

For further information on how to interpret these results please access <https://meme-suite.org/meme/doc/tomtom-output-format.html>.
 To get a copy of the MEME software please access <https://meme-suite.org>.

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](#)]

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QUERY MOTIFS

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Database	ID	Alt. ID	Preview	Matches	List
SLE_meme.txt	AASCAGVRAAVCAG	MEME-4		35	MYOD1_HUMAN.H11MO.0.A , OSR2_HUMAN.H11MO.0.C , ▼
SLE_meme.txt	ACACAGC	MEME-26		31	TFAP4_HUMAN.H11MO.0.A , BACH2_HUMAN.H11MO.0.A , ▼
SLE_meme.txt	ACCGTG	MEME-19		8	ZBT48_HUMAN.H11MO.0.C , NFIA_HUMAN.H11MO.0.C , ▼
SLE_meme.txt	ACTTCHGYTGBSVTCHCYCT	MEME-9		27	TFE2_HUMAN.H11MO.0.A , GABPA_HUMAN.H11MO.0.A , ▼
SLE_meme.txt	AGGCGMG	MEME-28		6	ZN257_HUMAN.H11MO.0.C , E2F2_HUMAN.H11MO.0.B , ▼
SLE_meme.txt	ATGCAAATCTGGCAAGTCATT	MEME-6		11	NF2L1_HUMAN.H11MO.0.C , NF2L2_HUMAN.H11MO.0.A , ▼
SLE_meme.txt	CACAGCCWGGCACAC	MEME-8		16	SMAD4_HUMAN.H11MO.0.B , KLF5_HUMAN.H11MO.0.A , ▼
SLE_meme.txt	CACTGSAC	MEME-25		8	NR1H3_HUMAN.H11MO.0.B , MTF1_HUMAN.H11MO.0.C , ▼
SLE_meme.txt	CAGAACGYGC	MEME-7		8	OSR2_HUMAN.H11MO.0.C , BHA15_HUMAN.H11MO.0.B , ▼
SLE_meme.txt	CCACCCC	MEME-13		38	ZIC1_HUMAN.H11MO.0.B , SALL4_HUMAN.H11MO.0.B , ▼
SLE_meme.txt	CCTGGRSG	MEME-30		13	ZN436_HUMAN.H11MO.0.C , SP1_HUMAN.H11MO.0.A , ▼
SLE_meme.txt	CMTKTRCWRRSAGGGMTGRGKGCRGCARRGAGGCSWRAGAKRAGSTT	MEME-1		44	E2F1_HUMAN.H11MO.0.A , VEZF1_HUMAN.H11MO.0.C , ▼

Database	ID	Alt. ID	Preview	Matches	List
SLE_meme.txt	CTGTGAACAAT	MEME-15		10	FOXP2_HUMAN.H11MO.0.C , FOXO3_HUMAN.H11MO.0.B , ▼
SLE_meme.txt	GAAGGG	MEME-22		24	ETV4_HUMAN.H11MO.0.B , REL_HUMAN.H11MO.0.B , ▼
SLE_meme.txt	GACRCTGG	MEME-24		1	NR1D1_HUMAN.H11MO.0.B
SLE_meme.txt	GCAAAGAG	MEME-17		13	FEZF1_HUMAN.H11MO.0.C , ZN384_HUMAN.H11MO.0.C , ▼
SLE_meme.txt	GCAYTGGC	MEME-20		3	ZN320_HUMAN.H11MO.0.C , ZN547_HUMAN.H11MO.0.C , ▼
SLE_meme.txt	GCTGGC	MEME-23		15	ITF2_HUMAN.H11MO.0.C , TGIF1_HUMAN.H11MO.0.A , ▼
SLE_meme.txt	GGGCAG	MEME-10		33	ZN549_HUMAN.H11MO.0.C , ZSC31_HUMAN.H11MO.0.C , ▼
SLE_meme.txt	GGGGAG	MEME-11		23	ZN281_HUMAN.H11MO.0.A , ZN467_HUMAN.H11MO.0.C , ▼
SLE_meme.txt	GGGGMAT	MEME-21		18	AP2A_HUMAN.H11MO.0.A , SOX9_HUMAN.H11MO.0.B , ▼
SLE_meme.txt	GGTAGAT	MEME-29		4	ZNF8_HUMAN.H11MO.0.C , ATOH1_HUMAN.H11MO.0.B , ▼
SLE_meme.txt	GSAGGGGG	MEME-12		46	VEZF1_HUMAN.H11MO.0.C , KLF9_HUMAN.H11MO.0.C , ▼
SLE_meme.txt	GTGGTGAG	MEME-16		16	ZN281_HUMAN.H11MO.0.A , ZBTB6_HUMAN.H11MO.0.C , ▼
SLE_meme.txt	GYYCTCCMCNYGGYTSTMASYMCCMWMTYYCYRAA	MEME-3		19	MTF1_HUMAN.H11MO.0.C , ZN554_HUMAN.H11MO.0.C , ▼
SLE_meme.txt	TCCAGAWCC	MEME-27		6	ZBTB6_HUMAN.H11MO.0.C , HSF1_HUMAN.H11MO.0.A , ▼
SLE_meme.txt	TGCASCTSTGC	MEME-18		16	HTF4_HUMAN.H11MO.0.A , TFE2_HUMAN.H11MO.0.A , ▼
SLE_meme.txt	TGCTASCTACC	MEME-14		3	ITF2_HUMAN.H11MO.0.C , ZN490_HUMAN.H11MO.0.C , ▼

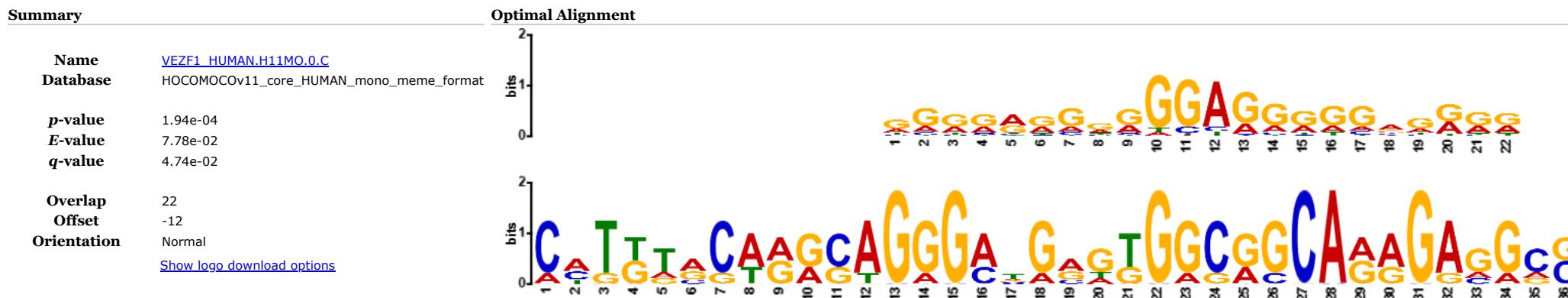
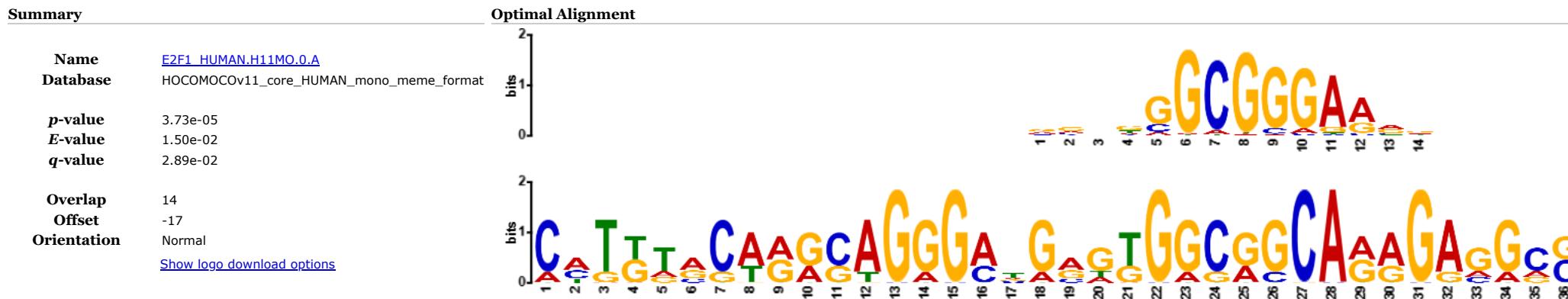
Database	ID	Alt. ID	Preview	Matches	List
SLE_meme.txt	TGGSARHMCTGTSWGMATKAC	MEME-5		10	TGIF1_HUMAN.H11MO.0.A , NF2L1_HUMAN.H11MO.0.C
SLE_meme.txt	TYTGCACATRSCTKSTAWGACTKRAAAKKGCMRTCYTTA	MEME-2		16	CLOCK_HUMAN.H11MO.0.C , ETS1_HUMAN.H11MO.0.A

TARGET DATABASES

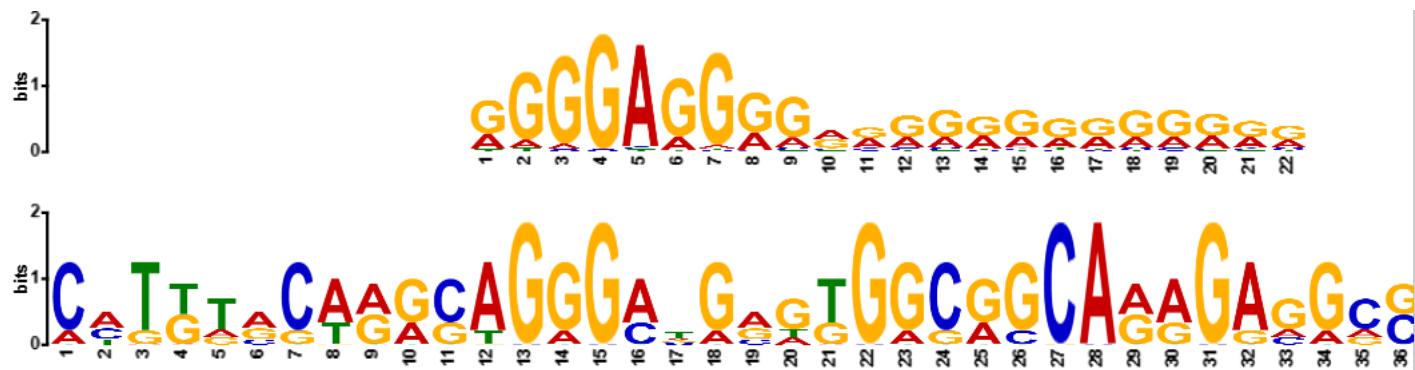
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Database	Used	Matched
HOCOMOCOv11_core_HUMAN_mono_meme_format	401	244

MATCHES TO CMTKTRCWRRSAGGGMTGRGKGCCRGCARRGAGGCSWRAGAKRAGSTT (MEME-1)

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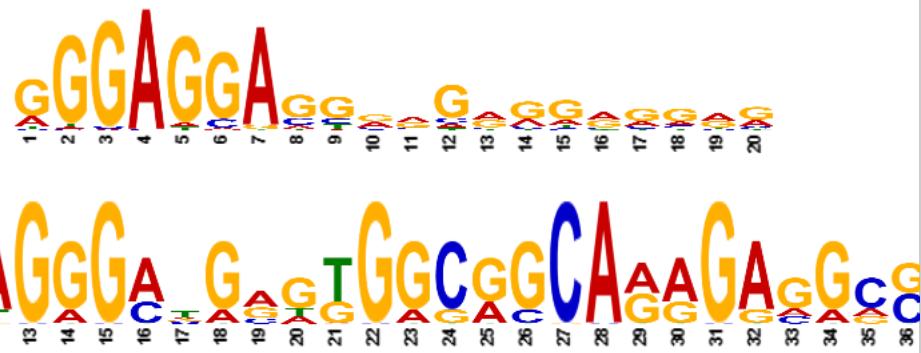
Name	ZN467_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.94e-04
<i>E</i> -value	7.78e-02
<i>q</i> -value	4.74e-02
Overlap	22
Offset	-11
Orientation	Normal
Show logo download options	



Summary

Name	ZN263_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.23e-04
<i>E</i> -value	1.30e-01
<i>q</i> -value	4.74e-02
Overlap	20
Offset	-12
Orientation	Normal
Show logo download options	

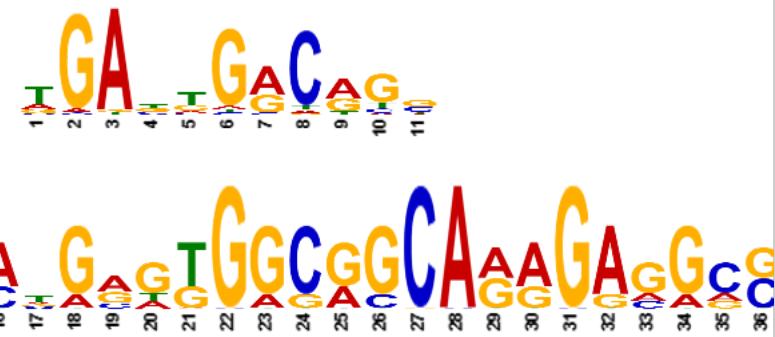
Optimal Alignment



Summary

Name	PBX3_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.56e-04
<i>E</i> -value	1.43e-01
<i>q</i> -value	4.74e-02
Overlap	11
Offset	-16
Orientation	Normal
Show logo download options	

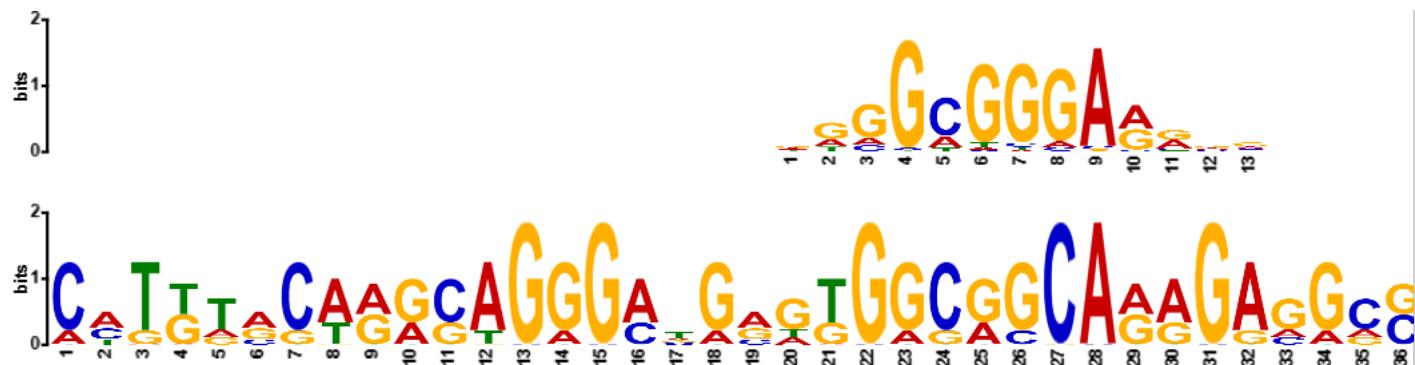
Optimal Alignment



Summary

Optimal Alignment

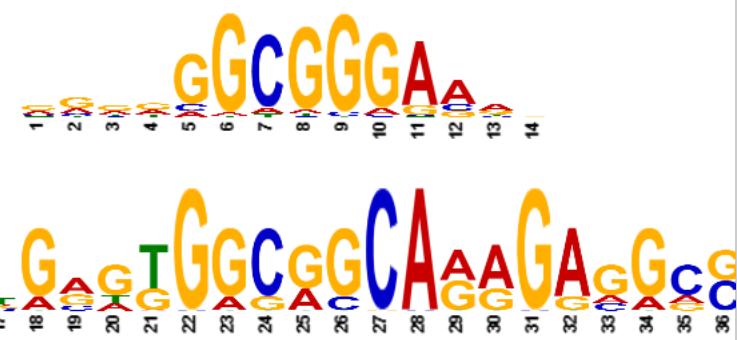
Name	E2F6_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.68e-04
<i>E</i> -value	1.47e-01
<i>q</i> -value	4.74e-02
Overlap	13
Offset	-19
Orientation	Normal
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Summary

Name	TFDP1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.39e-04
<i>E</i> -value	1.76e-01
<i>q</i> -value	4.84e-02
Overlap	14
Offset	-17
Orientation	Normal
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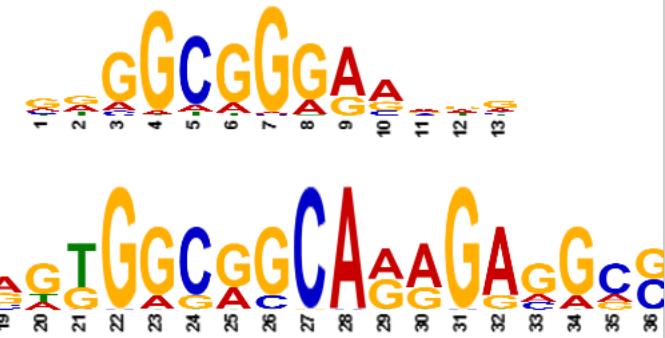
Optimal Alignment



Summary

Name	E2F7_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.84e-04
<i>E</i> -value	2.34e-01
<i>q</i> -value	5.65e-02
Overlap	13
Offset	-19
Orientation	Normal
Show logo download options	

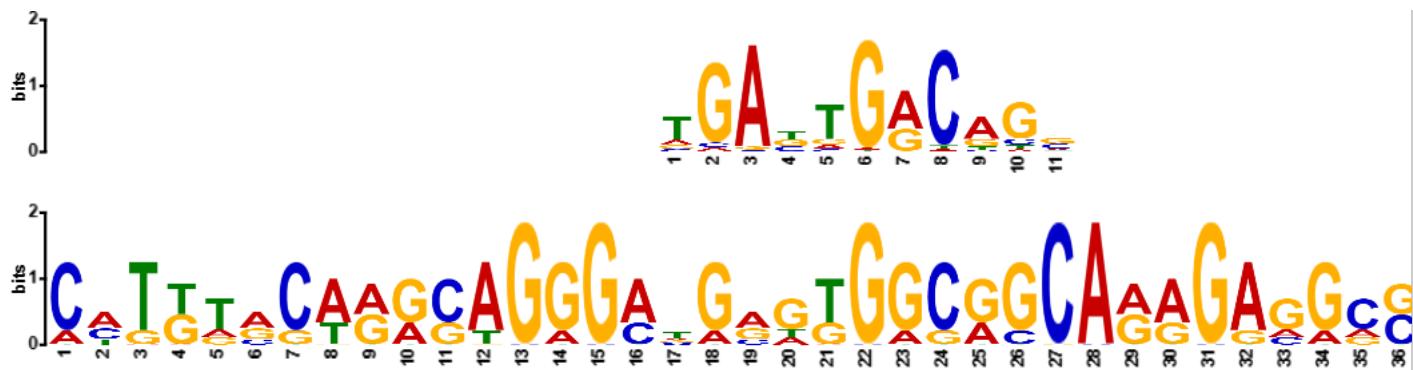
Optimal Alignment



Summary

Optimal Alignment

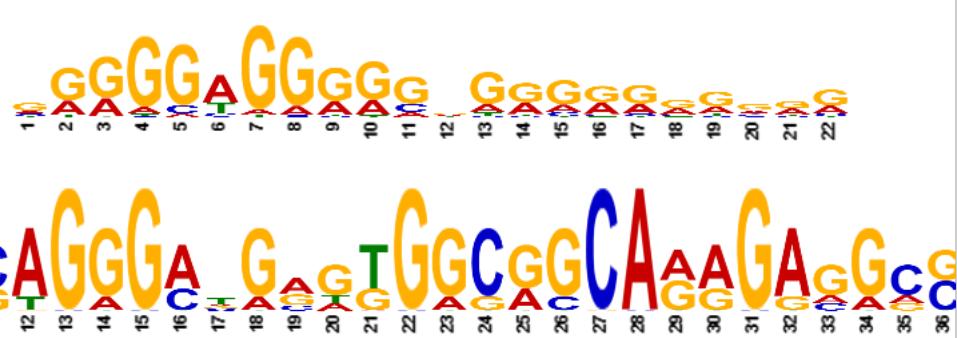
Name	PKNX1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.45e-04
<i>E</i> -value	3.39e-01
<i>q</i> -value	7.26e-02
Overlap	11
Offset	-16
Orientation	Normal
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Summary

Name	MAZ_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.05e-03
<i>E</i> -value	4.21e-01
<i>q</i> -value	7.77e-02
Overlap	22
Offset	-11
Orientation	Normal
Show logo download options	

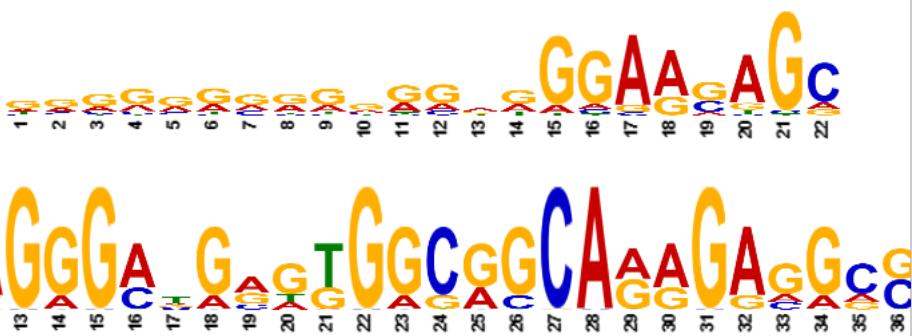
Optimal Alignment



Summary

Name	ZN341_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.11e-03
<i>E</i> -value	4.43e-01
<i>q</i> -value	7.77e-02
Overlap	22
Offset	-12
Orientation	Normal
Show logo download options	

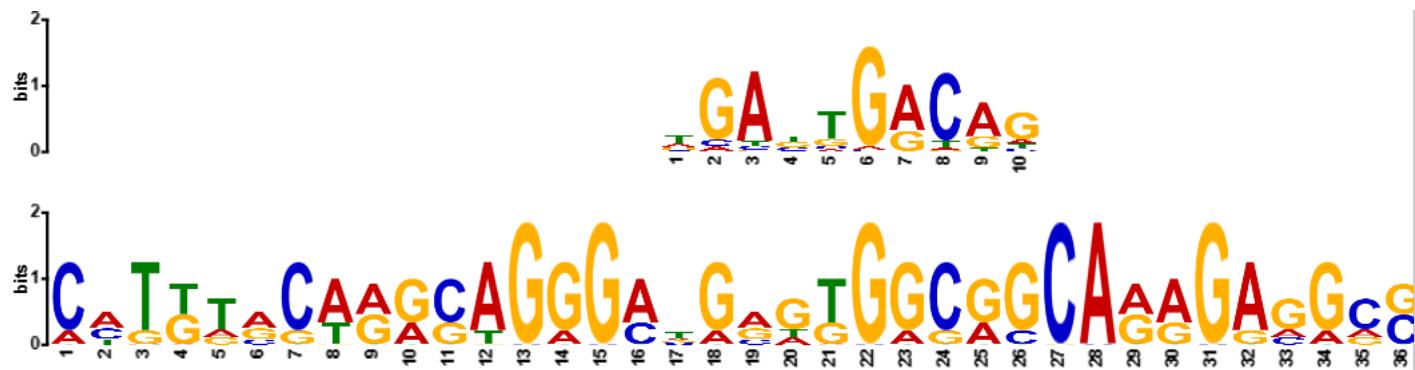
Optimal Alignment



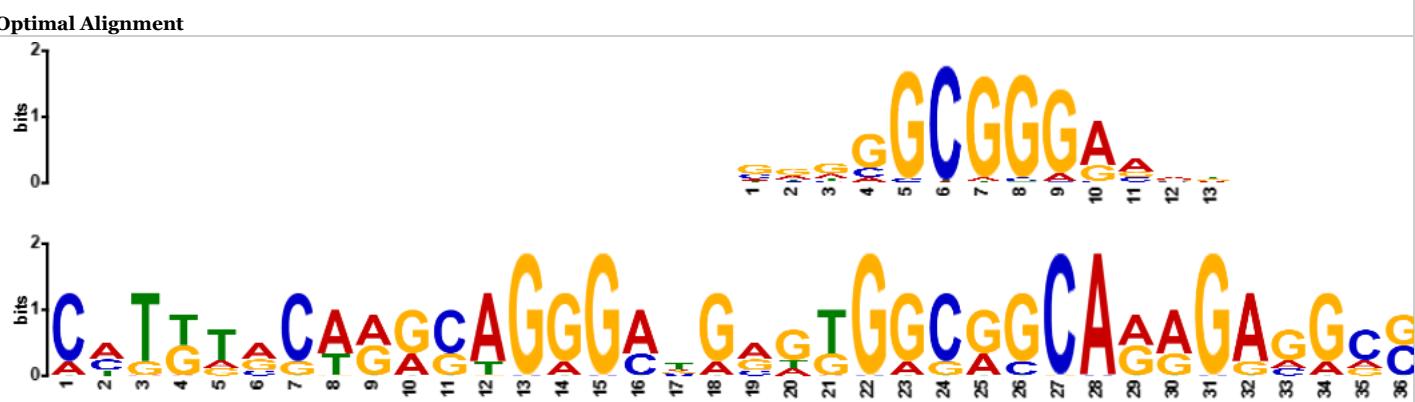
Summary

Optimal Alignment

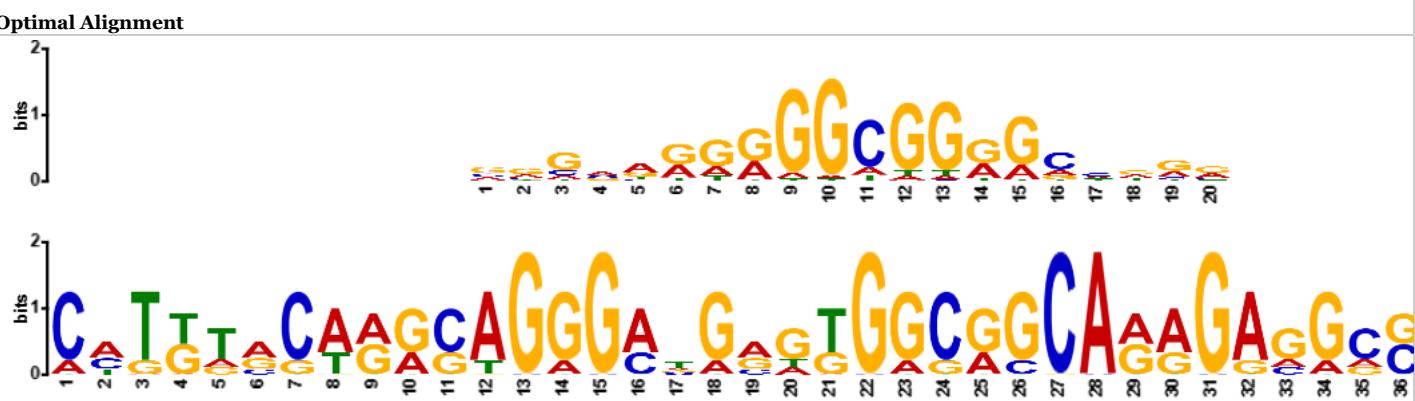
Name	PBX1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.62e-03
E-value	6.48e-01
q-value	9.63e-02
Overlap	10
Offset	-16
Orientation	Normal



Summary	
Name	E2F4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.62e-03
E-value	6.49e-01
q-value	9.63e-02
Overlap	13
Offset	-18
Orientation	Normal
Show logo download options	

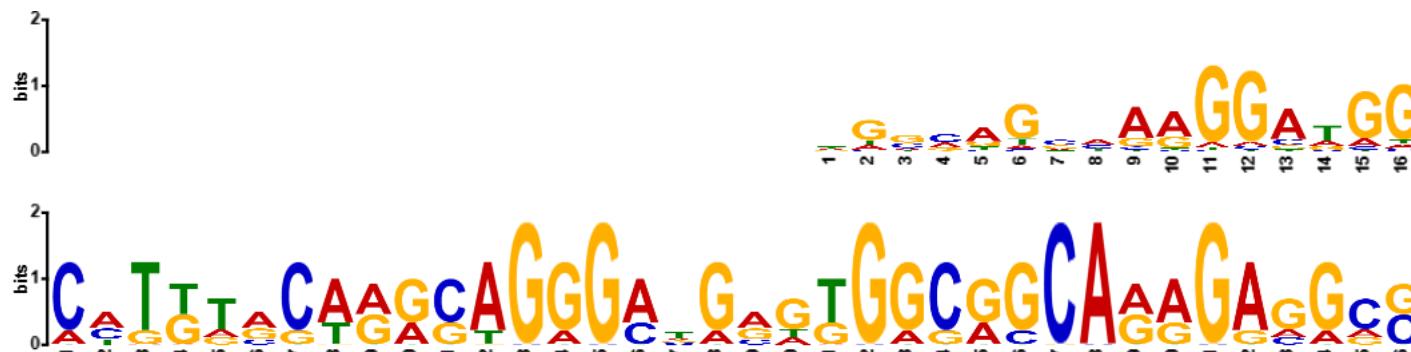


Summary	
Name	SP4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.39e-03
E-value	9.58e-01
q-value	1.32e-01
Overlap	20
Offset	-11
Orientation	Normal
Show logo download options	



Summary

Name	Z324A_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.57e-03
<i>E</i> -value	1.03e+00
<i>q</i> -value	1.33e-01
Overlap	23
Offset	-20
Orientation	Reverse Complement
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Summary

Name	RXRA_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.79e-03
<i>E</i> -value	1.12e+00
<i>q</i> -value	1.35e-01
Overlap	20
Offset	-11
Orientation	Normal
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Optimal Alignment



Summary

Name	KLF15_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.33e-03
<i>E</i> -value	1.33e+00
<i>q</i> -value	1.43e-01
Overlap	19
Offset	-17
Orientation	Normal
Show logo download options	

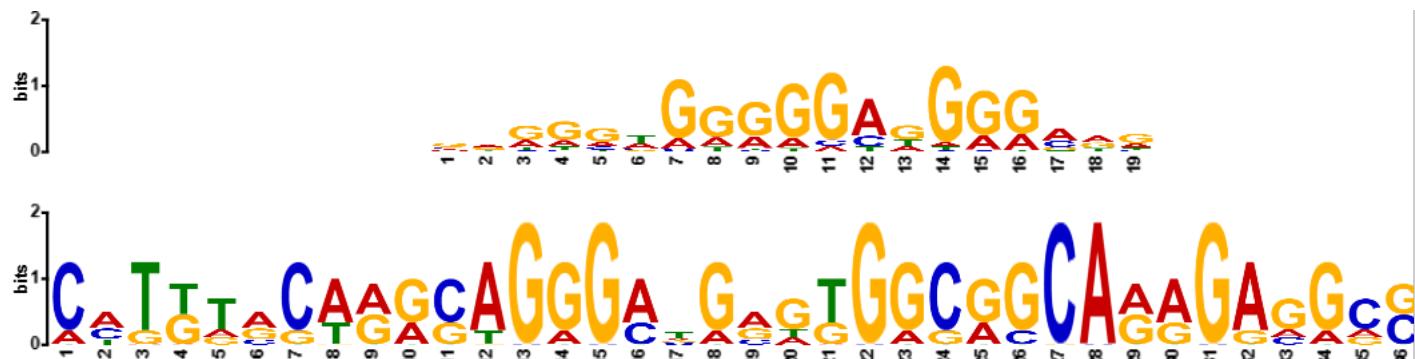
Optimal Alignment



Summary

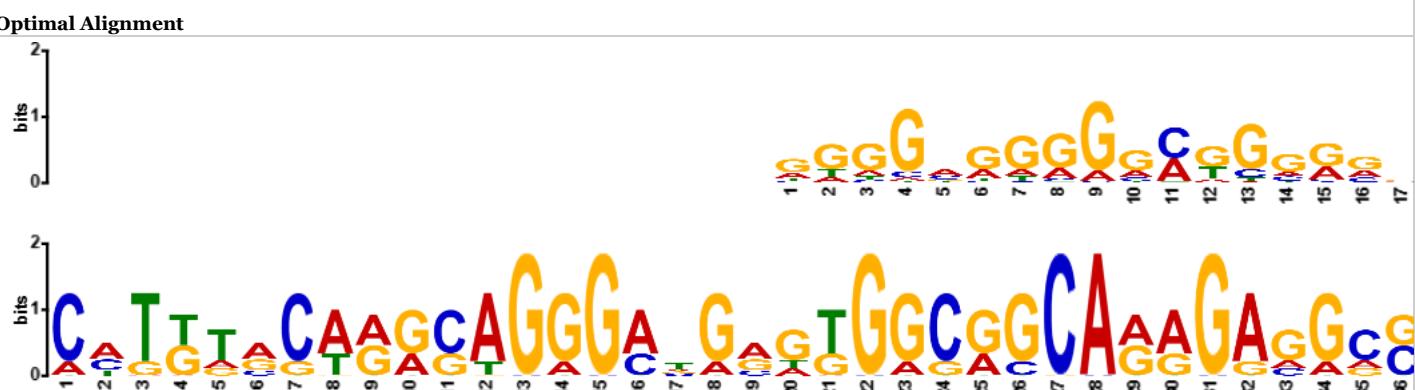
Optimal Alignment

Name	ZBT17_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	3.33e-03
E-value	1.33e+00
q-value	1.43e-01
Overlap	19
Offset	-10
Orientation	Normal
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Summary

Name	PATZ1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	3.66e-03
E-value	1.47e+00
q-value	1.45e-01
Overlap	22
Offset	-19
Orientation	Normal
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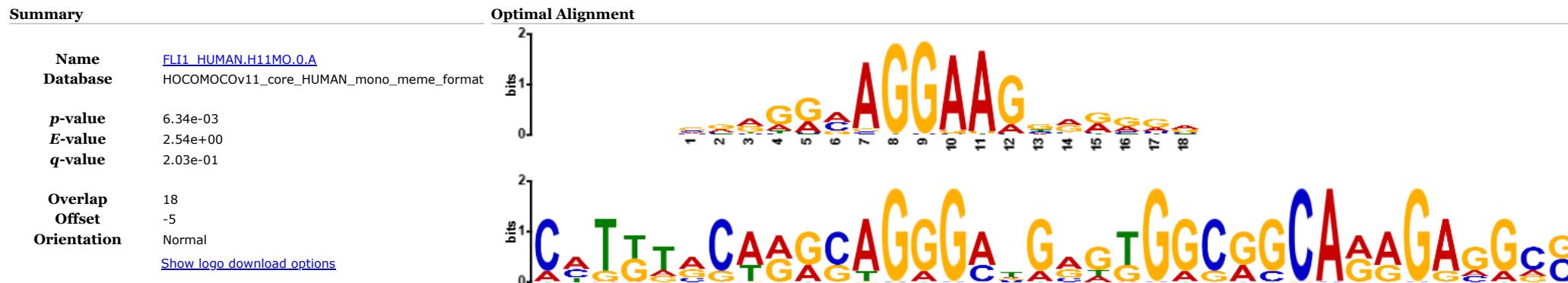
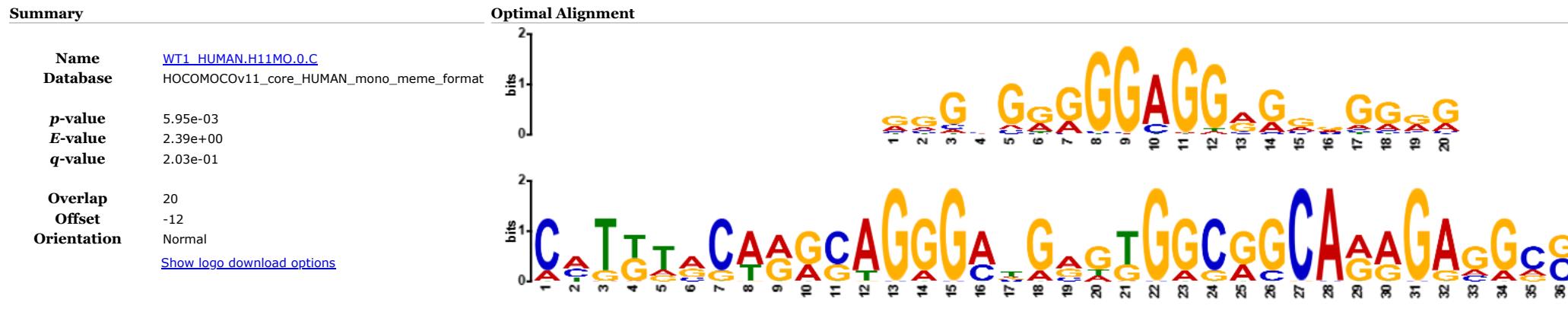
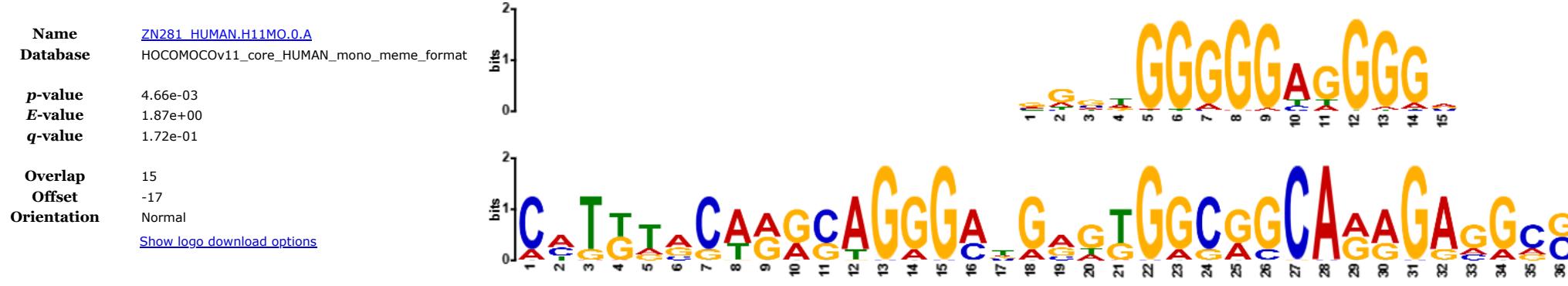
Summary

Name	E2F3_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	3.74e-03
E-value	1.50e+00
q-value	1.45e-01
Overlap	11
Offset	-19
Orientation	Normal
	Show logo download options

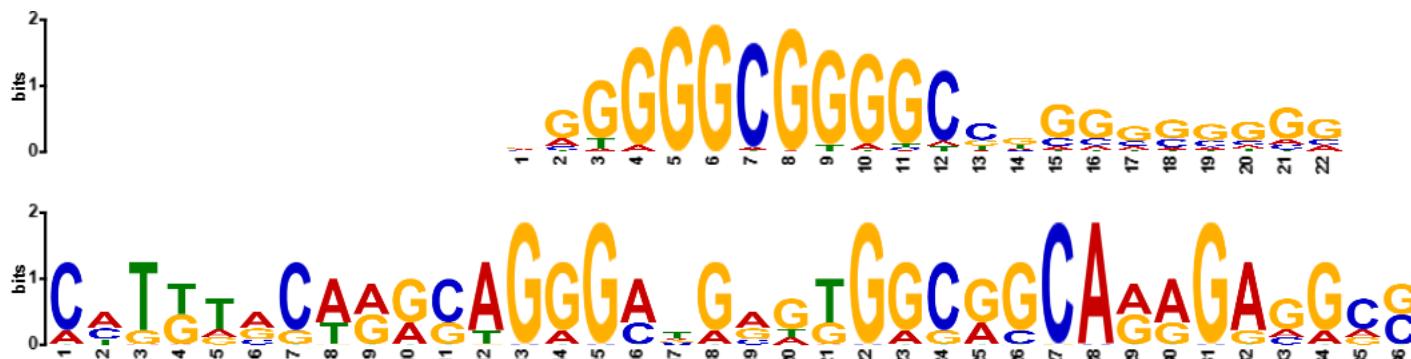


Summary





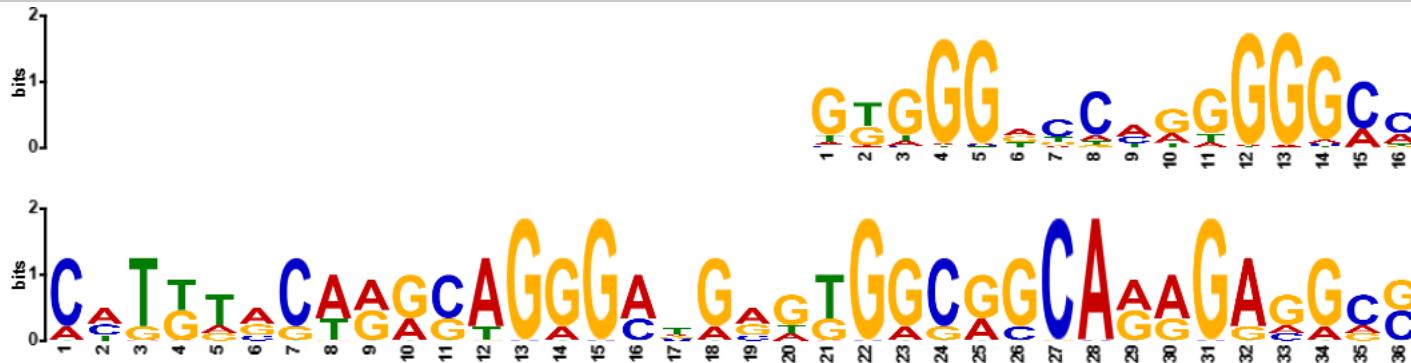
Name	SP1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.45e-03
<i>E</i> -value	2.59e+00
<i>q</i> -value	2.03e-01
Overlap	22
Offset	-12
Orientation	Normal
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Summary

Name	ZN320_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.56e-03
<i>E</i> -value	2.63e+00
<i>q</i> -value	2.03e-01
Overlap	20
Offset	-20
Orientation	Normal
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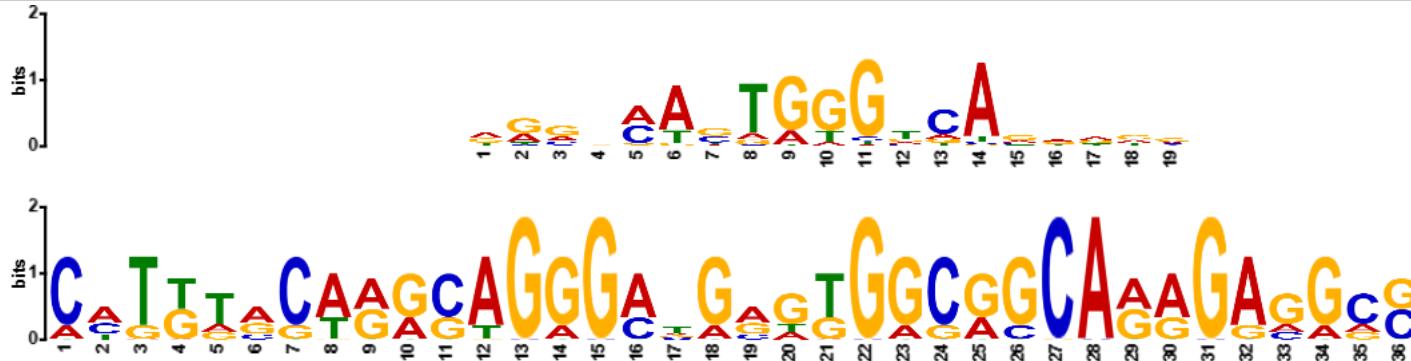
Optimal Alignment



Summary

Name	NR1D1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.02e-02
<i>E</i> -value	4.07e+00
<i>q</i> -value	2.98e-01
Overlap	19
Offset	-11
Orientation	Normal
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Optimal Alignment



Summary

Optimal Alignment

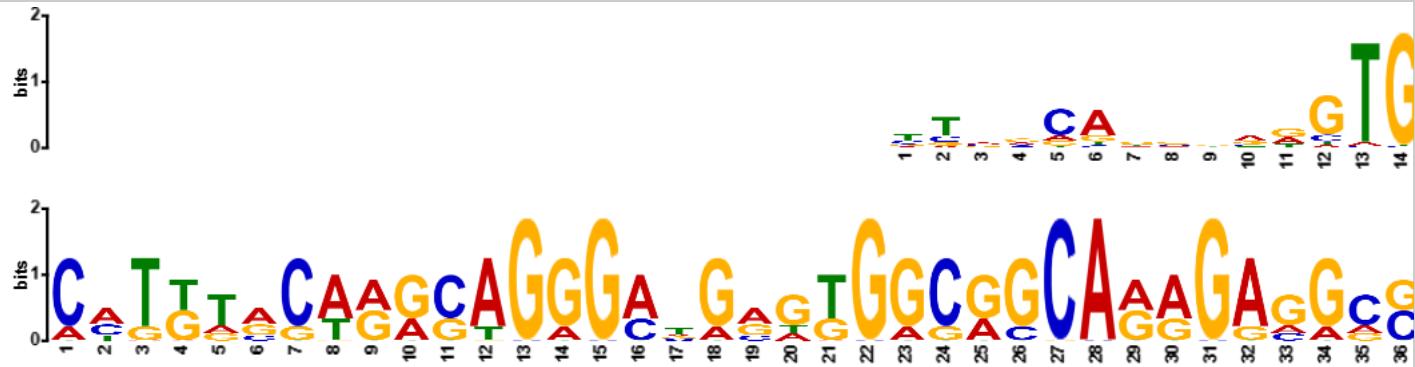
Name	TAF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.11e-02
<i>E</i> -value	4.43e+00
<i>q</i> -value	2.98e-01
Overlap	16
Offset	-16
Orientation	Normal
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Summary

Name	BRAC_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.11e-02
<i>E</i> -value	4.46e+00
<i>q</i> -value	2.98e-01
Overlap	20
Offset	-22
Orientation	Normal
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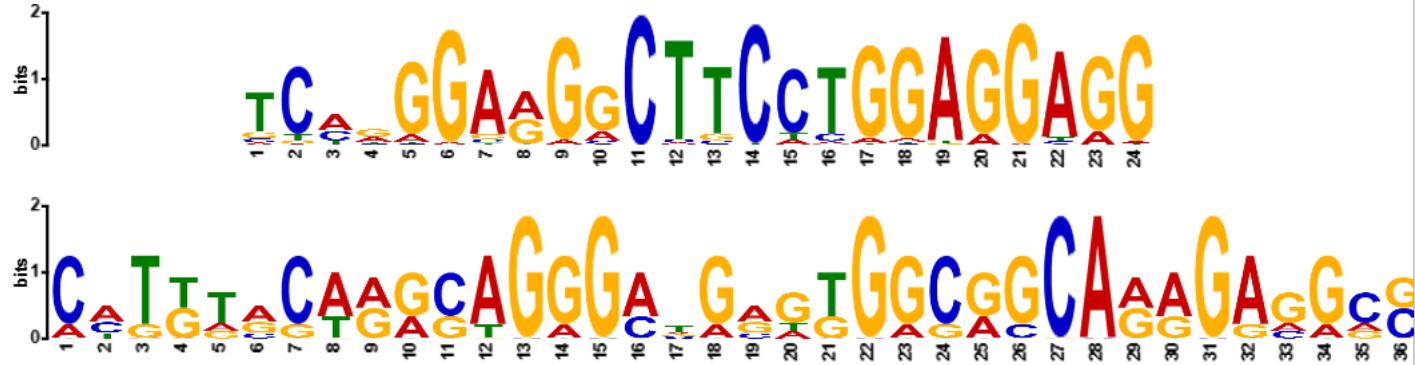
Optimal Alignment



Summary

Name	ZN436_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.14e-02
<i>E</i> -value	4.57e+00
<i>q</i> -value	2.98e-01
Overlap	24
Offset	-5
Orientation	Normal
Show logo download options	

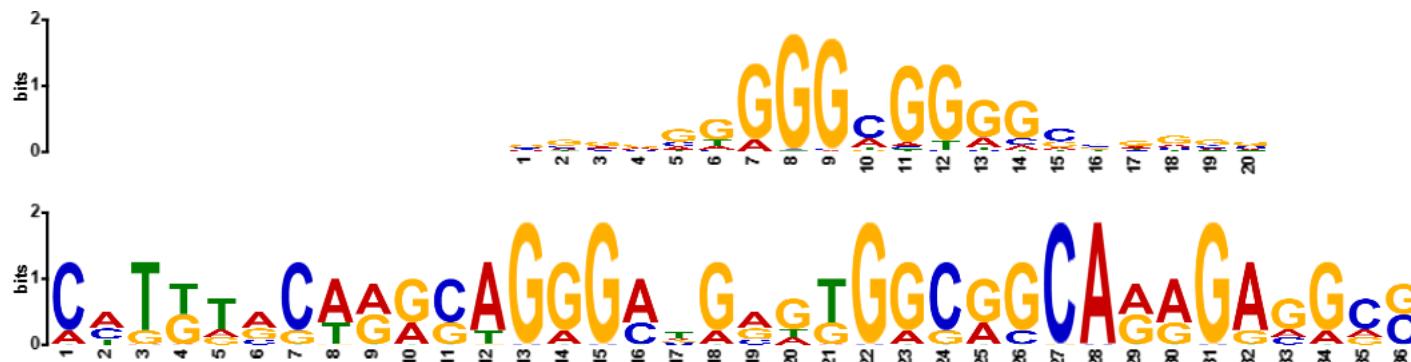
Optimal Alignment



Summary

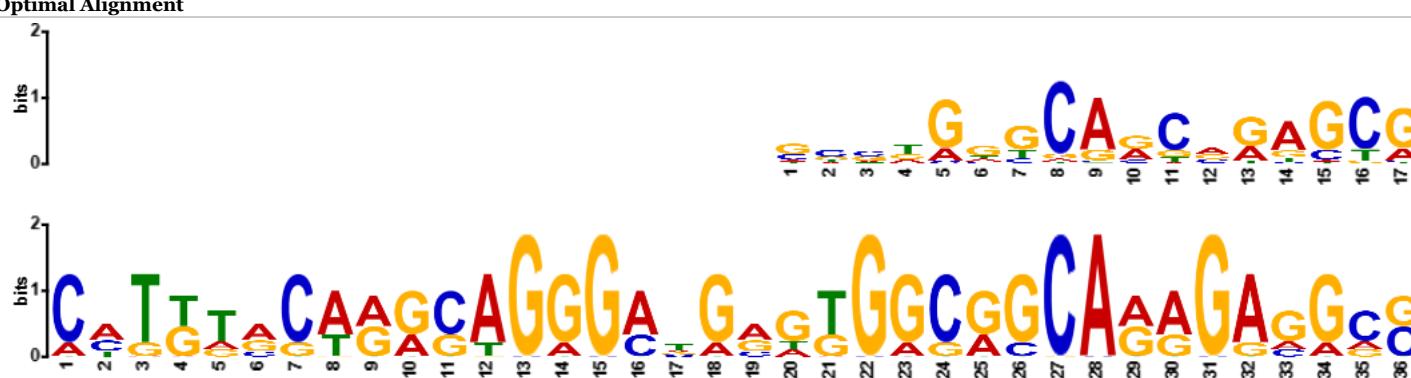
Optimal Alignment

Name	SP3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.16e-02
E-value	4.67e+00
q-value	2.98e-01
Overlap	20
Offset	-12
Orientation	Normal
	Show logo download options



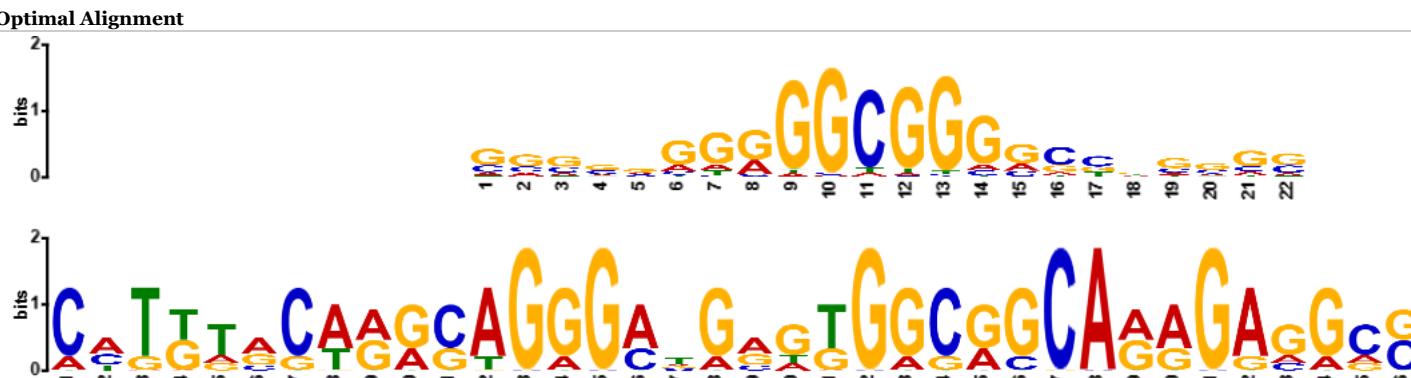
Summary

Name	PAX5_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.20e-02
E-value	4.80e+00
q-value	2.98e-01
Overlap	21
Offset	-19
Orientation	Normal
	Show logo Download options



Summary

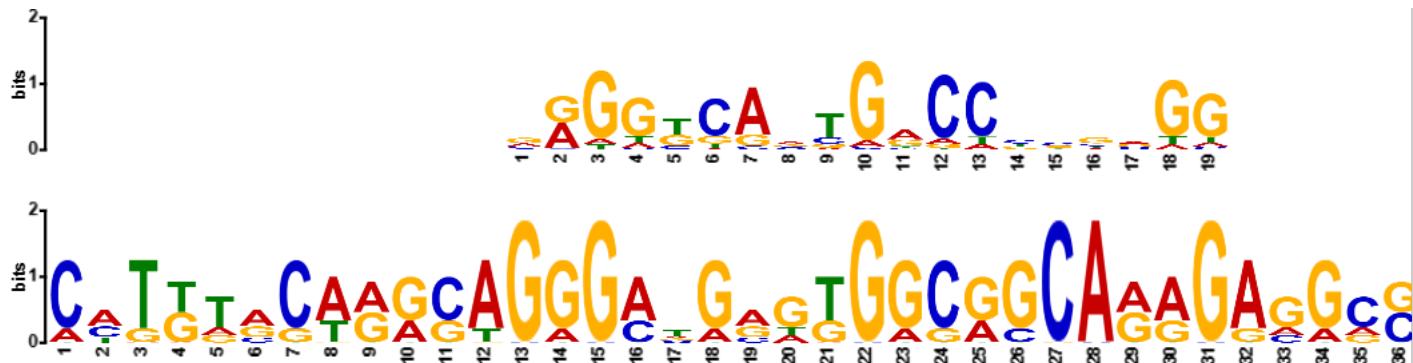
Name	SP2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.27e-02
E-value	5.09e+00
q-value	3.07e-01
Overlap	22
Offset	-11
Orientation	Normal
	Show logo download options



Summary



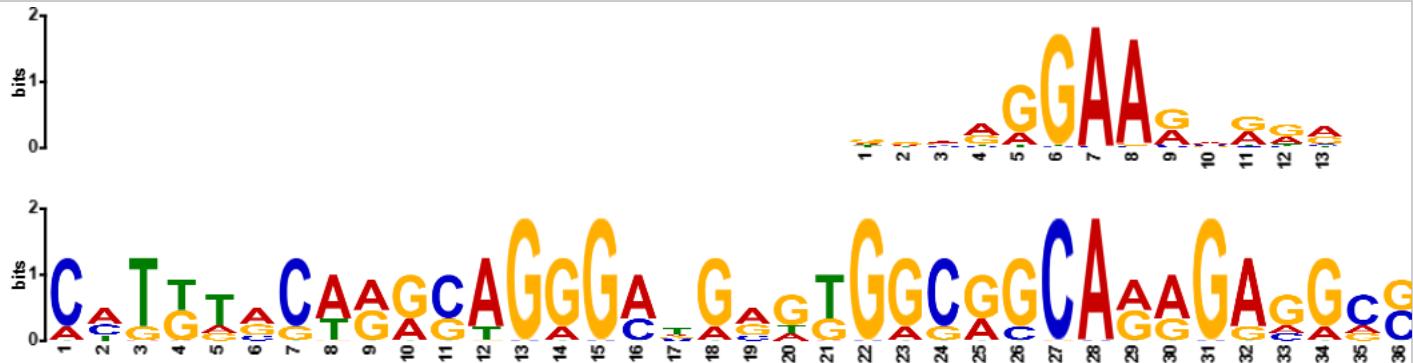
Name	NR1H4_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.36e-02
<i>E</i> -value	5.44e+00
<i>q</i> -value	3.12e-01
Overlap	19
Offset	-12
Orientation	Normal
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Summary

Name	ETS2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.37e-02
<i>E</i> -value	5.50e+00
<i>q</i> -value	3.12e-01
Overlap	13
Offset	-21
Orientation	Normal
Show logo download options	

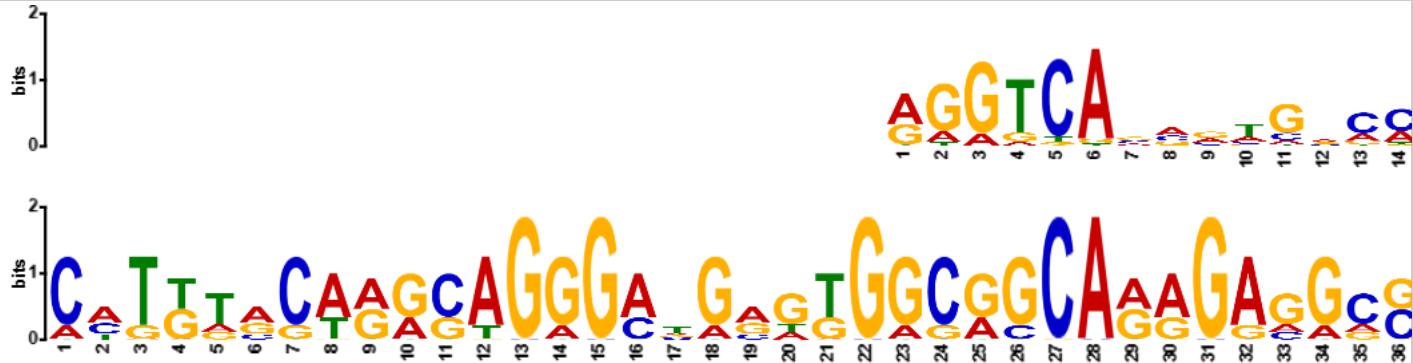
Optimal Alignment



Summary

Name	RARG_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.42e-02
<i>E</i> -value	5.70e+00
<i>q</i> -value	3.14e-01
Overlap	18
Offset	-22
Orientation	Normal
Show logo download options	

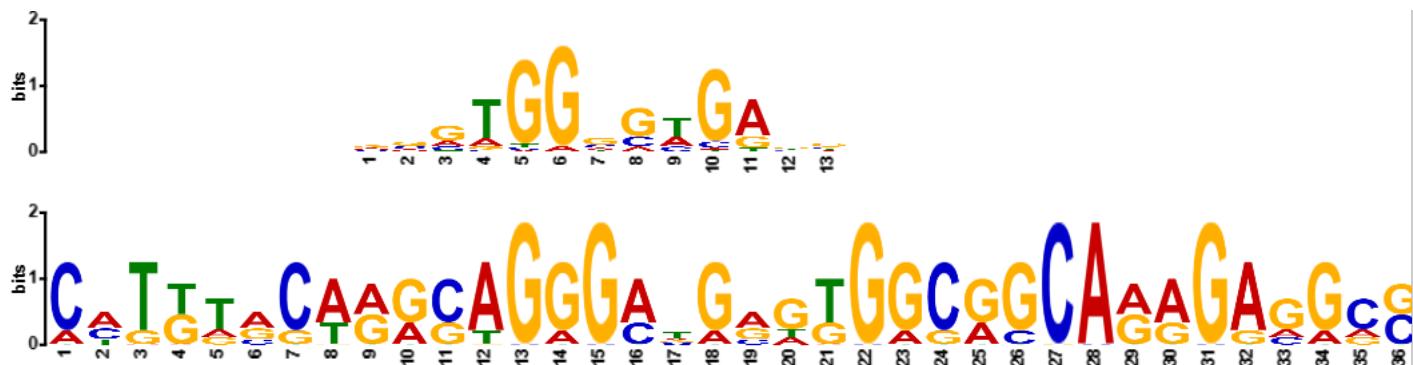
Optimal Alignment



Summary

Optimal Alignment

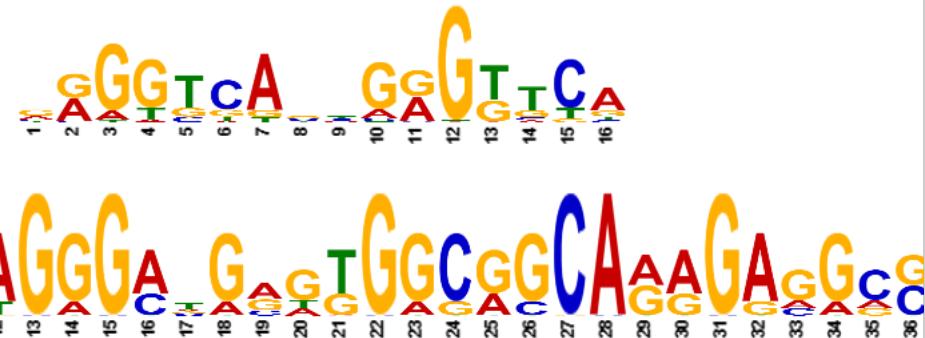
Name	SRBP2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.54e-02
<i>E</i> -value	6.18e+00
<i>q</i> -value	3.31e-01
Overlap	13
Offset	-8
Orientation	Normal
Show logo download options	



Summary

Name	VDR_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.68e-02
<i>E</i> -value	6.75e+00
<i>q</i> -value	3.52e-01
Overlap	16
Offset	-12
Orientation	Normal
Show logo download options	

