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 group6	motif_10_3	4-TGGCAACGYTGY		9	MA0365.1 UP00084
motif group6	motif_Train1_3	5-TGGCAACGYTGC		8	MA0365.1 UP00084
motif group6	motif_Train2_3	4-TGGCAACGTTGC		12	MA0365.1 UP00084
motif group6	motif_Train4_3	4-TGGCAACGYTGH		9	MA0365.1 UP00084
motif group6	motif_Train5_3	4-TGGCAACGYTGH		9	MA0365.1 UP00084
motif group6	motif_Train6_3	4-TGGCAACGYTGY		9	MA0365.1 UP00084
motif group6	motif_Train7_3	5-TGGCAACGYTGY		9	MA0365.1 UP00084
motif group6	motif_Train8_3	5-TGGCAACGYTGY		10	MA0365.1 UP00084
motif group6	motif_Train9_3	4-TGGCAACGYTGN		9	MA0365.1 UP00084

Target Databases

Previous Next Top

Database	Used	Matched
uniprobe mouse	386	2
JASPAR CORE 2014	593	13

Matches to motif_Train9_3 (4-TGGCAACGYTGN)

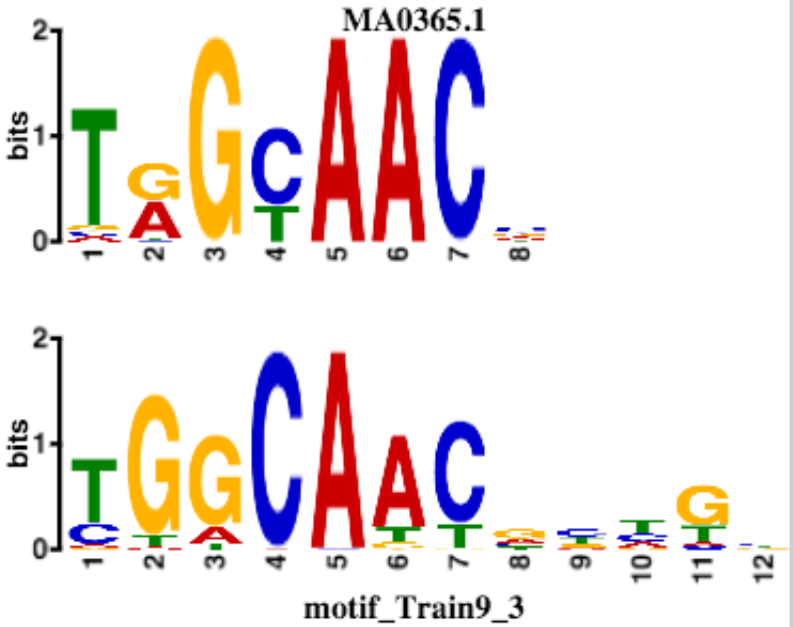
Previous Next Top

Summary

Name	MA0365.1 (RFX1)
Database	JASPAR CORE 2014
***p*-value**	2.29e-04
***E*-value**	2.24e-01
***q*-value**	4.49e-01
Overlap	8
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment

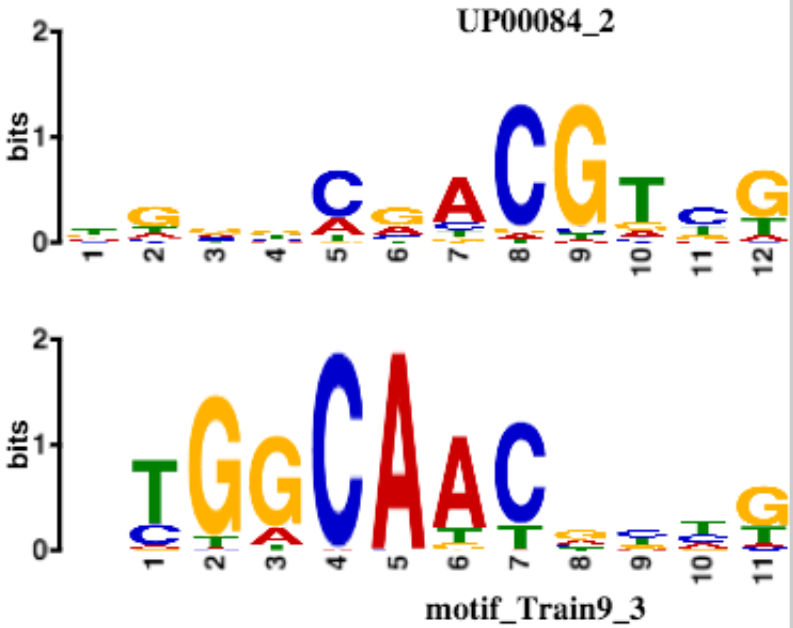


Summary

Name	UP00084_2 (Gmeb1_secondary)
Database	uniprobe mouse
***p*-value**	8.31e-04
***E*-value**	8.14e-01
***q*-value**	8.14e-01
Overlap	12
Offset	1
Orientation	Normal

Show logo download options

Alignment



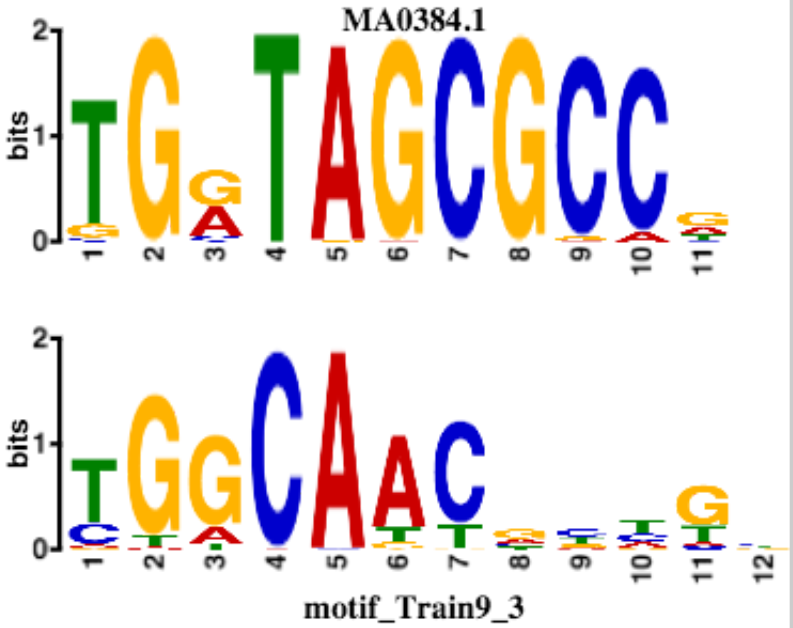
Summary

Name	MA0384.1 (SNT2)
Database	JASPAR CORE 2014

Alignment

***p*-value**	2.25e-03
***E*-value**	2.20e+00
***q*-value**	1.00e+00
Overlap	11
Offset	0
Orientation	Normal

Show logo download options

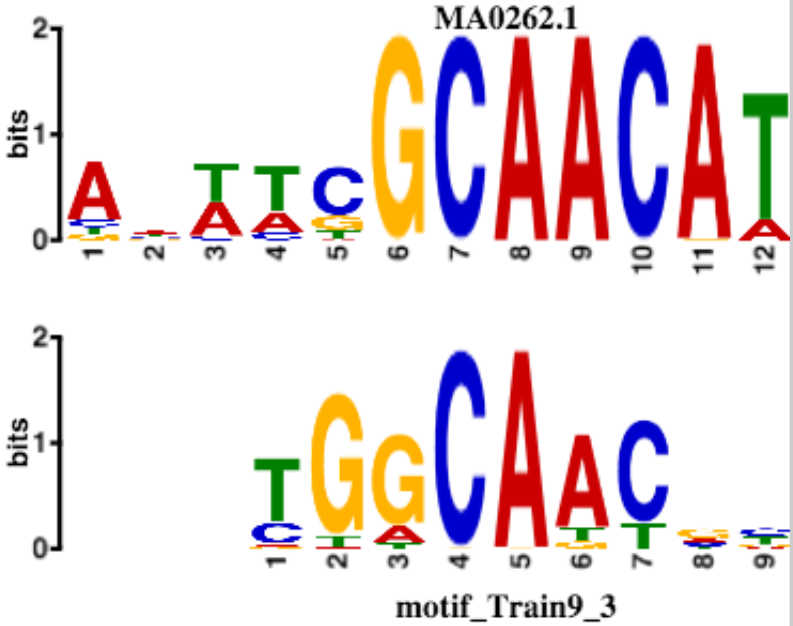


Summary

Name	MA0262.1 (mab-3)
Database	JASPAR CORE 2014
***p*-value**	2.60e-03
***E*-value**	2.55e+00
***q*-value**	1.00e+00
Overlap	10
Offset	3
Orientation	Reverse Complement

Show logo download options

Alignment

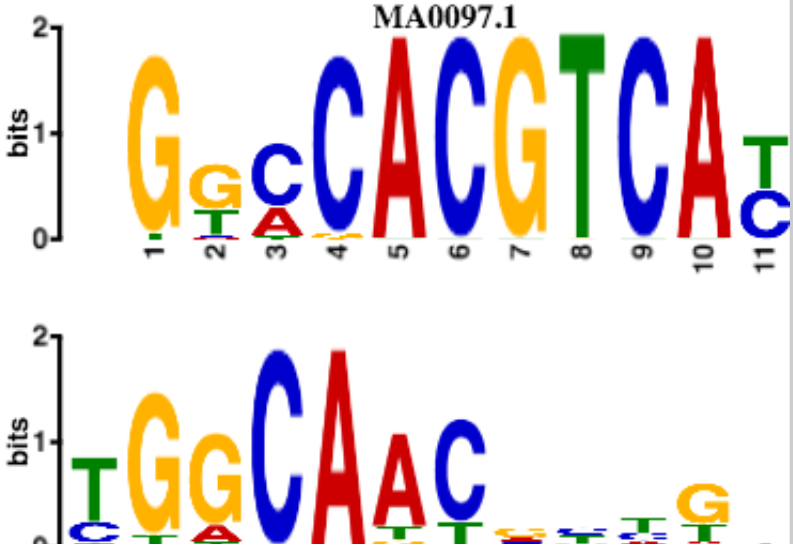


Summary

Name	MA0097.1 (bZIP911)
Database	JASPAR CORE 2014
***p*-value**	4.09e-03
***E*-value**	4.00e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment

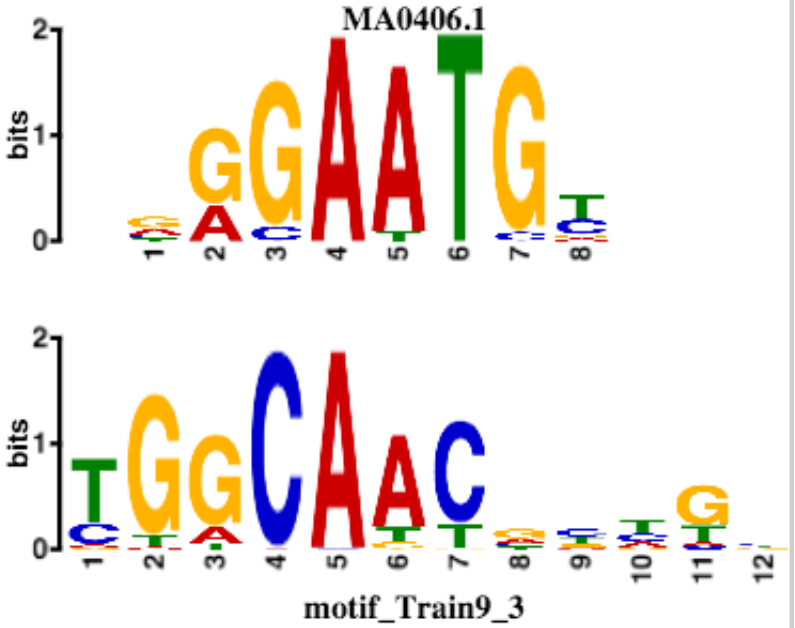


Summary

Name	MA0406.1 (TEC1)
Database	JASPAR CORE 2014
***p*-value**	4.53e-03
***E*-value**	4.44e+00
***q*-value**	1.00e+00
Overlap	8
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment

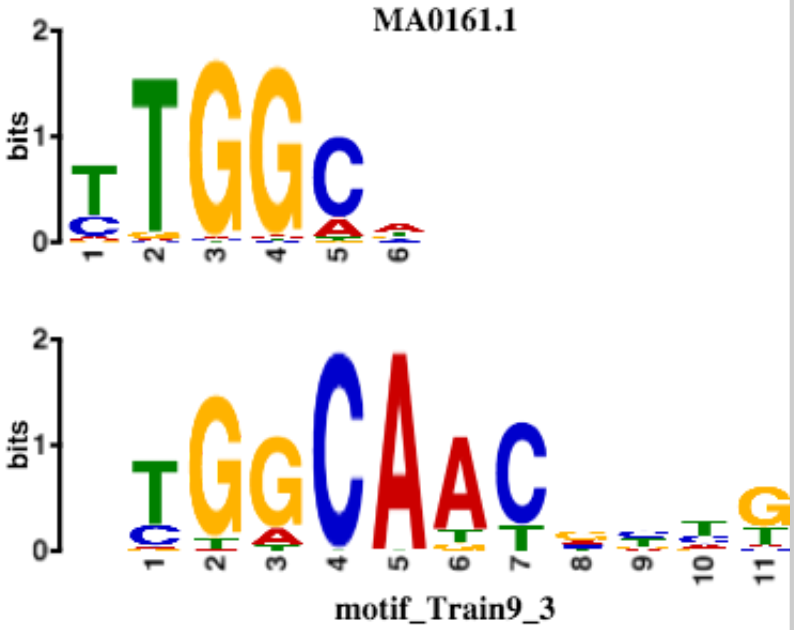


Summary

Name	MA0161.1 (NFIC)
Database	JASPAR CORE 2014
***p*-value**	6.16e-03
***E*-value**	6.03e+00
***q*-value**	1.00e+00
Overlap	5
Offset	1
Orientation	Normal

Show logo download options

Alignment



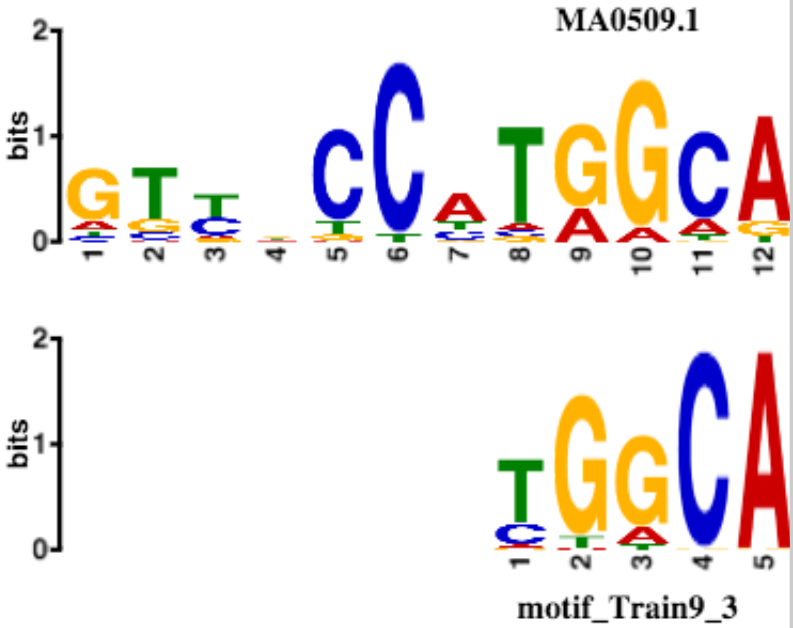
Summary

Name	MA0509.1 (Rfx1)
Database	JASPAR CORE 2014
***p*-value**	7.10e-03
***E*-value**	6.95e+00
***q*-value**	1.00e+00
Overlap	7

Alignment

Offset	7
Orientation	Normal

Show logo download options

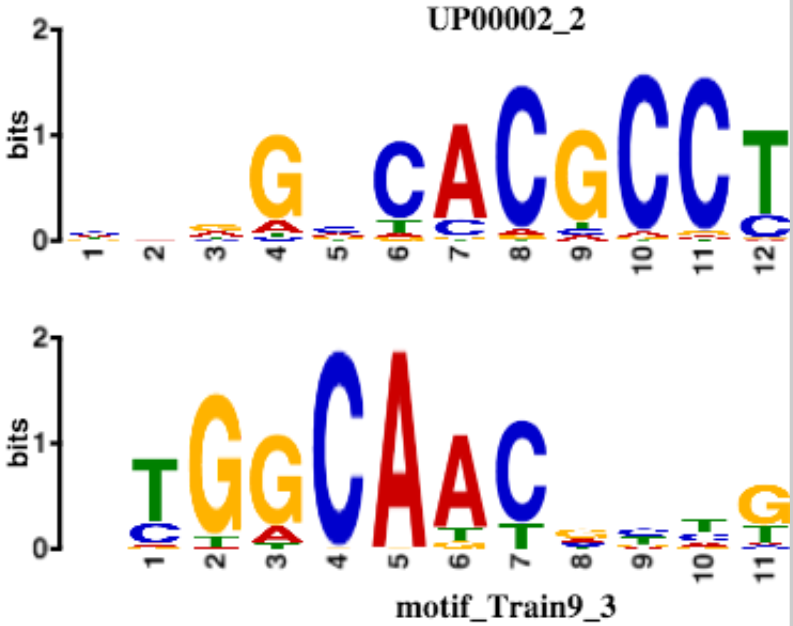


Summary

Name	UP00002_2 (Sp4_secondary)
Database	uniprobe mouse
***p*-value**	9.69e-03
***E*-value**	9.49e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Reverse Complement

Show logo download options

Alignment



MATCHES TO MOTIF_TRAIN5_3 (4-TGGCAACGYTGH)

