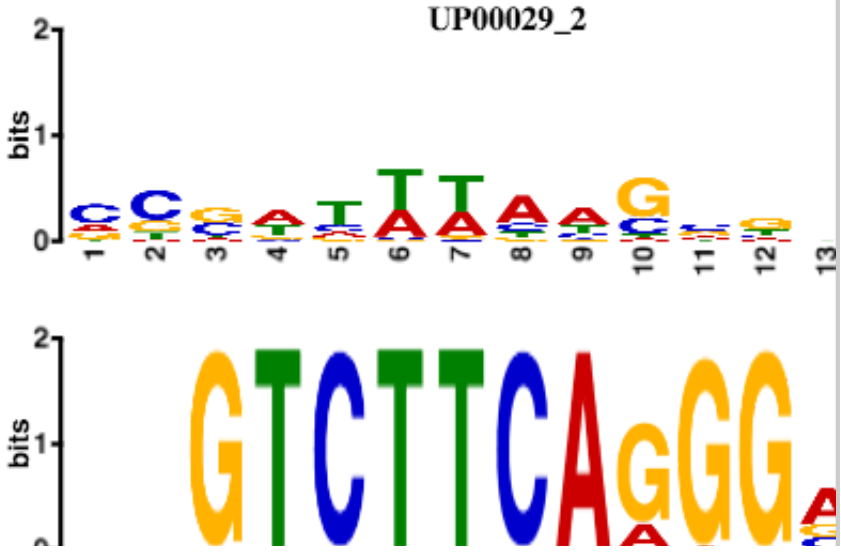


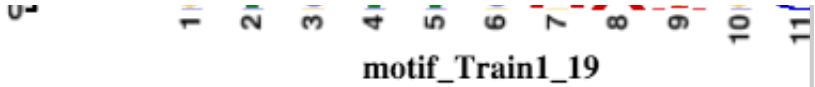
Summary

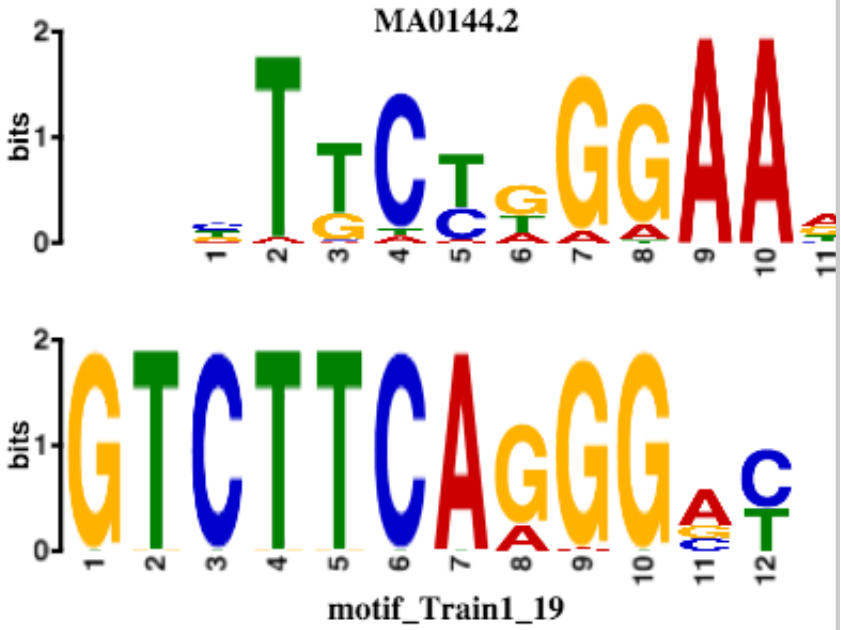
Name	UP00029_2 (Tbp_secondary)
Database	uniprobe mouse
***p*-value**	8.21e-03
***E*-value**	8.04e+00
***q*-value**	1.00e+00
Overlap	12
Offset	2
Orientation	Normal

Show logo download options

Alignment

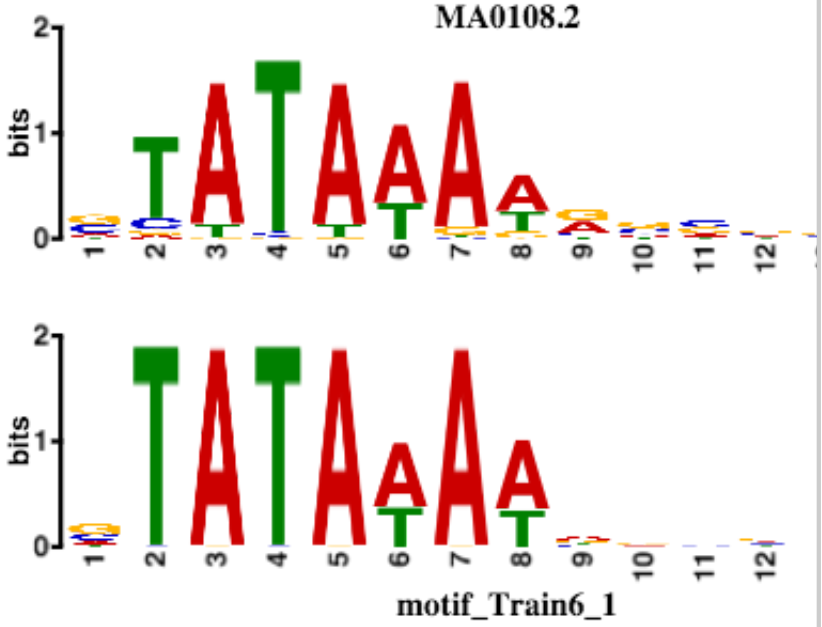




Summary		Alignment
Name	MA0144.2 (STAT3)	
Database	JASPAR CORE 2014	
***p*-value**	9.00e-03	
***E*-value**	8.81e+00	
***q*-value**	1.00e+00	
Overlap	10	
Offset	-2	
Orientation	Normal	
Show logo download options		

MATCHES TO MOTIF_TRAIN6_1 (1-GTATAAAARNNV)

Previous Next Top

Summary		Alignment
Name	MA0108.2 (TBP)	
Database	JASPAR CORE 2014	
***p*-value**	4.89e-14	
***E*-value**	4.79e-11	
***q*-value**	9.58e-11	
Overlap	12	
Offset	0	
Orientation	Normal	
Show logo download options		

Summary		Alignment
Name	MA0015.1	

	(Cf2_II)
Database	JASPAR CORE 2014
***p*-value**	1.14e-03
***E*-value**	1.12e+00
***q*-value**	1.00e+00
Overlap	10
Offset	0
Orientation	Normal

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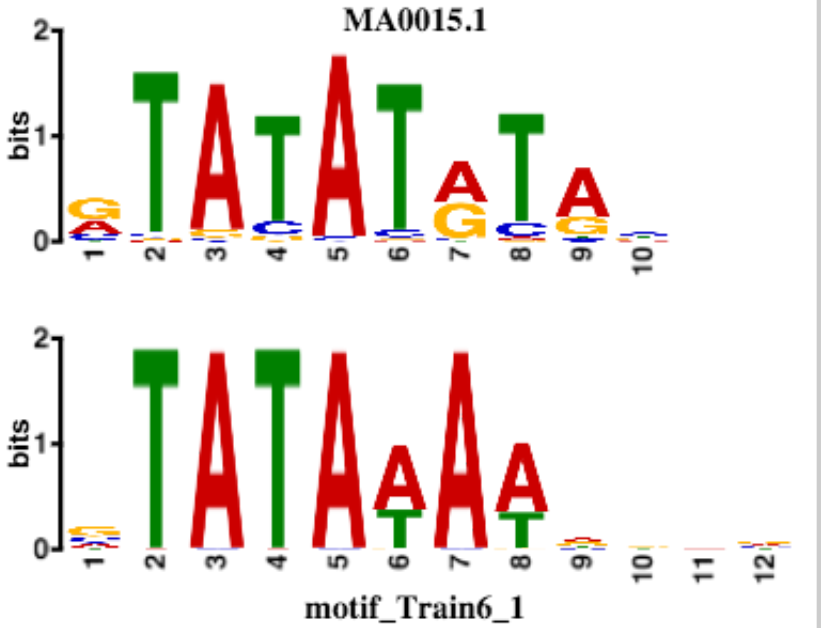
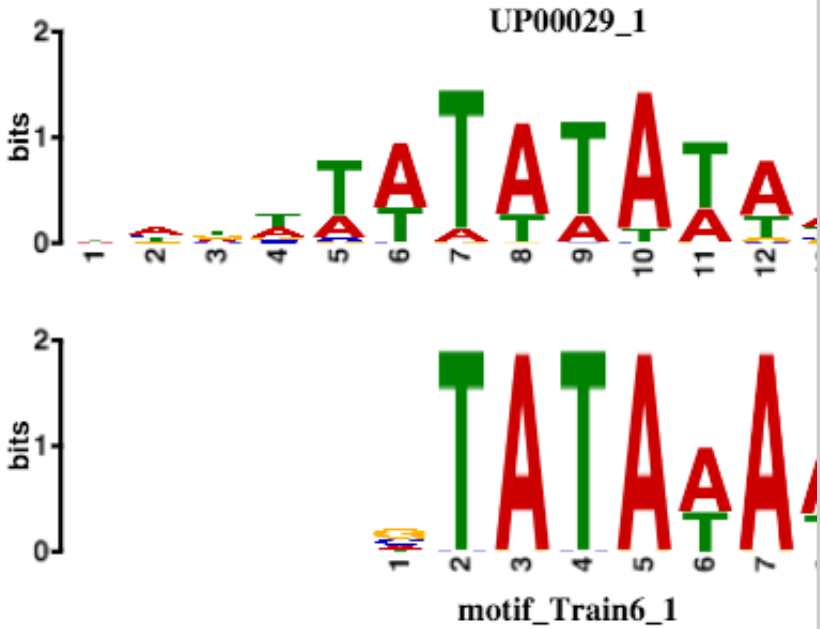


Summary

Name	UP00029_1 (Tbp_primary)
Database	uniprobe mouse
***p*-value**	4.87e-03
***E*-value**	4.77e+00
***q*-value**	1.00e+00
Overlap	11
Offset	5
Orientation	Reverse Complement

Show logo download options

Alignment

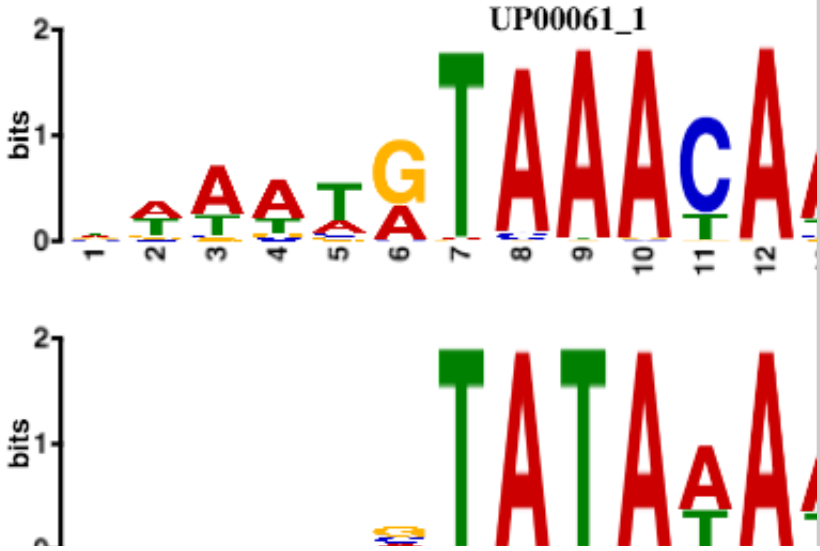


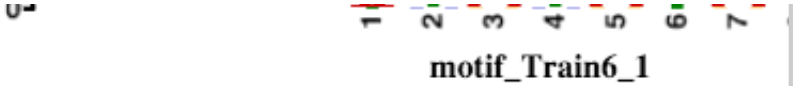
Summary

Name	UP00061_1 (Foxl1_primary)
Database	uniprobe mouse
***p*-value**	4.91e-03
***E*-value**	4.81e+00
***q*-value**	1.00e+00
Overlap	12
Offset	5
Orientation	Normal

Show logo download options

Alignment



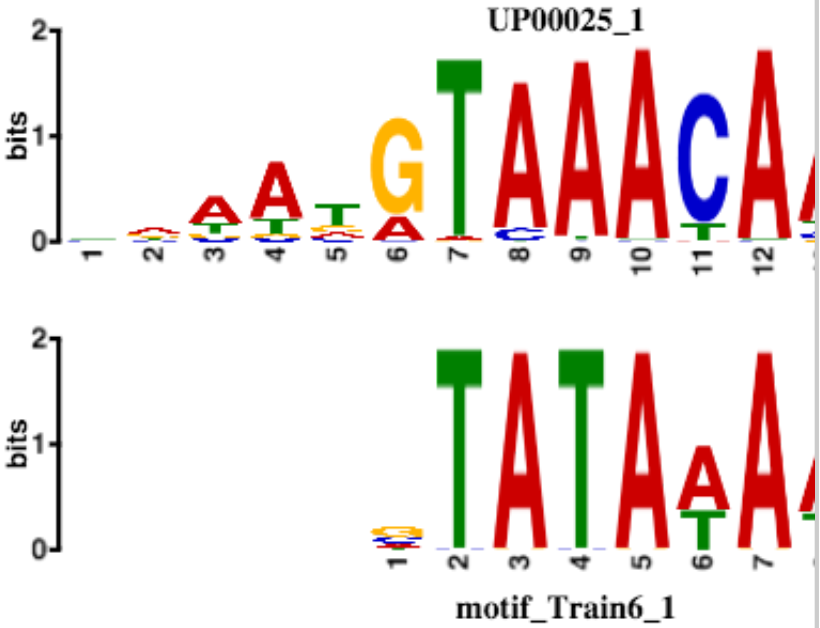


Summary

Name	UP00025_1 (Foxk1_primary)
Database	uniprobe mouse
***p*-value**	6.01e-03
***E*-value**	5.89e+00
***q*-value**	1.00e+00
Overlap	12
Offset	5
Orientation	Normal

