



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
SS_meme.txt	AAAAAMAAAAAARAAAARAVAWNAARAAA	MEME-1		41	<a href="#">PRDM6_HUMAN.H11MO.0.C</a> , <a href="#">IRF1_HUMAN.H11MO.0.A</a> ,
SS_meme.txt	AAACCCADCVCGAACBAGRAHGAHAVTTWCCTTGTTCAWCCAKTCCHBA	MEME-28		10	<a href="#">ZN331_HUMAN.H11MO.0.C</a> , <a href="#">ZN329_HUMAN.H11MO.0.C</a> ,
SS_meme.txt	AAAGVYGRGCCDBTCCWGTCTTCCAGCYAHGTDCAAAR	MEME-8		24	<a href="#">ETS1_HUMAN.H11MO.0.A</a> , <a href="#">ETV2_HUMAN.H11MO.0.B</a> ,
SS_meme.txt	AAMTTWGKCCVGGCRYGGTGGCTCACGCCCTGTAATCCCAGC	MEME-11		12	<a href="#">FOS_HUMAN.H11MO.0.A</a> , <a href="#">GFI1_HUMAN.H11MO.0.C</a> ,
SS_meme.txt	ACYMWGCMKTGGSYGCSKCGKGRAWYMRGTGCWAMKCARRGG	MEME-6		11	<a href="#">KLF1_HUMAN.H11MO.0.A</a> , <a href="#">KLF5_HUMAN.H11MO.0.A</a> ,
SS_meme.txt	AKNYAAGRGMRAASNCRGTCATGKGYWKVKWRAMSCMWRHWGAKGRA	MEME-20		23	<a href="#">TFEB_HUMAN.H11MO.0.C</a> , <a href="#">NF2L1_HUMAN.H11MO.0.C</a> ,
SS_meme.txt	AMAYTTTYATRTAAAAGGAACCTACGAACKGCAATTAAATTYAAAGACA	MEME-4		10	<a href="#">NKX61_HUMAN.H11MO.0.B</a> , <a href="#">ZFP82_HUMAN.H11MO.0.C</a> ,
SS_meme.txt	ATADTAWTGMNKRAMRGAGTRAAYANAWGARRKVRTADADW	MEME-29		43	<a href="#">ZFP82_HUMAN.H11MO.0.C</a> , <a href="#">FOXP1_HUMAN.H11MO.0.A</a> ,
SS_meme.txt	CTGACCTGGACCCTGGGACCGCACACCGCCGCTGCTCAT	MEME-9		25	<a href="#">NR2C2_HUMAN.H11MO.0.B</a> , <a href="#">SP3_HUMAN.H11MO.0.B</a> ,
SS_meme.txt	CTKABCYCAGDCCTCHCTGCC	MEME-17		30	<a href="#">BRAC_HUMAN.H11MO.0.A</a> , <a href="#">NR2C1_HUMAN.H11MO.0.C</a> ,
SS_meme.txt	CWSCSCYGMCCSCCNASCGBMCVWCTGGCCCCWCCMGRMNGCCGCVC	MEME-3		20	<a href="#">ZN320_HUMAN.H11MO.0.C</a> , <a href="#">SP1_HUMAN.H11MO.0.A</a> ,
SS_meme.txt	CWTYVAARGAGGCKTCTHHTKTGTT	MEME-21		21	<a href="#">SOX10_HUMAN.H11MO.0.B</a> , <a href="#">ANDR_HUMAN.H11MO.0.A</a> ,

Database	ID	Alt. ID	Preview	Matches	List
SS_meme.txt	CYKCCYCCTCYCTTCYYCC	MEME-19		65	<a href="#">ZN263_HUMAN.H11MO.0.A</a> , <a href="#">VEZF1_HUMAN.H11MO.0.C</a>
SS_meme.txt	GAGAGHGSATTCAAGMHAACVADAGGWVAYCTTCTTVGTAKCGAAGA	MEME-30		13	<a href="#">FOXH1_HUMAN.H11MO.0.A</a> , <a href="#">FOXA3_HUMAN.H11MO.0.B</a>
SS_meme.txt	GGGBGSKGGGVSGGGGMGGG	MEME-2		48	<a href="#">SP1_HUMAN.H11MO.0.A</a> , <a href="#">VEZF1_HUMAN.H11MO.0.C</a>
SS_meme.txt	RGYTGVVAGCKGATCVDAGCGCHBSGGBS	MEME-23		12	<a href="#">ZN341_HUMAN.H11MO.0.C</a> , <a href="#">ZN418_HUMAN.H11MO.0.C</a>
SS_meme.txt	SANAGGCCCHGGTGGMAMWKCDSTTATAAGYMCTGWWYKSCT	MEME-13		12	<a href="#">SNAI1_HUMAN.H11MO.0.C</a> , <a href="#">FOXI1_HUMAN.H11MO.0.B</a>
SS_meme.txt	SRGVGMGGSRGCAGRRGMNSCSBGSSCRG	MEME-12		64	<a href="#">SP2_HUMAN.H11MO.0.A</a> , <a href="#">PATZ1_HUMAN.H11MO.0.C</a>
SS_meme.txt	SSTGGTMTCTGKGGGCWYCCCTGCCTGGG	MEME-16		21	<a href="#">COE1_HUMAN.H11MO.0.A</a> , <a href="#">TF65_HUMAN.H11MO.0.A</a>
SS_meme.txt	TACTTWTGDTHWGATWGVVDTGCTGGTTDGWTTGGGAASCAGCATTVA	MEME-7		16	<a href="#">ZN250_HUMAN.H11MO.0.C</a> , <a href="#">ARJ5B_HUMAN.H11MO.0.C</a>
SS_meme.txt	TBCYTTAACGTCTBCWYDKTG	MEME-27		28	<a href="#">ANDR_HUMAN.H11MO.0.A</a> , <a href="#">FOXM1_HUMAN.H11MO.0.A</a>
SS_meme.txt	TCWGACDCAAHYWAGSADDRAAMWNTCTGAAGGWGDGMHGG	MEME-22		13	<a href="#">ZN140_HUMAN.H11MO.0.C</a> , <a href="#">ZN528_HUMAN.H11MO.0.C</a>
SS_meme.txt	TGGAVSCRCATCCASGYCCAC	MEME-24		21	<a href="#">MXI1_HUMAN.H11MO.0.A</a> , <a href="#">HEN1_HUMAN.H11MO.0.C</a>
SS_meme.txt	TGGTMHGTTGSAGAMACTYGTAAWCCHGKGRYBSCCSRGTGYACGKYKTC	MEME-18		7	<a href="#">ZSC22_HUMAN.H11MO.0.C</a> , <a href="#">SMAD2_HUMAN.H11MO.0.A</a>
SS_meme.txt	TTTWMCTTATAYTMCANCAAACABCA	MEME-26		21	<a href="#">HXA1_HUMAN.H11MO.0.C</a> , <a href="#">NR6A1_HUMAN.H11MO.0.B</a>
SS_meme.txt	TWCWKAGMAGWWCATTSYWGKKSWTTKTTWCYWSTGMC	MEME-5		32	<a href="#">FOXO4_HUMAN.H11MO.0.C</a> , <a href="#">FOXA2_HUMAN.H11MO.0.A</a>
SS_meme.txt	WCMKBAWGARAGARAHKCTRACTCASAG	MEME-25		24	<a href="#">JUNB_HUMAN.H11MO.0.A</a> , <a href="#">ZN140_HUMAN.H11MO.0.C</a>
SS_meme.txt	YSTS YBTGTGWGTGTGTSKKBGHNTSTGY	MEME-10		9	<a href="#">RUNX2_HUMAN.H11MO.0.A</a> , <a href="#">CLOCK_HUMAN.H11MO.0.C</a>

Database	ID	Alt. ID	Preview	Matches	List
SS_meme.txt	YTCCRGMYTGKGHAMCAGAGVGWGACBSK	MEME-14		11	<a href="#">PAX5_HUMAN.H11MO.0.A</a> , <a href="#">ZN121_HUMAN.H11MO.0.C</a>
SS_meme.txt	TYATRTRWWAATHAATKKWTTMWAADAWWTGSAATTWAYTCM	MEME-15		21	<a href="#">PO2F1_HUMAN.H11MO.0.C</a> , <a href="#">LHX3_HUMAN.H11MO.0.C</a>

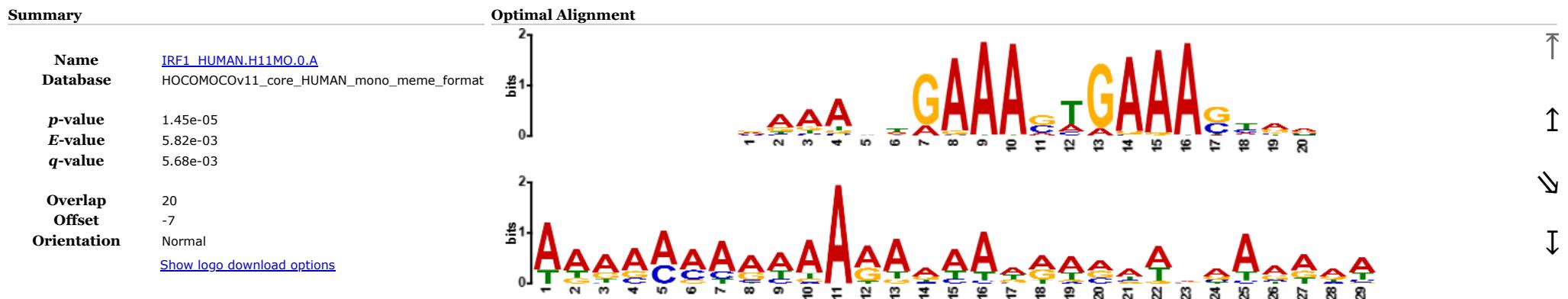
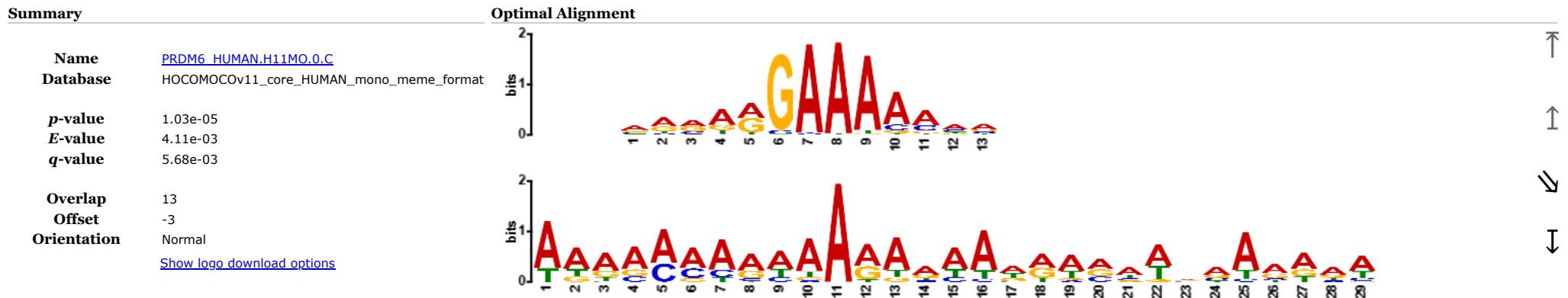
## TARGET DATABASES