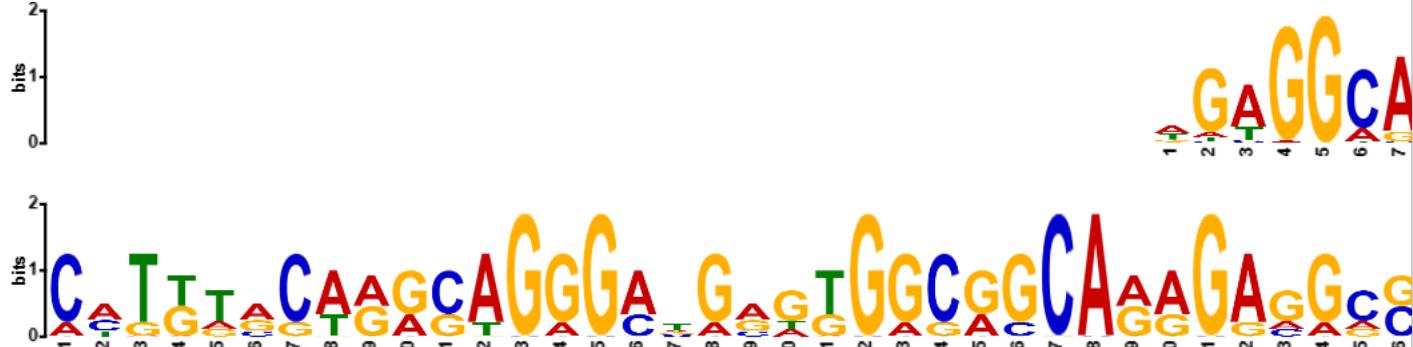
Optimal Alignment



Summary

Name	ZN257_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.75e-02
<i>E</i> -value	7.03e+00
<i>q</i> -value	3.57e-01
Overlap	12
Offset	-29
Orientation	Reverse Complement
Show logo download options	

Optimal Alignment



Summary

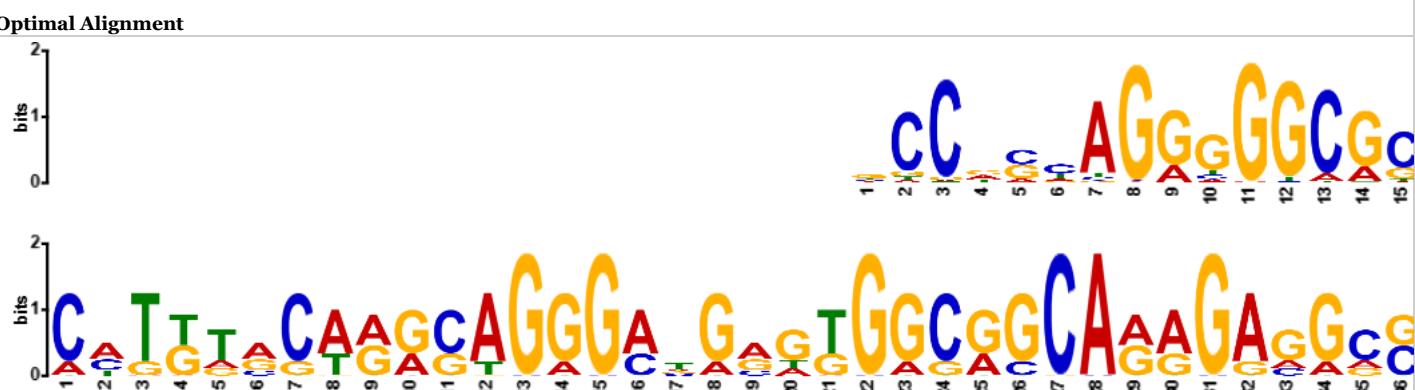
Optimal Alignment

Name	ZN329_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.84e-02
E-value	7.39e+00
q-value	3.65e-01
Overlap	20
Offset	-9
Orientation	Reverse Complement
	Show logo download options



Summary

Name	CTCFL_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.89e-02
E-value	7.58e+00
q-value	3.66e-01
Overlap	17
Offset	-21
Orientation	Normal
Show logo	Download options



Summary

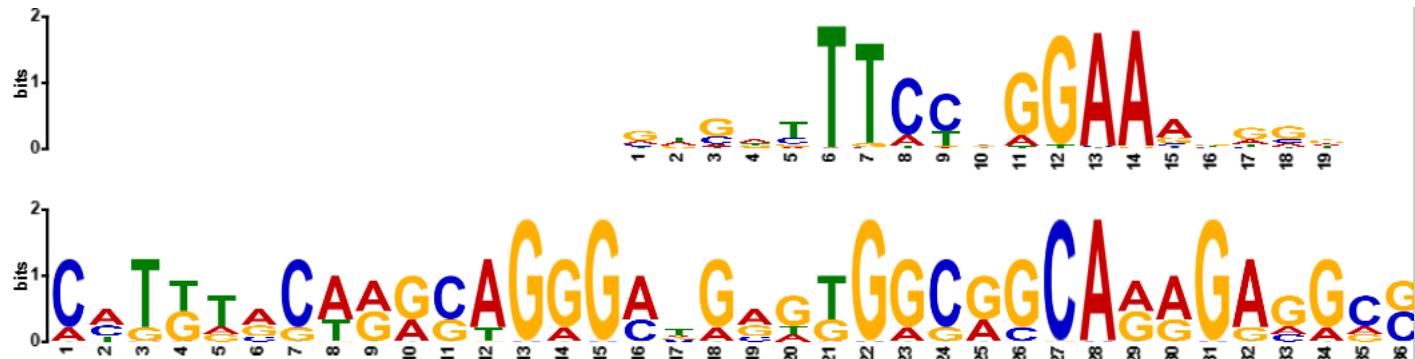
Name	EGR2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.19e-02
E-value	8.79e+00
q-value	4.13e-01
Overlap	18
Offset	-27
Orientation	Normal
	Show logo download options



Summary



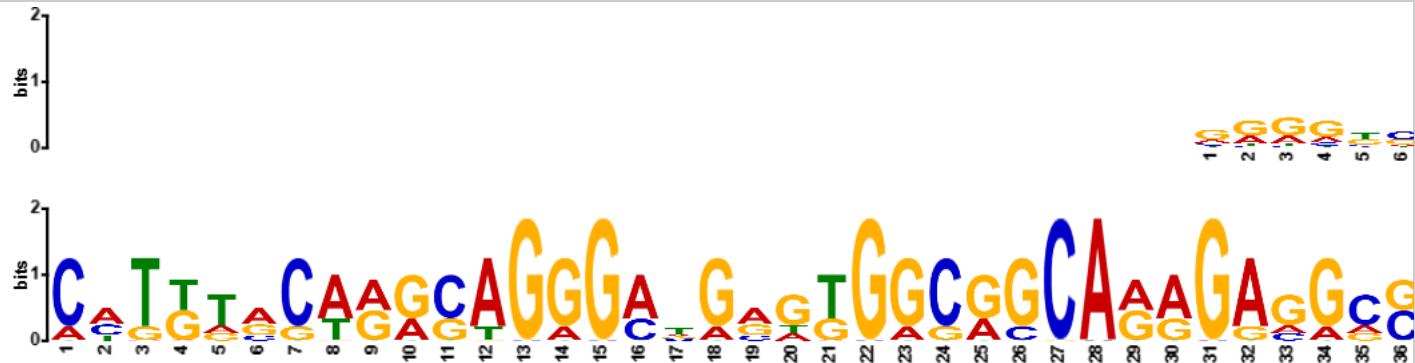
Name	STAT1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.26e-02
<i>E</i> -value	9.08e+00
<i>q</i> -value	4.13e-01
Overlap	19
Offset	-15
Orientation	Reverse Complement
Show logo download options	



Summary

Name	COT1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.30e-02
<i>E</i> -value	9.22e+00
<i>q</i> -value	4.13e-01
Overlap	17
Offset	-30
Orientation	Normal
Show logo download options	

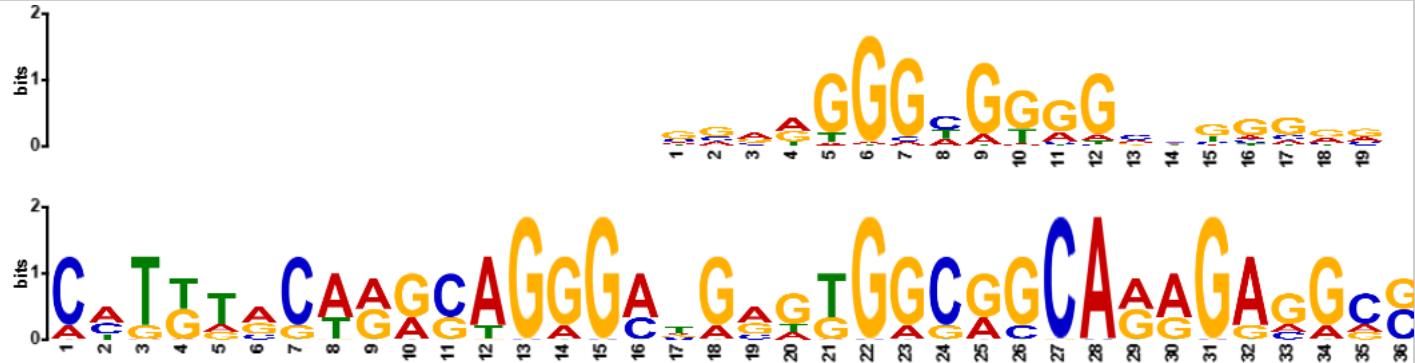
Optimal Alignment



Summary

Name	KLF6_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.48e-02
<i>E</i> -value	9.94e+00
<i>q</i> -value	4.31e-01
Overlap	19
Offset	-16
Orientation	Normal
Show logo download options	

Optimal Alignment



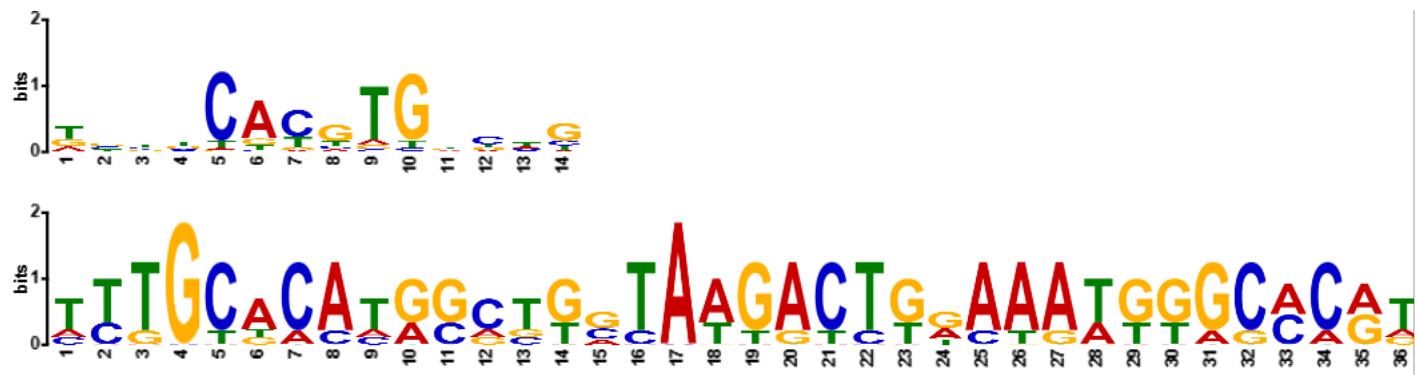
MATCHES TO TYTGCACATRSCTKSTAWGACTKRAAAWKKGCMCRTCYTTA (MEME-2)

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Summary

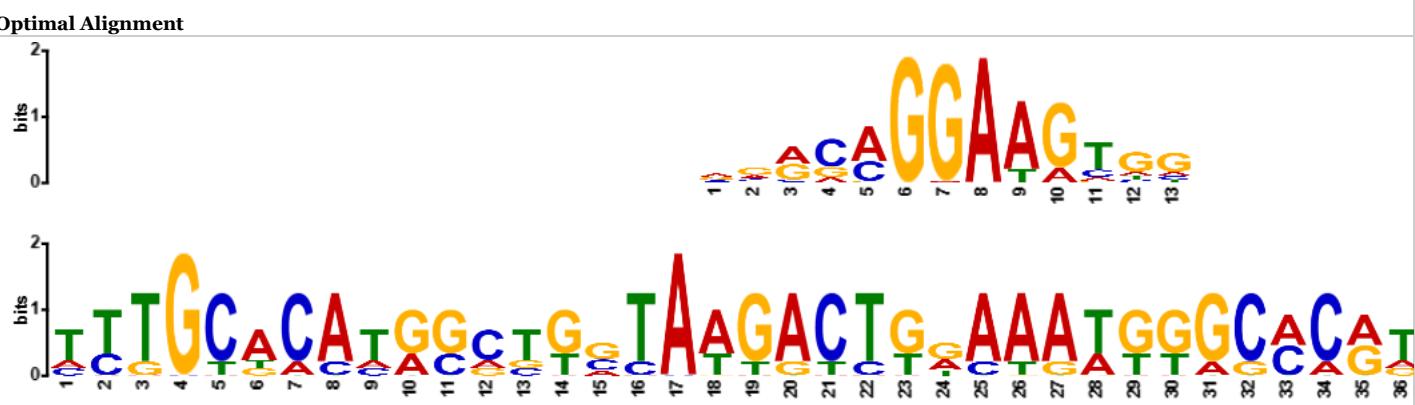
Optimal Alignment

Name	<u>CLOCK_HUMAN.H11MO.0.C</u>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.08e-03
E-value	8.35e-01
q-value	9.39e-01
Overlap	14
Offset	0
Orientation	Reverse Complement
	<u>Show logo download options</u>



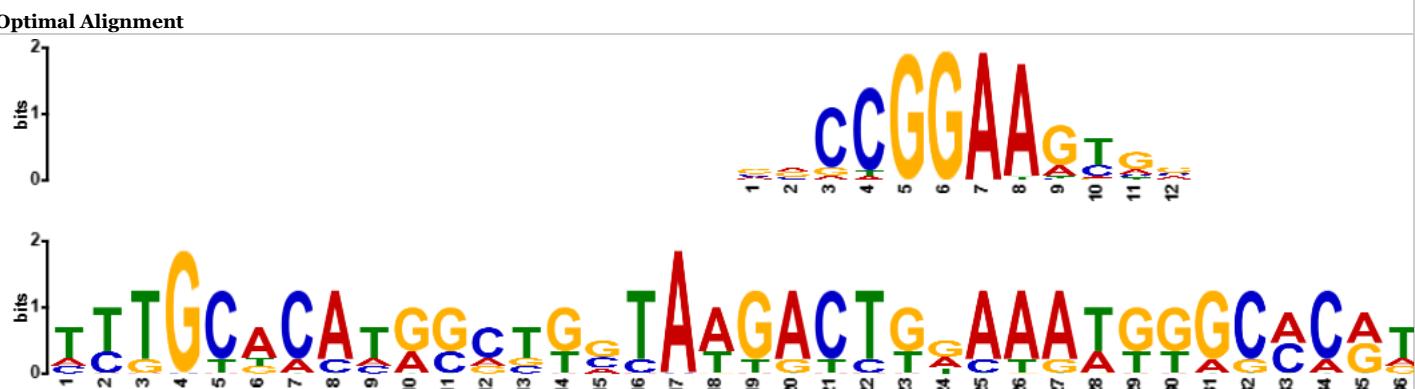
Summary

Name	ETS1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.62e-03
E-value	1.05e+00
q-value	9.39e-01
Overlap	13
Offset	-17
Orientation	Normal
	Show logo download options



Summary

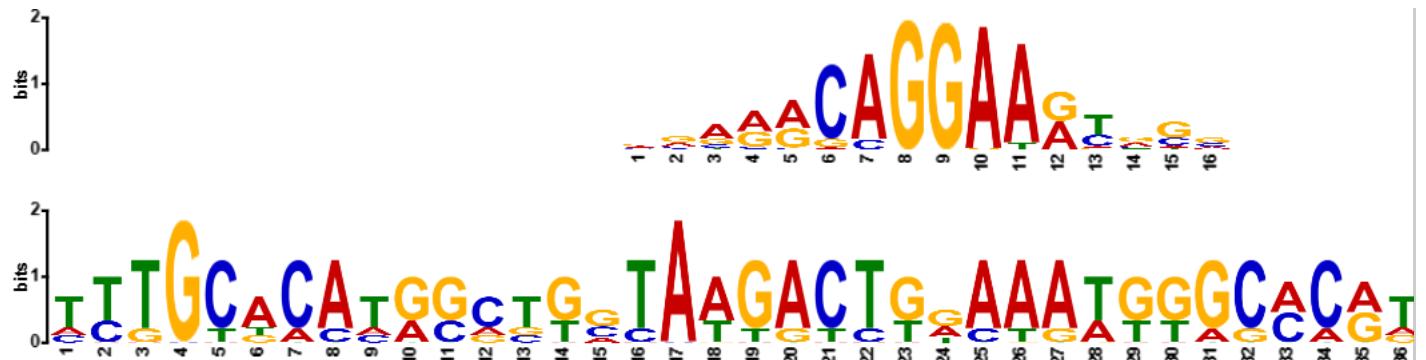
Name	ELK4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.51e-03
<i>E</i> -value	1.41e+00
<i>q</i> -value	9.39e-01
Overlap	12
Offset	-18
Orientation	Normal
	Show logo download options



Summary



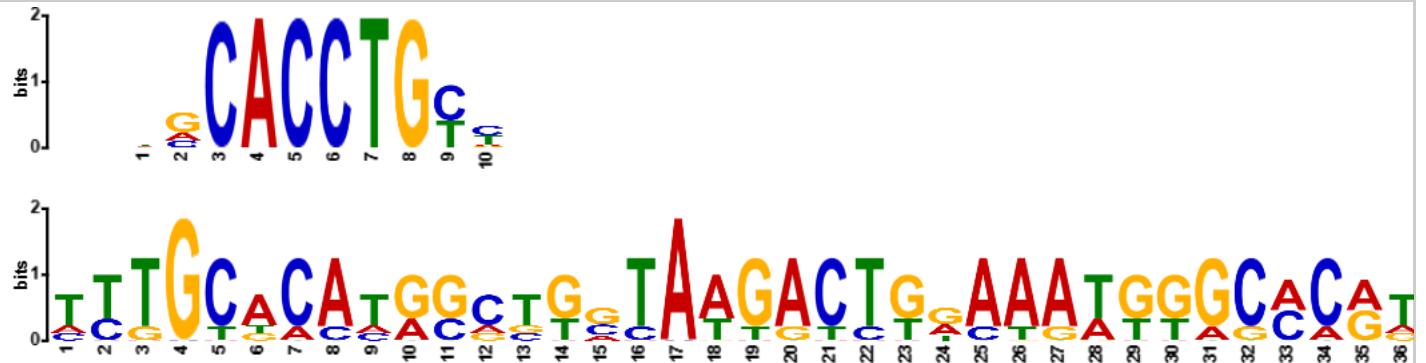
Name	ETV2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.38e-03
<i>E</i> -value	2.16e+00
<i>q</i> -value	1.00e+00
Overlap	16
Offset	-15
Orientation	Normal
Show logo download options	



Summary

Name	SNAI2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.64e-03
<i>E</i> -value	3.06e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	-2
Orientation	Reverse Complement
Show logo download options	

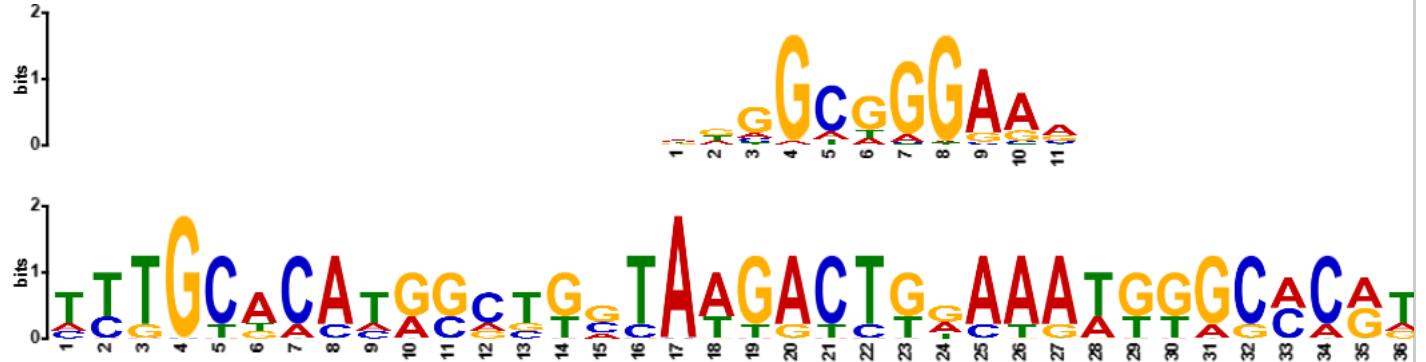
Optimal Alignment



Summary

Name	E2F3_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.31e-03
<i>E</i> -value	3.33e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	-16
Orientation	Normal
Show logo download options	

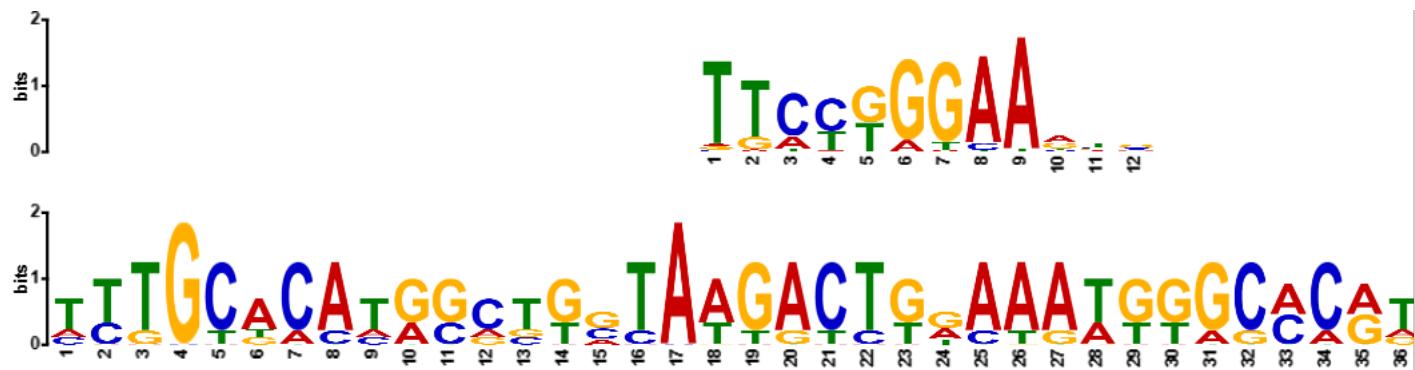
Optimal Alignment



Summary

Optimal Alignment

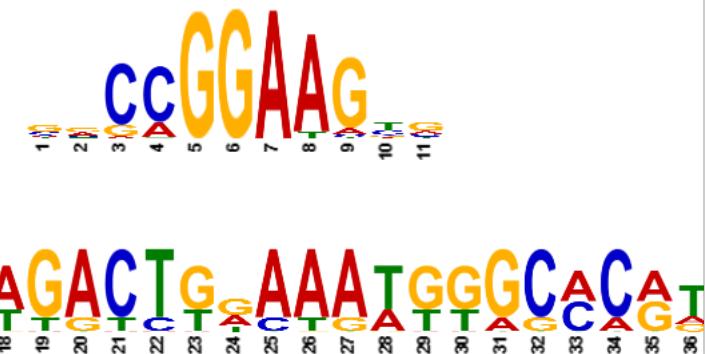
Name	STAT3_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.04e-02
<i>E</i> -value	4.18e+00
<i>q</i> -value	1.00e+00
Overlap	12
Offset	-17
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ETV1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.25e-02
<i>E</i> -value	5.03e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	-18
Orientation	Normal
	Show logo download options

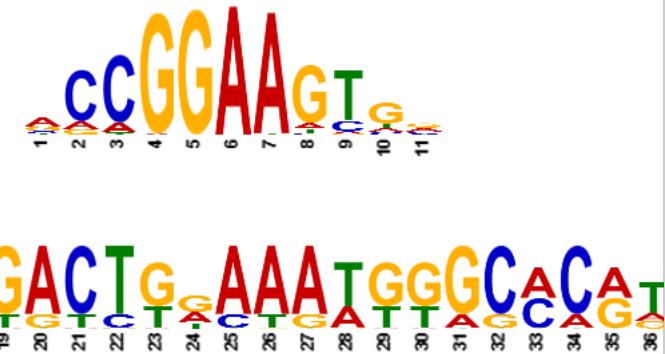
Optimal Alignment



Summary

Name	ELK1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.43e-02
<i>E</i> -value	5.75e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	-19
Orientation	Normal
	Show logo download options

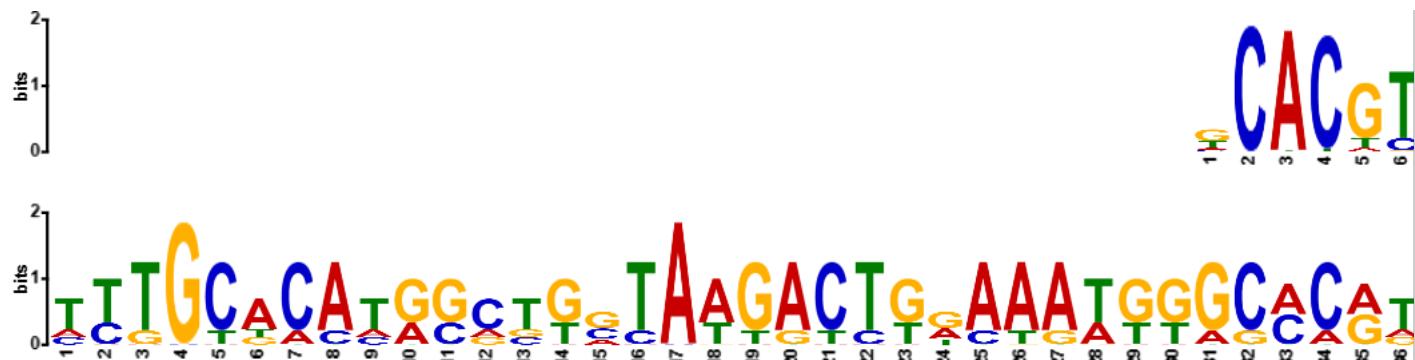
Optimal Alignment



Summary

Optimal Alignment

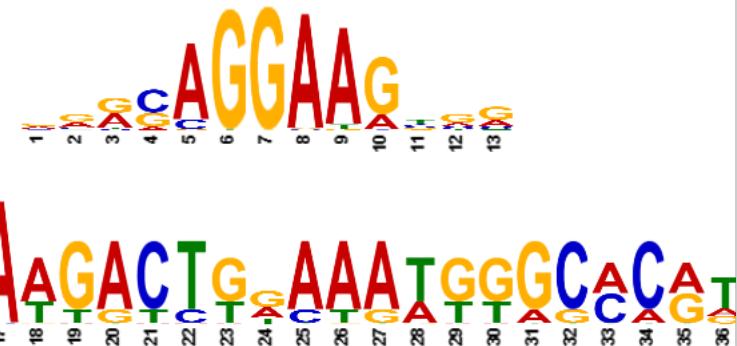
Name	HIF1A_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.73e-02
<i>E</i> -value	6.93e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	-30
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ERG_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.78e-02
<i>E</i> -value	7.15e+00
<i>q</i> -value	1.00e+00
Overlap	13
Offset	-17
Orientation	Normal
	Show logo download options

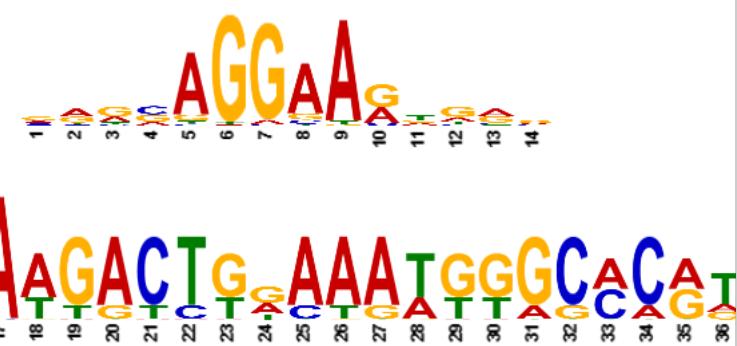
Optimal Alignment



Summary

Name	ETV5_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.80e-02
<i>E</i> -value	7.22e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	-17
Orientation	Normal
	Show logo download options

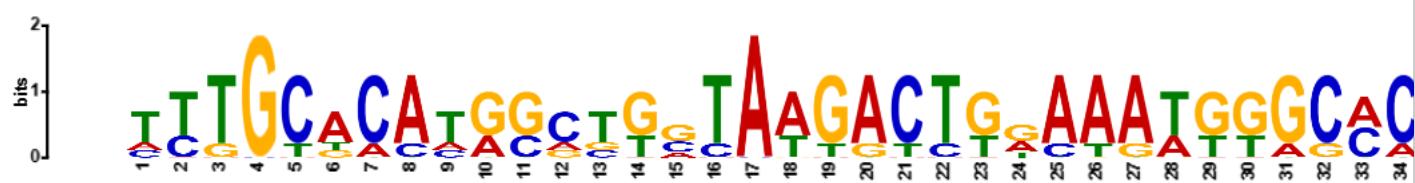
Optimal Alignment



Summary

Optimal Alignment

Name	POZF2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.86e-02
<i>E</i> -value	7.47e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	2
Orientation	Reverse Complement
	Show logo download options



Summary

Name	BRAC_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.19e-02
<i>E</i> -value	8.78e+00
<i>q</i> -value	1.00e+00
Overlap	18
Offset	2
Orientation	Reverse Complement
	Show logo download options

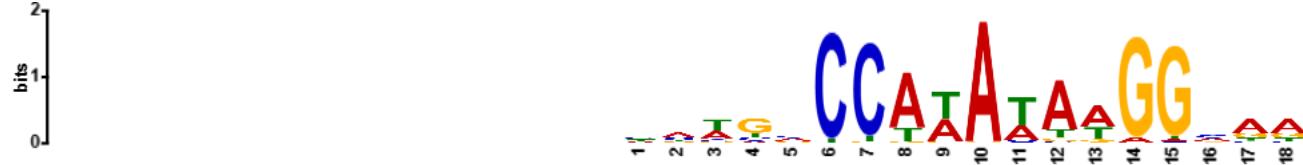
Optimal Alignment



Summary

Name	SRF_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.25e-02
<i>E</i> -value	9.01e+00
<i>q</i> -value	1.00e+00
Overlap	18
Offset	-15
Orientation	Reverse Complement
	Show logo download options

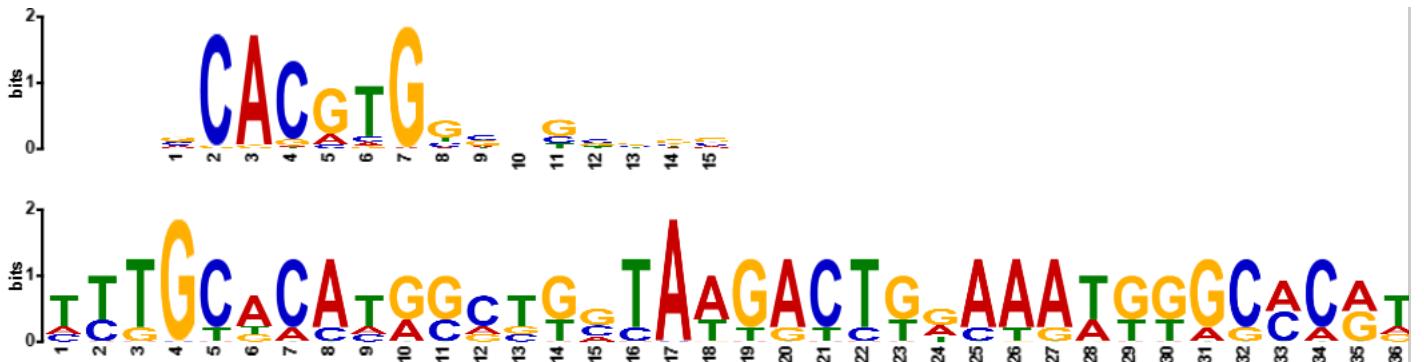
Optimal Alignment



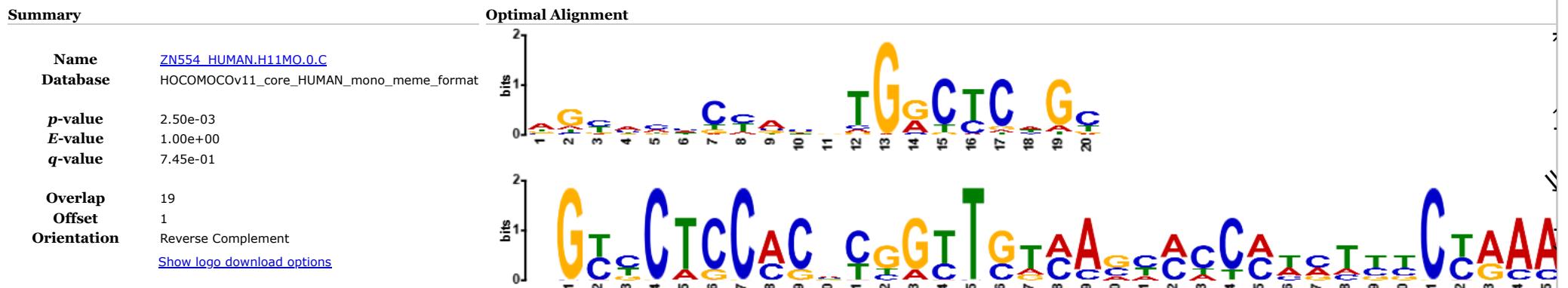
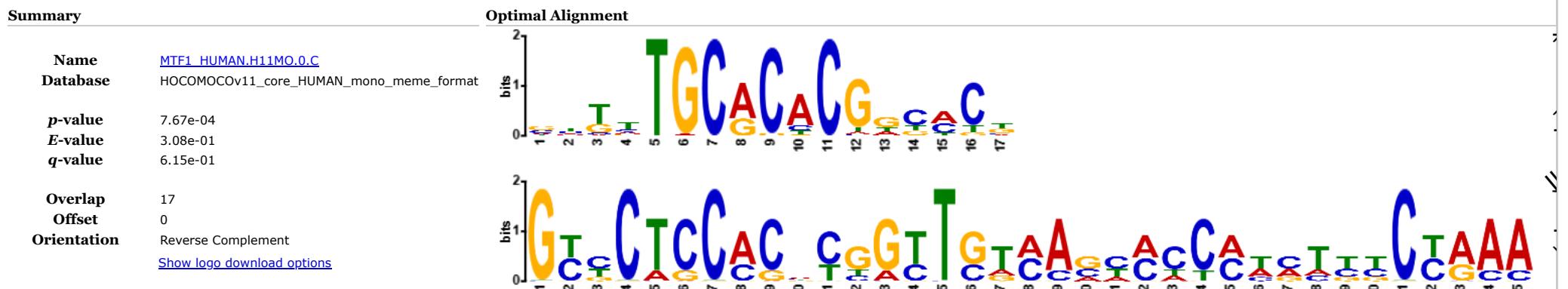
Summary

Optimal Alignment

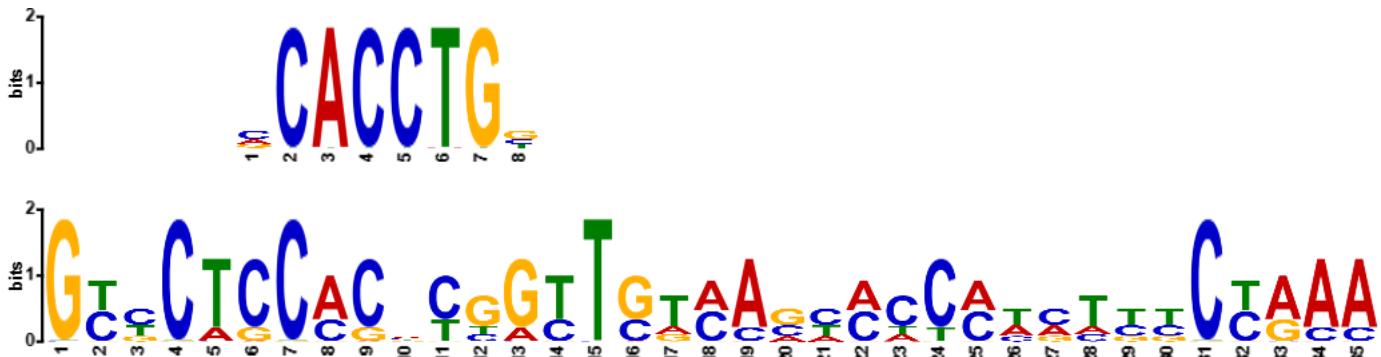
Name	MX1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.35e-02
<i>E</i> -value	9.43e+00
<i>q</i> -value	1.00e+00
Overlap	15
Offset	-3
Orientation	Normal
Show logo download options	



MATCHES TO GYYCTCCMCNYGGYTSTMASYMCCMWMTYYCYRAA (MEME-3)

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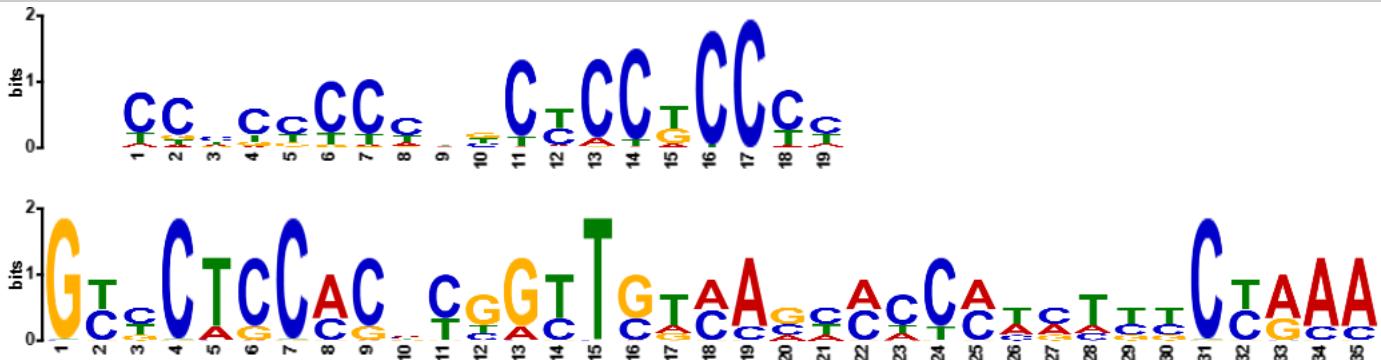
Name	SNAI1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.79e-03
<i>E</i> -value	1.12e+00
<i>q</i> -value	7.45e-01
Overlap	8
Offset	-5
Orientation	Reverse Complement
	Show logo download options



Summary

Name	KLF15_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.36e-03
<i>E</i> -value	2.15e+00
<i>q</i> -value	9.77e-01
Overlap	19
Offset	-2
Orientation	Reverse Complement
	Show logo download options

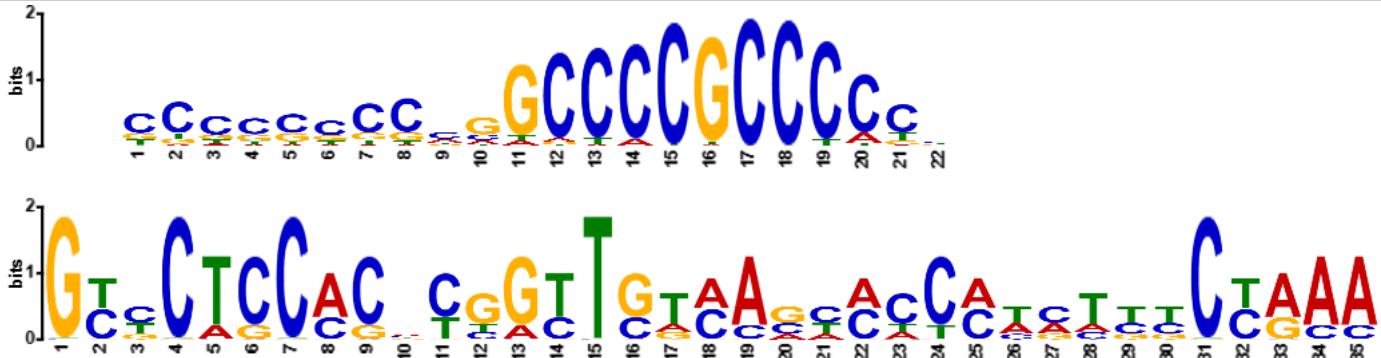
Optimal Alignment



Summary

Name	SP1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.58e-03
<i>E</i> -value	3.04e+00
<i>q</i> -value	9.77e-01
Overlap	22
Offset	-2
Orientation	Reverse Complement
	Show logo download options

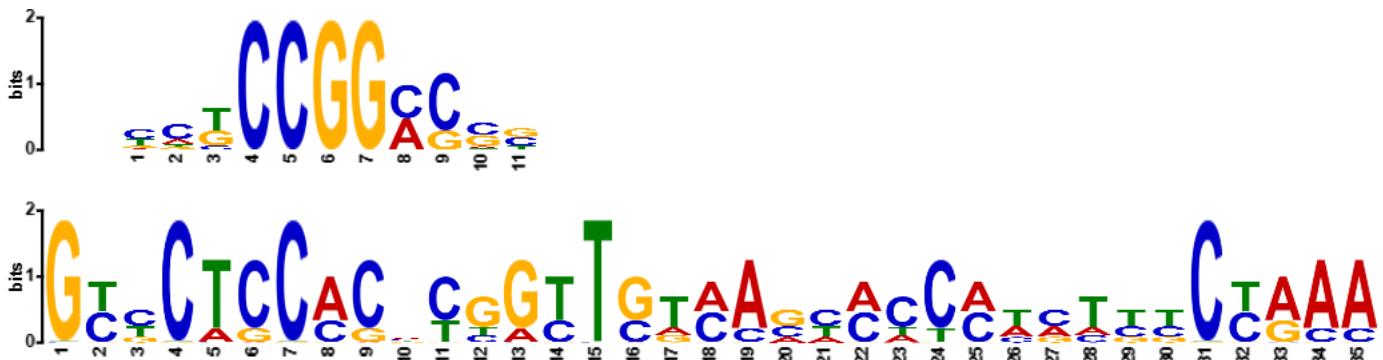
Optimal Alignment



Summary

Optimal Alignment

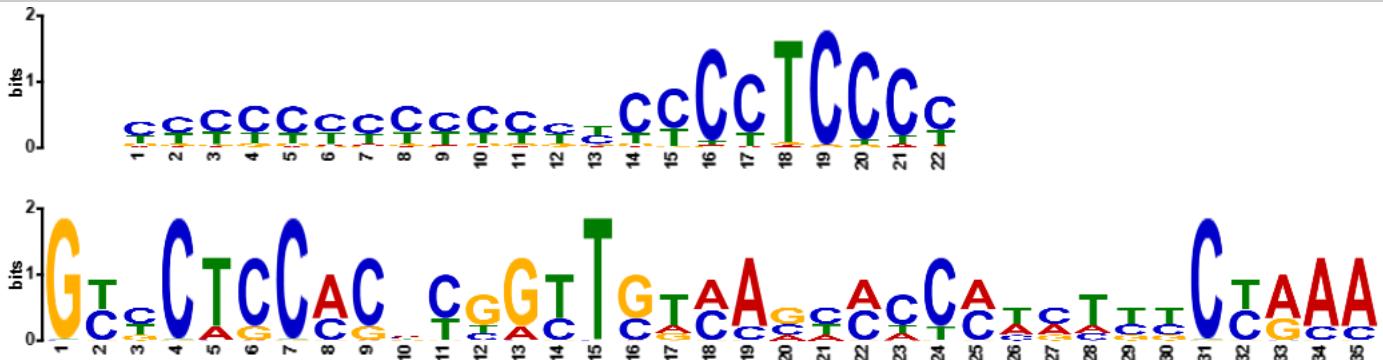
Name	MBD2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.80e-03
<i>E</i> -value	3.13e+00
<i>q</i> -value	9.77e-01
Overlap	11
Offset	-2
Orientation	Reverse Complement
Show logo download options	



Summary

Name	ZN467_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.10e-02
<i>E</i> -value	4.41e+00
<i>q</i> -value	9.77e-01
Overlap	22
Offset	-2
Orientation	Reverse Complement
Show logo download options	

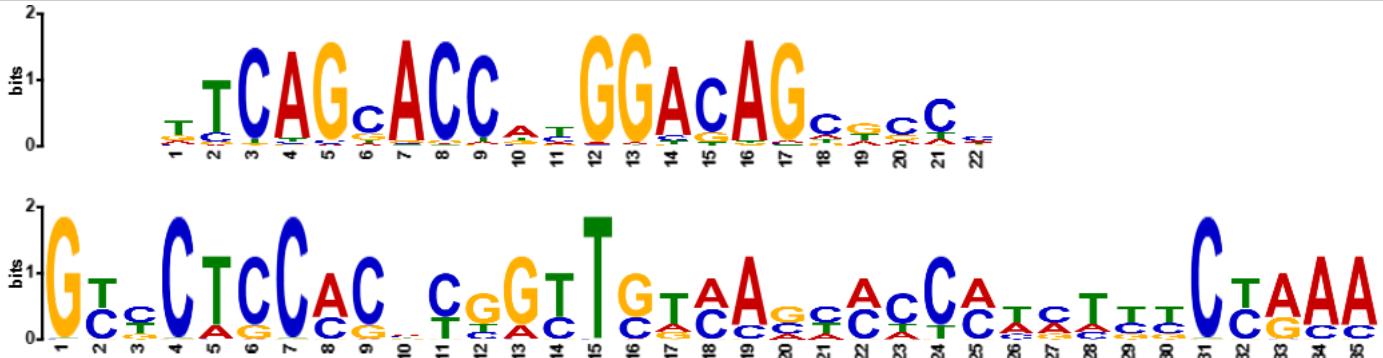
Optimal Alignment



Summary

Name	REST_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.26e-02
<i>E</i> -value	5.06e+00
<i>q</i> -value	9.77e-01
Overlap	22
Offset	-3
Orientation	Normal
Show logo download options	

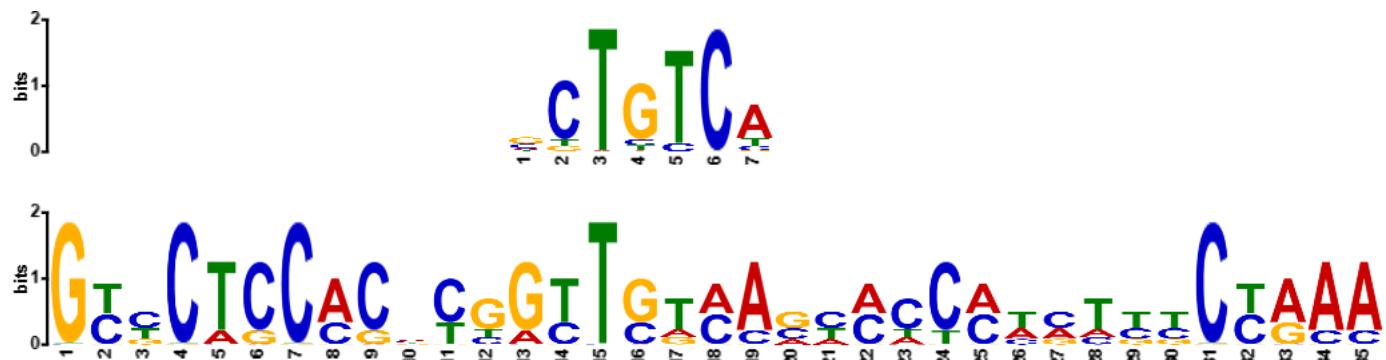
Optimal Alignment



Summary

Optimal Alignment

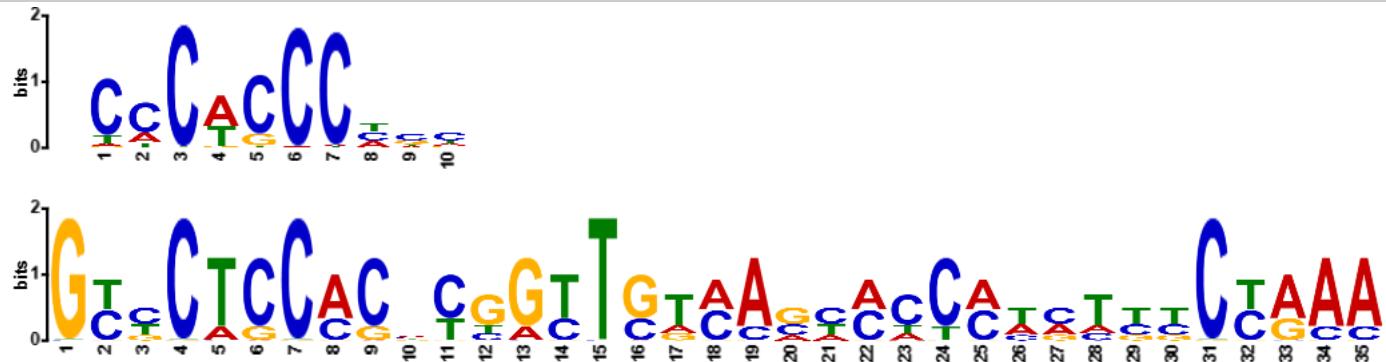
Name	TGIF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.30e-02
<i>E</i> -value	5.22e+00
<i>q</i> -value	9.77e-01
Overlap	7
Offset	-12
Orientation	Reverse Complement
	Show logo download options



Summary

Name	SALL4_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.30e-02
<i>E</i> -value	5.42e+00
<i>q</i> -value	9.77e-01
Overlap	10
Offset	-1
Orientation	Reverse Complement
	Show logo download options

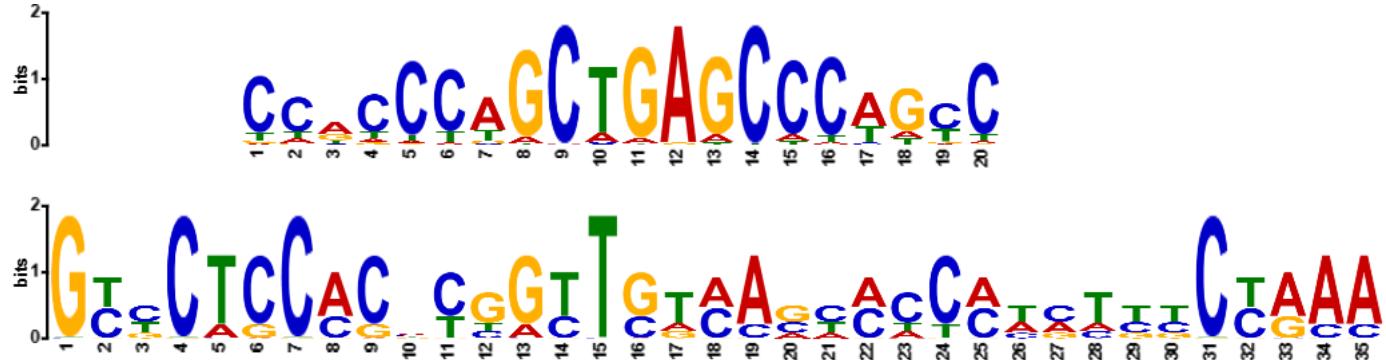
Optimal Alignment



Summary

Name	ZN331_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.59e-02
<i>E</i> -value	6.38e+00
<i>q</i> -value	9.77e-01
Overlap	20
Offset	-5
Orientation	Reverse Complement
	Show logo download options

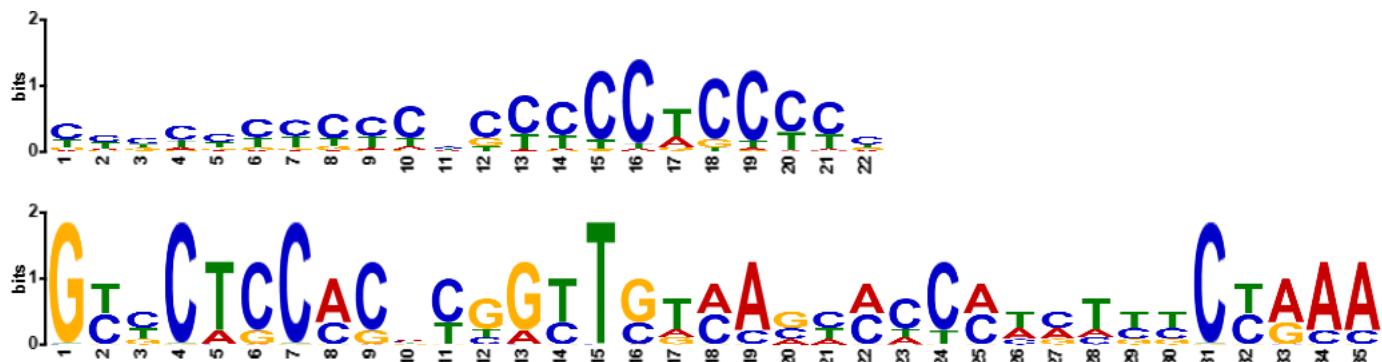
Optimal Alignment



Summary

Optimal Alignment

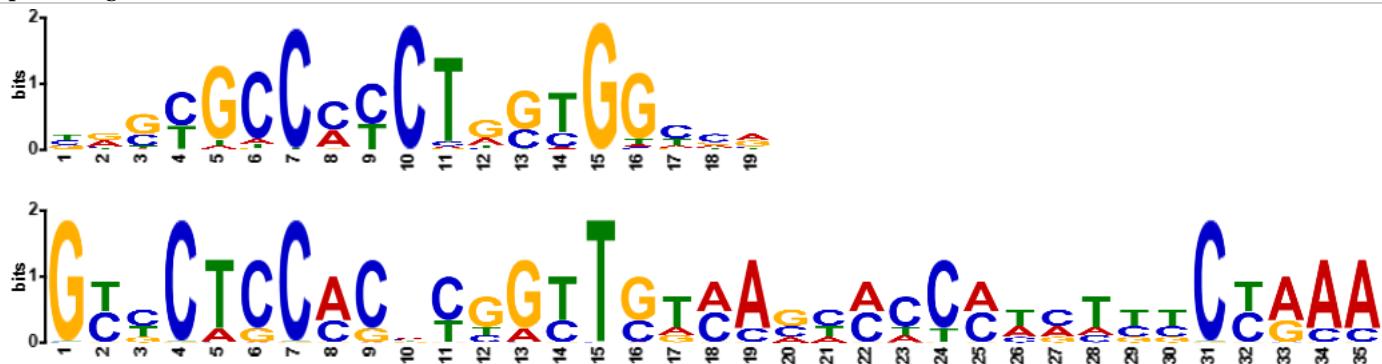
Name	MAZ_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.73e-02
<i>E</i> -value	6.92e+00
<i>q</i> -value	9.77e-01
Overlap	22
Offset	0
Orientation	Reverse Complement
Show logo download options	



Summary

Name	CTCF_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.77e-02
<i>E</i> -value	7.10e+00
<i>q</i> -value	9.77e-01
Overlap	19
Offset	0
Orientation	Reverse Complement
Show logo download options	

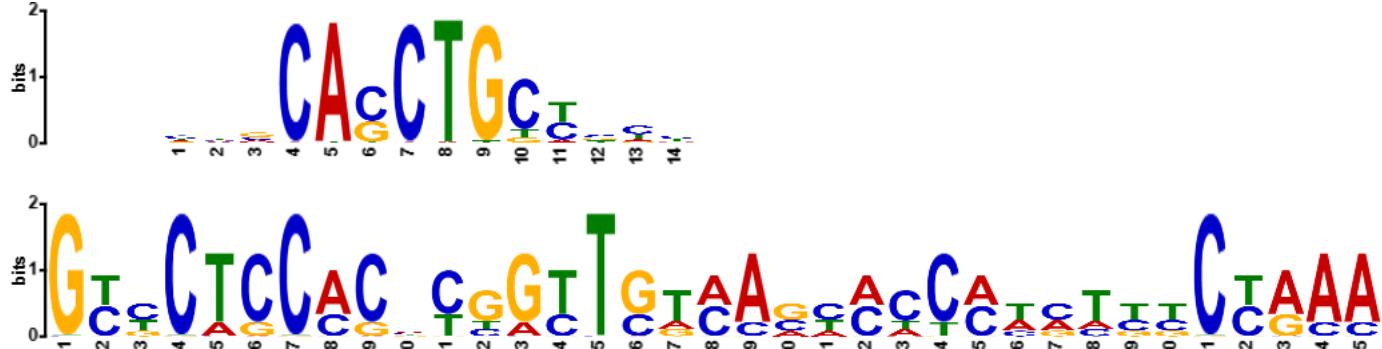
Optimal Alignment



Summary

Name	ASCL1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.98e-02
<i>E</i> -value	7.93e+00
<i>q</i> -value	9.77e-01
Overlap	14
Offset	-3
Orientation	Normal
Show logo download options	

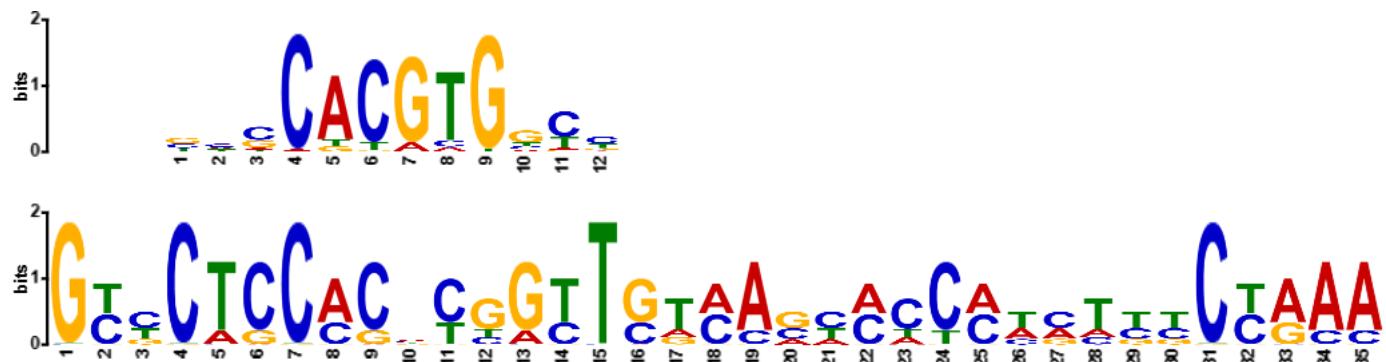
Optimal Alignment



Summary

Optimal Alignment

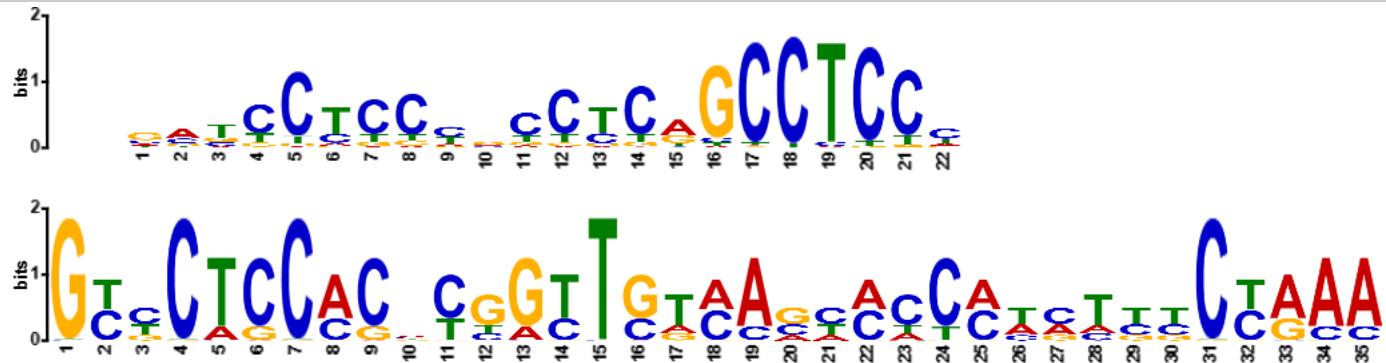
Name	MYCN_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.02e-02
<i>E</i> -value	8.08e+00
<i>q</i> -value	9.77e-01
Overlap	12
Offset	-3
Orientation	Reverse Complement
Show logo download options	



Summary

Name	ZN770_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.06e-02
<i>E</i> -value	8.25e+00
<i>q</i> -value	9.77e-01
Overlap	22
Offset	-2
Orientation	Reverse Complement
Show logo download options	

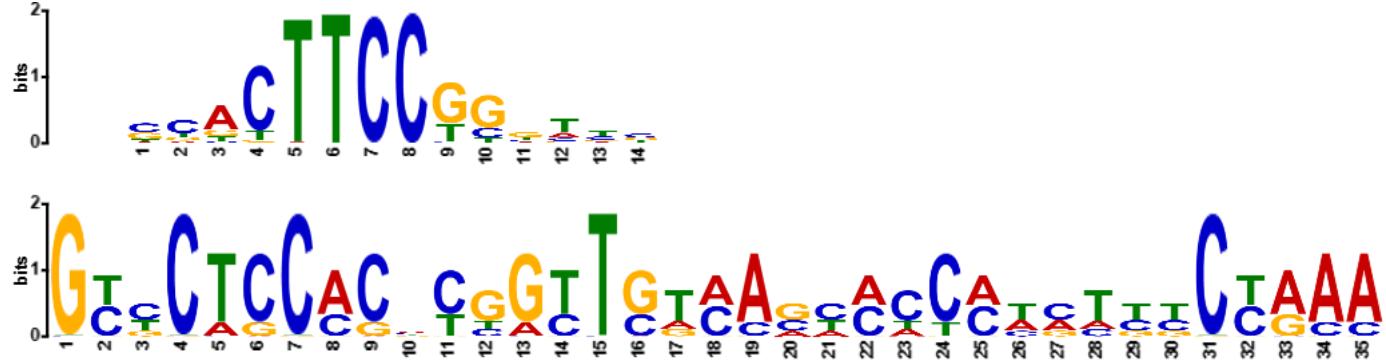
Optimal Alignment



Summary

Name	ELF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.46e-02
<i>E</i> -value	9.85e+00
<i>q</i> -value	9.77e-01
Overlap	14
Offset	-2
Orientation	Reverse Complement
Show logo download options	