Previous Next Top

Summary

Name	MA0365.1 (RFX1)
Database	JASPAR CORE 2014
***p*-value**	1.96e-04

Alignment

***E*-value**	1.92e-01
***q*-value**	3.84e-01
Overlap	8
Offset	0
Orientation	Reverse Complement

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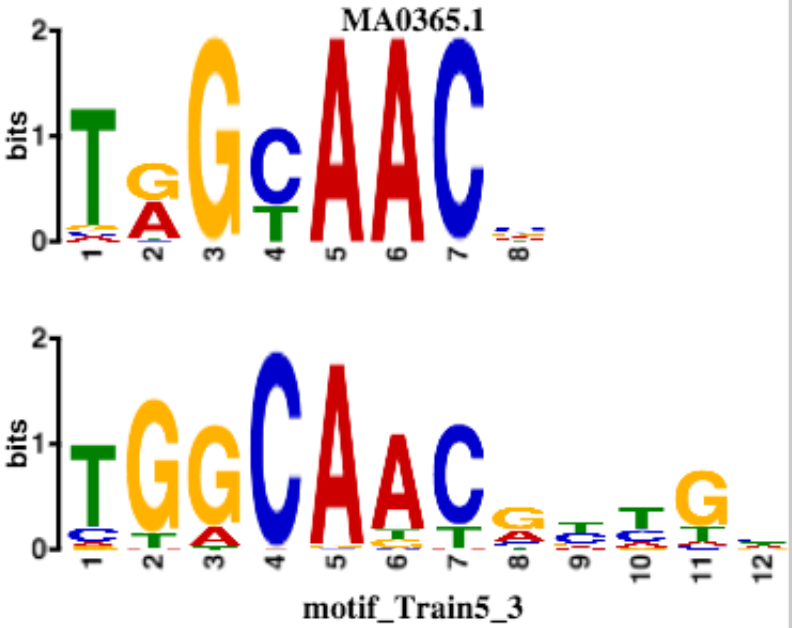
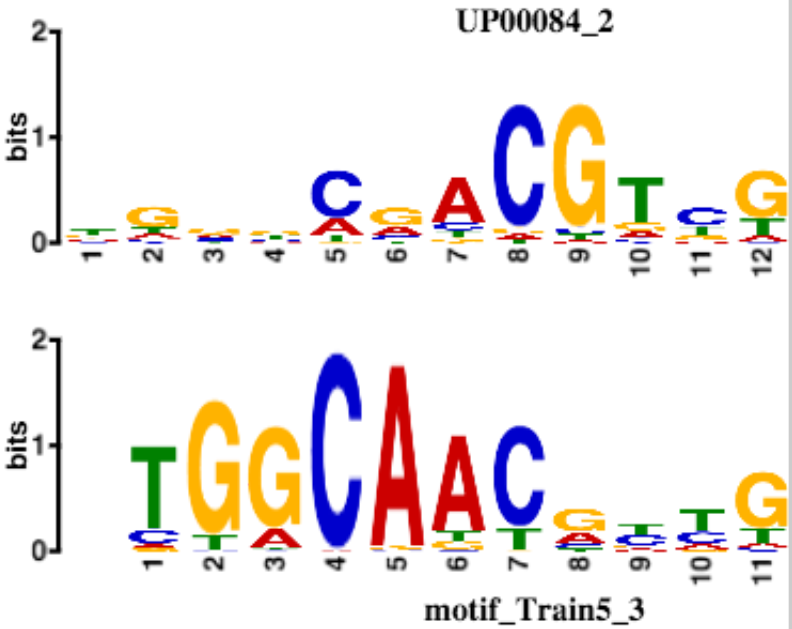


Summary

Name	UP00084_2 (Gmeb1_secondary)
Database	uniprobe mouse
***p*-value**	1.06e-03
***E*-value**	1.04e+00
***q*-value**	8.66e-01
Overlap	12
Offset	1
Orientation	Normal

Show logo download options

Alignment

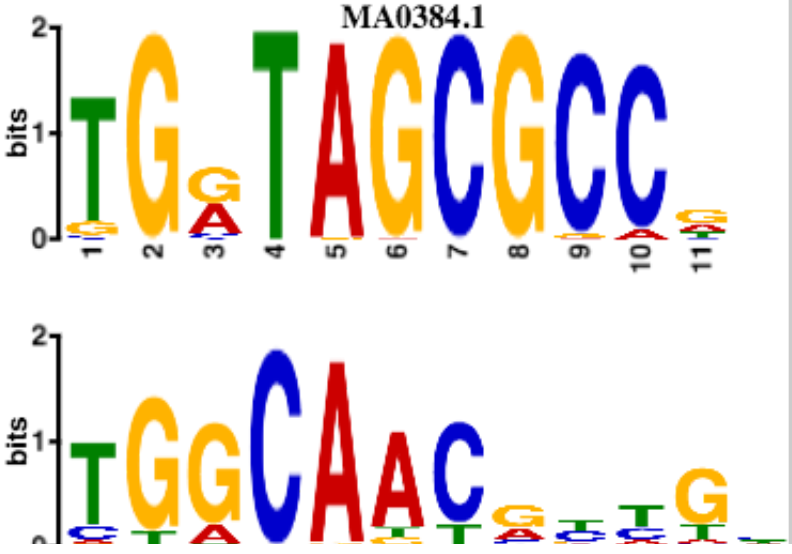


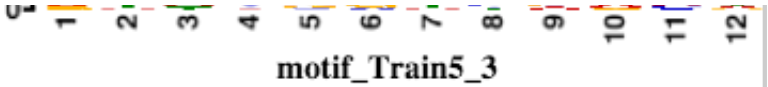
Summary

Name	MA0384.1 (SNT2)
Database	JASPAR CORE 2014
***p*-value**	1.67e-03
***E*-value**	1.64e+00
***q*-value**	8.66e-01
Overlap	11
Offset	0
Orientation	Normal

Show logo download options

Alignment



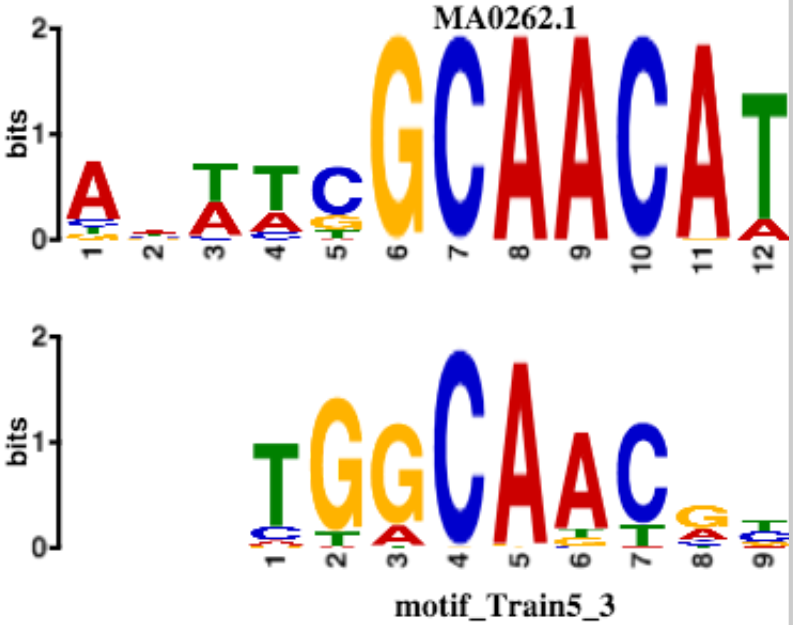


Summary

Name	MA0262.1 (mab-3)
Database	JASPAR CORE 2014
***p*-value**	1.77e-03
***E*-value**	1.73e+00
***q*-value**	8.66e-01
Overlap	10
Offset	3
Orientation	Reverse Complement

Show logo download options

Alignment



Summary

Name	MA0161.1 (NFIC)
Database	JASPAR CORE 2014
***p*-value**	4.35e-03
***E*-value**	4.26e+00
***q*-value**	1.00e+00
Overlap	5
Offset	1
Orientation	Normal

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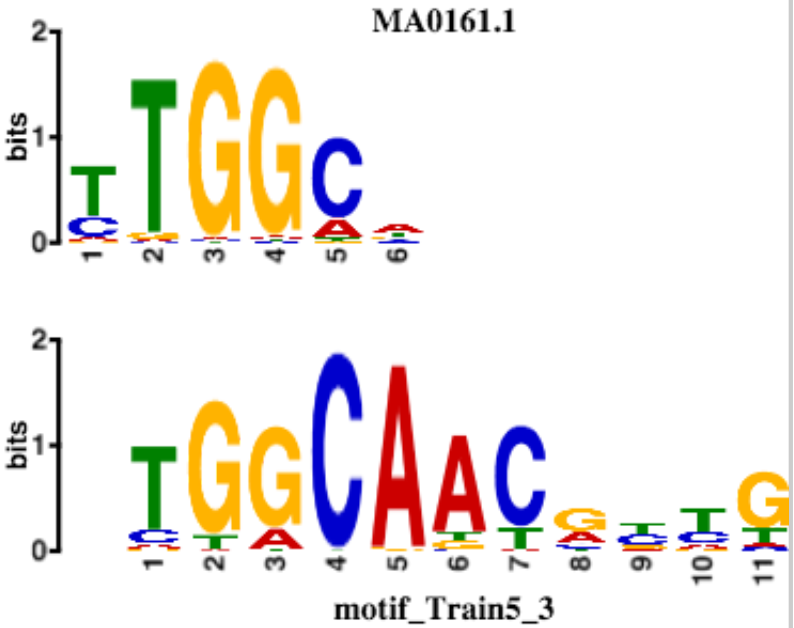
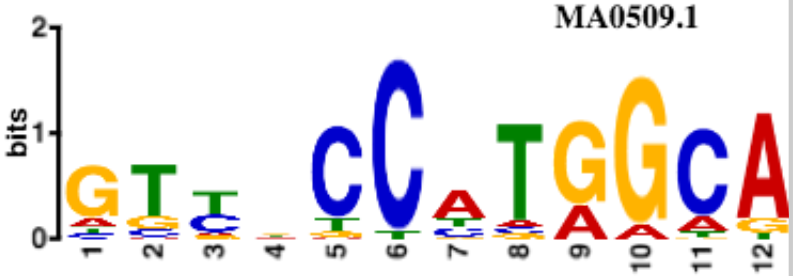
Alignment



Summary

Name	MA0509.1 (Rfx1)
Database	JASPAR CORE 2014
***p*-value**	6.33e-03
***E*-value**	6.20e+00
***q*-value**	1.00e+00

Alignment



Overlap	7
Offset	7
Orientation	Normal

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Summary

Name	MA0406.1 (TEC1)
Database	JASPAR CORE 2014
***p*-value**	6.91e-03
***E*-value**	6.76e+00
***q*-value**	1.00e+00
Overlap	8
Offset	-1
Orientation	Reverse Complement

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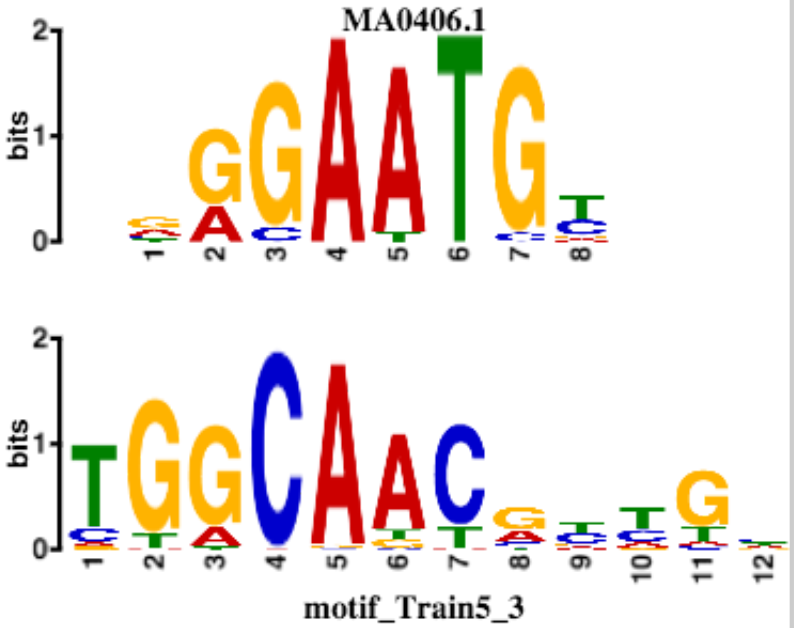
Alignment



Summary

Name	MA0097.1 (bZIP911)
Database	JASPAR CORE 2014
***p*-value**	7.13e-03
***E*-value**	6.98e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Reverse Complement

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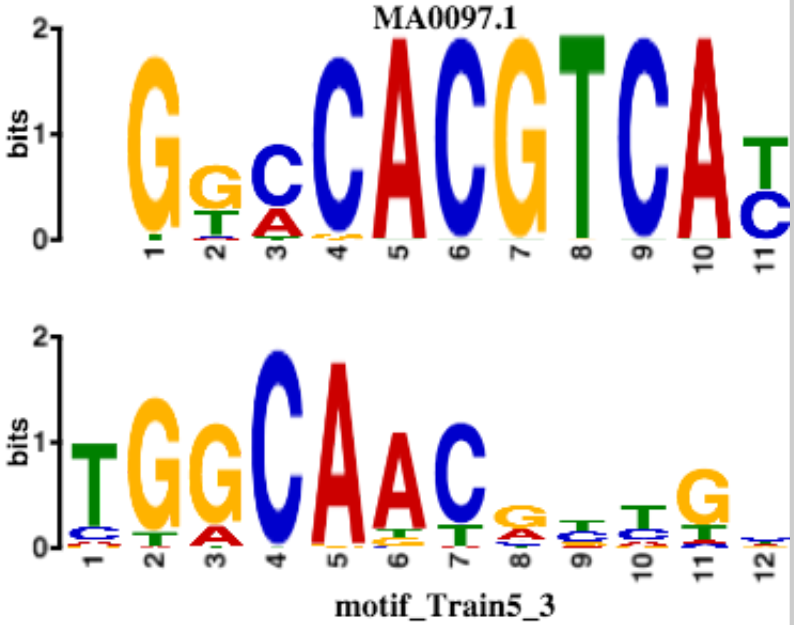
Alignment



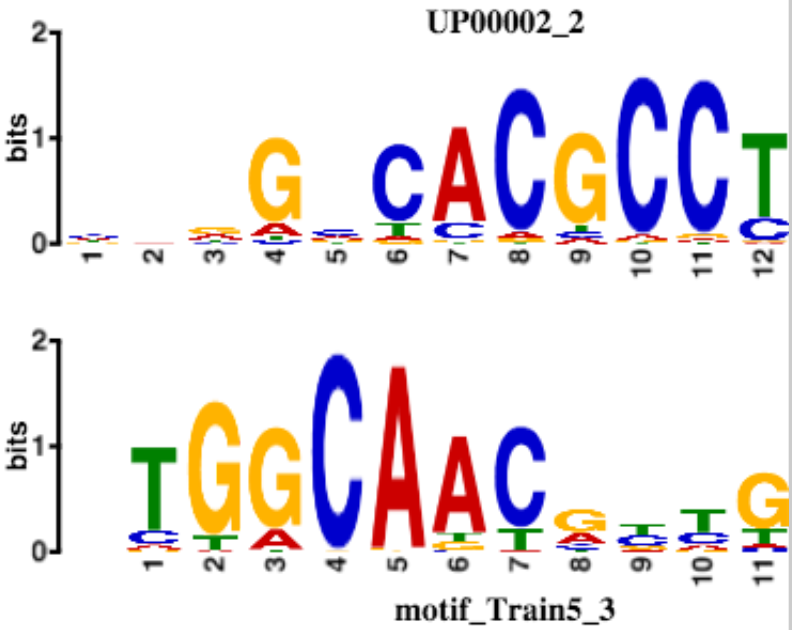
Summary

Name	UP00002_2 (Sp4_secondary)
Database	uniprobe mouse

Alignment

***p*-value**	9.22e-03
***E*-value**	9.03e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Reverse Complement

Show logo download options



MATCHES TO MOTIF_TRAIN6_3 (4-TGGCAACGYTGY)

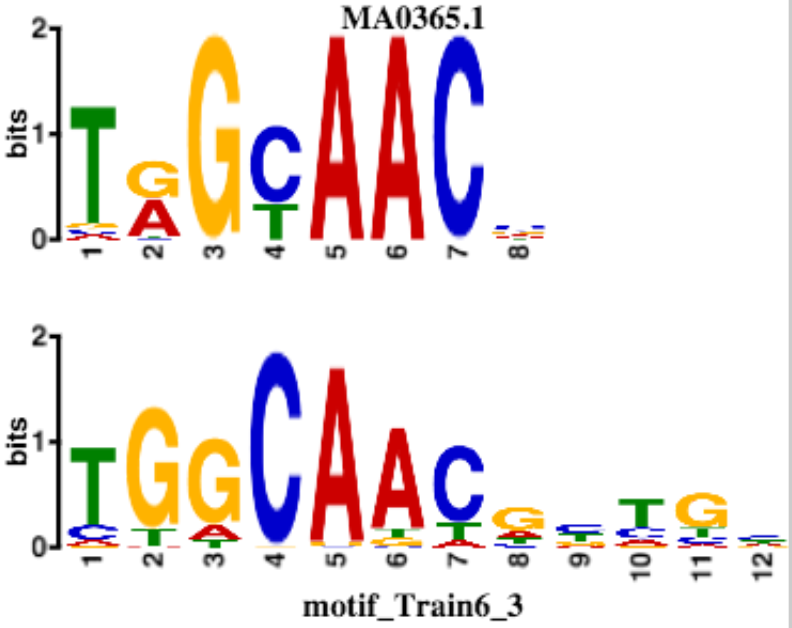
Previous Next Top

Summary

Name	MA0365.1 (RFX1)
Database	JASPAR CORE 2014
***p*-value**	2.67e-04
***E*-value**	2.61e-01
***q*-value**	5.23e-01
Overlap	8
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment



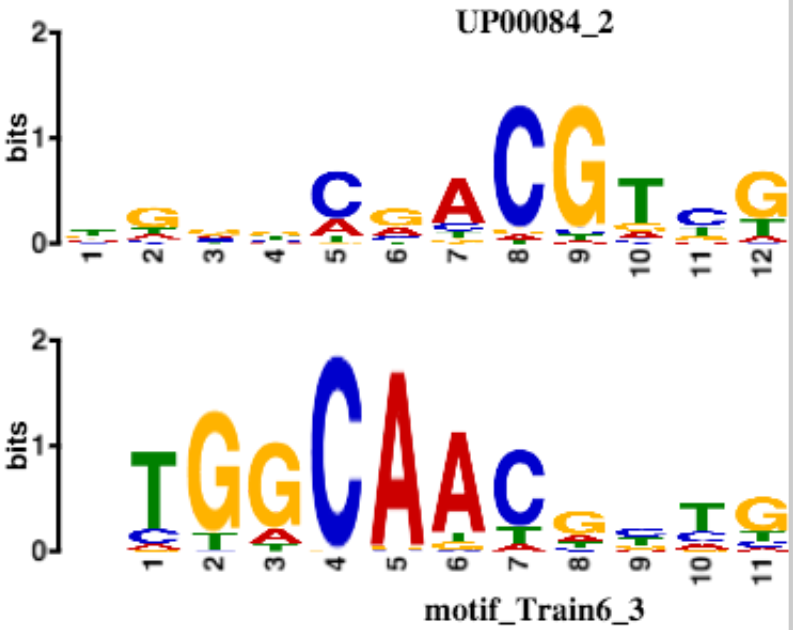
Summary

Alignment

UP00084_2

Name	(Gmeb1_secondary)
Database	uniprobe mouse
***p*-value**	1.13e-03
***E*-value**	1.10e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Normal