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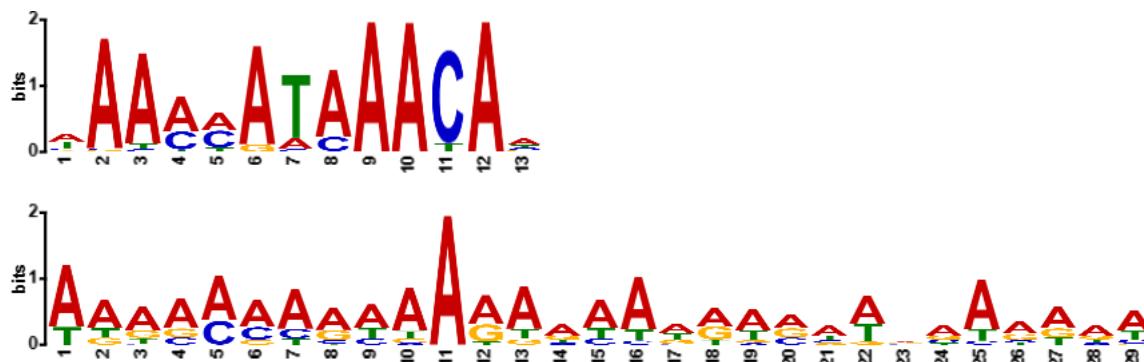
Database	Used	Matched
HOCOMOCOv11_core_HUMAN_mono_meme_format	401	321

## MATCHES TO AAAAMAAAAAARAAAARAVAWNAARAAA (MEME-1)

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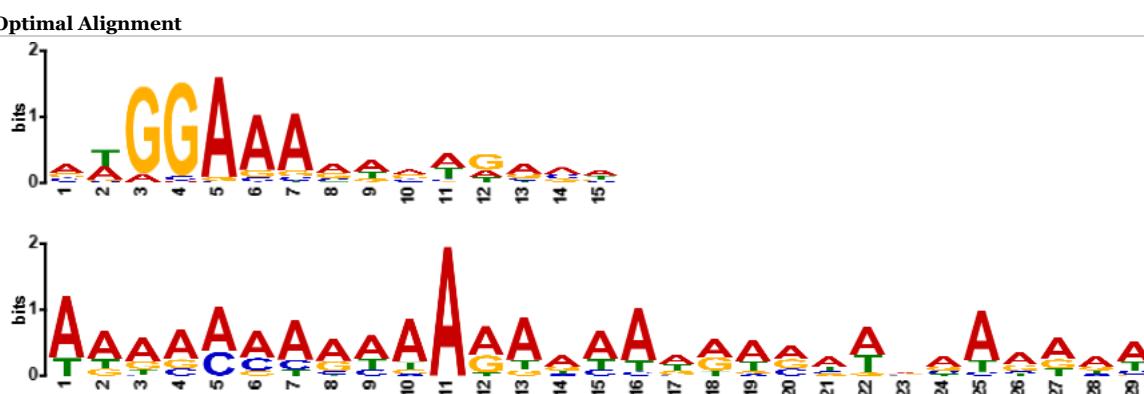


Name	<a href="#">FOXJ3_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.53e-05
<i>E</i> -value	1.82e-02
<i>q</i> -value	1.14e-02
Overlap	13
Offset	0
Orientation	Reverse Complement
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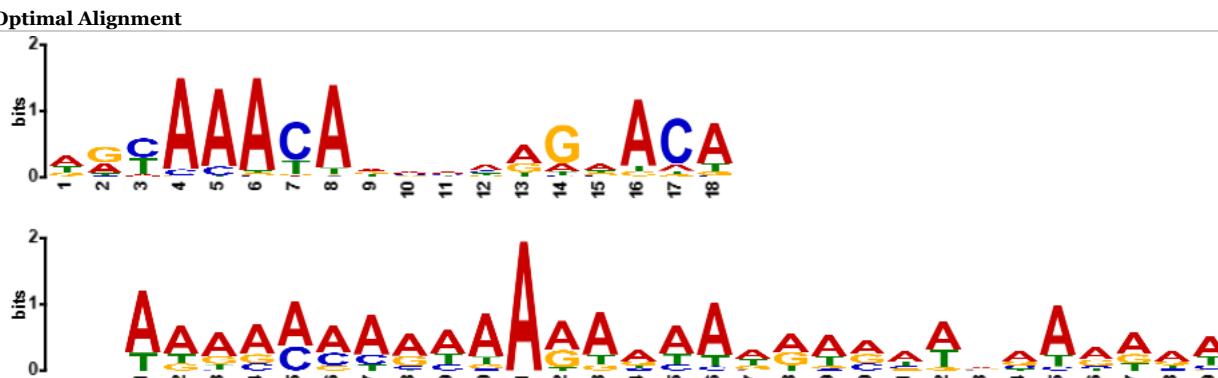
#### Summary

Name	<a href="#">NFAC1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.84e-05
<i>E</i> -value	2.34e-02
<i>q</i> -value	1.14e-02
Overlap	15
Offset	0
Orientation	Normal
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#### Summary

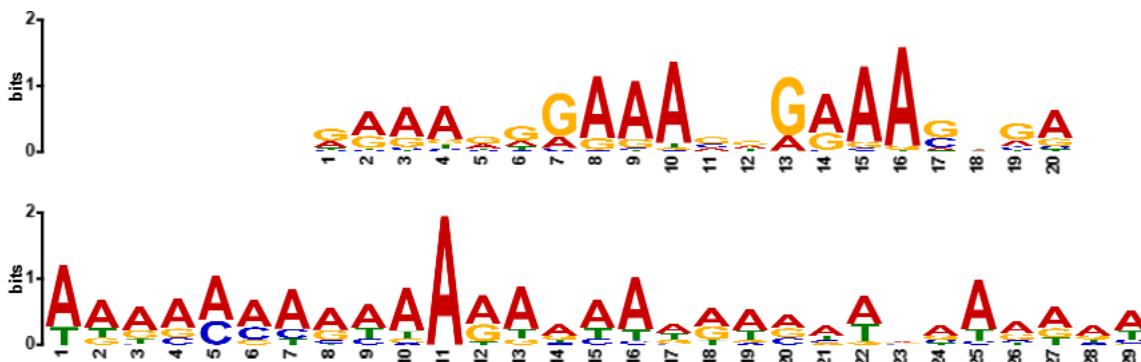
Name	<a href="#">ANDR_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.00e-04
<i>E</i> -value	4.03e-02
<i>q</i> -value	1.57e-02
Overlap	16
Offset	2
Orientation	Reverse Complement
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#### Summary

#### Optimal Alignment

Name	<a href="#">IRF3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.60e-04
<i>E</i> -value	6.40e-02
<i>q</i> -value	2.08e-02
Overlap	20
Offset	-7
Orientation	Normal
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#### Summary

Name	<a href="#">IRF2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.03e-04
<i>E</i> -value	8.15e-02
<i>q</i> -value	2.27e-02
Overlap	20
Offset	-7
Orientation	Normal
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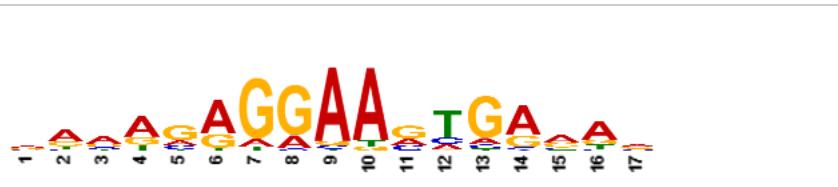
#### Optimal Alignment



#### Summary

Name	<a href="#">BC11A_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.85e-04
<i>E</i> -value	1.14e-01
<i>q</i> -value	2.52e-02
Overlap	17
Offset	-7
Orientation	Normal
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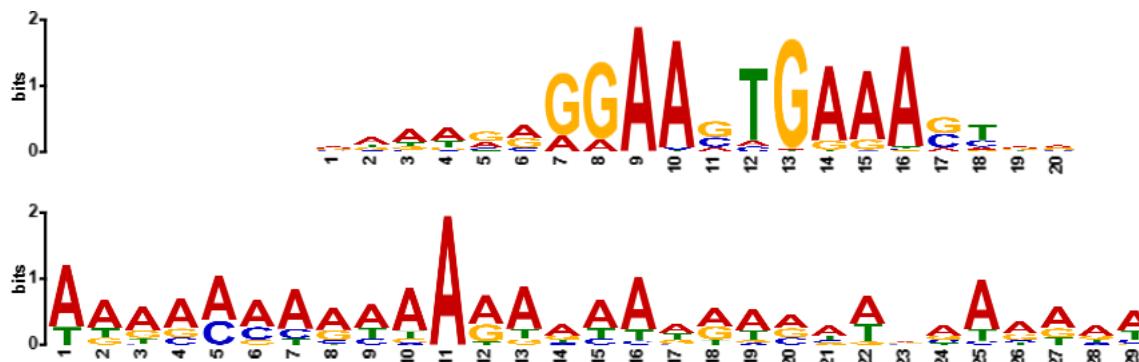
#### Optimal Alignment



#### Summary

#### Optimal Alignment

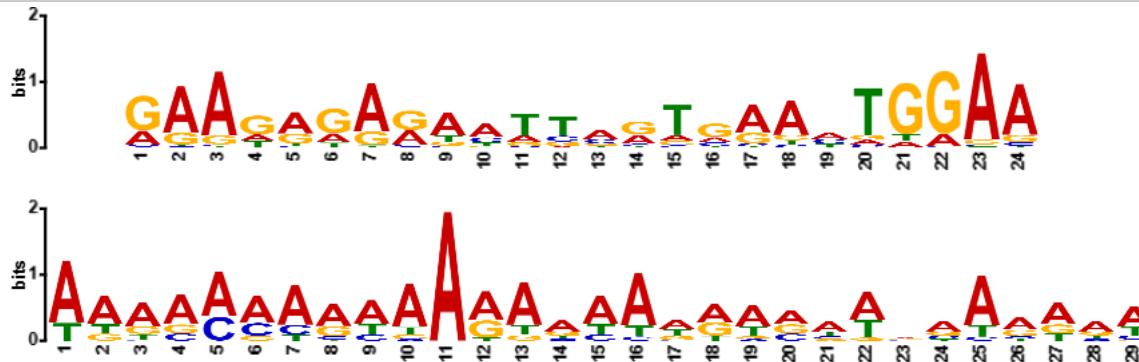
Name	<a href="#">IRF8_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.90e-04
<i>E</i> -value	1.16e-01
<i>q</i> -value	2.52e-02
Overlap	20
Offset	-7
Orientation	Normal
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### Summary