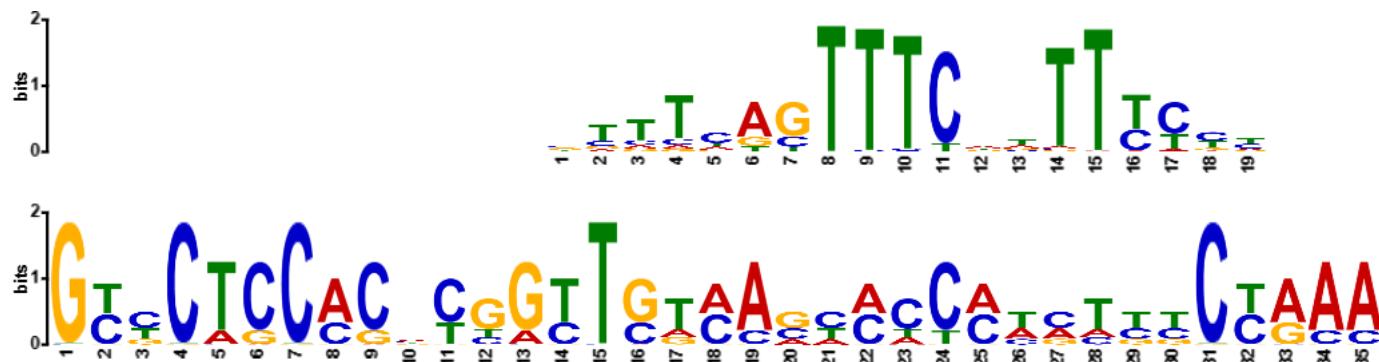
Optimal Alignment



Summary

Optimal Alignment

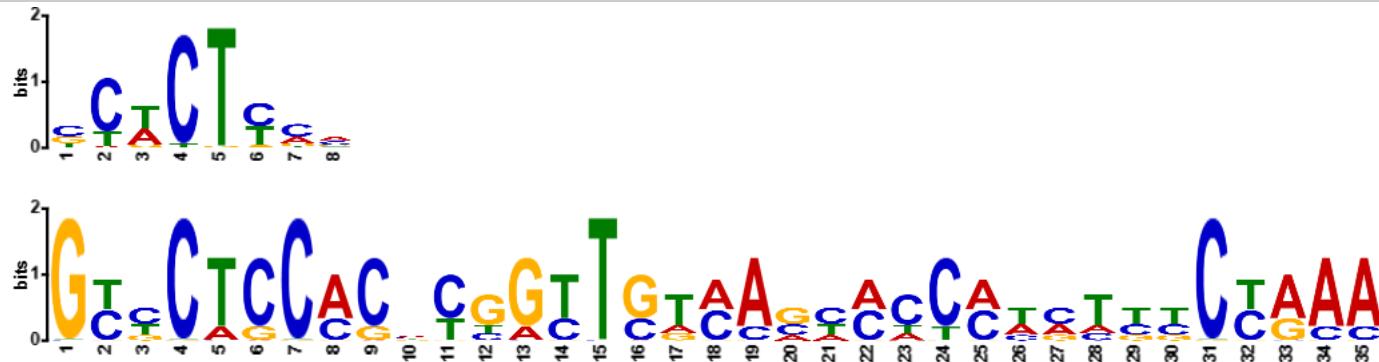
Name	STAT2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.46e-02
<i>E</i> -value	9.85e+00
<i>q</i> -value	9.77e-01
Overlap	19
Offset	-13
Orientation	Reverse Complement
	Show logo download options



Summary

Name	NKX25_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.46e-02
<i>E</i> -value	9.88e+00
<i>q</i> -value	9.77e-01
Overlap	8
Offset	0
Orientation	Reverse Complement
	Show logo download options

Optimal Alignment



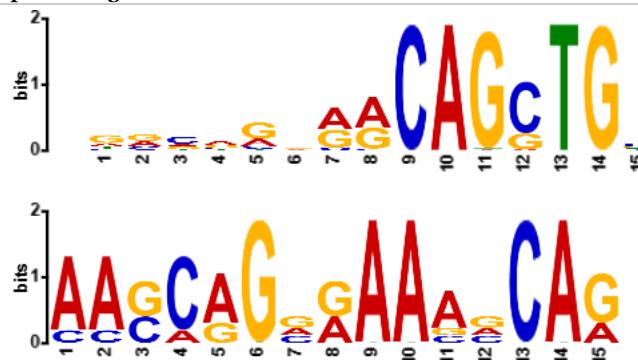
MATCHES TO AASCAGGVRAAVCAG (MEME-4)

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Summary

Name	MYOD1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.18e-04
<i>E</i> -value	2.88e-01
<i>q</i> -value	5.26e-01
Overlap	14
Offset	-1
Orientation	Reverse Complement
	Show logo download options

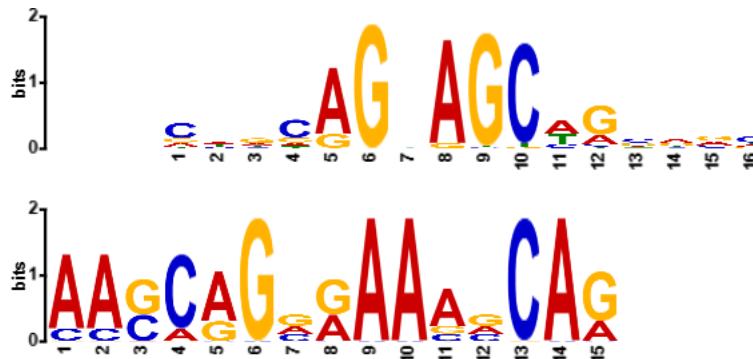
Optimal Alignment



Summary

Optimal Alignment

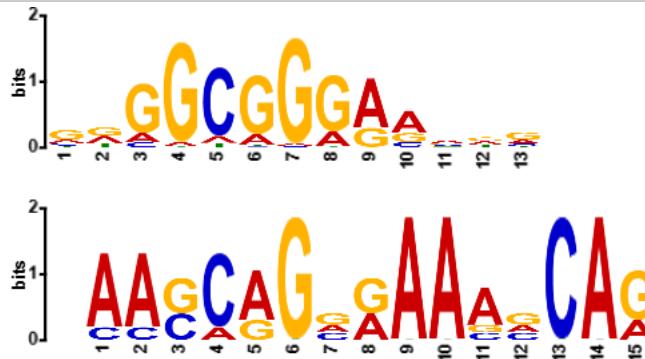
Name	OSR2_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.60e-03
<i>E</i> -value	1.44e+00
<i>q</i> -value	5.26e-01
Overlap	12
Offset	-3
Orientation	Reverse Complement
	Show logo download options



Summary

Name	E2F7_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.14e-03
<i>E</i> -value	1.66e+00
<i>q</i> -value	5.26e-01
Overlap	12
Offset	1
Orientation	Normal
	Show logo download options

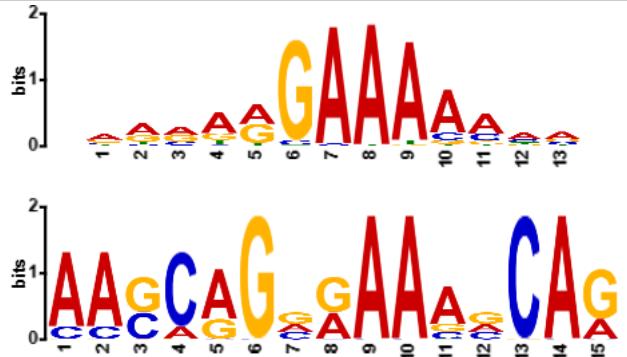
Optimal Alignment



Summary

Name	PRDM6_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.67e-03
<i>E</i> -value	1.87e+00
<i>q</i> -value	5.26e-01
Overlap	13
Offset	-1
Orientation	Normal
	Show logo download options

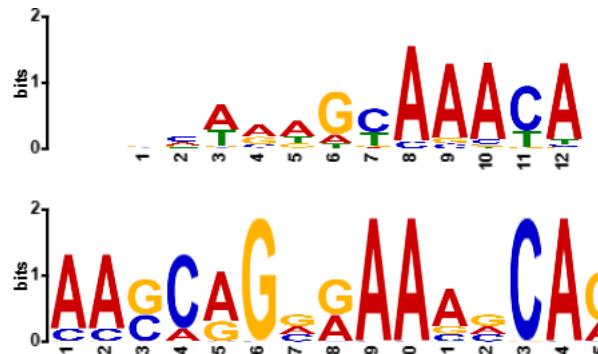
Optimal Alignment



Summary

Optimal Alignment

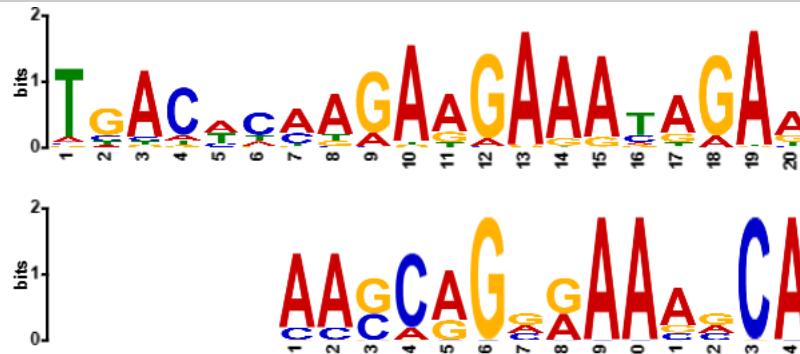
Name	FOXM1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.60e-03
<i>E</i> -value	2.24e+00
<i>q</i> -value	5.26e-01
Overlap	12
Offset	-2
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZFP28_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.17e-03
<i>E</i> -value	2.48e+00
<i>q</i> -value	5.26e-01
Overlap	14
Offset	6
Orientation	Reverse Complement
	Show logo download options

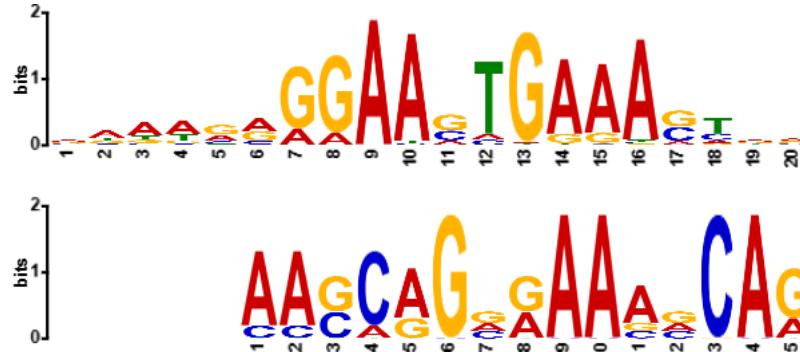
Optimal Alignment



Summary

Name	IRF8_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.10e-03
<i>E</i> -value	3.25e+00
<i>q</i> -value	5.26e-01
Overlap	15
Offset	5
Orientation	Normal
	Show logo download options

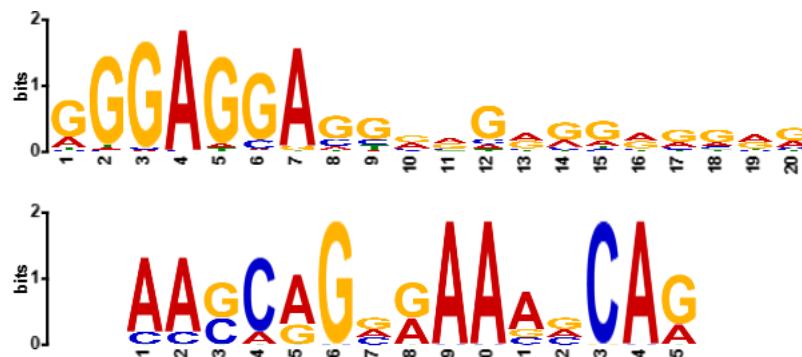
Optimal Alignment



Summary

Optimal Alignment

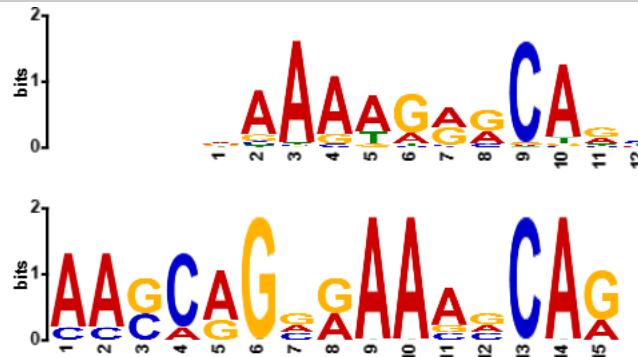
Name	ZN263_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.55e-03
<i>E</i> -value	3.43e+00
<i>q</i> -value	5.26e-01
Overlap	15
Offset	2
Orientation	Normal
Show logo download options	



Summary

Name	FEZF1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.11e-03
<i>E</i> -value	3.65e+00
<i>q</i> -value	5.26e-01
Overlap	11
Offset	-4
Orientation	Reverse Complement
Show logo download options	

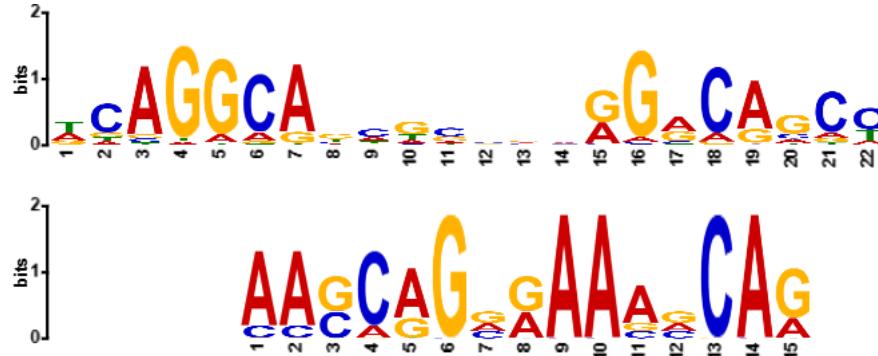
Optimal Alignment



Summary

Name	ZN335_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.02e-02
<i>E</i> -value	4.11e+00
<i>q</i> -value	5.26e-01
Overlap	15
Offset	5
Orientation	Reverse Complement
Show logo download options	

Optimal Alignment



Summary

Optimal Alignment

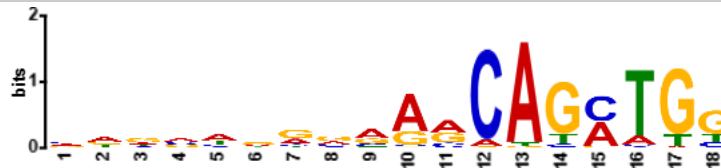
Name	ETV5_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.12e-02
<i>E</i> -value	4.47e+00
<i>q</i> -value	5.26e-01
Overlap	14
Offset	0
Orientation	Normal
Show logo download options	



Summary

Name	OLIG2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.13e-02
<i>E</i> -value	4.52e+00
<i>q</i> -value	5.26e-01
Overlap	15
Offset	0
Orientation	Reverse Complement
Show logo download options	

Optimal Alignment



Summary

Name	ZN816_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.13e-02
<i>E</i> -value	4.55e+00
<i>q</i> -value	5.26e-01
Overlap	15
Offset	4
Orientation	Normal
Show logo download options	

Optimal Alignment



Summary

Optimal Alignment

Name [FOXA2_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.15e-02

E-value 4.63e+00

q-value 5.26e-01

Overlap 12

Offset -2

Orientation Reverse Complement

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Summary

Name [FOXA1_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.22e-02

E-value 4.90e+00

q-value 5.26e-01

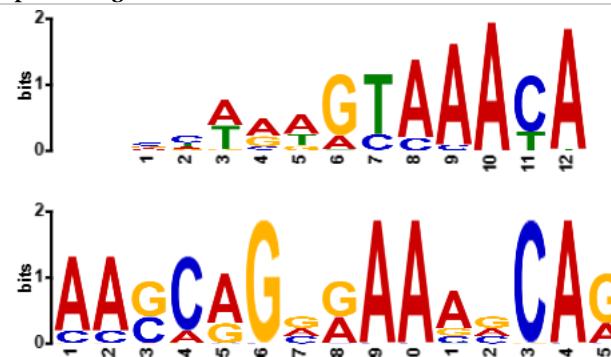
Overlap 12

Offset -2

Orientation Reverse Complement

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Optimal Alignment



Summary

Name [FOXO1_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.22e-02

E-value 4.90e+00

q-value 5.26e-01

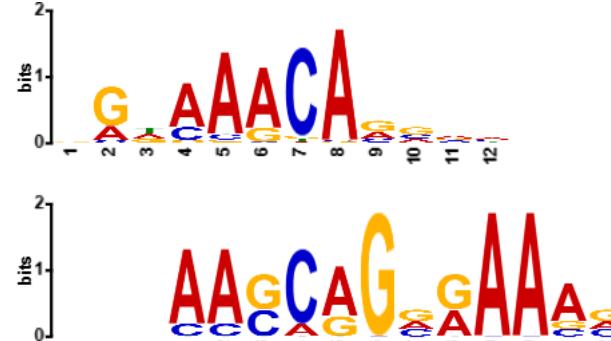
Overlap 9

Offset 3

Orientation Reverse Complement

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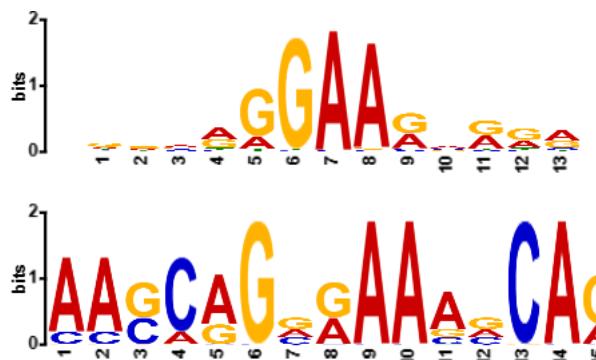
Optimal Alignment



Summary

Optimal Alignment

Name	ETS2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.25e-02
<i>E</i> -value	5.02e+00
<i>q</i> -value	5.26e-01
Overlap	13
Offset	-1
Orientation	Normal
Show logo download options	



Summary

Name	ZN586_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.30e-02
<i>E</i> -value	5.22e+00
<i>q</i> -value	5.26e-01
Overlap	15
Offset	5
Orientation	Normal
Show logo download options	

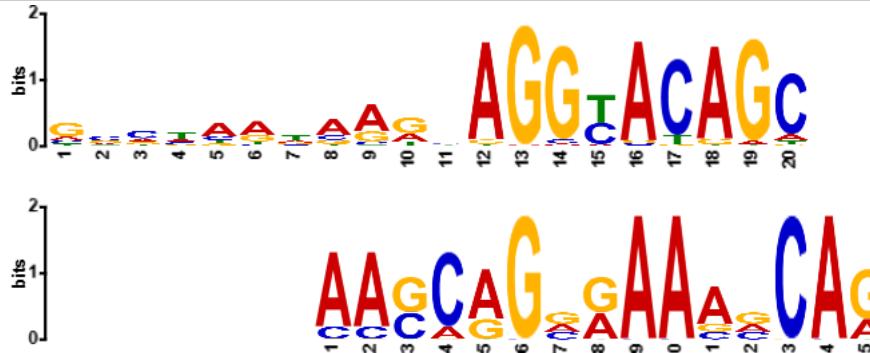
Optimal Alignment



Summary

Name	ZN708_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.37e-02
<i>E</i> -value	5.49e+00
<i>q</i> -value	5.26e-01
Overlap	13
Offset	7
Orientation	Normal
Show logo download options	

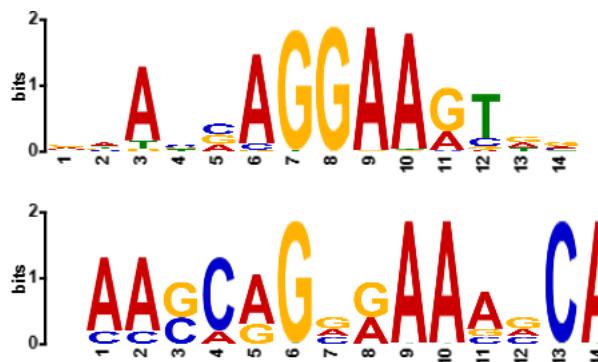
Optimal Alignment



Summary

Optimal Alignment

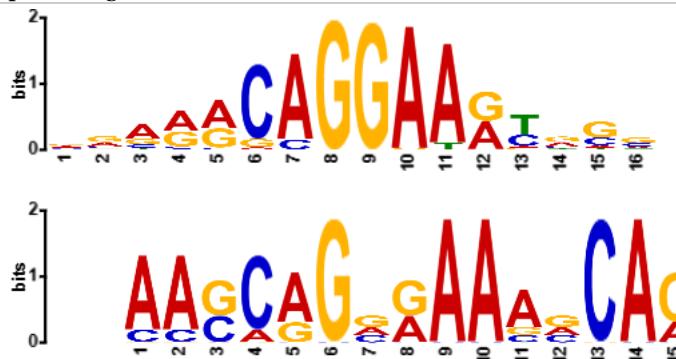
Name	ELF3_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.38e-02
<i>E</i> -value	5.54e+00
<i>q</i> -value	5.26e-01
Overlap	13
Offset	1
Orientation	Normal
Show logo download options	



Summary

Name	ETV2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.45e-02
<i>E</i> -value	5.80e+00
<i>q</i> -value	5.26e-01
Overlap	14
Offset	2
Orientation	Normal
Show logo download options	

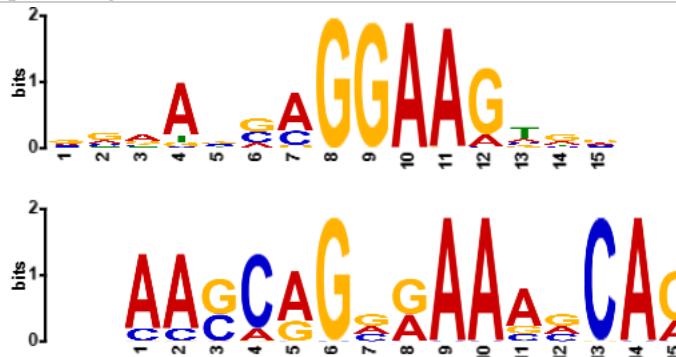
Optimal Alignment



Summary

Name	ELF5_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.56e-02
<i>E</i> -value	6.24e+00
<i>q</i> -value	5.26e-01
Overlap	13
Offset	2
Orientation	Normal
Show logo download options	

Optimal Alignment



Summary

Optimal Alignment

Name	ZN528_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.60e-02
<i>E</i> -value	6.40e+00
<i>q</i> -value	5.26e-01
Overlap	14
Offset	-1
Orientation	Normal
Show logo download options	



Summary

Name	LYL1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.62e-02
<i>E</i> -value	6.48e+00
<i>q</i> -value	5.26e-01
Overlap	10
Offset	-5
Orientation	Reverse Complement
Show logo download options	

Optimal Alignment



Summary

Name	PTF1A_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.78e-02
<i>E</i> -value	7.14e+00
<i>q</i> -value	5.29e-01
Overlap	14
Offset	-1
Orientation	Reverse Complement
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Optimal Alignment



Summary

Optimal Alignment

Name	CDX2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.93e-02
<i>E</i> -value	7.72e+00
<i>q</i> -value	5.29e-01
Overlap	11
Offset	1
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZNF41_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.97e-02
<i>E</i> -value	7.91e+00
<i>q</i> -value	5.29e-01
Overlap	15
Offset	0
Orientation	Normal
	Show logo download options

Optimal Alignment



Summary

Name	ELF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.99e-02
<i>E</i> -value	7.97e+00
<i>q</i> -value	5.29e-01
Overlap	13
Offset	1
Orientation	Normal
	Show logo download options

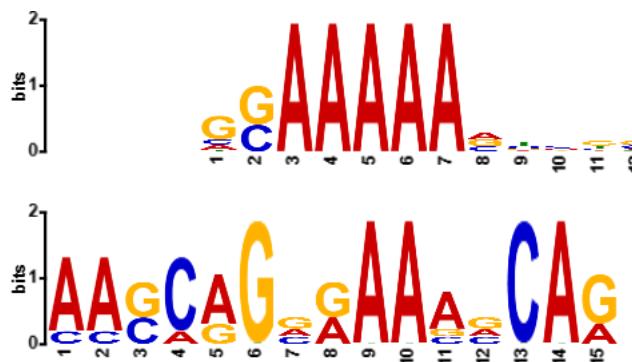
Optimal Alignment



Summary

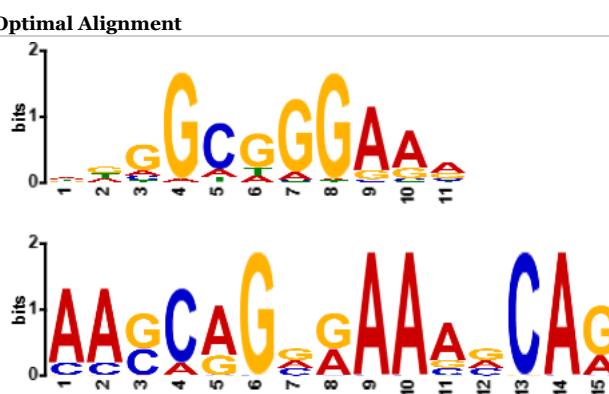
Optimal Alignment

Name	ZN384_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.04e-02
<i>E</i> -value	8.16e+00
<i>q</i> -value	5.29e-01
Overlap	11
Offset	-4
Orientation	Normal
Show logo download options	



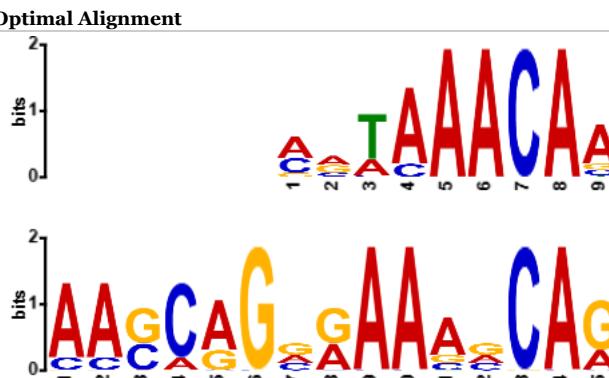
Summary

Name	E2F3_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.09e-02
<i>E</i> -value	8.37e+00
<i>q</i> -value	5.29e-01
Overlap	11
Offset	0
Orientation	Normal
Show logo download options	



Summary

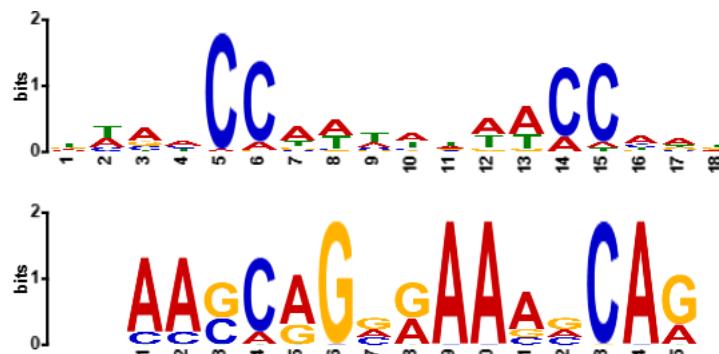
Name	FOXO4_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.16e-02
<i>E</i> -value	8.66e+00
<i>q</i> -value	5.29e-01
Overlap	9
Offset	-6
Orientation	Reverse Complement
Show logo download options	



Summary

Optimal Alignment

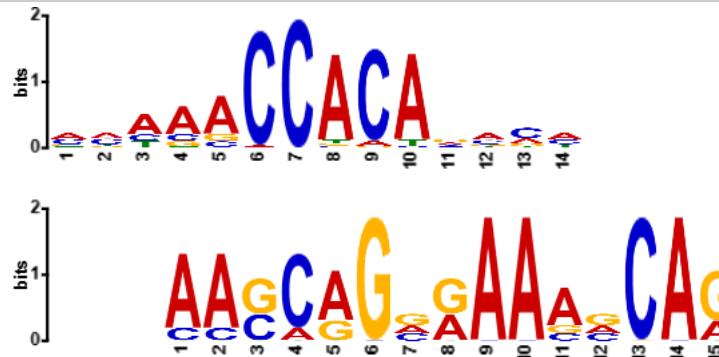
Name	AIRE_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.17e-02
<i>E</i> -value	8.69e+00
<i>q</i> -value	5.29e-01
Overlap	15
Offset	2
Orientation	Reverse Complement
	Show logo download options



Summary

Name	RUNX2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.31e-02
<i>E</i> -value	9.28e+00
<i>q</i> -value	5.33e-01
Overlap	11
Offset	3
Orientation	Reverse Complement
	Show logo download options

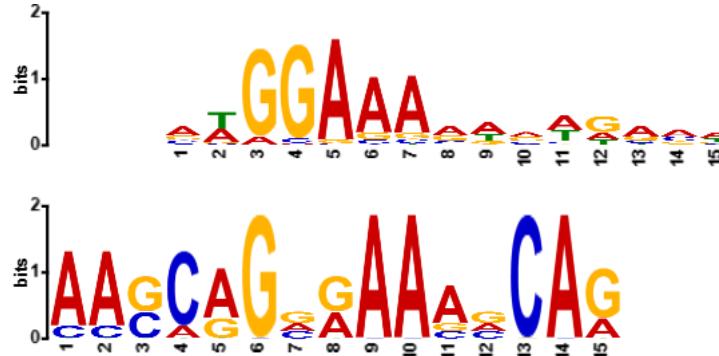
Optimal Alignment



Summary

Name	NFAC1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.32e-02
<i>E</i> -value	9.30e+00
<i>q</i> -value	5.33e-01
Overlap	12
Offset	-3
Orientation	Normal
	Show logo download options

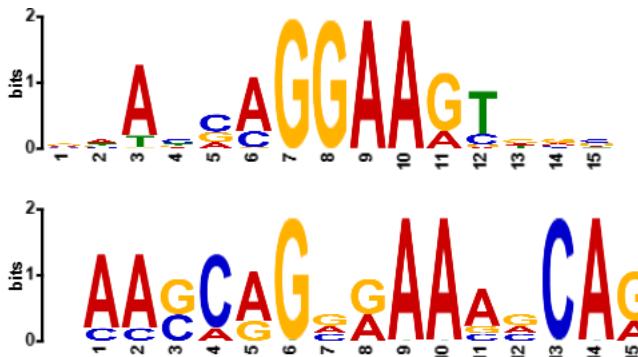
Optimal Alignment



Summary

Optimal Alignment

Name	EHF_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.44e-02
<i>E</i> -value	9.77e+00
<i>q</i> -value	5.43e-01
Overlap	14
Offset	1
Orientation	Normal
Show logo download options	



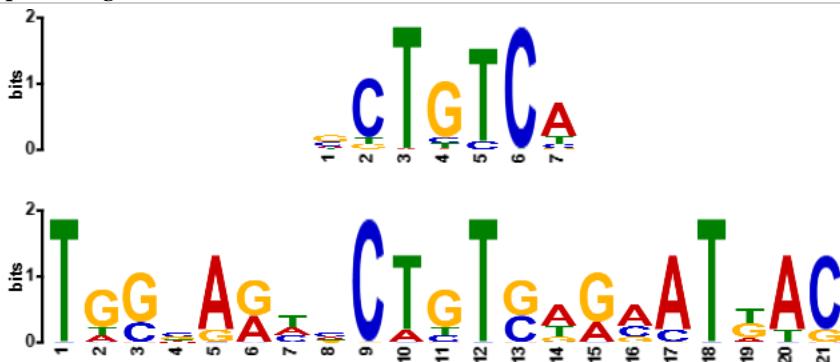
MATCHES TO TGGSARHMCTGTSGMATAKAC (MEME-5)

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Summary

Name	TGIF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.66e-03
<i>E</i> -value	1.87e+00
<i>q</i> -value	1.00e+00
Overlap	7
Offset	-7
Orientation	Reverse Complement
Show logo download options	

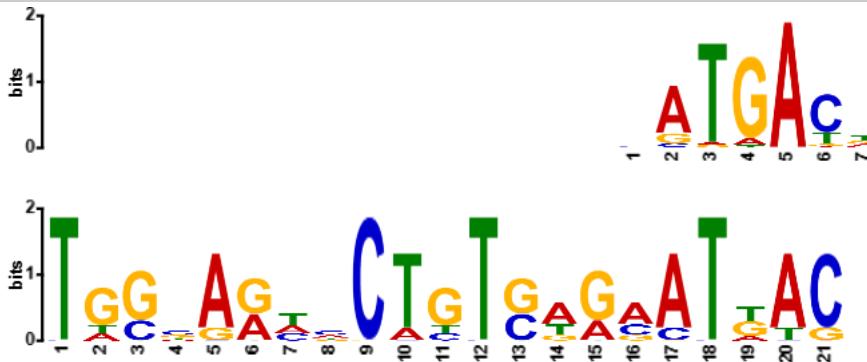
Optimal Alignment



Summary

Name	NF2L1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.68e-03
<i>E</i> -value	2.28e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	-15
Orientation	Reverse Complement
Show logo download options	

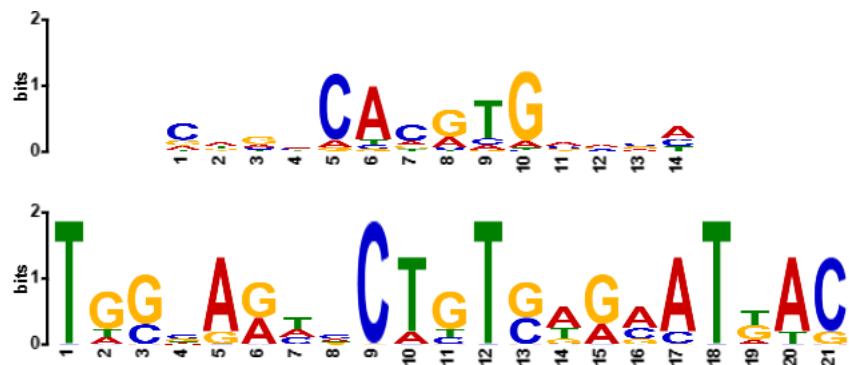
Optimal Alignment



Summary

Optimal Alignment

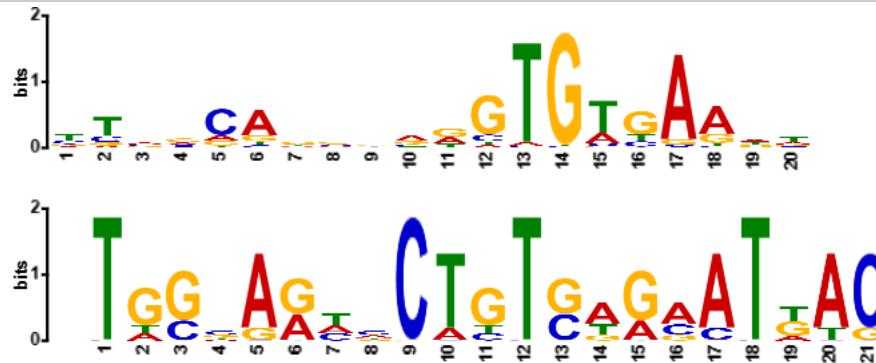
Name	CLOCK_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.62e-03
<i>E</i> -value	3.45e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	-3
Orientation	Normal
Show logo download options	



Summary

Name	BRAC_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.19e-02
<i>E</i> -value	4.77e+00
<i>q</i> -value	1.00e+00
Overlap	19
Offset	1
Orientation	Normal
Show logo download options	

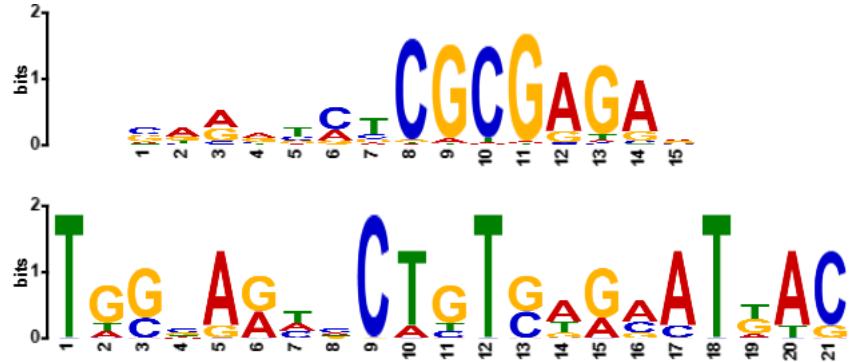
Optimal Alignment



Summary

Name	KAISO_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.33e-02
<i>E</i> -value	5.32e+00
<i>q</i> -value	1.00e+00
Overlap	15
Offset	-2
Orientation	Normal
Show logo download options	

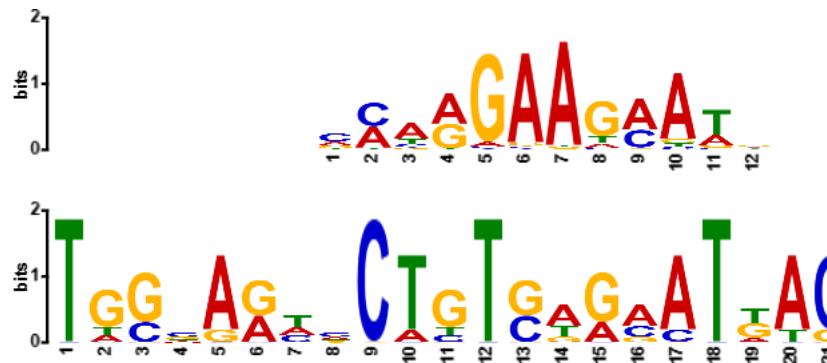
Optimal Alignment



Summary

Optimal Alignment

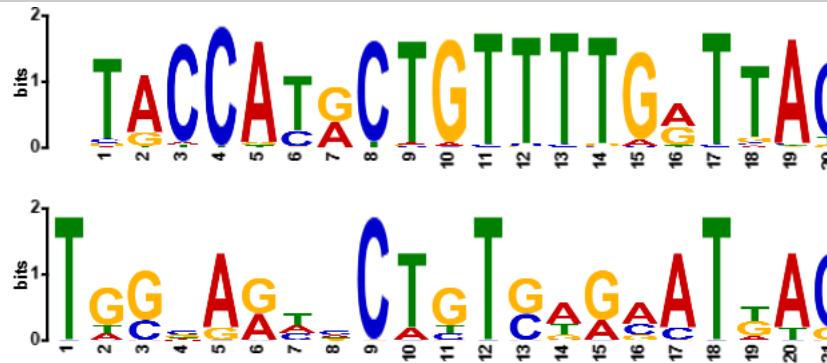
Name	SMCA1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.86e-02
<i>E</i> -value	7.47e+00
<i>q</i> -value	1.00e+00
Overlap	12
Offset	-7
Orientation	Normal
Show logo download options	



Summary

Name	ZN250_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.14e-02
<i>E</i> -value	8.56e+00
<i>q</i> -value	1.00e+00
Overlap	20
Offset	-1
Orientation	Normal
Show logo download options	

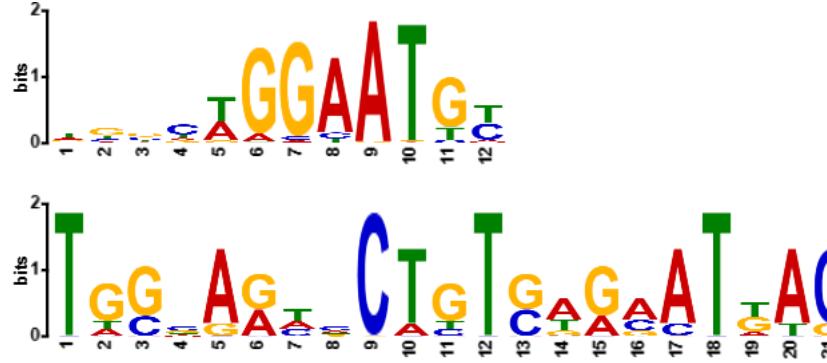
Optimal Alignment



Summary

Name	TEAD1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.21e-02
<i>E</i> -value	8.87e+00
<i>q</i> -value	1.00e+00
Overlap	12
Offset	0
Orientation	Reverse Complement
Show logo download options	

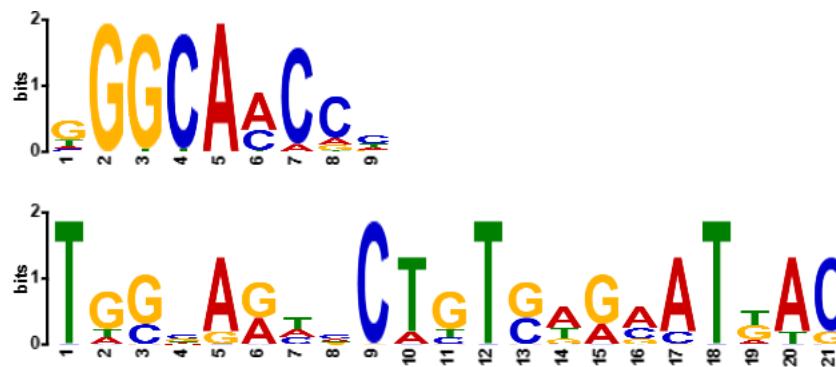
Optimal Alignment



Summary

Optimal Alignment

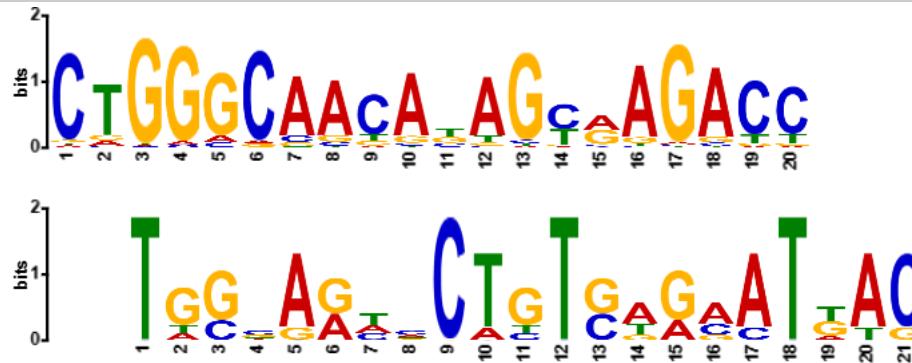
Name	HIC1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.38e-02
<i>E</i> -value	9.55e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	0
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN121_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.43e-02
<i>E</i> -value	9.76e+00
<i>q</i> -value	1.00e+00
Overlap	18
Offset	2
Orientation	Normal
	Show logo download options

Optimal Alignment



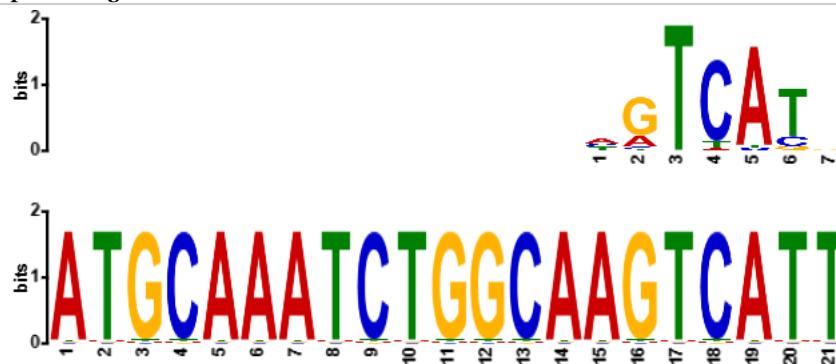
MATCHES TO ATGCAAATCTGGCAAGTCATT (MEME-6)

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Summary

Name	NF2L1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.10e-03
<i>E</i> -value	4.40e-01
<i>q</i> -value	4.96e-01
Overlap	7
Offset	-14
Orientation	Normal
	Show logo download options

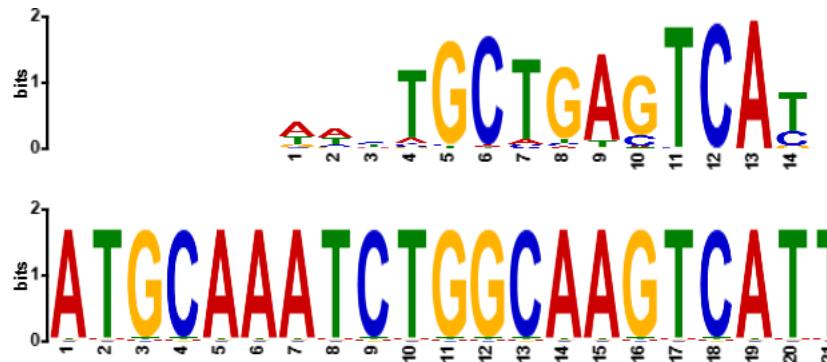
Optimal Alignment



Summary

Optimal Alignment

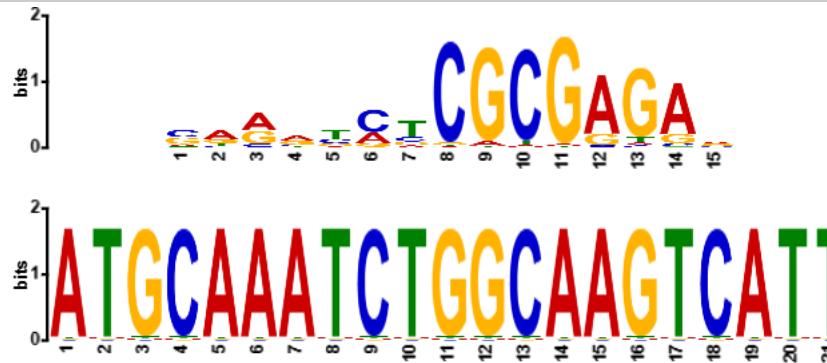
Name	NF2L2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.24e-03
<i>E</i> -value	4.96e-01
<i>q</i> -value	4.96e-01
Overlap	14
Offset	-6
Orientation	Normal
Show logo download options	



Summary

Name	KAISO_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.29e-03
<i>E</i> -value	9.19e-01
<i>q</i> -value	6.13e-01
Overlap	15
Offset	-3
Orientation	Normal
Show logo download options	

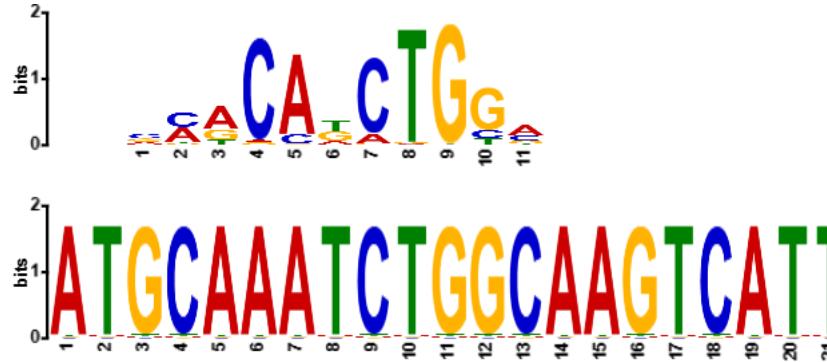
Optimal Alignment



Summary

Name	ZBTB18_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.48e-03
<i>E</i> -value	2.60e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	-2
Orientation	Reverse Complement
Show logo download options	

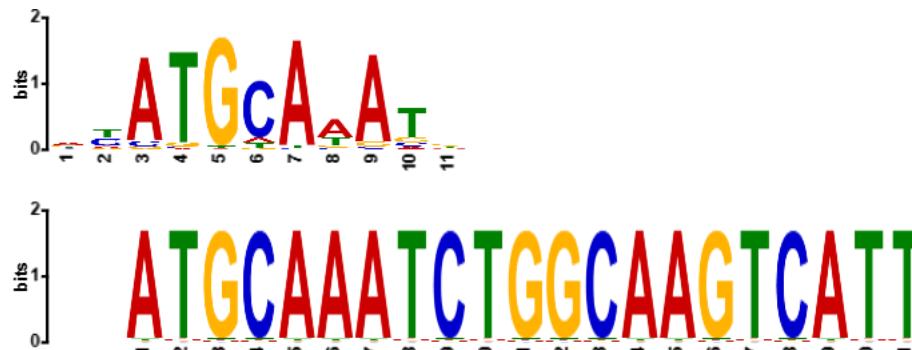
Optimal Alignment



Summary

Optimal Alignment

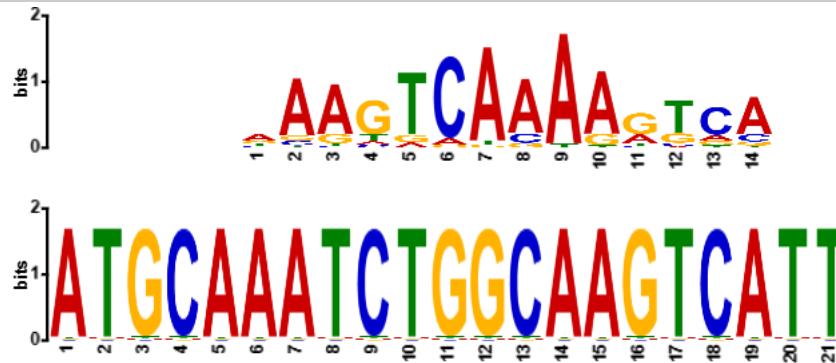
Name	POZF2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.24e-02
<i>E</i> -value	4.99e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	2
Orientation	Normal
Show logo download options	



Summary

Name	NR2E3_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.39e-02
<i>E</i> -value	5.58e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	-5
Orientation	Normal
Show logo download options	

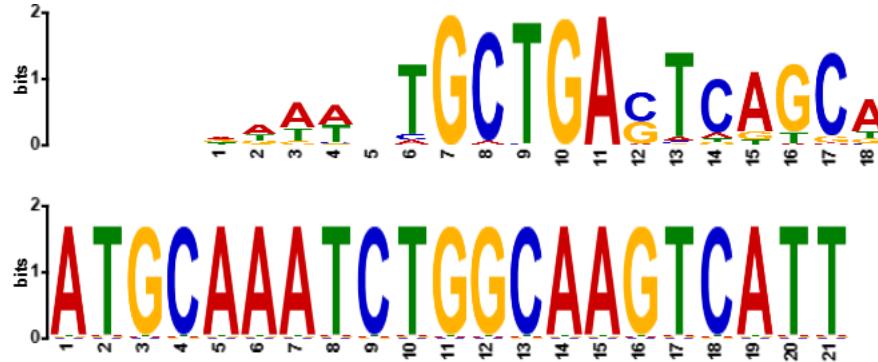
Optimal Alignment



Summary

Name	MAFG_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.41e-02
<i>E</i> -value	5.64e+00
<i>q</i> -value	1.00e+00
Overlap	17
Offset	-4
Orientation	Normal
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Optimal Alignment



Summary

Optimal Alignment

Name [BACH2_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.42e-02

E-value 5.68e+00

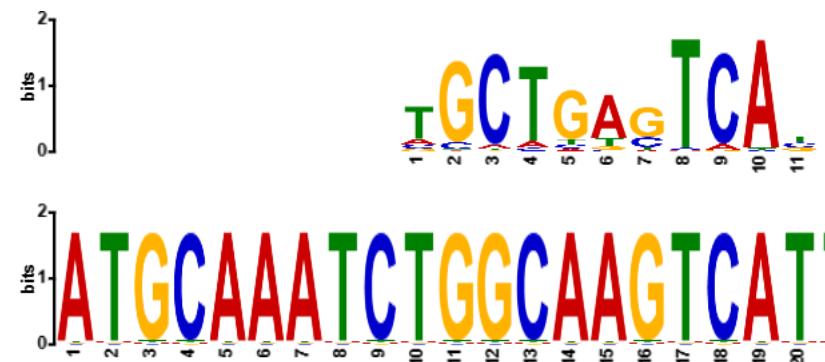
q-value 1.00e+00

Overlap 11

Offset -9

Orientation Normal

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Summary

Name [MAFK_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.45e-02

E-value 5.82e+00

q-value 1.00e+00

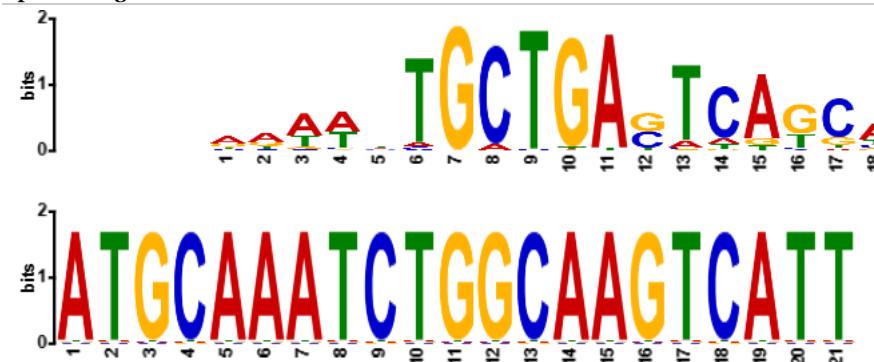
Overlap 17

Offset -4

Orientation Normal

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Optimal Alignment



Summary

Name [JUND_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.68e-02

E-value 6.72e+00

q-value 1.00e+00

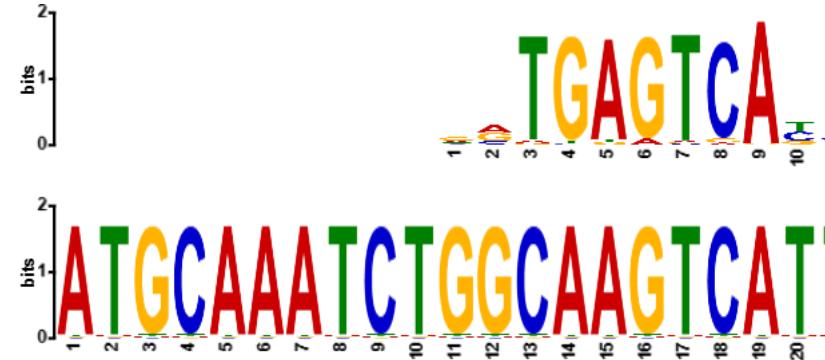
Overlap 11

Offset -10

Orientation Normal

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Optimal Alignment



Summary

Optimal Alignment

Name [MEIS2_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.72e-02

E-value 6.88e+00

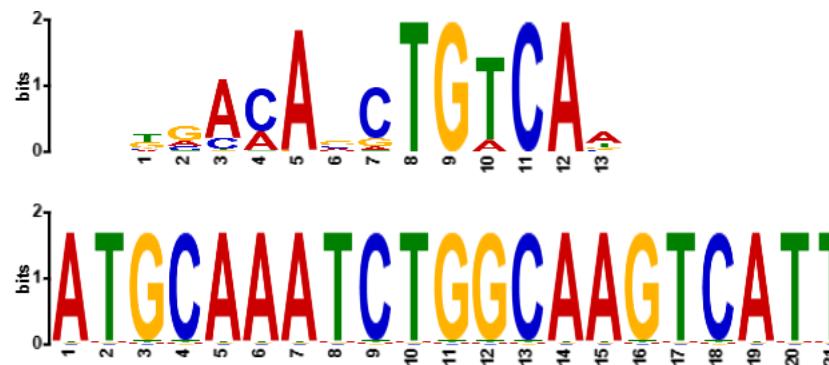
q-value 1.00e+00

Overlap 13

Offset -2

Orientation Reverse Complement

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MATCHES TO CAGAACGCGC (MEME-7)

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Summary

Name [OSR2_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 9.69e-05

E-value 3.88e-02

q-value 7.77e-02

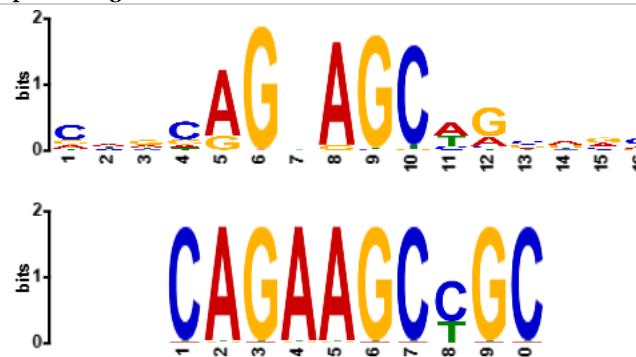
Overlap 10

Offset 3

Orientation Reverse Complement

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Optimal Alignment



Summary

Name [BHA15_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 3.29e-03

E-value 1.32e+00

q-value 9.17e-01

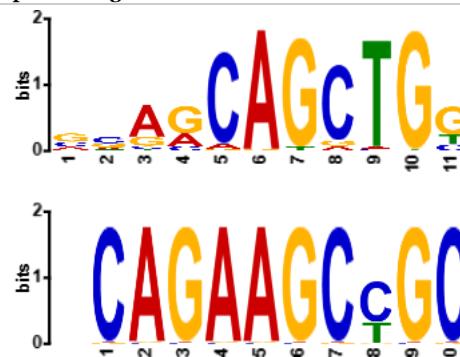
Overlap 10

Offset 1

Orientation Normal

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Optimal Alignment



Summary

Optimal Alignment

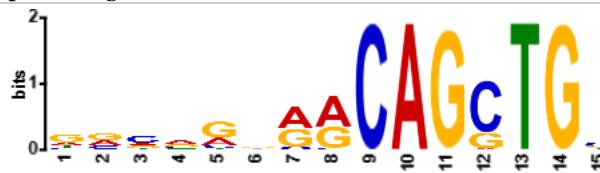
Name	MYOG_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.58e-03
<i>E</i> -value	2.64e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	0
Orientation	Normal
Show logo download options	



Summary

Name	MYOD1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.25e-02
<i>E</i> -value	5.00e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	5
Orientation	Reverse Complement
Show logo download options	

Optimal Alignment



Summary

Name	TFE2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.78e-02
<i>E</i> -value	7.14e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	0
Orientation	Reverse Complement
Show logo download options	

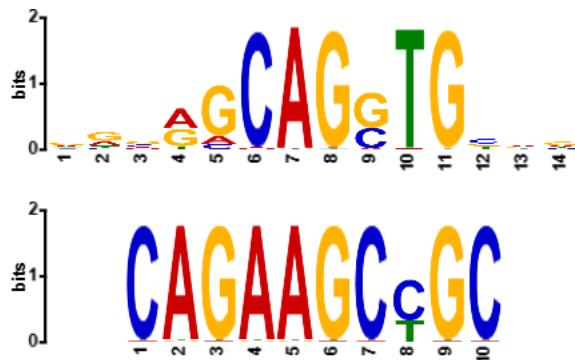
Optimal Alignment



Summary

Optimal Alignment

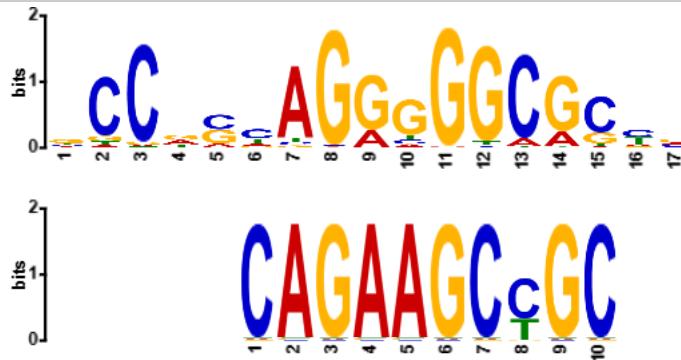
Name	ASCL1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.02e-02
<i>E</i> -value	8.11e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	2
Orientation	Reverse Complement
	Show logo download options



Summary

Name	CTCFL_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.05e-02
<i>E</i> -value	8.21e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	5
Orientation	Normal
	Show logo download options

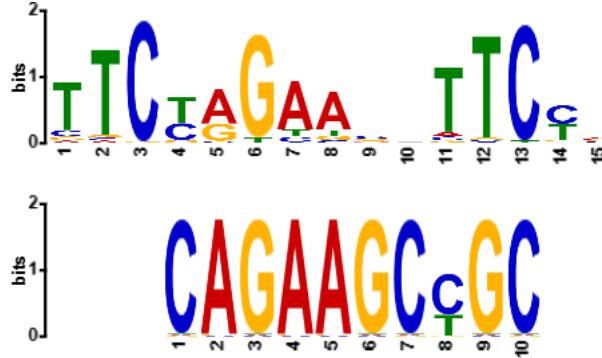
Optimal Alignment



Summary

Name	HSF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.09e-02
<i>E</i> -value	8.39e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	3
Orientation	Reverse Complement
	Show logo download options

Optimal Alignment



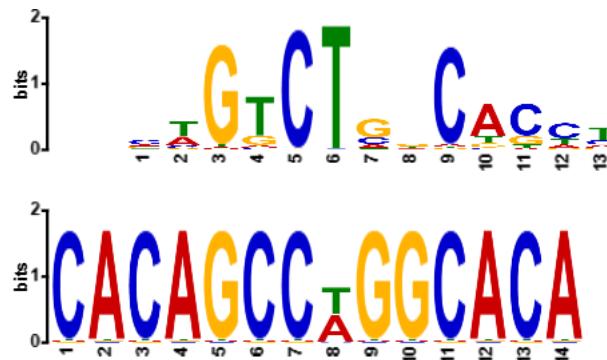
MATCHES TO CACAGCCWGGCACA (MEME-8)

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Summary

Optimal Alignment

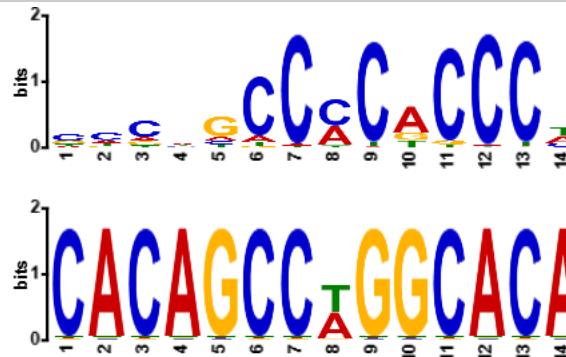
Name	SMAD4_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.35e-03
E-value	9.40e-01
q-value	1.00e+00
Overlap	12
Offset	-2
Orientation	Normal
	Show logo download options



Summary

Name	KLF5_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	3.89e-03
E-value	1.56e+00
q-value	1.00e+00
Overlap	14
Offset	0
Orientation	Reverse Complement
	Show logo download options