Show logo download options

Alignment

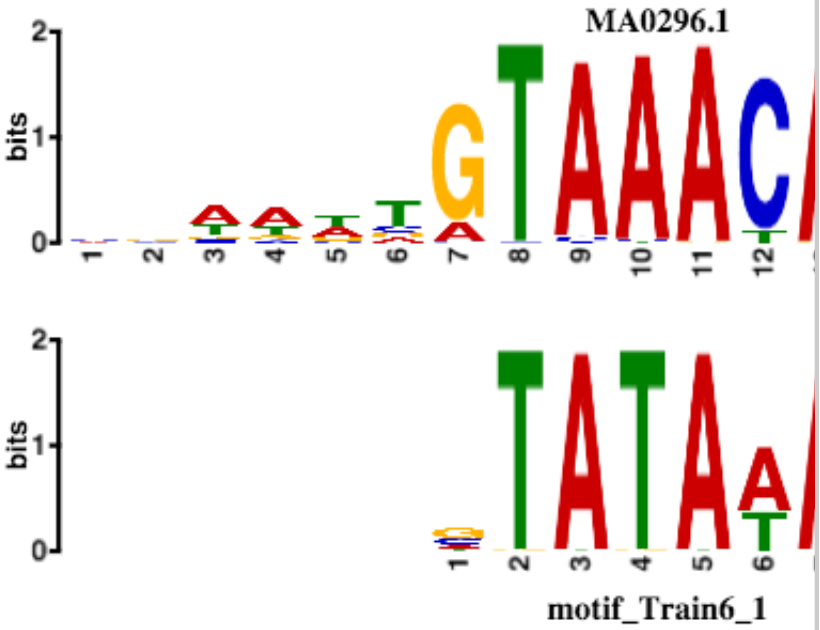


Summary

Name	MA0296.1 (FKH1)
Database	JASPAR CORE 2014
***p*-value**	6.02e-03
***E*-value**	5.90e+00
***q*-value**	1.00e+00
Overlap	12
Offset	6
Orientation	Normal

Show logo download options

Alignment



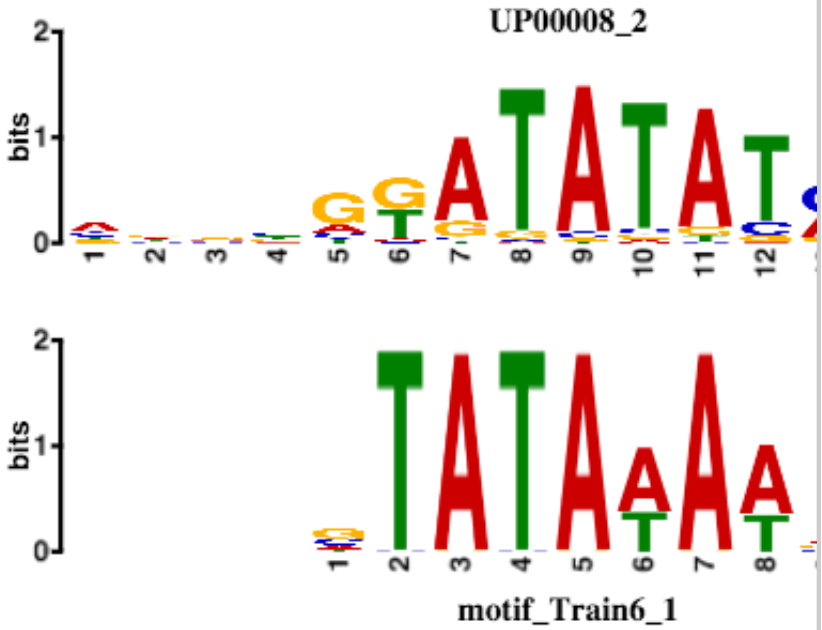
Summary

Name	UP00008_2 (Six6_secondary)
Database	uniprobe mouse
***p*-value**	6.42e-03
***E*-value**	6.29e+00
***q*-value**	1.00e+00
Overlap	12

Alignment

Offset	4
Orientation	Reverse Complement

Show logo download options

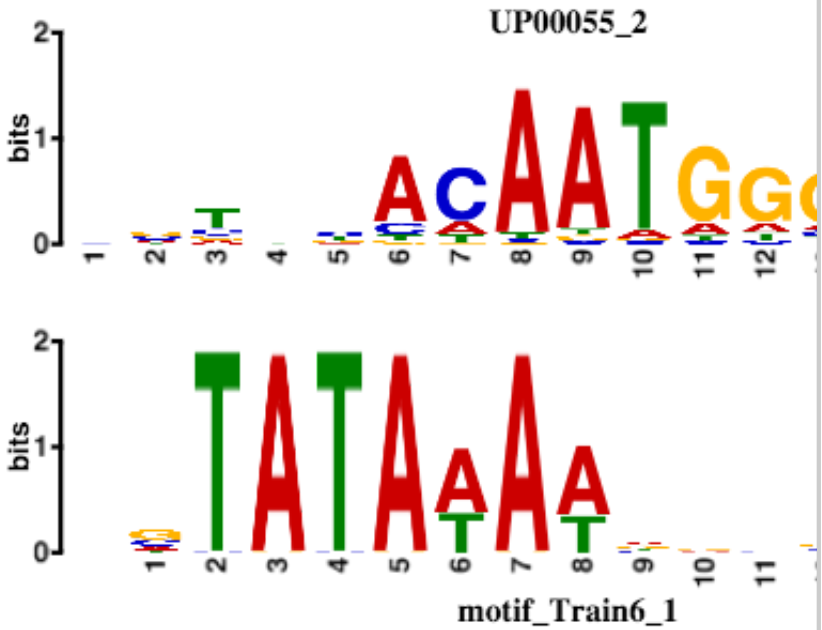


Summary

Name	UP00055_2 (Hbp1_secondary)
Database	uniprobe mouse
***p*-value**	7.82e-03
***E*-value**	7.66e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Reverse Complement

Show logo download options

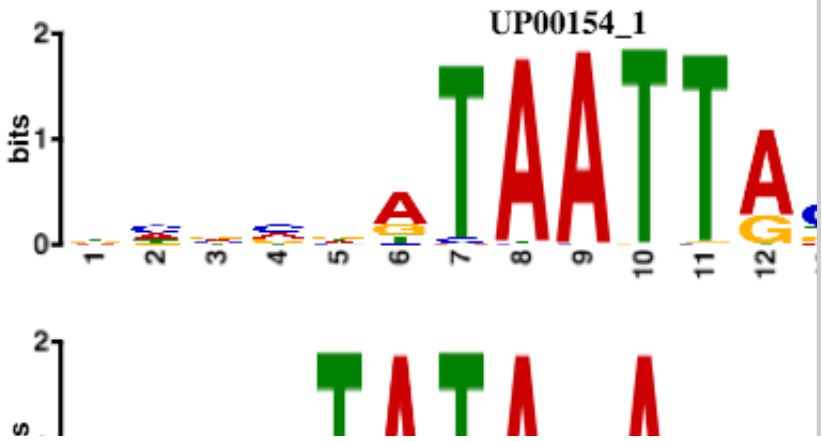
Alignment



Summary

Name	UP00154_1 (Dlx3_1030.1)
Database	uniprobe mouse
***p*-value**	9.48e-03
***E*-value**	9.28e+00
***q*-value**	1.00e+00
Overlap	12
Offset	3

Alignment



Orientation	Normal

Show logo download options

MATCHES TO MOTIF_TRAIN2_18 (22-AATGGGCGAAAC)

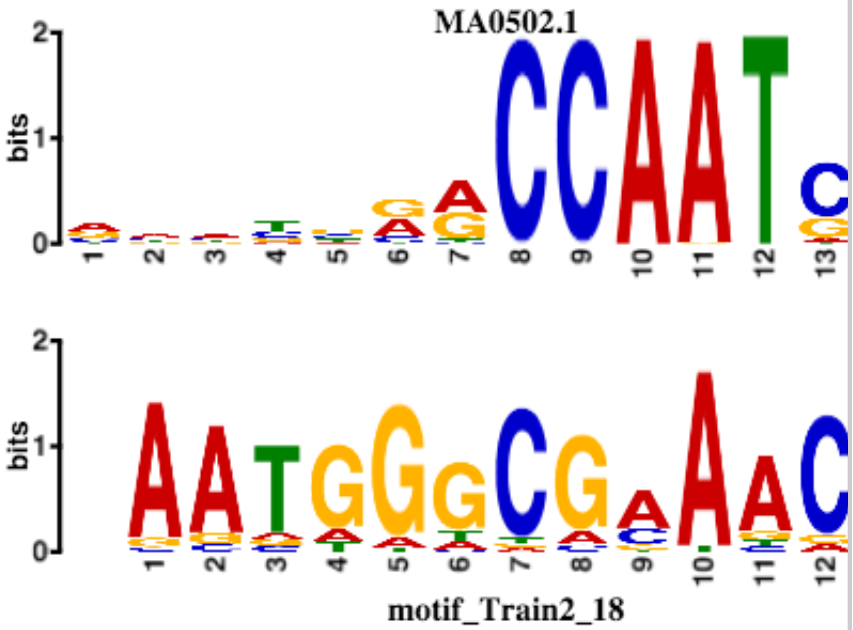
Previous Next Top

Summary

Name	MA0502.1 (NFYB)
Database	JASPAR CORE 2014
***p*-value**	1.27e-03
***E*-value**	1.24e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Normal

Show logo download options

Alignment

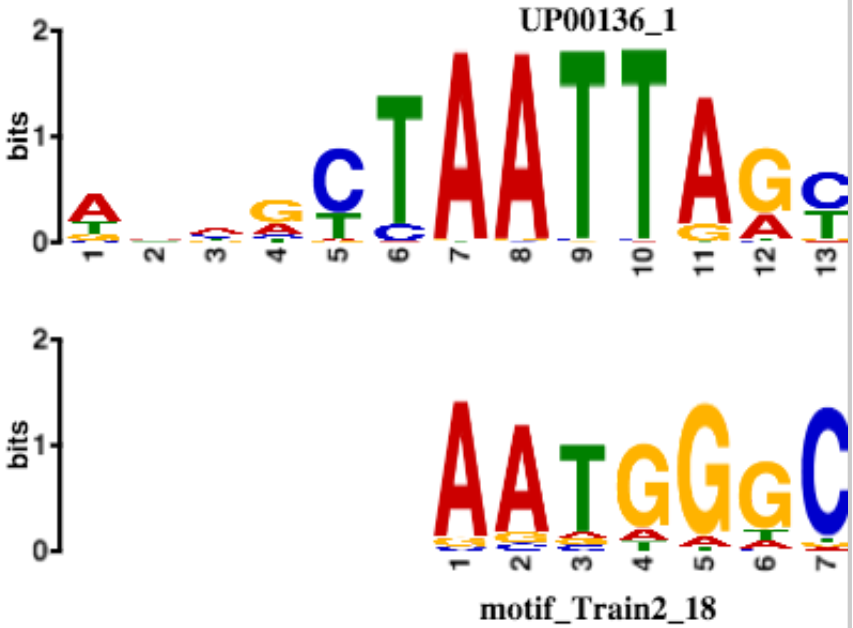


Summary

Name	UP00136_1 (Prrx2_3072.1)
Database	uniprobe mouse
***p*-value**	2.40e-03
***E*-value**	2.35e+00
***q*-value**	1.00e+00
Overlap	11
Offset	6
Orientation	Normal

Show logo download options

Alignment



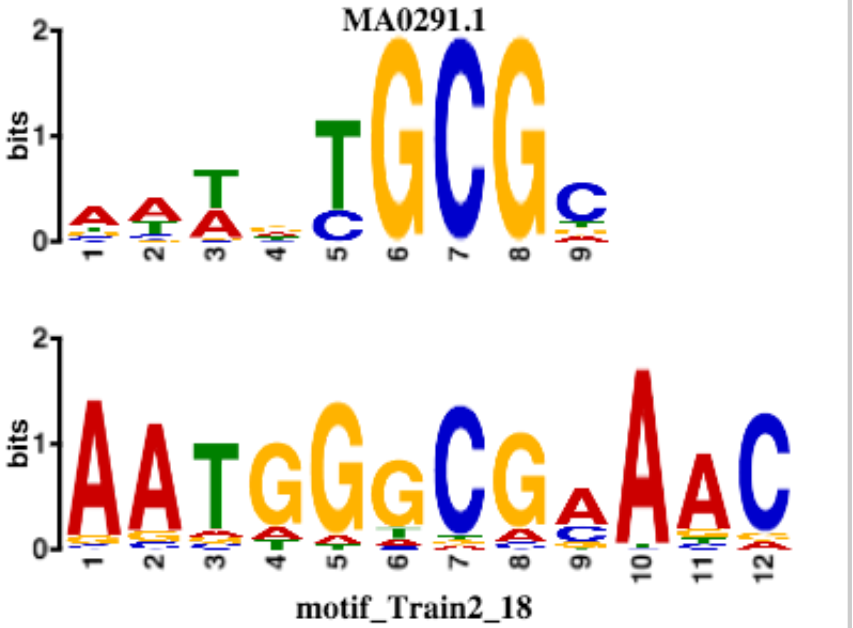
Summary

Name	MA0291.1 (DAL82)
	JASPAR CORE

Alignment

Database	2014
***p*-value**	3.31e-03
***E*-value**	3.24e+00
***q*-value**	1.00e+00
Overlap	9
Offset	0
Orientation	Normal

Show logo download options



Summary

Name	MA0443.1 (btd)
Database	JASPAR CORE 2014
***p*-value**	3.41e-03
***E*-value**	3.34e+00
***q*-value**	1.00e+00
Overlap	10
Offset	0
Orientation	Normal

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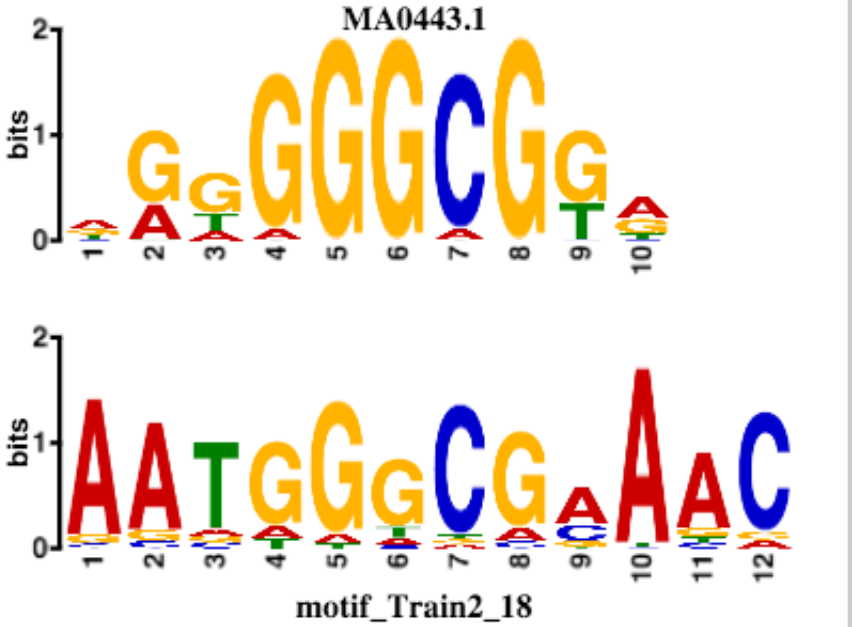
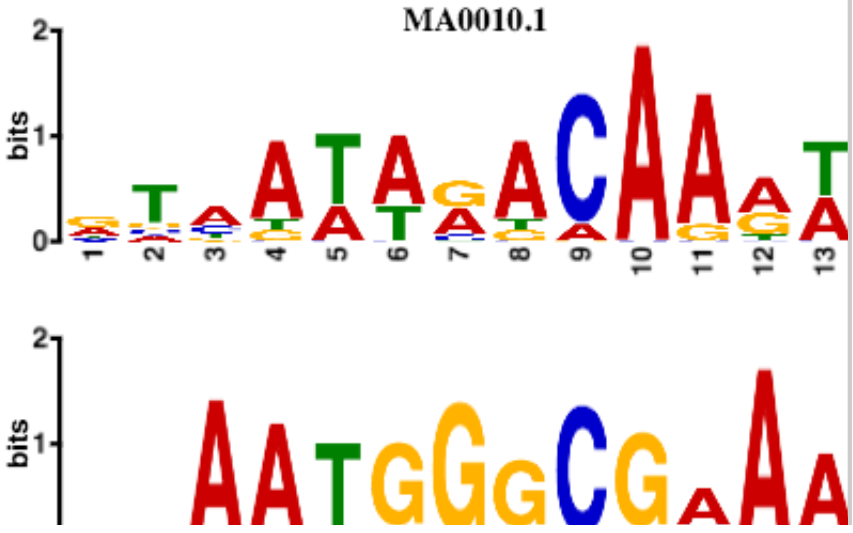
Alignment