Name	<a href="#">ZFP82_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.64e-04
<i>E</i> -value	1.46e-01
<i>q</i> -value	2.84e-02
Overlap	24
Offset	-2
Orientation	Reverse Complement
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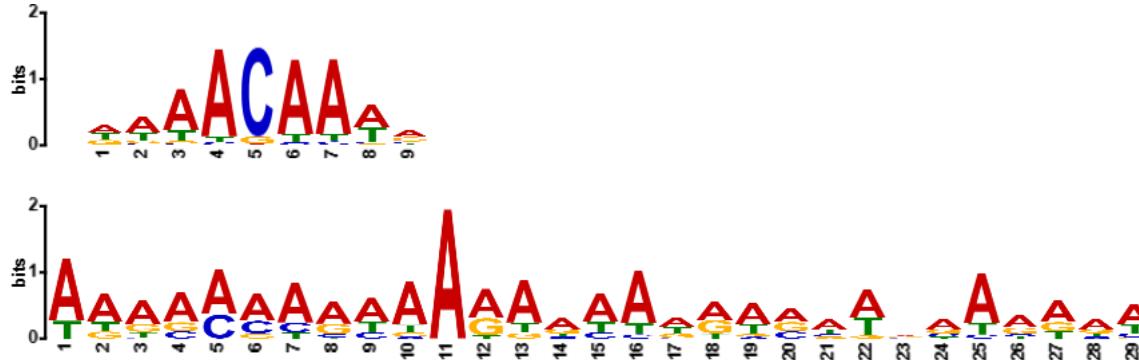
### Optimal Alignment



### Summary

Name	<a href="#">SRY_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.91e-04
<i>E</i> -value	2.37e-01
<i>q</i> -value	4.20e-02
Overlap	9
Offset	-1
Orientation	Reverse Complement
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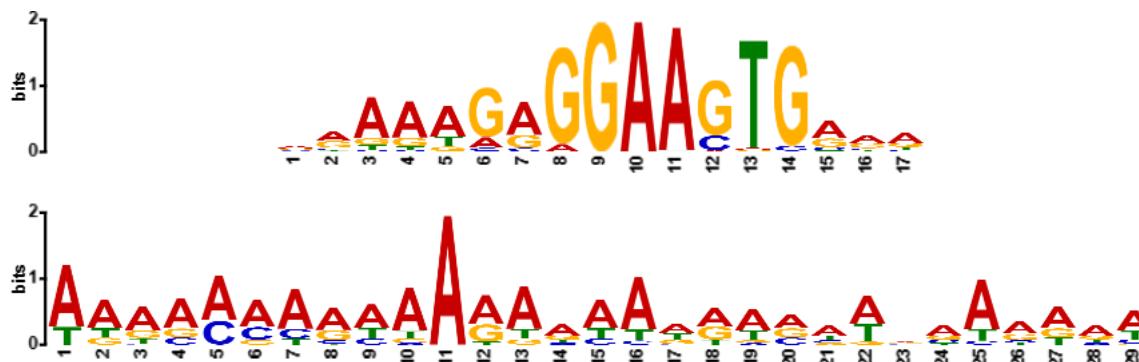
### Optimal Alignment



### Summary

### Optimal Alignment

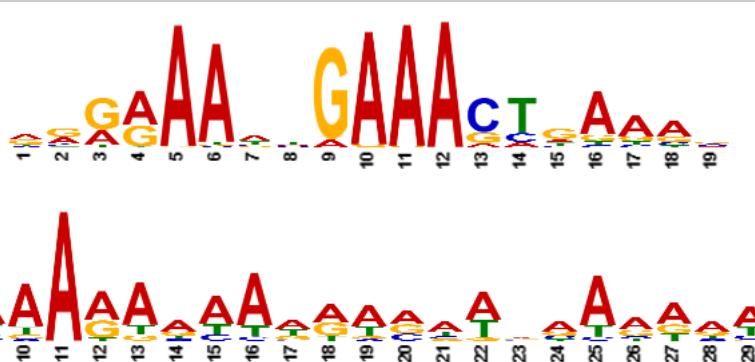
Name	<a href="#">SP1B_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.53e-04
<i>E</i> -value	2.62e-01
<i>q</i> -value	4.26e-02
Overlap	17
Offset	-6
Orientation	Normal
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### Summary

Name	<a href="#">STAT2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.30e-04
<i>E</i> -value	2.93e-01
<i>q</i> -value	4.39e-02
Overlap	19
Offset	-9
Orientation	Normal
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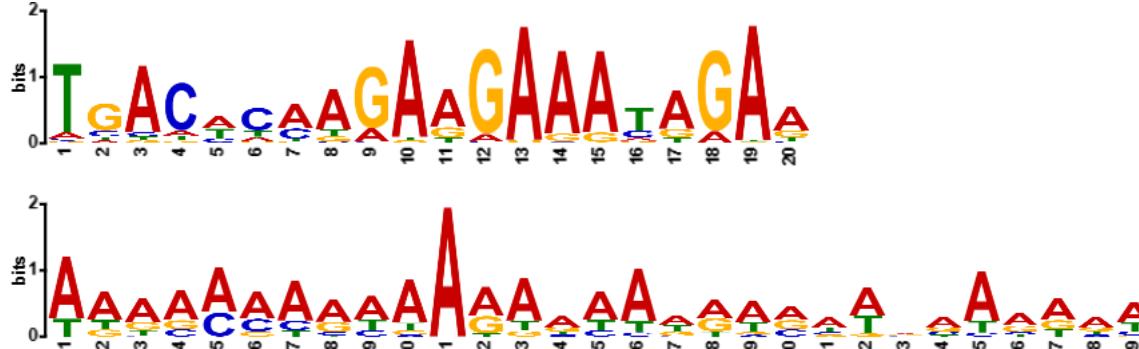
### Optimal Alignment



### Summary

Name	<a href="#">ZFP28_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.56e-04
<i>E</i> -value	3.83e-01
<i>q</i> -value	5.27e-02
Overlap	20
Offset	0
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

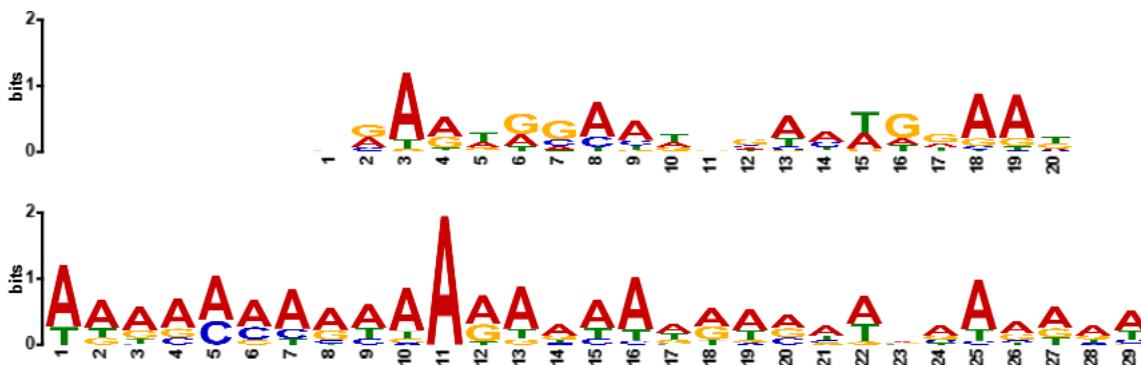
### Optimal Alignment



### Summary

### Optimal Alignment

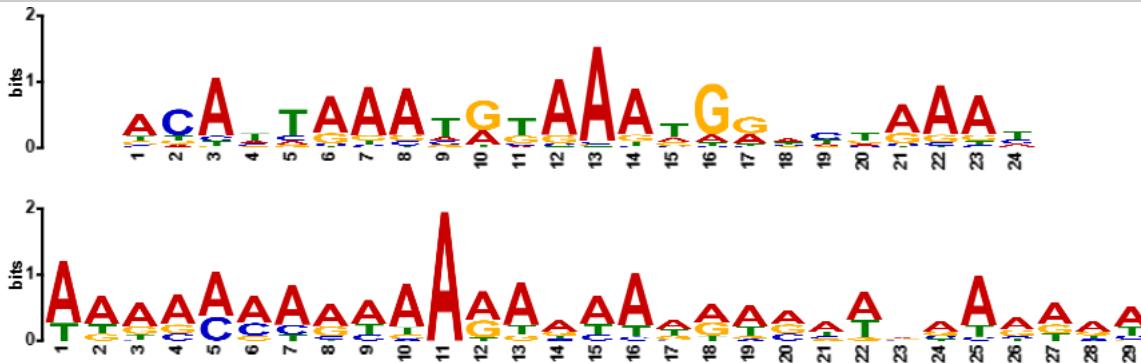
Name	<a href="#">ZN394_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.01e-03
<i>E</i> -value	4.05e-01
<i>q</i> -value	5.27e-02
Overlap	20
Offset	-7
Orientation	Normal
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#### Summary

Name	<a href="#">Z354A_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.15e-03
<i>E</i> -value	4.61e-01
<i>q</i> -value	5.62e-02
Overlap	24
Offset	-2
Orientation	Reverse Complement
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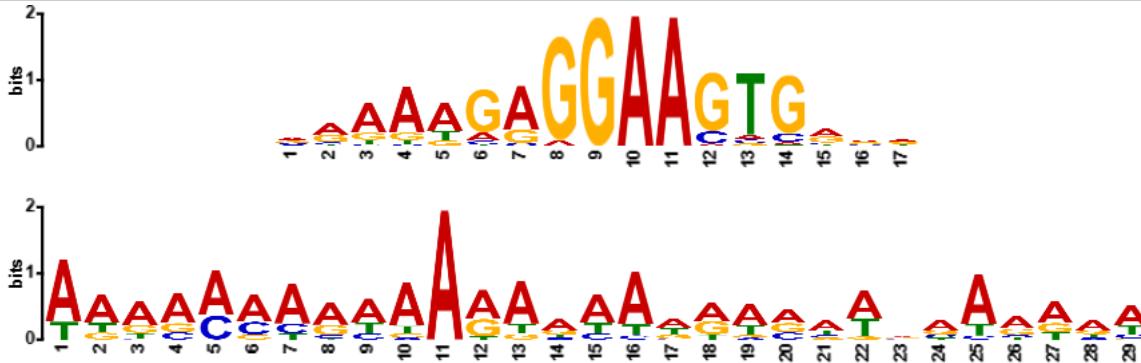
#### Optimal Alignment