Show logo download options

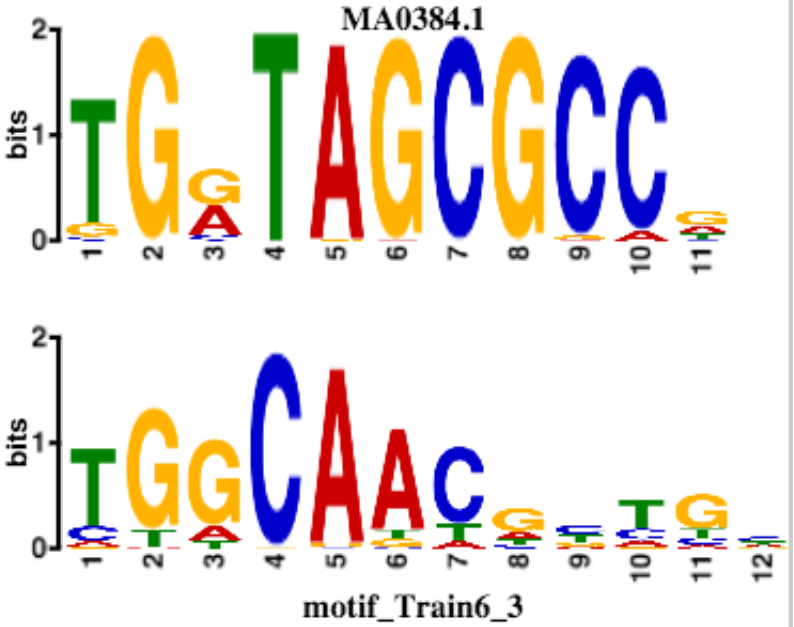


Summary

Name	MA0384.1 (SNT2)
Database	JASPAR CORE 2014
***p*-value**	2.17e-03
***E*-value**	2.12e+00
***q*-value**	1.00e+00
Overlap	11
Offset	0
Orientation	Normal

Show logo download options

Alignment

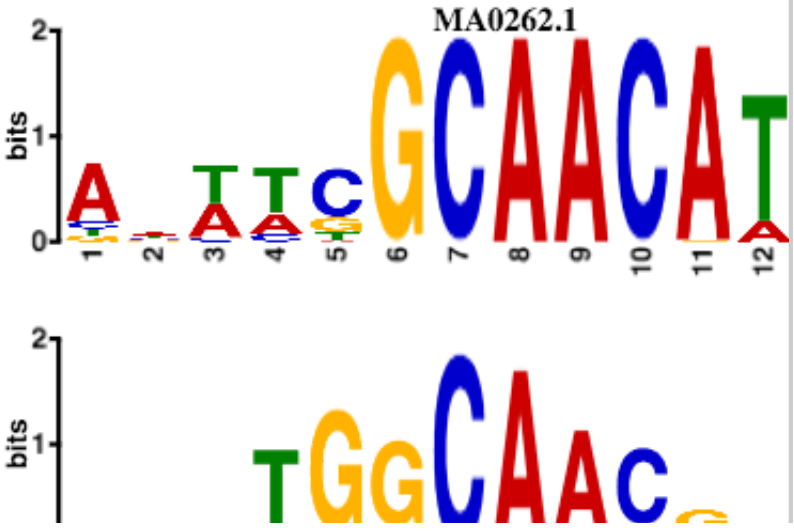


Summary

Name	MA0262.1 (mab-3)
Database	JASPAR CORE 2014
***p*-value**	3.69e-03
***E*-value**	3.61e+00
***q*-value**	1.00e+00
Overlap	10
Offset	3
Orientation	Reverse Complement

Show logo download options

Alignment

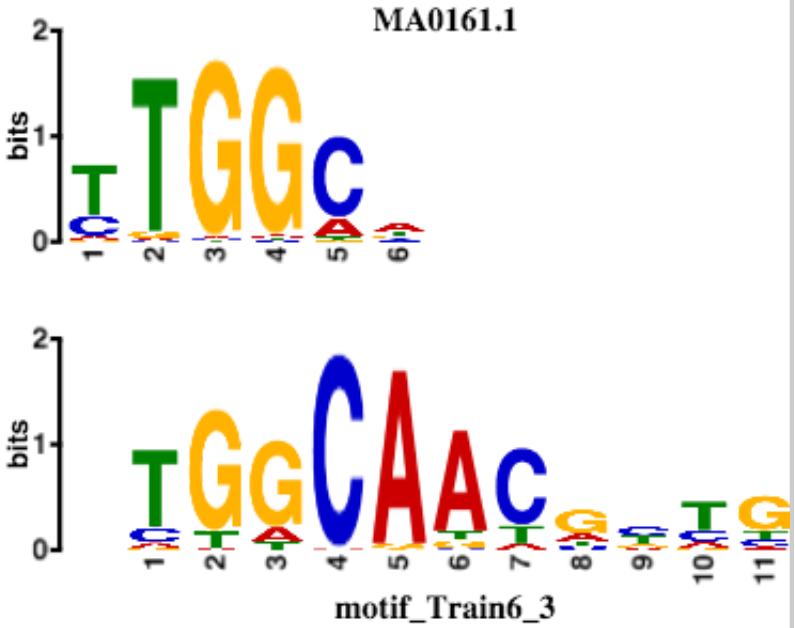


Summary

Name	MA0161.1 (NFIC)
Database	JASPAR CORE 2014
***p*-value**	5.83e-03
***E*-value**	5.71e+00
***q*-value**	1.00e+00
Overlap	5
Offset	1
Orientation	Normal

Show logo download options

Alignment

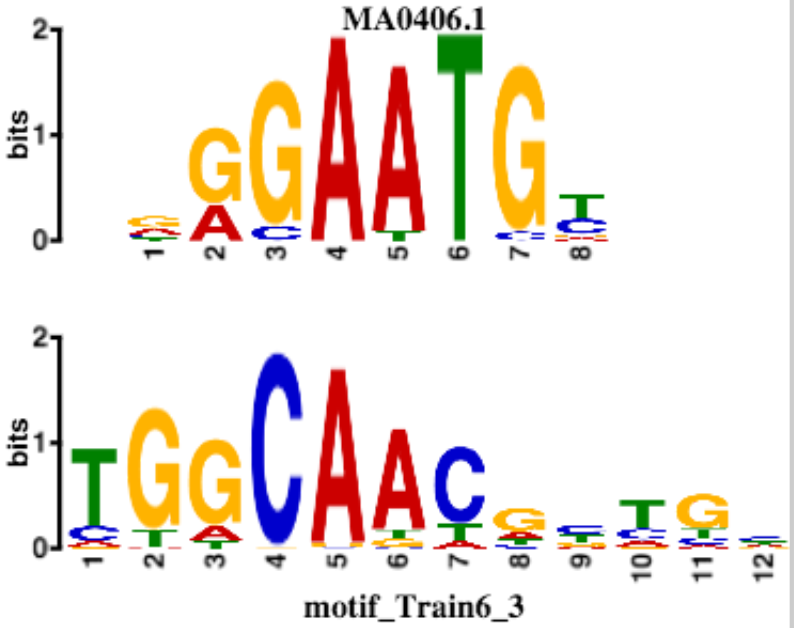


Summary

Name	MA0406.1 (TEC1)
Database	JASPAR CORE 2014
***p*-value**	7.28e-03
***E*-value**	7.13e+00
***q*-value**	1.00e+00
Overlap	8
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment



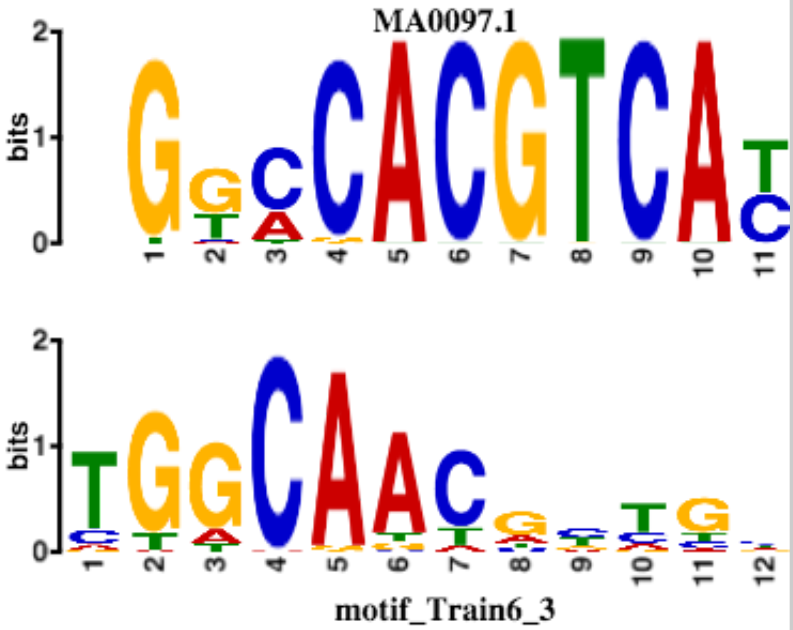
Summary

Name	MA0097.1 (bZIP911)
Database	JASPAR CORE 2014
***p*-value**	7.51e-03
***E*-value**	7.35e+00
***q*-value**	1.00e+00
Overlap	11

Alignment

Overlap	11
Offset	-1
Orientation	Reverse Complement

Show logo download options

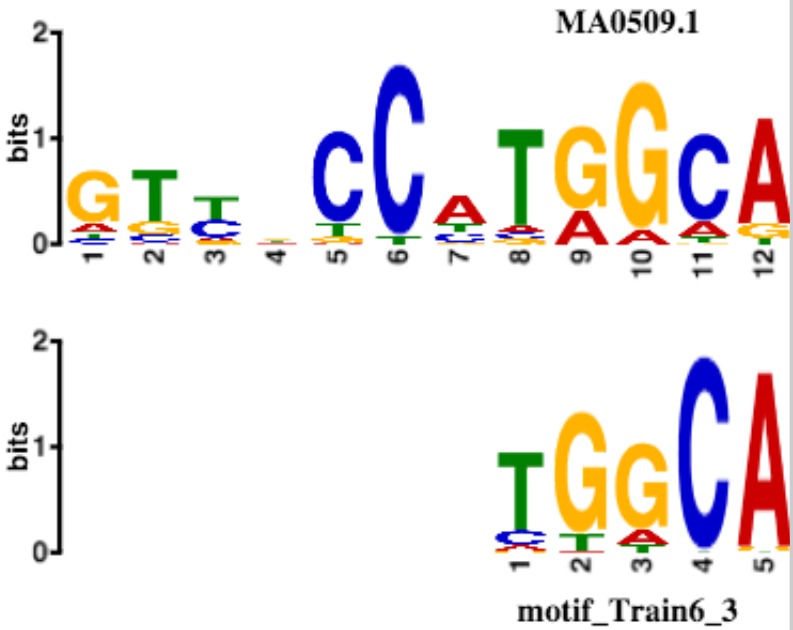


Summary

Name	MA0509.1 (Rfx1)
Database	JASPAR CORE 2014
***p*-value**	9.18e-03
***E*-value**	8.99e+00
***q*-value**	1.00e+00
Overlap	7
Offset	7
Orientation	Normal

Show logo download options

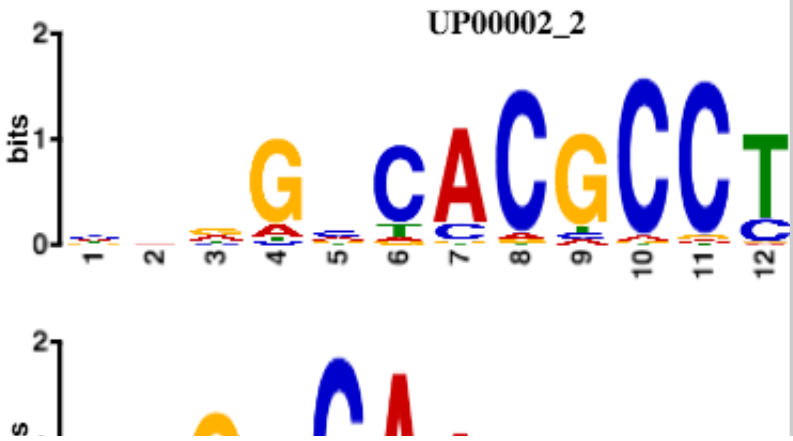
Alignment



Summary

Name	UP00002_2 (Sp4_secondary)
Database	uniprobe mouse
***p*-value**	9.94e-03
***E*-value**	9.73e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1

Alignment



Orientation	Reverse Complement

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MATCHES TO MOTIF_TRAIN1_3 (5-TGGCAACGYTGC)

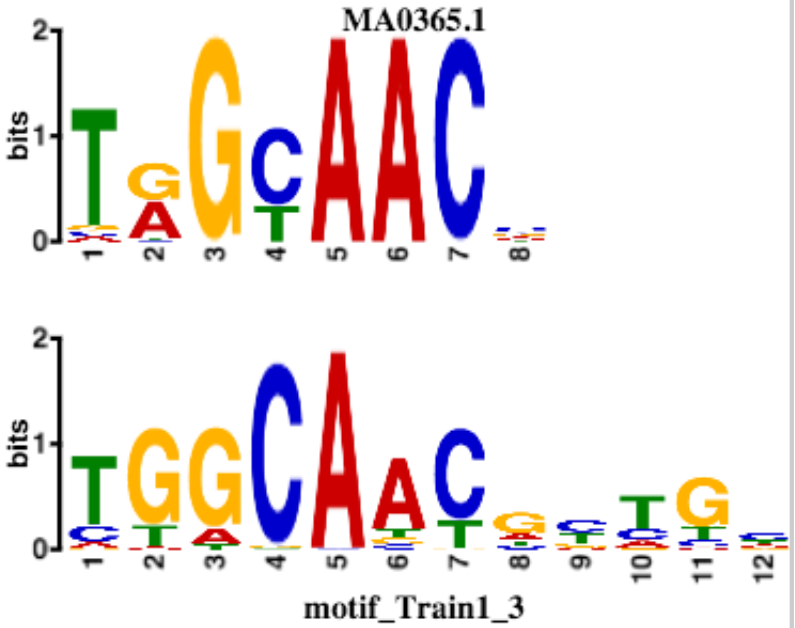
Previous Next Top

Summary

Name	MA0365.1 (RFX1)
Database	JASPAR CORE 2014
***p*-value**	4.70e-04
***E*-value**	4.60e-01
***q*-value**	9.20e-01
Overlap	8
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment

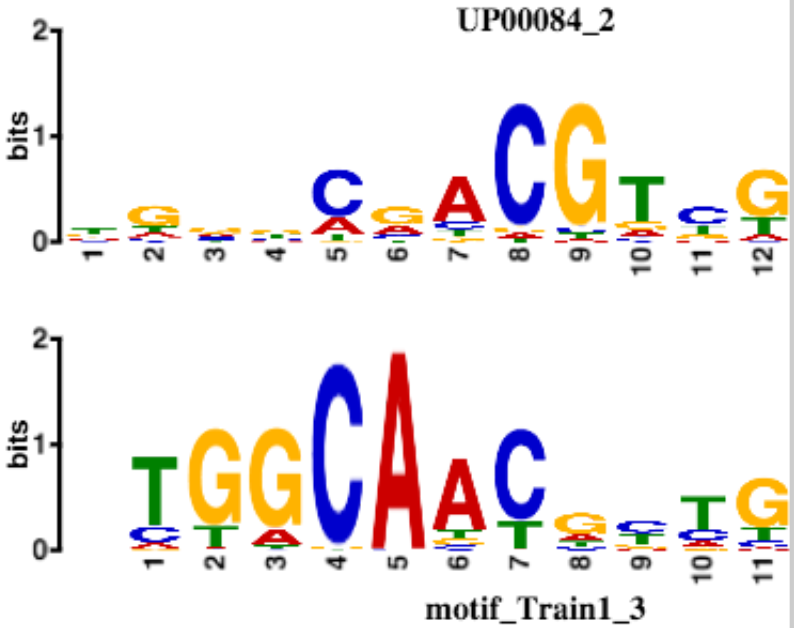


Summary

Name	UP00084_2 (Gmeb1_secondary)
Database	uniprobe mouse
***p*-value**	2.77e-03
***E*-value**	2.71e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Normal

Show logo download options

Alignment



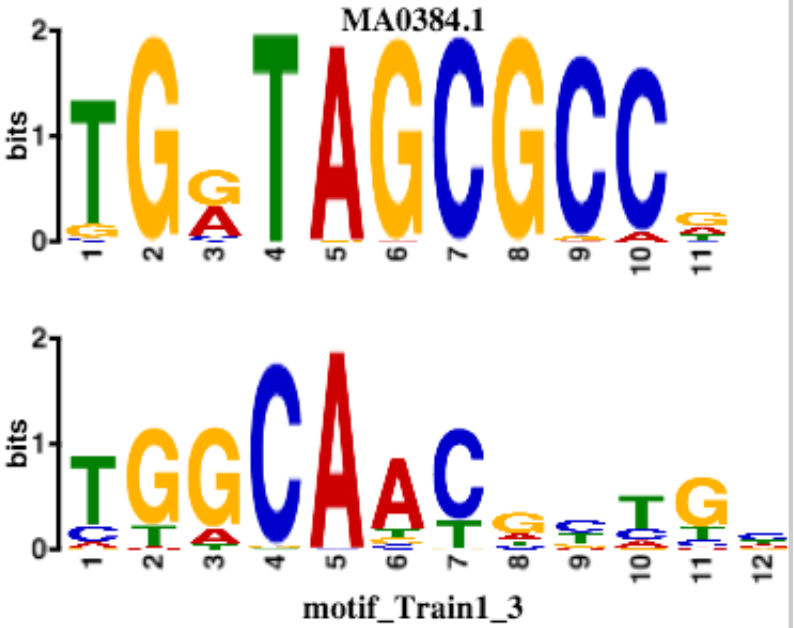
Summary

Name	MA0384.1 (SNT2)
Database	JASPAR CORE 2014

Alignment

***p*-value**	2.99e-03
***E*-value**	2.92e+00
***q*-value**	1.00e+00
Overlap	11
Offset	0
Orientation	Normal

Show logo download options

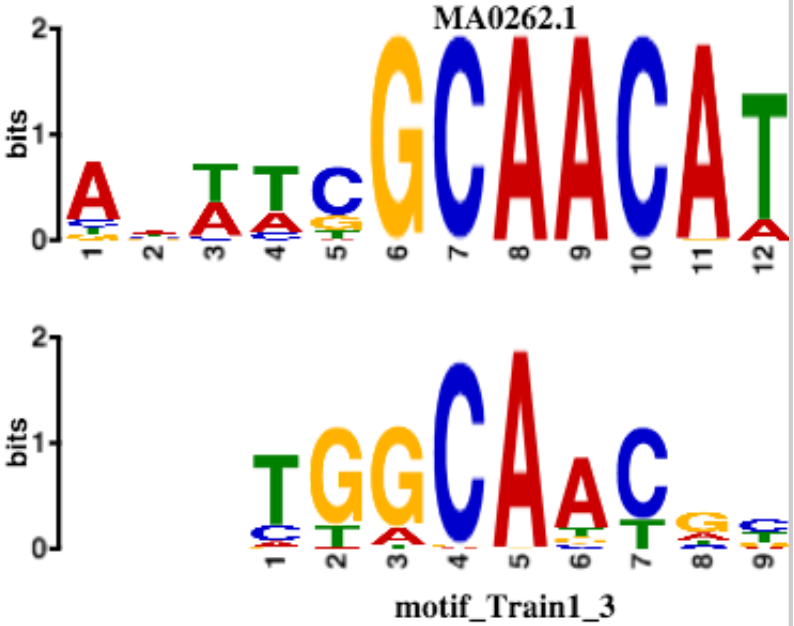


Summary

Name	MA0262.1 (mab-3)
Database	JASPAR CORE 2014
***p*-value**	5.21e-03
***E*-value**	5.10e+00
***q*-value**	1.00e+00
Overlap	10
Offset	3
Orientation	Reverse Complement