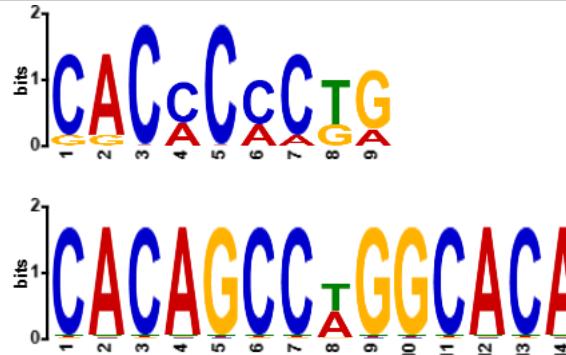
Optimal Alignment



Summary

Name	KLF8_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	6.52e-03
E-value	2.61e+00
q-value	1.00e+00
Overlap	9
Offset	0
Orientation	Reverse Complement
	Show logo download options

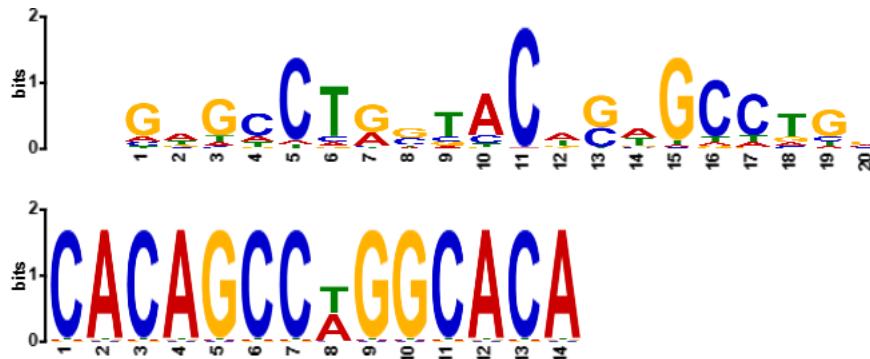
Optimal Alignment



Summary

Optimal Alignment

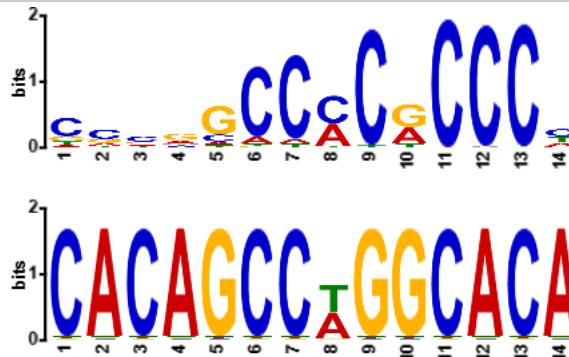
Name	ZN322_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.65e-03
<i>E</i> -value	2.67e+00
<i>q</i> -value	1.00e+00
Overlap	12
Offset	-2
Orientation	Normal
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Summary

Name	KLF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.83e-03
<i>E</i> -value	3.14e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	0
Orientation	Reverse Complement
Show logo download options	

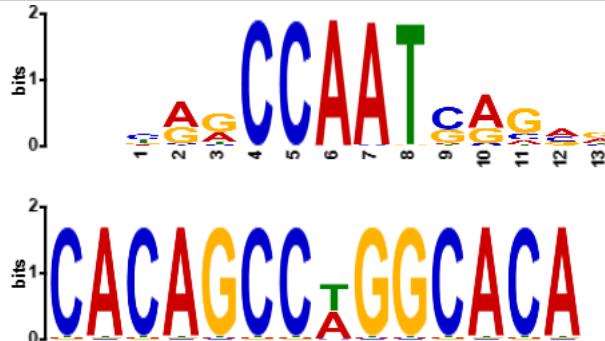
Optimal Alignment



Summary

Name	NFYB_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.25e-03
<i>E</i> -value	3.71e+00
<i>q</i> -value	1.00e+00
Overlap	12
Offset	-2
Orientation	Normal
Show logo download options	

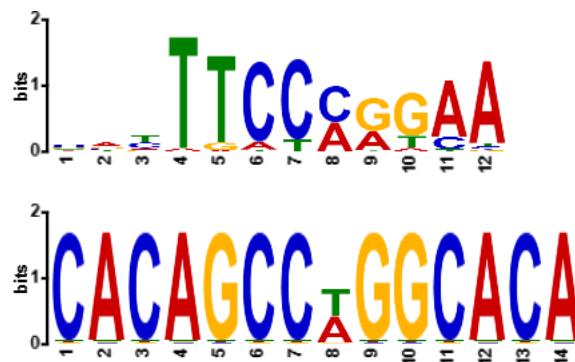
Optimal Alignment



Summary

Optimal Alignment

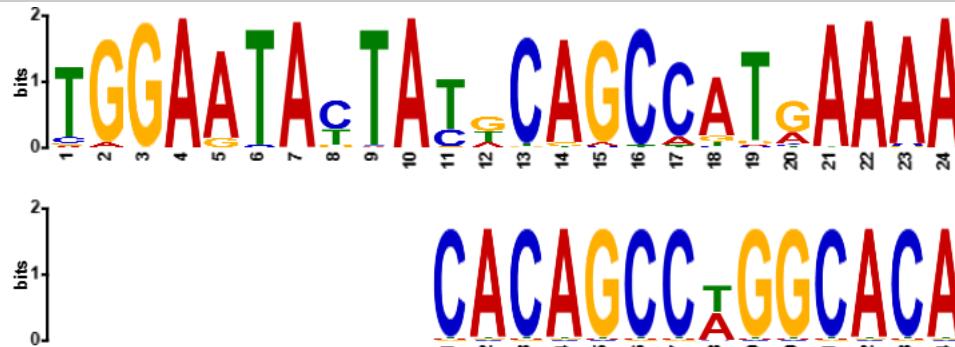
Name	STAT3_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.23e-02
<i>E</i> -value	4.94e+00
<i>q</i> -value	1.00e+00
Overlap	12
Offset	0
Orientation	Normal
Show logo download options	



Summary

Name	OZF_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.66e-02
<i>E</i> -value	6.64e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	10
Orientation	Reverse Complement
Show logo download options	

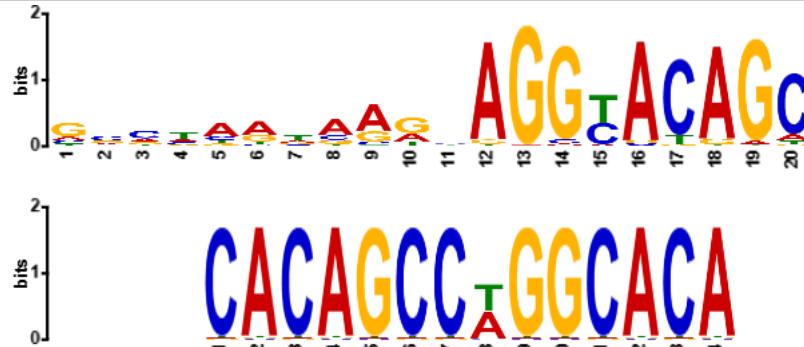
Optimal Alignment



Summary

Name	ZN708_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.75e-02
<i>E</i> -value	7.00e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	4
Orientation	Normal
Show logo download options	

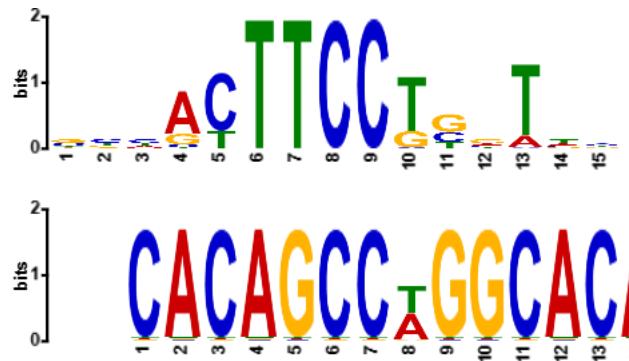
Optimal Alignment



Summary

Optimal Alignment

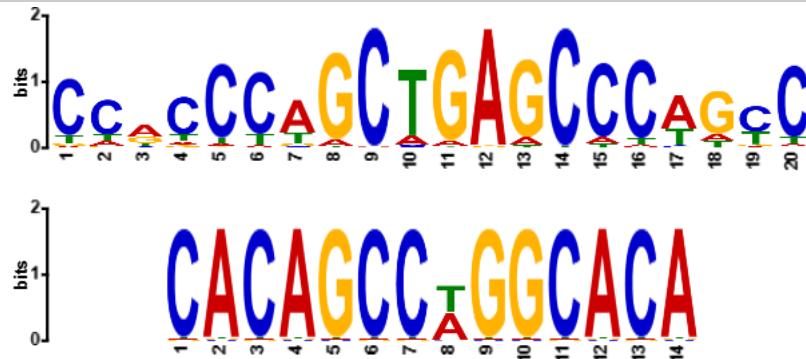
Name	EHF_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.76e-02
<i>E</i> -value	7.06e+00
<i>q</i> -value	1.00e+00
Overlap	13
Offset	2
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN331_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.07e-02
<i>E</i> -value	8.29e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	3
Orientation	Reverse Complement
	Show logo download options

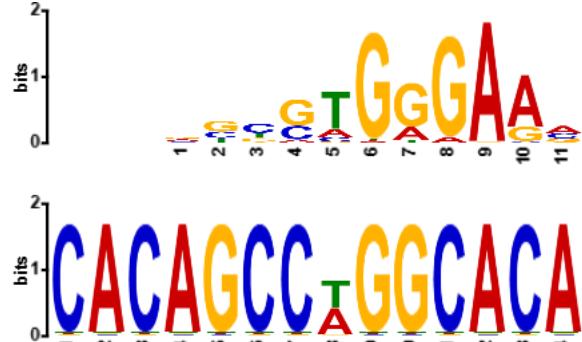
Optimal Alignment



Summary

Name	SUH_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.10e-02
<i>E</i> -value	8.43e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	-3
Orientation	Normal
	Show logo download options

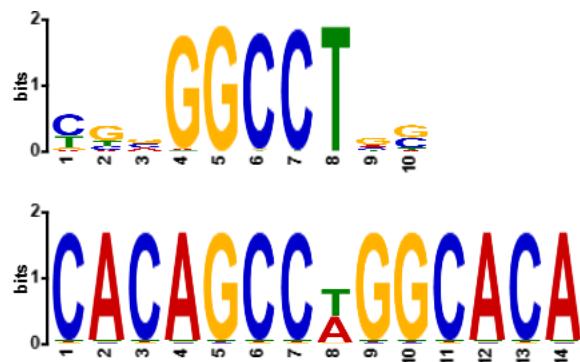
Optimal Alignment



Summary

Optimal Alignment

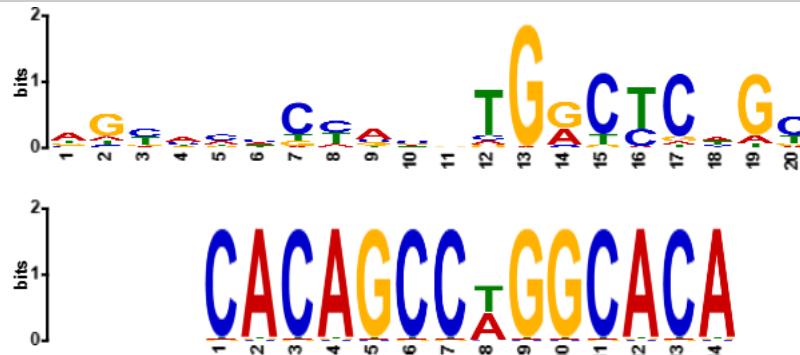
Name	ZFX_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.20e-02
<i>E</i> -value	8.82e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	0
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN554_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.21e-02
<i>E</i> -value	8.87e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	4
Orientation	Reverse Complement
	Show logo download options

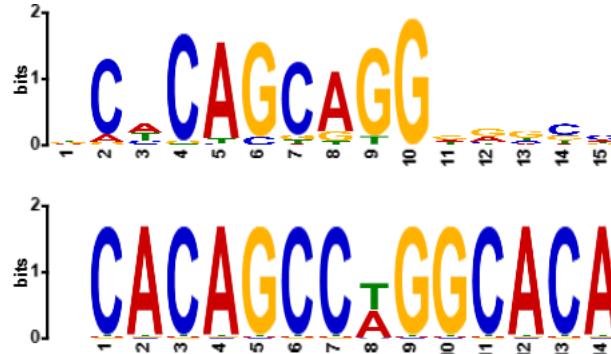
Optimal Alignment



Summary

Name	ZIC3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.22e-02
<i>E</i> -value	8.92e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	1
Orientation	Reverse Complement
	Show logo download options

Optimal Alignment



Summary

Optimal Alignment

Name [ZN680_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.36e-02

E-value 9.48e+00

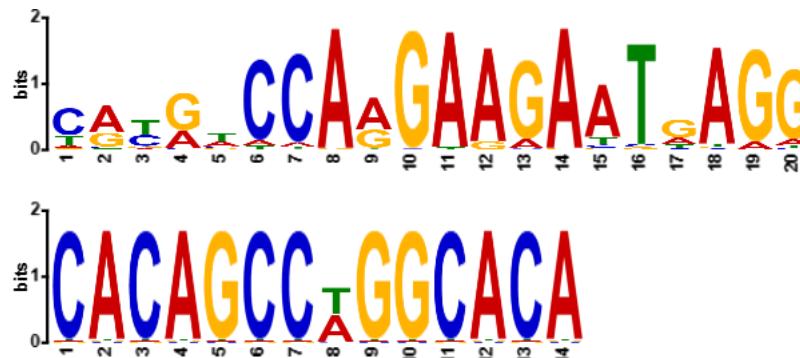
q-value 1.00e+00

Overlap 14

Offset 0

Orientation Normal

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MATCHES TO ACTTCHGYTGBSVTCHCYCT (MEME-9)

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Summary

Name [TFE2_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.96e-03

E-value 7.85e-01

q-value 6.00e-01

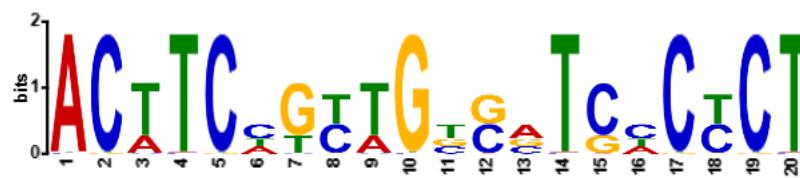
Overlap 11

Offset -1

Orientation Reverse Complement

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Summary

Name [GABPA_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.06e-03

E-value 8.28e-01

q-value 6.00e-01

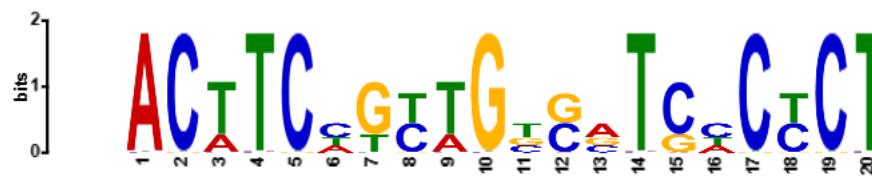
Overlap 12

Offset 2

Orientation Reverse Complement

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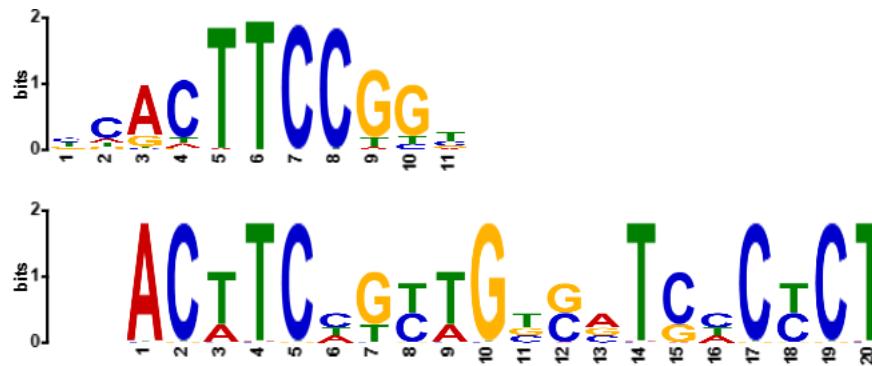
Optimal Alignment



Summary

Optimal Alignment

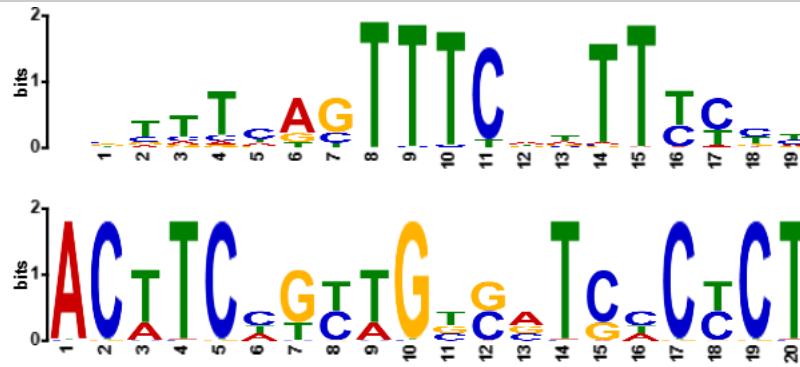
Name	ELK1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.63e-03
<i>E</i> -value	1.06e+00
<i>q</i> -value	6.00e-01
Overlap	9
Offset	2
Orientation	Reverse Complement
	Show logo download options



Summary

Name	STAT2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.23e-03
<i>E</i> -value	2.10e+00
<i>q</i> -value	6.00e-01
Overlap	19
Offset	-1
Orientation	Reverse Complement
	Show logo download options

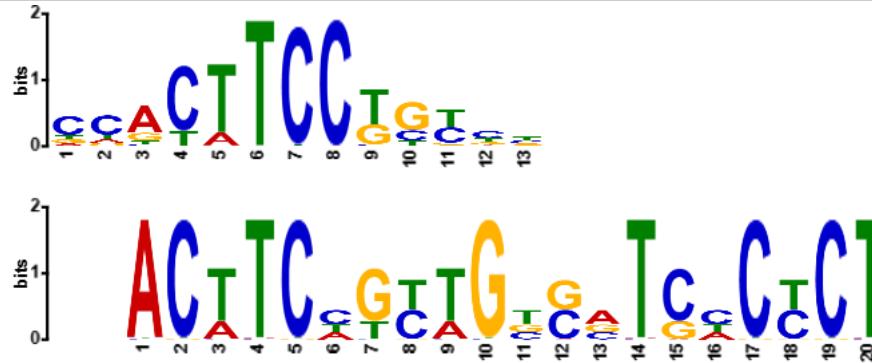
Optimal Alignment



Summary

Name	ETS1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.75e-03
<i>E</i> -value	2.31e+00
<i>q</i> -value	6.00e-01
Overlap	11
Offset	2
Orientation	Reverse Complement
	Show logo download options

Optimal Alignment



Summary

Optimal Alignment

Name	ETV1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.75e-03
<i>E</i> -value	2.31e+00
<i>q</i> -value	6.00e-01
Overlap	10
Offset	1
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN382_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.86e-03
<i>E</i> -value	2.35e+00
<i>q</i> -value	6.00e-01
Overlap	19
Offset	3
Orientation	Normal
	Show logo download options

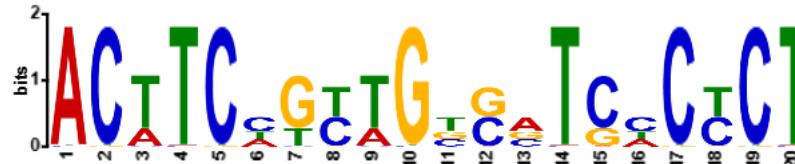
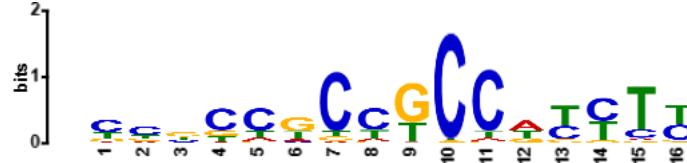
Optimal Alignment



Summary

Name	TAF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.66e-03
<i>E</i> -value	3.47e+00
<i>q</i> -value	6.00e-01
Overlap	16
Offset	-1
Orientation	Reverse Complement
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Optimal Alignment



Summary

Optimal Alignment

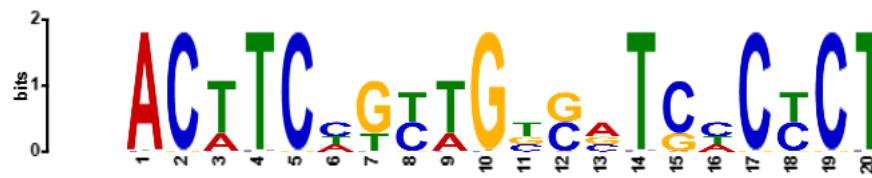
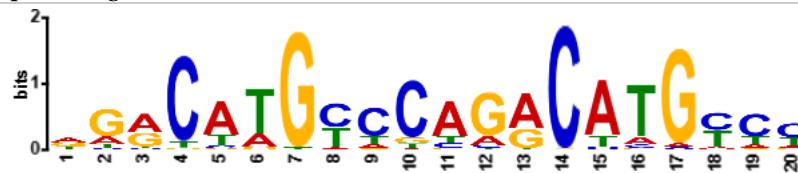
Name	ELK4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.02e-03
<i>E</i> -value	3.62e+00
<i>q</i> -value	6.00e-01
Overlap	10
Offset	2
Orientation	Reverse Complement
	Show logo download options



Summary

Name	P53_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.07e-03
<i>E</i> -value	3.64e+00
<i>q</i> -value	6.00e-01
Overlap	18
Offset	2
Orientation	Normal
	Show logo download options

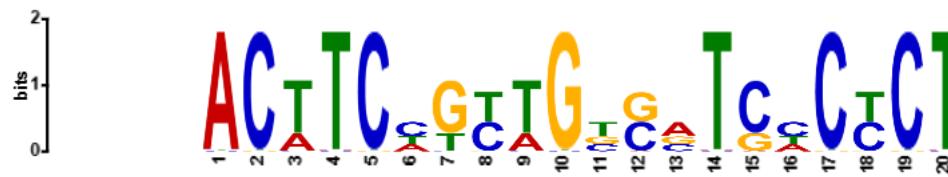
Optimal Alignment



Summary

Name	ZN317_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.04e-02
<i>E</i> -value	4.17e+00
<i>q</i> -value	6.00e-01
Overlap	16
Offset	4
Orientation	Reverse Complement
	Show logo download options

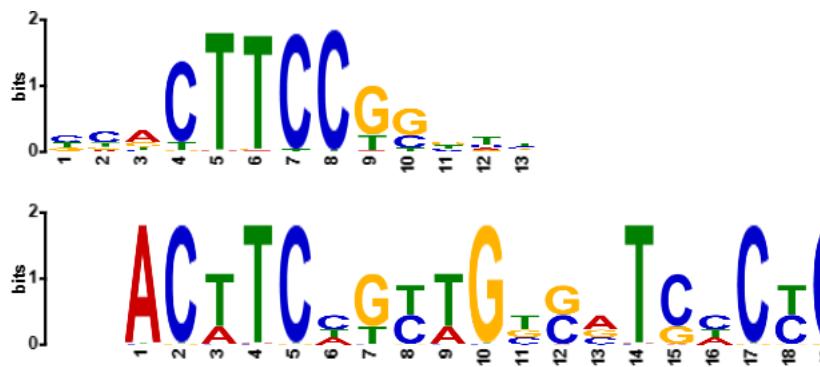
Optimal Alignment



Summary

Optimal Alignment

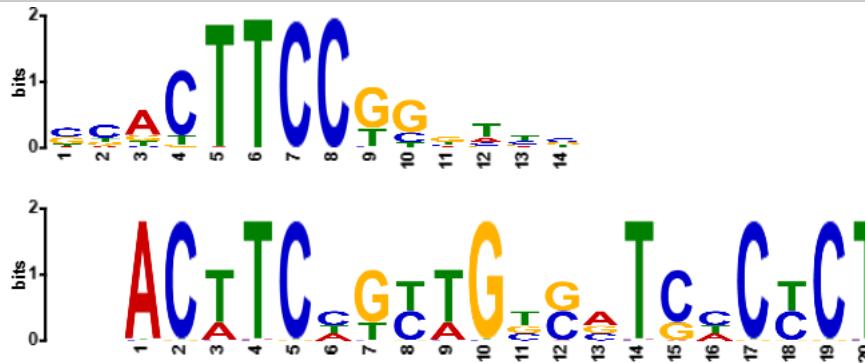
Name	ELF2_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.06e-02
<i>E</i> -value	4.26e+00
<i>q</i> -value	6.00e-01
Overlap	11
Offset	2
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ELF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.19e-02
<i>E</i> -value	4.76e+00
<i>q</i> -value	6.00e-01
Overlap	12
Offset	2
Orientation	Reverse Complement
	Show logo download options

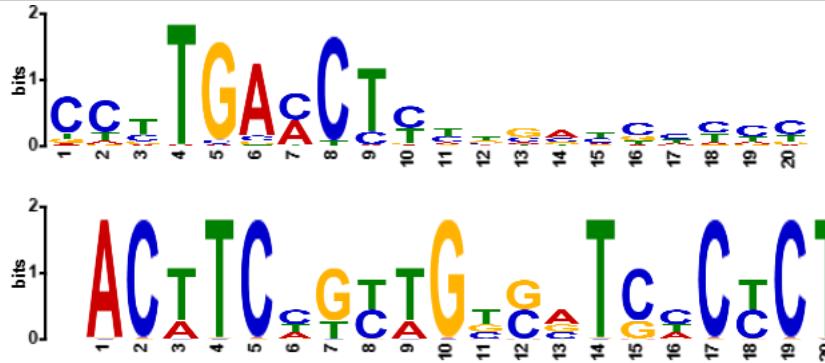
Optimal Alignment



Summary

Name	RARA_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.36e-02
<i>E</i> -value	5.44e+00
<i>q</i> -value	6.00e-01
Overlap	19
Offset	1
Orientation	Reverse Complement
	Show logo download options

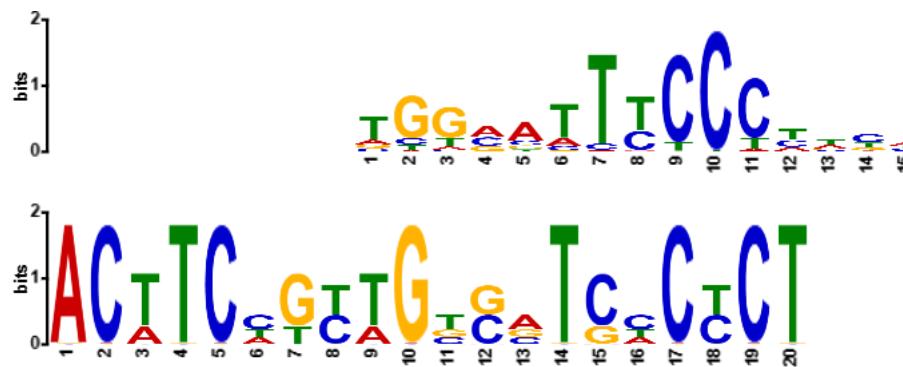
Optimal Alignment



Summary

Optimal Alignment

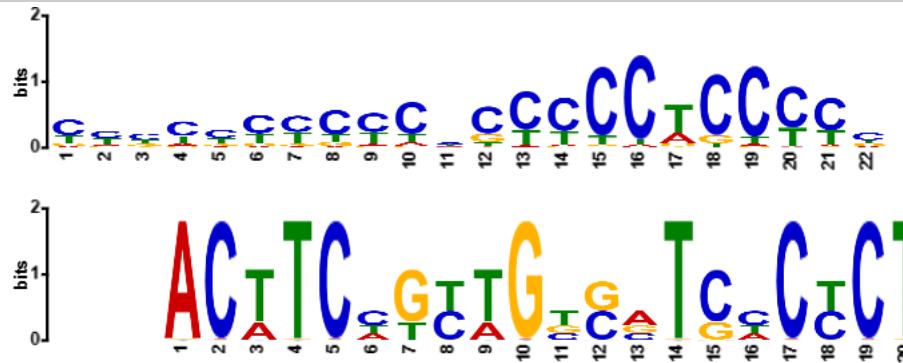
Name	REL_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.50e-02
<i>E</i> -value	6.02e+00
<i>q</i> -value	6.00e-01
Overlap	12
Offset	-8
Orientation	Reverse Complement
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Summary

Name	MAZ_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.57e-02
<i>E</i> -value	6.31e+00
<i>q</i> -value	6.00e-01
Overlap	19
Offset	3
Orientation	Reverse Complement
	Show logo download options

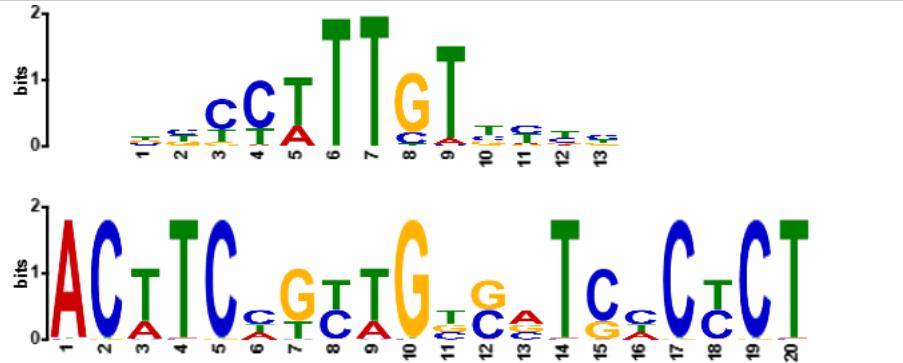
Optimal Alignment



Summary

Name	SOX2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.60e-02
<i>E</i> -value	6.42e+00
<i>q</i> -value	6.00e-01
Overlap	13
Offset	-2
Orientation	Normal
	Show logo download options

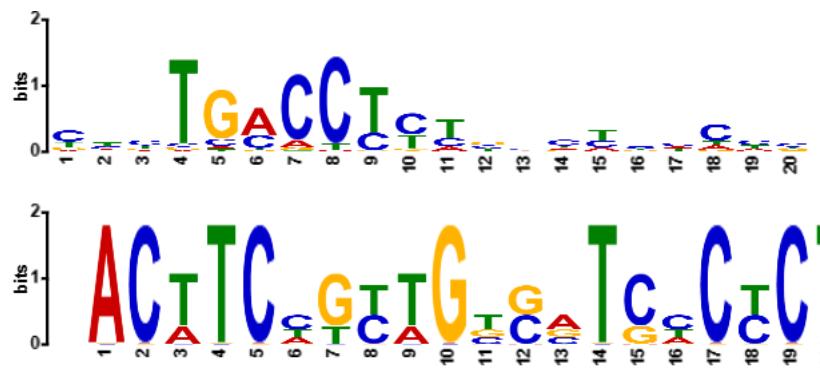
Optimal Alignment



Summary

Optimal Alignment

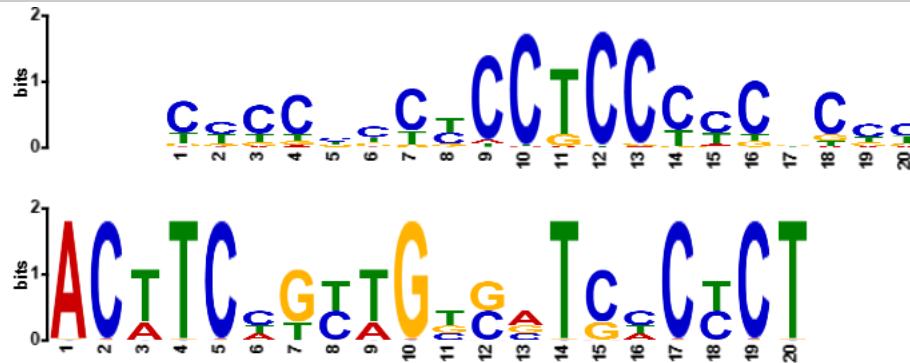
Name	RXRA_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.69e-02
<i>E</i> -value	6.78e+00
<i>q</i> -value	6.00e-01
Overlap	19
Offset	1
Orientation	Reverse Complement
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Summary

Name	WT1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.69e-02
<i>E</i> -value	6.78e+00
<i>q</i> -value	6.00e-01
Overlap	17
Offset	-3
Orientation	Reverse Complement
	Show logo download options

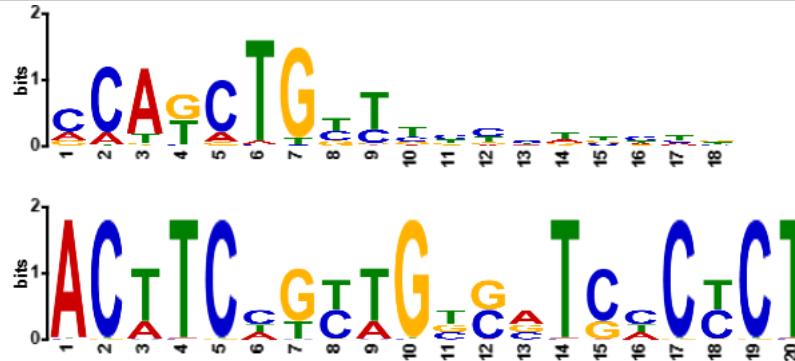
Optimal Alignment



Summary

Name	OLIG2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.82e-02
<i>E</i> -value	7.31e+00
<i>q</i> -value	6.00e-01
Overlap	18
Offset	0
Orientation	Normal
	Show logo download options

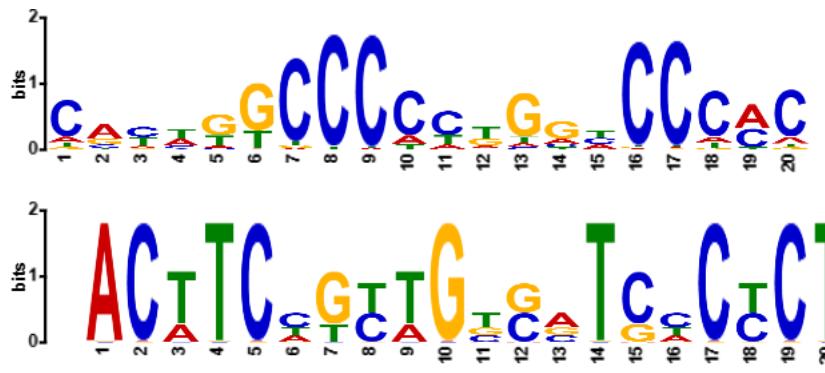
Optimal Alignment



Summary

Optimal Alignment

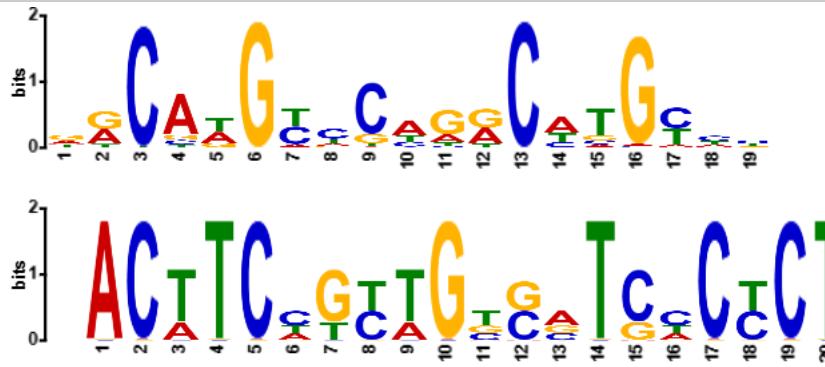
Name	ZN320_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.92e-02
<i>E</i> -value	7.71e+00
<i>q</i> -value	6.00e-01
Overlap	19
Offset	1
Orientation	Reverse Complement
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Summary

Name	P63_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.09e-02
<i>E</i> -value	8.40e+00
<i>q</i> -value	6.00e-01
Overlap	18
Offset	1
Orientation	Normal
	Show logo download options

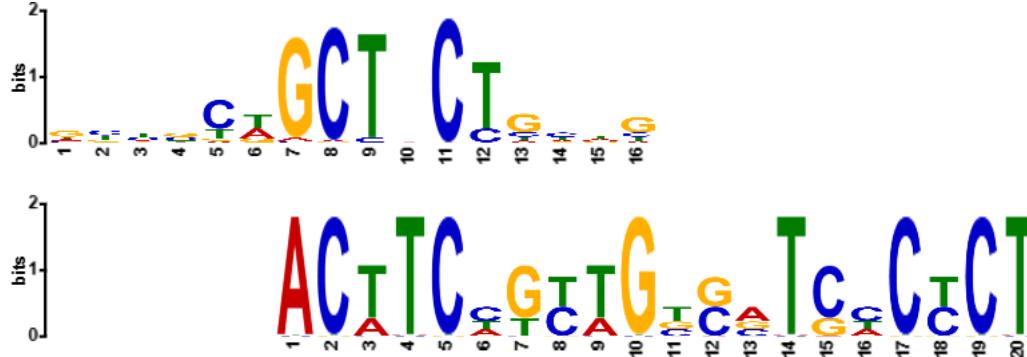
Optimal Alignment



Summary

Name	OSR2_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.27e-02
<i>E</i> -value	9.11e+00
<i>q</i> -value	6.00e-01
Overlap	10
Offset	6
Orientation	Normal
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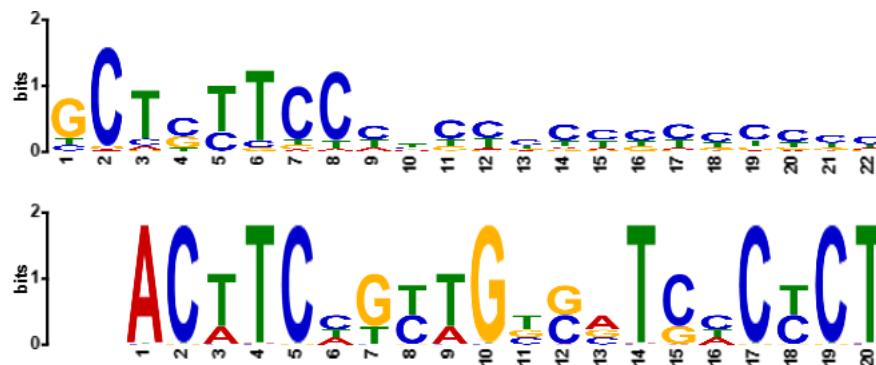
Optimal Alignment



Summary

Optimal Alignment

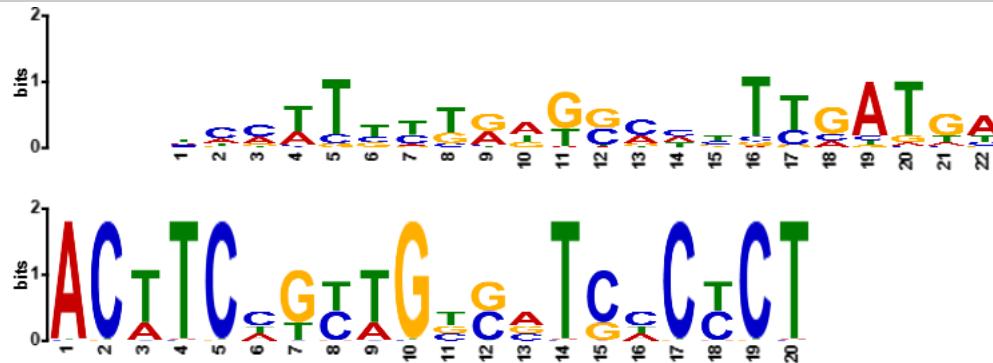
Name	ZN341_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.31e-02
<i>E</i> -value	9.25e+00
<i>q</i> -value	6.00e-01
Overlap	20
Offset	2
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN214_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.31e-02
<i>E</i> -value	9.25e+00
<i>q</i> -value	6.00e-01
Overlap	17
Offset	-3
Orientation	Normal
	Show logo download options

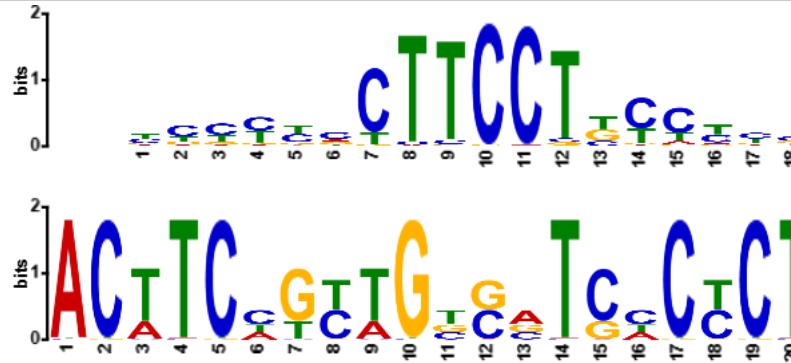
Optimal Alignment



Summary

Name	FLI1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.39e-02
<i>E</i> -value	9.59e+00
<i>q</i> -value	6.00e-01
Overlap	18
Offset	-2
Orientation	Reverse Complement
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Optimal Alignment



Summary

Optimal Alignment

Name [KLF15_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.49e-02

E-value 9.99e+00

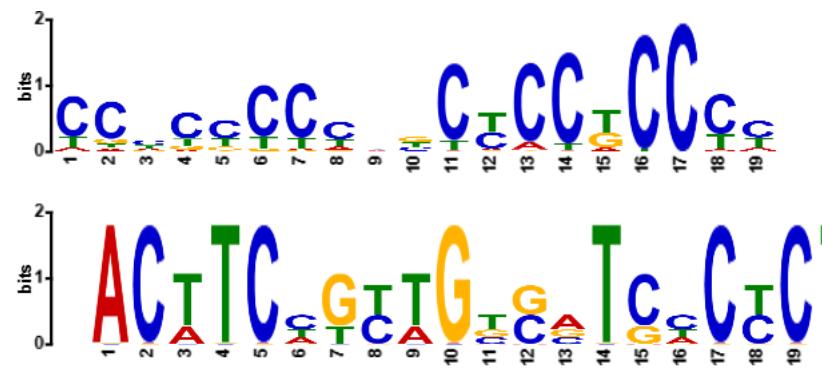
q-value 6.00e-01

Overlap 18

Offset 1

Orientation Reverse Complement

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MATCHES TO GGGCAG (MEME-10)

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Summary

Name [ZN549_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 3.53e-04

E-value 1.41e-01

q-value 2.75e-01

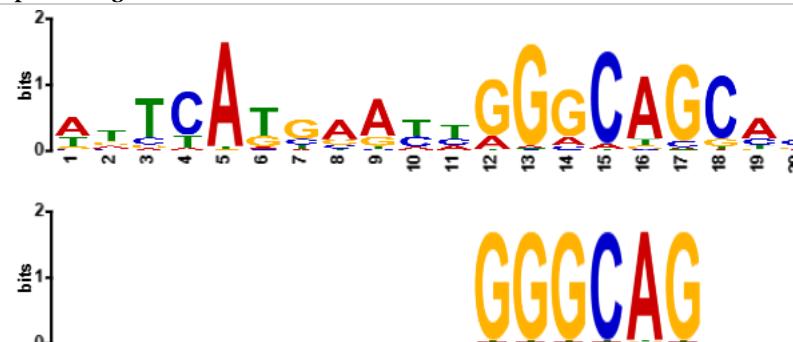
Overlap 6

Offset 11

Orientation Normal

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Optimal Alignment



Summary

Name [ZSC31_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.16e-03

E-value 4.67e-01

q-value 4.54e-01

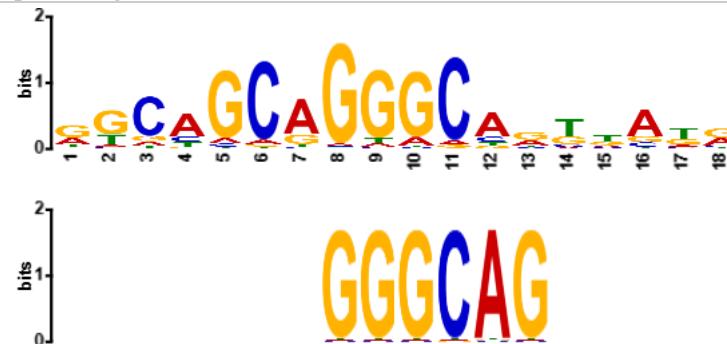
Overlap 6

Offset 7

Orientation Normal

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Optimal Alignment



Summary

Optimal Alignment

Name PAX5_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 4.11e-03

E-value 1.65e+00

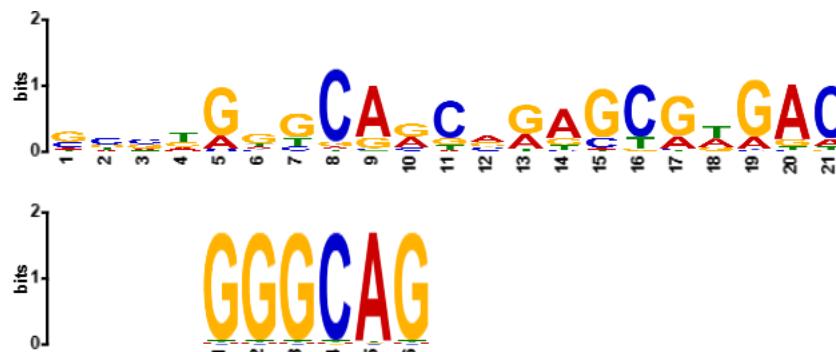
q-value 5.56e-01

Overlap 6

Offset 4

Orientation Normal

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Summary

Name FEZF1_HUMAN.H11MO.0.C

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 4.76e-03

E-value 1.91e+00

q-value 5.56e-01

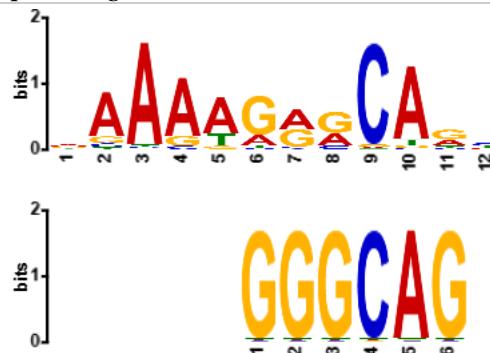
Overlap 6

Offset 5

Orientation Reverse Complement

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Optimal Alignment



Summary

Name NR4A1_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 5.01e-03

E-value 2.01e+00

q-value 5.56e-01

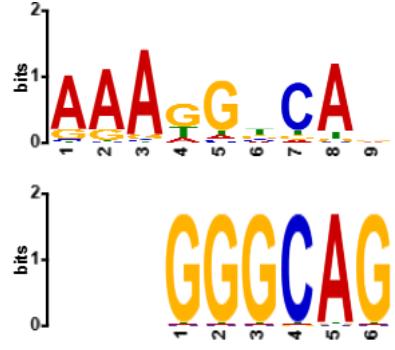
Overlap 6

Offset 3

Orientation Normal

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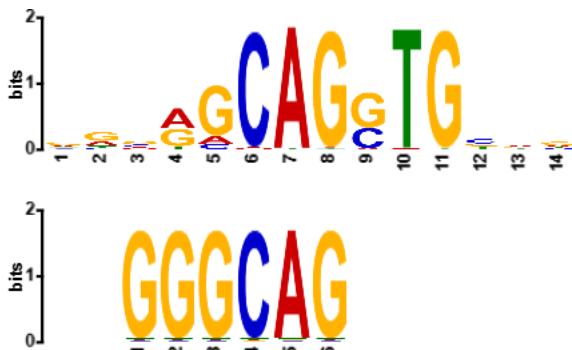
Optimal Alignment



Summary

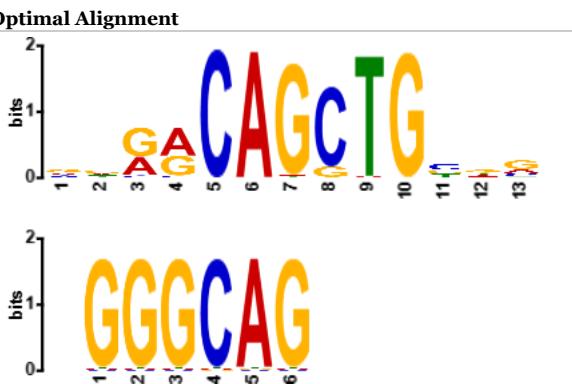
Optimal Alignment

Name	ASCL1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.34e-03
<i>E</i> -value	2.14e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	2
Orientation	Reverse Complement
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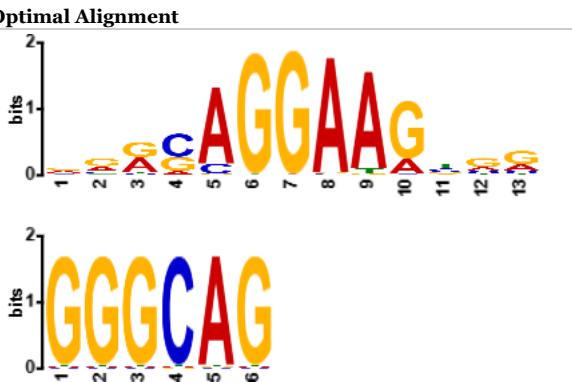
Summary

Name	MYOG_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.69e-03
<i>E</i> -value	2.28e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	1
Orientation	Reverse Complement
Show logo download options	



Summary

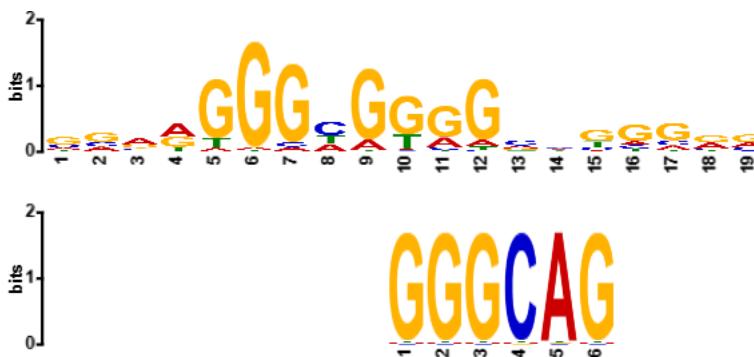
Name	ERG_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.76e-03
<i>E</i> -value	3.51e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	0
Orientation	Normal
Show logo download options	



Summary

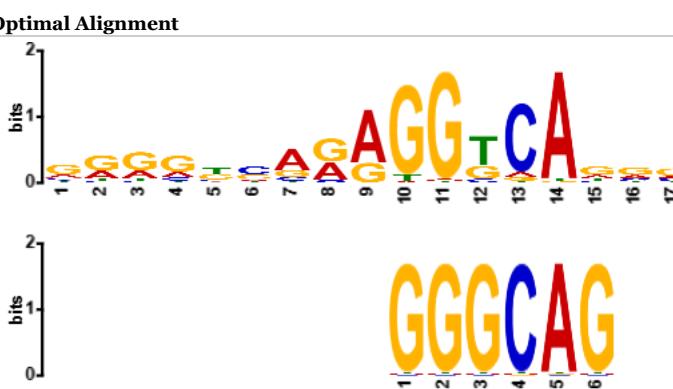
Optimal Alignment

Name	KLF6_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.93e-03
<i>E</i> -value	3.98e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	9
Orientation	Normal
Show logo download options	



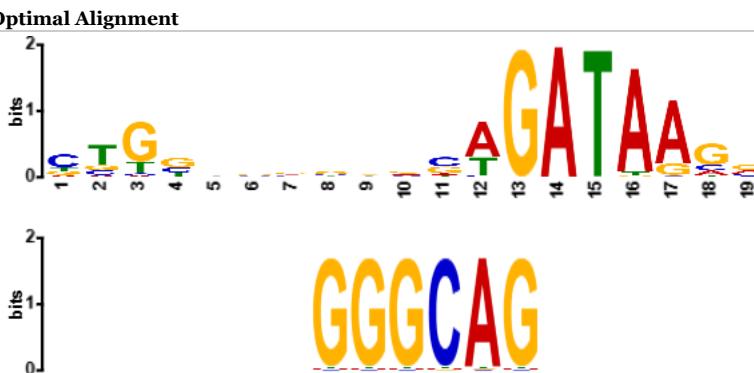
Summary

Name	COT1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.01e-02
<i>E</i> -value	4.05e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	9
Orientation	Normal
Show logo download options	



Summary

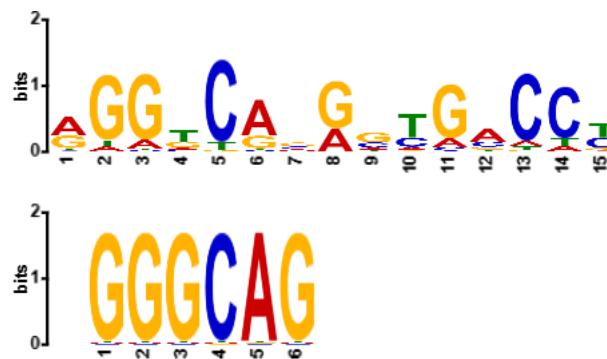
Name	TAL1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.08e-02
<i>E</i> -value	4.34e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	7
Orientation	Normal
Show logo download options	



Summary

Optimal Alignment

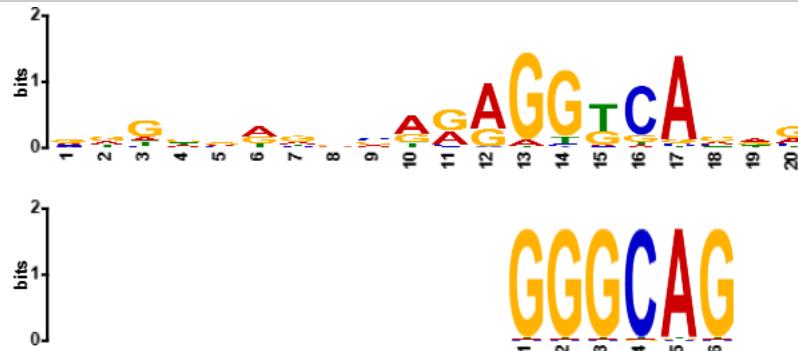
Name	ESR2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.09e-02
<i>E</i> -value	4.39e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	1
Orientation	Reverse Complement
	Show logo download options



Summary

Name	RXRA_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.32e-02
<i>E</i> -value	5.28e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	12
Orientation	Normal
	Show logo download options

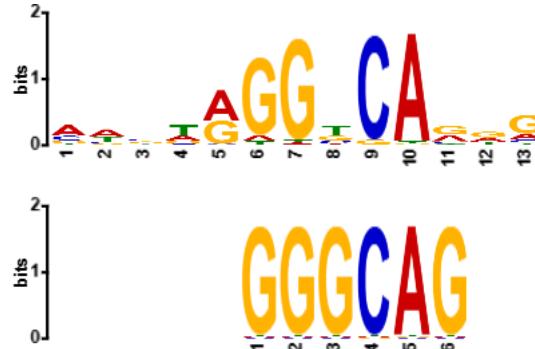
Optimal Alignment



Summary

Name	RORA_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.33e-02
<i>E</i> -value	5.35e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	5
Orientation	Normal
	Show logo download options

Optimal Alignment



Summary

Optimal Alignment

Name GATA1_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.34e-02

E-value 5.38e+00

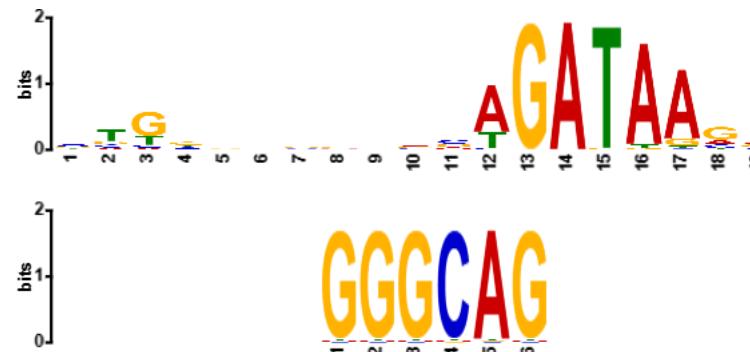
q-value 5.56e-01

Overlap 6

Offset 7

Orientation Normal

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Summary

Name ETS1_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.41e-02

E-value 5.66e+00

q-value 5.56e-01

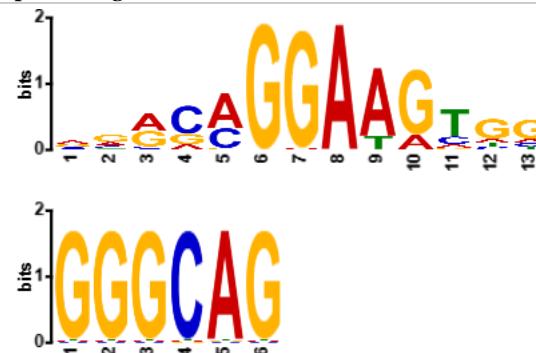
Overlap 6

Offset 0

Orientation Normal

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Optimal Alignment



Summary

Name KLF12_HUMAN.H11MO.0.C

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.41e-02

E-value 5.67e+00

q-value 5.56e-01

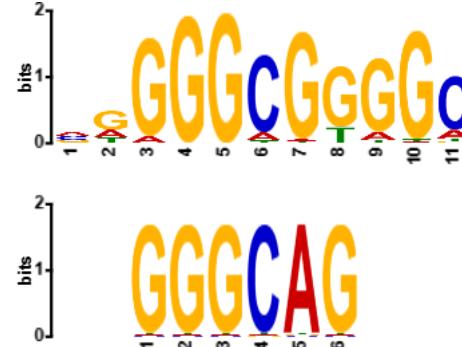
Overlap 6

Offset 2

Orientation Normal

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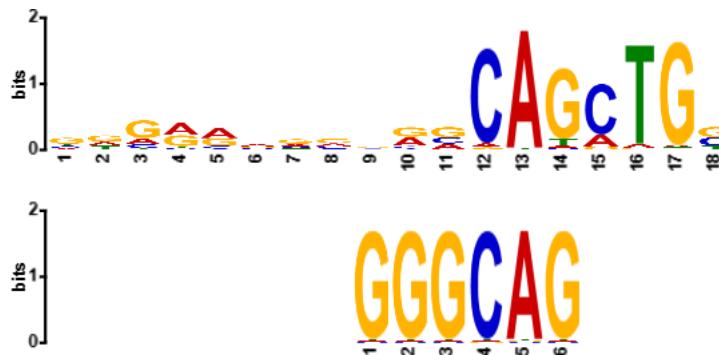
Optimal Alignment



Summary

Optimal Alignment

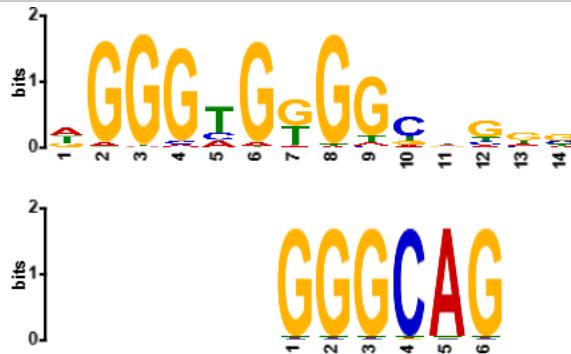
Name	PTF1A_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.42e-02
<i>E</i> -value	5.69e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	8
Orientation	Reverse Complement
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Summary

Name	KLF5_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.50e-02
<i>E</i> -value	6.02e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	6
Orientation	Normal
	Show logo download options

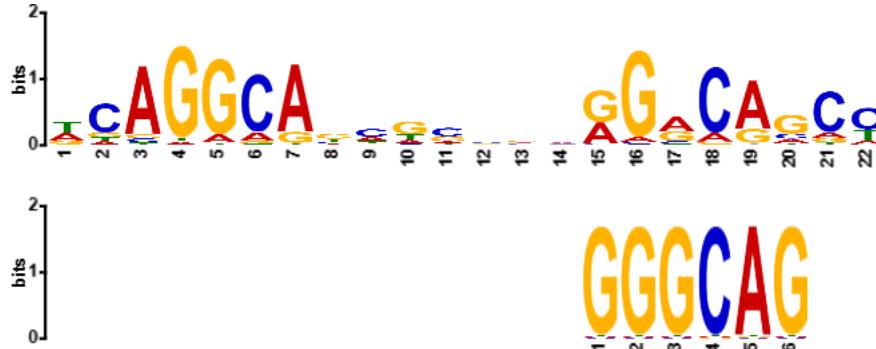
Optimal Alignment



Summary

Name	ZN335_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.56e-02
<i>E</i> -value	6.25e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	14
Orientation	Reverse Complement
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Optimal Alignment



Summary

Optimal Alignment

Name PPARG_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.56e-02

E-value 6.27e+00

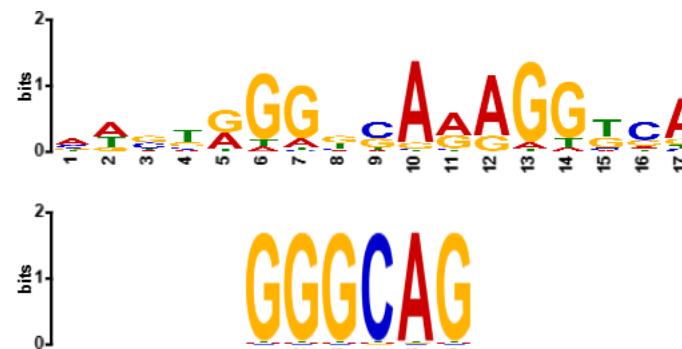
q-value 5.56e-01

Overlap 6

Offset 5

Orientation Normal

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Summary

Name ESR1_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.76e-02

E-value 7.07e+00

q-value 5.56e-01

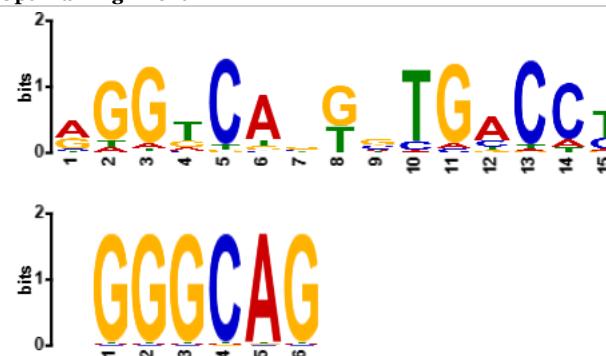
Overlap 6

Offset 1

Orientation Reverse Complement

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Summary

Name FLI1_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.86e-02

E-value 7.45e+00

q-value 5.56e-01

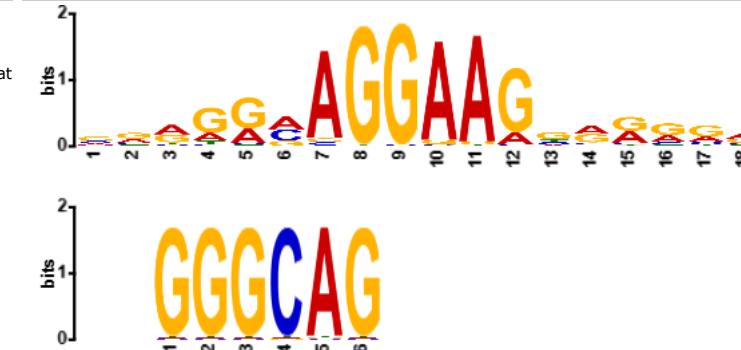
Overlap 6

Offset 2

Orientation Normal

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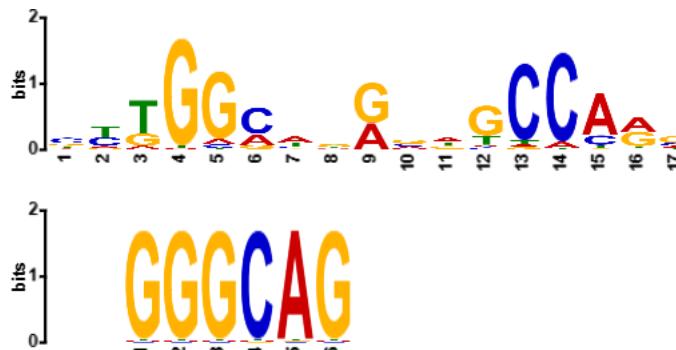
Optimal Alignment