#### Summary

Name	<a href="#">SPI1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.43e-03
<i>E</i> -value	5.75e-01
<i>q</i> -value	6.60e-02
Overlap	17
Offset	-6
Orientation	Normal
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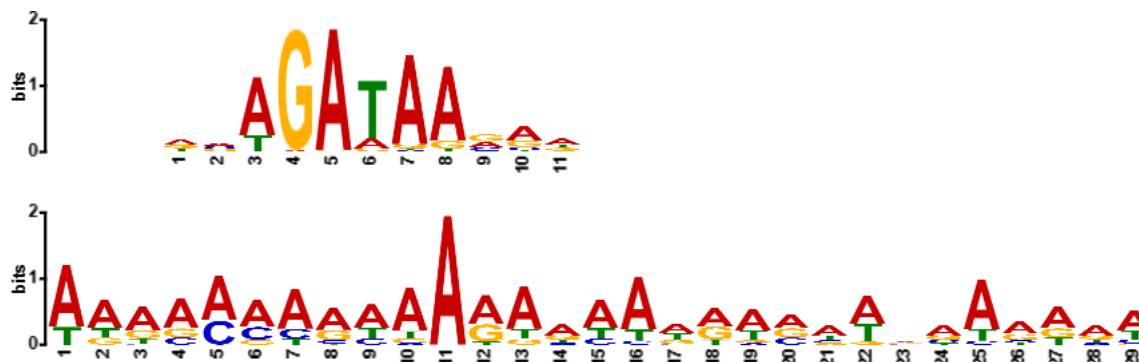
#### Optimal Alignment



#### Summary

#### Optimal Alignment

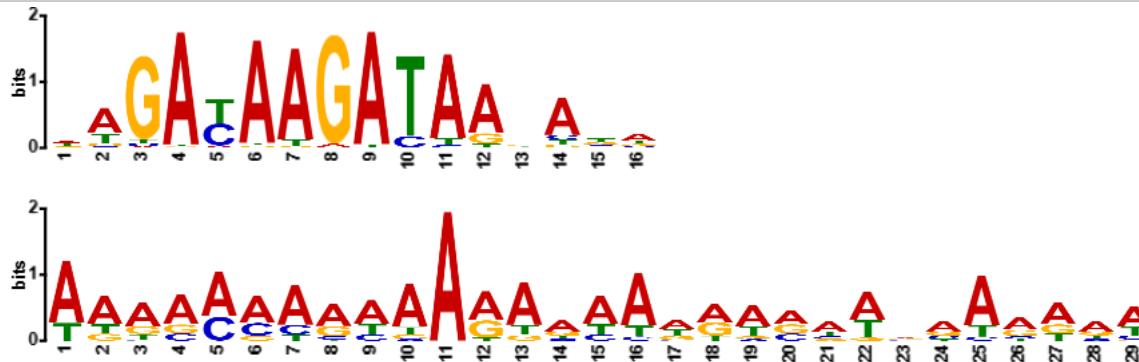
Name	<a href="#">GATA3_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.63e-03
<i>E</i> -value	6.53e-01
<i>q</i> -value	7.08e-02
Overlap	11
Offset	-3
Orientation	Normal
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### Summary

Name	<a href="#">EVI1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.41e-03
<i>E</i> -value	1.37e+00
<i>q</i> -value	1.32e-01
Overlap	16
Offset	0
Orientation	Normal
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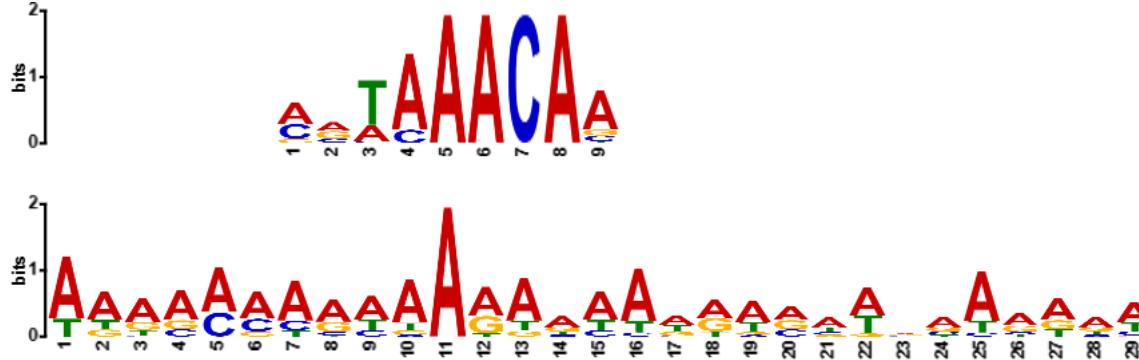
### Optimal Alignment



### Summary

Name	<a href="#">FOXO4_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.56e-03
<i>E</i> -value	1.43e+00
<i>q</i> -value	1.32e-01
Overlap	9
Offset	-6
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

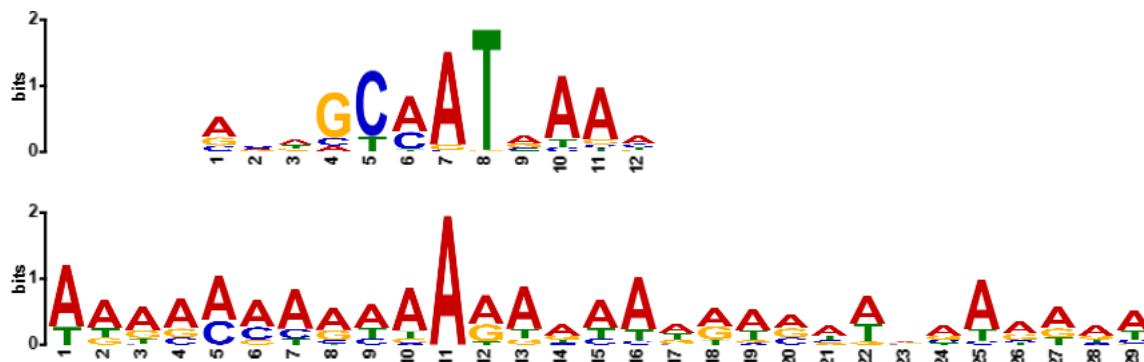
### Optimal Alignment



### Summary

### Optimal Alignment

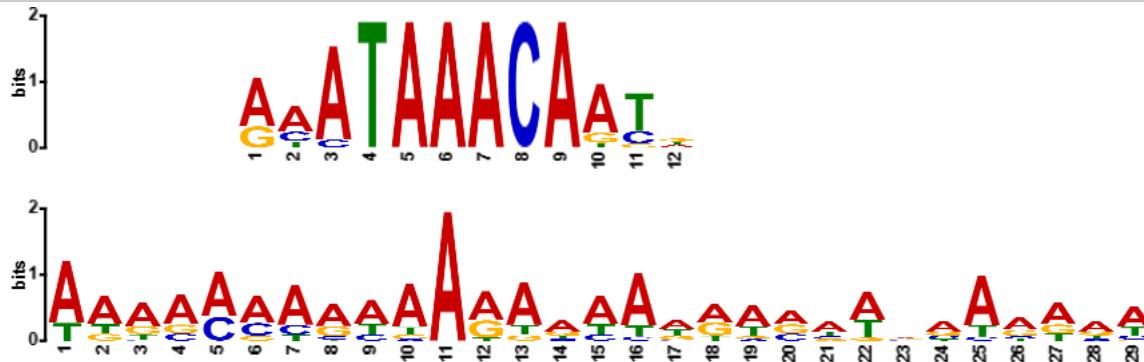
Name	<a href="#">CDX2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.70e-03
<i>E</i> -value	1.49e+00
<i>q</i> -value	1.32e-01
Overlap	12
Offset	-4
Orientation	Reverse Complement
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### Summary

Name	<a href="#">FOXQ1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.70e-03
<i>E</i> -value	1.49e+00
<i>q</i> -value	1.32e-01
Overlap	12
Offset	-5
Orientation	Reverse Complement
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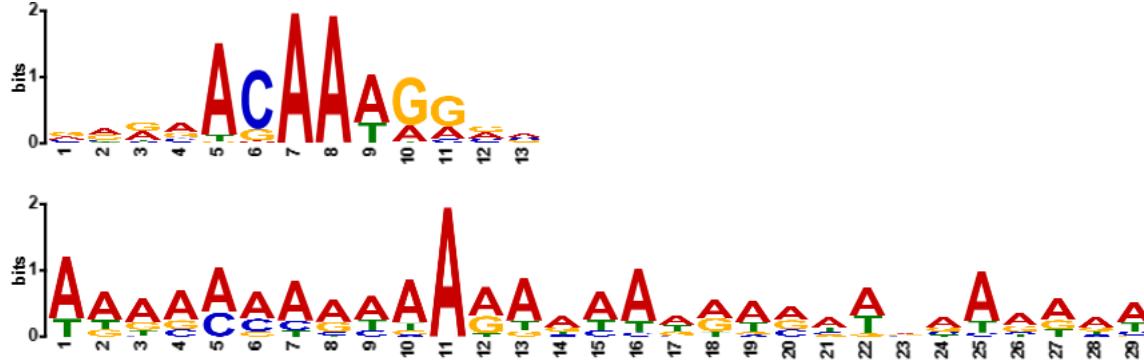
### Optimal Alignment



### Summary

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Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.89e-03
<i>E</i> -value	1.56e+00
<i>q</i> -value	1.32e-01
Overlap	13
Offset	0
Orientation	Reverse Complement
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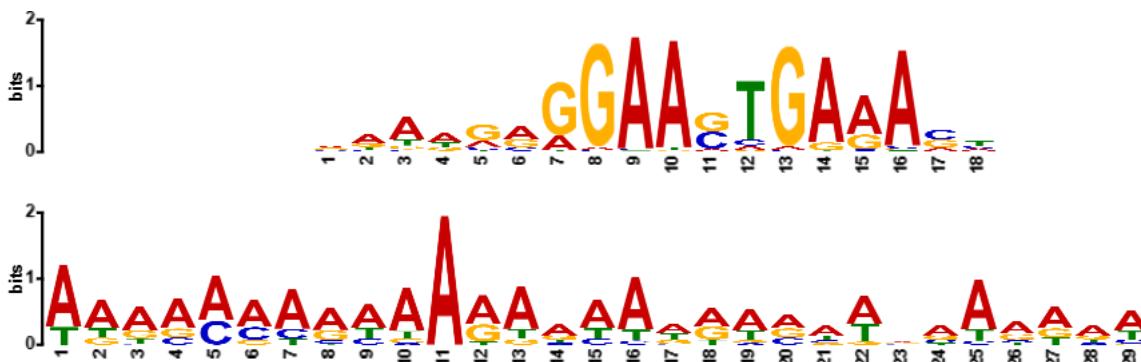
### Optimal Alignment