Show logo download options

Alignment

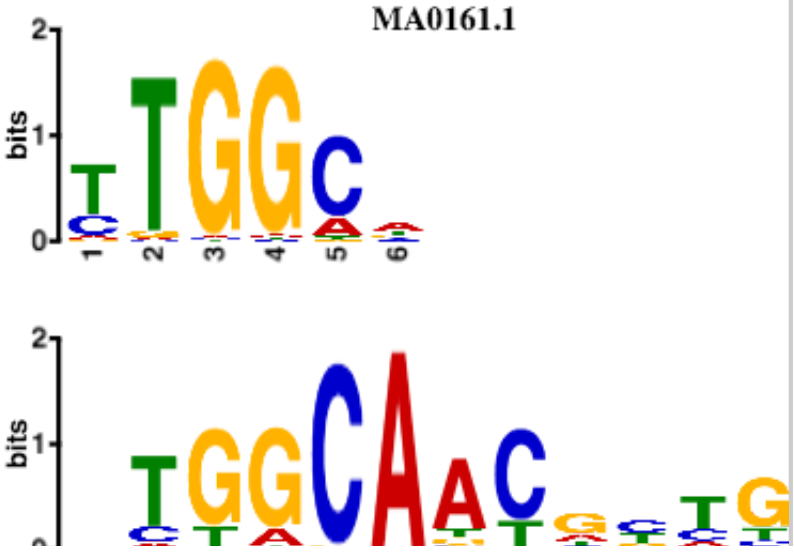


Summary

Name	MA0161.1 (NFIC)
Database	JASPAR CORE 2014
***p*-value**	6.27e-03
***E*-value**	6.14e+00
***q*-value**	1.00e+00
Overlap	5
Offset	1
Orientation	Normal

Show logo download options

Alignment

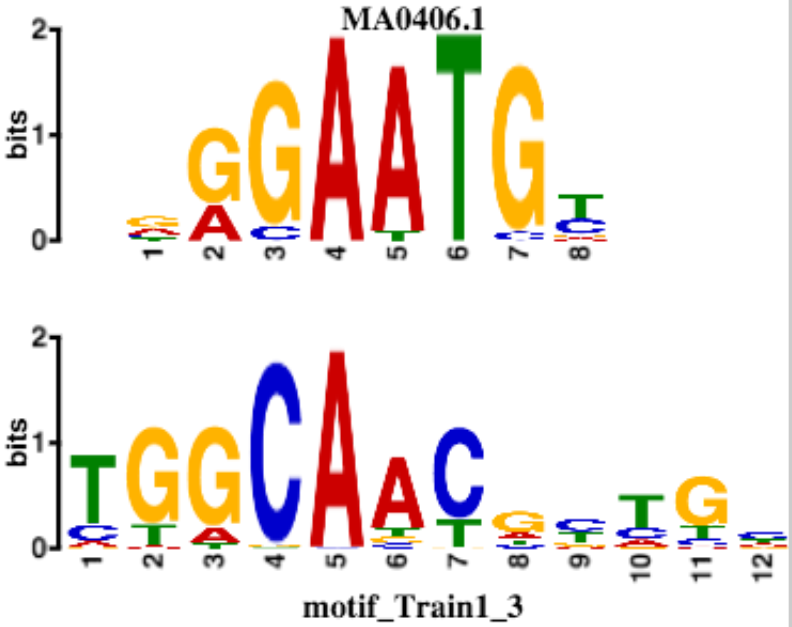


Summary

Name	MA0406.1 (TEC1)
Database	JASPAR CORE 2014
***p*-value**	6.28e-03
***E*-value**	6.15e+00
***q*-value**	1.00e+00
Overlap	8
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment

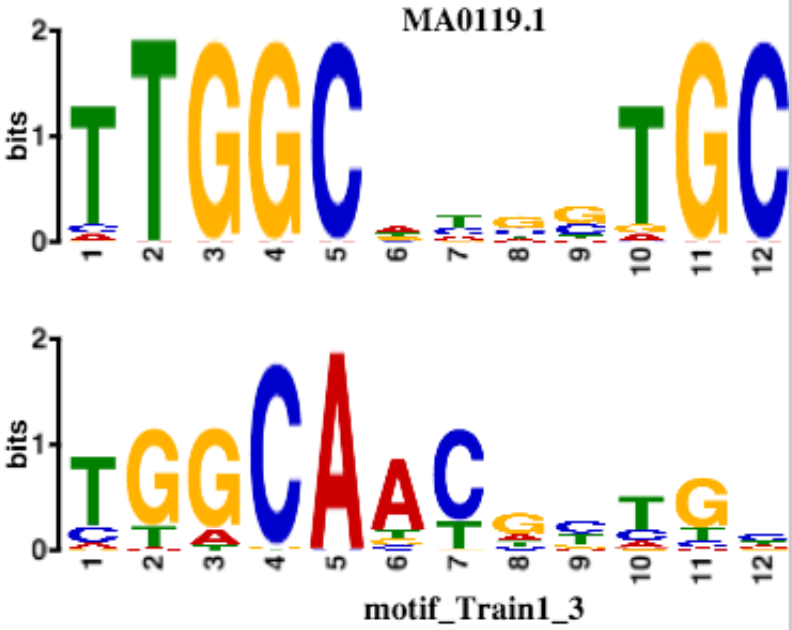


Summary

Name	MA0119.1 (TLX1::NFIC)
Database	JASPAR CORE 2014
***p*-value**	7.97e-03
***E*-value**	7.81e+00
***q*-value**	1.00e+00
Overlap	12
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment



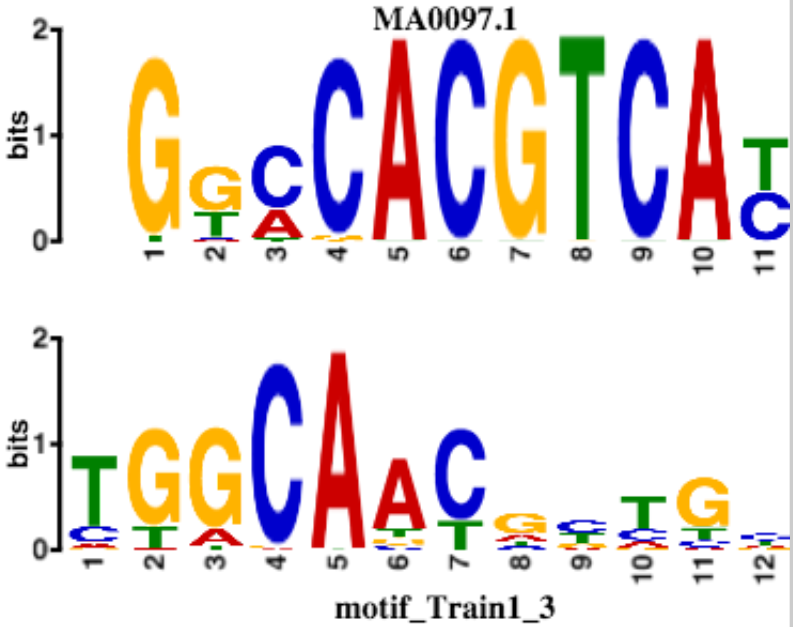
Summary

Name	MA0097.1 (bZIP911)
Database	JASPAR CORE 2014
***p*-value**	9.93e-03
***E*-value**	9.72e+00
***q*-value**	1.00e+00
Overlap	11

Alignment

Offset	-1
Orientation	Reverse Complement

Show logo download options



MATCHES TO MOTIF_TRAIN2_3 (4-TGGCAACGTTGC)

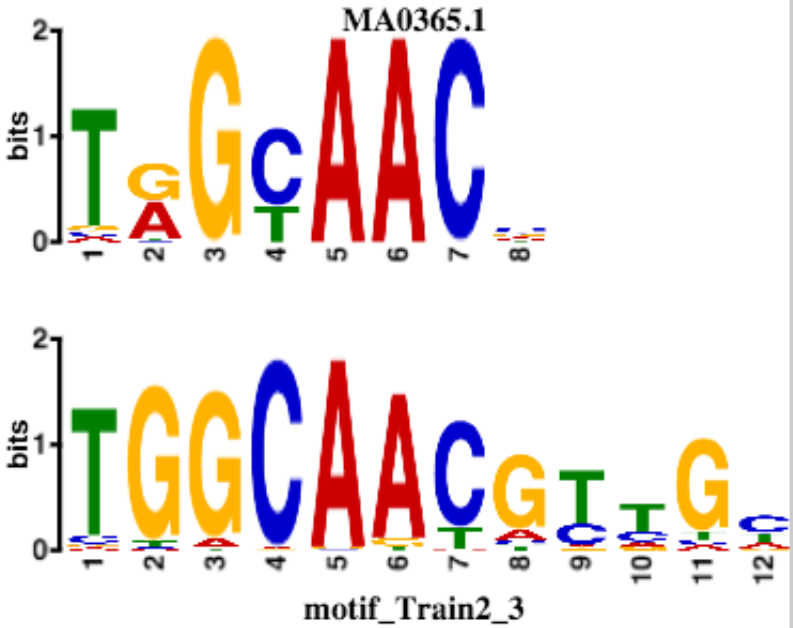
Previous Next Top

Summary

Name	MA0365.1 (RFX1)
Database	JASPAR CORE 2014
***p*-value**	1.95e-04
***E*-value**	1.91e-01
***q*-value**	3.83e-01
Overlap	8
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment



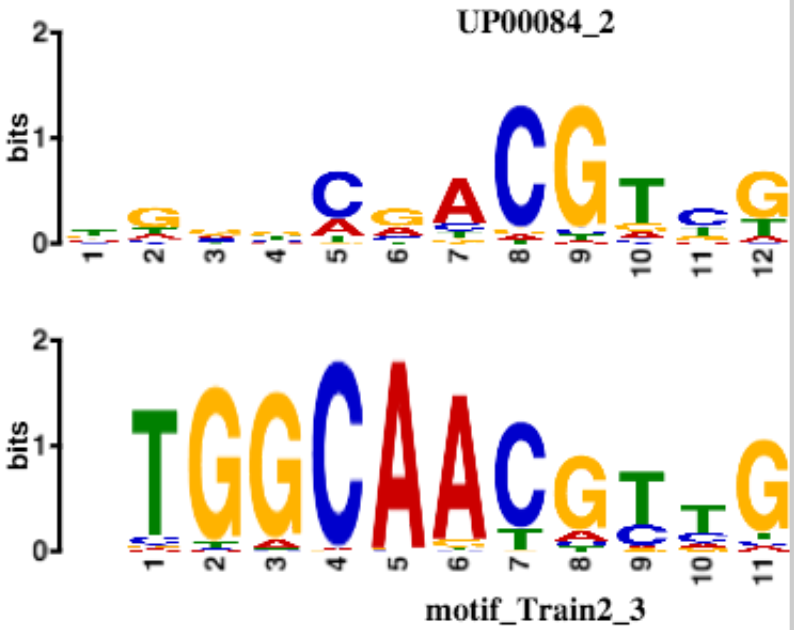
Summary

Name	UP00084_2 (Gmeb1_secondary)
Database	uniprobe mouse
***p*-value**	7.46e-04

Alignment

***E*-value**	7.30e-01
***q*-value**	7.30e-01
Overlap	12
Offset	1
Orientation	Normal

Show logo download options

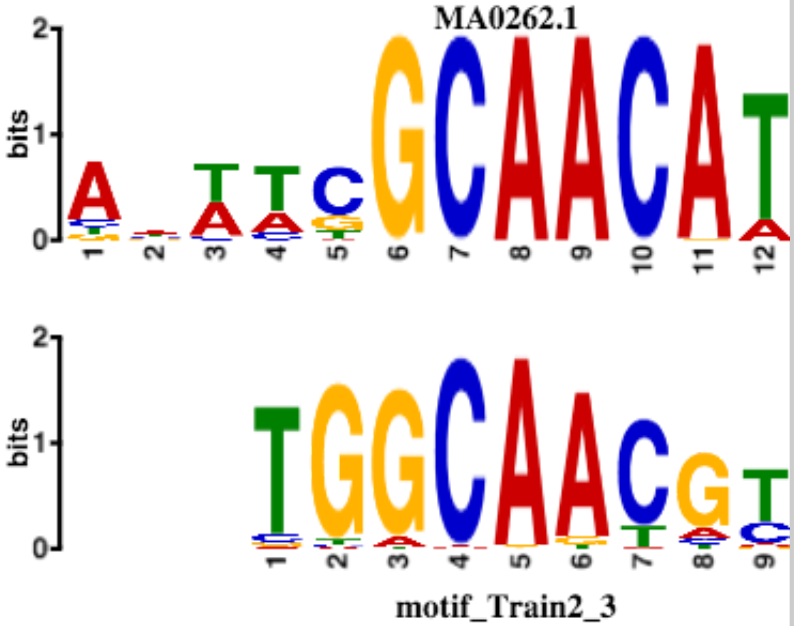


Summary

Name	MA0262.1 (mab-3)
Database	JASPAR CORE 2014
***p*-value**	2.21e-03
***E*-value**	2.16e+00
***q*-value**	1.00e+00
Overlap	10
Offset	3
Orientation	Reverse Complement

Show logo download options

Alignment

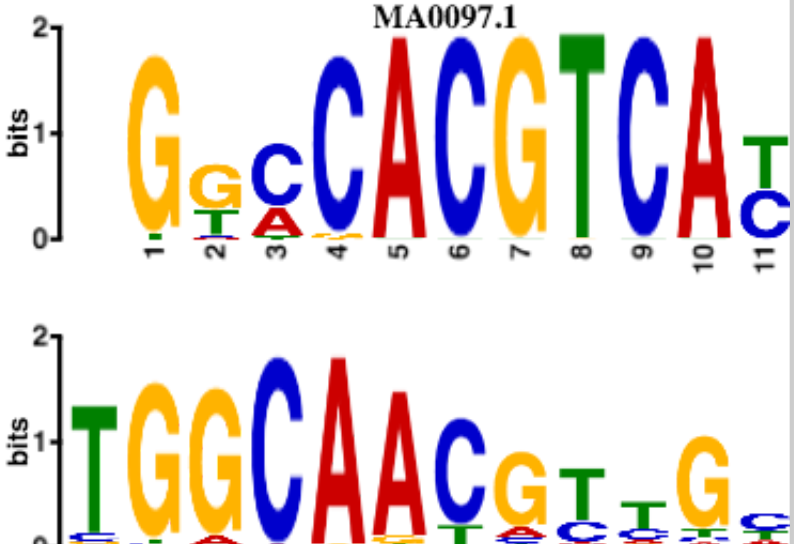


Summary

Name	MA0097.1 (bZIP911)
Database	JASPAR CORE 2014
***p*-value**	3.82e-03
***E*-value**	3.74e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment



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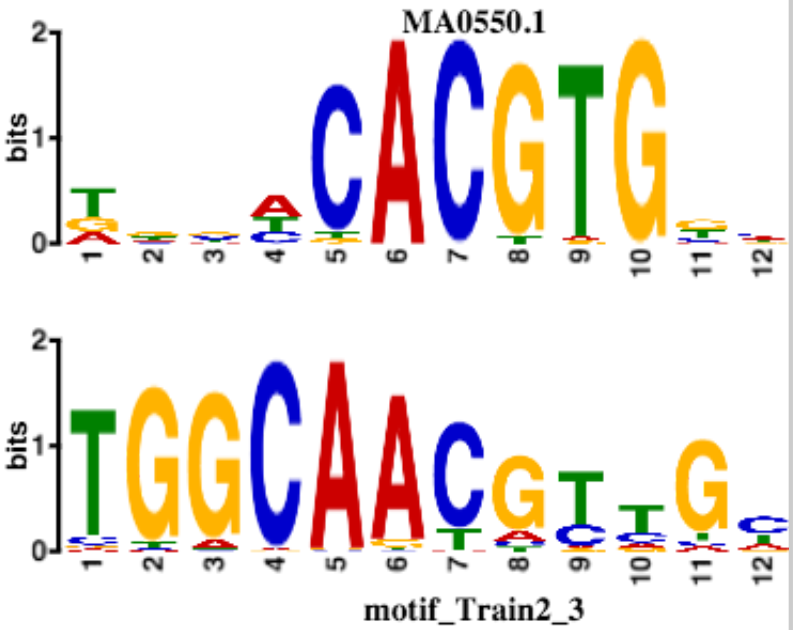
Summary

Name	MA0550.1 (BZR1)
Database	JASPAR CORE 2014
***p*-value**	4.31e-03
***E*-value**	4.22e+00
***q*-value**	1.00e+00
Overlap	12
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment

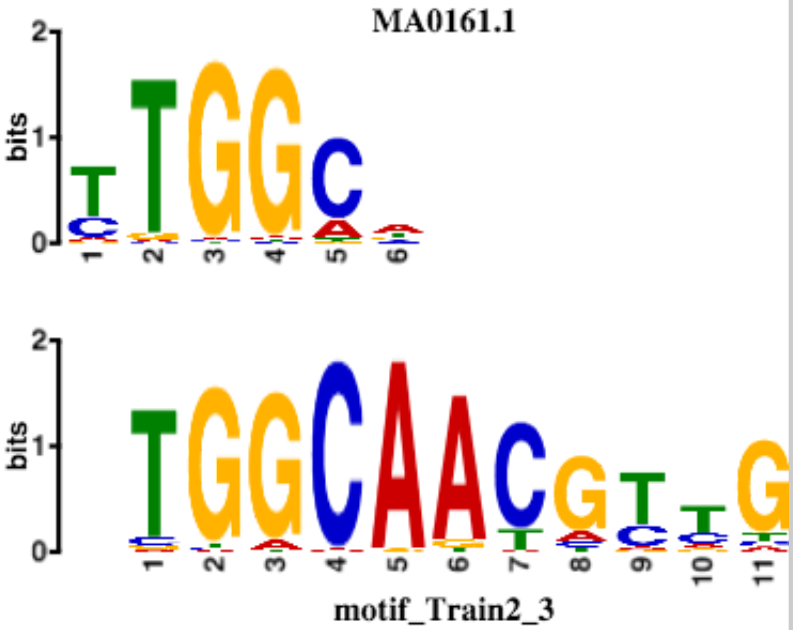


Summary

Name	MA0161.1 (NFIC)
Database	JASPAR CORE 2014
***p*-value**	4.44e-03
***E*-value**	4.35e+00
***q*-value**	1.00e+00
Overlap	5
Offset	1
Orientation	Normal

Show logo download options

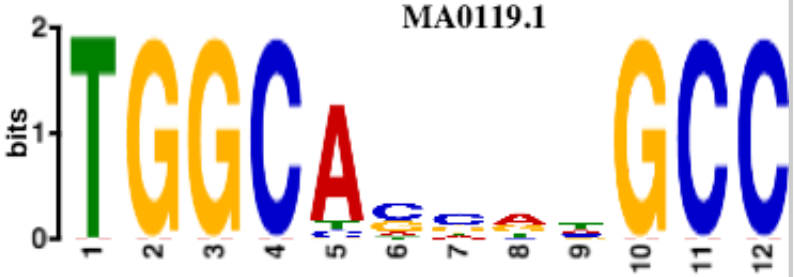
Alignment



Summary

Name	MA0119.1 (TLX1::NFIC)
Database	JASPAR CORE 2014
***p*-value**	4.50e-03
***E*-value**	4.40e+00
***q*-value**	1.00e+00