Summary

Name	MA0010.1 (br_Z1)
Database	JASPAR CORE 2014
***p*-value**	5.11e-03
***E*-value**	5.00e+00
***q*-value**	1.00e+00
Overlap	12
Offset	2
Orientation	Normal

Alignment



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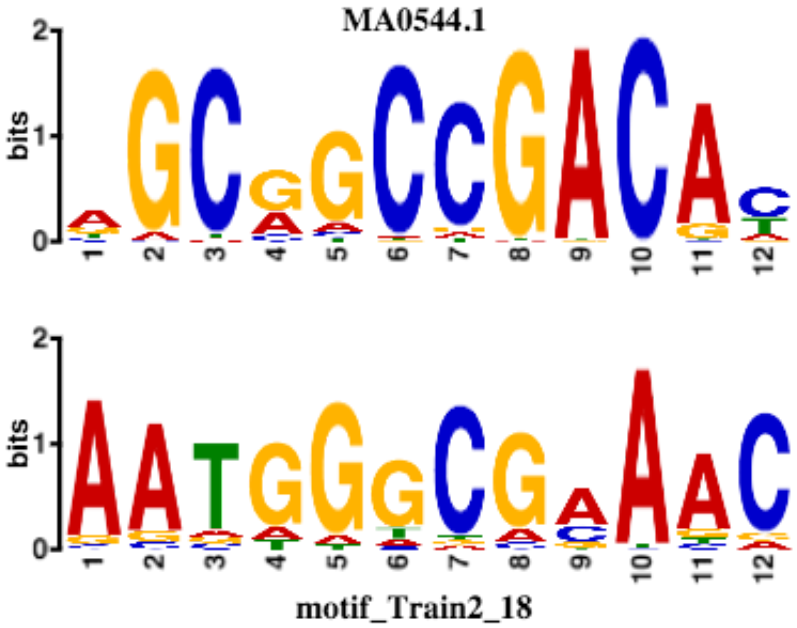
Summary

Name	MA0544.1 (GEI-11)
Database	JASPAR CORE 2014
***p*-value**	5.18e-03
***E*-value**	5.07e+00
***q*-value**	1.00e+00
Overlap	12
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment

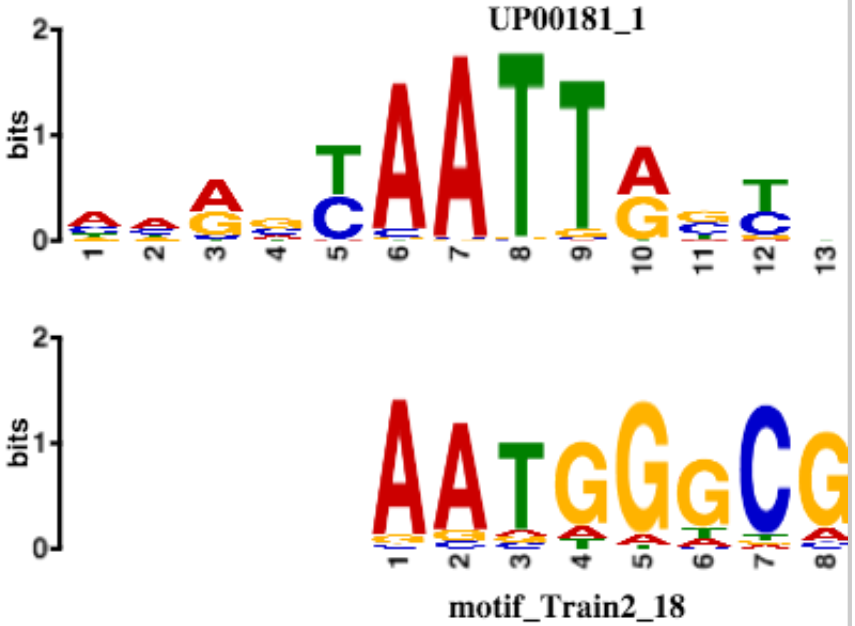


Summary

Name	UP00181_1 (Barx1_2877.1)
Database	uniprobe mouse
***p*-value**	7.11e-03
***E*-value**	6.96e+00
***q*-value**	1.00e+00
Overlap	11
Offset	5
Orientation	Normal

Show logo download options

Alignment



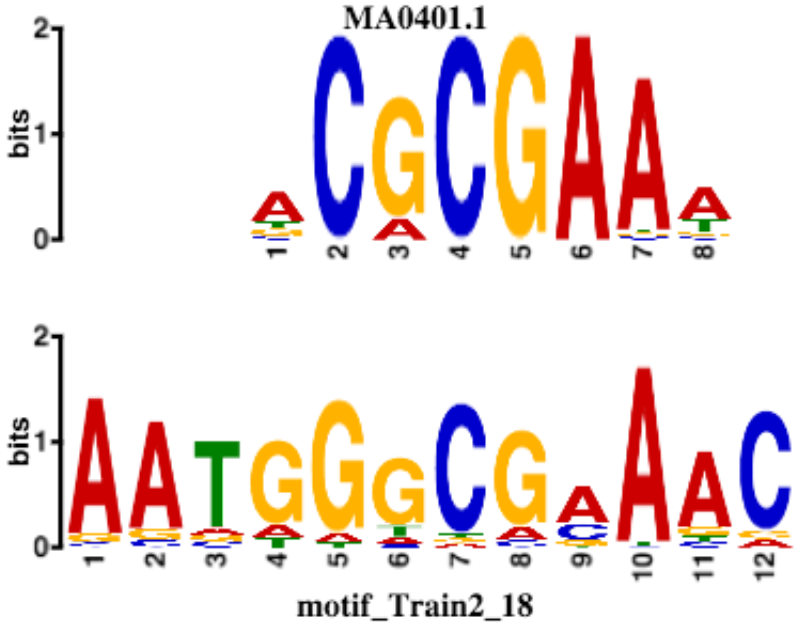
Summary

Name	MA0401.1 (SWI4)
Database	JASPAR CORE 2014
***p*-value**	8.81e-03
***E*-value**	8.63e+00
***q*-value**	1.00e+00

Alignment

Overlap	8
Offset	-3
Orientation	Normal

Show logo download options

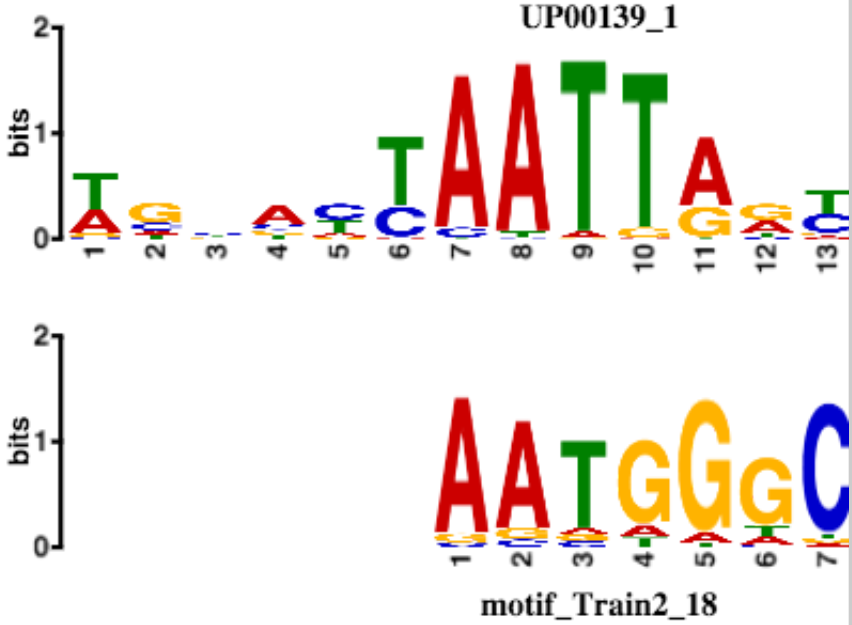


Summary

Name	UP00139_1 (Nkx1-2_3214.1)
Database	uniprobe mouse
***p*-value**	9.76e-03
***E*-value**	9.55e+00
***q*-value**	1.00e+00
Overlap	11
Offset	6
Orientation	Reverse Complement

Show logo download options

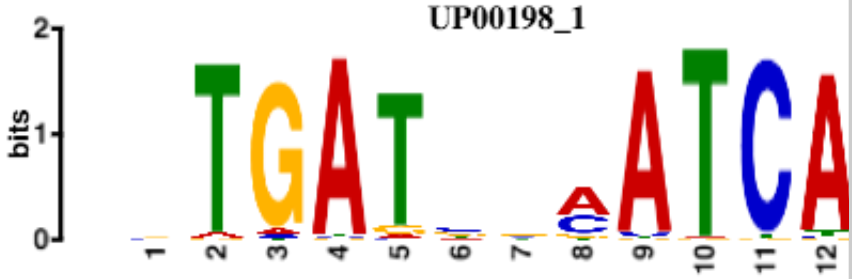
Alignment



Summary

Name	UP00198_1 (Cphx_3484.1)
Database	uniprobe mouse
***p*-value**	1.02e-02
***E*-value**	9.95e+00
***q*-value**	1.00e+00

Alignment



***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Normal

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MATCHES TO MOTIF_TRAIN7_1 (1-GTATAAAAAVVS)

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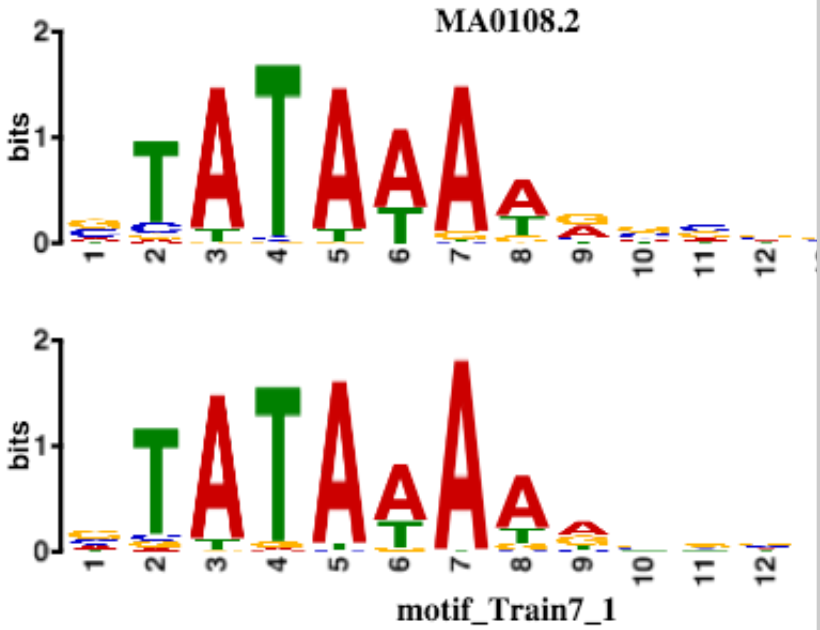
Summary

Name	MA0108.2 (TBP)
Database	JASPAR CORE 2014
***p*-value**	8.15e-10
***E*-value**	7.98e-07
***q*-value**	1.60e-06
Overlap	12
Offset	0
Orientation	Normal

Show logo download options

Alignment

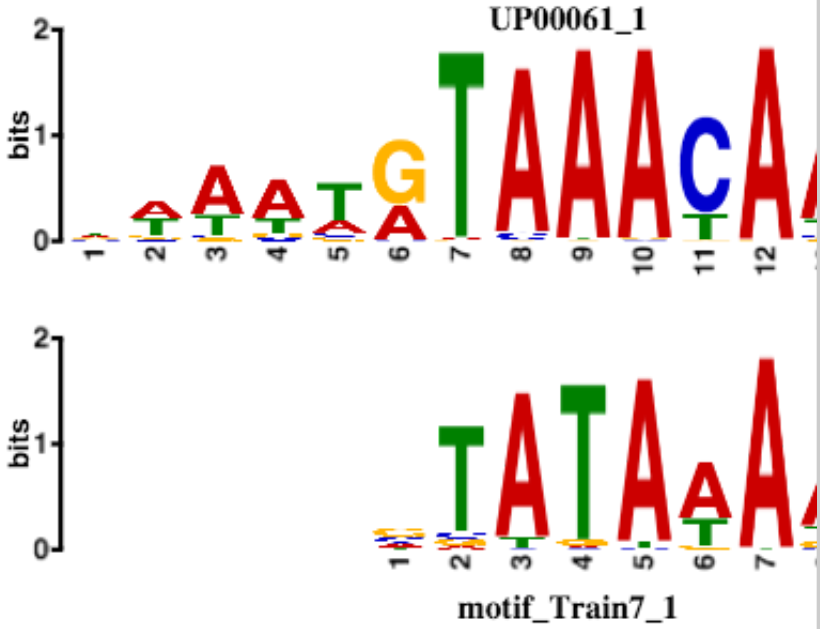


Summary

Name	UP00061_1 (Foxl1_primary)
Database	uniprobe mouse
***p*-value**	1.87e-03
***E*-value**	1.83e+00
***q*-value**	1.00e+00
Overlap	12
Offset	5
Orientation	Normal