Summary

Optimal Alignment

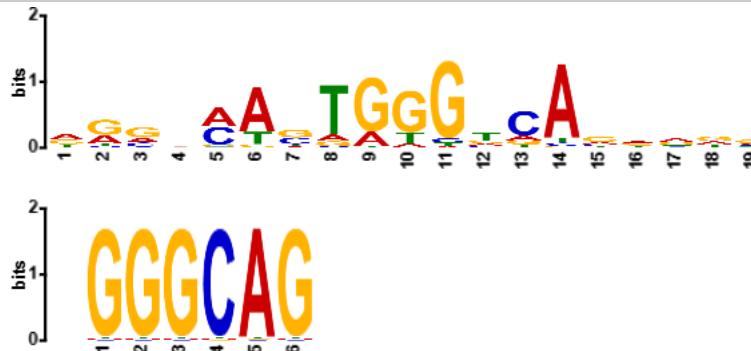
Name	NFC_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.89e-02
E-value	7.59e+00
q-value	5.56e-01
Overlap	6
Offset	2
Orientation	Reverse Complement
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Summary

Name	NR1D1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.91e-02
E-value	7.65e+00
q-value	5.56e-01
Overlap	6
Offset	1
Orientation	Normal
	Show logo download options

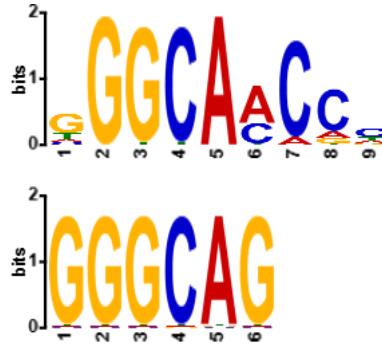
Optimal Alignment



Summary

Name	HIC1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.02e-02
E-value	8.10e+00
q-value	5.56e-01
Overlap	6
Offset	0
Orientation	Reverse Complement
	Show logo download options

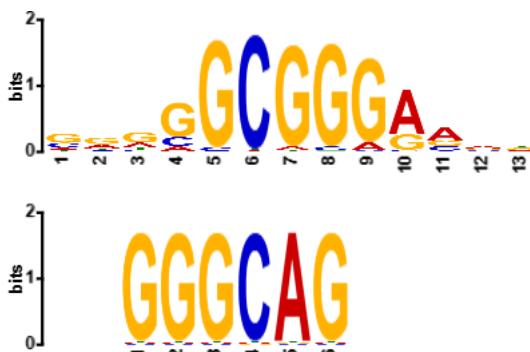
Optimal Alignment



Summary

Optimal Alignment

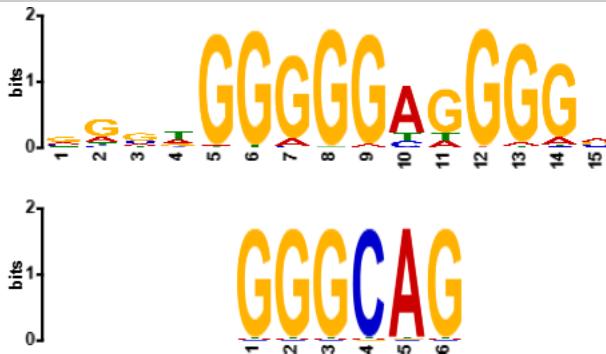
Name	E2F4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.05e-02
<i>E</i> -value	8.24e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	2
Orientation	Normal
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Summary

Name	ZN281_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.10e-02
<i>E</i> -value	8.41e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	5
Orientation	Normal
Show logo download options	

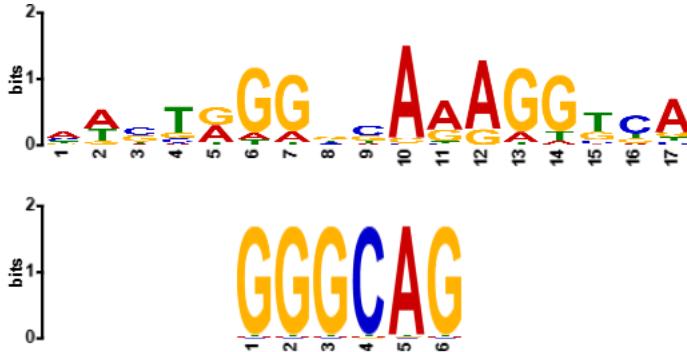
Optimal Alignment



Summary

Name	PPARA_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.11e-02
<i>E</i> -value	8.46e+00
<i>q</i> -value	5.56e-01
Overlap	6
Offset	5
Orientation	Normal
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Optimal Alignment



Summary

Optimal Alignment

Name RFX5_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.14e-02

E-value 8.58e+00

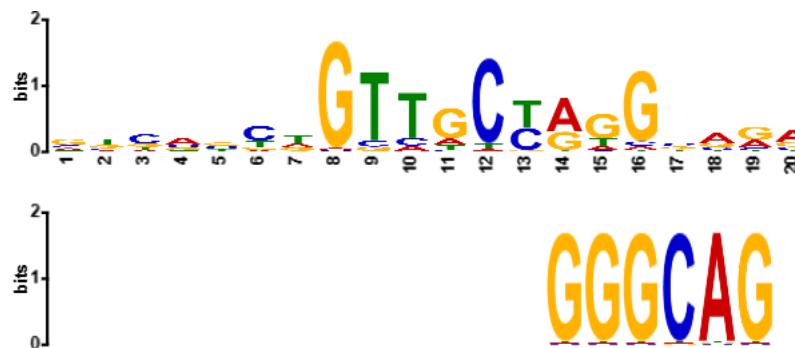
q-value 5.56e-01

Overlap 6

Offset 13

Orientation Normal

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Summary

Name E2F3_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.38e-02

E-value 9.56e+00

q-value 5.80e-01

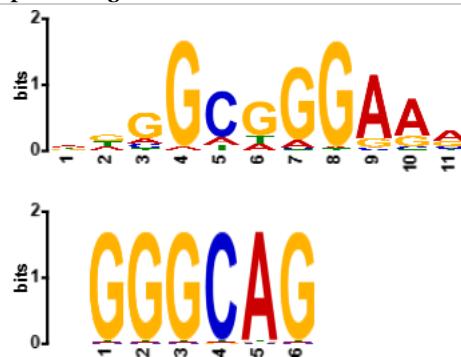
Overlap 6

Offset 1

Orientation Normal

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Summary

Name E2F6_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.46e-02

E-value 9.85e+00

q-value 5.80e-01

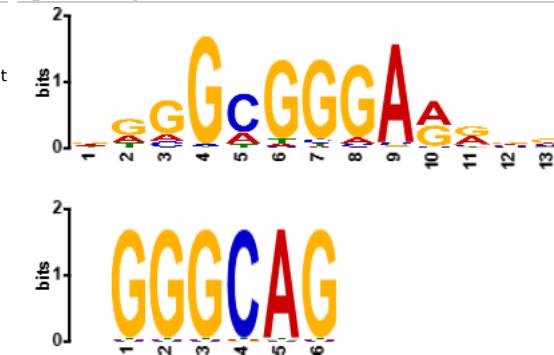
Overlap 6

Offset 1

Orientation Normal

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Optimal Alignment



Summary

Optimal Alignment

Name [ZN121_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.49e-02

E-value 9.98e+00

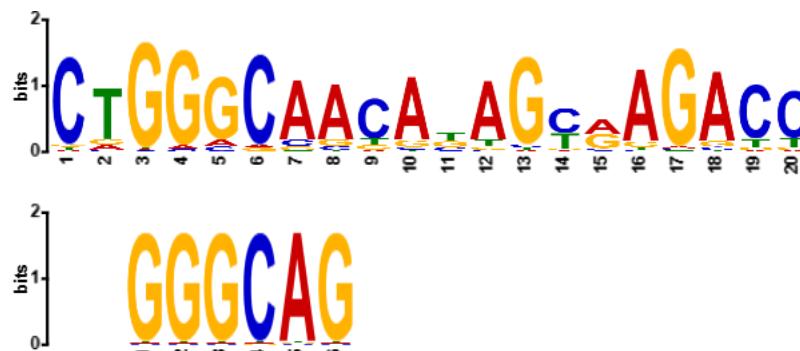
q-value 5.80e-01

Overlap 6

Offset 2

Orientation Normal

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MATCHES TO GGGGAG (MEME-11)

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Summary

Name [ZN281_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.14e-04

E-value 4.59e-02

q-value 9.08e-02

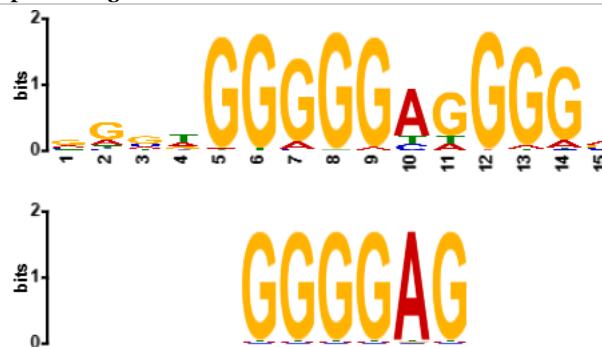
Overlap 6

Offset 5

Orientation Normal

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Summary

Name [ZN467_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.27e-03

E-value 5.10e-01

q-value 2.64e-01

Overlap 6

Offset 0

Orientation Normal

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Optimal Alignment



Summary

Optimal Alignment

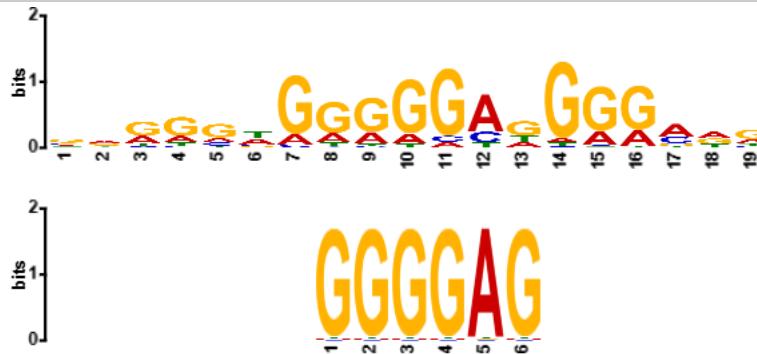
Name	WT1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.34e-03
<i>E</i> -value	5.39e-01
<i>q</i> -value	2.64e-01
Overlap	6
Offset	5
Orientation	Normal
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Summary

Name	ZBT17_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.47e-03
<i>E</i> -value	5.90e-01
<i>q</i> -value	2.64e-01
Overlap	6
Offset	7
Orientation	Normal
Show logo download options	

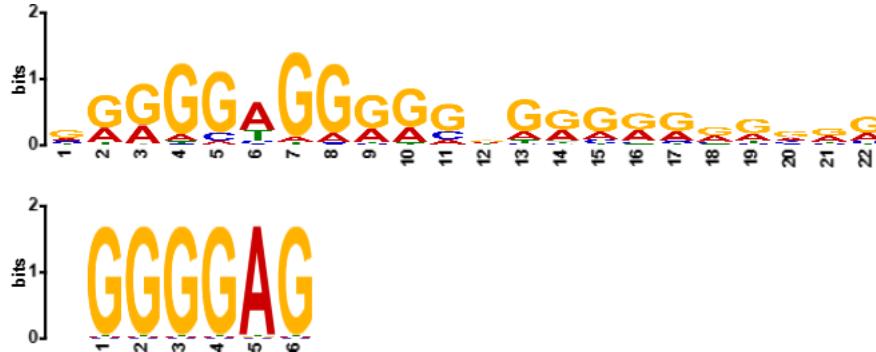
Optimal Alignment



Summary

Name	MAZ_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.33e-03
<i>E</i> -value	9.33e-01
<i>q</i> -value	2.64e-01
Overlap	6
Offset	1
Orientation	Normal
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Optimal Alignment



Summary

Optimal Alignment

Name [PATZ1_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.33e-03

E-value 9.33e-01

q-value 2.64e-01

Overlap 6

Offset 0

Orientation Normal

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Summary

Name [VEZF1_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.33e-03

E-value 9.33e-01

q-value 2.64e-01

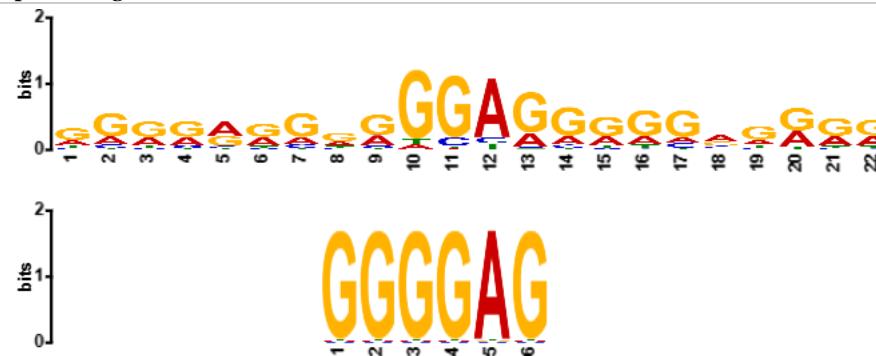
Overlap 6

Offset 7

Orientation Normal

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Summary

Name [ZIC1_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 3.53e-03

E-value 1.42e+00

q-value 3.40e-01

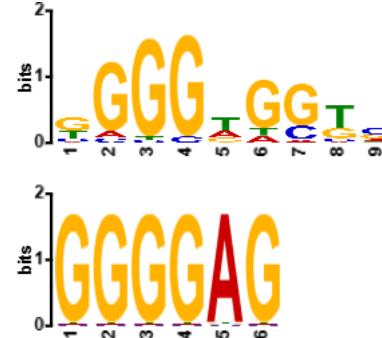
Overlap 6

Offset 0

Orientation Normal

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Optimal Alignment



Summary

Optimal Alignment

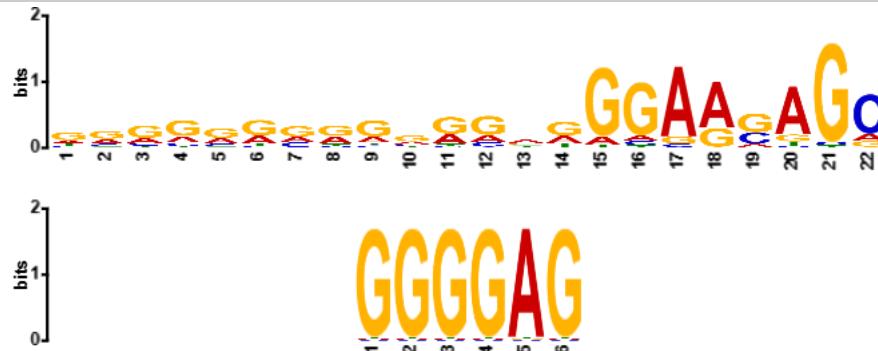
Name	KLF15_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.86e-03
<i>E</i> -value	1.55e+00
<i>q</i> -value	3.40e-01
Overlap	6
Offset	0
Orientation	Normal
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Summary

Name	ZN341_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.03e-03
<i>E</i> -value	2.42e+00
<i>q</i> -value	4.78e-01
Overlap	6
Offset	8
Orientation	Normal
Show logo download options	

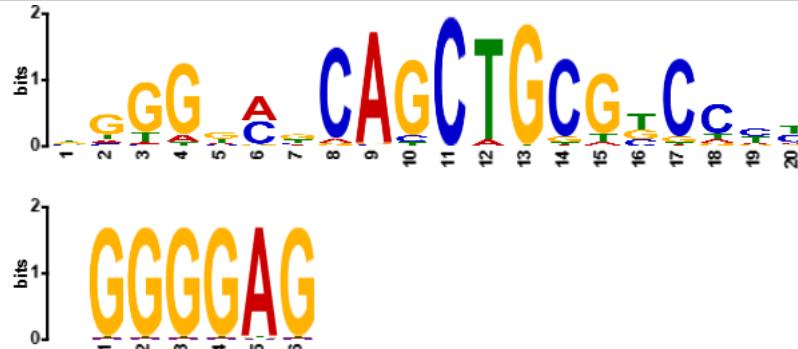
Optimal Alignment



Summary

Name	HEN1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.62e-03
<i>E</i> -value	2.66e+00
<i>q</i> -value	4.78e-01
Overlap	6
Offset	1
Orientation	Normal
Show logo download options	

Optimal Alignment



Summary

Optimal Alignment

Name SRBP2_HUMAN.H11MO.0.B

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 7.36e-03

E-value 2.95e+00

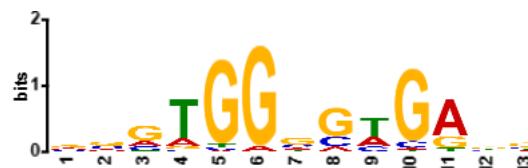
q-value 4.87e-01

Overlap 6

Offset 4

Orientation Normal

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Summary

Name SALL4_HUMAN.H11MO.0.B

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 9.60e-03

E-value 3.85e+00

q-value 5.54e-01

Overlap 6

Offset 2

Orientation Normal

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Optimal Alignment



Summary

Name EGR2_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.01e-02

E-value 4.03e+00

q-value 5.54e-01

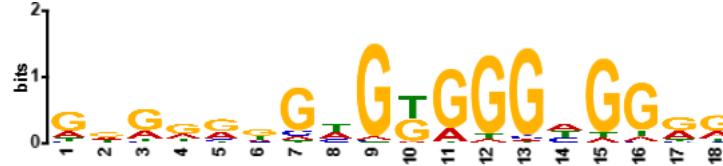
Overlap 6

Offset 3

Orientation Normal

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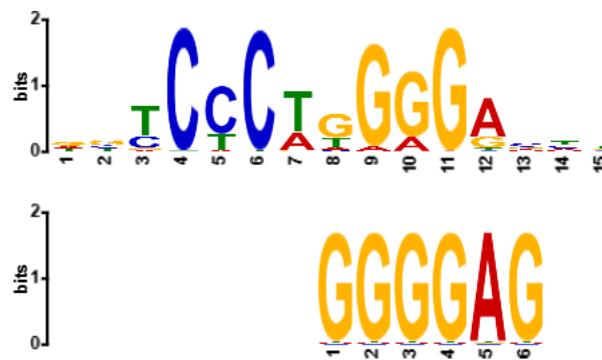
Optimal Alignment



Summary

Optimal Alignment

Name	COE1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.05e-02
<i>E</i> -value	4.20e+00
<i>q</i> -value	5.54e-01
Overlap	6
Offset	7
Orientation	Reverse Complement
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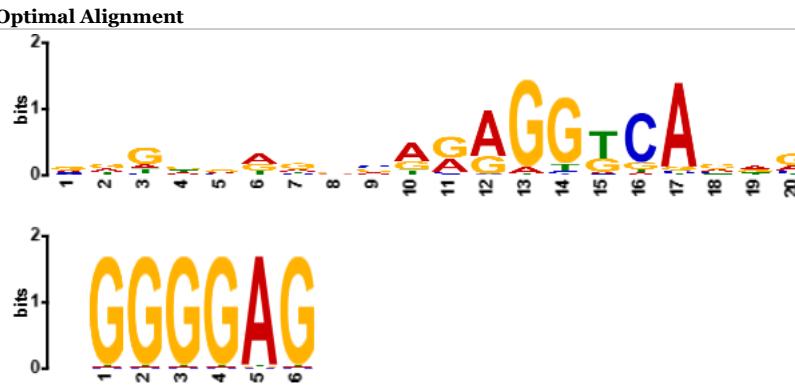
Summary

Name	ZN263_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.16e-02
<i>E</i> -value	4.65e+00
<i>q</i> -value	5.58e-01
Overlap	6
Offset	11
Orientation	Normal
Show logo download options	



Summary

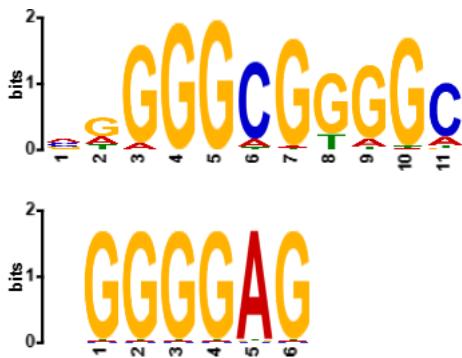
Name	RXRA_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.21e-02
<i>E</i> -value	4.85e+00
<i>q</i> -value	5.58e-01
Overlap	6
Offset	1
Orientation	Normal
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Summary

Optimal Alignment

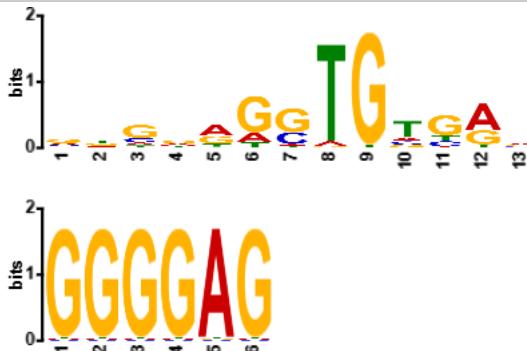
Name	KLF12_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.28e-02
<i>E</i> -value	5.12e+00
<i>q</i> -value	5.58e-01
Overlap	6
Offset	1
Orientation	Normal
Show logo download options	



Summary

Name	TBX21_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.33e-02
<i>E</i> -value	5.35e+00
<i>q</i> -value	5.58e-01
Overlap	6
Offset	0
Orientation	Normal
Show logo download options	

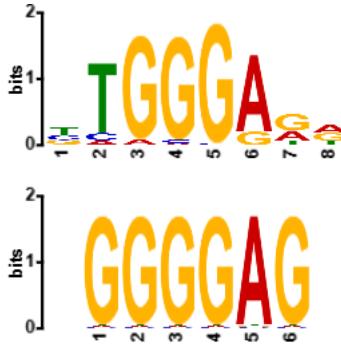
Optimal Alignment



Summary

Name	IKZF1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.46e-02
<i>E</i> -value	5.86e+00
<i>q</i> -value	5.80e-01
Overlap	6
Offset	1
Orientation	Normal
Show logo download options	

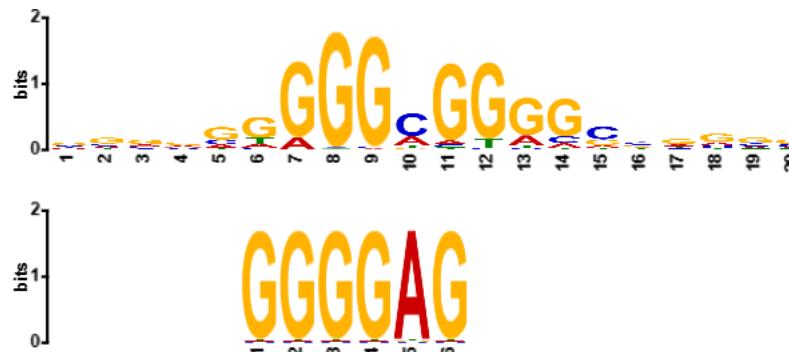
Optimal Alignment



Summary

Optimal Alignment

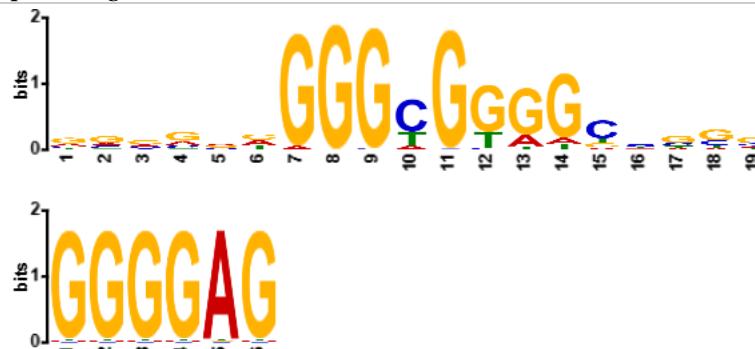
Name	SP3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.57e-02
<i>E</i> -value	6.28e+00
<i>q</i> -value	5.92e-01
Overlap	6
Offset	5
Orientation	Normal
Show logo download options	



Summary

Name	KLF3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.10e-02
<i>E</i> -value	8.41e+00
<i>q</i> -value	7.57e-01
Overlap	6
Offset	0
Orientation	Normal
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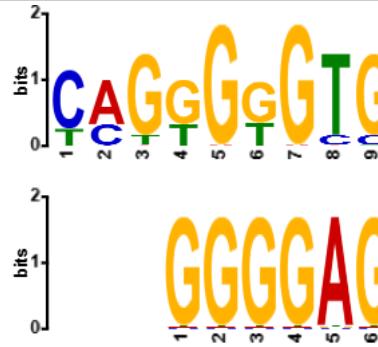
Optimal Alignment



Summary

Name	KLF8_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.42e-02
<i>E</i> -value	9.71e+00
<i>q</i> -value	7.57e-01
Overlap	6
Offset	3
Orientation	Normal
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Optimal Alignment



MATCHES TO GSAGGGGG (MEME-12)

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Summary

Optimal Alignment

Name [VEZF1_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 8.92e-05

E-value 3.58e-02

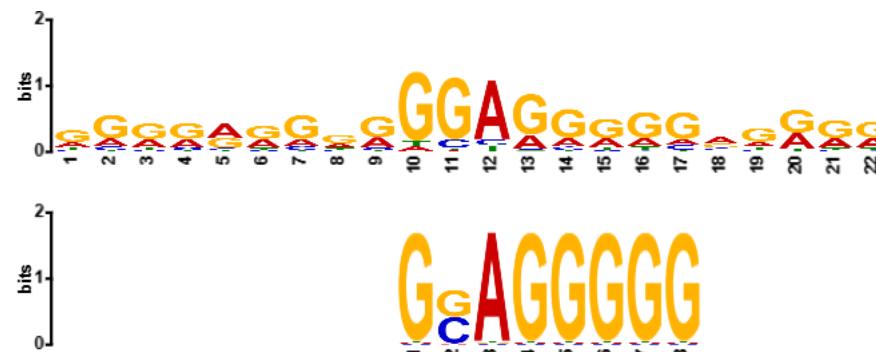
q-value 2.70e-02

Overlap 8

Offset 9

Orientation Normal

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Summary

Name [KLF9_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.07e-04

E-value 4.28e-02

q-value 2.70e-02

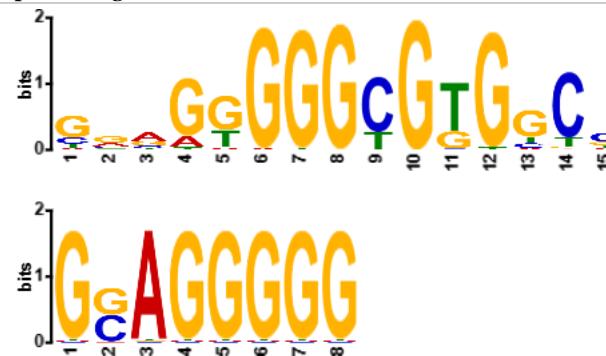
Overlap 8

Offset 0

Orientation Normal

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Optimal Alignment



Summary

Name [MAZ_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.39e-04

E-value 5.58e-02

q-value 2.70e-02

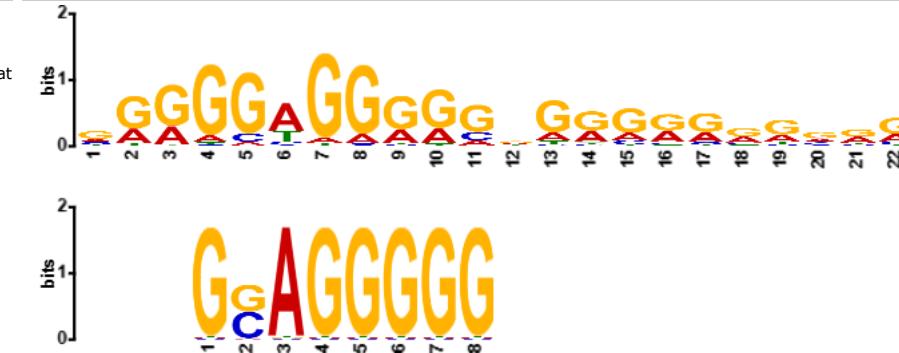
Overlap 8

Offset 3

Orientation Normal

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Optimal Alignment



Summary

Optimal Alignment

Name [PATZ1_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.39e-04

E-value 5.58e-02

q-value 2.70e-02

Overlap

Offset

Orientation Normal

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Summary

Name [KLF15_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.49e-04

E-value 9.97e-02

q-value 3.41e-02

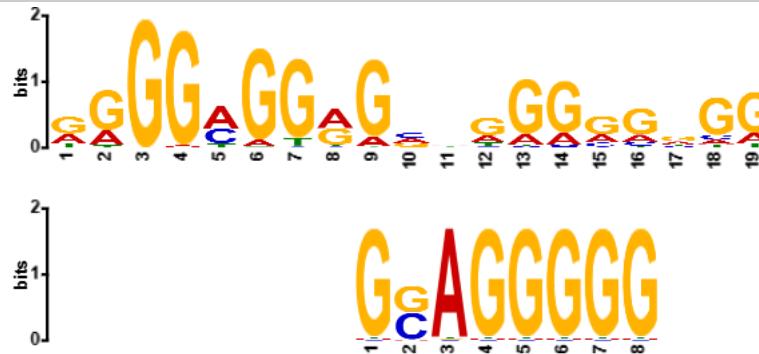
Overlap

Offset

Orientation Normal

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Summary

Name [ZIC3_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.64e-04

E-value 1.06e-01

q-value 3.41e-02

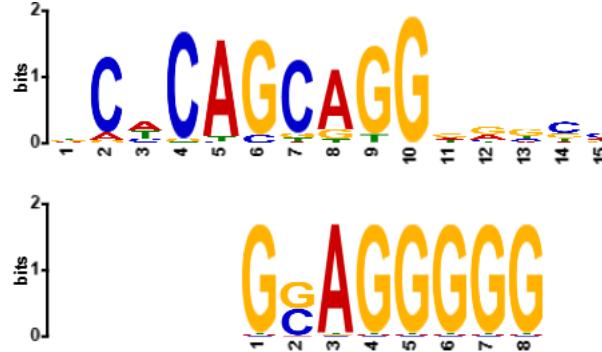
Overlap

Offset

Orientation Reverse Complement

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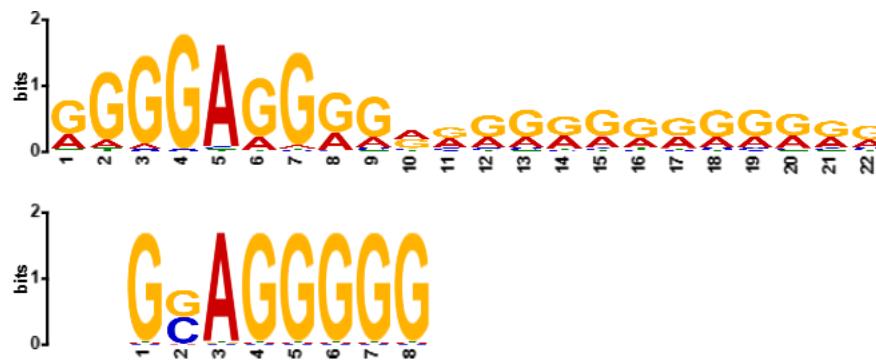
Optimal Alignment



Summary

Optimal Alignment

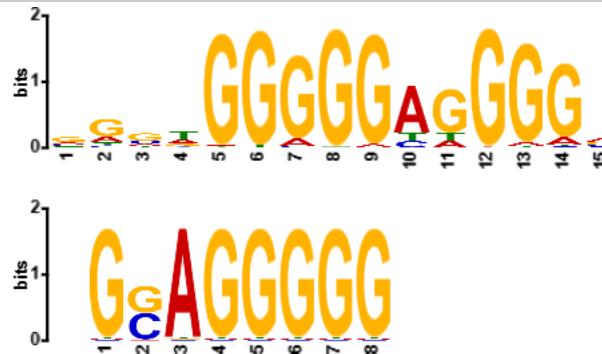
Name	ZN467_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.03e-04
<i>E</i> -value	2.42e-01
<i>q</i> -value	5.71e-02
Overlap	8
Offset	2
Orientation	Normal
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Summary

Name	ZN281_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.82e-04
<i>E</i> -value	2.74e-01
<i>q</i> -value	5.71e-02
Overlap	8
Offset	1
Orientation	Normal
Show logo download options	

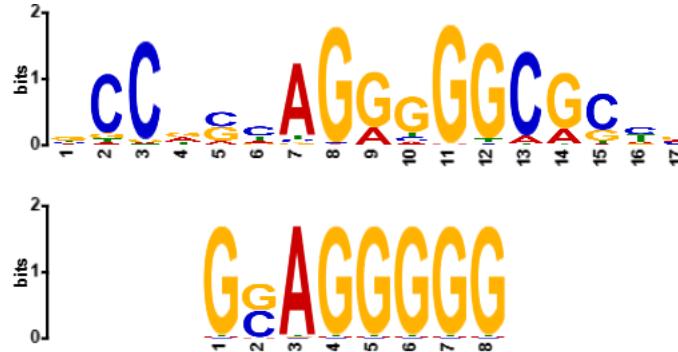
Optimal Alignment



Summary

Name	CTCFL_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.90e-04
<i>E</i> -value	3.17e-01
<i>q</i> -value	5.71e-02
Overlap	8
Offset	4
Orientation	Normal
Show logo download options	

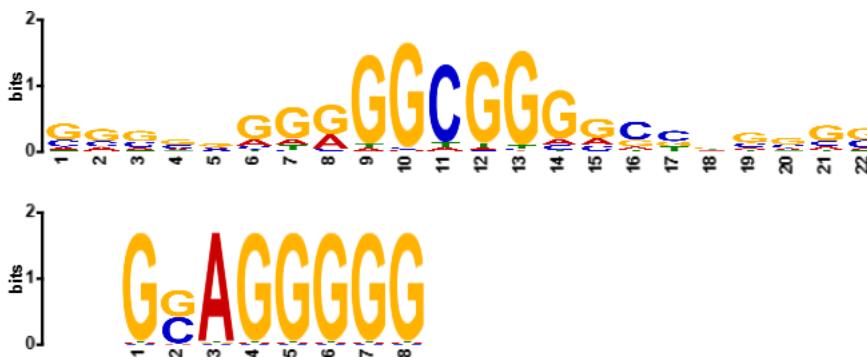
Optimal Alignment



Summary

Optimal Alignment

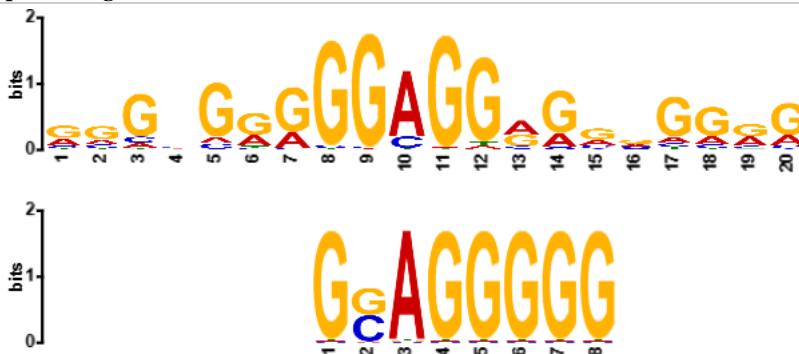
Name	SP2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.90e-04
<i>E</i> -value	3.17e-01
<i>q</i> -value	5.71e-02
Overlap	8
Offset	2
Orientation	Normal
Show logo download options	



Summary

Name	WT1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.10e-04
<i>E</i> -value	3.25e-01
<i>q</i> -value	5.71e-02
Overlap	8
Offset	7
Orientation	Normal
Show logo download options	

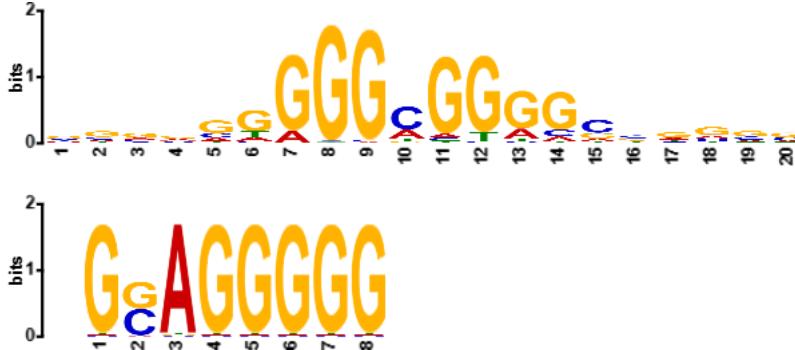
Optimal Alignment



Summary

Name	SP3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.03e-03
<i>E</i> -value	4.12e-01
<i>q</i> -value	6.14e-02
Overlap	8
Offset	1
Orientation	Normal
Show logo download options	

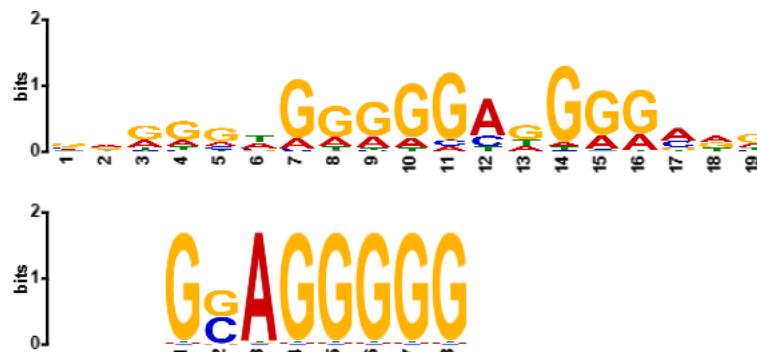
Optimal Alignment



Summary

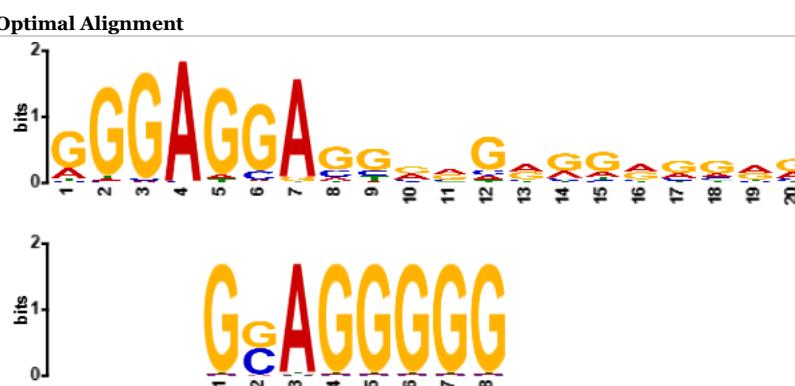
Optimal Alignment

Name	ZBT17_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.10e-03
<i>E</i> -value	4.42e-01
<i>q</i> -value	6.14e-02
Overlap	8
Offset	3
Orientation	Normal
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Summary

Name	ZN263_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.11e-03
<i>E</i> -value	4.44e-01
<i>q</i> -value	6.14e-02
Overlap	8
Offset	4
Orientation	Normal
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Summary

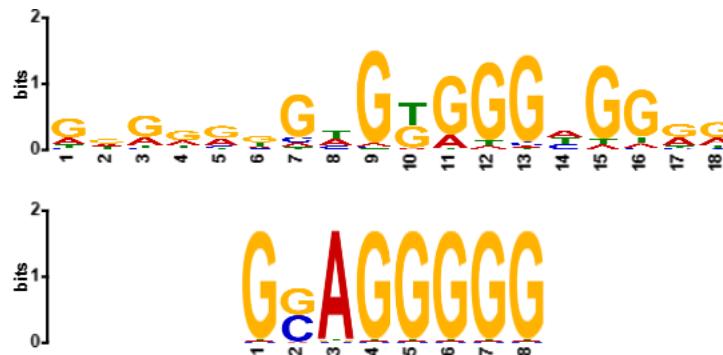
Name	SP4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.50e-03
<i>E</i> -value	6.02e-01
<i>q</i> -value	7.77e-02
Overlap	8
Offset	2
Orientation	Normal
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Summary

Optimal Alignment

Name	EGR2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.62e-03
<i>E</i> -value	6.49e-01
<i>q</i> -value	7.85e-02
Overlap	8
Offset	5
Orientation	Normal
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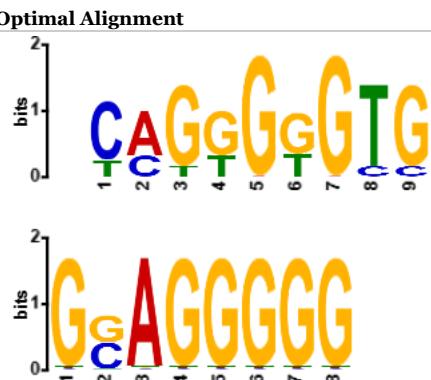
Summary

Name	KLF6_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.92e-03
<i>E</i> -value	7.69e-01
<i>q</i> -value	8.75e-02
Overlap	8
Offset	11
Orientation	Normal
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Summary

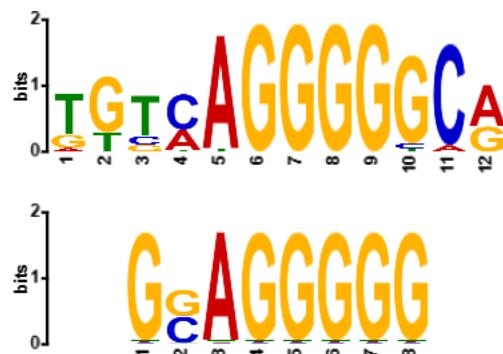
Name	KLF8_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.47e-03
<i>E</i> -value	9.90e-01
<i>q</i> -value	1.06e-01
Overlap	7
Offset	-1
Orientation	Normal
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Summary

Optimal Alignment

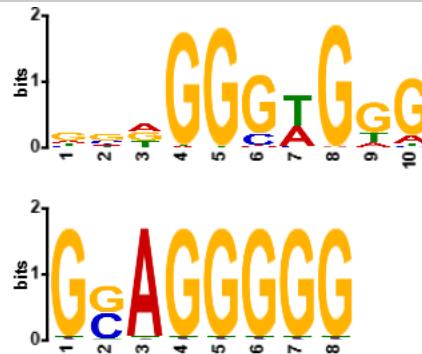
Name	INSM1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.76e-03
<i>E</i> -value	1.51e+00
<i>q</i> -value	1.54e-01
Overlap	8
Offset	2
Orientation	Normal
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Summary

Name	SALL4_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.11e-03
<i>E</i> -value	1.65e+00
<i>q</i> -value	1.57e-01
Overlap	8
Offset	0
Orientation	Normal
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Optimal Alignment



Summary

Name	CTCF_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.40e-03
<i>E</i> -value	1.77e+00
<i>q</i> -value	1.57e-01
Overlap	8
Offset	6
Orientation	Normal
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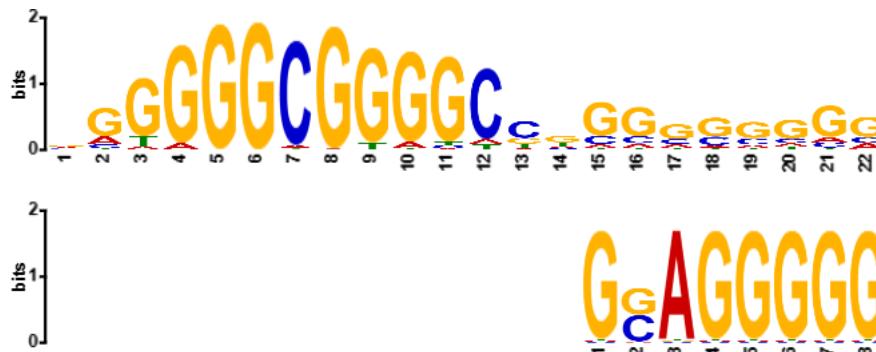
Optimal Alignment



Summary

Optimal Alignment

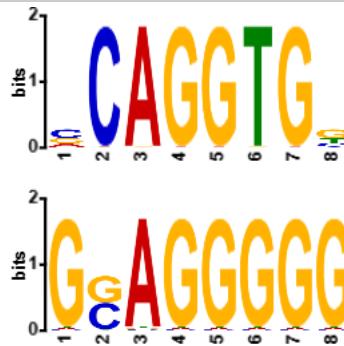
Name	SP1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.46e-03
<i>E</i> -value	1.79e+00
<i>q</i> -value	1.57e-01
Overlap	8
Offset	14
Orientation	Normal
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Summary

Name	SNAI1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.39e-03
<i>E</i> -value	2.16e+00
<i>q</i> -value	1.81e-01
Overlap	8
Offset	0
Orientation	Normal
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Summary

Name	ZN436_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.59e-03
<i>E</i> -value	2.24e+00
<i>q</i> -value	1.81e-01
Overlap	8
Offset	16
Orientation	Normal
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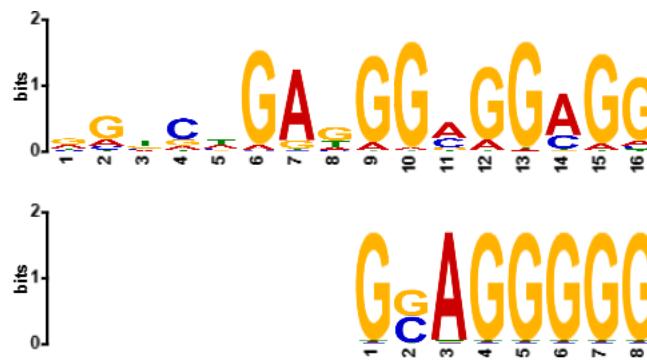
Optimal Alignment



Summary

Optimal Alignment

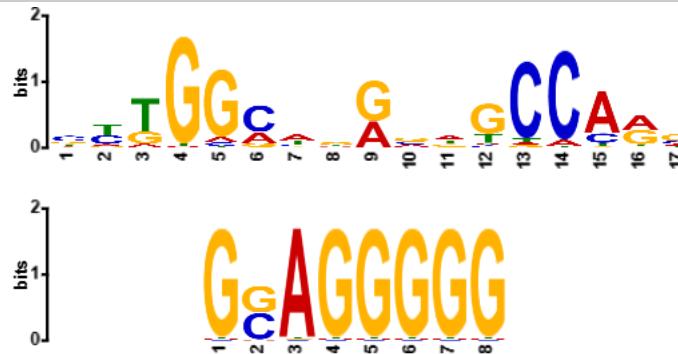
Name	ZSC22_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.60e-03
<i>E</i> -value	2.65e+00
<i>q</i> -value	2.05e-01
Overlap	8
Offset	8
Orientation	Normal
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Summary

Name	NFIC_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.31e-03
<i>E</i> -value	2.93e+00
<i>q</i> -value	2.13e-01
Overlap	8
Offset	4
Orientation	Reverse Complement
Show logo download options	

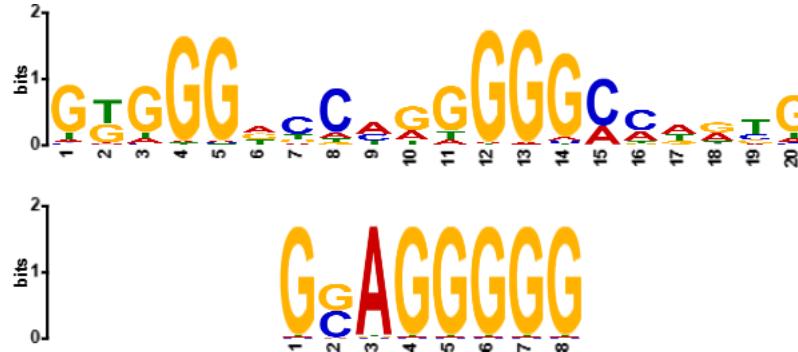
Optimal Alignment



Summary

Name	ZN320_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.88e-03
<i>E</i> -value	3.16e+00
<i>q</i> -value	2.13e-01
Overlap	8
Offset	6
Orientation	Normal
Show logo download options	

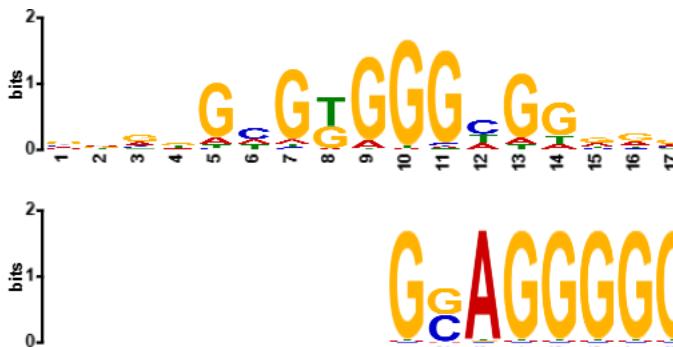
Optimal Alignment



Summary

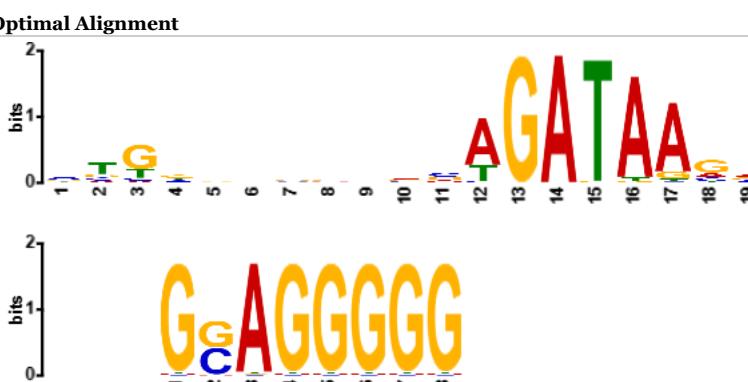
Optimal Alignment

Name	EGR1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.96e-03
<i>E</i> -value	3.19e+00
<i>q</i> -value	2.13e-01
Overlap	8
Offset	9
Orientation	Normal
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Summary

Name	GATA1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.99e-03
<i>E</i> -value	3.20e+00
<i>q</i> -value	2.13e-01
Overlap	8
Offset	3
Orientation	Normal
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Summary

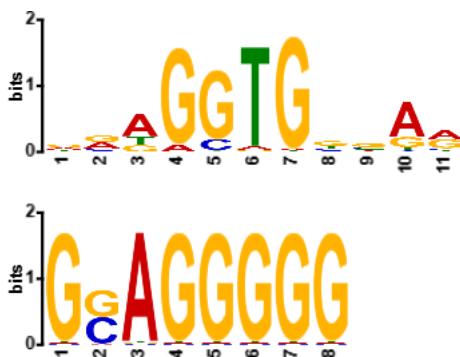
Name	ZN341_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.24e-03
<i>E</i> -value	3.31e+00
<i>q</i> -value	2.13e-01
Overlap	8
Offset	2
Orientation	Normal
Show logo download options	



Summary

Optimal Alignment

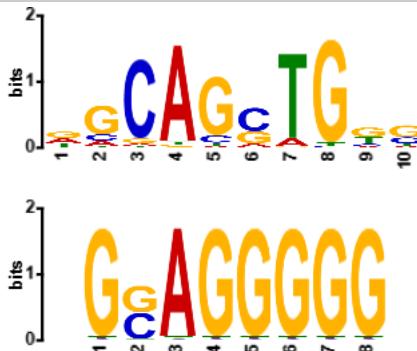
Name	TBX3_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.15e-02
<i>E</i> -value	4.62e+00
<i>q</i> -value	2.88e-01
Overlap	8
Offset	0
Orientation	Normal
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Summary

Name	ITF2_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.31e-02
<i>E</i> -value	5.23e+00
<i>q</i> -value	3.16e-01
Overlap	8
Offset	1
Orientation	Normal
Show logo download options	

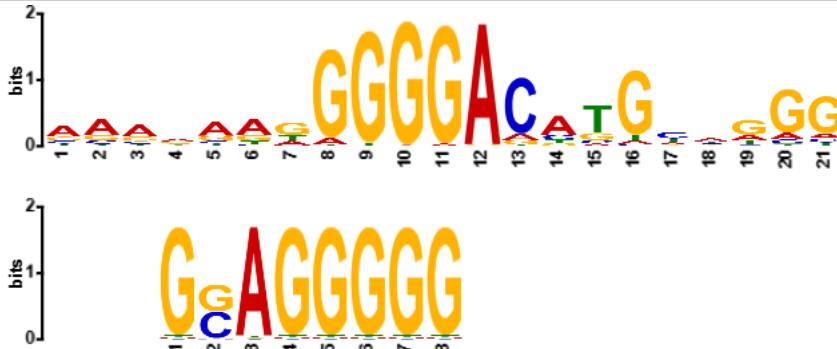
Optimal Alignment



Summary

Name	ZN816_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.40e-02
<i>E</i> -value	5.61e+00
<i>q</i> -value	3.25e-01
Overlap	8
Offset	3
Orientation	Normal
Show logo download options	

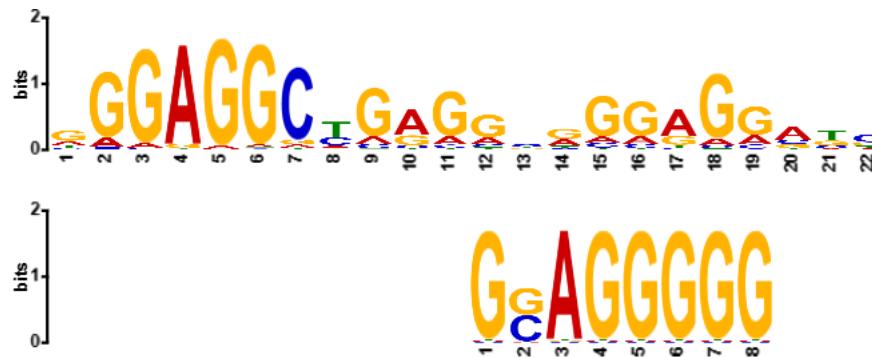
Optimal Alignment



Summary

Optimal Alignment

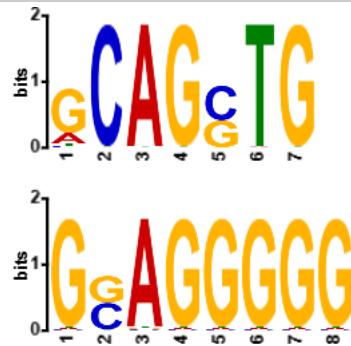
Name	ZN770_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.50e-02
<i>E</i> -value	6.00e+00
<i>q</i> -value	3.25e-01
Overlap	8
Offset	11
Orientation	Normal
Show logo download options	



Summary

Name	MYF6_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.50e-02
<i>E</i> -value	6.03e+00
<i>q</i> -value	3.25e-01
Overlap	7
Offset	0
Orientation	Reverse Complement
Show logo download options	

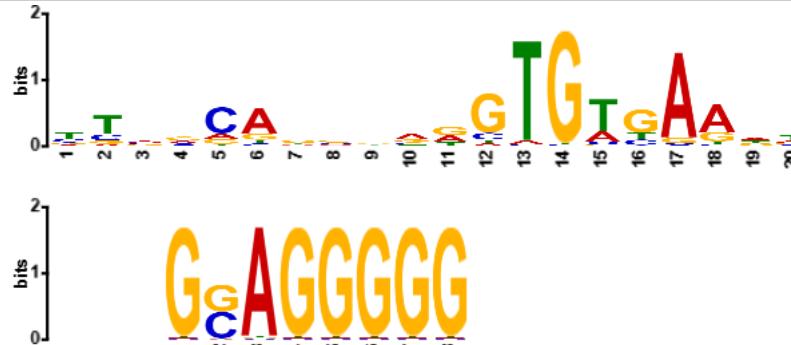
Optimal Alignment



Summary

Name	BRAC_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.51e-02
<i>E</i> -value	6.06e+00
<i>q</i> -value	3.25e-01
Overlap	8
Offset	3
Orientation	Normal
Show logo download options	

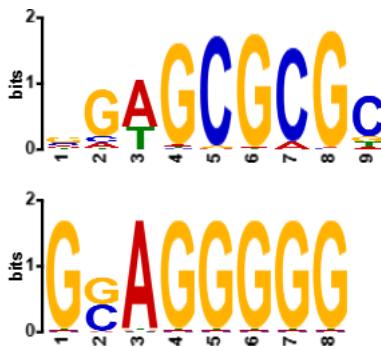
Optimal Alignment



Summary

Optimal Alignment

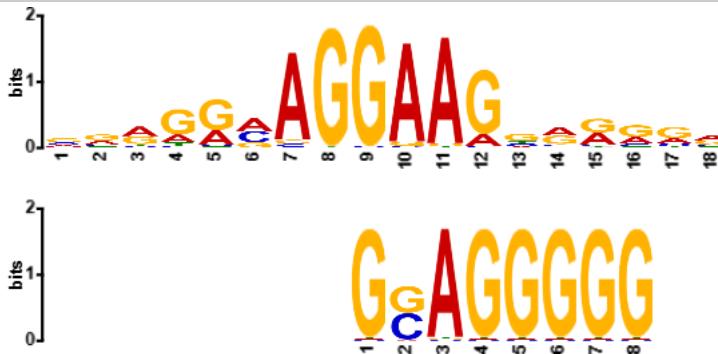
Name	ZBT14_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.78e-02
<i>E</i> -value	7.16e+00
<i>q</i> -value	3.74e-01
Overlap	8
Offset	0
Orientation	Normal
Show logo download options	



Summary

Name	FLI1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.92e-02
<i>E</i> -value	7.70e+00
<i>q</i> -value	3.85e-01
Overlap	8
Offset	8
Orientation	Normal
Show logo download options	

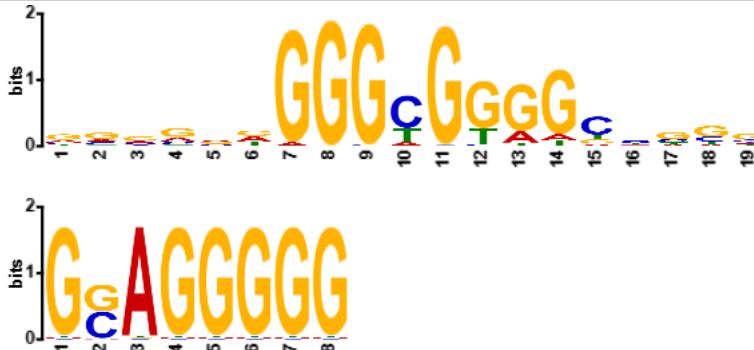
Optimal Alignment



Summary

Name	KLF3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.96e-02
<i>E</i> -value	7.86e+00
<i>q</i> -value	3.85e-01
Overlap	8
Offset	0
Orientation	Normal
Show logo download options	

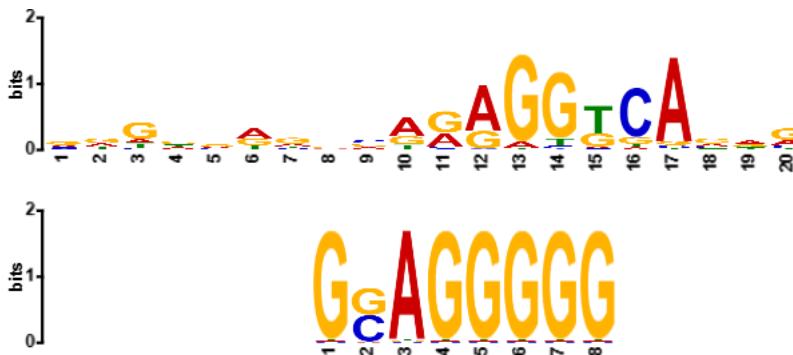
Optimal Alignment



Summary

Optimal Alignment

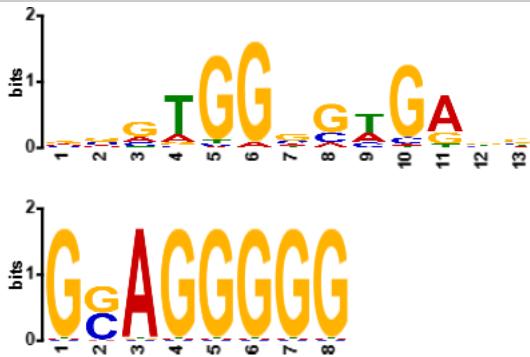
Name	RXRA_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.98e-02
<i>E</i> -value	7.96e+00
<i>q</i> -value	3.85e-01
Overlap	8
Offset	7
Orientation	Normal
Show logo download options	



Summary

Name	SRBP2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.11e-02
<i>E</i> -value	8.47e+00
<i>q</i> -value	3.98e-01
Overlap	8
Offset	0
Orientation	Normal
Show logo download options	