### Summary

### Optimal Alignment

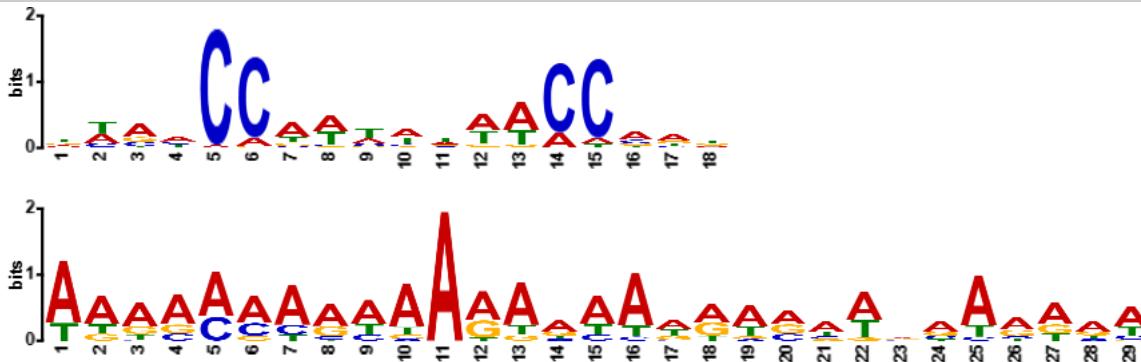
Name	<a href="#">IRF4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.80e-03
<i>E</i> -value	1.92e+00
<i>q</i> -value	1.56e-01
Overlap	18
Offset	-7
Orientation	Normal
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#### Summary

Name	<a href="#">AIRE_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.06e-03
<i>E</i> -value	2.03e+00
<i>q</i> -value	1.58e-01
Overlap	18
Offset	0
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

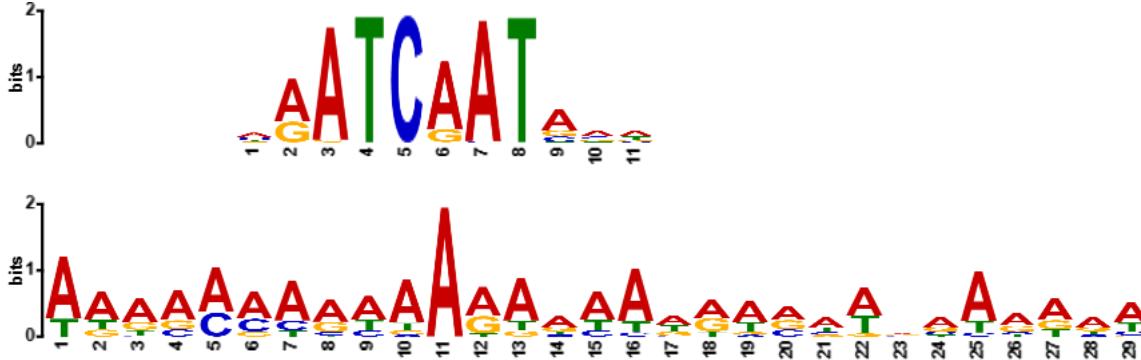
#### Optimal Alignment



#### Summary

Name	<a href="#">HNF6_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.63e-03
<i>E</i> -value	2.26e+00
<i>q</i> -value	1.69e-01
Overlap	11
Offset	-5
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

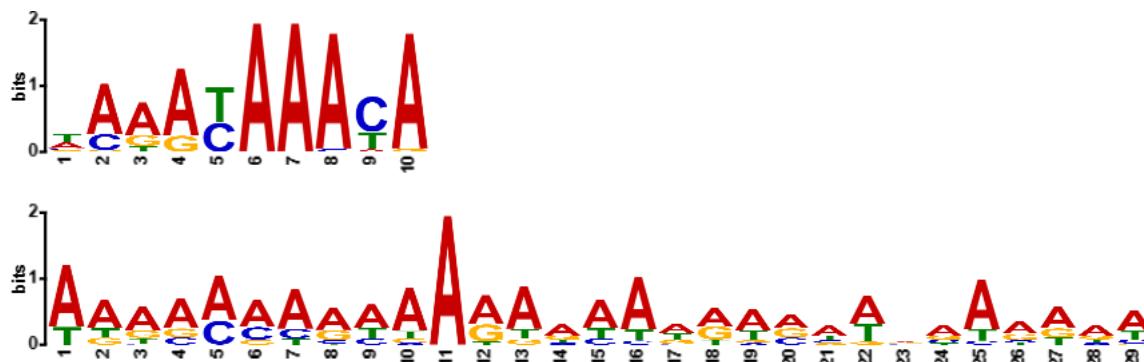
#### Optimal Alignment



#### Summary

#### Optimal Alignment

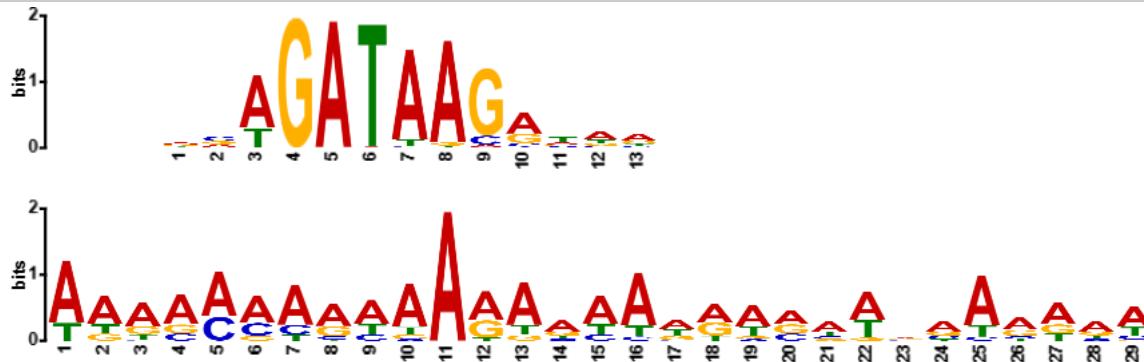
Name	<a href="#">FOXJ2_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.30e-03
<i>E</i> -value	2.53e+00
<i>q</i> -value	1.82e-01
Overlap	10
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



### Summary

Name	<a href="#">GATA6_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.87e-03
<i>E</i> -value	2.75e+00
<i>q</i> -value	1.92e-01
Overlap	13
Offset	-3
Orientation	Normal
	<a href="#">Show logo download options</a>

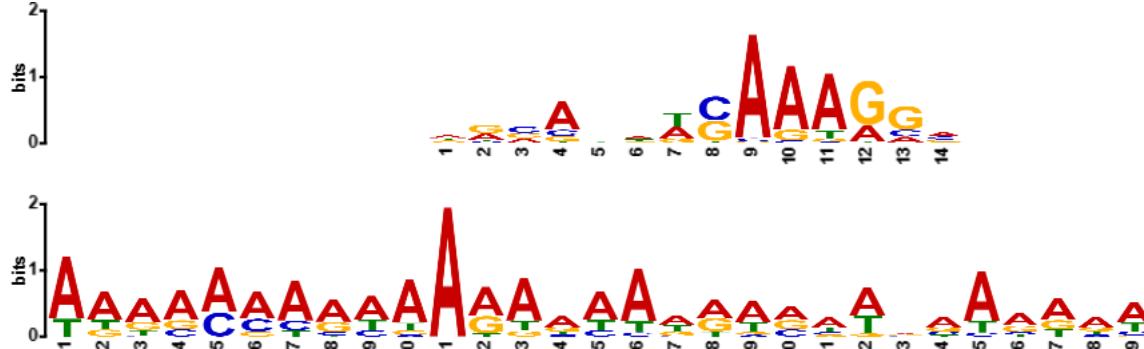
### Optimal Alignment



### Summary

Name	<a href="#">LEF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.25e-03
<i>E</i> -value	2.91e+00
<i>q</i> -value	1.96e-01
Overlap	14
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

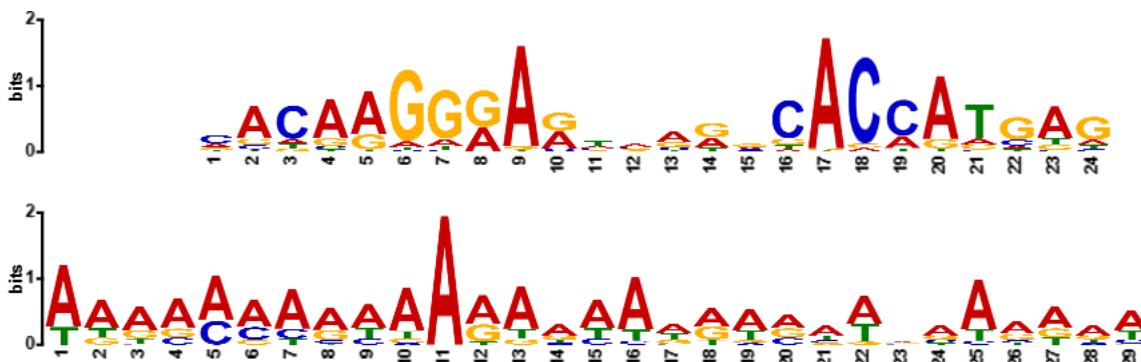
### Optimal Alignment



### Summary

### Optimal Alignment

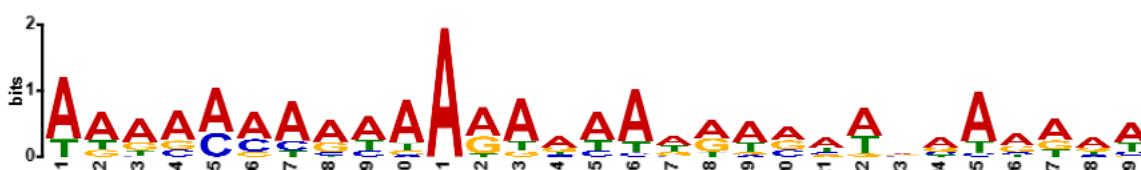
Name	<a href="#">ZNF41_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.10e-02
<i>E</i> -value	4.41e+00
<i>q</i> -value	2.83e-01
Overlap	24
Offset	-4
Orientation	Normal
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### Summary

Name	<a href="#">ZIM3_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.12e-02
<i>E</i> -value	4.49e+00
<i>q</i> -value	2.83e-01
Overlap	19
Offset	-7
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

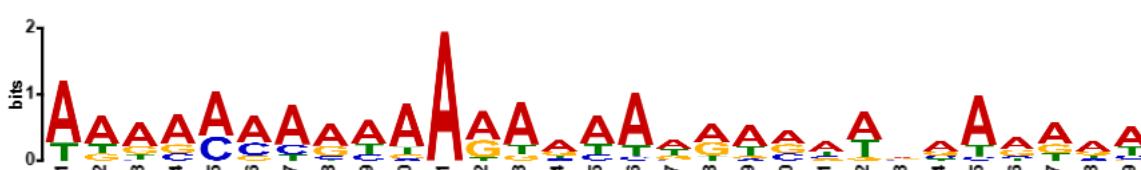
### Optimal Alignment



### Summary

Name	<a href="#">SOX4_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.27e-02
<i>E</i> -value	5.08e+00
<i>q</i> -value	3.05e-01
Overlap	12
Offset	-2
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