Alignment



Overlap	12
Offset	0
Orientation	Normal

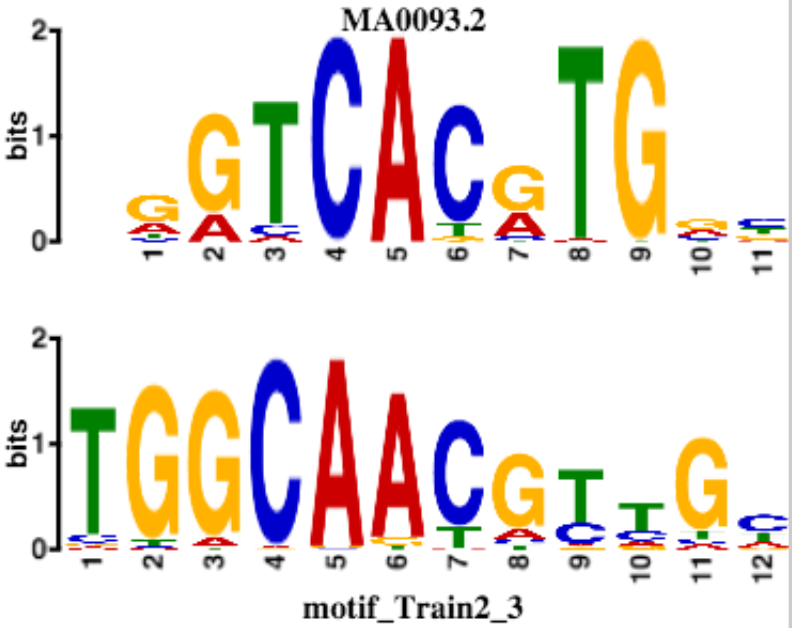
Show logo download options

Summary

Name	MA0093.2 (USF1)
Database	JASPAR CORE 2014
***p*-value**	5.37e-03
***E*-value**	5.26e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment

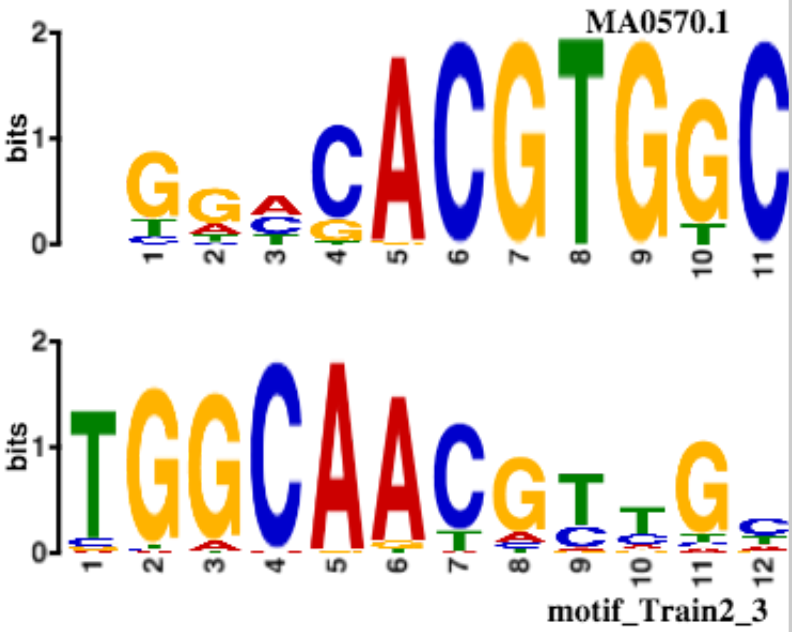


Summary

Name	MA0570.1 (ABF1)
Database	JASPAR CORE 2014
***p*-value**	6.48e-03
***E*-value**	6.35e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Normal

Show logo download options

Alignment



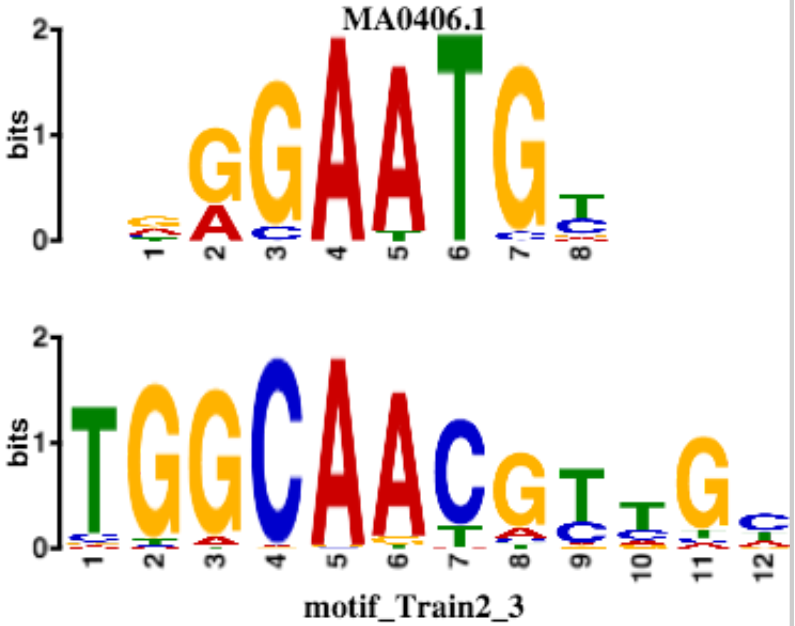
Summary

Name	MA0406.1 (TEC1)
Database	JASPAR CORE 2014

Alignment

***p*-value**	7.05e-03
***E*-value**	6.90e+00
***q*-value**	1.00e+00
Overlap	8
Offset	-1
Orientation	Reverse Complement

Show logo download options

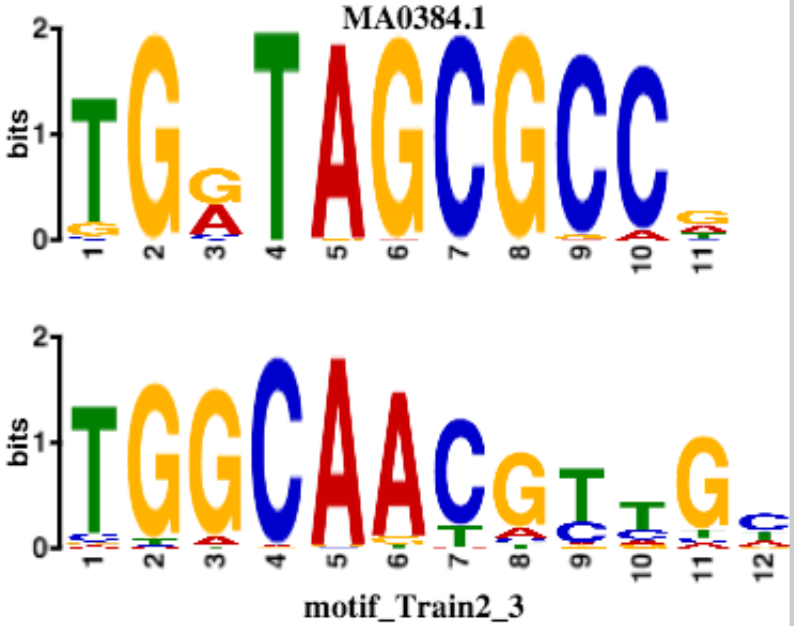


Summary

Name	MA0384.1 (SNT2)
Database	JASPAR CORE 2014
***p*-value**	7.88e-03
***E*-value**	7.71e+00
***q*-value**	1.00e+00
Overlap	11
Offset	0
Orientation	Normal

Show logo download options

Alignment



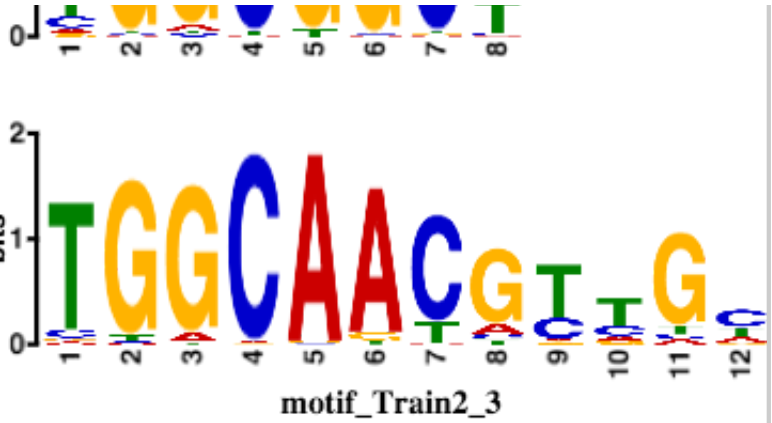
Summary

Name	MA0567.1 (ERF1)
Database	JASPAR CORE 2014
***p*-value**	9.59e-03

Alignment

***E*-value**	9.39e+00
***q*-value**	1.00e+00
Overlap	8
Offset	0
Orientation	Reverse Complement

Show logo download options



MATCHES TO MOTIF_TRAIN7_3 (5-TGGCAACGYTGY)

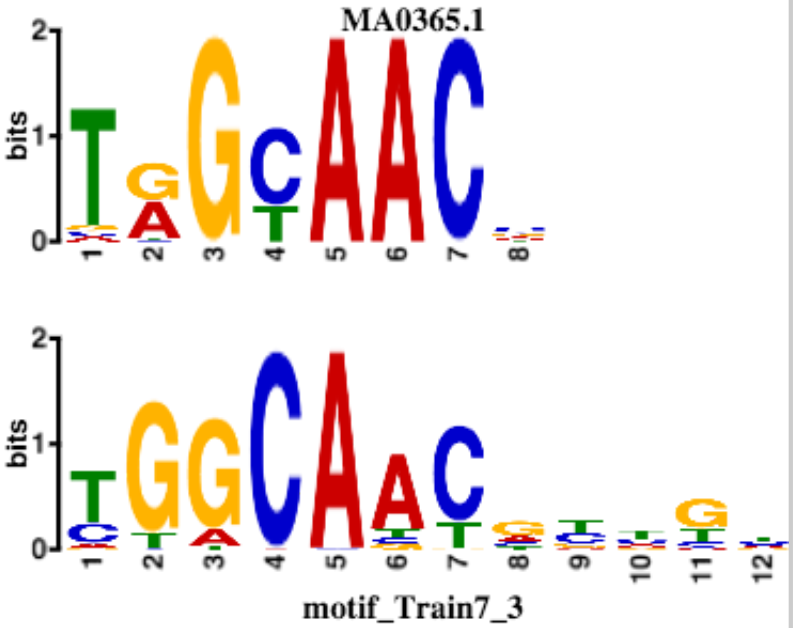
Previous Next Top

Summary

Name	MA0365.1 (RFX1)
Database	JASPAR CORE 2014
***p*-value**	2.83e-04
***E*-value**	2.77e-01
***q*-value**	5.18e-01
Overlap	8
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment

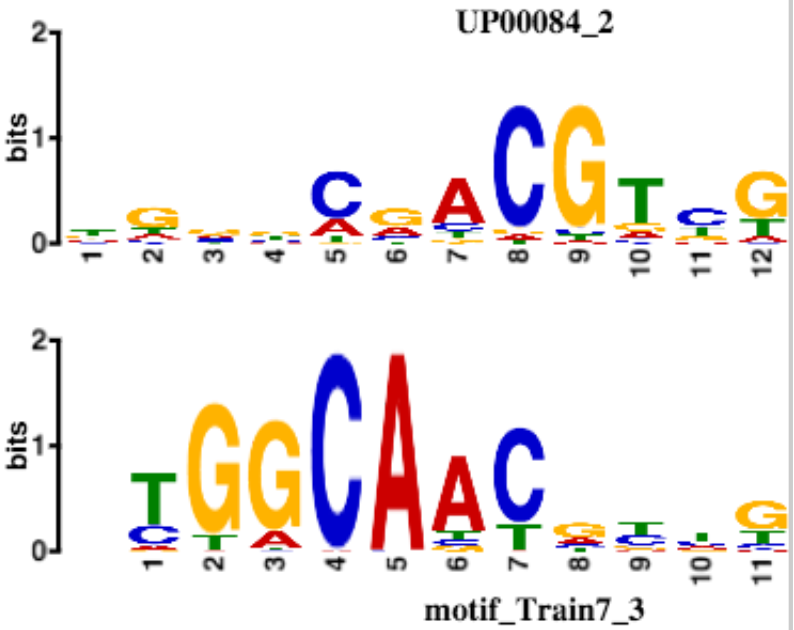


Summary

Name	UP00084_2 (Gmeb1_secondary)
Database	uniprobe mouse
***p*-value**	5.29e-04
***E*-value**	5.18e-01
***q*-value**	5.18e-01
Overlap	12
Offset	1
Orientation	Normal

Show logo download options

Alignment

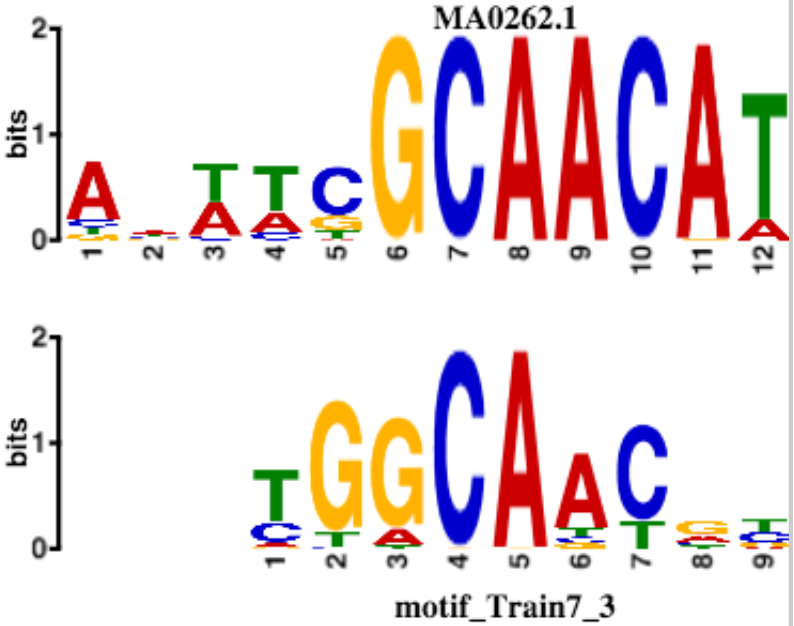


Summary

Name	MA0262.1 (mab-3)
Database	JASPAR CORE 2014
***p*-value**	2.22e-03
***E*-value**	2.18e+00
***q*-value**	1.00e+00
Overlap	10
Offset	3
Orientation	Reverse Complement

Show logo download options

Alignment



Summary

Name	MA0384.1 (SNT2)
Database	JASPAR CORE 2014
***p*-value**	3.58e-03
***E*-value**	3.51e+00
***q*-value**	1.00e+00
Overlap	11
Offset	0
Orientation	Normal

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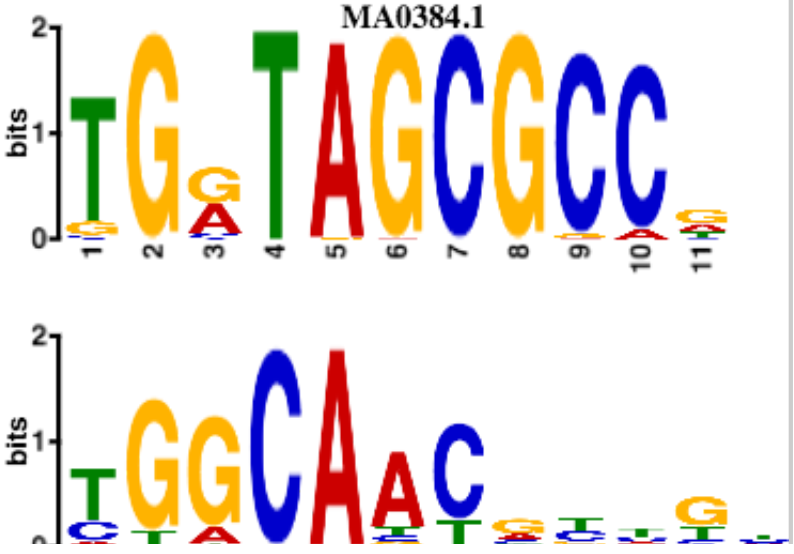
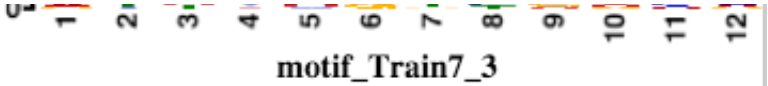
Alignment





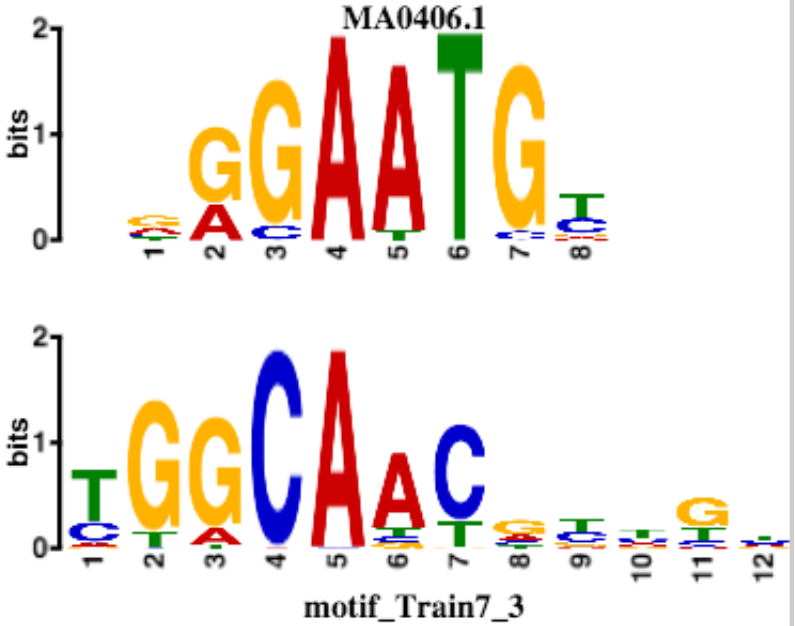
motif_Train7_3

Summary

Name	MA0406.1 (TEC1)
Database	JASPAR CORE 2014
***p*-value**	3.88e-03
***E*-value**	3.80e+00
***q*-value**	1.00e+00
Overlap	8
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment