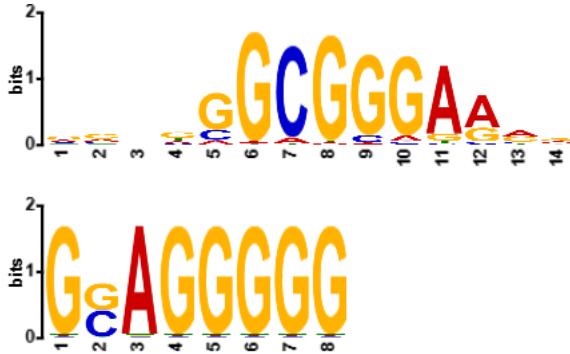
Optimal Alignment



Summary

Name	E2F1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.16e-02
<i>E</i> -value	8.64e+00
<i>q</i> -value	3.98e-01
Overlap	8
Offset	0
Orientation	Normal
Show logo download options	

Optimal Alignment



Summary

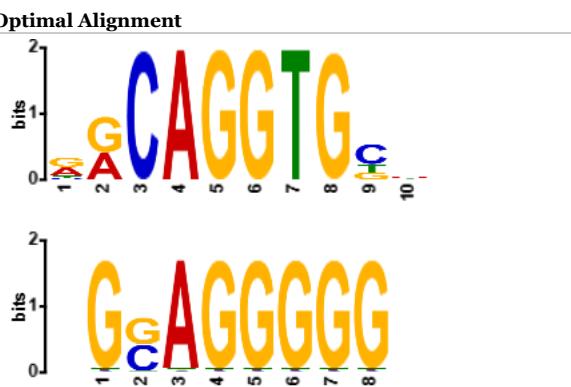
Optimal Alignment

Name	E2F6_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.25e-02
<i>E</i> -value	9.01e+00
<i>q</i> -value	3.98e-01
Overlap	7
Offset	6
Orientation	Normal
Show logo download options	



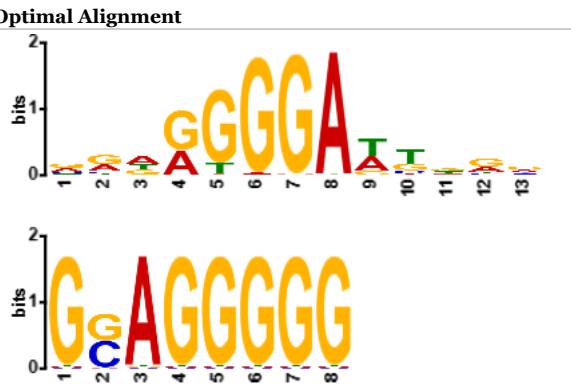
Summary

Name	SNAI2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.26e-02
<i>E</i> -value	9.06e+00
<i>q</i> -value	3.98e-01
Overlap	8
Offset	1
Orientation	Normal
Show logo download options	



Summary

Name	MZF1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.39e-02
<i>E</i> -value	9.58e+00
<i>q</i> -value	4.12e-01
Overlap	8
Offset	0
Orientation	Normal
Show logo download options	



Summary

Optimal Alignment

Name [KLF12_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.48e-02

E-value 9.95e+00

q-value 4.18e-01

Overlap 8

Offset 3

Orientation Normal

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MATCHES TO CCACCCCC (MEME-13)

[Previous](#) [Next](#) [Top](#)

Summary

Name [ZIC1_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.34e-04

E-value 5.39e-02

q-value 1.05e-01

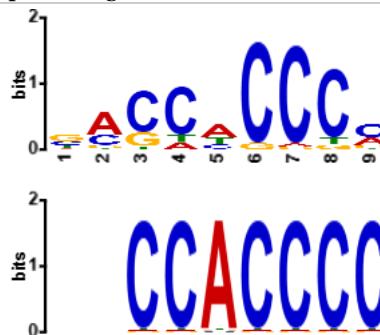
Overlap 7

Offset 2

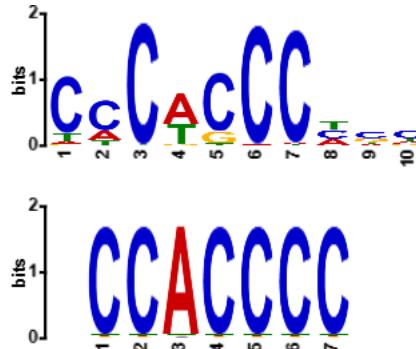
Orientation Reverse Complement

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Optimal Alignment



Optimal Alignment



Summary

Name [SALL4_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 7.12e-04

E-value 2.85e-01

q-value 2.78e-01

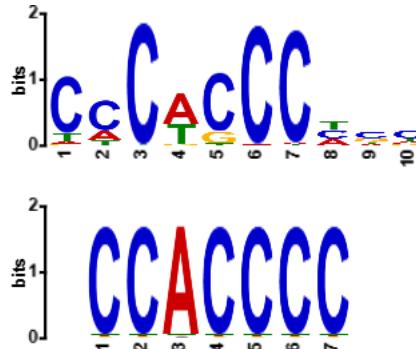
Overlap 7

Offset 1

Orientation Reverse Complement

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Optimal Alignment

Summary

Name [SRBP2_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.82e-03

E-value 1.13e+00

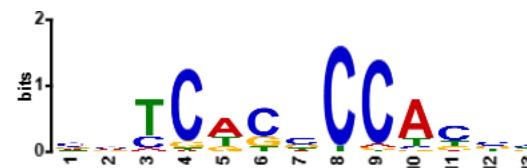
q-value 3.60e-01

Overlap 7

Offset 2

Orientation Reverse Complement

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Summary

Name [GLI3_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.91e-03

E-value 1.17e+00

q-value 3.60e-01

Overlap 7

Offset 3

Orientation Reverse Complement

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Summary

Name [EGR2_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 3.27e-03

E-value 1.31e+00

q-value 3.60e-01

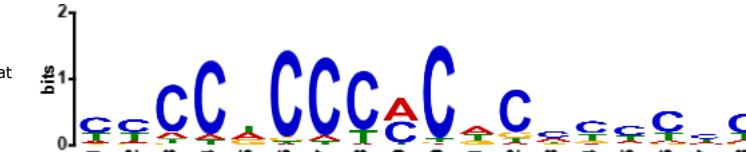
Overlap 7

Offset 2

Orientation Reverse Complement

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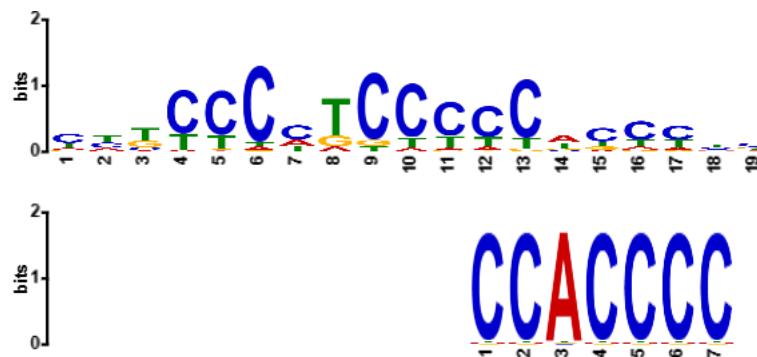
Optimal Alignment



Summary

Optimal Alignment

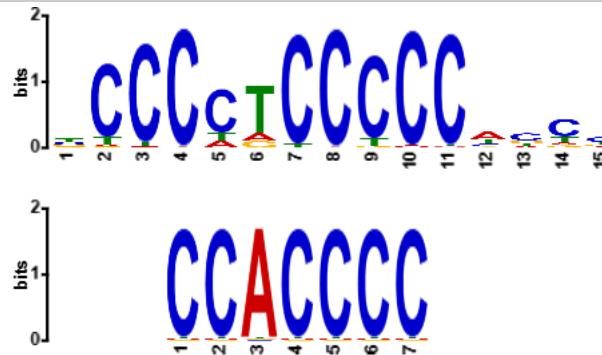
Name	ZBT17_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.38e-03
<i>E</i> -value	1.35e+00
<i>q</i> -value	3.60e-01
Overlap	7
Offset	11
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN281_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.62e-03
<i>E</i> -value	1.45e+00
<i>q</i> -value	3.60e-01
Overlap	7
Offset	3
Orientation	Reverse Complement
	Show logo download options

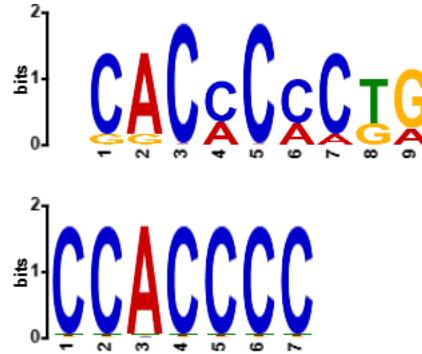
Optimal Alignment



Summary

Name	KLF8_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.83e-03
<i>E</i> -value	1.54e+00
<i>q</i> -value	3.60e-01
Overlap	6
Offset	-1
Orientation	Reverse Complement
	Show logo download options

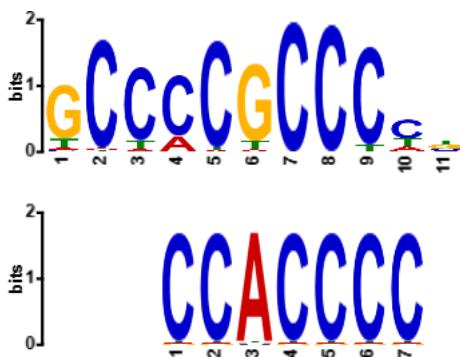
Optimal Alignment



Summary

Optimal Alignment

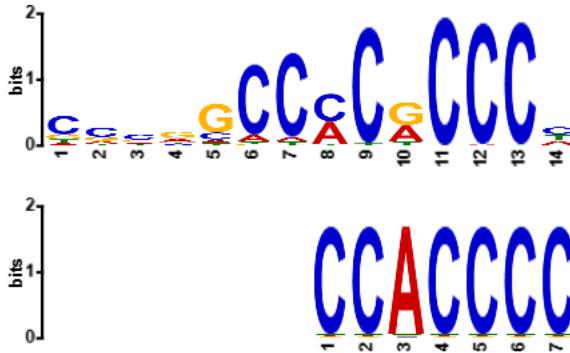
Name	KLF12_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.16e-03
<i>E</i> -value	1.67e+00
<i>q</i> -value	3.60e-01
Overlap	7
Offset	3
Orientation	Reverse Complement
	Show logo download options



Summary

Name	KLF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.60e-03
<i>E</i> -value	1.85e+00
<i>q</i> -value	3.60e-01
Overlap	7
Offset	7
Orientation	Reverse Complement
	Show logo download options

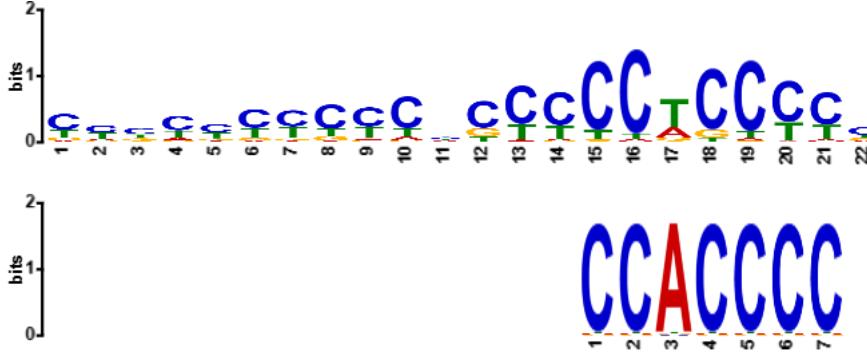
Optimal Alignment



Summary

Name	MAZ_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.81e-03
<i>E</i> -value	2.33e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	14
Orientation	Reverse Complement
	Show logo download options

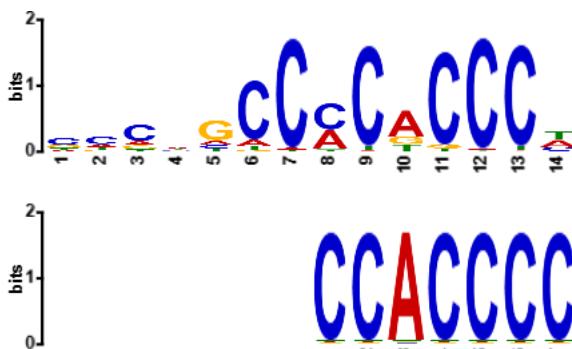
Optimal Alignment



Summary

Optimal Alignment

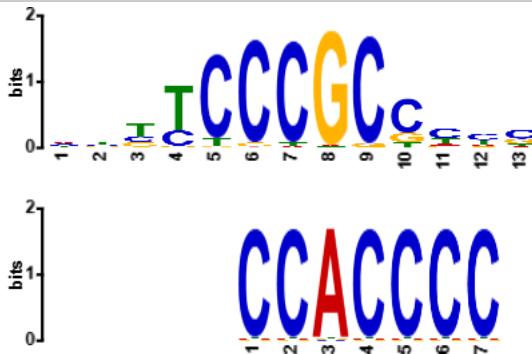
Name	KLF5_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.11e-03
<i>E</i> -value	2.85e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	7
Orientation	Reverse Complement
	Show logo download options



Summary

Name	E2F4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.32e-03
<i>E</i> -value	2.94e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	5
Orientation	Reverse Complement
	Show logo download options

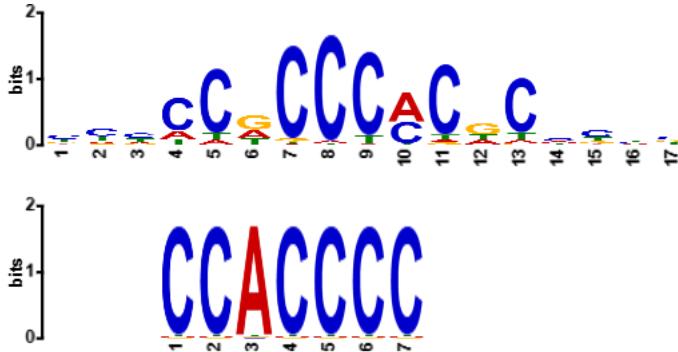
Optimal Alignment



Summary

Name	EGR1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.20e-03
<i>E</i> -value	3.29e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	3
Orientation	Reverse Complement
	Show logo download options

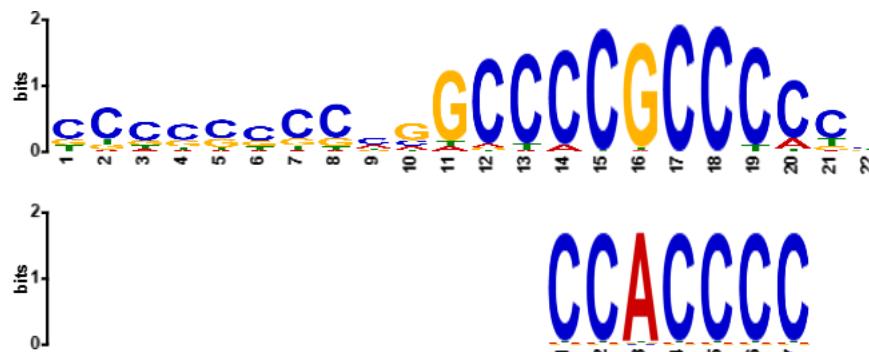
Optimal Alignment



Summary

Optimal Alignment

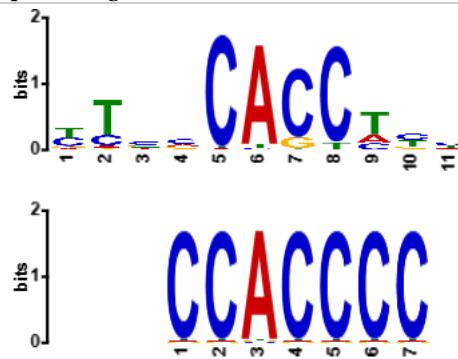
Name	SP1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.34e-03
<i>E</i> -value	3.34e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	13
Orientation	Reverse Complement
	Show logo download options



Summary

Name	TBX3_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.97e-03
<i>E</i> -value	3.60e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	3
Orientation	Reverse Complement
	Show logo download options

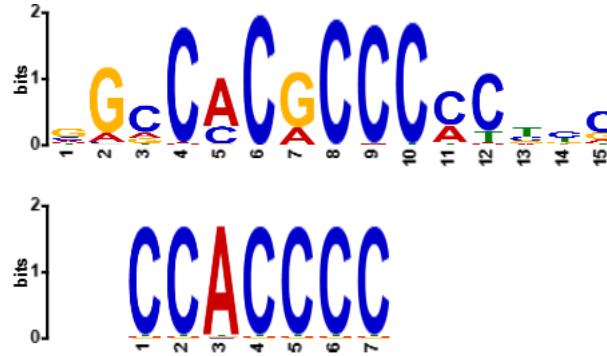
Optimal Alignment



Summary

Name	KLF9_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.33e-03
<i>E</i> -value	3.74e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	2
Orientation	Reverse Complement
	Show logo download options

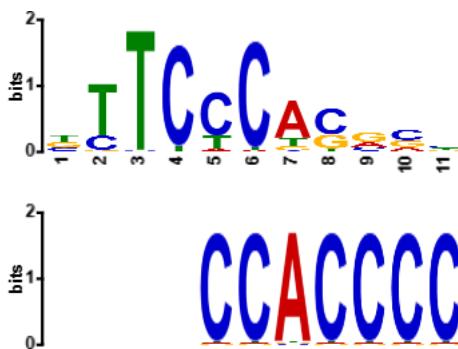
Optimal Alignment



Summary

Optimal Alignment

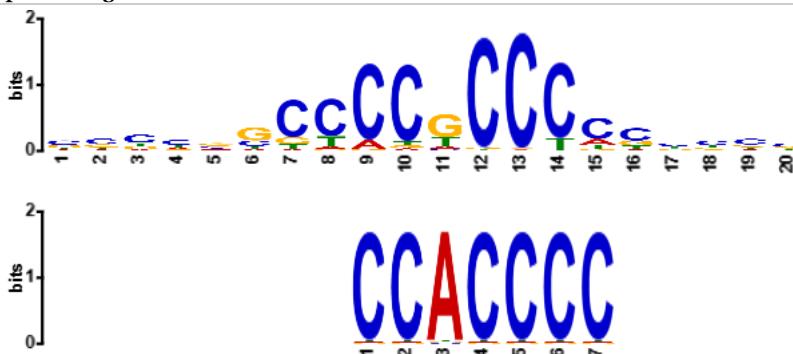
Name	SUH_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.48e-03
<i>E</i> -value	3.80e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	4
Orientation	Reverse Complement
	Show logo download options



Summary

Name	SP3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.53e-03
<i>E</i> -value	3.82e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	8
Orientation	Reverse Complement
	Show logo download options

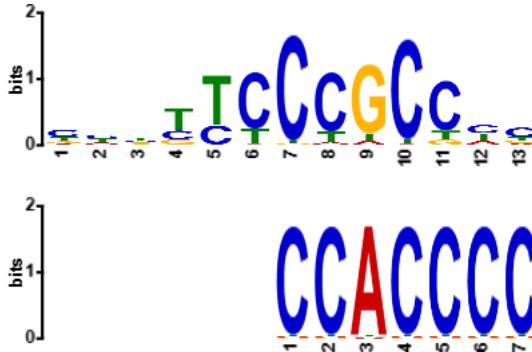
Optimal Alignment



Summary

Name	E2F7_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.03e-02
<i>E</i> -value	4.14e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	6
Orientation	Reverse Complement
	Show logo download options

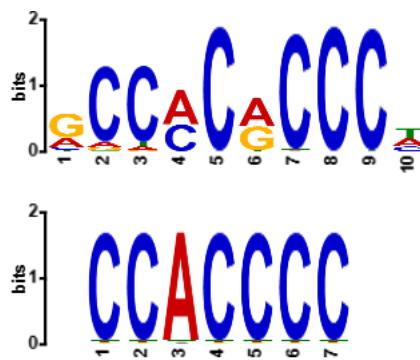
Optimal Alignment



Summary

Optimal Alignment

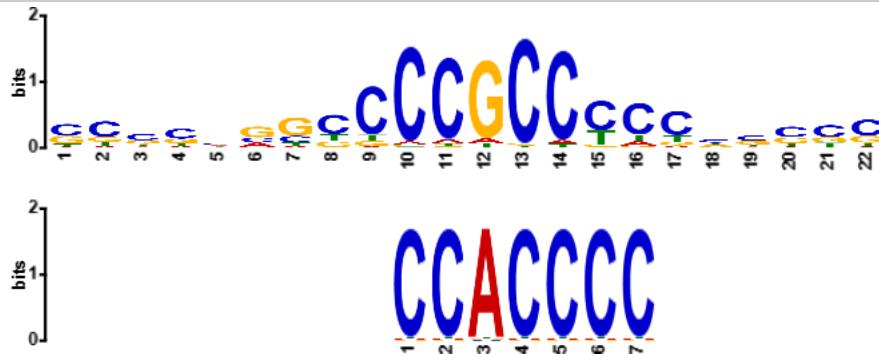
Name	KLF4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.04e-02
<i>E</i> -value	4.18e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	1
Orientation	Reverse Complement
	Show logo download options



Summary

Name	SP2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.09e-02
<i>E</i> -value	4.36e+00
<i>q</i> -value	3.86e-01
Overlap	7
Offset	9
Orientation	Reverse Complement
	Show logo download options

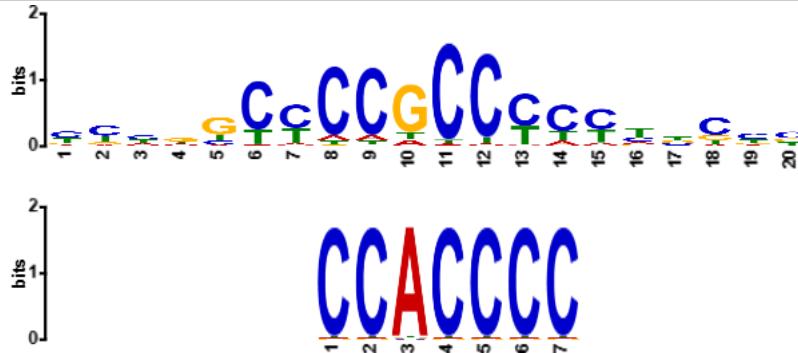
Optimal Alignment



Summary

Name	SP4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.23e-02
<i>E</i> -value	4.92e+00
<i>q</i> -value	3.87e-01
Overlap	7
Offset	7
Orientation	Reverse Complement
	Show logo download options

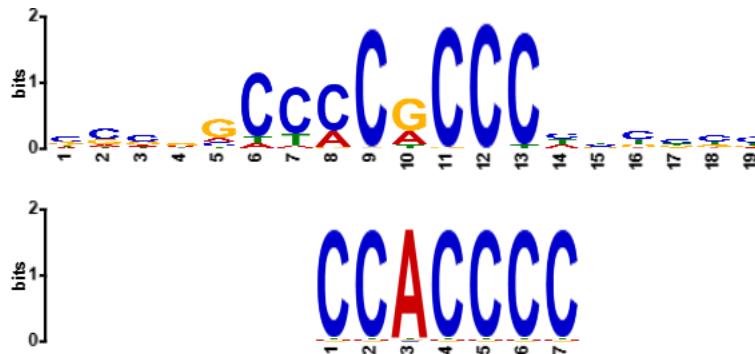
Optimal Alignment



Summary

Optimal Alignment

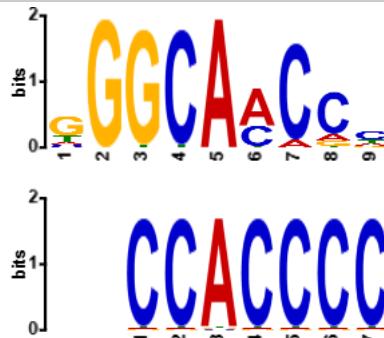
Name	KLF3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.23e-02
<i>E</i> -value	4.95e+00
<i>q</i> -value	3.87e-01
Overlap	7
Offset	7
Orientation	Reverse Complement
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Summary

Name	HIC1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.28e-02
<i>E</i> -value	5.13e+00
<i>q</i> -value	3.87e-01
Overlap	7
Offset	2
Orientation	Reverse Complement
	Show logo download options

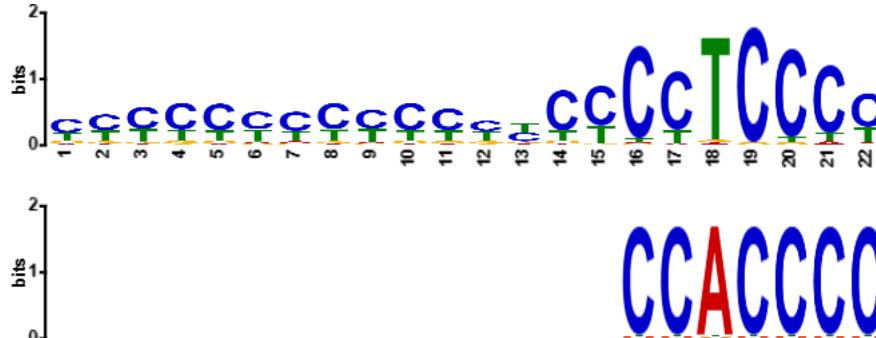
Optimal Alignment



Summary

Name	ZN467_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.29e-02
<i>E</i> -value	5.16e+00
<i>q</i> -value	3.87e-01
Overlap	7
Offset	15
Orientation	Reverse Complement
	Show logo download options

Optimal Alignment



Summary

Optimal Alignment

Name WT1_HUMAN.H11MO.0.C

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.43e-02

E-value 5.74e+00

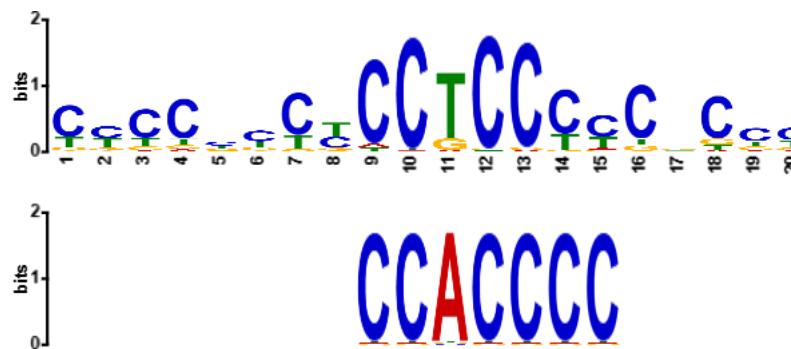
q-value 3.87e-01

Overlap 7

Offset 8

Orientation Reverse Complement

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Summary

Name KLF6_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.43e-02

E-value 5.75e+00

q-value 3.87e-01

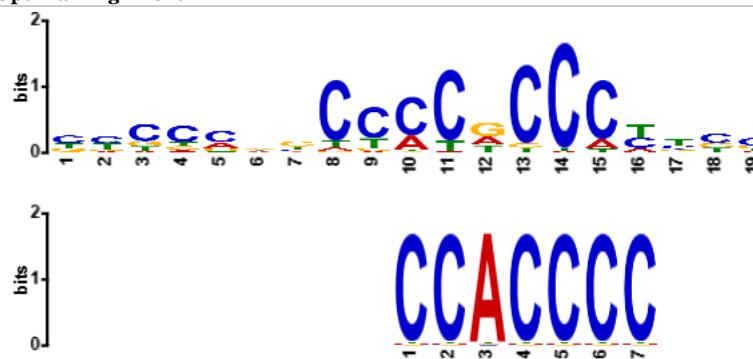
Overlap 7

Offset 9

Orientation Reverse Complement

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Optimal Alignment



Summary

Name E2F1_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.48e-02

E-value 5.93e+00

q-value 3.87e-01

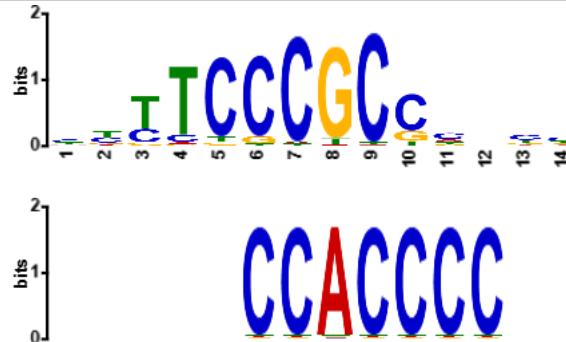
Overlap 7

Offset 5

Orientation Reverse Complement

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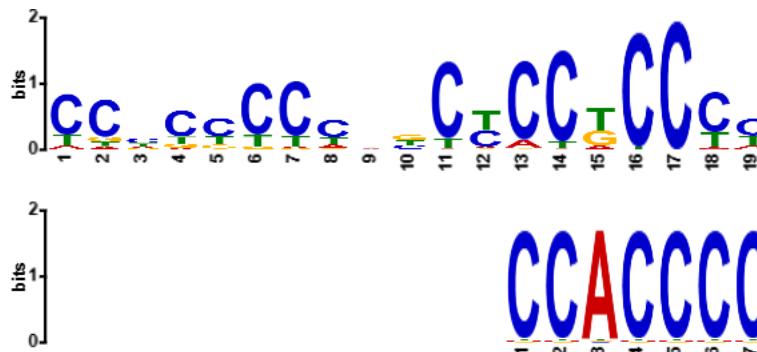
Optimal Alignment



Summary

Optimal Alignment

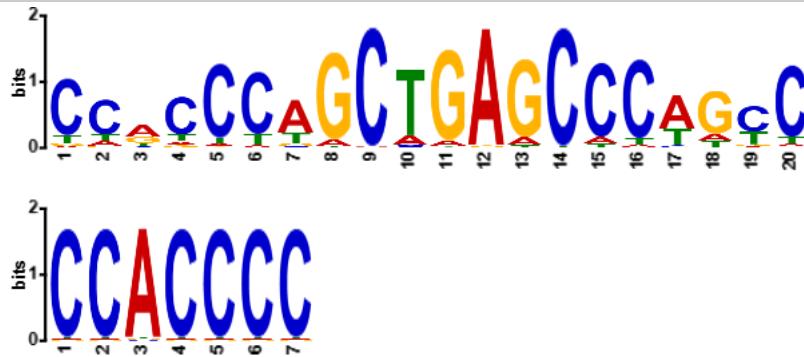
Name	KLF15_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.54e-02
<i>E</i> -value	6.17e+00
<i>q</i> -value	3.87e-01
Overlap	7
Offset	12
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN331_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.54e-02
<i>E</i> -value	6.18e+00
<i>q</i> -value	3.87e-01
Overlap	7
Offset	0
Orientation	Reverse Complement
	Show logo download options

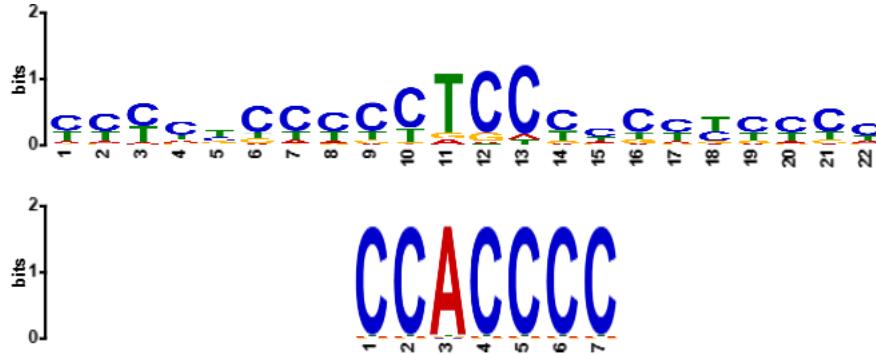
Optimal Alignment



Summary

Name	VEZF1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.63e-02
<i>E</i> -value	6.54e+00
<i>q</i> -value	3.87e-01
Overlap	7
Offset	8
Orientation	Reverse Complement
	Show logo download options

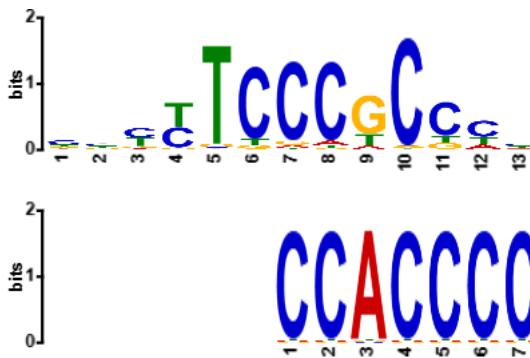
Optimal Alignment



Summary

Optimal Alignment

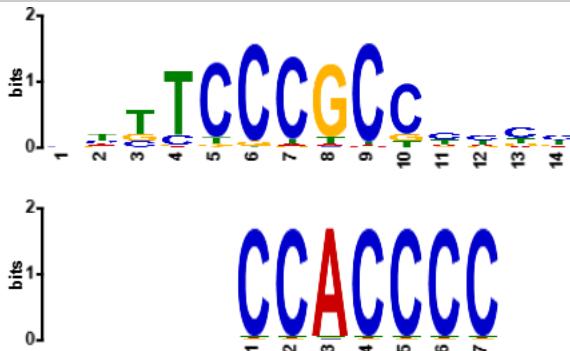
Name	E2F6_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.68e-02
<i>E</i> -value	6.72e+00
<i>q</i> -value	3.87e-01
Overlap	7
Offset	6
Orientation	Reverse Complement
	Show logo download options



Summary

Name	TFDP1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.73e-02
<i>E</i> -value	6.92e+00
<i>q</i> -value	3.87e-01
Overlap	7
Offset	5
Orientation	Reverse Complement
	Show logo download options

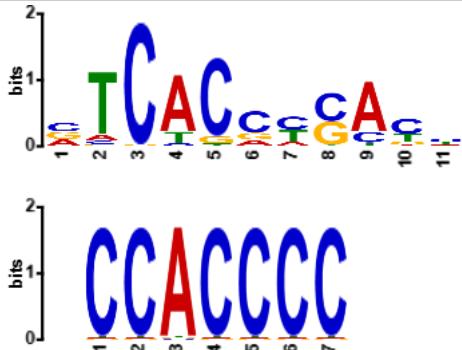
Optimal Alignment



Summary

Name	SRBP1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.73e-02
<i>E</i> -value	6.95e+00
<i>q</i> -value	3.87e-01
Overlap	7
Offset	1
Orientation	Reverse Complement
	Show logo download options

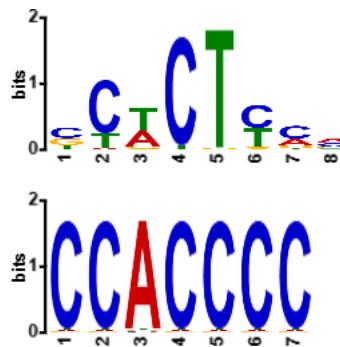
Optimal Alignment



Summary

Optimal Alignment

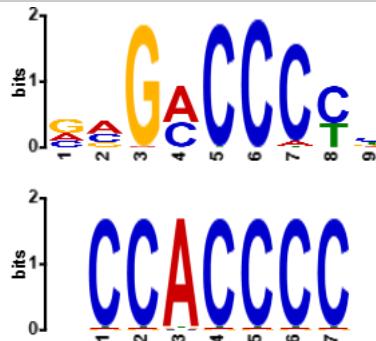
Name	NFKX25_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.81e-02
<i>E</i> -value	7.24e+00
<i>q</i> -value	3.92e-01
Overlap	7
Offset	0
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZBTB7A_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.17e-02
<i>E</i> -value	8.71e+00
<i>q</i> -value	4.59e-01
Overlap	7
Offset	1
Orientation	Reverse Complement
	Show logo download options

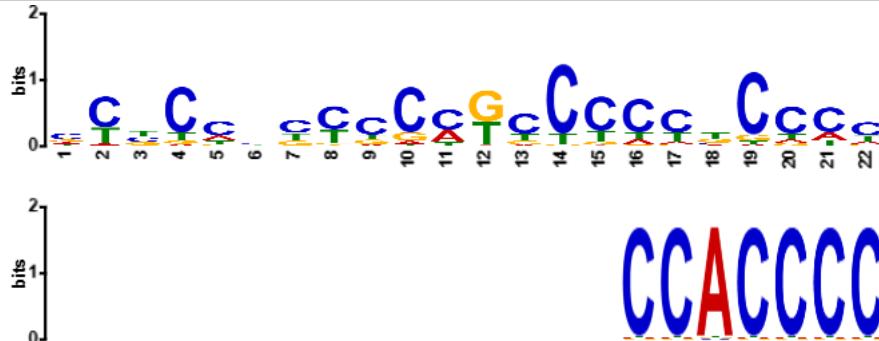
Optimal Alignment



Summary

Name	PATZ1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.43e-02
<i>E</i> -value	9.75e+00
<i>q</i> -value	5.00e-01
Overlap	7
Offset	15
Orientation	Reverse Complement
	Show logo download options

Optimal Alignment



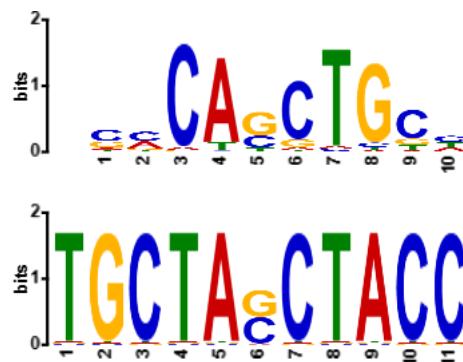
MATCHES TO TGCTASCTACC (MEME-14)

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Optimal Alignment

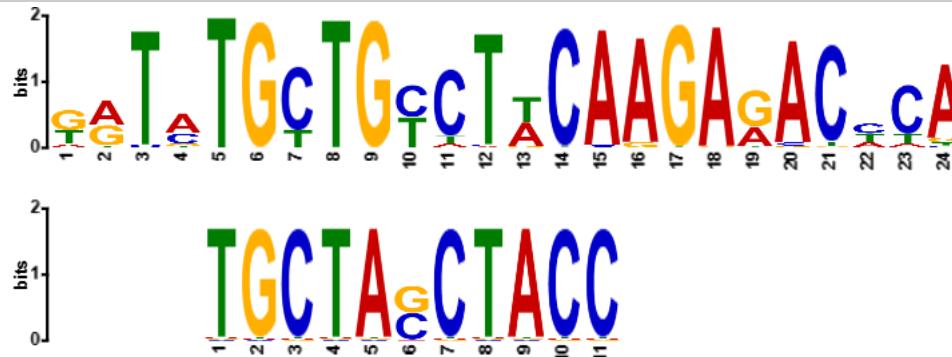
Name	ITF2_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.03e-02
<i>E</i> -value	4.15e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	-1
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN490_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.04e-02
<i>E</i> -value	4.15e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	4
Orientation	Reverse Complement
	Show logo download options

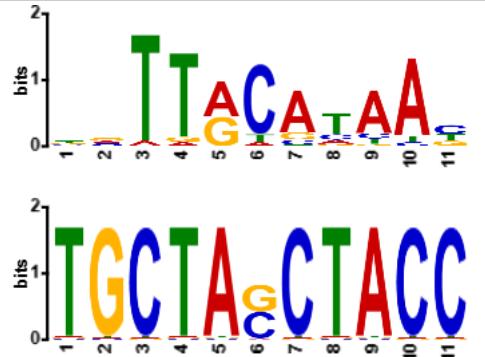
Optimal Alignment



Summary

Name	DBP_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.73e-02
<i>E</i> -value	6.94e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	0
Orientation	Reverse Complement
	Show logo download options

Optimal Alignment



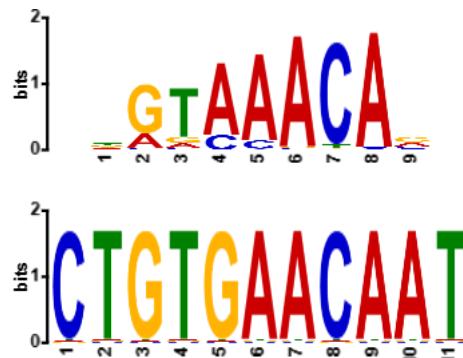
MATCHES TO CTGTGAACAAT (MEME-15)

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Summary

Optimal Alignment

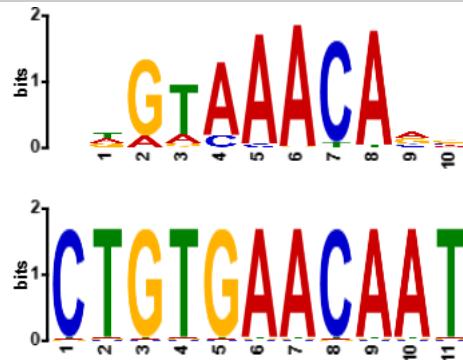
Name	FOXP2_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.51e-03
<i>E</i> -value	6.07e-01
<i>q</i> -value	1.00e+00
Overlap	9
Offset	-1
Orientation	Reverse Complement
	Show logo download options



Summary

Name	FOXO3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.25e-03
<i>E</i> -value	2.11e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	-1
Orientation	Reverse Complement
	Show logo download options

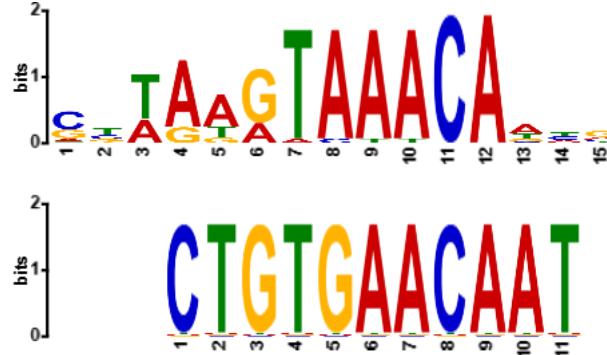
Optimal Alignment



Summary

Name	FOXC1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.51e-03
<i>E</i> -value	3.41e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	3
Orientation	Reverse Complement
	Show logo download options

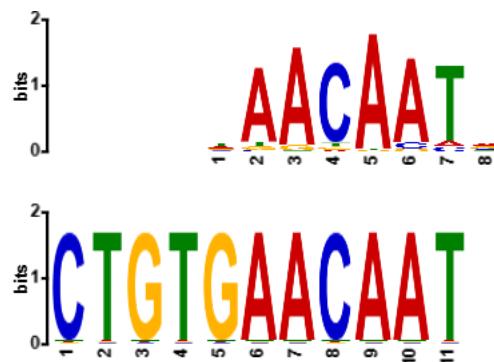
Optimal Alignment



Summary

Optimal Alignment

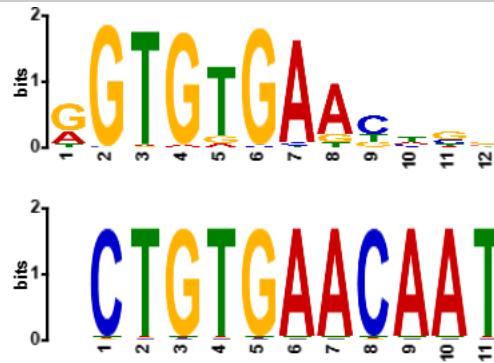
Name	SOX5_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.34e-02
<i>E</i> -value	5.36e+00
<i>q</i> -value	1.00e+00
Overlap	7
Offset	-4
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZNF18_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.58e-02
<i>E</i> -value	6.33e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	1
Orientation	Normal
	Show logo download options

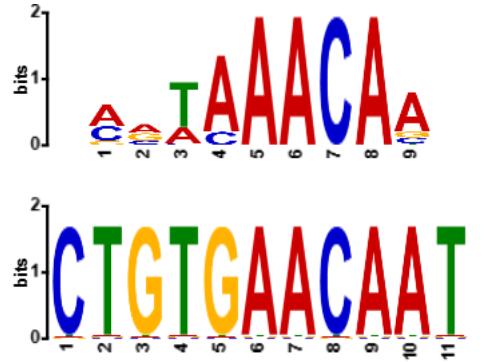
Optimal Alignment



Summary

Name	FOXO4_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.65e-02
<i>E</i> -value	6.61e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	-1
Orientation	Reverse Complement
	Show logo download options

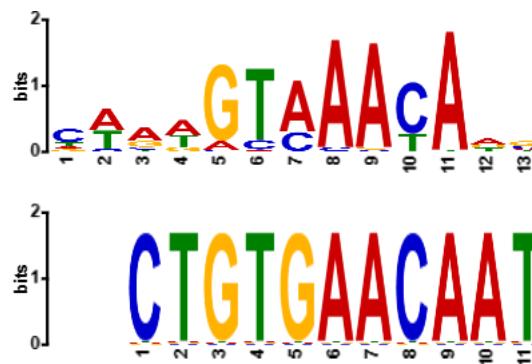
Optimal Alignment



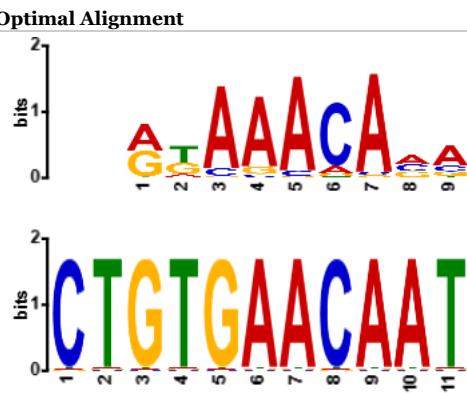
Summary

Optimal Alignment

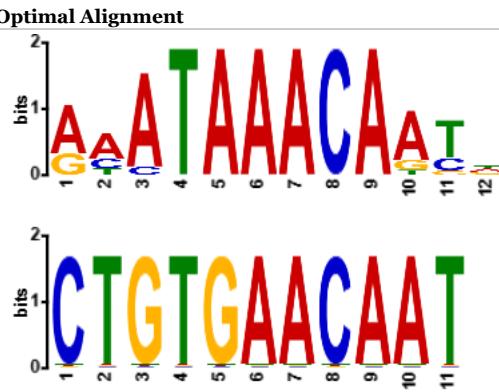
Name	FOXA3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.68e-02
<i>E</i> -value	6.73e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	2
Orientation	Reverse Complement
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Summary	
Name	FOXP1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.07e-02
<i>E</i> -value	8.29e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	-2
Orientation	Reverse Complement
	Show logo download options



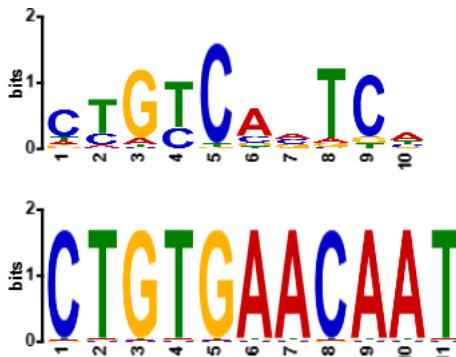
Summary	
Name	FOXQ1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.07e-02
<i>E</i> -value	8.29e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	0
Orientation	Reverse Complement
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Summary	

Optimal Alignment

Name	PBX1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.28e-02
<i>E</i> -value	9.15e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	0
Orientation	Reverse Complement
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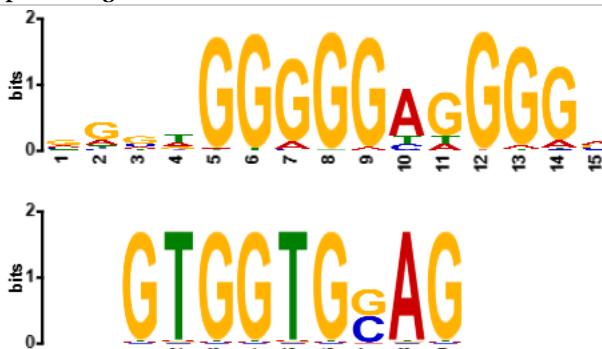
MATCHES TO GTGGTGSAG (MEME-16)

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Summary

Name	ZN281_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.36e-04
<i>E</i> -value	3.35e-01
<i>q</i> -value	4.75e-01
Overlap	9
Offset	2
Orientation	Normal
	Show logo download options

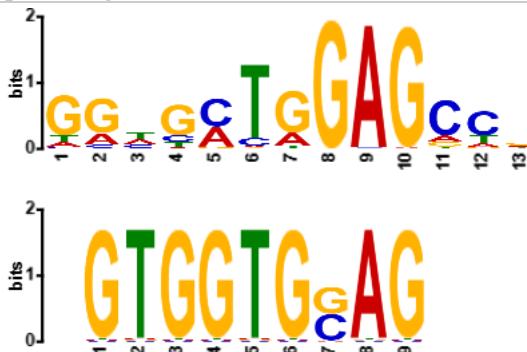
Optimal Alignment



Summary

Name	ZBTB6_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.57e-03
<i>E</i> -value	6.31e-01
<i>q</i> -value	4.75e-01
Overlap	9
Offset	1
Orientation	Normal
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Optimal Alignment



Summary

Optimal Alignment

Name ZBT17_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.27e-03

E-value 9.09e-01

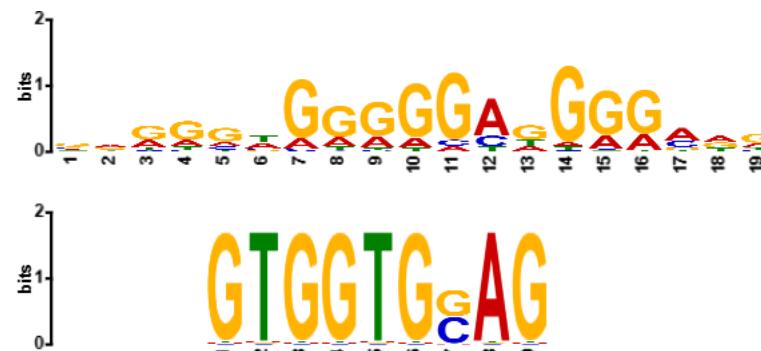
q-value 4.75e-01

Overlap 9

Offset 4

Orientation Normal

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Summary

Name CEBPD_HUMAN.H11MO.0.C

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.37e-03

E-value 9.49e-01

q-value 4.75e-01

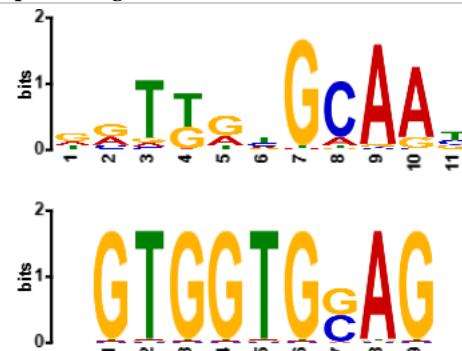
Overlap 9

Offset 1

Orientation Reverse Complement

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Summary

Name CEBPA_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 6.59e-03

E-value 2.64e+00

q-value 9.22e-01

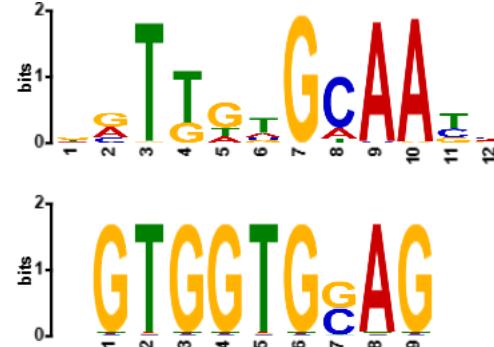
Overlap 9

Offset 1

Orientation Normal

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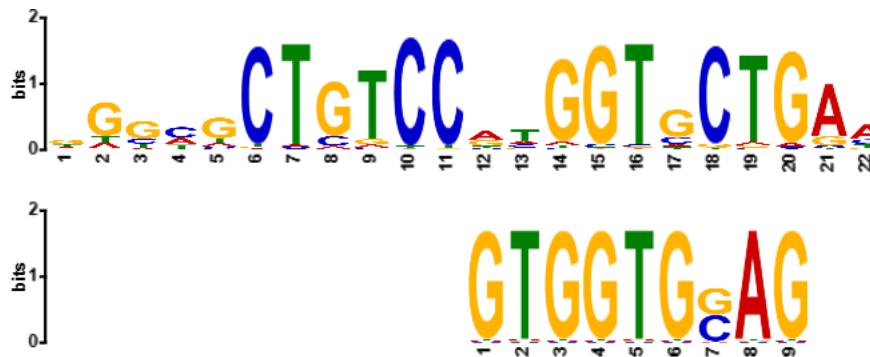
Optimal Alignment



Summary

Optimal Alignment

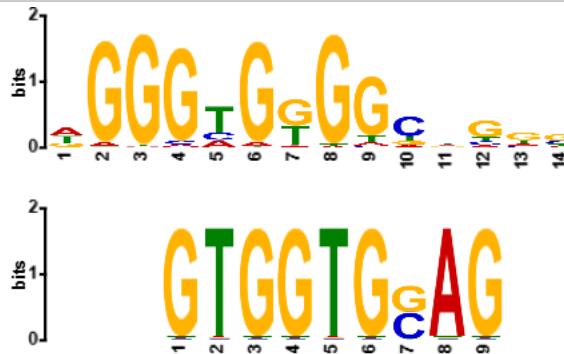
Name	REST_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.90e-03
<i>E</i> -value	2.77e+00
<i>q</i> -value	9.22e-01
Overlap	9
Offset	11
Orientation	Reverse Complement
	Show logo download options



Summary

Name	KLF5_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.86e-03
<i>E</i> -value	3.55e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	3
Orientation	Normal
	Show logo download options

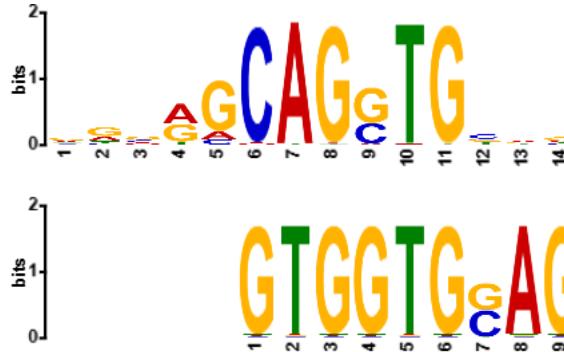
Optimal Alignment



Summary

Name	ASCL1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.03e-02
<i>E</i> -value	4.12e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	5
Orientation	Reverse Complement
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Optimal Alignment



Summary

Optimal Alignment

Name PPARG_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.21e-02

E-value 4.84e+00

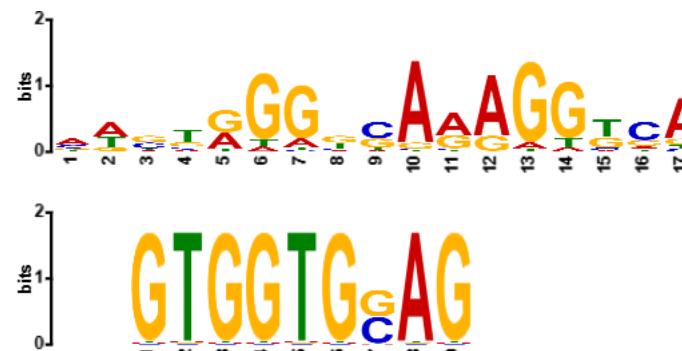
q-value 1.00e+00

Overlap 9

Offset 2

Orientation Normal

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Summary

Name GATA2_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.36e-02

E-value 5.47e+00

q-value 1.00e+00

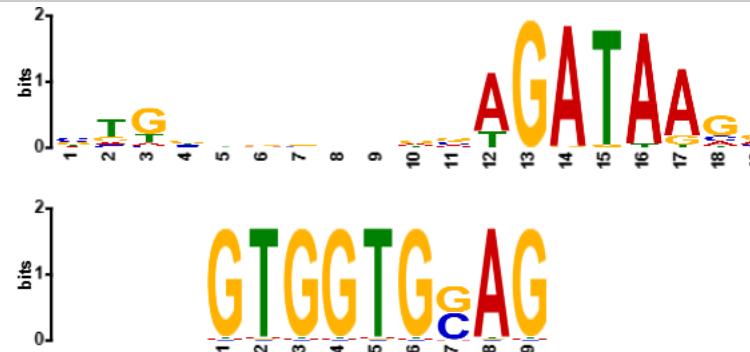
Overlap 9

Offset 4

Orientation Normal

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Optimal Alignment



Summary

Name CEBPB_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.45e-02

E-value 5.80e+00

q-value 1.00e+00

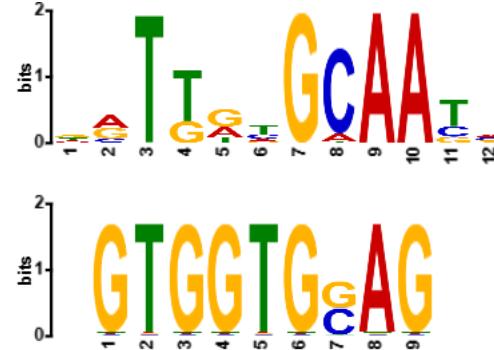
Overlap 9

Offset 1

Orientation Normal

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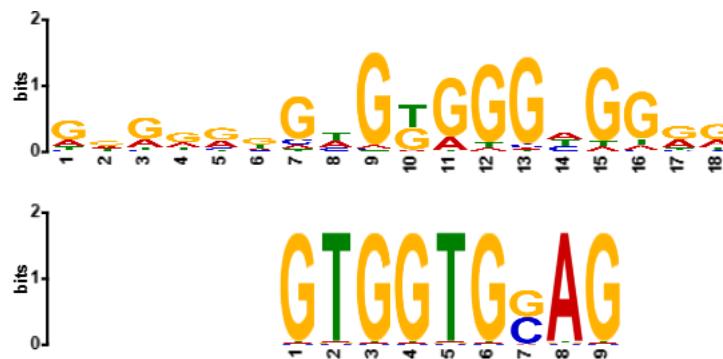
Optimal Alignment



Summary

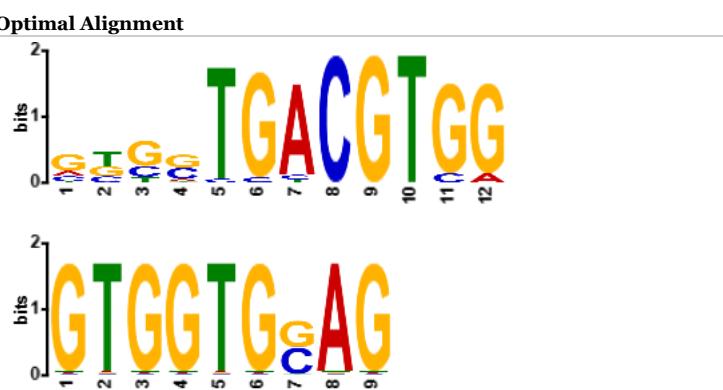
Optimal Alignment

Name	EGR2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.91e-02
<i>E</i> -value	7.67e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	6
Orientation	Normal
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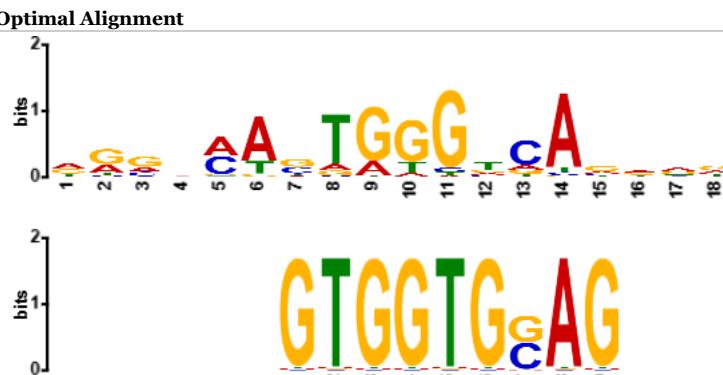
Summary

Name	ATF6A_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.97e-02
<i>E</i> -value	7.89e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	0
Orientation	Normal
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Summary

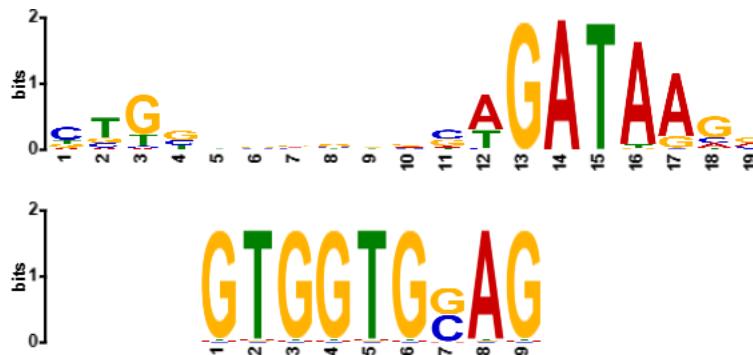
Name	NR1D1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.41e-02
<i>E</i> -value	9.67e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	6
Orientation	Normal
Show logo download options	



Summary

Optimal Alignment

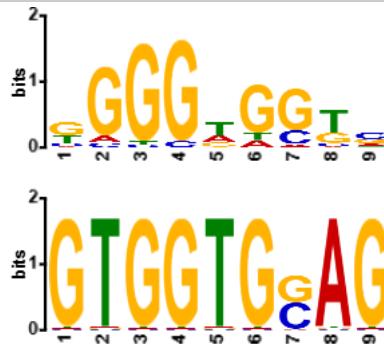
Name	TAL1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.41e-02
<i>E</i> -value	9.67e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	4
Orientation	Normal
Show logo download options	



Summary

Name	ZIC1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.43e-02
<i>E</i> -value	9.73e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	0
Orientation	Normal
Show logo download options	

Optimal Alignment



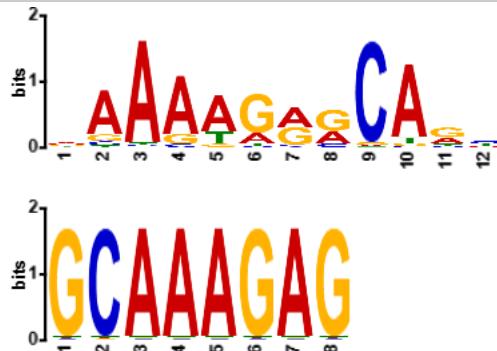
MATCHES TO GCAAAGAG (MEME-17)

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Summary

Name	FEZF1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.61e-03
<i>E</i> -value	2.65e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	0
Orientation	Reverse Complement
Show logo download options	