Show logo download options

Alignment

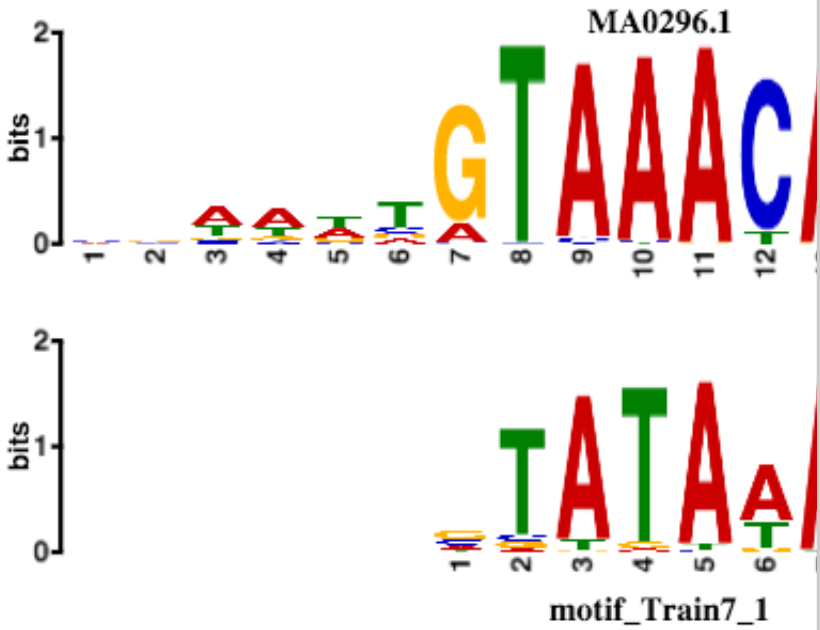


Summary

Alignment

Name	MA0296.1 (FKH1)
Database	JASPAR CORE 2014
***p*-value**	2.84e-03
***E*-value**	2.78e+00
***q*-value**	1.00e+00
Overlap	12
Offset	6
Orientation	Normal

Show logo download options



Summary **Alignment**

Name	UP00025_1 (Foxk1_primary)
Database	uniprobe mouse
***p*-value**	3.49e-03
***E*-value**	3.42e+00
***q*-value**	1.00e+00
Overlap	12
Offset	5
Orientation	Normal

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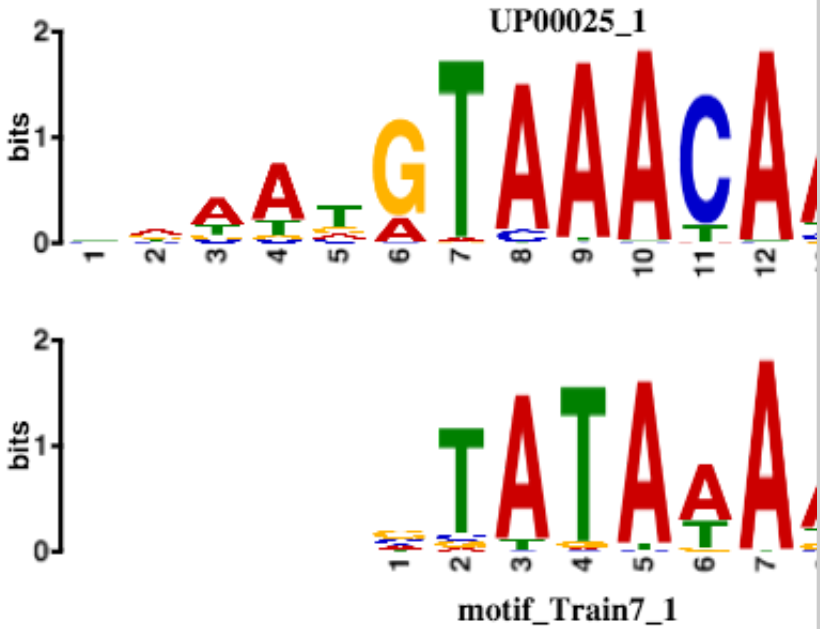

Summary **Alignment**

Name	UP00055_2 (Hbp1_secondary)
Database	uniprobe mouse
***p*-value**	3.49e-03
***E*-value**	3.42e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Reverse Complement

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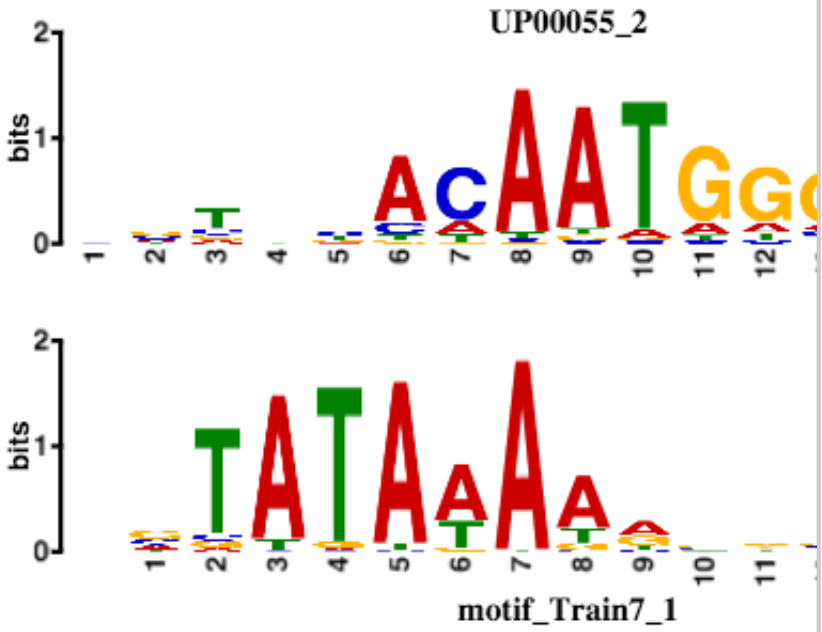
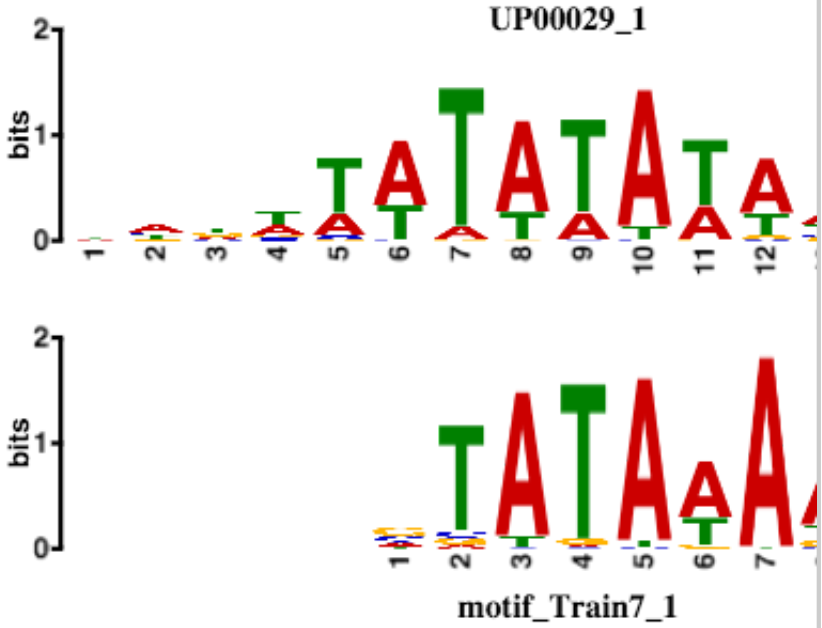


Summary

Name	UP00029_1 (Tbp_primary)
Database	uniprobe mouse
***p*-value**	3.69e-03
***E*-value**	3.62e+00
***q*-value**	1.00e+00
Overlap	11
Offset	5
Orientation	Reverse Complement

Show logo download options

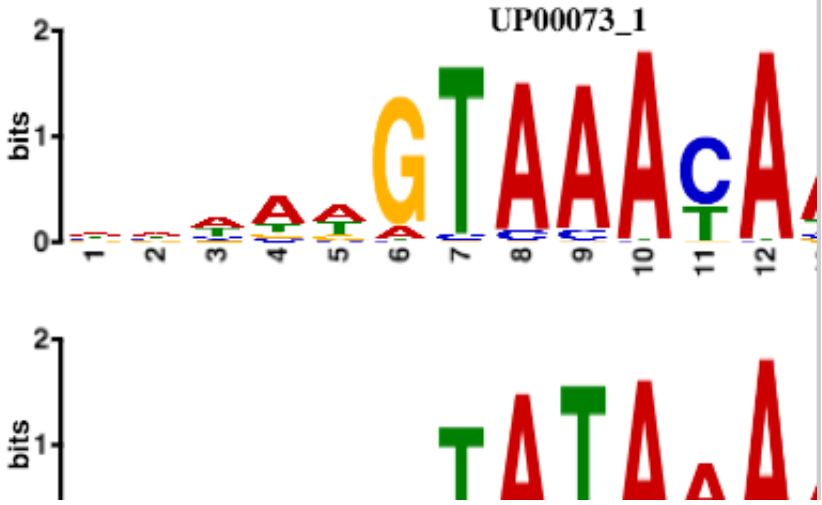
Alignment



Summary

Name	UP00073_1 (Foxa2_primary)
Database	uniprobe mouse
***p*-value**	8.67e-03
***E*-value**	8.49e+00
***q*-value**	1.00e+00
Overlap	12
Offset	5
Orientation	Normal

Alignment



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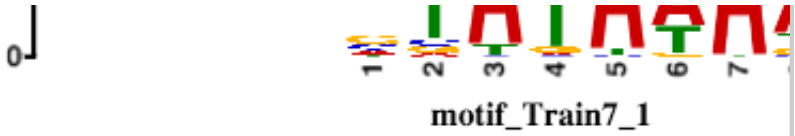

Summary

Name	MA0049.1 (hb)
Database	JASPAR CORE 2014
***p*-value**	8.74e-03
***E*-value**	8.56e+00
***q*-value**	1.00e+00
Overlap	10
Offset	0
Orientation	Normal

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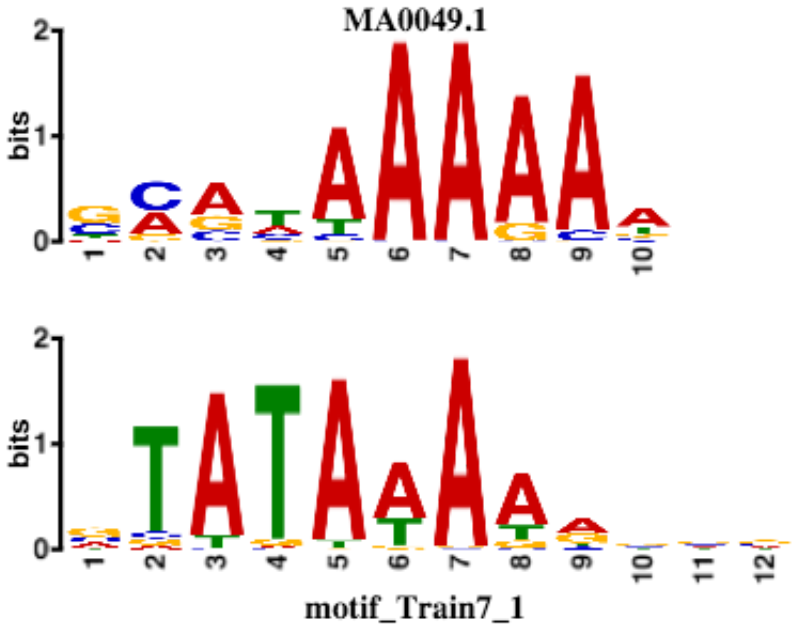
Alignment



Summary

Name	MA0015.1 (Cf2_II)
Database	JASPAR CORE 2014
***p*-value**	9.98e-03
***E*-value**	9.77e+00
***q*-value**	1.00e+00
Overlap	10
Offset	0
Orientation	Normal

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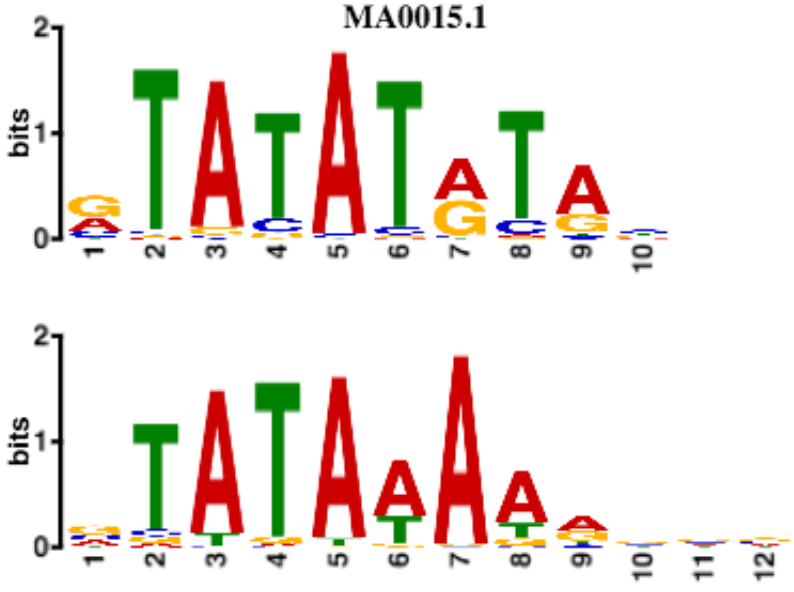
Alignment



motif_Train7_1

Summary

Name	MA0480.1 (Foxo1)
Database	JASPAR CORE 2014
***p*-value**	1.01e-02
***E*-value**	9.86e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Reverse Complement

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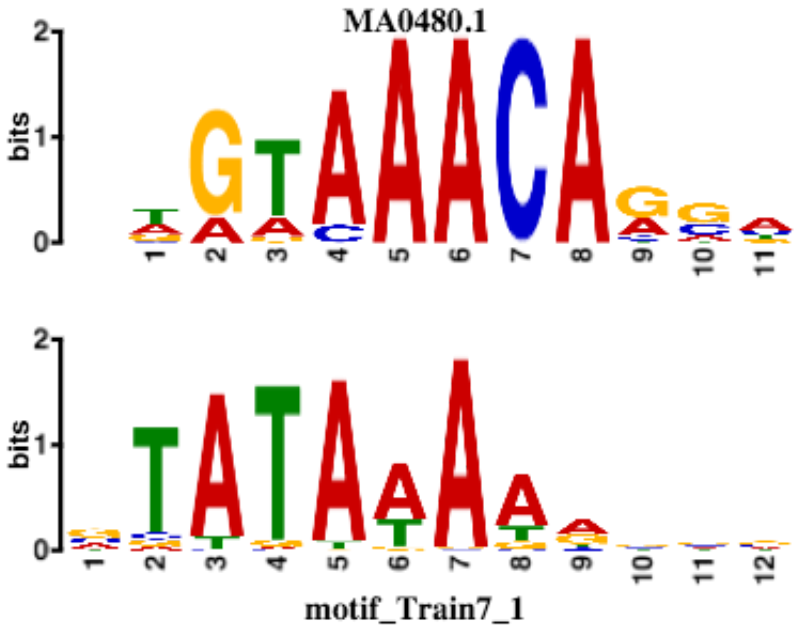
Alignment



MATCHES TO MOTIF_TRAIN3_19 (22-TGAAACGAGA)