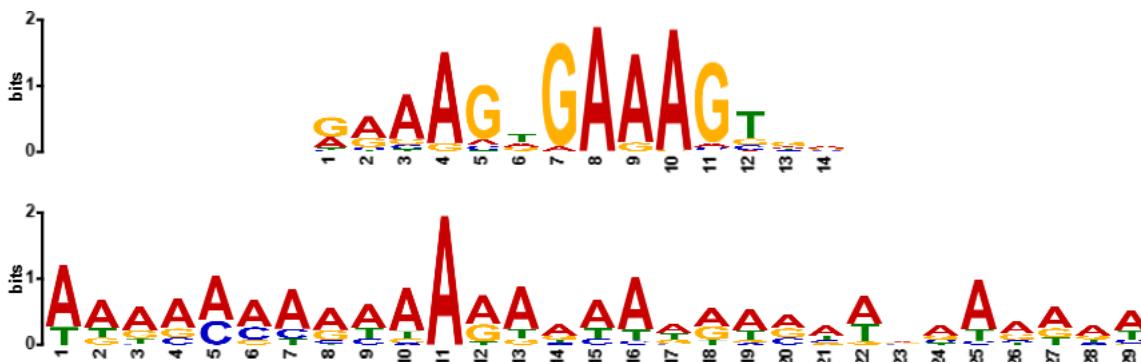
### Optimal Alignment



### Summary

### Optimal Alignment

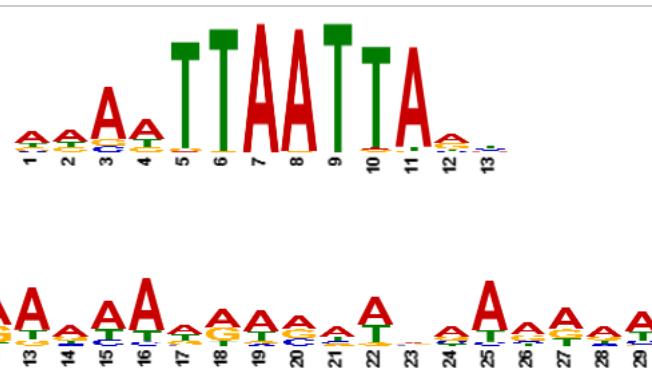
Name	<a href="#">PRDM1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.29e-02
<i>E</i> -value	5.16e+00
<i>q</i> -value	3.05e-01
Overlap	14
Offset	-7
Orientation	Normal
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#### Summary

Name	<a href="#">LHX3_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.41e-02
<i>E</i> -value	5.65e+00
<i>q</i> -value	3.24e-01
Overlap	13
Offset	-12
Orientation	Normal
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#### Optimal Alignment



#### Summary

Name	<a href="#">SMCA1_HUMAN.H11MO.0.C</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	3.61e-01
Overlap	12
Offset	-4
Orientation	Normal
<a href="#">Show logo download options</a>	

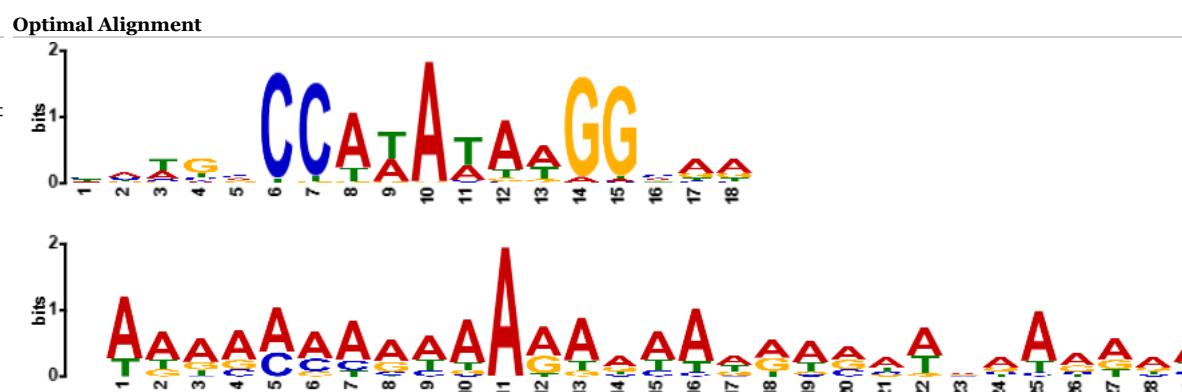
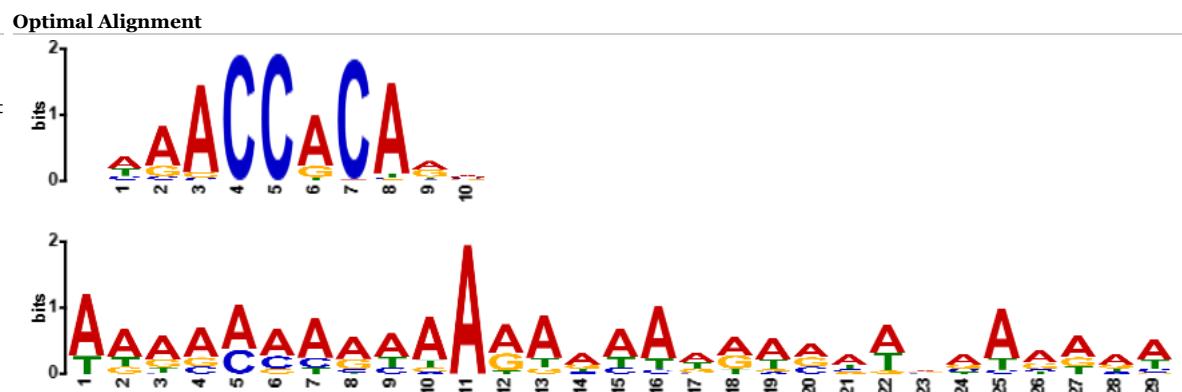
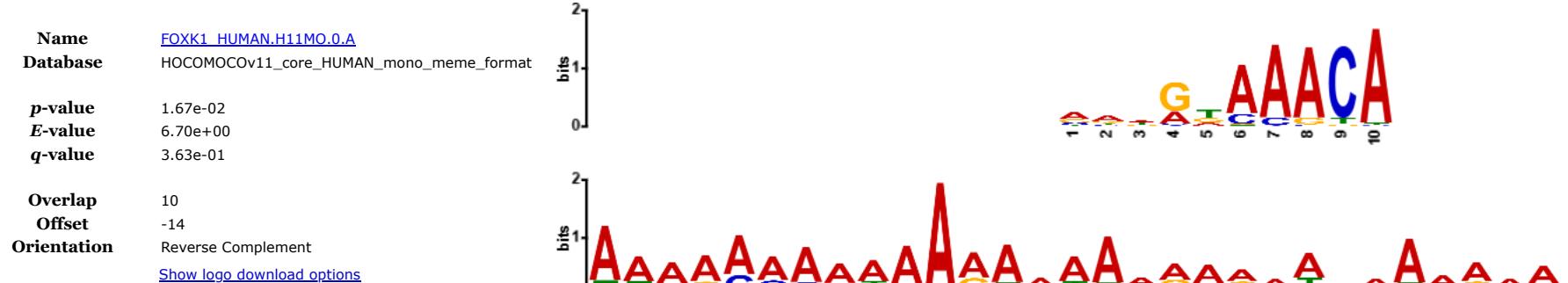
#### Optimal Alignment



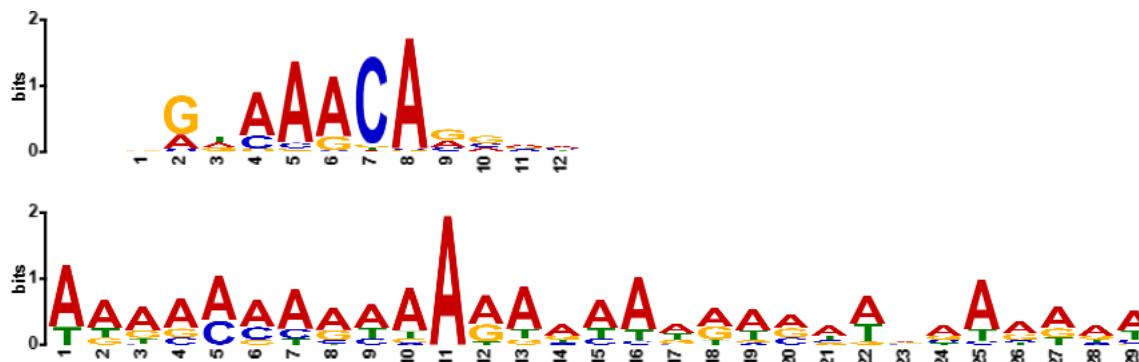
#### Summary

#### Optimal Alignment





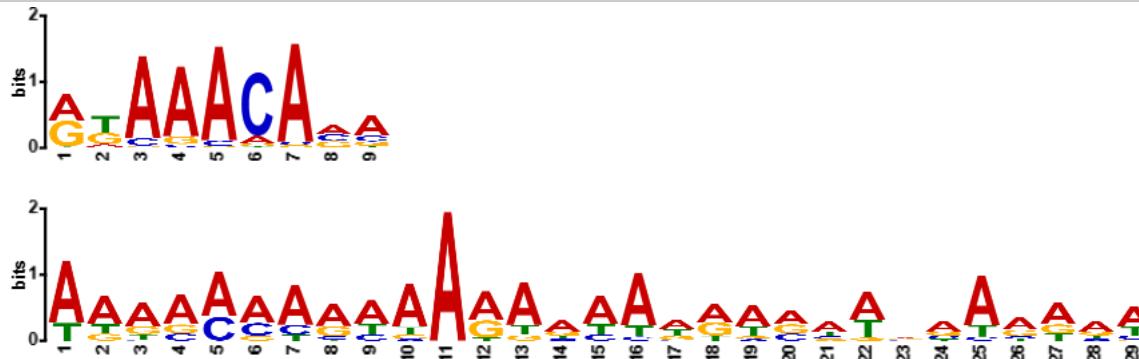
Name	<a href="#">FOXO1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.05e-02
<i>E</i> -value	8.22e+00
<i>q</i> -value	4.11e-01
Overlap	12
Offset	-2
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">FOXP1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.20e-02
<i>E</i> -value	8.81e+00
<i>q</i> -value	4.29e-01
Overlap	9
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