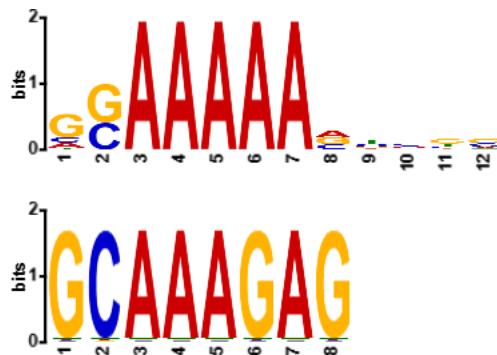
Optimal Alignment



Summary

Optimal Alignment

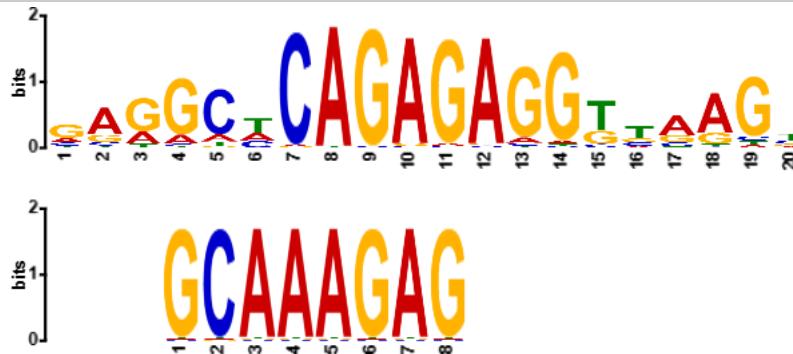
Name	ZN384_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.87e-03
<i>E</i> -value	3.56e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	0
Orientation	Normal
Show logo download options	



Summary

Name	ZN768_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.39e-02
<i>E</i> -value	5.58e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	3
Orientation	Normal
Show logo download options	

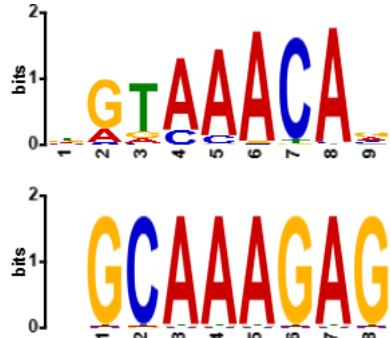
Optimal Alignment



Summary

Name	FOXP2_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.41e-02
<i>E</i> -value	5.67e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	1
Orientation	Reverse Complement
Show logo download options	

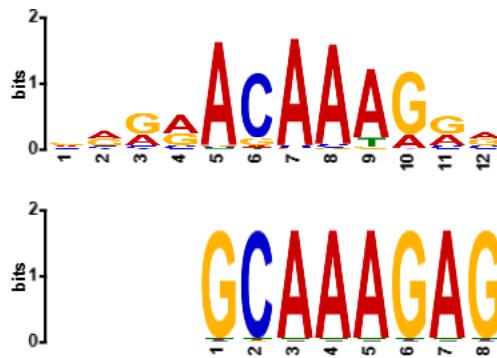
Optimal Alignment



Summary

Optimal Alignment

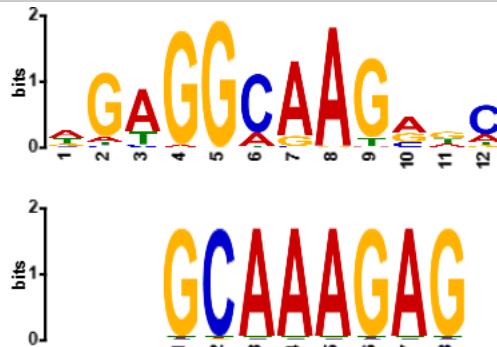
Name	SOX4_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.54e-02
<i>E</i> -value	6.18e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	4
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN257_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.82e-02
<i>E</i> -value	7.29e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	3
Orientation	Reverse Complement
	Show logo download options

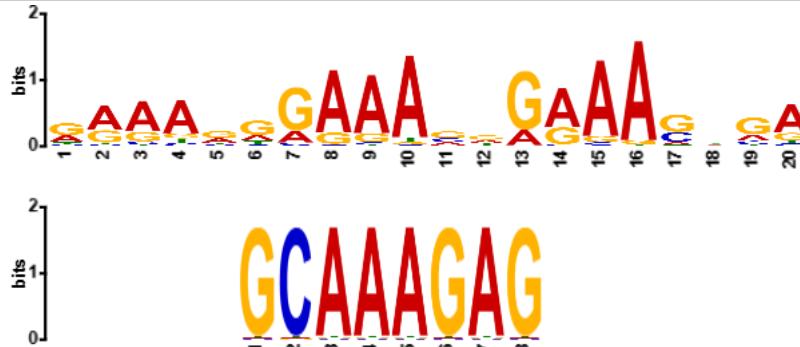
Optimal Alignment



Summary

Name	IRF3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.86e-02
<i>E</i> -value	7.46e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	5
Orientation	Normal
	Show logo download options

Optimal Alignment



Summary

Optimal Alignment

Name	SP1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.94e-02
<i>E</i> -value	7.79e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	0
Orientation	Normal
Show logo download options	



Summary

Name	SP1B_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.94e-02
<i>E</i> -value	7.79e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	0
Orientation	Normal
Show logo download options	

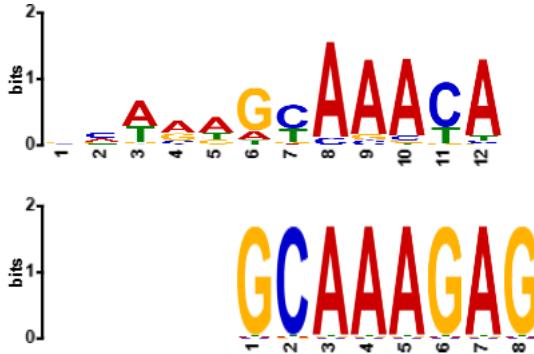
Optimal Alignment



Summary

Name	FOXM1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.02e-02
<i>E</i> -value	8.11e+00
<i>q</i> -value	1.00e+00
Overlap	7
Offset	5
Orientation	Reverse Complement
Show logo download options	

Optimal Alignment



Summary

Optimal Alignment

Name PPARG_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.35e-02

E-value 9.43e+00

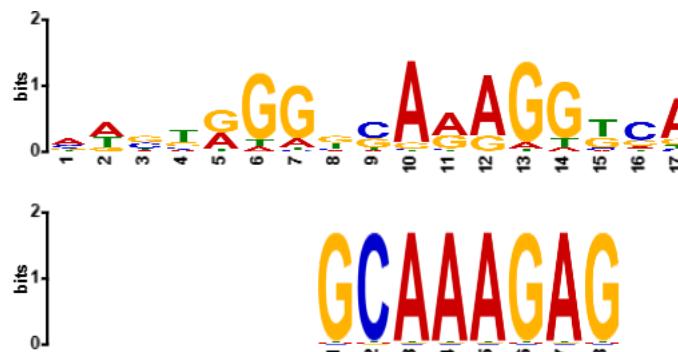
q-value 1.00e+00

Overlap 8

Offset 7

Orientation Normal

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Summary

Name LYL1_HUMAN.H11MO.0.A

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.46e-02

E-value 9.87e+00

q-value 1.00e+00

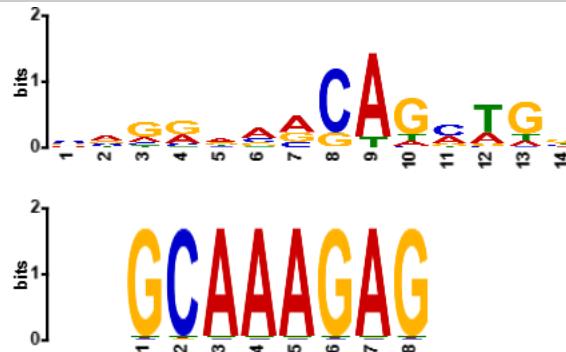
Overlap 8

Offset 2

Orientation Reverse Complement

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Optimal Alignment



Summary

Name PPARA_HUMAN.H11MO.0.B

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.48e-02

E-value 9.94e+00

q-value 1.00e+00

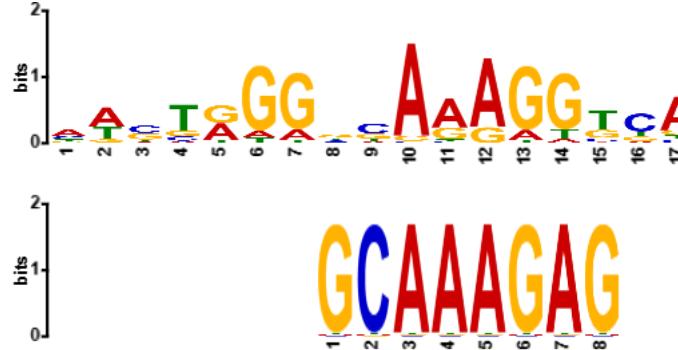
Overlap 8

Offset 7

Orientation Normal

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Optimal Alignment



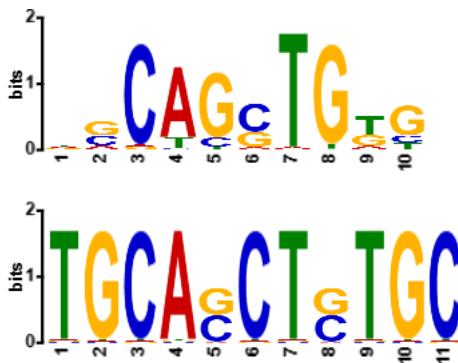
MATCHES TO TGCASCTSTGC (MEME-18)

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Summary

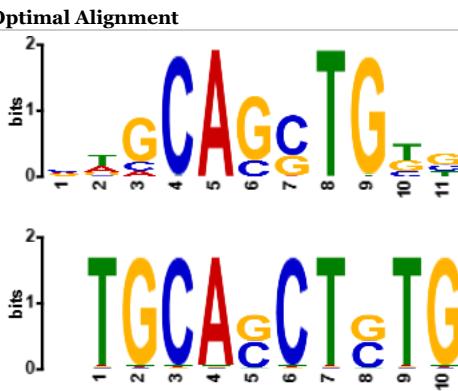
Optimal Alignment

Name	HTF4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.70e-05
<i>E</i> -value	6.80e-03
<i>q</i> -value	9.83e-03
Overlap	10
Offset	0
Orientation	Normal
Show logo download options	



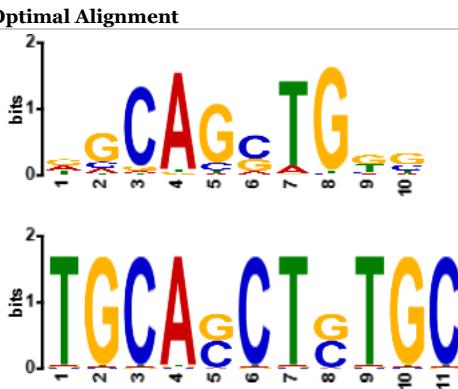
Summary

Name	TFE2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.47e-05
<i>E</i> -value	9.91e-03
<i>q</i> -value	9.83e-03
Overlap	10
Offset	1
Orientation	Reverse Complement
Show logo download options	



Summary

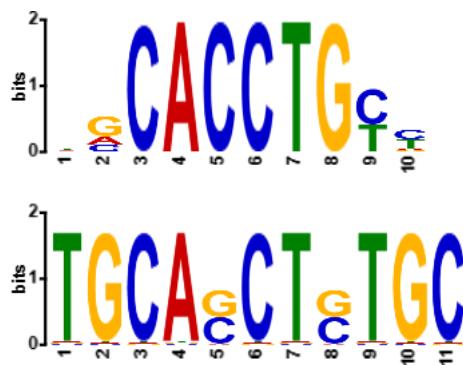
Name	ITF2_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.92e-04
<i>E</i> -value	7.72e-02
<i>q</i> -value	5.11e-02
Overlap	10
Offset	0
Orientation	Normal
Show logo download options	



Summary

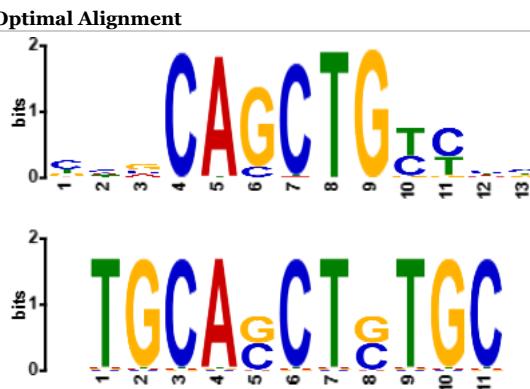
Optimal Alignment

Name	SNAI2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.18e-04
<i>E</i> -value	3.28e-01
<i>q</i> -value	1.48e-01
Overlap	10
Offset	0
Orientation	Reverse Complement
Show logo download options	



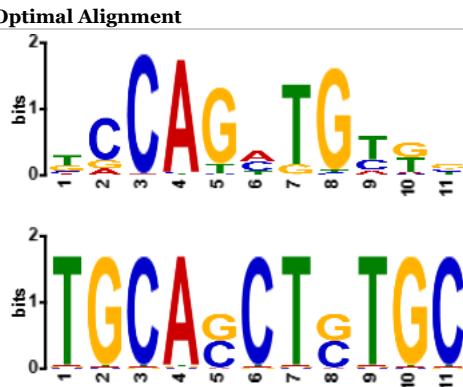
Summary

Name	MYOG_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.31e-04
<i>E</i> -value	3.73e-01
<i>q</i> -value	1.48e-01
Overlap	11
Offset	1
Orientation	Normal
Show logo download options	



Summary

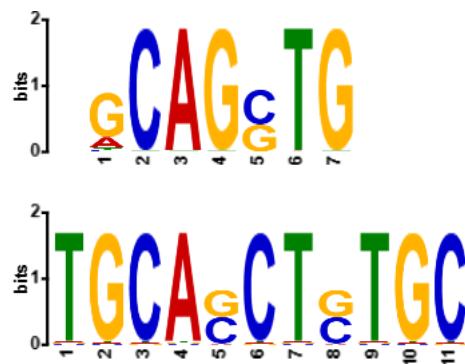
Name	ZBTB18_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.17e-03
<i>E</i> -value	4.69e-01
<i>q</i> -value	1.55e-01
Overlap	11
Offset	0
Orientation	Normal
Show logo download options	



Summary

Optimal Alignment

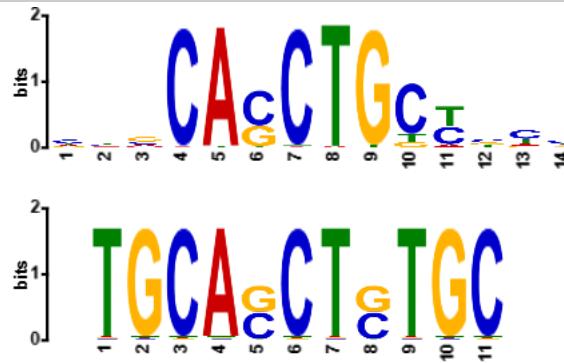
Name	MYF6_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.38e-03
<i>E</i> -value	5.54e-01
<i>q</i> -value	1.57e-01
Overlap	7
Offset	-1
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ASCL1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.74e-03
<i>E</i> -value	6.96e-01
<i>q</i> -value	1.73e-01
Overlap	11
Offset	1
Orientation	Normal
	Show logo download options

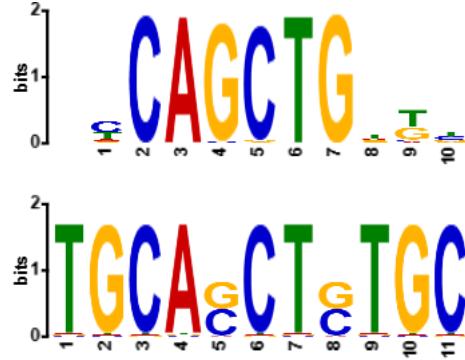
Optimal Alignment



Summary

Name	TFAP4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.10e-03
<i>E</i> -value	1.24e+00
<i>q</i> -value	2.54e-01
Overlap	10
Offset	-1
Orientation	Normal
	Show logo download options

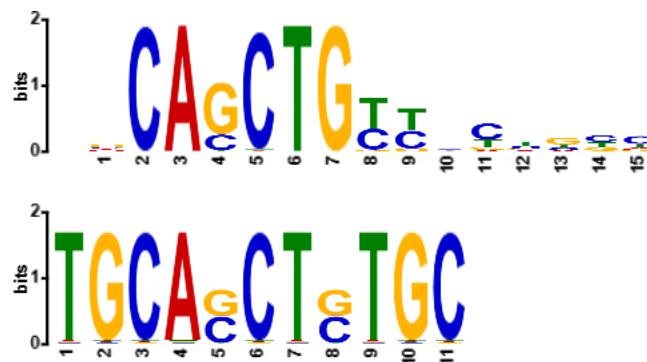
Optimal Alignment



Summary

Optimal Alignment

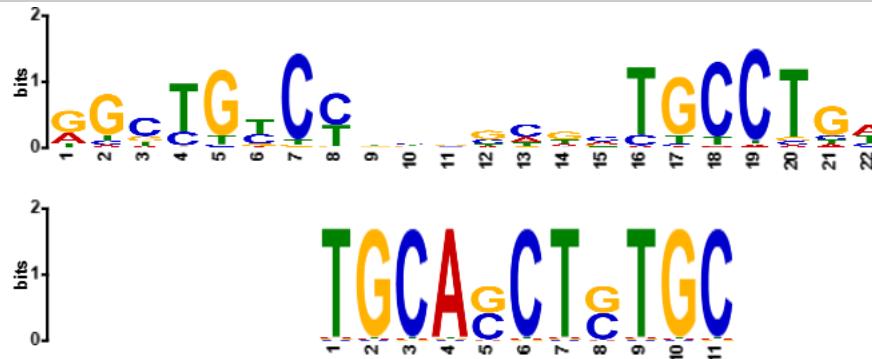
Name	MYOD1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.19e-03
<i>E</i> -value	1.28e+00
<i>q</i> -value	2.54e-01
Overlap	10
Offset	-1
Orientation	Normal
Show logo download options	



Summary

Name	ZN335_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.21e-03
<i>E</i> -value	2.89e+00
<i>q</i> -value	4.78e-01
Overlap	11
Offset	7
Orientation	Normal
Show logo download options	

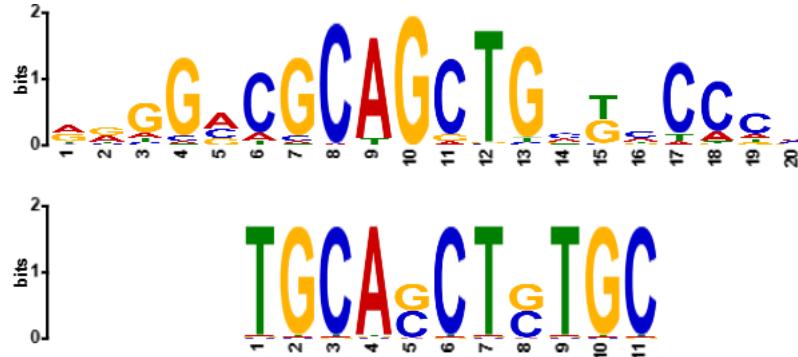
Optimal Alignment



Summary

Name	HEN1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.06e-02
<i>E</i> -value	4.23e+00
<i>q</i> -value	6.46e-01
Overlap	11
Offset	5
Orientation	Reverse Complement
Show logo download options	

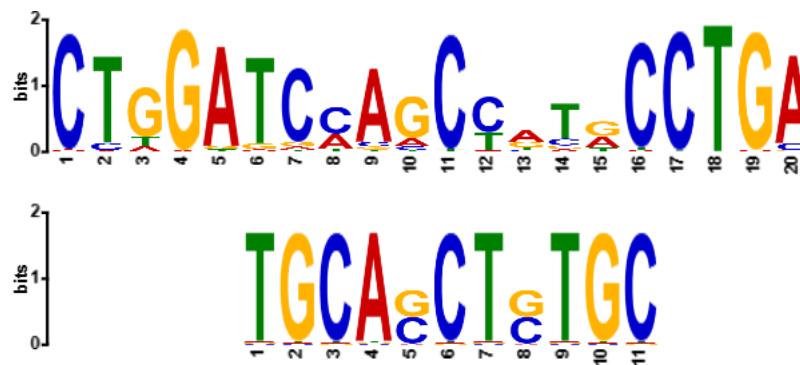
Optimal Alignment



Summary

Optimal Alignment

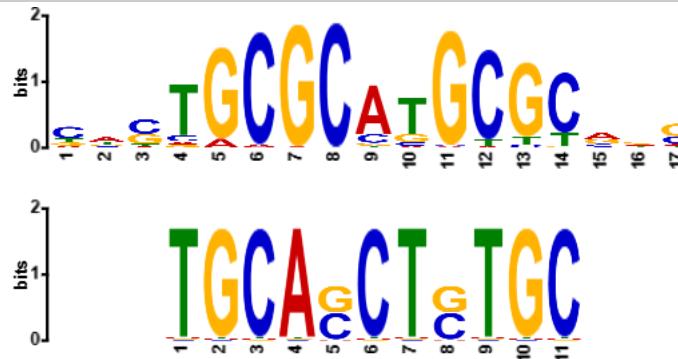
Name	ZN329_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.33e-02
<i>E</i> -value	5.35e+00
<i>q</i> -value	6.85e-01
Overlap	11
Offset	5
Orientation	Normal
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Summary

Name	NRF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.36e-02
<i>E</i> -value	5.46e+00
<i>q</i> -value	6.85e-01
Overlap	11
Offset	3
Orientation	Normal
Show logo download options	

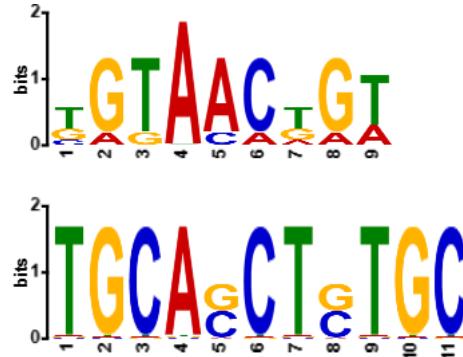
Optimal Alignment



Summary

Name	OVOL1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.38e-02
<i>E</i> -value	5.52e+00
<i>q</i> -value	6.85e-01
Overlap	9
Offset	0
Orientation	Normal
Show logo download options	

Optimal Alignment



Summary

Optimal Alignment

Name [ZSC31_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.54e-02

E-value 6.16e+00

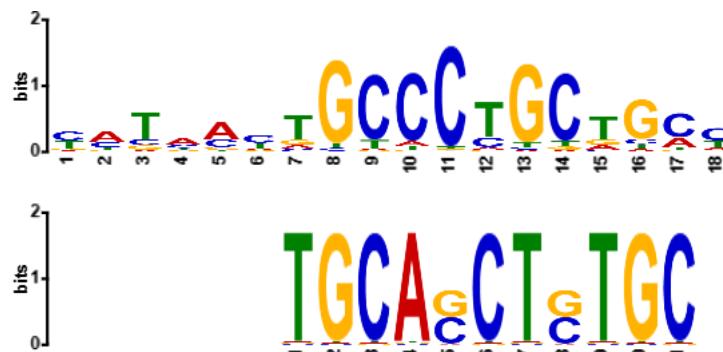
q-value 7.20e-01

Overlap 11

Offset 6

Orientation Reverse Complement

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MATCHES TO ACCGTG (MEME-19)

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Summary

Name [ZBT48_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.03e-03

E-value 8.14e-01

q-value 1.00e+00

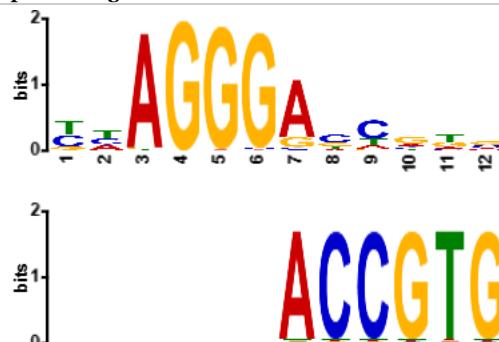
Overlap 6

Offset 6

Orientation Normal

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Optimal Alignment



Summary

Name [NFIA_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.90e-03

E-value 1.16e+00

q-value 1.00e+00

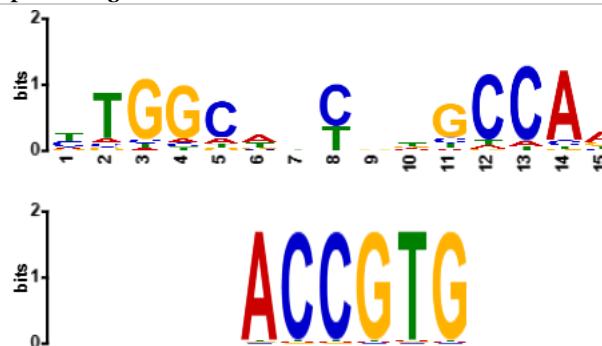
Overlap 6

Offset 5

Orientation Reverse Complement

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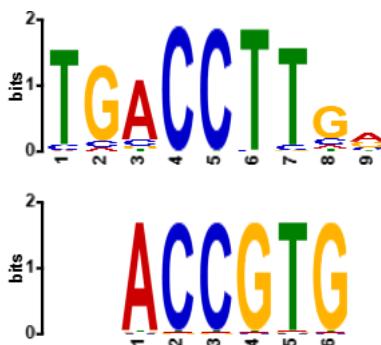
Optimal Alignment



Summary

Optimal Alignment

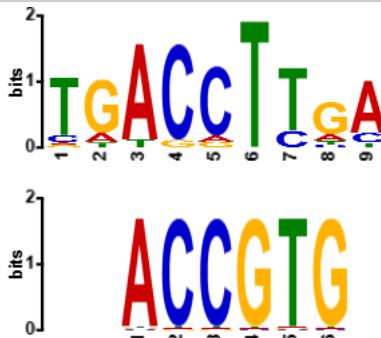
Name	ERR2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.07e-03
<i>E</i> -value	3.24e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	2
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ERR3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.99e-03
<i>E</i> -value	3.61e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	2
Orientation	Reverse Complement
	Show logo download options

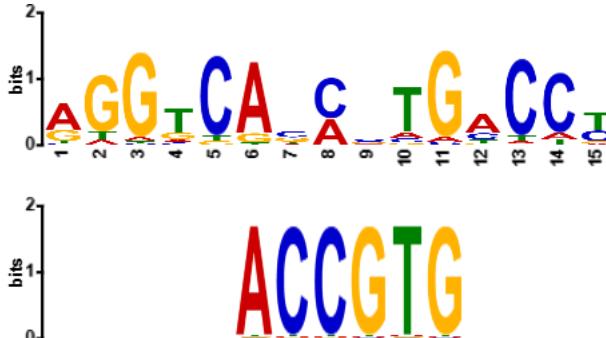
Optimal Alignment



Summary

Name	ESR1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.16e-02
<i>E</i> -value	4.64e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	5
Orientation	Normal
	Show logo download options

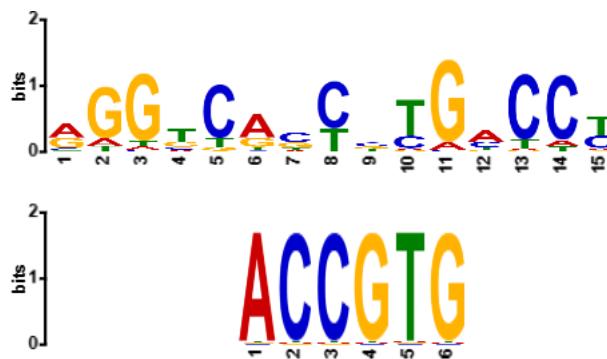
Optimal Alignment



Summary

Optimal Alignment

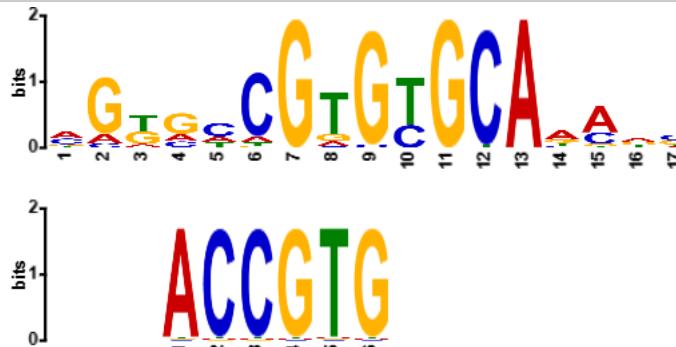
Name	ESR2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.33e-02
<i>E</i> -value	5.33e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	5
Orientation	Normal
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Summary

Name	MTF1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.52e-02
<i>E</i> -value	6.09e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	3
Orientation	Normal
	Show logo download options

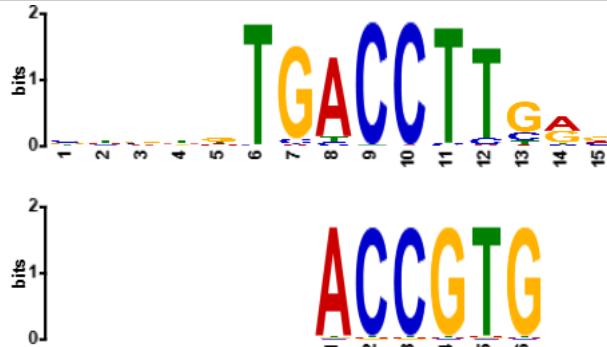
Optimal Alignment



Summary

Name	ERR1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.17e-02
<i>E</i> -value	8.70e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	7
Orientation	Reverse Complement
	Show logo download options

Optimal Alignment



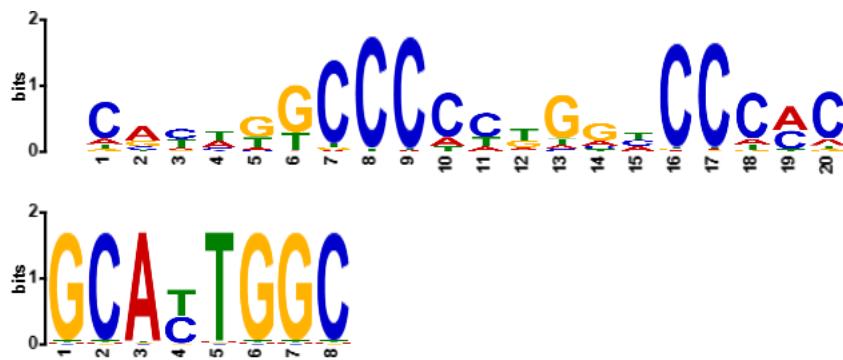
MATCHES TO GCAYTGGC (MEME-20)

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Summary

Optimal Alignment

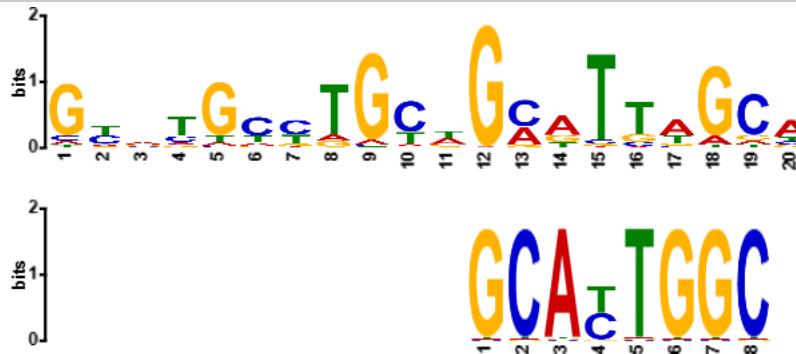
Name	ZN320_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	4.42e-03
E-value	1.77e+00
q-value	1.00e+00
Overlap	7
Offset	-1
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN547_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.28e-02
E-value	5.13e+00
q-value	1.00e+00
Overlap	8
Offset	11
Orientation	Reverse Complement
	Show logo download options

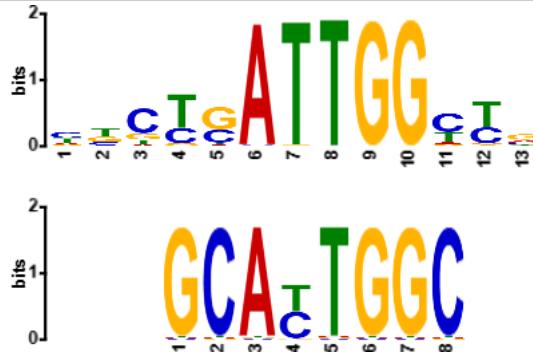
Optimal Alignment



Summary

Name	NFYB_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.87e-02
E-value	7.51e+00
q-value	1.00e+00
Overlap	8
Offset	3
Orientation	Reverse Complement
	Show logo download options

Optimal Alignment



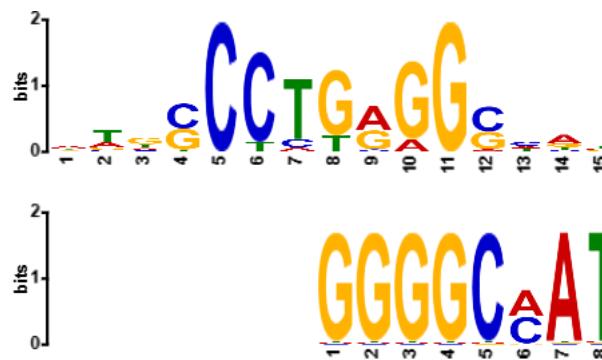
MATCHES TO GGGGCMAT (MEME-21)

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Summary

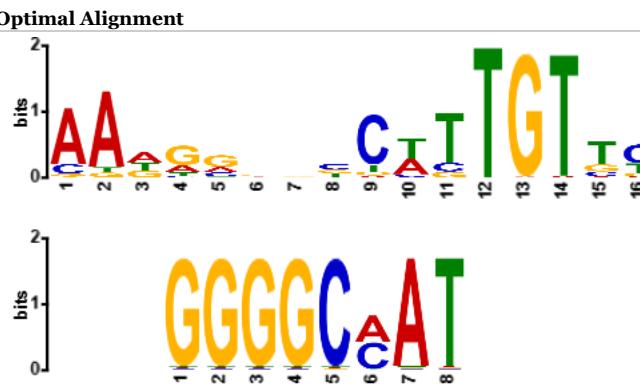
Optimal Alignment

Name	AP2A_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.18e-04
<i>E</i> -value	1.28e-01
<i>q</i> -value	2.55e-01
Overlap	8
Offset	7
Orientation	Normal
Show logo download options	



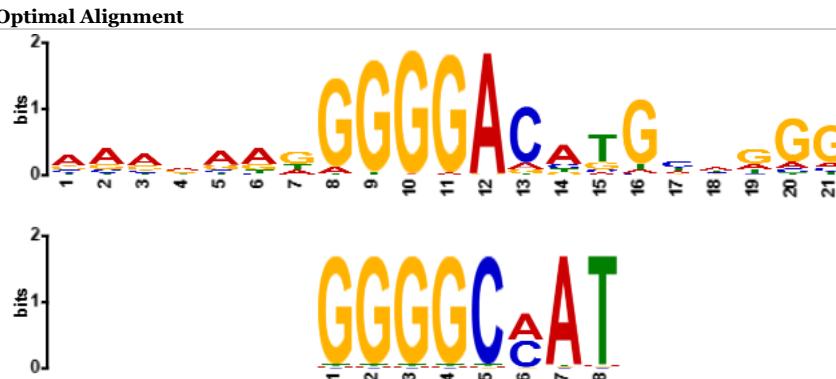
Summary

Name	SOX9_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.90e-03
<i>E</i> -value	1.16e+00
<i>q</i> -value	7.39e-01
Overlap	8
Offset	3
Orientation	Normal
Show logo download options	



Summary

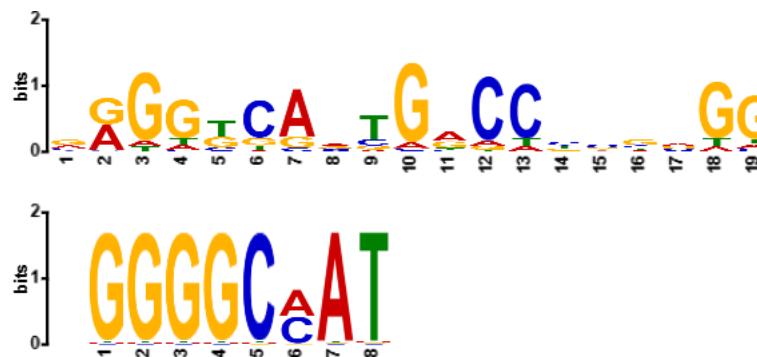
Name	ZN816_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.11e-03
<i>E</i> -value	1.25e+00
<i>q</i> -value	7.39e-01
Overlap	8
Offset	7
Orientation	Normal
Show logo download options	



Summary

Optimal Alignment

Name	NR1H4_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.16e-03
<i>E</i> -value	2.07e+00
<i>q</i> -value	7.39e-01
Overlap	8
Offset	1
Orientation	Normal
Show logo download options	



Summary

Name	ZN320_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.19e-03
<i>E</i> -value	2.08e+00
<i>q</i> -value	7.39e-01
Overlap	8
Offset	10
Orientation	Normal
Show logo download options	

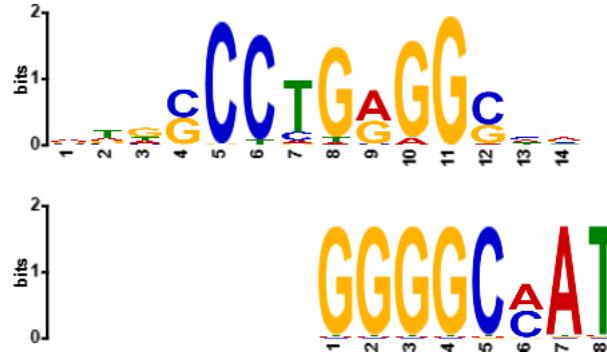
Optimal Alignment



Summary

Name	AP2C_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.74e-03
<i>E</i> -value	2.70e+00
<i>q</i> -value	7.73e-01
Overlap	7
Offset	7
Orientation	Normal
Show logo download options	

Optimal Alignment



Summary

Optimal Alignment

Name ZBT48_HUMAN.H11MO.0.C

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.26e-02

E-value 5.05e+00

q-value 9.47e-01

Overlap 8

Offset 3

Orientation Normal

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Summary

Name HXC9_HUMAN.H11MO.0.C

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.36e-02

E-value 5.44e+00

q-value 9.47e-01

Overlap 6

Offset -2

Orientation Reverse Complement

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Optimal Alignment



Summary

Name ZSC31_HUMAN.H11MO.0.C

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.39e-02

E-value 5.59e+00

q-value 9.47e-01

Overlap 8

Offset 6

Orientation Normal

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Optimal Alignment



Summary

Optimal Alignment

Name	CEBD_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.45e-02
<i>E</i> -value	5.82e+00
<i>q</i> -value	9.47e-01
Overlap	8
Offset	3
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZNF76_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.71e-02
<i>E</i> -value	6.87e+00
<i>q</i> -value	9.47e-01
Overlap	8
Offset	0
Orientation	Normal
	Show logo download options

Optimal Alignment



Summary

Name	HIC1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.74e-02
<i>E</i> -value	6.99e+00
<i>q</i> -value	9.47e-01
Overlap	7
Offset	-1
Orientation	Reverse Complement
	Show logo download options

Optimal Alignment



Summary

Optimal Alignment

Name [CEBPA_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.94e-02

E-value 7.79e+00

q-value 9.47e-01

Overlap

Offset

Orientation Normal

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Summary

Name [PPARA_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.97e-02

E-value 7.88e+00

q-value 9.47e-01

Overlap

Offset

Orientation Normal

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Optimal Alignment



Summary

Name [TYY1_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.03e-02

E-value 8.15e+00

q-value 9.47e-01

Overlap

Offset

Orientation Reverse Complement

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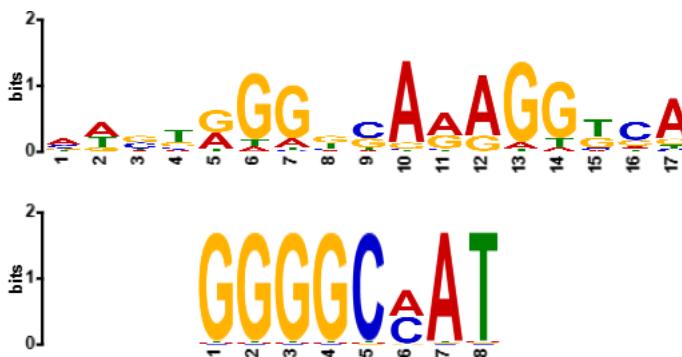
Optimal Alignment



Summary

Optimal Alignment

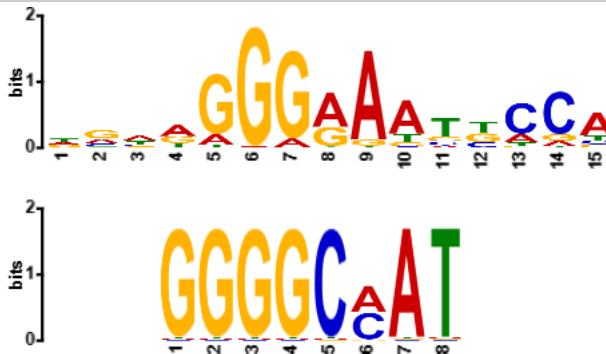
Name	PPARG_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.14e-02
<i>E</i> -value	8.56e+00
<i>q</i> -value	9.47e-01
Overlap	8
Offset	4
Orientation	Normal
	Show logo download options



Summary

Name	REL_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.31e-02
<i>E</i> -value	9.27e+00
<i>q</i> -value	9.47e-01
Overlap	8
Offset	3
Orientation	Normal
	Show logo download options

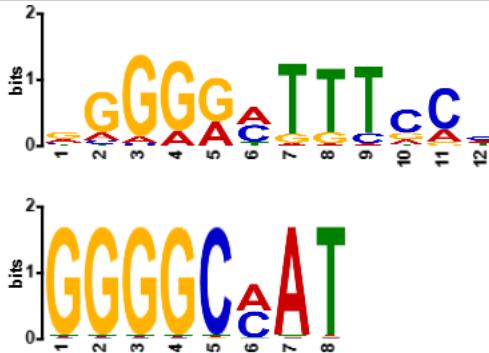
Optimal Alignment



Summary

Name	RELB_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.34e-02
<i>E</i> -value	9.38e+00
<i>q</i> -value	9.47e-01
Overlap	8
Offset	0
Orientation	Normal
	Show logo download options

Optimal Alignment



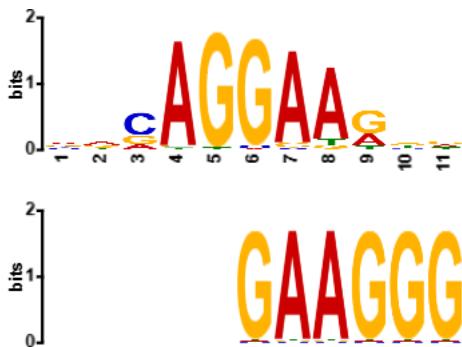
MATCHES TO GAAGGG (MEME-22)

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Optimal Alignment

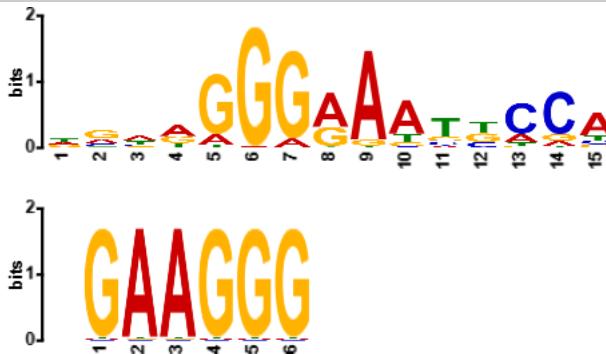
Name	ETV4_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.84e-03
<i>E</i> -value	1.14e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	5
Orientation	Normal
Show logo download options	



Summary

Name	REL_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.27e-03
<i>E</i> -value	1.31e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	1
Orientation	Normal
Show logo download options	

Optimal Alignment



Summary

Name	FLI1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.77e-03
<i>E</i> -value	1.51e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	8
Orientation	Normal
Show logo download options	

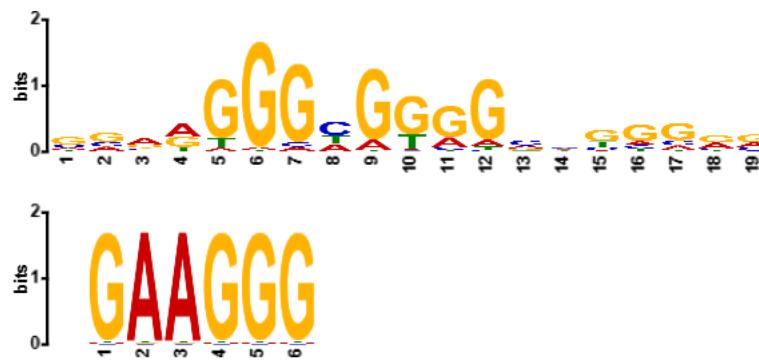
Optimal Alignment



Summary

Optimal Alignment

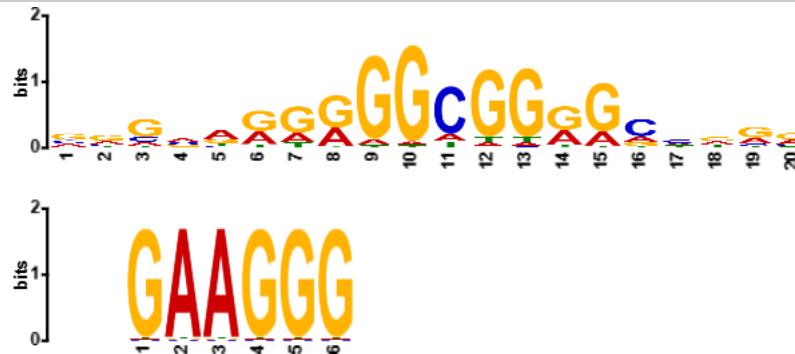
Name	KLF6_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.40e-03
<i>E</i> -value	2.17e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	1
Orientation	Normal
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Summary

Name	SP4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.49e-03
<i>E</i> -value	2.20e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	2
Orientation	Normal
Show logo download options	

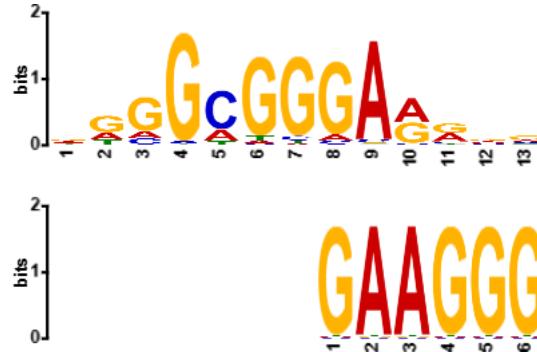
Optimal Alignment



Summary

Name	E2F6_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.50e-03
<i>E</i> -value	2.61e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	7
Orientation	Normal
Show logo download options	

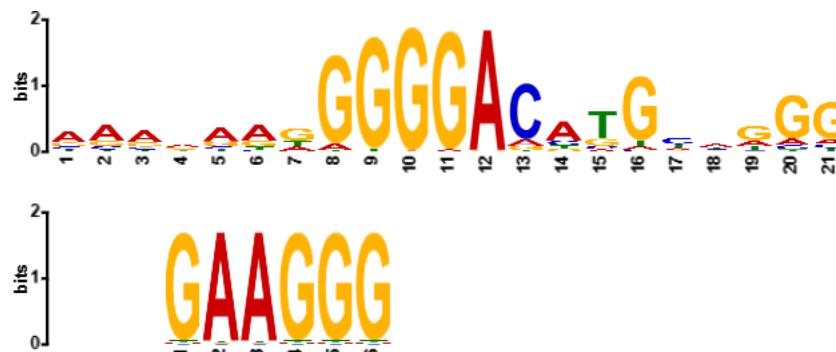
Optimal Alignment



Summary

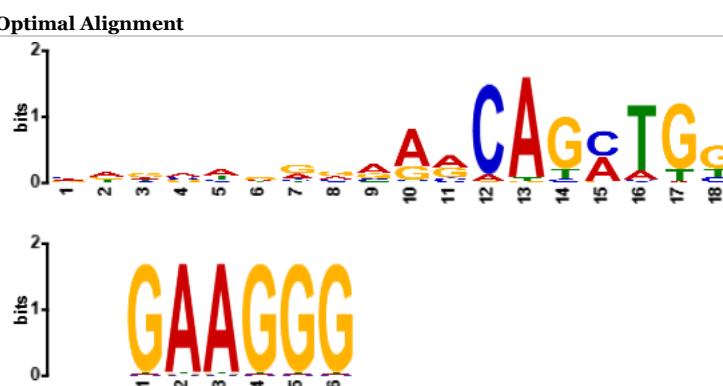
Optimal Alignment

Name	ZN816_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.12e-03
<i>E</i> -value	3.66e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	3
Orientation	Normal
Show logo download options	



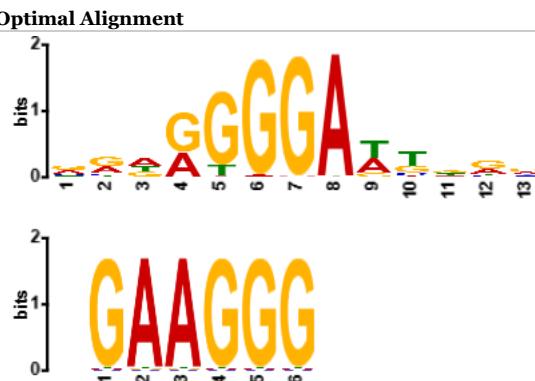
Summary

Name	OLIG2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.26e-03
<i>E</i> -value	3.71e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	2
Orientation	Reverse Complement
Show logo download options	



Summary

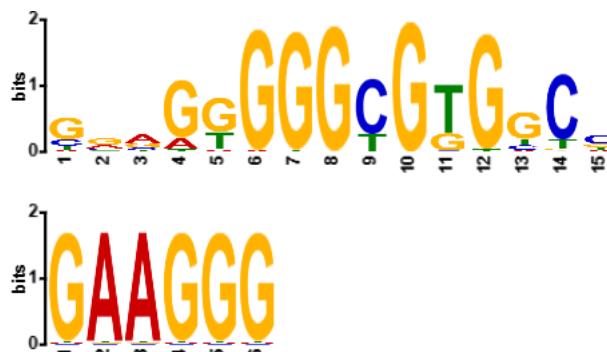
Name	MZF1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.26e-03
<i>E</i> -value	3.71e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	1
Orientation	Normal
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Summary

Optimal Alignment

Name	KLF9_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.21e-02
<i>E</i> -value	4.85e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	0
Orientation	Normal
Show logo download options	



Summary

Name	KLF15_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.24e-02
<i>E</i> -value	4.97e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	8
Orientation	Normal
Show logo download options	

Optimal Alignment



Summary

Name	ZN281_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.47e-02
<i>E</i> -value	5.90e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	8
Orientation	Normal
Show logo download options	

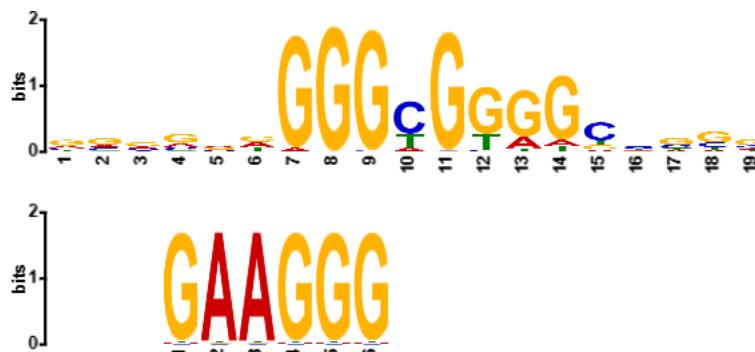
Optimal Alignment



Summary

Optimal Alignment

Name	KLF3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.54e-02
<i>E</i> -value	6.19e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	3
Orientation	Normal
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Summary

Name	ETV5_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.60e-02
<i>E</i> -value	6.40e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	6
Orientation	Normal
Show logo download options	

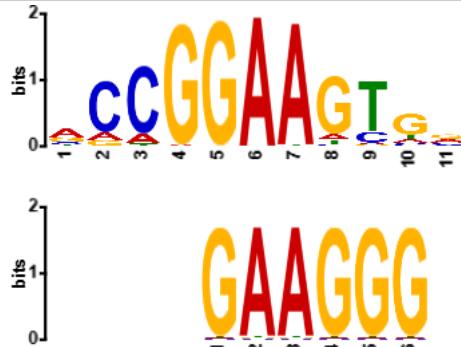
Optimal Alignment



Summary

Name	ELK1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.60e-02
<i>E</i> -value	6.43e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	4
Orientation	Normal
Show logo download options	

Optimal Alignment



Summary

Optimal Alignment

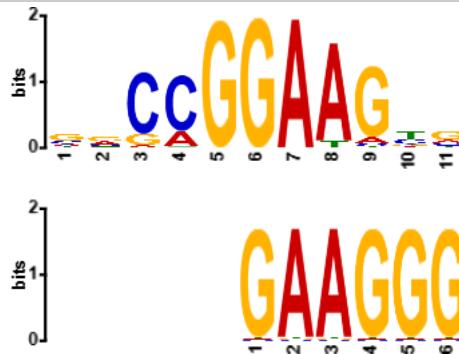
Name	IRF3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.65e-02
<i>E</i> -value	6.63e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	1
Orientation	Normal
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Summary

Name	ETV1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.75e-02
<i>E</i> -value	7.03e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	5
Orientation	Normal
Show logo download options	

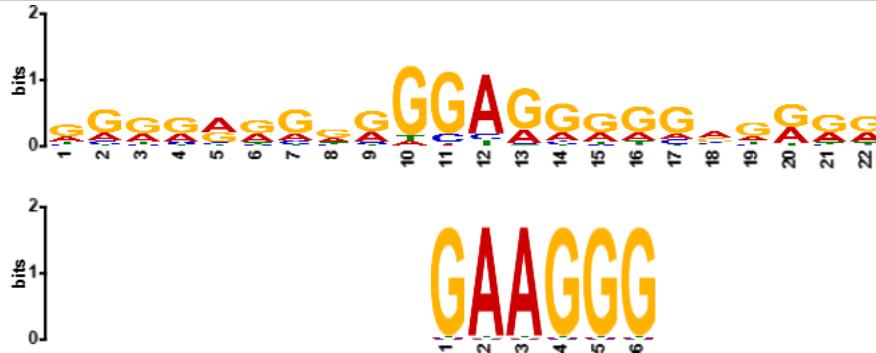
Optimal Alignment



Summary

Name	VEZF1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.96e-02
<i>E</i> -value	7.85e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	10
Orientation	Normal
Show logo download options	

Optimal Alignment



Summary

Optimal Alignment

Name [PATZ1_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.05e-02

E-value 8.21e+00

q-value 7.08e-01

Overlap

Offset

Orientation Normal

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Summary

Name [ZFP82_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.09e-02

E-value 8.38e+00

q-value 7.08e-01

Overlap

Offset

Orientation Reverse Complement

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Optimal Alignment



Summary

Name [ERG_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.11e-02

E-value 8.46e+00

q-value 7.08e-01

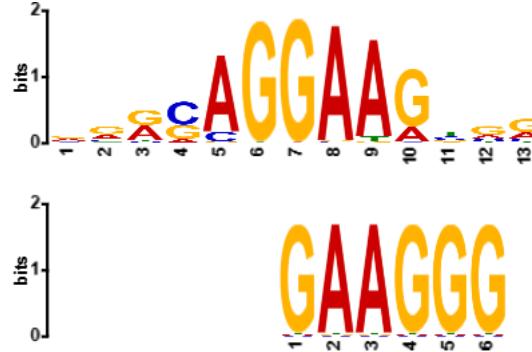
Overlap

Offset

Orientation Normal

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Optimal Alignment



Summary

Optimal Alignment

Name	ZN467_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.15e-02
<i>E</i> -value	8.61e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	8
Orientation	Normal
Show logo download options	



Summary

Name	ZBT17_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.29e-02
<i>E</i> -value	9.20e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	10
Orientation	Normal
Show logo download options	

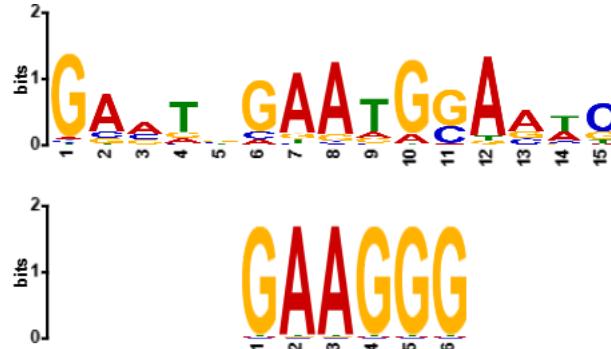
Optimal Alignment



Summary

Name	SMCA5_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.39e-02
<i>E</i> -value	9.57e+00
<i>q</i> -value	7.08e-01
Overlap	6
Offset	5
Orientation	Normal
Show logo download options	

Optimal Alignment



MATCHES TO GCTGGC (MEME-23)

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Summary

Optimal Alignment

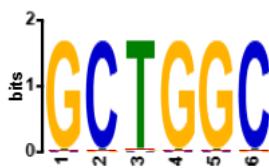
Name	ITF2_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.36e-03
<i>E</i> -value	3.35e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	4
Orientation	Normal
Show logo download options	



Summary

Name	TGIF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.10e-02
<i>E</i> -value	4.41e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	0
Orientation	Reverse Complement
Show logo download options	

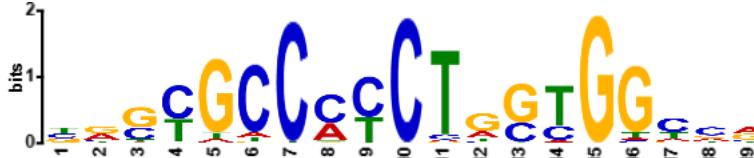
Optimal Alignment



Summary

Name	CTCF_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.29e-02
<i>E</i> -value	5.15e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	11
Orientation	Reverse Complement
Show logo download options	

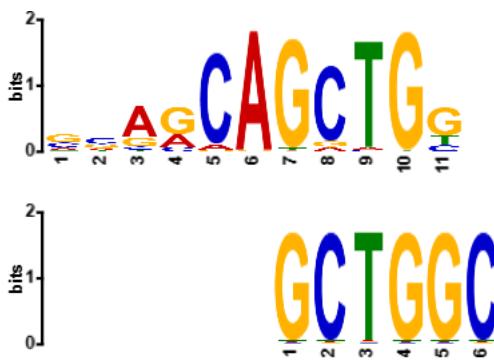
Optimal Alignment



Summary

Optimal Alignment

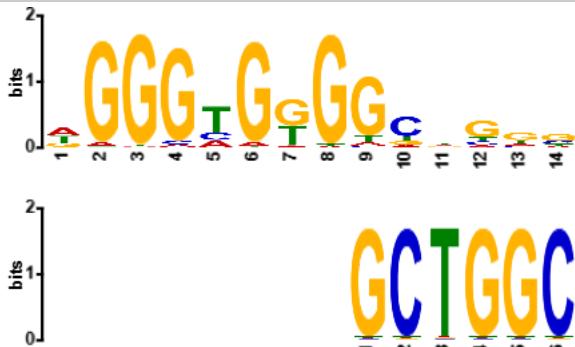
Name	BHA15_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.41e-02
<i>E</i> -value	5.67e+00
<i>q</i> -value	1.00e+00
Overlap	5
Offset	6
Orientation	Normal
Show logo download options	



Summary

Name	KLF5_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.42e-02
<i>E</i> -value	5.71e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	8
Orientation	Normal
Show logo download options	

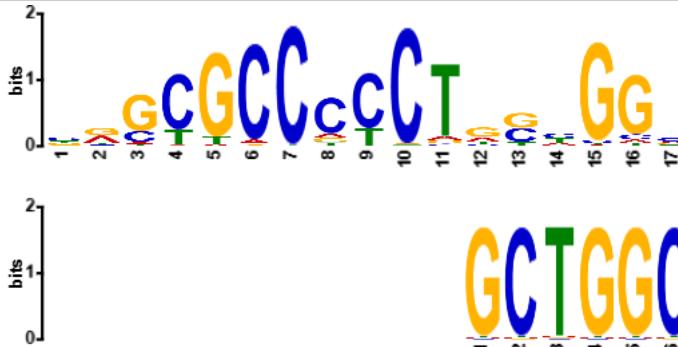
Optimal Alignment



Summary

Name	CTCF_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.43e-02
<i>E</i> -value	5.74e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	11
Orientation	Reverse Complement
Show logo download options	

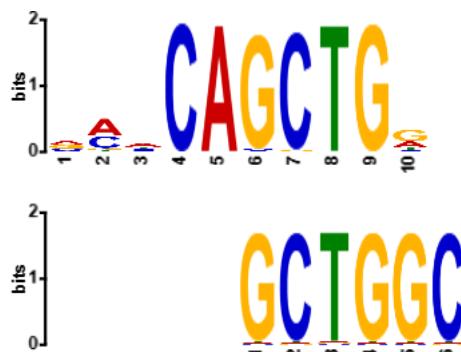
Optimal Alignment



Summary

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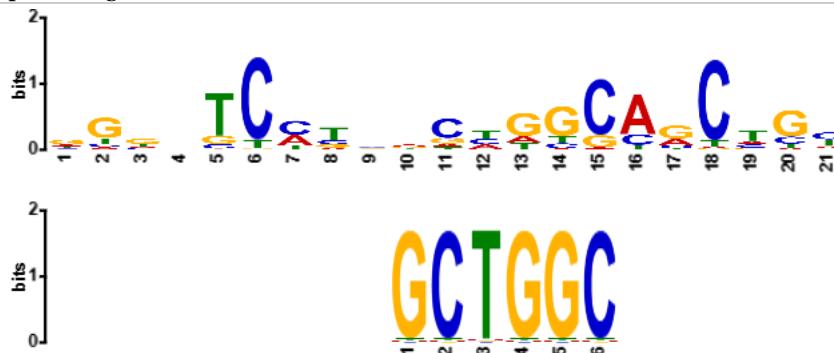
Name	TFAP4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.44e-02
<i>E</i> -value	5.77e+00
<i>q</i> -value	1.00e+00
Overlap	5
Offset	5
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN563_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.60e-02
<i>E</i> -value	6.42e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	9
Orientation	Normal
	Show logo download options

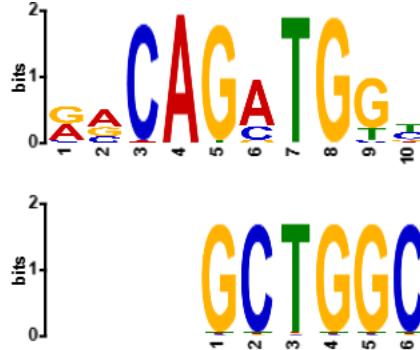
Optimal Alignment



Summary

Name	NDF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.86e-02
<i>E</i> -value	7.46e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	4
Orientation	Normal
	Show logo download options