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Summary

Name	MA0393.1 (STE12)
Database	JASPAR CORE 2014
***p*-value**	5.56e-04
***E*-value**	5.44e-01
***q*-value**	1.00e+00
Overlap	7
Offset	0
Orientation	Normal

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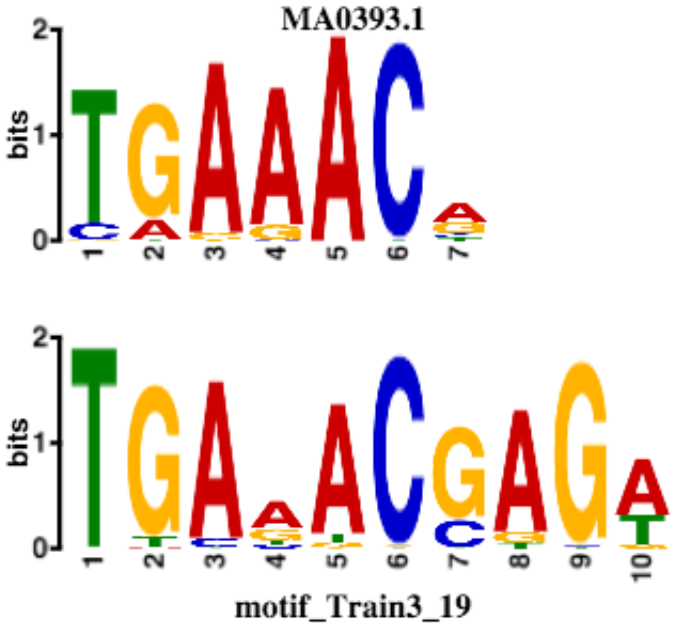
Alignment



Summary

Name	MA0085.1 (Su(H))
Database	JASPAR CORE 2014
***p*-value**	3.33e-03
***E*-value**	3.26e+00
***q*-value**	1.00e+00

Alignment

Overlap	10
Offset	5
Orientation	Normal

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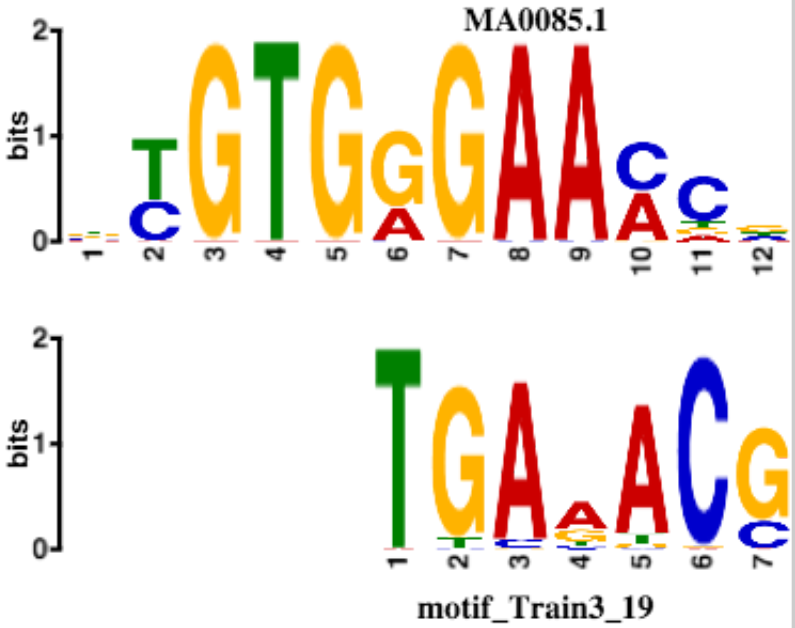

Summary

Name	MA0260.1 (che-1)
Database	JASPAR CORE 2014
***p*-value**	3.54e-03
***E*-value**	3.47e+00
***q*-value**	1.00e+00
Overlap	6
Offset	-1
Orientation	Normal

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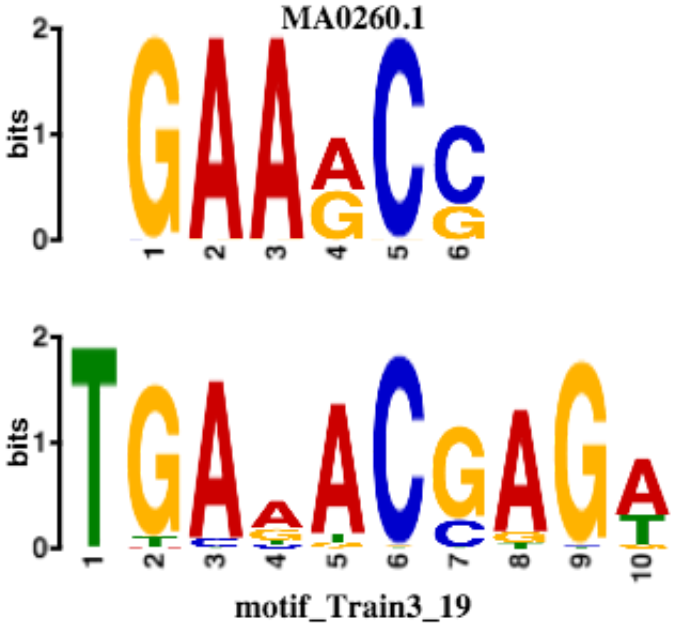
Alignment



Summary

Name	MA0051.1 (IRF2)
Database	JASPAR CORE 2014
***p*-value**	4.17e-03
***E*-value**	4.08e+00
***q*-value**	1.00e+00
Overlap	10
Offset	6
Orientation	Normal

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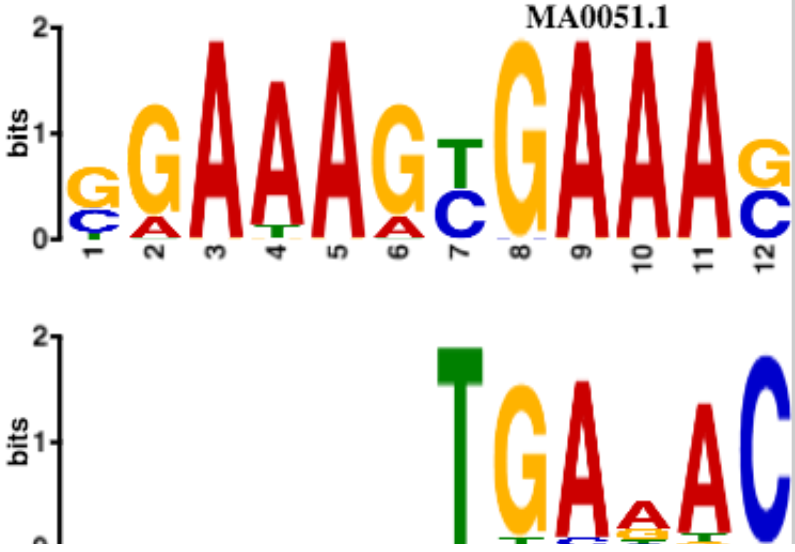
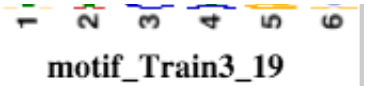
Alignment



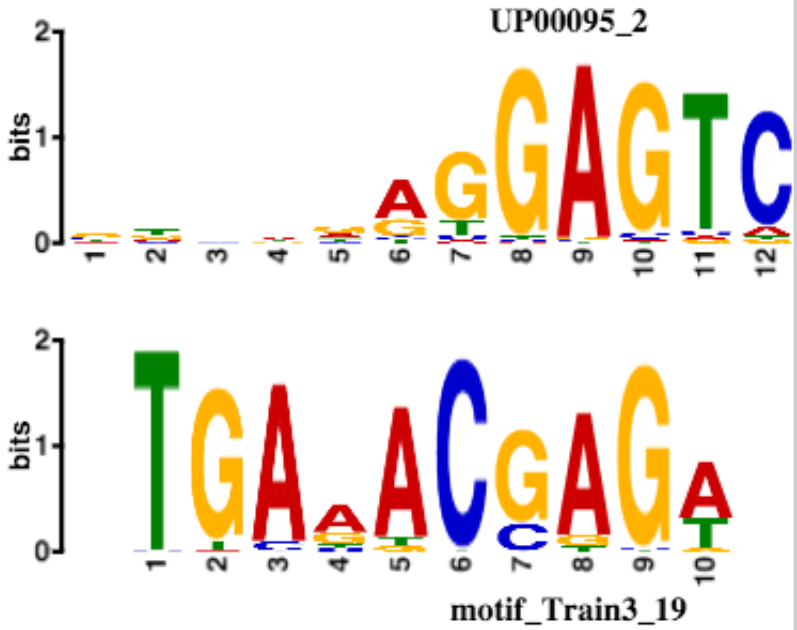


Summary

Name	UP00095_2 (Zfp691_secondary)
Database	uniprobe mouse
***p*-value**	8.24e-03
***E*-value**	8.07e+00
***q*-value**	1.00e+00
Overlap	10
Offset	1
Orientation	Reverse Complement

Show logo download options

Alignment



MATCHES TO MOTIF_TRAIN8_2 (1-GTATAAAARSVG)

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Summary

Name	MA0108.2 (TBP)
Database	JASPAR CORE 2014
***p*-value**	2.86e-08
***E*-value**	2.80e-05
***q*-value**	5.61e-05
Overlap	12
Offset	0
Orientation	Normal

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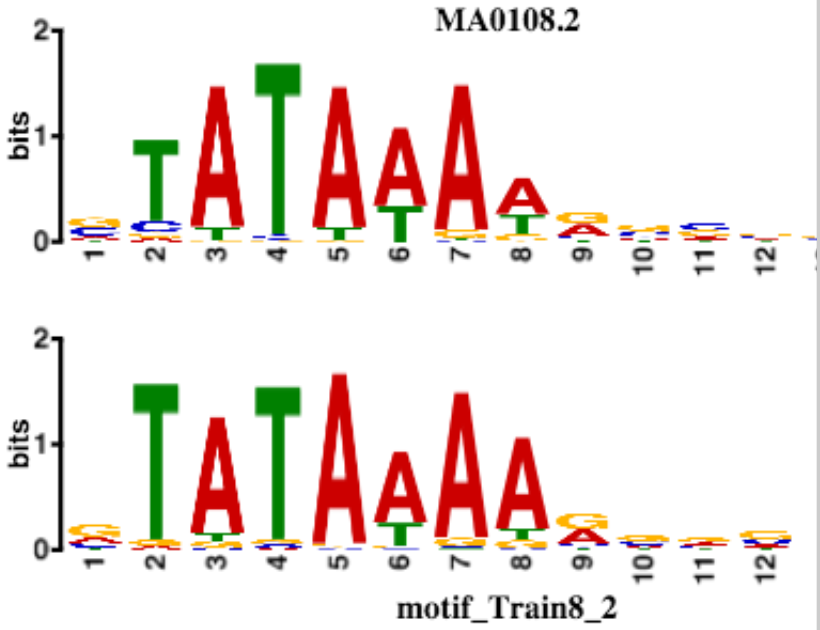
Alignment



Summary

Name	MA0296.1 (FKH1)

Alignment

Database	JASPAR CORE 2014
***p*-value**	2.99e-03
***E*-value**	2.93e+00
***q*-value**	1.00e+00
Overlap	12
Offset	6
Orientation	Normal

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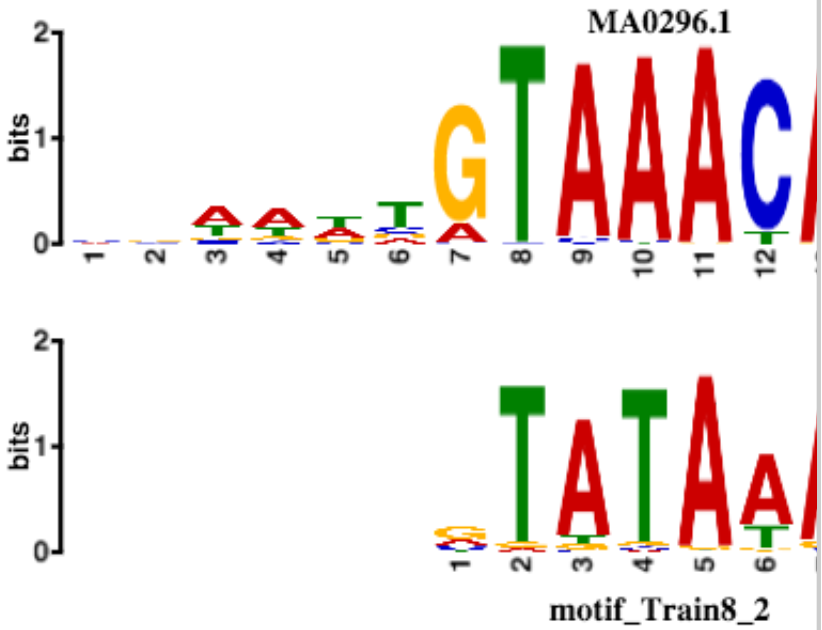

Summary

Name	UP00061_1 (Foxl1_primary)
Database	uniprobe mouse
***p*-value**	3.84e-03
***E*-value**	3.76e+00
***q*-value**	1.00e+00
Overlap	12
Offset	5
Orientation	Normal

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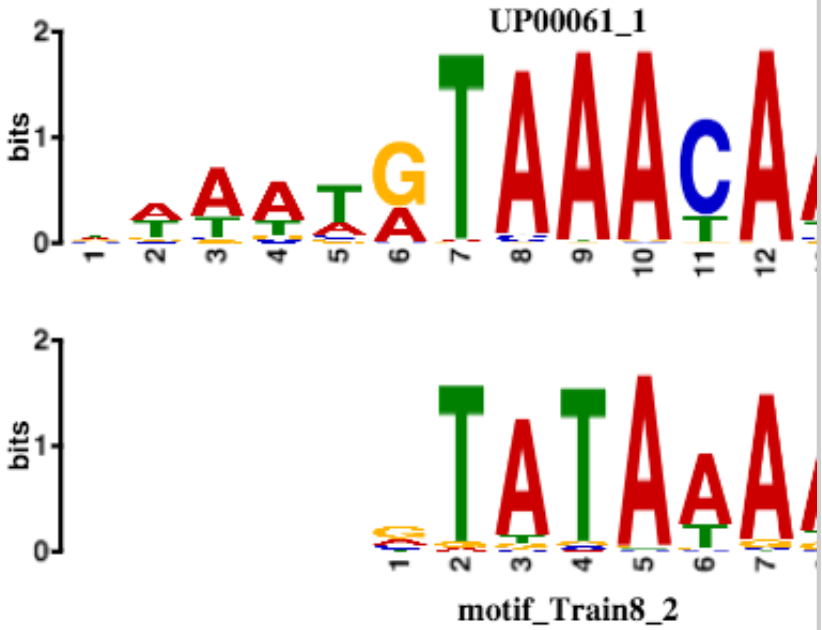
Alignment