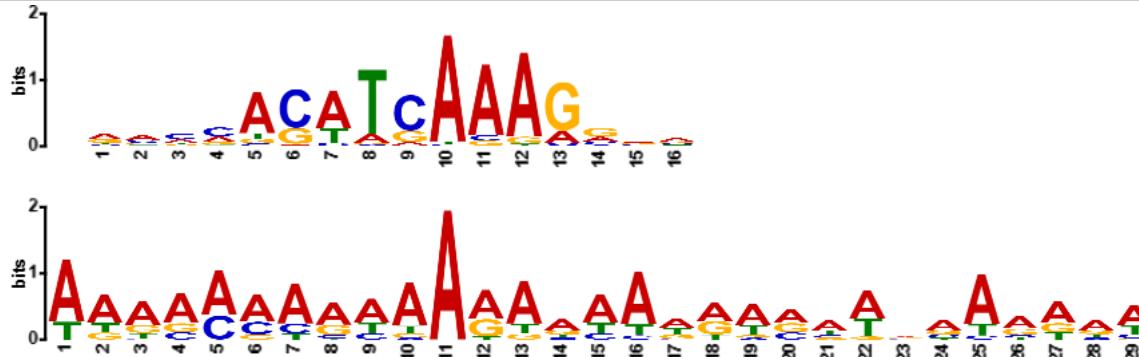
#### Optimal Alignment



#### Summary

Name	<a href="#">TCF7_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.44e-02
<i>E</i> -value	9.79e+00
<i>q</i> -value	4.66e-01
Overlap	16
Offset	-1
Orientation	Normal
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#### Optimal Alignment



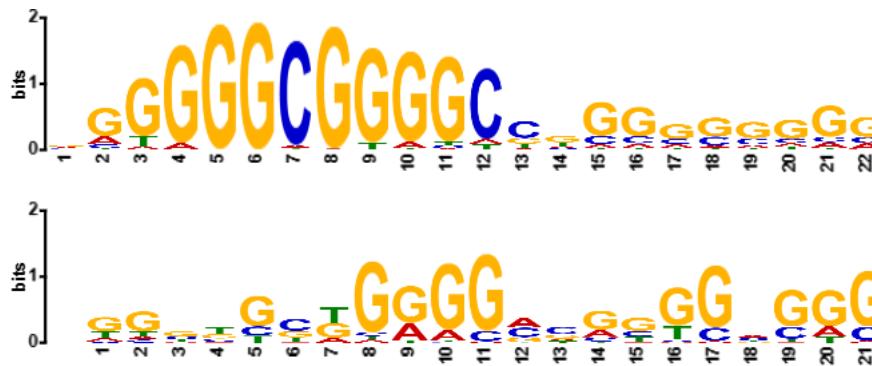
MATCHES TO GGGBGSKGGGGVSGGGGMGGG (MEME-2)

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#### Summary

#### Optimal Alignment

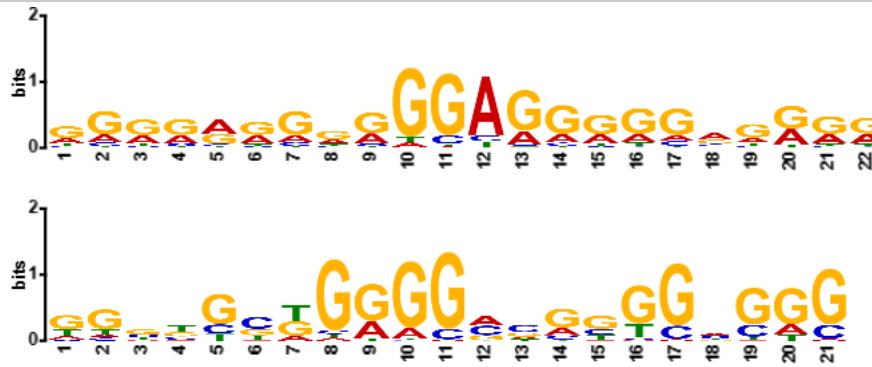
Name	<a href="#">SP1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.49e-07
<i>E</i> -value	2.20e-04
<i>q</i> -value	4.23e-04
Overlap	21
Offset	1
Orientation	Normal
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## Summary

Name	<a href="#">VEZF1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.12e-06
<i>E</i> -value	8.49e-04
<i>q</i> -value	8.17e-04
Overlap	21
Offset	0
Orientation	Normal
<a href="#">Show logo download options</a>	

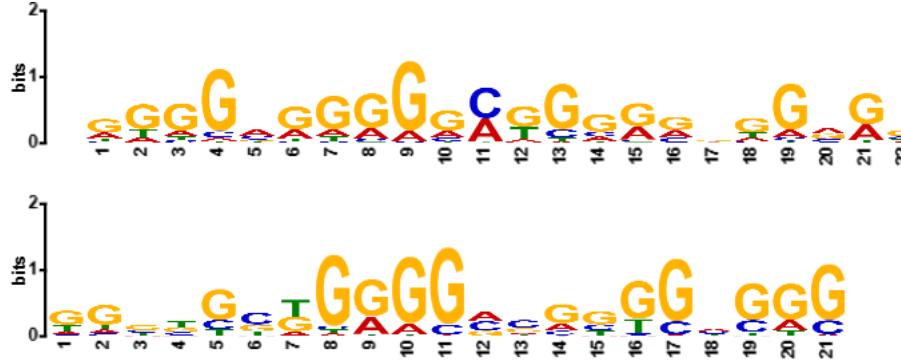
## Optimal Alignment



## Summary

Name	<a href="#">PATZ1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.06e-05
<i>E</i> -value	4.25e-03
<i>q</i> -value	2.14e-03
Overlap	20
Offset	-1
Orientation	Normal
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## Optimal Alignment



## Summary

## Optimal Alignment

**Name** MAZ\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.21e-05

**E-value** 4.86e-03

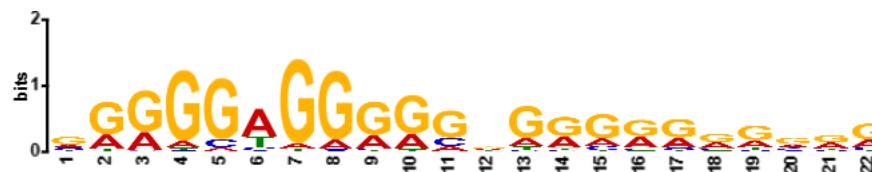
**q-value** 2.14e-03

**Overlap** 21

**Offset** 0

**Orientation** Normal

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## Summary

**Name** SP2\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.38e-05

**E-value** 5.55e-03

**q-value** 2.14e-03

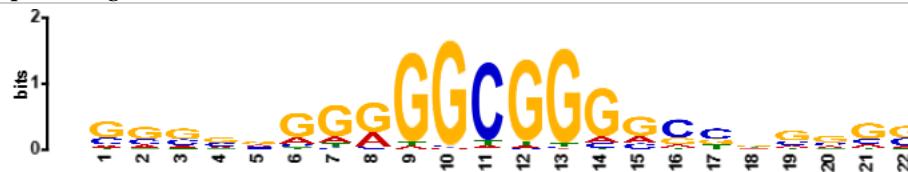
**Overlap** 20

**Offset** -1

**Orientation** Normal

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## Optimal Alignment



## Summary

**Name** WT1\_HUMAN.H11MO.0.C

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.80e-05

**E-value** 7.21e-03

**q-value** 2.31e-03

**Overlap** 19

**Offset** -2

**Orientation** Normal

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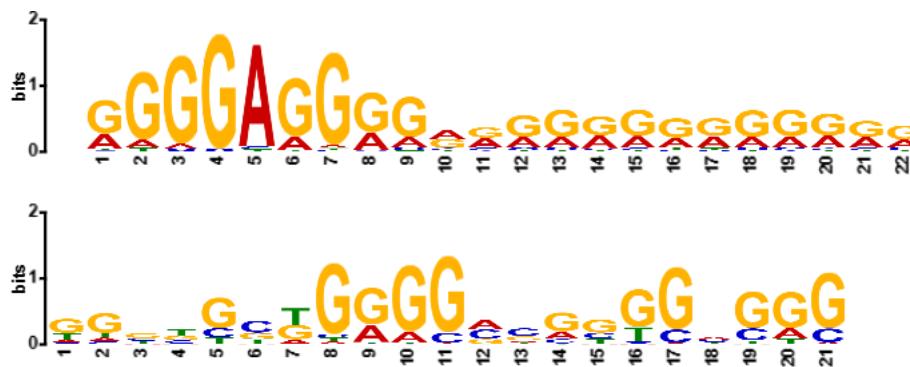
## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">ZN467_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.66e-05
<i>E</i> -value	1.47e-02
<i>q</i> -value	3.62e-03
Overlap	20
Offset	-1
Orientation	Normal
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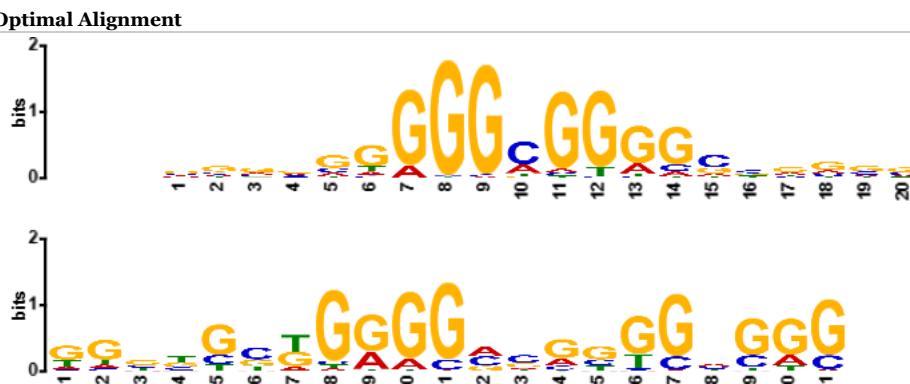
### Summary

Name	<a href="#">KLF15_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.75e-05
<i>E</i> -value	1.50e-02
<i>q</i> -value	3.62e-03
Overlap	19
Offset	-1
Orientation	Normal
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### Summary

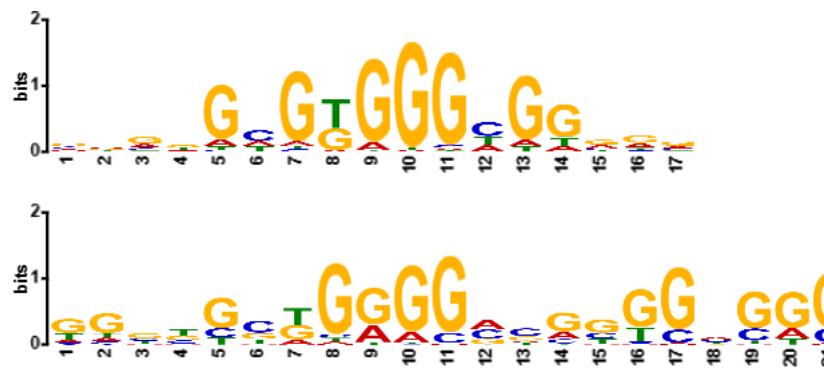
Name	<a href="#">SP3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.26e-05
<i>E</i> -value	1.71e-02
<i>q</i> -value	3.65e-03
Overlap	18
Offset	-3
Orientation	Normal
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### Summary