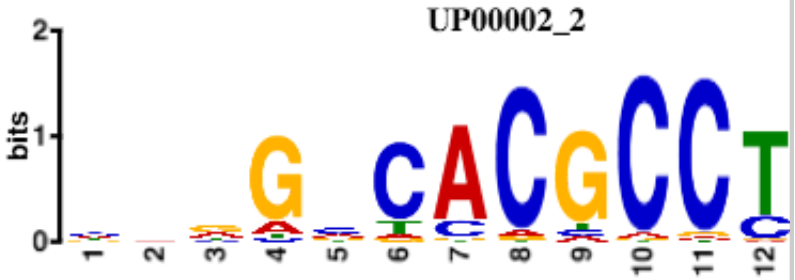
motif_Train7_3

Summary

Name	UP00002_2 (Sp4_secondary)
Database	uniprobe mouse
***p*-value**	5.38e-03
***E*-value**	5.26e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Reverse Complement

Show logo download options

Alignment

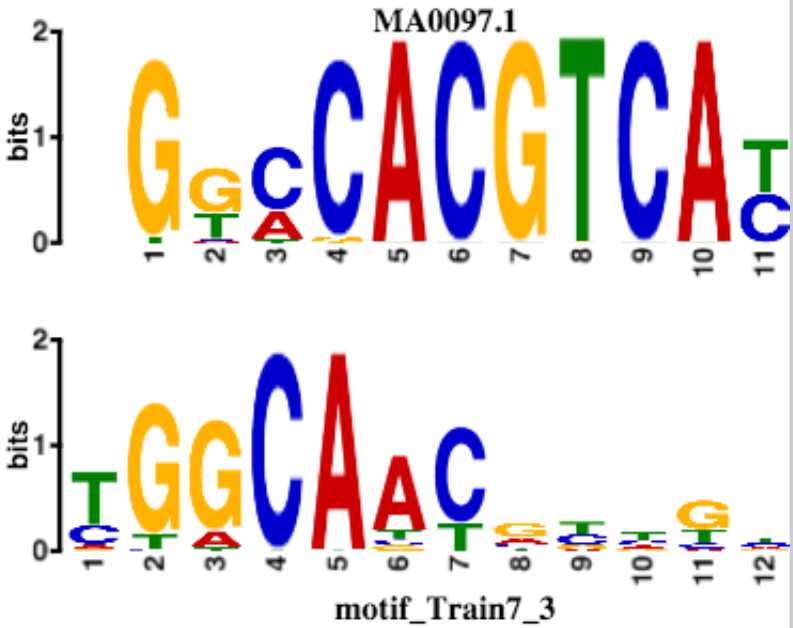


Summary

Name	MA0097.1 (bZIP911)
Database	JASPAR CORE 2014
***p*-value**	6.44e-03
***E*-value**	6.31e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment



Summary

Name	MA0509.1 (Rfx1)
Database	JASPAR CORE 2014
***p*-value**	6.49e-03
***E*-value**	6.36e+00
***q*-value**	1.00e+00
Overlap	7
Offset	7
Orientation	Normal

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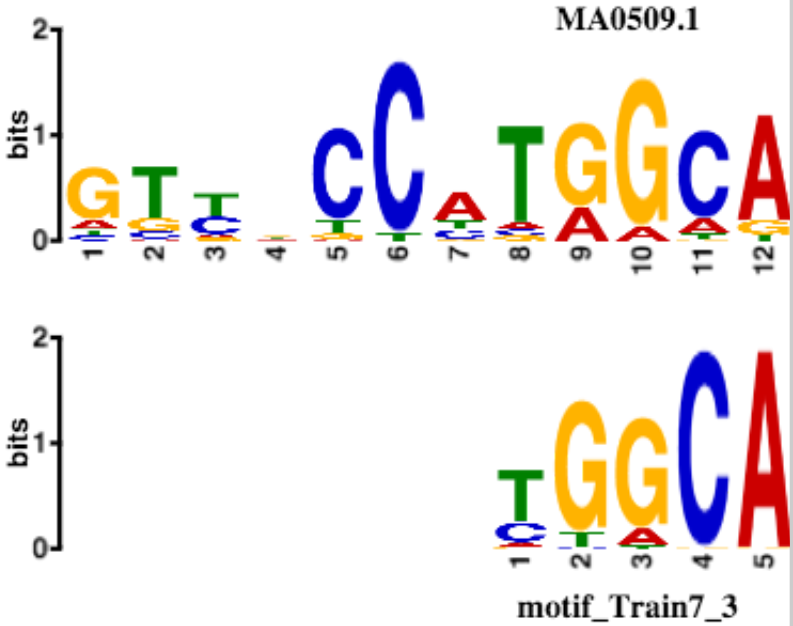
Alignment



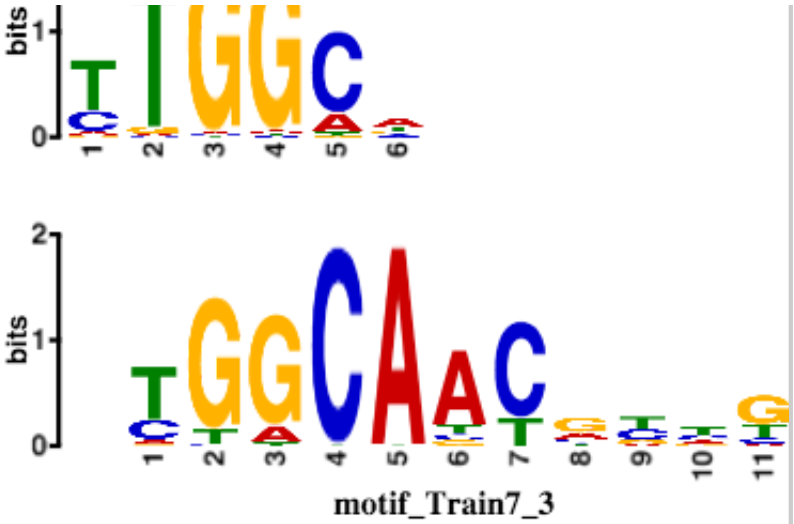
Summary

Name	MA0161.1 (NFIC)
Database	JASPAR CORE 2014

Alignment

***p*-value**	7.82e-03
***E*-value**	7.66e+00
***q*-value**	1.00e+00
Overlap	5
Offset	1
Orientation	Normal

Show logo download options



MATCHES TO MOTIF_TRAIN8_3 (5-TGGCAACGYTGY)

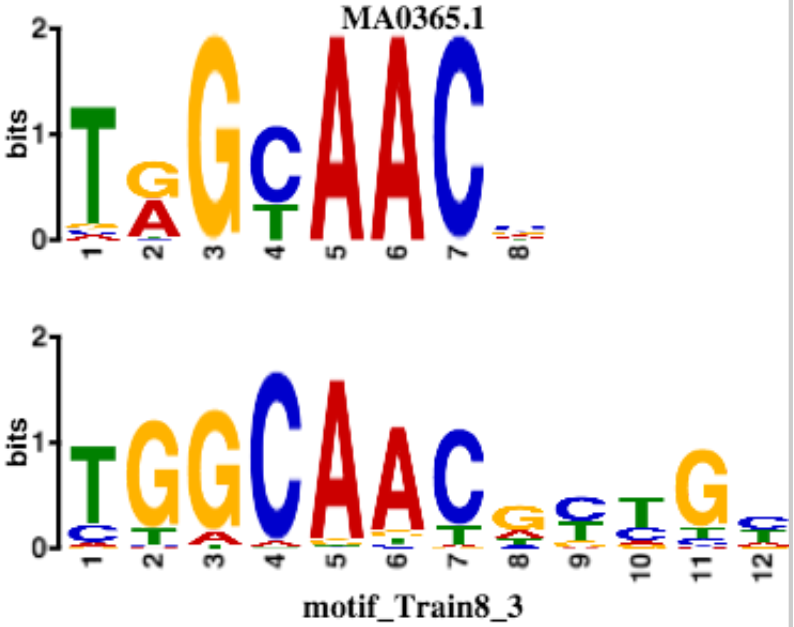
Previous Next Top

Summary

Name	MA0365.1 (RFX1)
Database	JASPAR CORE 2014
***p*-value**	4.36e-04
***E*-value**	4.27e-01
***q*-value**	8.55e-01
Overlap	8
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment

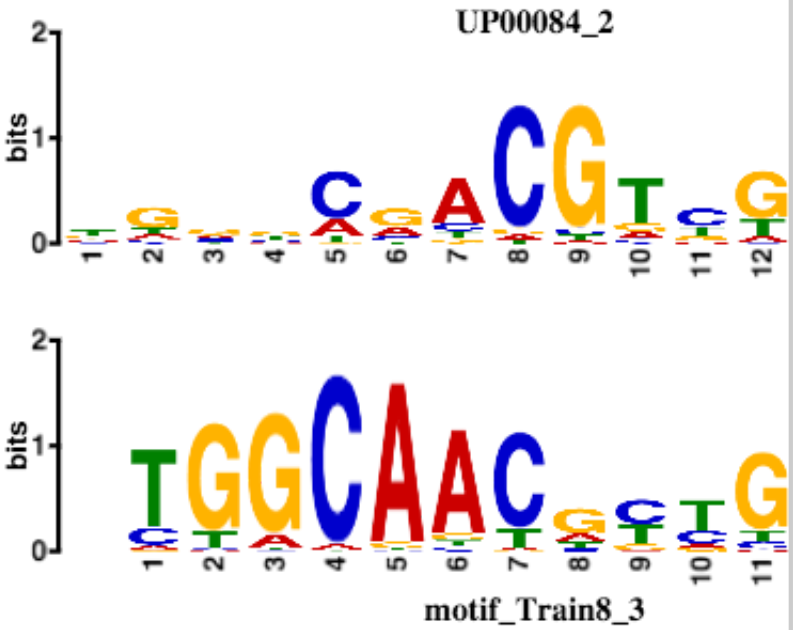


Summary

Name	UP00084_2 (Gmeb1_secondary)
Database	uniprobe mouse
***p*-value**	1.16e-03
***E*-value**	1.13e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Normal

Show logo download options

Alignment

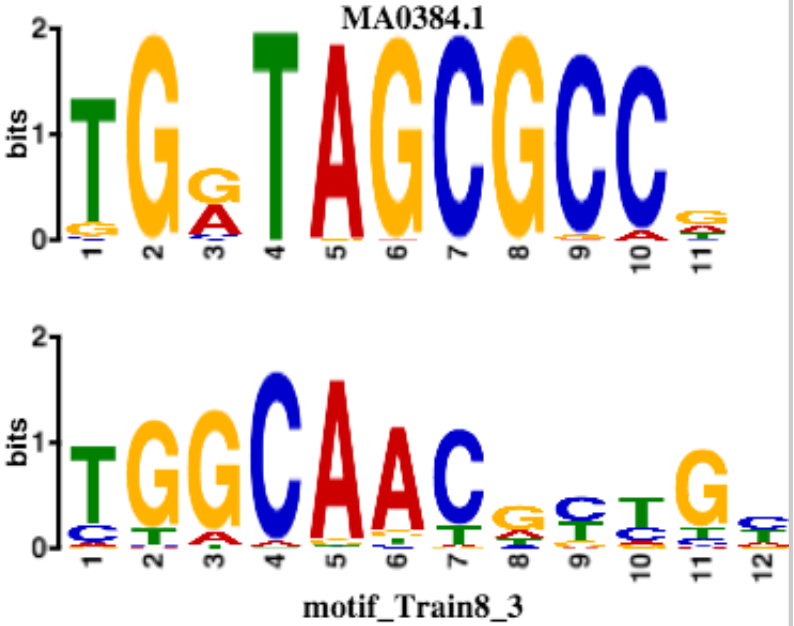


Summary

Name	MA0384.1 (SNT2)
Database	JASPAR CORE 2014
***p*-value**	1.66e-03
***E*-value**	1.63e+00
***q*-value**	1.00e+00
Overlap	11
Offset	0
Orientation	Normal

Show logo download options

Alignment



Summary

Name	MA0262.1 (mab-3)
Database	JASPAR CORE 2014
***p*-value**	4.77e-03
***E*-value**	4.67e+00
***q*-value**	1.00e+00
Overlap	10
Offset	3
Orientation	Reverse Complement

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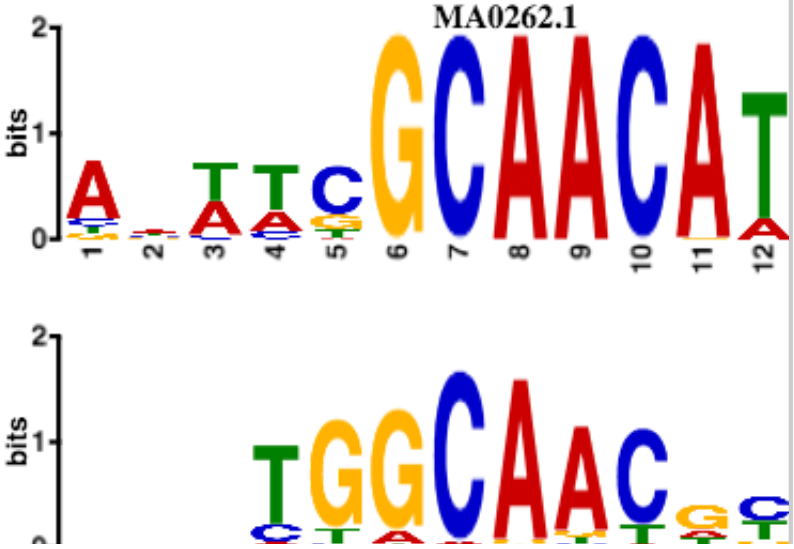
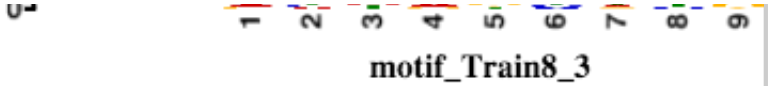
Alignment





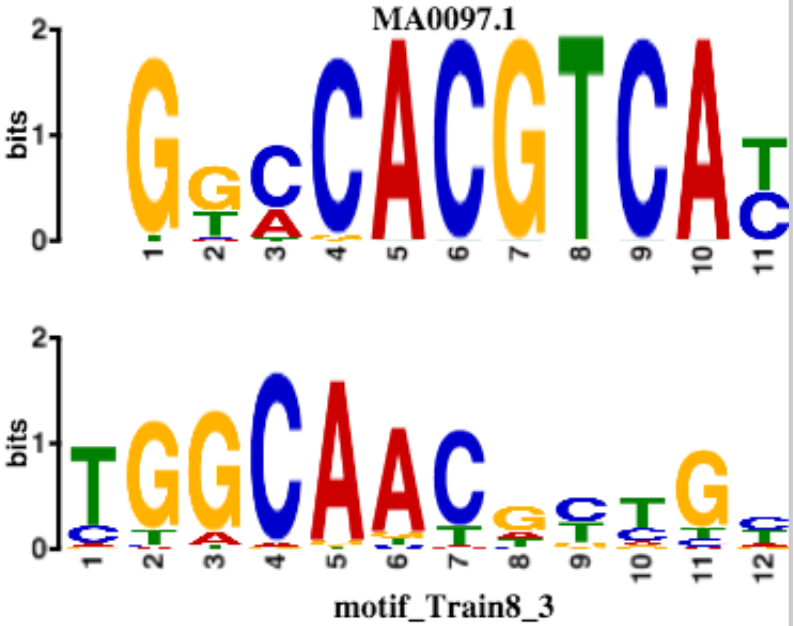
motif_Train8_3

Summary

Name	MA0097.1 (bZIP911)
Database	JASPAR CORE 2014
***p*-value**	5.93e-03
***E*-value**	5.80e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment

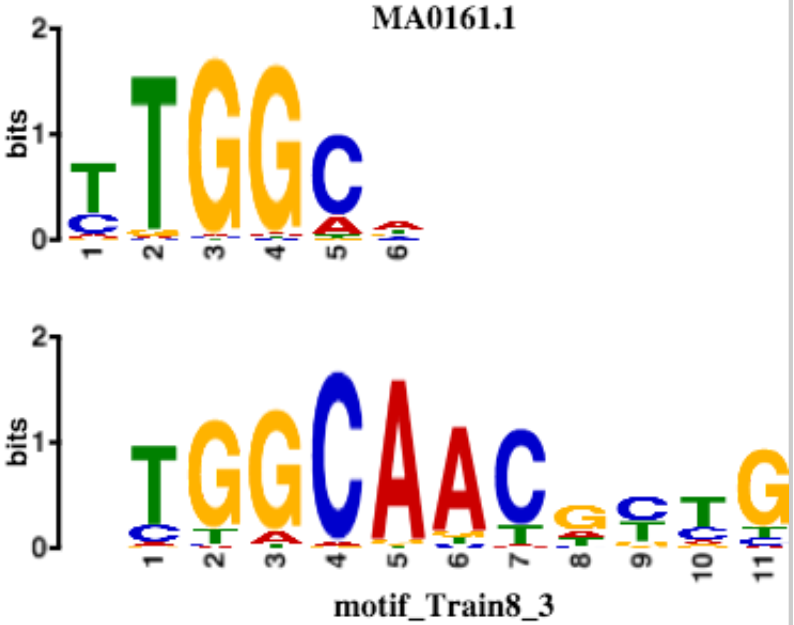


Summary

Name	MA0161.1 (NFIC)
Database	JASPAR CORE 2014
***p*-value**	5.96e-03
***E*-value**	5.84e+00
***q*-value**	1.00e+00
Overlap	5
Offset	1
Orientation	Normal

Show logo download options

Alignment

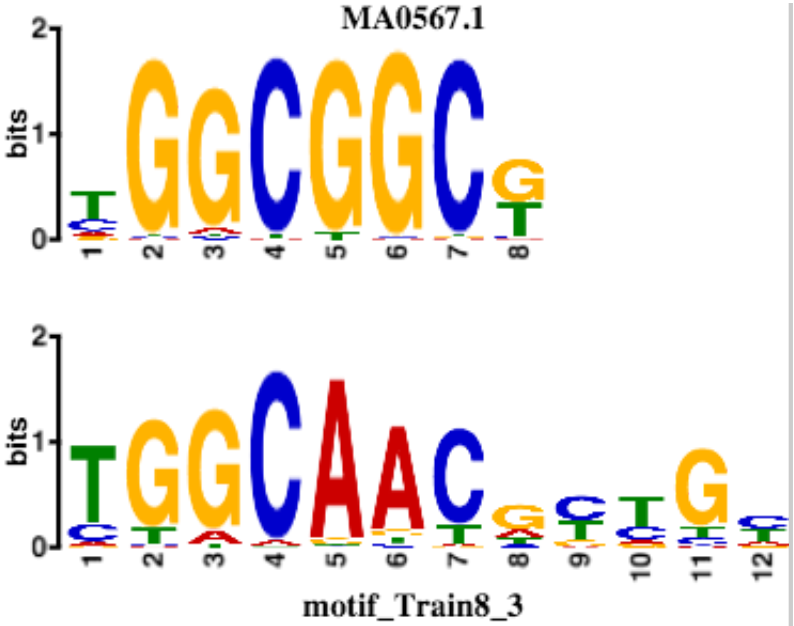


Summary

Alignment

Name	MA0567.1 (ERF1)
Database	JASPAR CORE 2014
***p*-value**	8.42e-03
***E*-value**	8.24e+00
***q*-value**	1.00e+00
Overlap	8
Offset	0
Orientation	Reverse Complement