Summary

Name	UP00055_2 (Hbp1_secondary)
Database	uniprobe mouse
***p*-value**	4.01e-03
***E*-value**	3.93e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Reverse Complement

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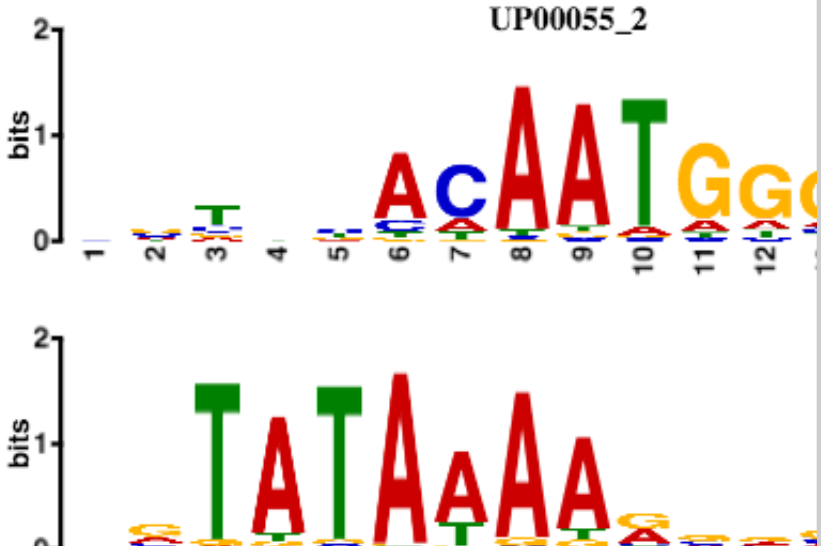
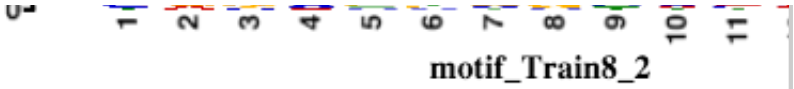
Alignment



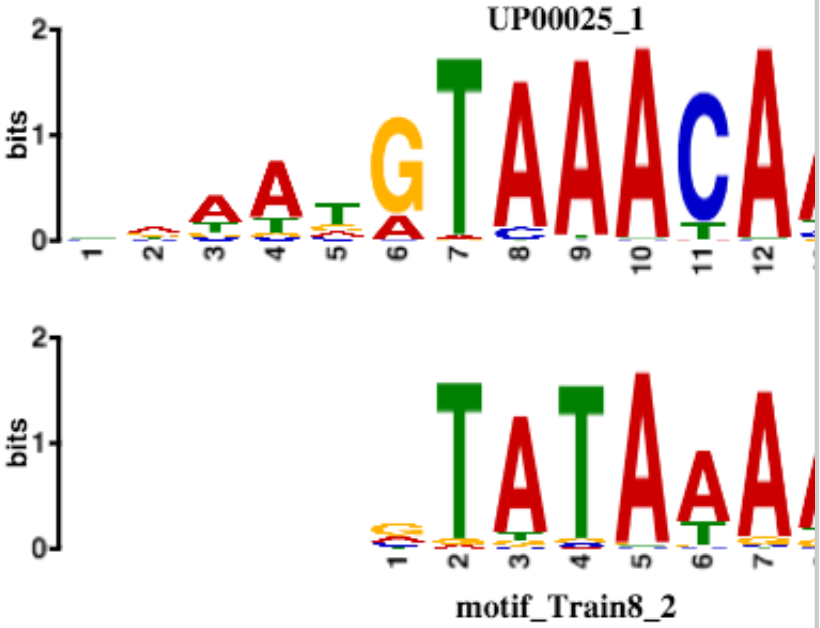


Summary

Name	UP00025_1 (Foxk1_primary)
Database	uniprobe mouse
***p*-value**	5.01e-03
***E*-value**	4.91e+00
***q*-value**	1.00e+00
Overlap	12
Offset	5
Orientation	Normal

Show logo download options

Alignment



Summary

Name	UP00029_1 (Tbp_primary)
Database	uniprobe mouse
***p*-value**	6.98e-03
***E*-value**	6.84e+00
***q*-value**	1.00e+00
Overlap	11
Offset	5
Orientation	Reverse Complement

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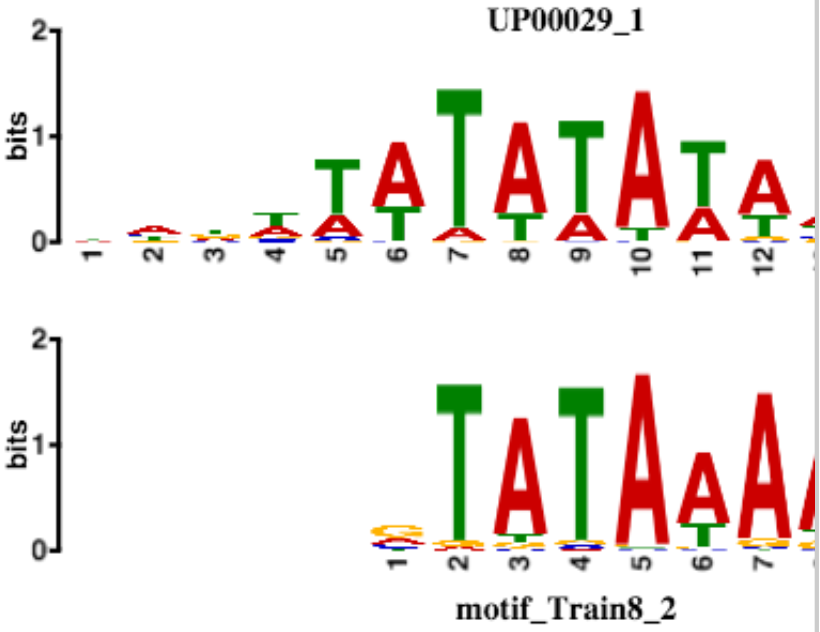
Alignment



MATCHES TO MOTIF_TRAIN4_19 (14-ACCATGGA)

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Summary

Name	MA0138.2 (REST)
Database	JASPAR CORE 2014
***p*-value**	3.79e-06

Alignment

***E*-value**	3.71e-03
***q*-value**	7.42e-03
Overlap	8
Offset	6
Orientation	Normal

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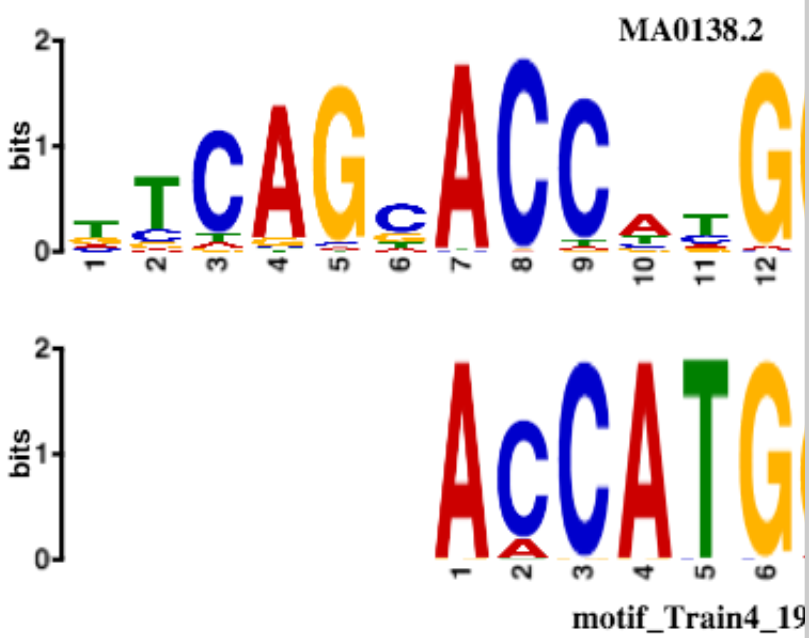

Summary

Name	MA0445.1 (D)
Database	JASPAR CORE 2014
***p*-value**	1.21e-03
***E*-value**	1.18e+00
***q*-value**	9.31e-01
Overlap	8
Offset	3
Orientation	Reverse Complement

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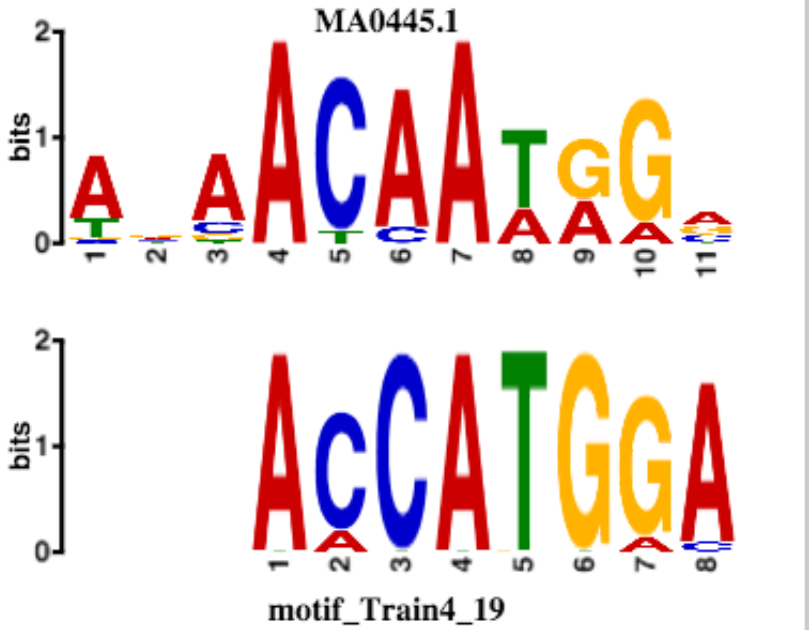
Alignment



Summary

Name	UP00023_1 (Sox30_primary)
Database	uniprobe mouse
***p*-value**	1.64e-03
***E*-value**	1.60e+00
***q*-value**	9.31e-01
Overlap	8
Offset	5
Orientation	Normal

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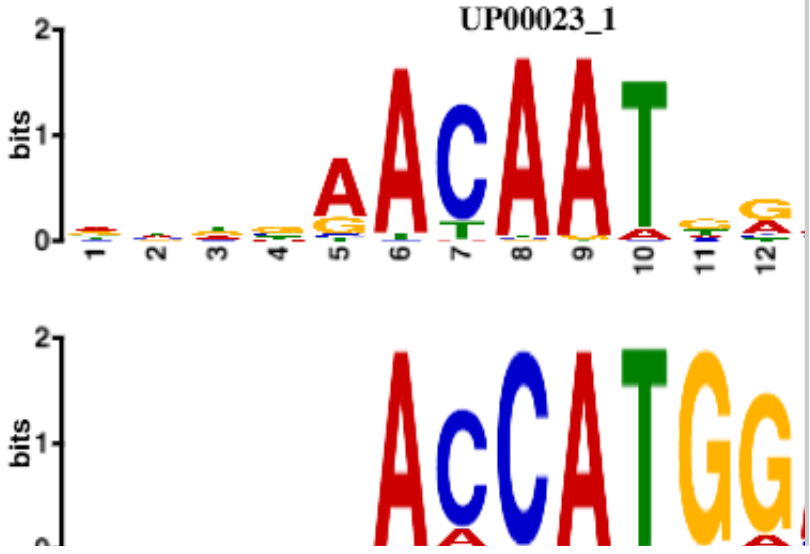
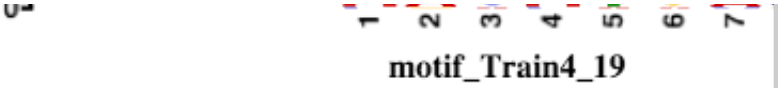
Alignment





Summary

Name	MA0371.1 (ROX1)
Database	JASPAR CORE 2014
***p*-value**	1.90e-03
***E*-value**	1.86e+00
***q*-value**	9.31e-01
Overlap	8
Offset	4
Orientation	Reverse Complement

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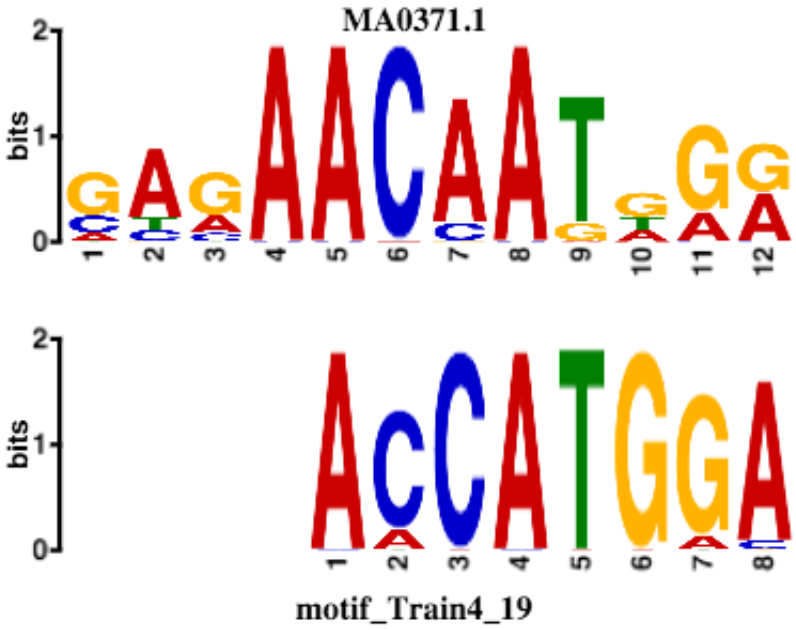
Alignment



Summary

Name	MA0148.3 (FOXA1)
Database	JASPAR CORE 2014
***p*-value**	2.81e-03
***E*-value**	2.76e+00
***q*-value**	1.00e+00
Overlap	8
Offset	7
Orientation	Reverse Complement

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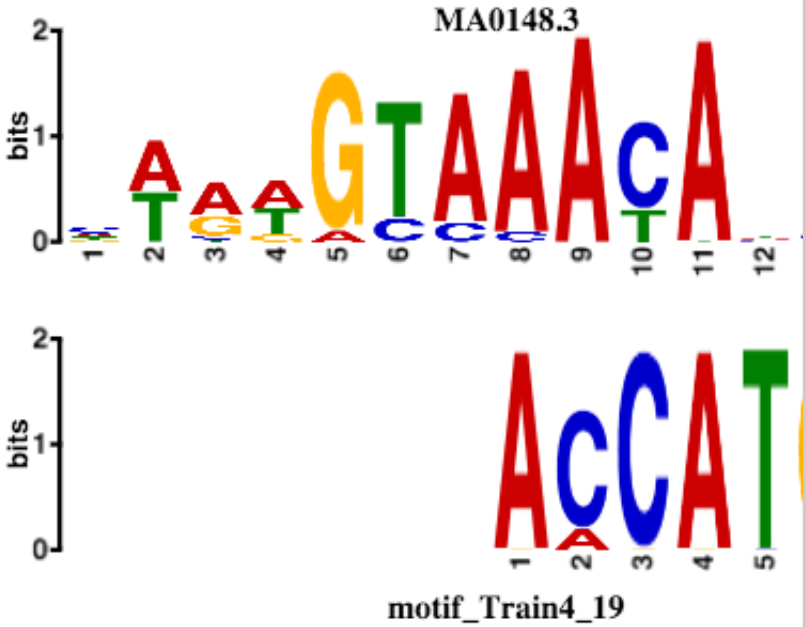
Alignment