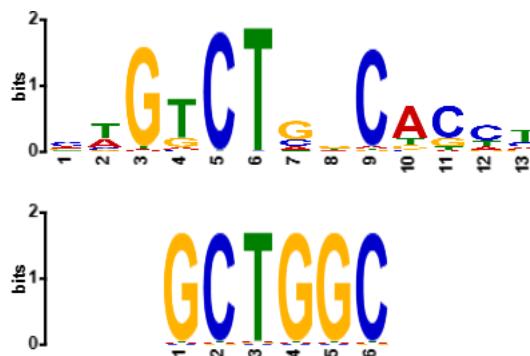
Optimal Alignment



Summary

Optimal Alignment

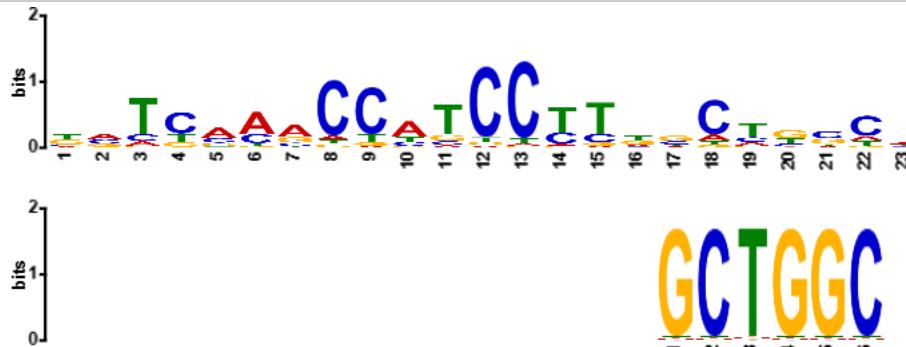
Name	SMAD4_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.87e-02
<i>E</i> -value	7.49e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	3
Orientation	Normal
Show logo download options	



Summary

Name	Z324A_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.88e-02
<i>E</i> -value	7.53e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	16
Orientation	Normal
Show logo download options	

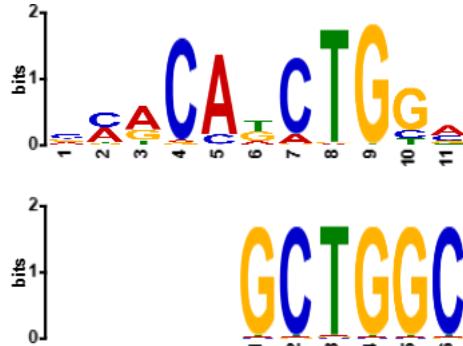
Optimal Alignment



Summary

Name	ZBT18_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.21e-02
<i>E</i> -value	8.85e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	5
Orientation	Reverse Complement
Show logo download options	

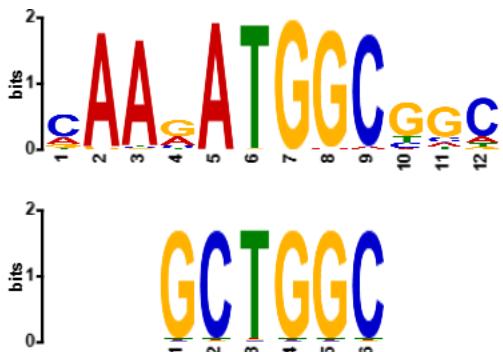
Optimal Alignment



Summary

Optimal Alignment

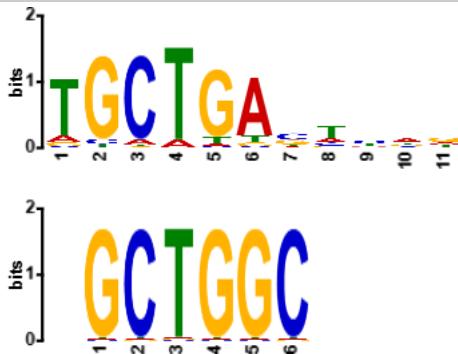
Name	TY1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.35e-02
<i>E</i> -value	9.44e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	3
Orientation	Normal
Show logo download options	



Summary

Name	MAFB_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.38e-02
<i>E</i> -value	9.56e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	1
Orientation	Normal
Show logo download options	

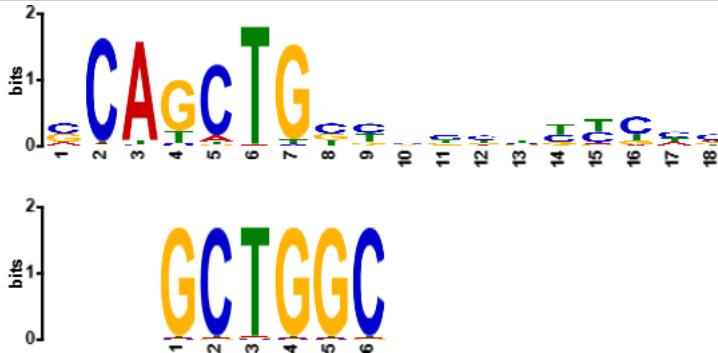
Optimal Alignment



Summary

Name	PTF1A_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.45e-02
<i>E</i> -value	9.83e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	3
Orientation	Normal
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Optimal Alignment



MATCHES TO GACRCTGG (MEME-24)

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Summary

Optimal Alignment

Name [NR1D1_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.95e-02

E-value 7.83e+00

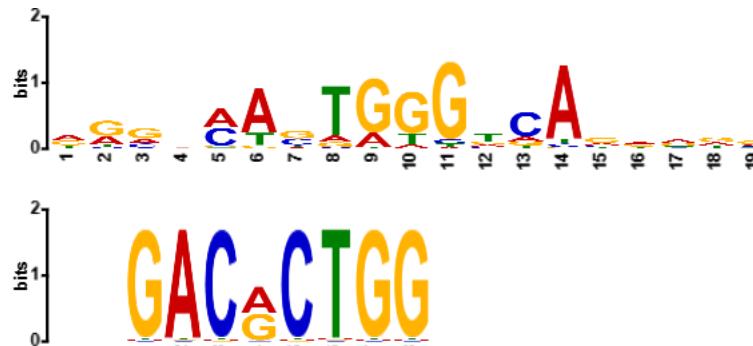
q-value 1.00e+00

Overlap 8

Offset 2

Orientation Normal

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MATCHES TO CACTGSAC (MEME-25)

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Summary

Name [NR1H3_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 3.44e-03

E-value 1.38e+00

q-value 1.00e+00

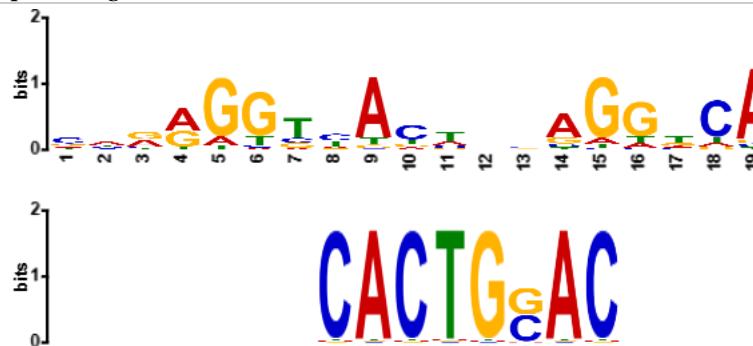
Overlap 8

Offset 7

Orientation Normal

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Summary

Name [MTF1_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 5.32e-03

E-value 2.13e+00

q-value 1.00e+00

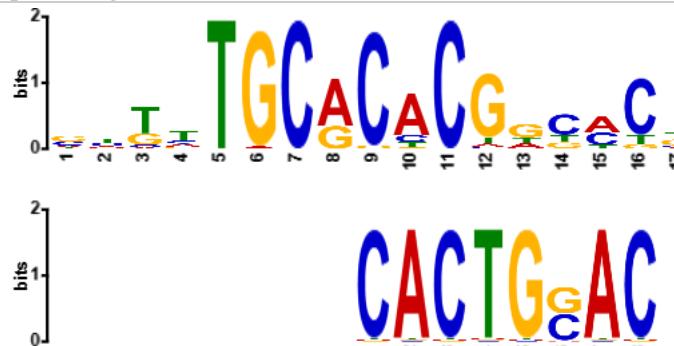
Overlap 8

Offset 8

Orientation Reverse Complement

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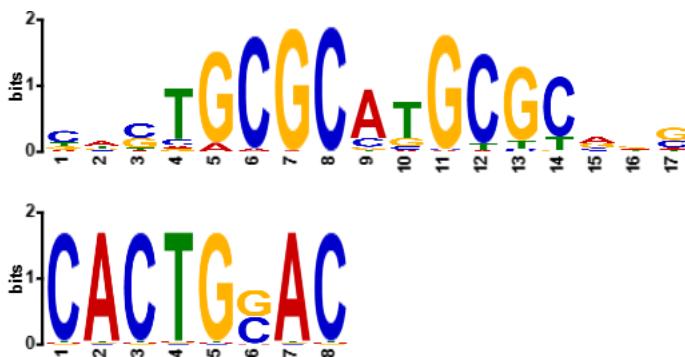
Optimal Alignment



Summary

Optimal Alignment

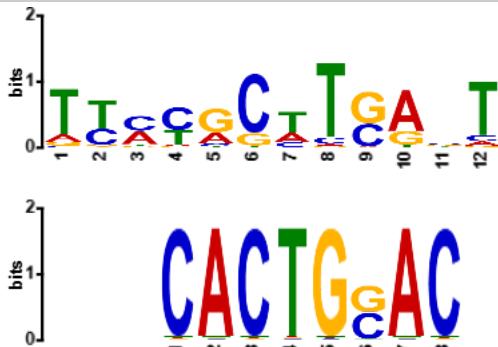
Name	NRF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.38e-03
<i>E</i> -value	2.56e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	0
Orientation	Normal
Show logo download options	



Summary

Name	PAX6_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.45e-02
<i>E</i> -value	5.80e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	3
Orientation	Normal
Show logo download options	

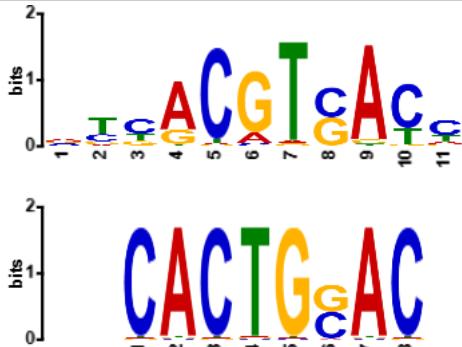
Optimal Alignment



Summary

Name	ATF3_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.52e-02
<i>E</i> -value	6.11e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	2
Orientation	Reverse Complement
Show logo download options	

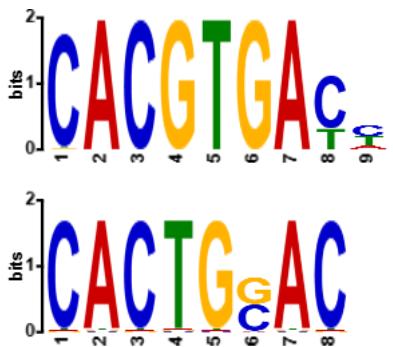
Optimal Alignment



Summary

Optimal Alignment

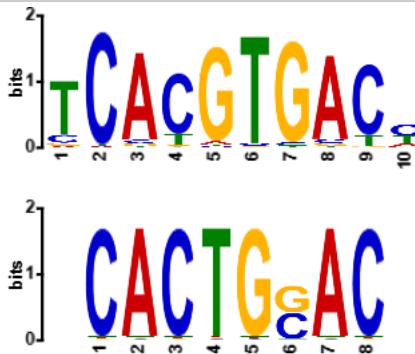
Name	TFEB_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.52e-02
<i>E</i> -value	6.11e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	0
Orientation	Reverse Complement
	Show logo download options



Summary

Name	TFE3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.68e-02
<i>E</i> -value	6.72e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	1
Orientation	Reverse Complement
	Show logo download options

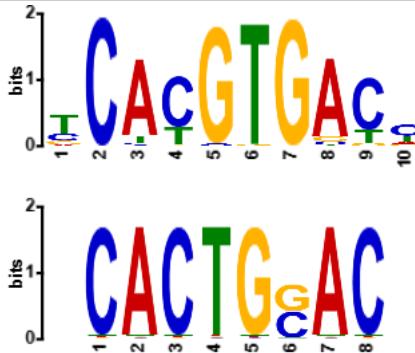
Optimal Alignment



Summary

Name	MITF_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.81e-02
<i>E</i> -value	7.25e+00
<i>q</i> -value	1.00e+00
Overlap	8
Offset	1
Orientation	Normal
	Show logo download options

Optimal Alignment



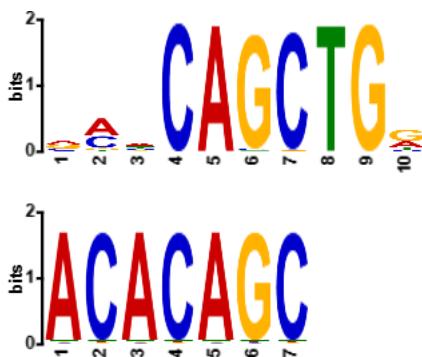
MATCHES TO ACACAGC (MEME-26)

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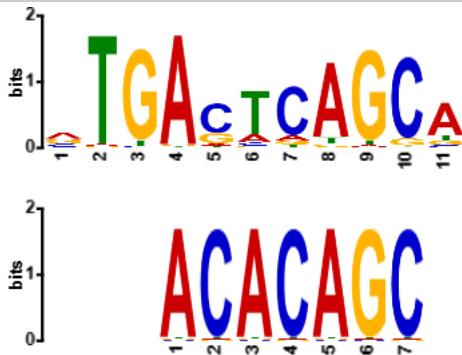
Name	TFAP4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.39e-03
<i>E</i> -value	5.56e-01
<i>q</i> -value	4.29e-01
Overlap	7
Offset	0
Orientation	Reverse Complement
	Show logo download options



Summary

Name	BACH2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.64e-03
<i>E</i> -value	6.59e-01
<i>q</i> -value	4.29e-01
Overlap	7
Offset	3
Orientation	Reverse Complement
	Show logo download options

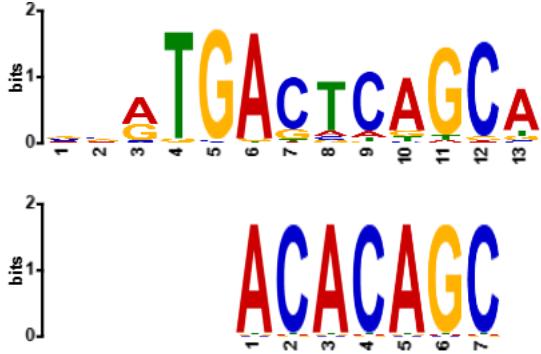
Optimal Alignment



Summary

Name	NFE2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.72e-03
<i>E</i> -value	1.09e+00
<i>q</i> -value	4.29e-01
Overlap	7
Offset	5
Orientation	Normal
	Show logo download options

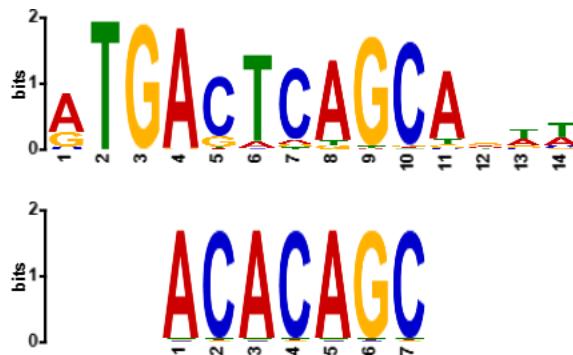
Optimal Alignment



Summary

Optimal Alignment

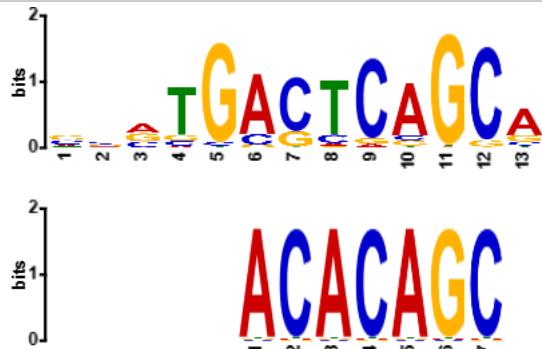
Name	NF2L2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.11e-03
<i>E</i> -value	1.25e+00
<i>q</i> -value	4.29e-01
Overlap	7
Offset	3
Orientation	Reverse Complement
	Show logo download options



Summary

Name	BACH1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.85e-03
<i>E</i> -value	1.55e+00
<i>q</i> -value	4.29e-01
Overlap	7
Offset	5
Orientation	Reverse Complement
	Show logo download options

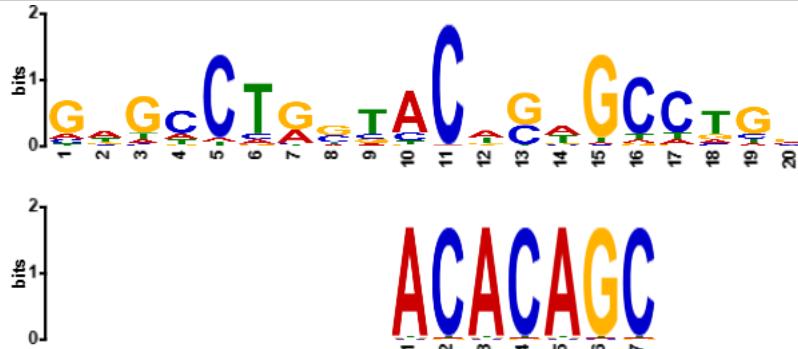
Optimal Alignment



Summary

Name	ZN322_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.60e-03
<i>E</i> -value	1.84e+00
<i>q</i> -value	4.29e-01
Overlap	7
Offset	9
Orientation	Normal
	Show logo download options

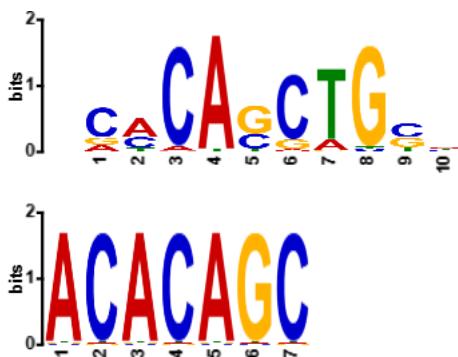
Optimal Alignment



Summary

Optimal Alignment

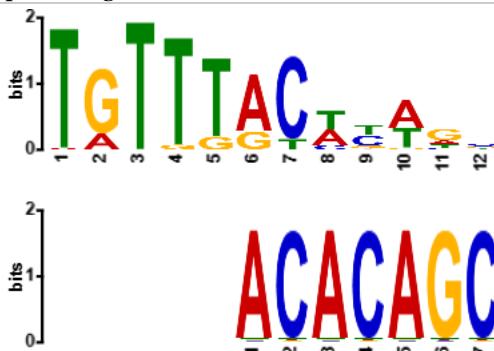
Name	HTF4_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.68e-03
<i>E</i> -value	1.88e+00
<i>q</i> -value	4.29e-01
Overlap	6
Offset	-1
Orientation	Reverse Complement
	Show logo download options



Summary

Name	FOXA2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.72e-03
<i>E</i> -value	1.89e+00
<i>q</i> -value	4.29e-01
Overlap	7
Offset	5
Orientation	Normal
	Show logo download options

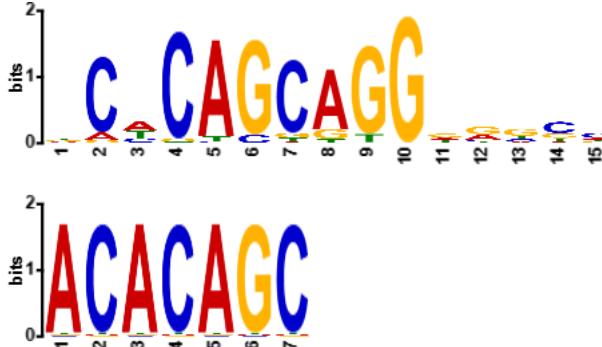
Optimal Alignment



Summary

Name	ZIC3_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.93e-03
<i>E</i> -value	1.98e+00
<i>q</i> -value	4.29e-01
Overlap	7
Offset	0
Orientation	Reverse Complement
	Show logo download options

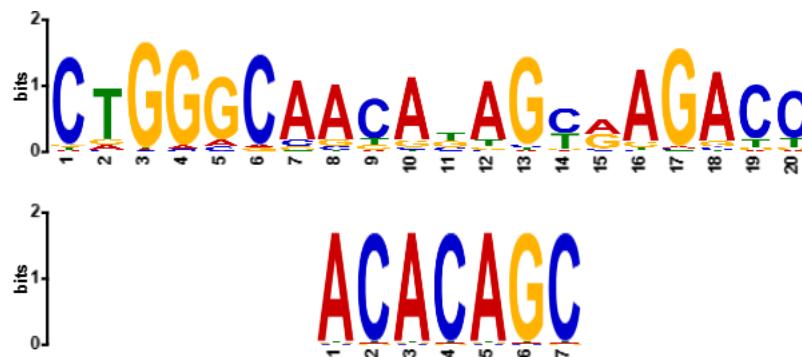
Optimal Alignment



Summary

Optimal Alignment

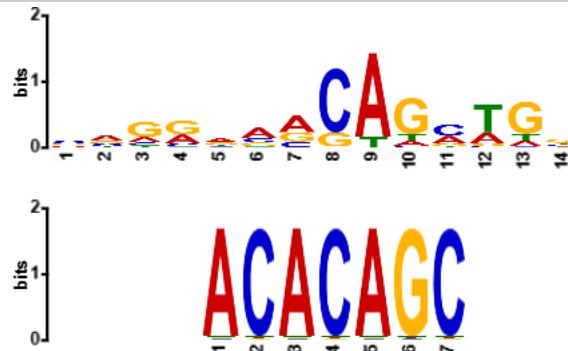
Name	ZN121_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.43e-03
<i>E</i> -value	2.18e+00
<i>q</i> -value	4.29e-01
Overlap	7
Offset	7
Orientation	Normal
Show logo download options	



Summary

Name	LYL1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.28e-03
<i>E</i> -value	2.92e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	4
Orientation	Reverse Complement
Show logo download options	

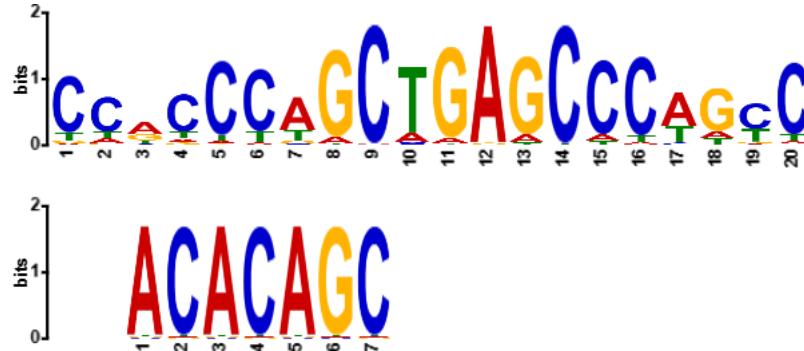
Optimal Alignment



Summary

Name	ZN331_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.07e-03
<i>E</i> -value	3.64e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	2
Orientation	Reverse Complement
Show logo download options	

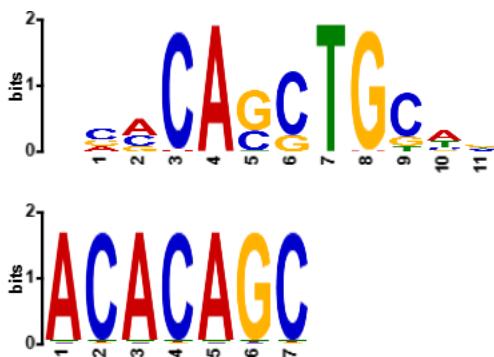
Optimal Alignment



Summary

Optimal Alignment

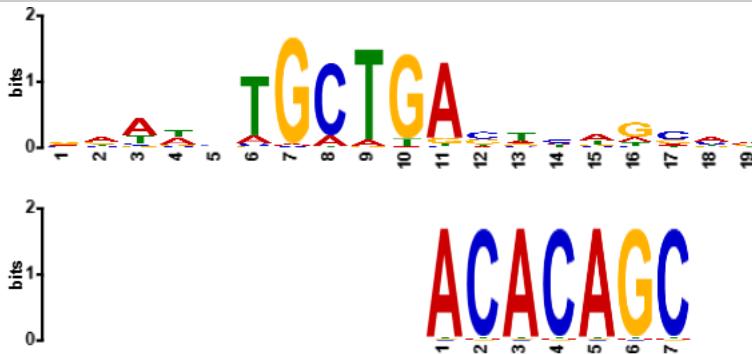
Name	TFE2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.69e-03
<i>E</i> -value	3.88e+00
<i>q</i> -value	4.70e-01
Overlap	6
Offset	-1
Orientation	Normal
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Summary

Name	MAF_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.97e-03
<i>E</i> -value	4.00e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	10
Orientation	Normal
Show logo download options	

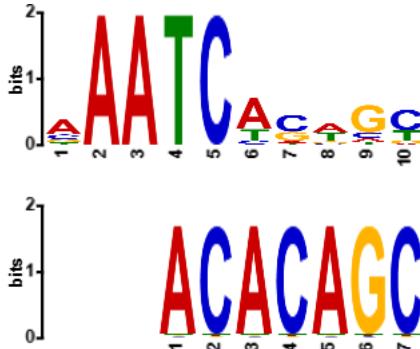
Optimal Alignment



Summary

Name	GFI1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.09e-02
<i>E</i> -value	4.36e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	3
Orientation	Reverse Complement
Show logo download options	

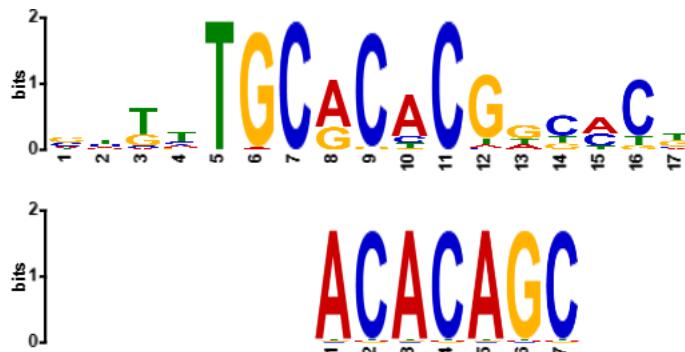
Optimal Alignment



Summary

Optimal Alignment

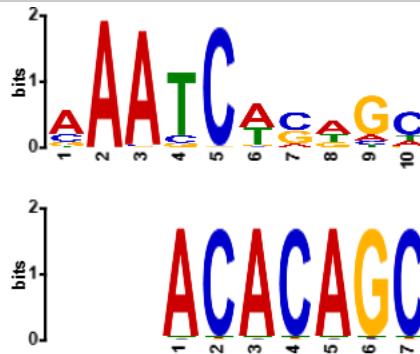
Name	MTF1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.23e-02
<i>E</i> -value	4.91e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	7
Orientation	Reverse Complement
	Show logo download options



Summary

Name	GFI1B_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.23e-02
<i>E</i> -value	4.95e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	3
Orientation	Reverse Complement
	Show logo download options

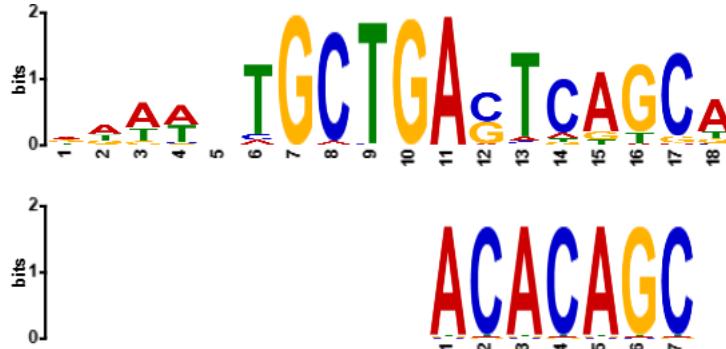
Optimal Alignment



Summary

Name	MAFG_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.25e-02
<i>E</i> -value	4.99e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	10
Orientation	Normal
	Show logo download options

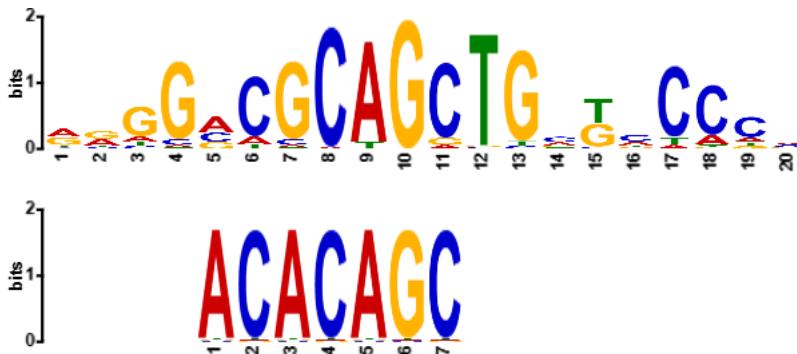
Optimal Alignment



Summary

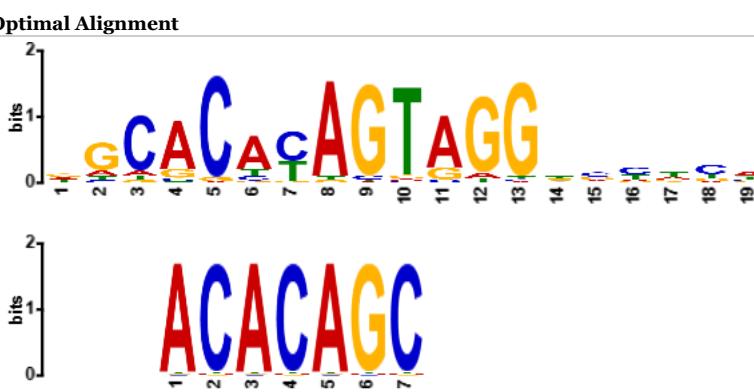
Optimal Alignment

Name	HEN1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.25e-02
<i>E</i> -value	5.02e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	4
Orientation	Reverse Complement
	Show logo download options



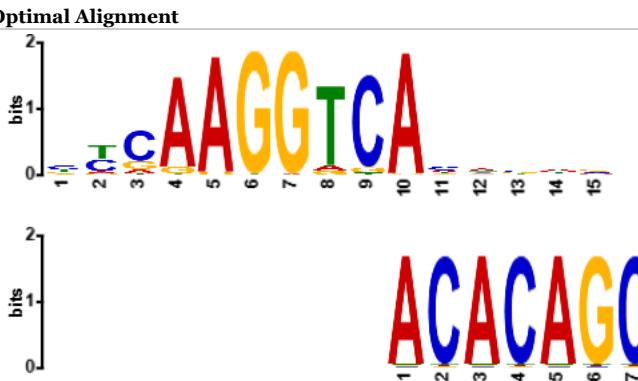
Summary

Name	ZKSC1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.25e-02
<i>E</i> -value	5.03e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	3
Orientation	Reverse Complement
	Show logo download options



Summary

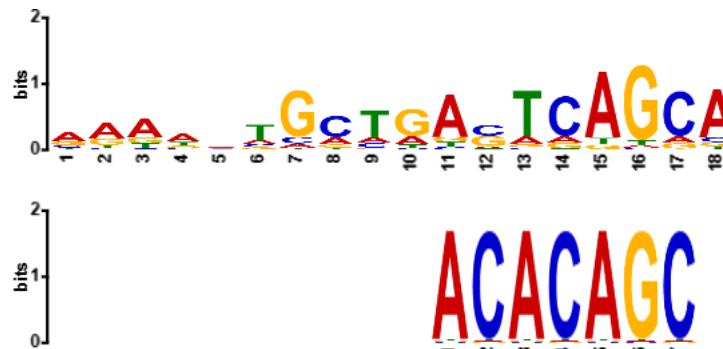
Name	ERR1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.29e-02
<i>E</i> -value	5.19e+00
<i>q</i> -value	4.70e-01
Overlap	6
Offset	9
Orientation	Normal
	Show logo download options



Summary

Optimal Alignment

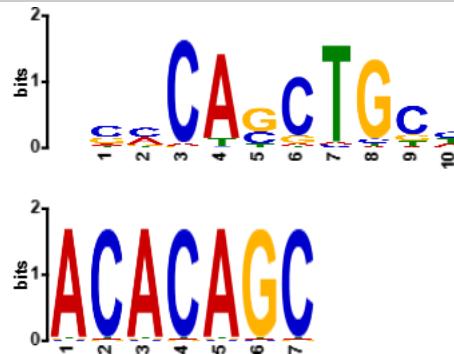
Name	MAFF_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.33e-02
<i>E</i> -value	5.35e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	10
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ITF2_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.45e-02
<i>E</i> -value	5.81e+00
<i>q</i> -value	4.70e-01
Overlap	6
Offset	-1
Orientation	Reverse Complement
	Show logo download options

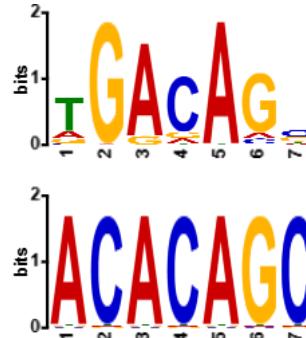
Optimal Alignment



Summary

Name	TGIF1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.48e-02
<i>E</i> -value	5.92e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	0
Orientation	Normal
	Show logo download options

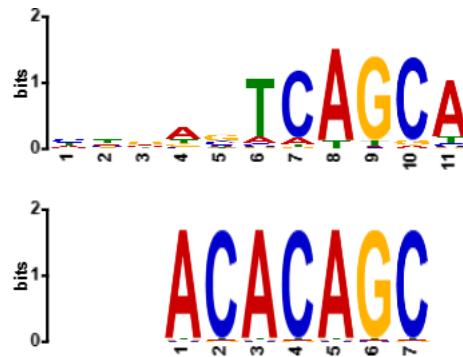
Optimal Alignment



Summary

Optimal Alignment

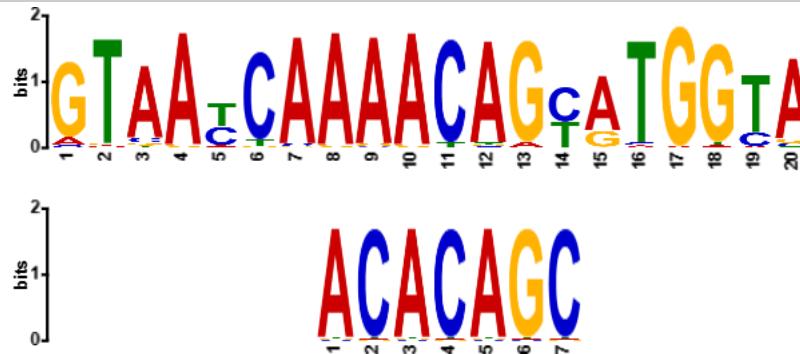
Name	MAFB_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.51e-02
<i>E</i> -value	6.07e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	3
Orientation	Reverse Complement
	Show logo download options



Summary

Name	ZN250_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.55e-02
<i>E</i> -value	6.21e+00
<i>q</i> -value	4.70e-01
Overlap	7
Offset	7
Orientation	Reverse Complement
	Show logo download options

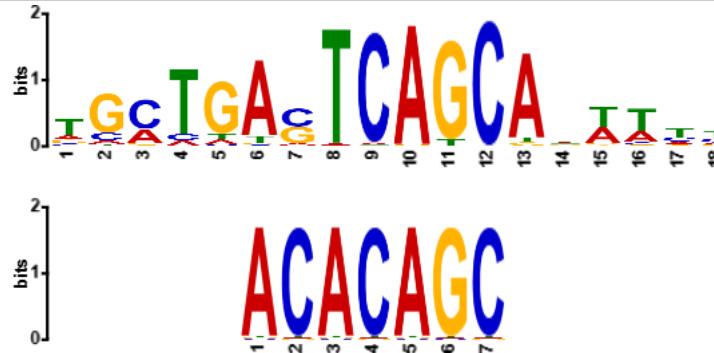
Optimal Alignment



Summary

Name	MAFK_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.61e-02
<i>E</i> -value	6.45e+00
<i>q</i> -value	4.71e-01
Overlap	7
Offset	5
Orientation	Reverse Complement
	Show logo download options

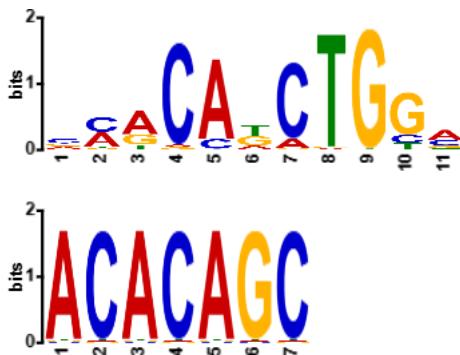
Optimal Alignment



Summary

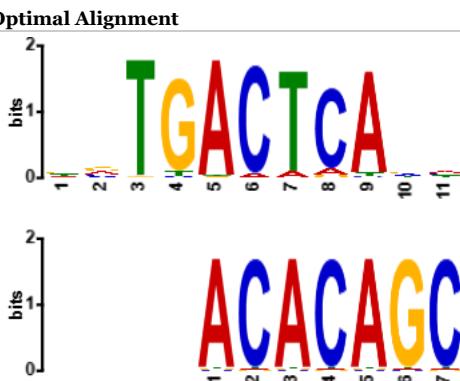
Optimal Alignment

Name	ZBT18_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.07e-02
E-value	8.31e+00
q-value	5.67e-01
Overlap	7
Offset	0
Orientation	Reverse Complement
	Show logo download options



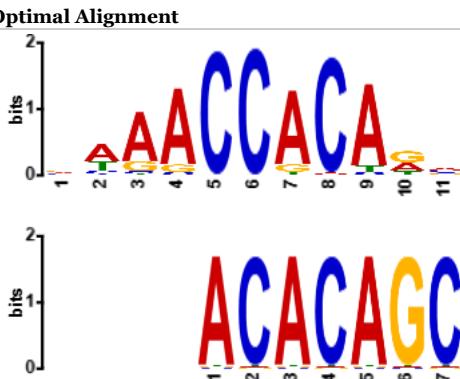
Summary

Name	JUNB_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.15e-02
E-value	8.63e+00
q-value	5.67e-01
Overlap	7
Offset	4
Orientation	Reverse Complement
	Show logo download options



Summary

Name	RUNX1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.15e-02
E-value	8.63e+00
q-value	5.67e-01
Overlap	7
Offset	4
Orientation	Reverse Complement
	Show logo download options



Summary

Optimal Alignment

Name [ZN140_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.38e-02

E-value 9.56e+00

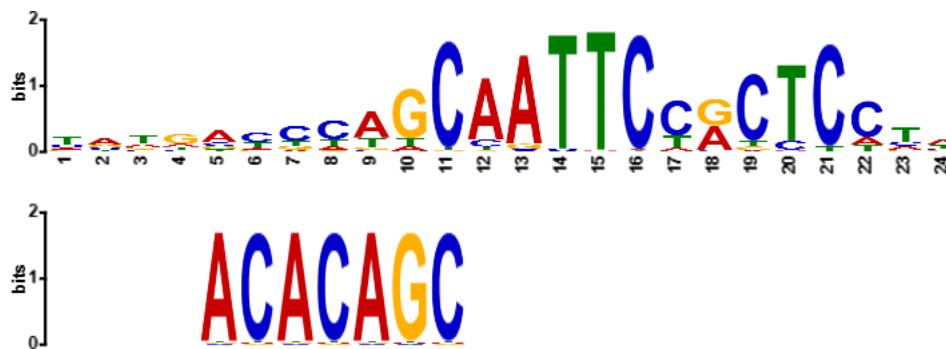
q-value 5.86e-01

Overlap 7

Offset 4

Orientation Normal

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MATCHES TO TCCAGAWCC (MEME-27)

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Summary

Name [ZBTB6_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.32e-04

E-value 9.32e-02

q-value 1.22e-01

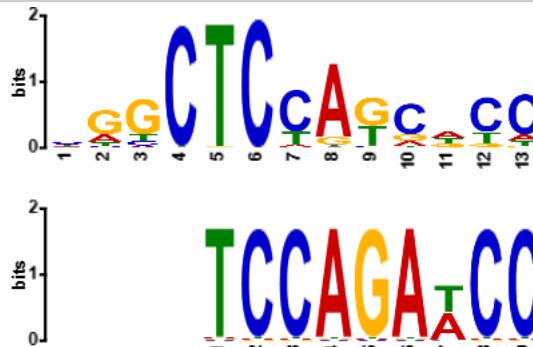
Overlap 9

Offset 4

Orientation Reverse Complement

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Optimal Alignment



Summary

Name [HSF1_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 3.04e-04

E-value 1.22e-01

q-value 1.22e-01

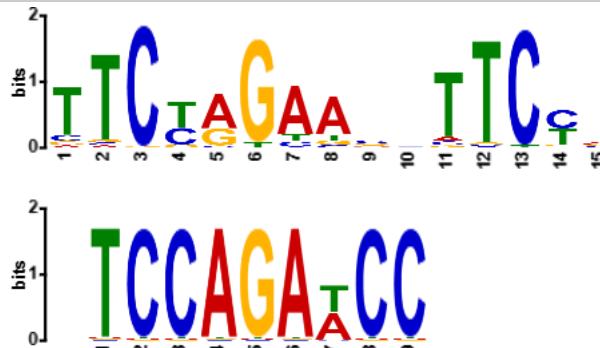
Overlap 9

Offset 1

Orientation Reverse Complement

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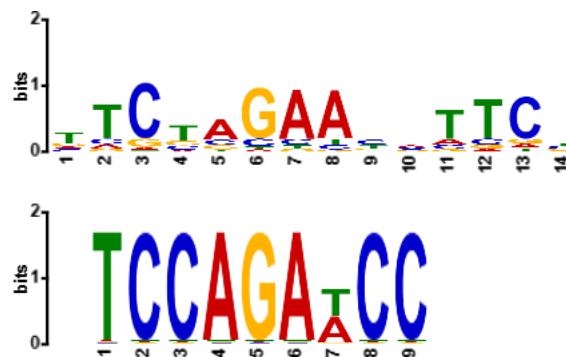
Optimal Alignment



Summary

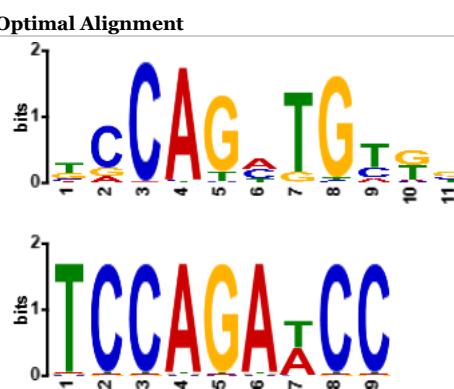
Optimal Alignment

Name	HSF2_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	3.11e-03
E-value	1.25e+00
q-value	8.32e-01
Overlap	9
Offset	1
Orientation	Reverse Complement
	Show logo download options



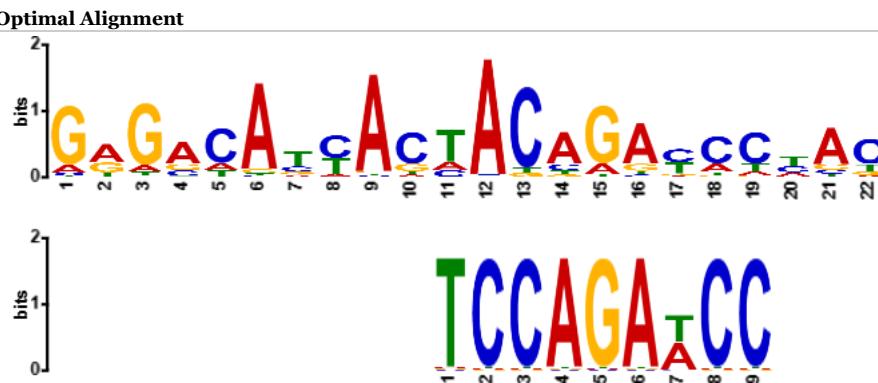
Summary

Name	ZBT18_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	5.29e-03
E-value	2.12e+00
q-value	9.41e-01
Overlap	9
Offset	0
Orientation	Normal
	Show logo download options



Summary

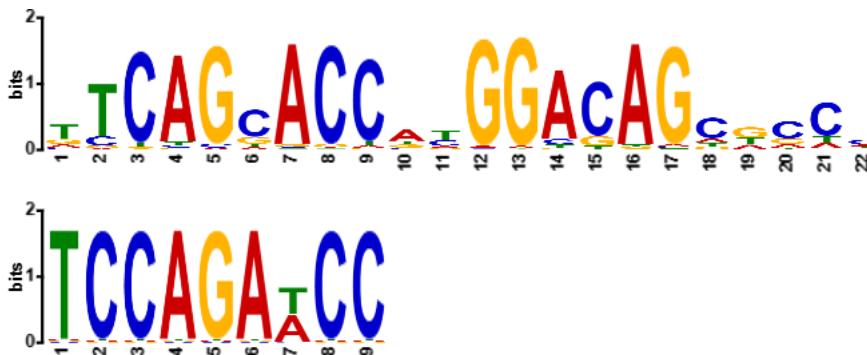
Name	ZN382_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	5.87e-03
E-value	2.35e+00
q-value	9.41e-01
Overlap	9
Offset	10
Orientation	Reverse Complement
	Show logo download options



Summary

Optimal Alignment

Name	REST_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.69e-02
<i>E</i> -value	6.78e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	0
Orientation	Normal
Show logo download options	



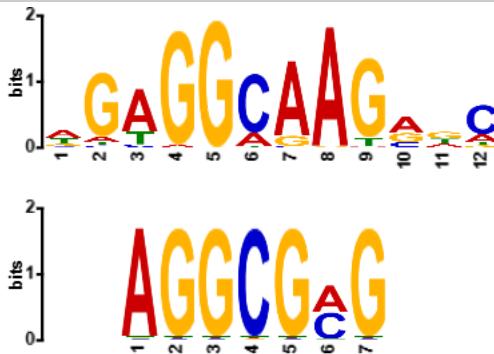
MATCHES TO AGGCGMG (MEME-28)

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Summary

Name	ZN257_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.17e-03
<i>E</i> -value	2.07e+00
<i>q</i> -value	1.00e+00
Overlap	7
Offset	2
Orientation	Reverse Complement
Show logo download options	

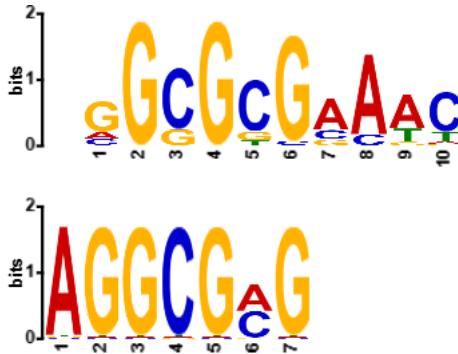
Optimal Alignment



Summary

Name	E2F2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.78e-03
<i>E</i> -value	2.72e+00
<i>q</i> -value	1.00e+00
Overlap	6
Offset	-1
Orientation	Normal
Show logo download options	

Optimal Alignment



Summary

Optimal Alignment

Name KLF12_HUMAN.H11MO.0.C

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.65e-02

E-value 6.62e+00

q-value 1.00e+00

Overlap 7

Offset 0

Orientation Normal

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Summary

Name ZN134_HUMAN.H11MO.0.C

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.77e-02

E-value 7.11e+00

q-value 1.00e+00

Overlap 7

Offset 13

Orientation Reverse Complement

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Optimal Alignment



Summary

Name ZN770_HUMAN.H11MO.0.C

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.91e-02

E-value 7.66e+00

q-value 1.00e+00

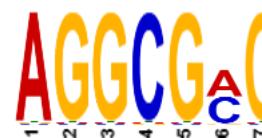
Overlap 7

Offset 9

Orientation Normal

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Optimal Alignment



Summary

Optimal Alignment

Name [E2F5_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 2.36e-02

E-value 9.44e+00

q-value 1.00e+00

Overlap 7

Offset 3

Orientation Reverse Complement

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MATCHES TO GGTAGAT (MEME-29)

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Summary

Name [ZNF8_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.24e-02

E-value 4.96e+00

q-value 1.00e+00

Overlap 7

Offset 3

Orientation Normal

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Optimal Alignment



Summary

Name [ATOH1_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11_core_HUMAN_mono_meme_format

p-value 1.60e-02

E-value 6.43e+00

q-value 1.00e+00

Overlap 7

Offset 0

Orientation Normal

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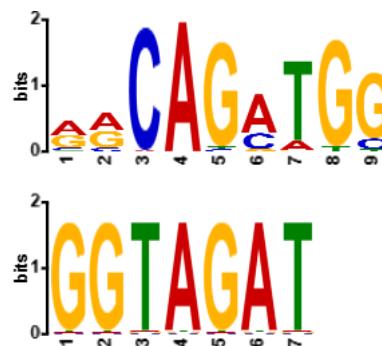
Optimal Alignment



Summary

Optimal Alignment

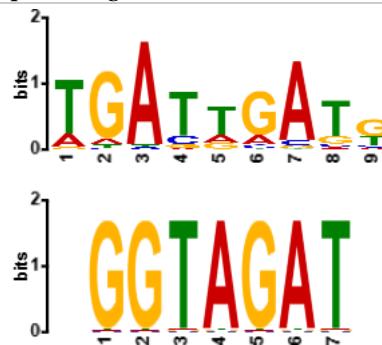
Name	NDF2_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.67e-02
<i>E</i> -value	6.68e+00
<i>q</i> -value	1.00e+00
Overlap	7
Offset	0
Orientation	Normal
Show logo download options	



Summary

Name	PDX1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.04e-02
<i>E</i> -value	8.16e+00
<i>q</i> -value	1.00e+00
Overlap	7
Offset	1
Orientation	Normal
Show logo download options	

Optimal Alignment



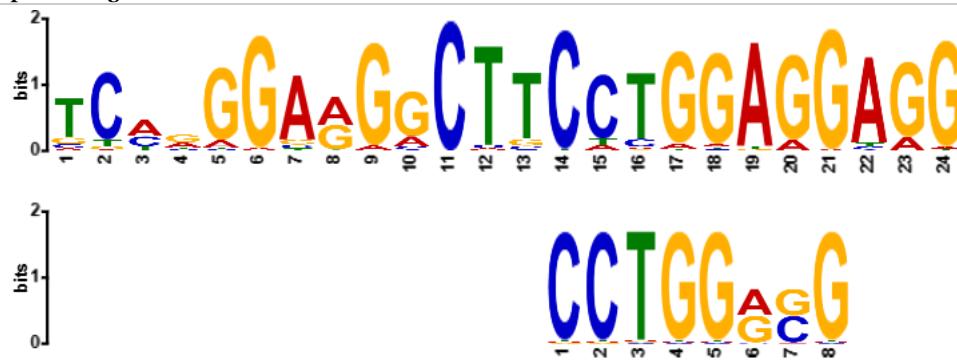
MATCHES TO CCTGGGRSG (MEME-30)

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Summary

Name	ZN436_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.51e-04
<i>E</i> -value	1.81e-01
<i>q</i> -value	3.61e-01
Overlap	8
Offset	13
Orientation	Normal
Show logo download options	

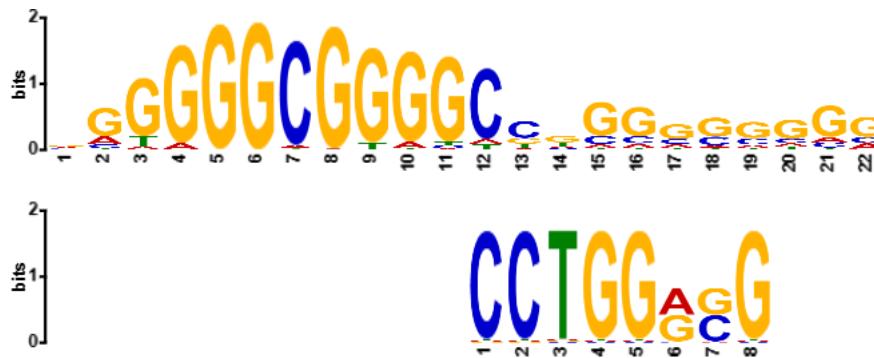
Optimal Alignment



Summary

Optimal Alignment

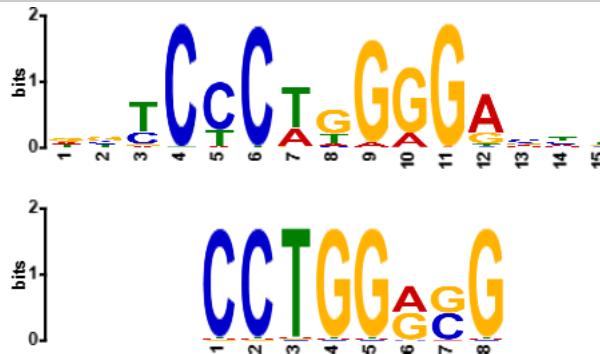
Name	SP1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.04e-03
<i>E</i> -value	8.16e-01
<i>q</i> -value	6.61e-01
Overlap	8
Offset	11
Orientation	Normal
Show logo download options	



Summary

Name	COE1_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.76e-03
<i>E</i> -value	1.51e+00
<i>q</i> -value	6.61e-01
Overlap	8
Offset	4
Orientation	Reverse Complement
Show logo download options	

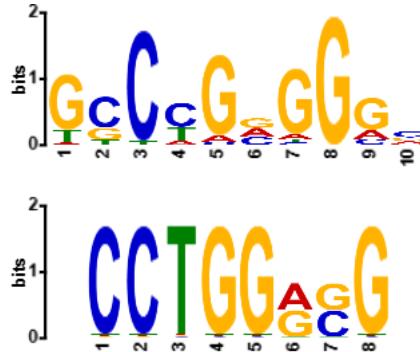
Optimal Alignment



Summary

Name	AP2B_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.10e-03
<i>E</i> -value	1.64e+00
<i>q</i> -value	6.61e-01
Overlap	8
Offset	1
Orientation	Normal
Show logo download options	

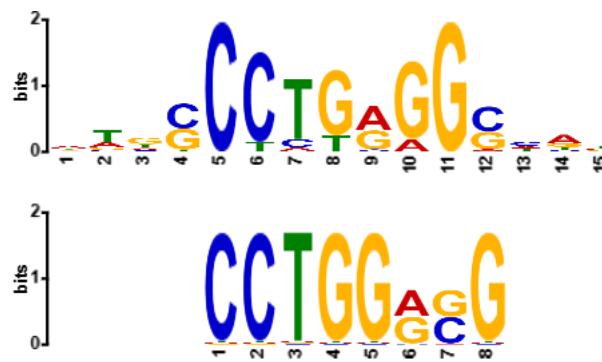
Optimal Alignment



Summary

Optimal Alignment

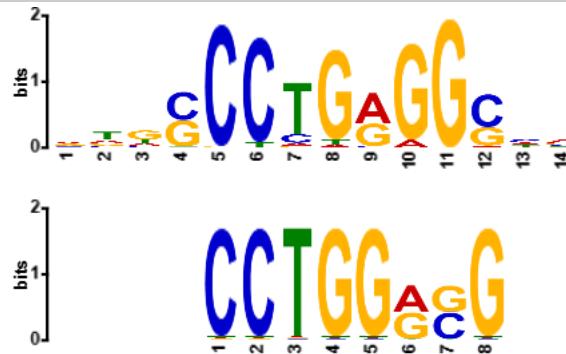
Name	AP2A_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.13e-03
<i>E</i> -value	1.65e+00
<i>q</i> -value	6.61e-01
Overlap	8
Offset	4
Orientation	Normal
	Show logo download options



Summary

Name	AP2C_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.76e-03
<i>E</i> -value	2.31e+00
<i>q</i> -value	7.69e-01
Overlap	8
Offset	4
Orientation	Normal
	Show logo download options

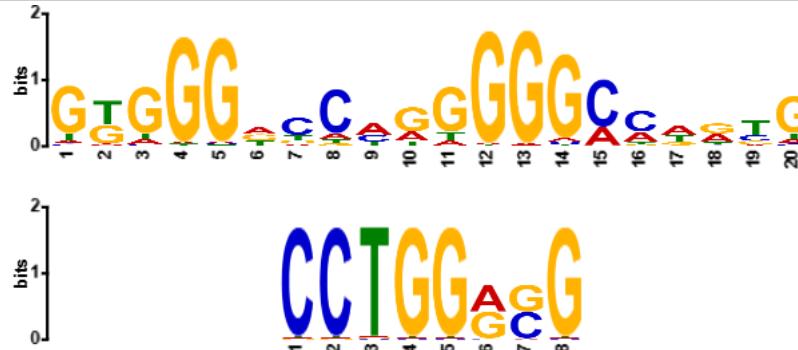
Optimal Alignment



Summary

Name	ZN320_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.15e-02
<i>E</i> -value	4.62e+00
<i>q</i> -value	9.99e-01
Overlap	8
Offset	6
Orientation	Normal
	Show logo download options

Optimal Alignment



Summary

Optimal Alignment

Name	SNAI1_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.47e-02
E-value	5.89e+00
q-value	9.99e-01
Overlap	5
Offset	3
Orientation	Reverse Complement
	Show logo download options



Summary

Name	MECP2_HUMAN.H11MO.0.C
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.78e-02
E-value	7.15e+00
q-value	9.99e-01
Overlap	7
Offset	0
Orientation	Normal
	Show logo download options

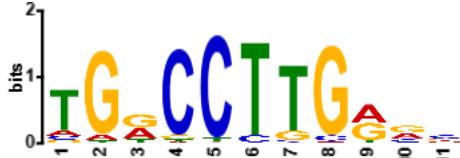
Optimal Alignment



Summary

Name	STF1_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.83e-02
E-value	7.32e+00
q-value	9.99e-01
Overlap	8
Offset	3
Orientation	Reverse Complement
	Show logo download options

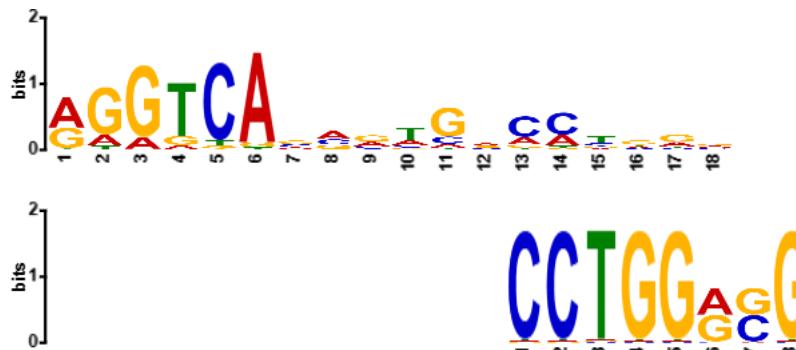
Optimal Alignment



Summary

Optimal Alignment

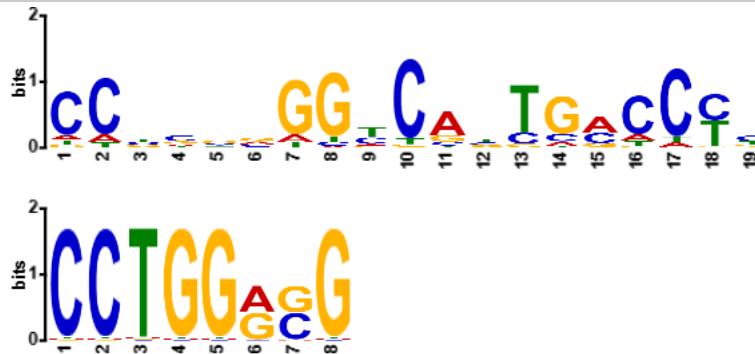
Name	RARG_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.34e-02
<i>E</i> -value	9.39e+00
<i>q</i> -value	9.99e-01
Overlap	6
Offset	12
Orientation	Normal
Show logo download options	



Summary

Name	NR1H4_HUMAN.H11MO.0.B
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.38e-02
<i>E</i> -value	9.53e+00
<i>q</i> -value	9.99e-01
Overlap	8
Offset	0
Orientation	Reverse Complement
Show logo download options	

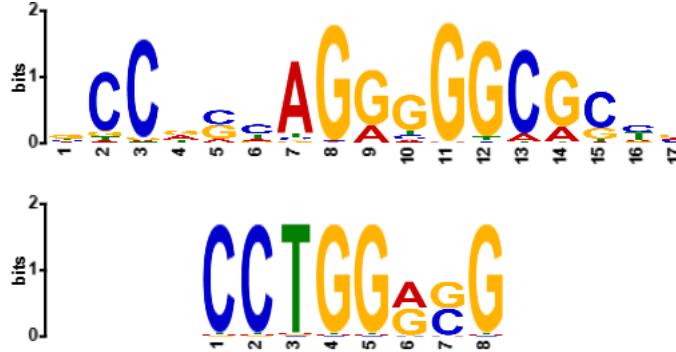
Optimal Alignment



Summary

Name	CTCFL_HUMAN.H11MO.0.A
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.44e-02
<i>E</i> -value	9.78e+00
<i>q</i> -value	9.99e-01
Overlap	8
Offset	4
Orientation	Normal
Show logo download options	

Optimal Alignment



SETTINGS

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Alphabet

Source: the query file

Name	Bg.	Bg.	Name
Adenine	0.256	A	Thymine
Cytosine	0.244	C	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.

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Tomtom version

5.5.8 (Release date: Thu May 15 15:01:46 2025 -0700)

Reference

Shobhit Gupta, JA Stamatoyannopolous, Timothy Bailey and William Stafford Noble, "Quantifying similarity between motifs", *Genome Biology*, 8(2):R24, 2007. [\[full text\]](#)

Command line

```
tomtom -no-ssc -oc . -verbosity 1 -min-overlap 5 -dist pearson -evalue -thresh 10.0 SLE_meme.txt db/HUMAN/HOCOMOCOv11_core_HUMAN_mono_meme_format.meme
```

Result calculation took 73.488 seconds