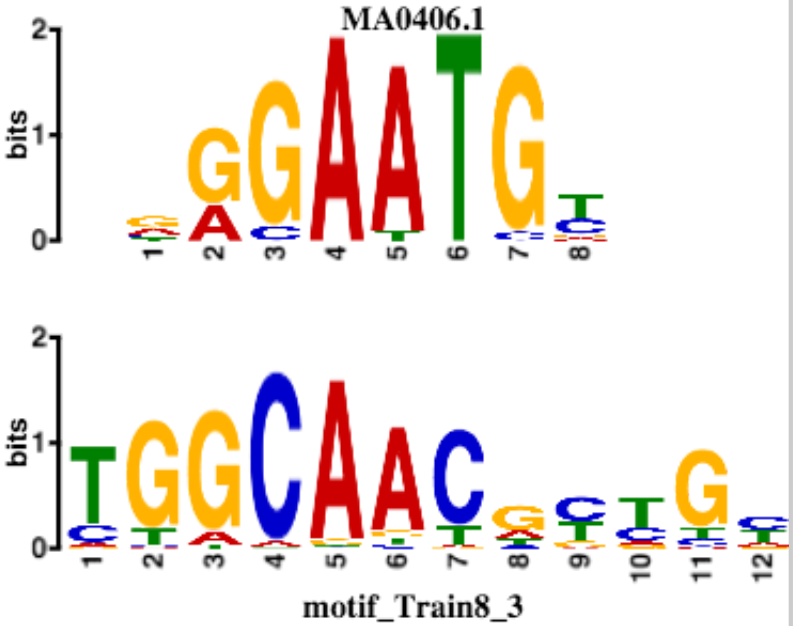
Show logo download options



Summary **Alignment**

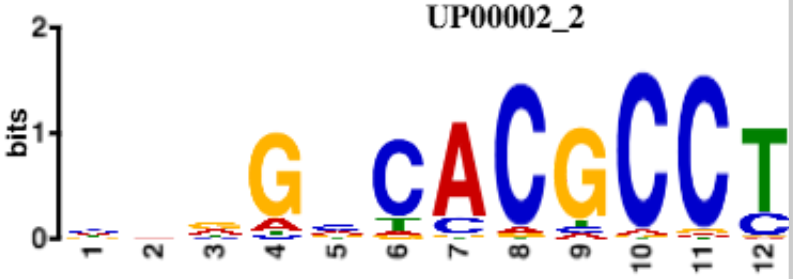
Name	MA0406.1 (TEC1)
Database	JASPAR CORE 2014
***p*-value**	9.05e-03
***E*-value**	8.86e+00
***q*-value**	1.00e+00
Overlap	8
Offset	-1
Orientation	Reverse Complement

Show logo download options



Summary **Alignment**

Name	UP00002_2 (Sp4_secondary)
Database	uniprobe mouse
***p*-value**	9.47e-03
***E*-value**	9.27e+00
***q*-value**	1.00e+00



Overlap	12
Offset	1
Orientation	Reverse Complement

Show logo download options

Summary

Name	MA0509.1 (Rfx1)
Database	JASPAR CORE 2014
***p*-value**	9.81e-03
***E*-value**	9.60e+00
***q*-value**	1.00e+00
Overlap	7
Offset	7
Orientation	Normal

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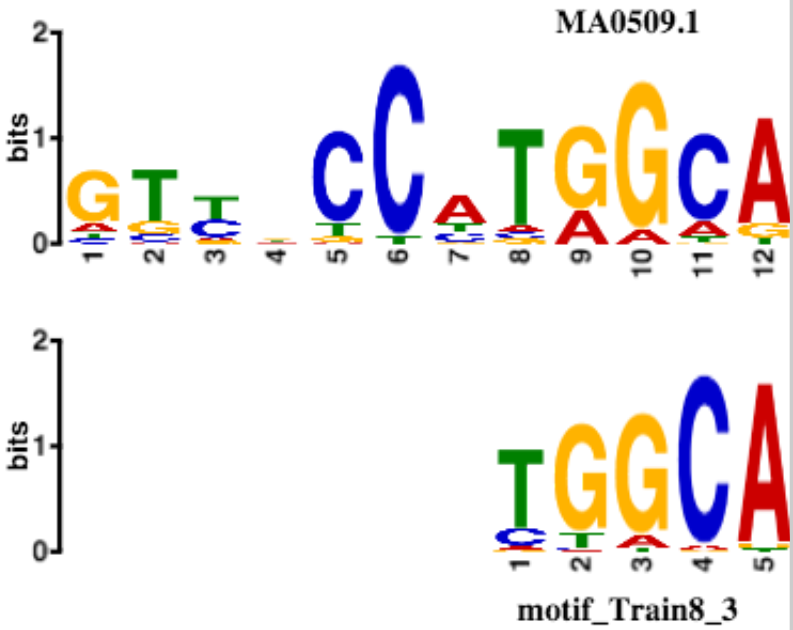
Alignment



MATCHES TO MOTIF_TRAIN4_3 (4-TGGCAACGYTGH)

Previous Next Top

Summary

Name	MA0365.1 (RFX1)
Database	JASPAR CORE 2014
***p*-value**	2.58e-04
***E*-value**	2.53e-01
***q*-value**	5.05e-01
Overlap	8
Offset	0
Orientation	Reverse Complement

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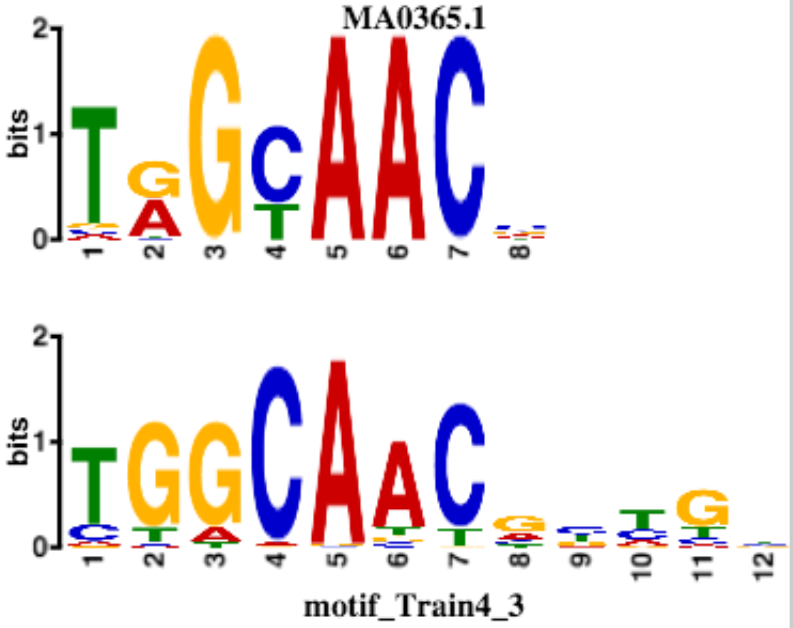
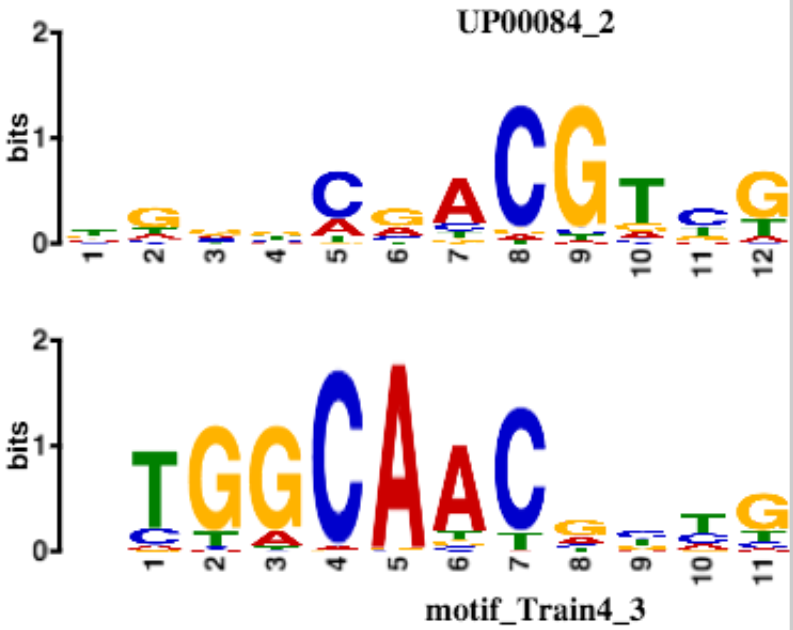
Alignment



Summary **Alignment**

Name	UP00084_2 (Gmeb1_secondary)
Database	uniprobe mouse
***p*-value**	8.25e-04
***E*-value**	8.07e-01
***q*-value**	8.07e-01
Overlap	12
Offset	1
Orientation	Normal

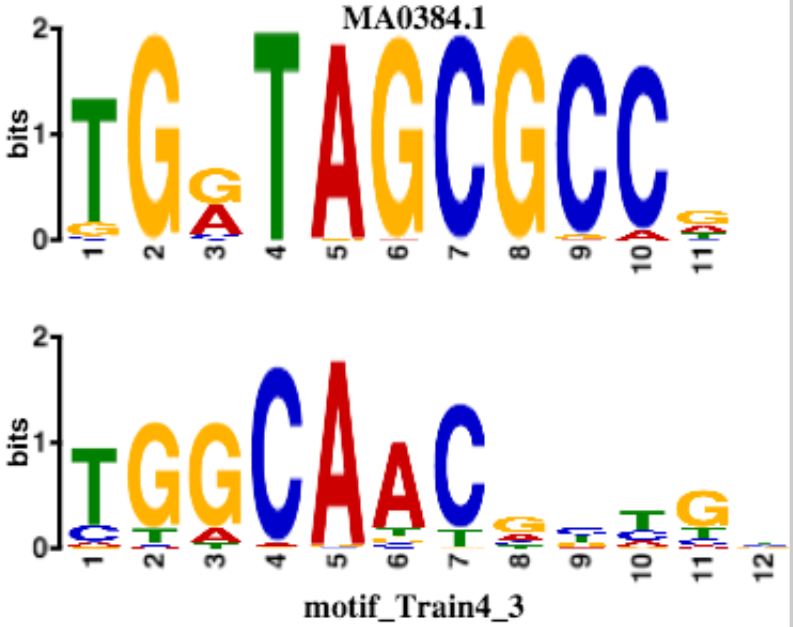
Show logo download options



Summary **Alignment**

Name	MA0384.1 (SNT2)
Database	JASPAR CORE 2014
***p*-value**	1.96e-03
***E*-value**	1.91e+00
***q*-value**	1.00e+00
Overlap	11
Offset	0
Orientation	Normal

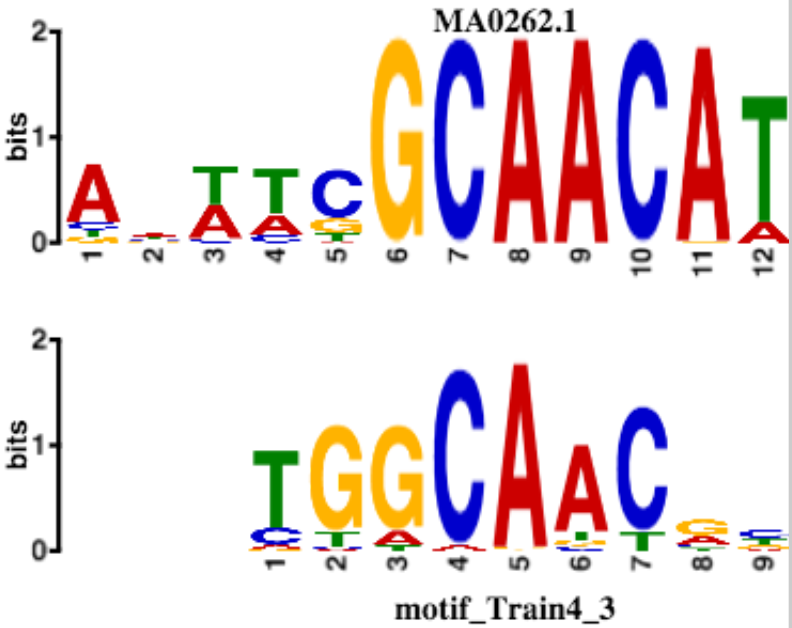
Show logo download options



Summary **Alignment**

Name	MA0262.1 (mab-3)
Database	JASPAR CORE 2014
***p*-value**	2.11e-03
***E*-value**	2.07e+00
***q*-value**	1.00e+00
Overlap	10
Offset	3
Orientation	Reverse Complement

Show logo download options

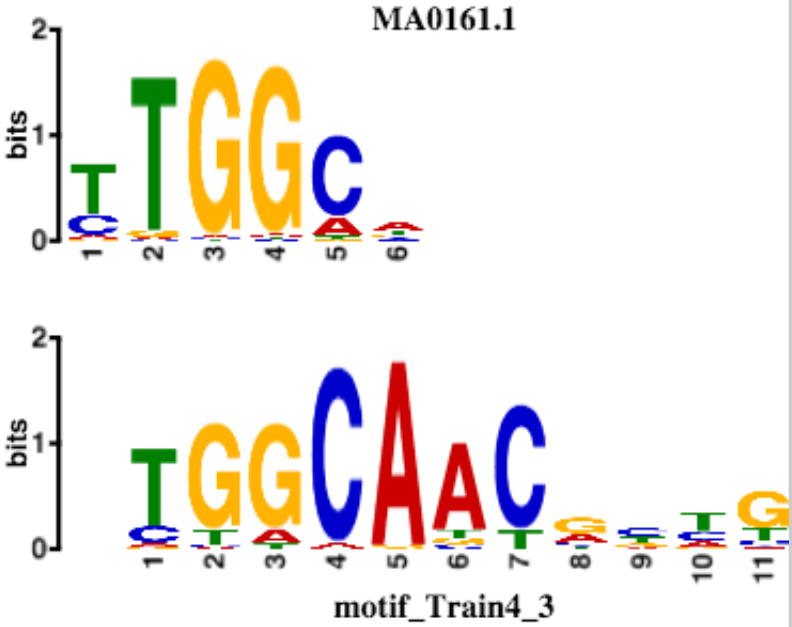


Summary

Name	MA0161.1 (NFIC)
Database	JASPAR CORE 2014
***p*-value**	5.03e-03
***E*-value**	4.92e+00
***q*-value**	1.00e+00
Overlap	5
Offset	1
Orientation	Normal

Show logo download options

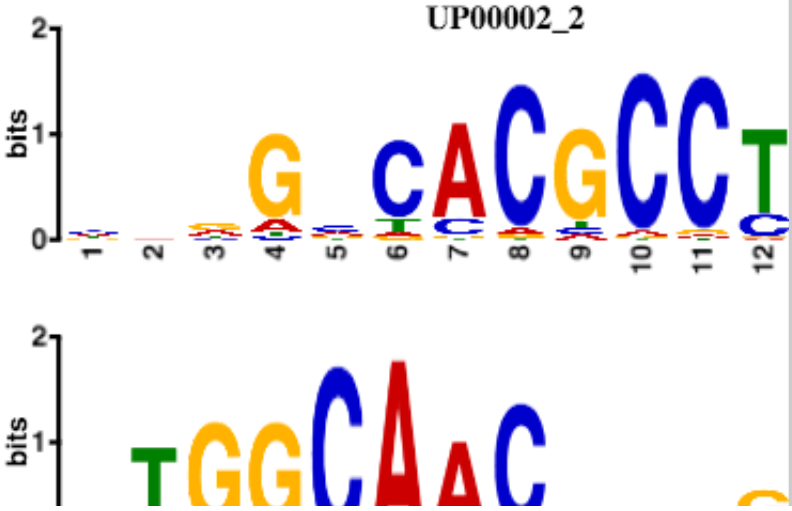
Alignment



Summary

Name	UP00002_2 (Sp4_secondary)
Database	uniprobe mouse
***p*-value**	5.87e-03
***E*-value**	5.75e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Reverse Complement

Alignment



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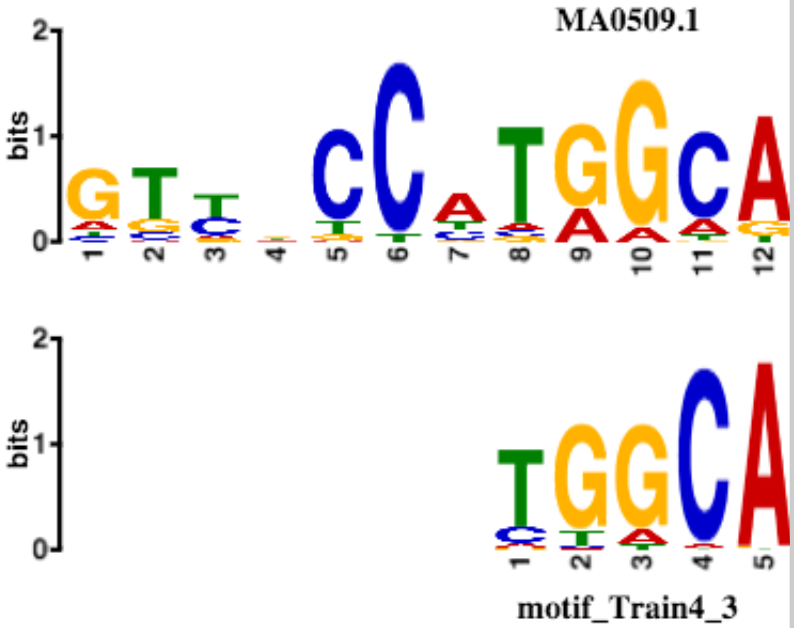
Summary

Name	MA0509.1 (Rfx1)
Database	JASPAR CORE 2014
***p*-value**	6.58e-03
***E*-value**	6.44e+00
***q*-value**	1.00e+00
Overlap	7
Offset	7
Orientation	Normal

Show logo download options

Alignment

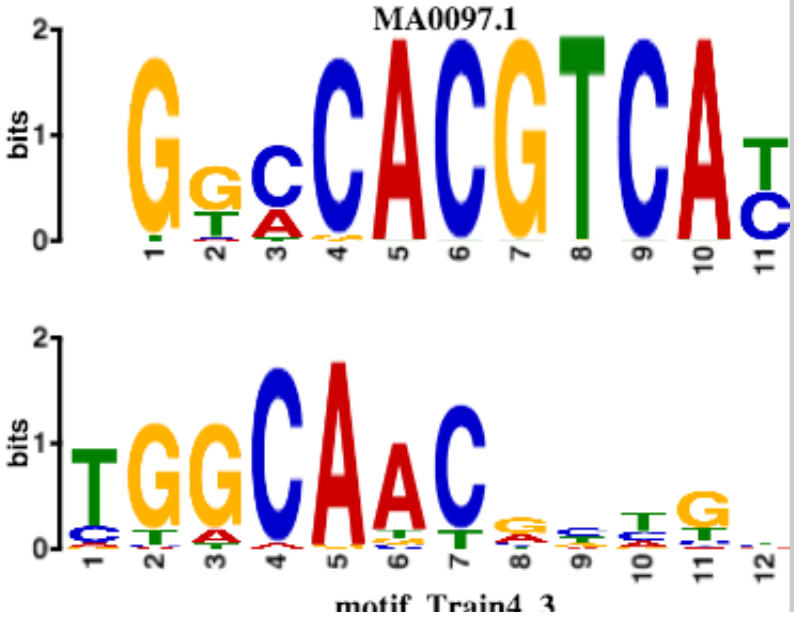


Summary

Name	MA0097.1 (bZIP911)
Database	JASPAR CORE 2014
***p*-value**	7.54e-03
***E*-value**	7.38e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment

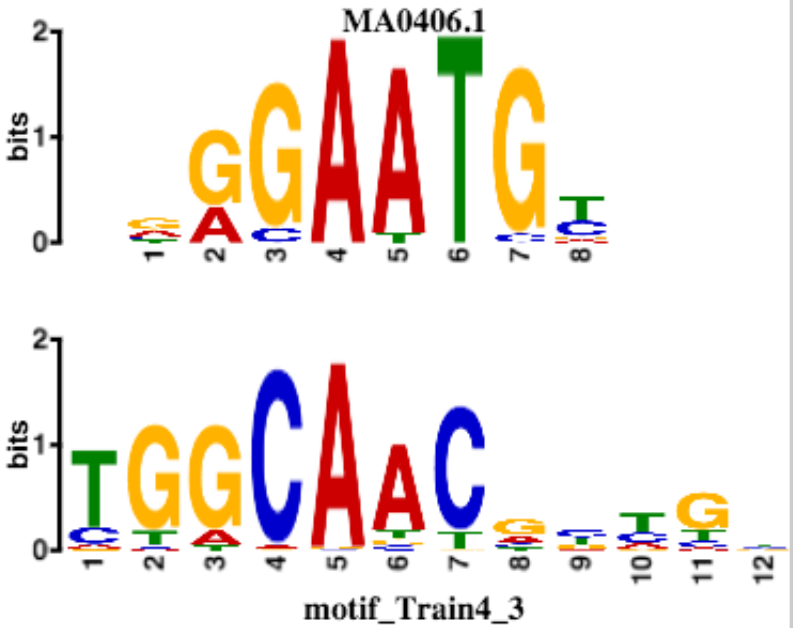


Summary

Name	MA0406.1 (TEC1)
Database	JASPAR CORE 2014
***p*-value**	9.55e-03
***E*-value**	9.35e+00
***q*-value**	1.00e+00
Overlap	8
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment



MATCHES TO MOTIF_10_3 (4-TGGCAACGYTGY)

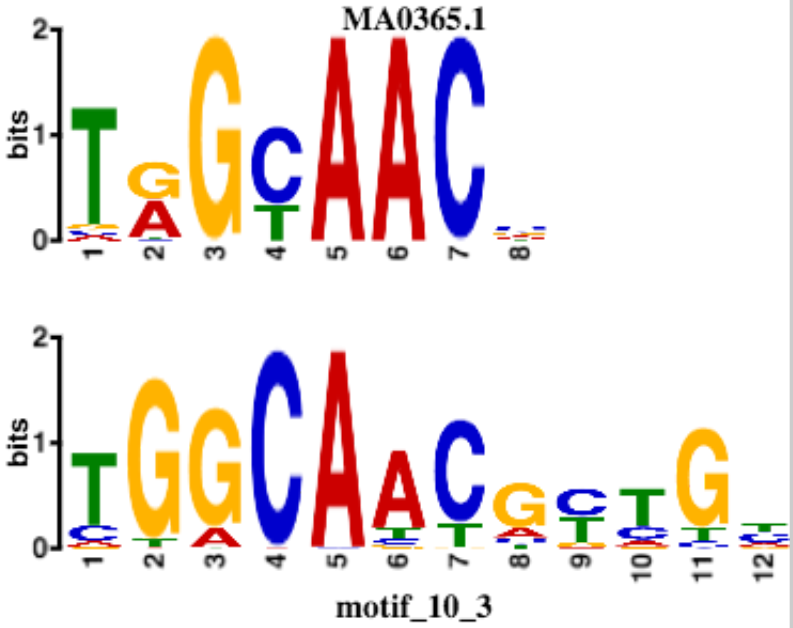
Previous Next Top

Summary

Name	MA0365.1 (RFX1)
Database	JASPAR CORE 2014
***p*-value**	1.88e-04
***E*-value**	1.84e-01
***q*-value**	3.68e-01
Overlap	8
Offset	0
Orientation	Reverse Complement

Show logo download options

Alignment



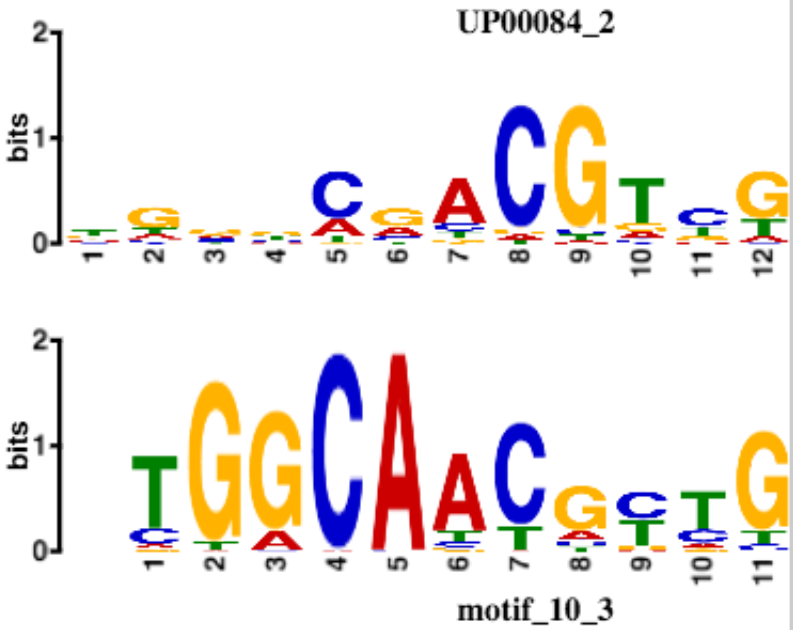
Summary

Name	UP00084_2 (Gmeb1_secondary)
Database	uniprobe mouse
***p*-value**	7.73e-04
***E*-value**	7.57e-01
***q*-value**	7.57e-01

Alignment

Overlap	12
Offset	1
Orientation	Normal

Show logo download options

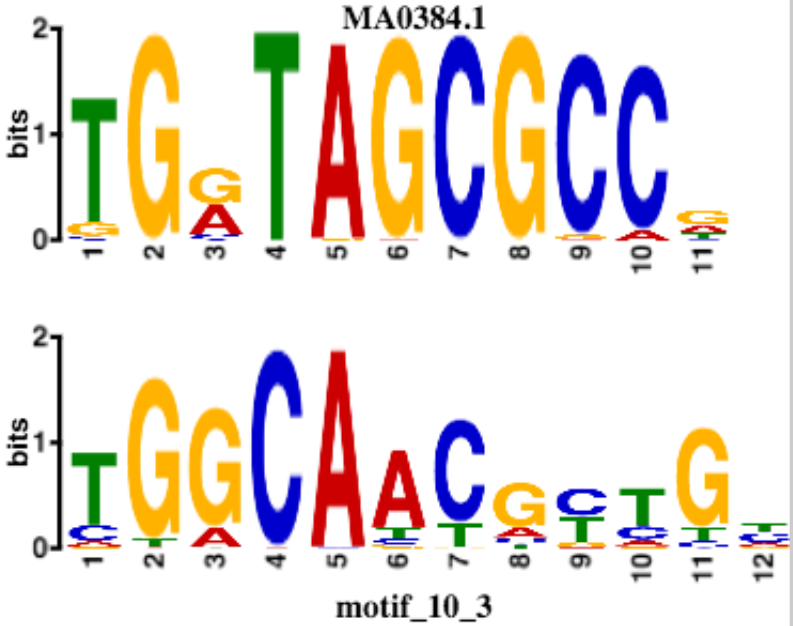


Summary

Name	MA0384.1 (SNT2)
Database	JASPAR CORE 2014
***p*-value**	2.53e-03
***E*-value**	2.47e+00
***q*-value**	1.00e+00
Overlap	11
Offset	0
Orientation	Normal

Show logo download options

Alignment

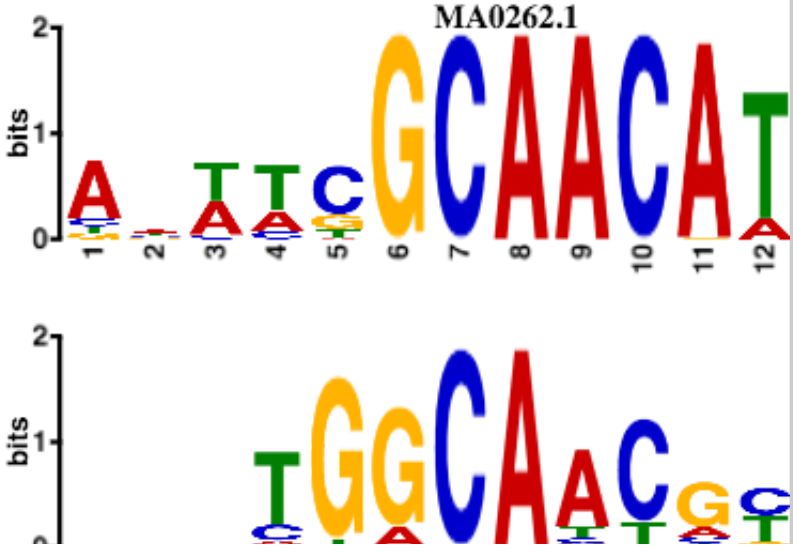


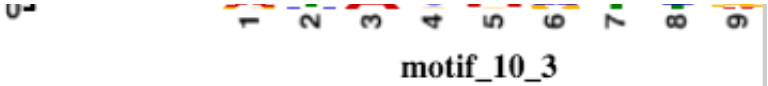
Summary

Name	MA0262.1 (mab-3)
Database	JASPAR CORE 2014
***p*-value**	3.35e-03
***E*-value**	3.27e+00
***q*-value**	1.00e+00
Overlap	10
Offset	3
Orientation	Reverse Complement

Show logo download options

Alignment



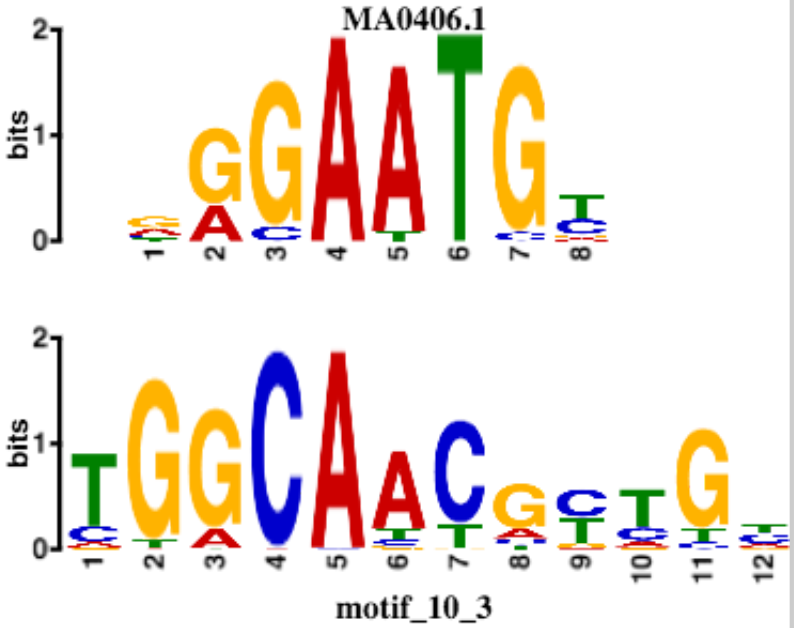


Summary

Name	MA0406.1 (TEC1)
Database	JASPAR CORE 2014
***p*-value**	4.84e-03
***E*-value**	4.74e+00
***q*-value**	1.00e+00
Overlap	8
Offset	-1
Orientation	Reverse Complement

Show logo download options

Alignment

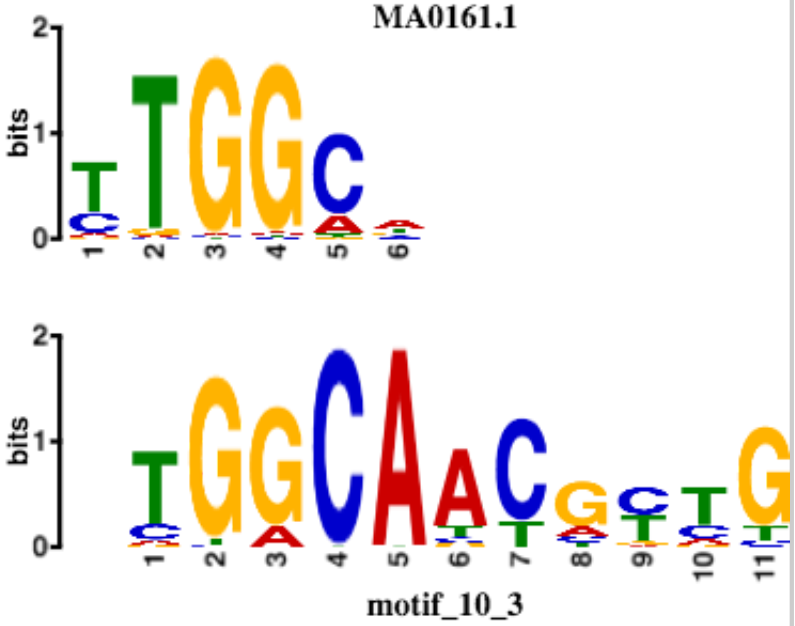


Summary

Name	MA0161.1 (NFIC)
Database	JASPAR CORE 2014
***p*-value**	6.05e-03
***E*-value**	5.93e+00
***q*-value**	1.00e+00
Overlap	5
Offset	1
Orientation	Normal

Show logo download options

Alignment



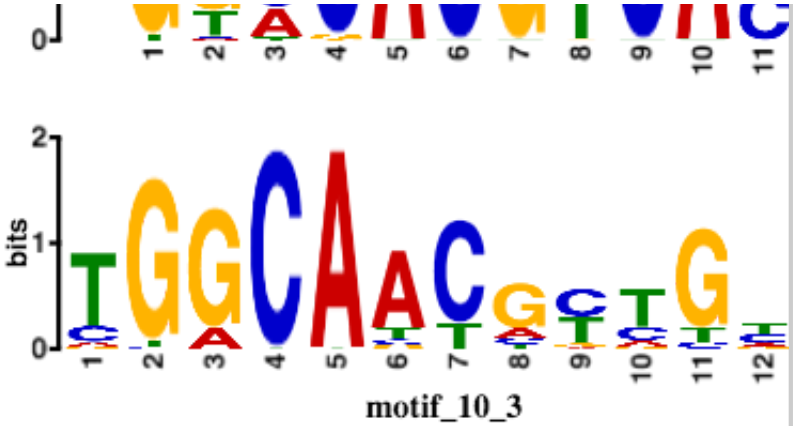
Summary

Name	MA0097.1 (bZIP911)
Database	JASPAR CORE 2014
***p*-value**	6.38e-03

Alignment

***p*-value**	6.38e-05
***E*-value**	6.25e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Reverse Complement

Show logo download options



Summary

Name	MA0059.1 (MYC::MAX)
Database	JASPAR CORE 2014
***p*-value**	1.01e-02
***E*-value**	9.89e+00
***q*-value**	1.00e+00
Overlap	11
Offset	-1
Orientation	Normal

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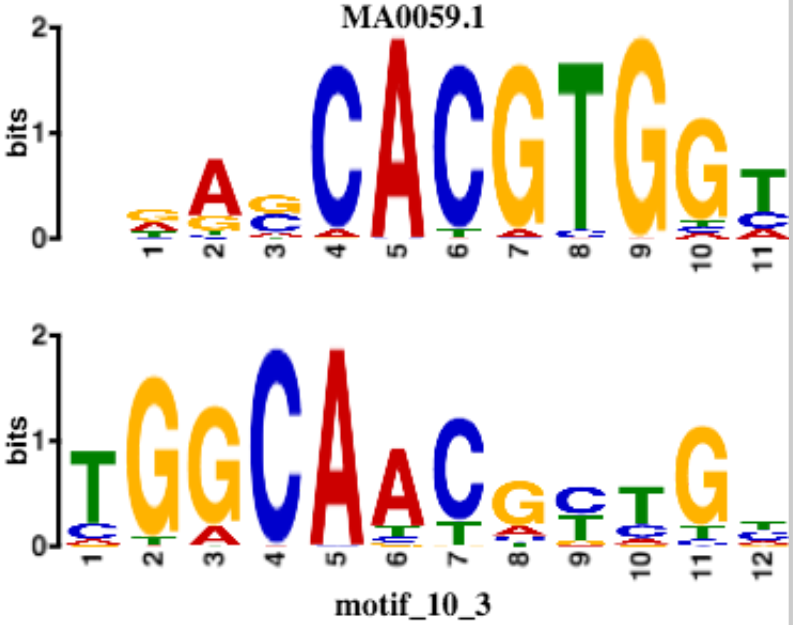
Alignment



Summary

Name	UP00002_2 (Sp4_secondary)
Database	uniprobe mouse
***p*-value**	1.02e-02
***E*-value**	9.95e+00
***q*-value**	1.00e+00
Overlap	12
Offset	1
Orientation	Reverse Complement

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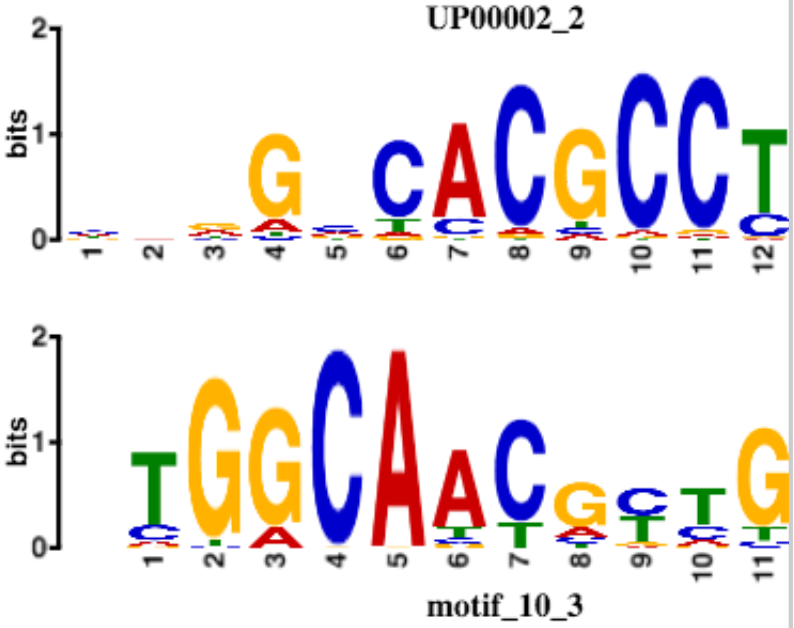
Alignment



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_group6.txt
```

Result calculation took 9.742 seconds