Summary

Name	UP00004_2 (Sox14_secondary)
Database	uniprobe mouse
***p*-value**	5.39e-03
***E*-value**	5.28e+00

Alignment

***E*-value**	5.28e+00
***q*-value**	1.00e+00
Overlap	8
Offset	5
Orientation	Normal

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Summary

Name	MA0078.1 (Sox17)
Database	JASPAR CORE 2014
***p*-value**	5.89e-03
***E*-value**	5.77e+00
***q*-value**	1.00e+00
Overlap	8
Offset	1
Orientation	Reverse Complement

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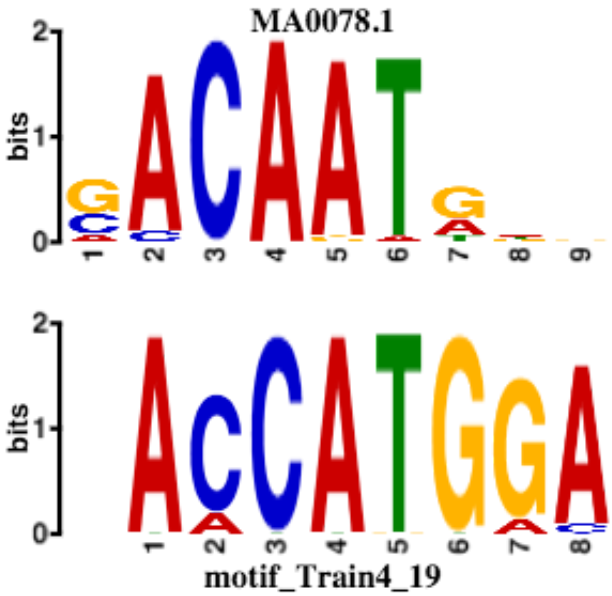
Alignment



Summary

Name	MA0077.1 (SOX9)
Database	JASPAR CORE 2014
***p*-value**	5.89e-03
***E*-value**	5.77e+00
***q*-value**	1.00e+00
Overlap	7
Offset	2
Orientation	Reverse Complement

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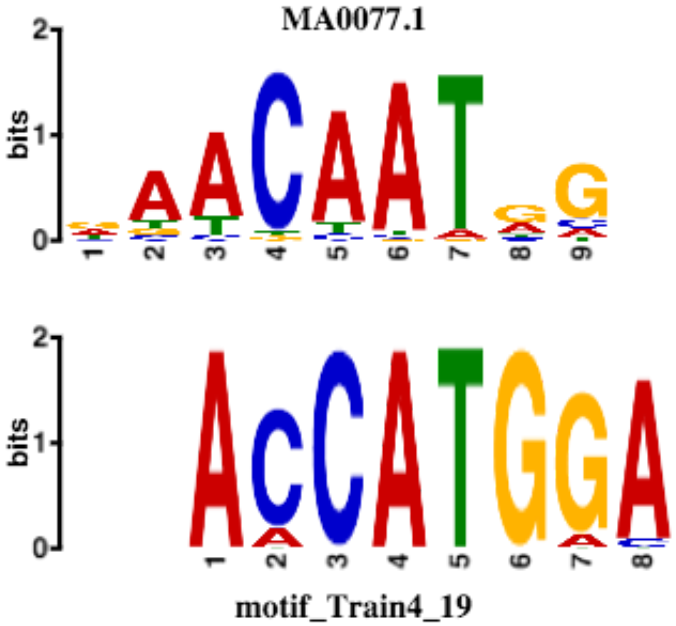
Alignment



Summary

Alignment

Name	MA0600.1 (RFX2)
Database	JASPAR CORE

Database	2014
***p*-value**	7.22e-03
***E*-value**	7.07e+00
***q*-value**	1.00e+00
Overlap	8
Offset	8
Orientation	Reverse Complement

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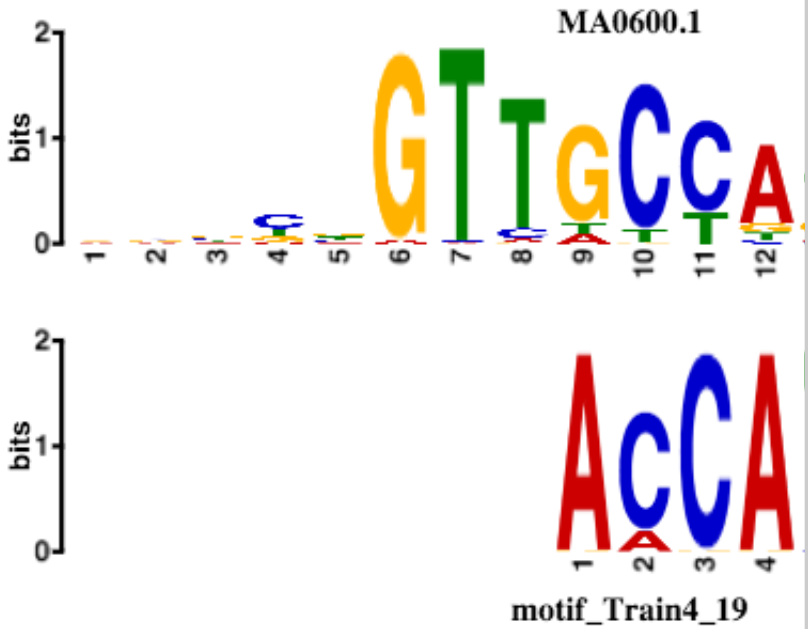

Summary

Name	UP00079_1 (Esrra_primary)
Database	uniprobe mouse
***p*-value**	7.75e-03
***E*-value**	7.59e+00
***q*-value**	1.00e+00
Overlap	8
Offset	7
Orientation	Reverse Complement

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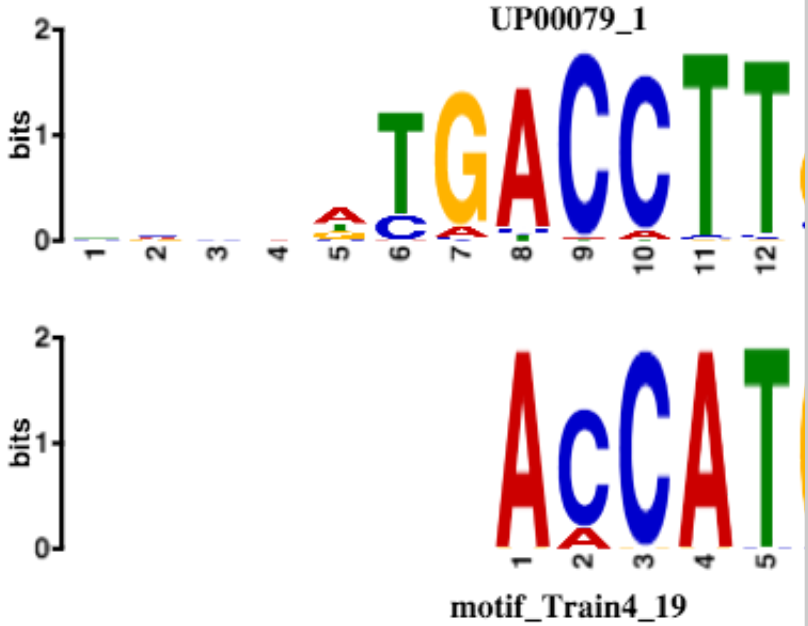
Alignment



Summary

Name	MA0143.3 (Sox2)
Database	JASPAR CORE

Alignment

2014

***p*-value**	8.09e-03
***E*-value**	7.92e+00
***q*-value**	1.00e+00
Overlap	7
Offset	1
Orientation	Reverse Complement

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Summary

Name	MA0592.1 (ESRRA)
Database	JASPAR CORE 2014
***p*-value**	8.99e-03
***E*-value**	8.80e+00
***q*-value**	1.00e+00
Overlap	7
Offset	4
Orientation	Reverse Complement

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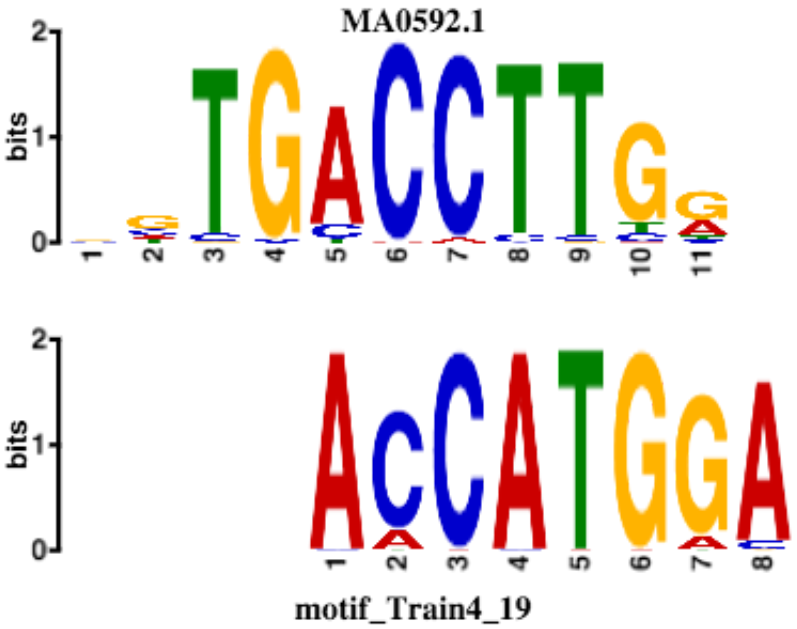
Alignment



Summary

Name	MA0515.1 (Sox6)
Database	JASPAR CORE 2014
***p*-value**	9.20e-03
***E*-value**	9.00e+00

Alignment

***q*-value**	1.00e+00
Overlap	7
Offset	3
Orientation	Reverse Complement

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Summary

Name	MA0509.1 (Rfx1)
Database	JASPAR CORE 2014
***p*-value**	9.64e-03
***E*-value**	9.44e+00
***q*-value**	1.00e+00
Overlap	8
Offset	3
Orientation	Reverse Complement

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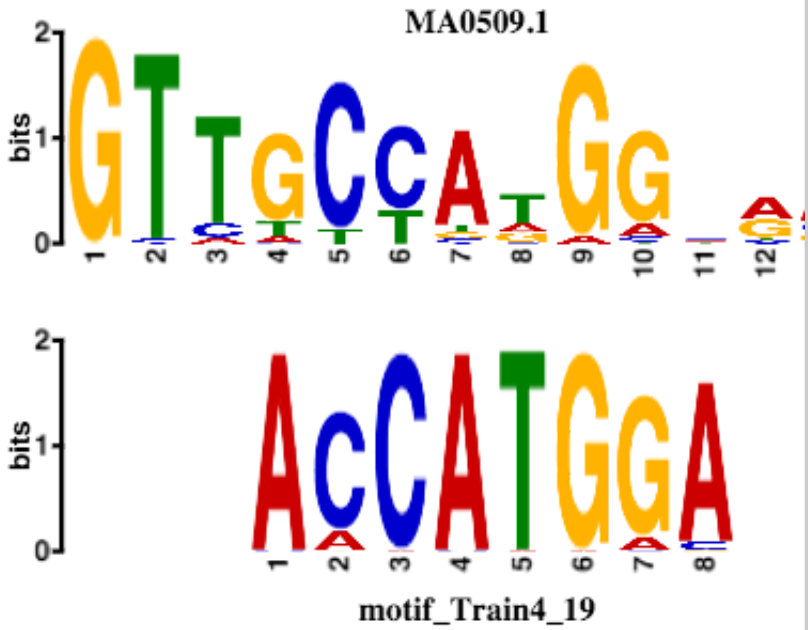
Alignment



MATCHES TO MOTIF_10_1 (1-RTATAAAAASVS)

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Summary

Name	MA0108.2 (TBP)
Database	JASPAR CORE 2014
***p*-value**	1.60e-09
***E*-value**	1.56e-06
***q*-value**	3.13e-06
Overlap	12
Offset	0
Orientation	Normal

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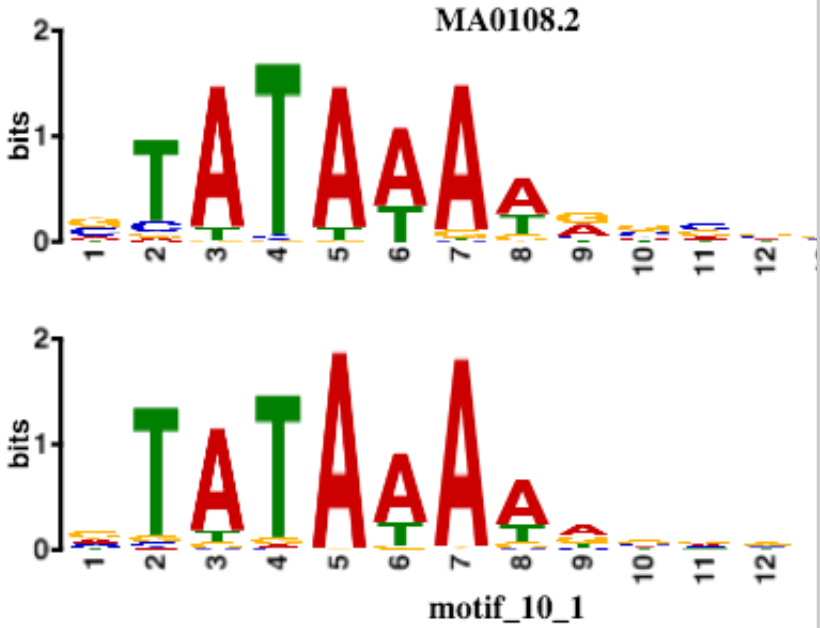
Alignment



Summary **Alignment**

Name	UP00025_1 (Foxk1_primary)
Database	uniprobe mouse
***p*-value**	1.60e-03
***E*-value**	1.57e+00
***q*-value**	8.34e-01
Overlap	12
Offset	5
Orientation	Normal

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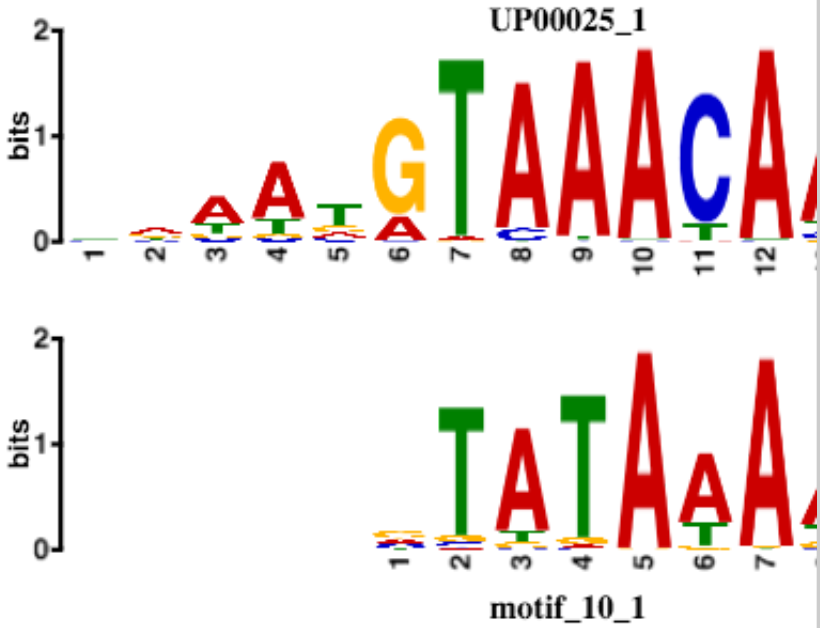

Summary **Alignment**

Name	UP00061_1 (Foxl1_primary)
Database	uniprobe mouse
***p*-value**	1.60e-03
***E*-value**	1.57e+00
***q*-value**	8.34e-01
Overlap	12
Offset	5
Orientation	Normal

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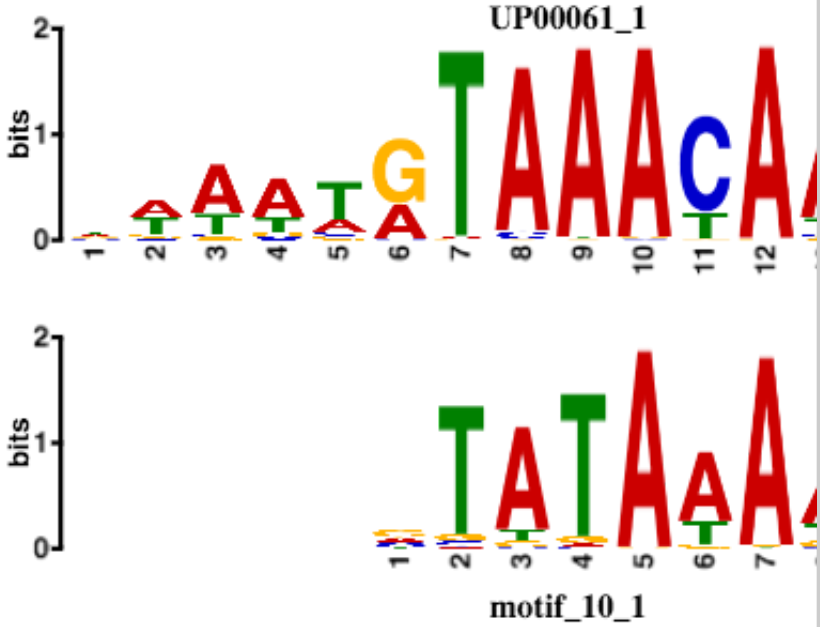

Summary **Alignment**

Name	MA0296.1 (FKH1)
Database	JASPAR CORE 2014
***p*-value**	1.70e-03
***E*-value**	1.67e+00
***q*-value**	8.34e-01
Overlap	12
Offset	6
Orientation	Normal

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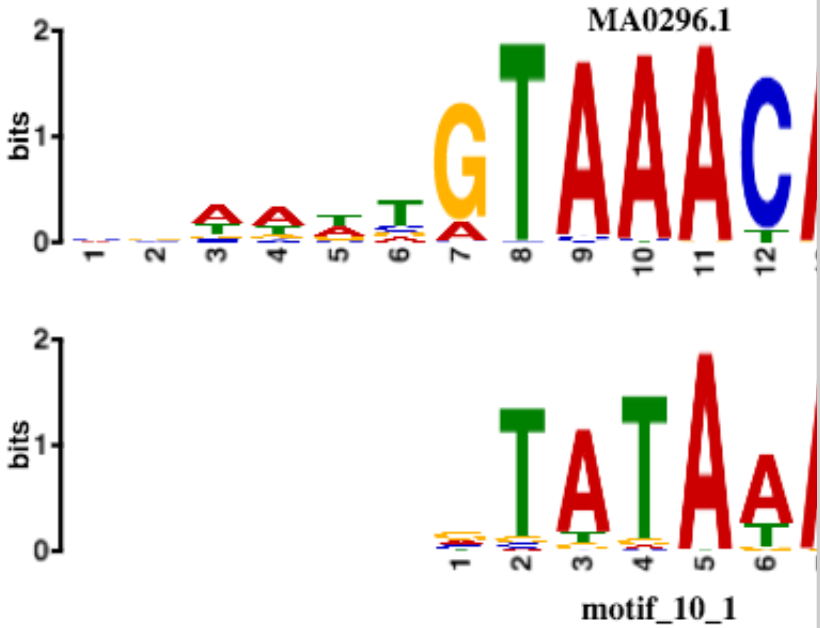

Summary

Name	UP00029_1 (Tbp_primary)
Database	uniprobe mouse
***p*-value**	3.01e-03
***E*-value**	2.94e+00
***q*-value**	1.00e+00
Overlap	11
Offset	5
Orientation	Reverse Complement

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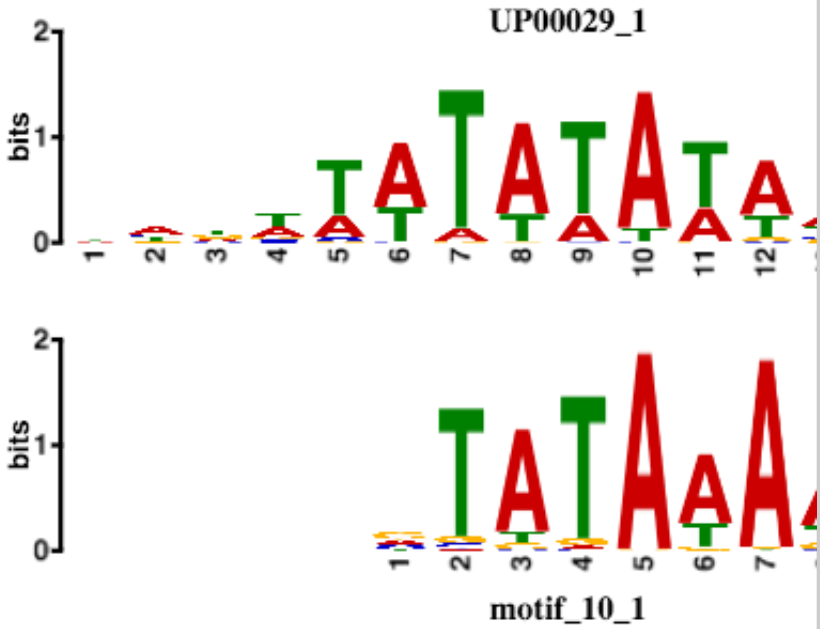
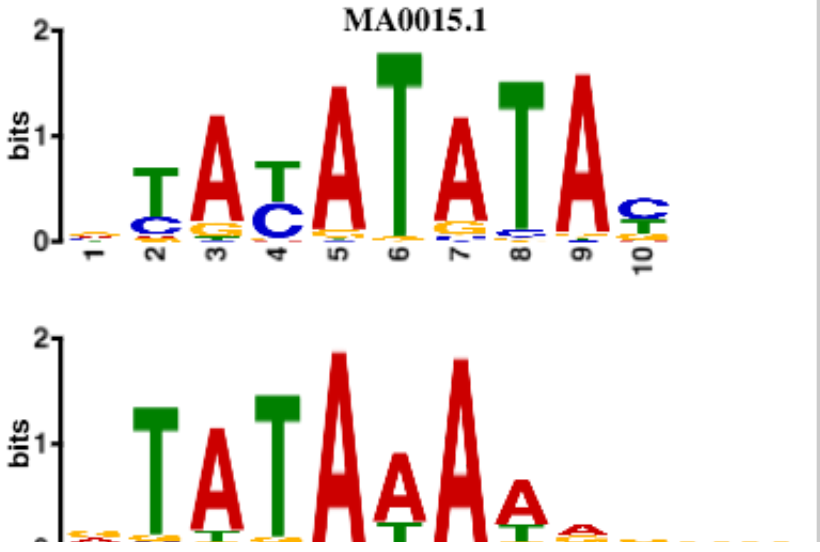
Alignment



Summary

Name	MA0015.1 (Cf2_II)
Database	JASPAR CORE 2014
***p*-value**	4.76e-03
***E*-value**	4.66e+00
***q*-value**	1.00e+00
Overlap	10
Offset	0
Orientation	Reverse Complement

Alignment



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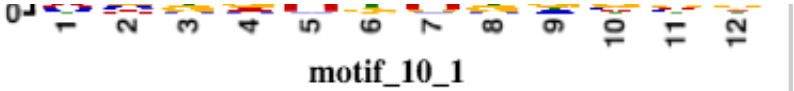

Summary

Name	UP00073_1 (Foxa2_primary)
Database	uniprobe mouse
***p*-value**	5.94e-03
***E*-value**	5.82e+00
***q*-value**	1.00e+00
Overlap	12
Offset	5
Orientation	Normal

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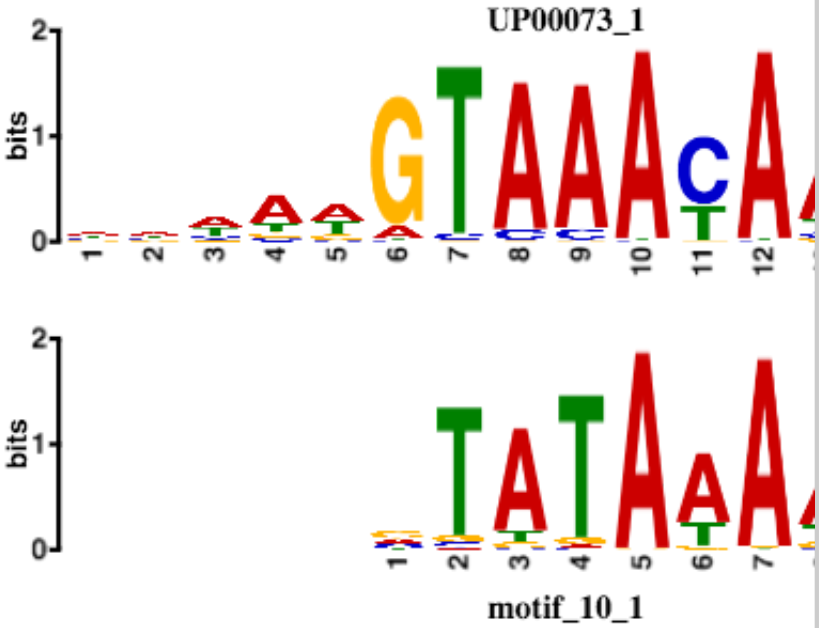
Alignment



Summary

Name	UP00055_2 (Hbp1_secondary)
Database	uniprobe mouse
***p*-value**	7.69e-03
***E*-value**	7.52e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Reverse Complement

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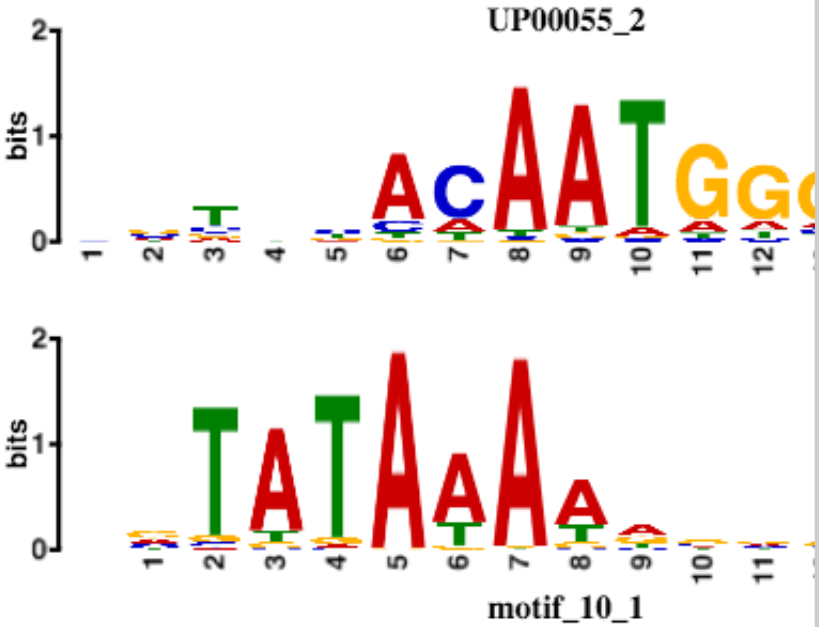
Alignment



Summary

Alignment

Name	MA0049.1 (hb)
Database	JASPAR CORE 2014
***p*-value**	1.01e-02
***E*-value**	9.89e+00
***q*-value**	1.00e+00
Overlap	10
Offset	0
Orientation	Normal

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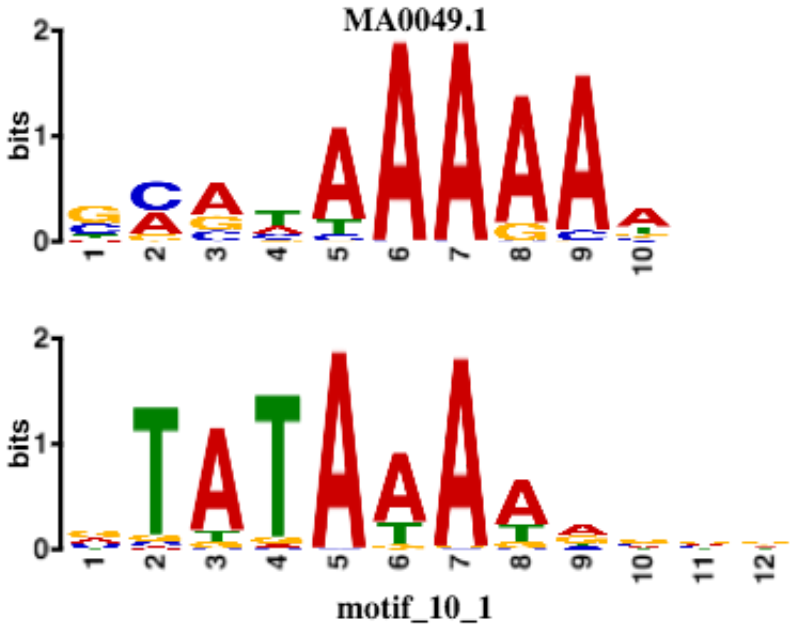

SETTINGS

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_group7.txt
```

Result calculation took 9.832 seconds