### Optimal Alignment

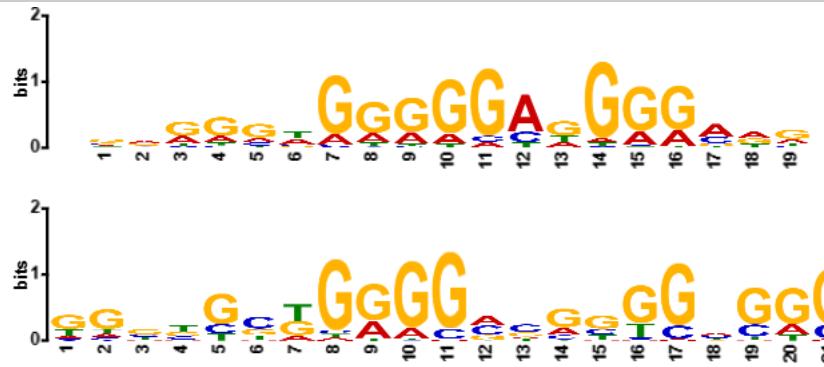
Name	<a href="#">EGR1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.98e-05
<i>E</i> -value	2.80e-02
<i>q</i> -value	5.38e-03
Overlap	17
Offset	0
Orientation	Normal
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## Summary

Name	<a href="#">ZBT17_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.82e-05
<i>E</i> -value	3.14e-02
<i>q</i> -value	5.49e-03
Overlap	19
Offset	-1
Orientation	Normal
<a href="#">Show logo download options</a>	

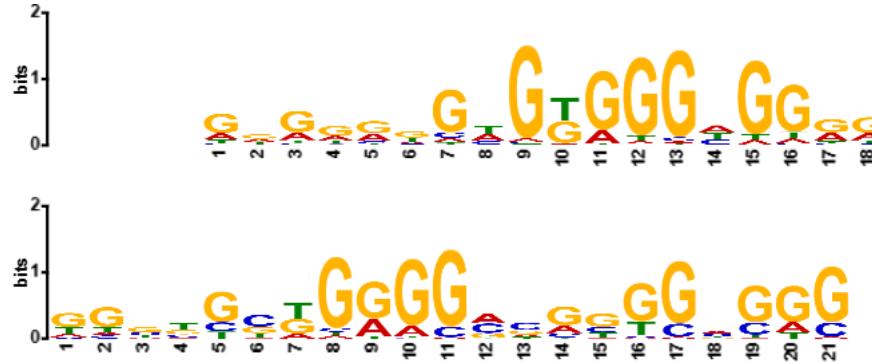
## Optimal Alignment



## Summary

Name	<a href="#">EGR2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.35e-04
<i>E</i> -value	5.42e-02
<i>q</i> -value	8.70e-03
Overlap	17
Offset	-4
Orientation	Normal
<a href="#">Show logo download options</a>	

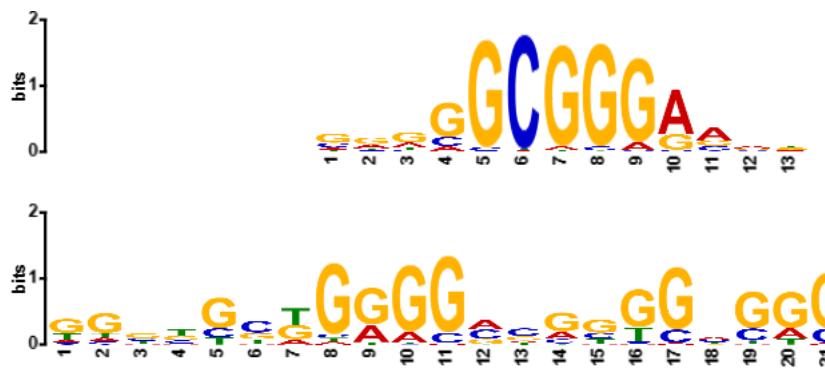
## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">E2F4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.41e-04
<i>E</i> -value	9.68e-02
<i>q</i> -value	1.36e-02
Overlap	13
Offset	-7
Orientation	Normal
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### Summary

Name	<a href="#">ZN281_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.46e-04
<i>E</i> -value	9.87e-02
<i>q</i> -value	1.36e-02
Overlap	13
Offset	-8
Orientation	Normal
<a href="#">Show logo download options</a>	

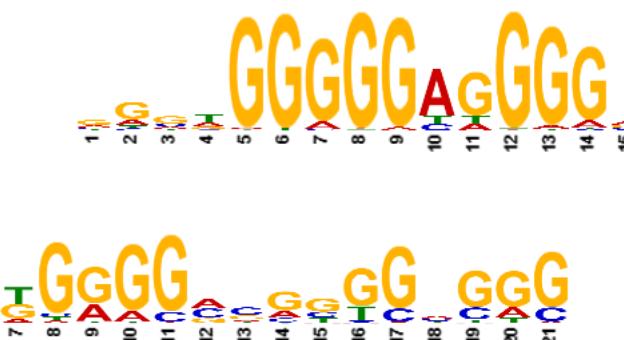
### Optimal Alignment



### Summary

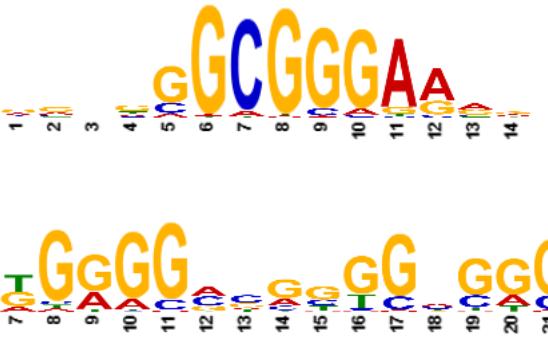
Name	<a href="#">E2F1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.69e-04
<i>E</i> -value	1.08e-01
<i>q</i> -value	1.38e-02
Overlap	14
Offset	-6
Orientation	Normal
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### Optimal Alignment

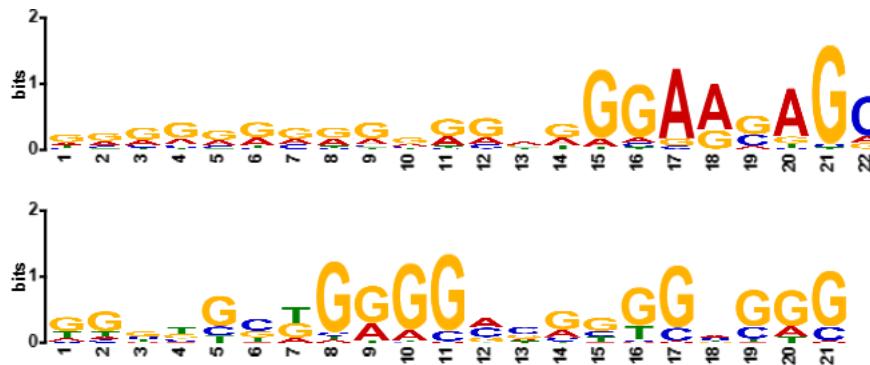


### Summary

### Optimal Alignment

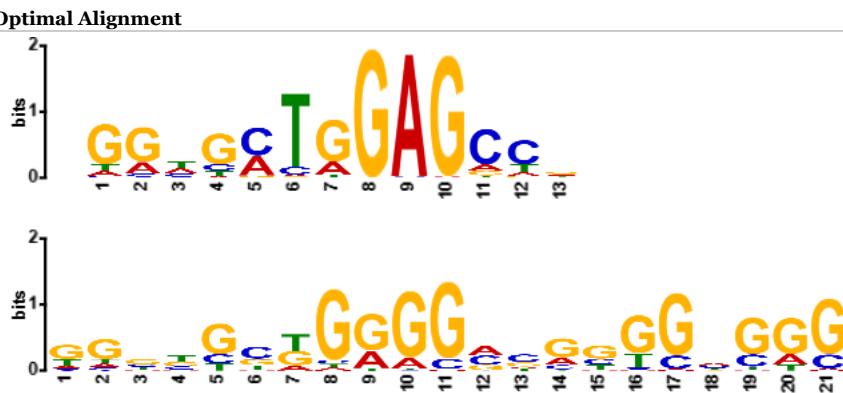


Name	<a href="#">ZN341_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.98e-04
<i>E</i> -value	1.20e-01
<i>q</i> -value	1.43e-02
Overlap	21
Offset	0
Orientation	Normal
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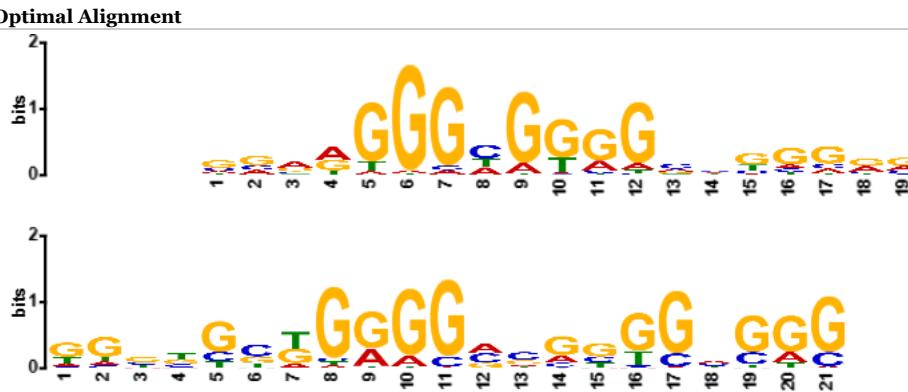
### Summary

Name	<a href="#">ZBTB6_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.32e-04
<i>E</i> -value	1.33e-01
<i>q</i> -value	1.43e-02
Overlap	13
Offset	-1
Orientation	Normal
<a href="#">Show logo download options</a>	



### Summary

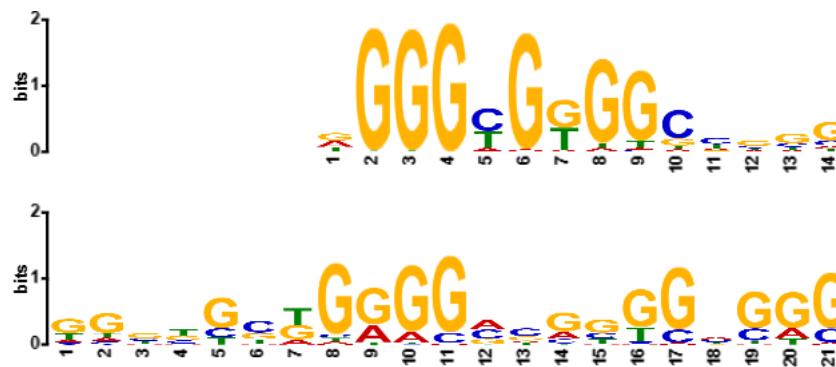
Name	<a href="#">KLF6_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.33e-04
<i>E</i> -value	1.33e-01
<i>q</i> -value	1.43e-02
Overlap	17
Offset	-4
Orientation	Normal
<a href="#">Show logo download options</a>	



### Summary

### Optimal Alignment

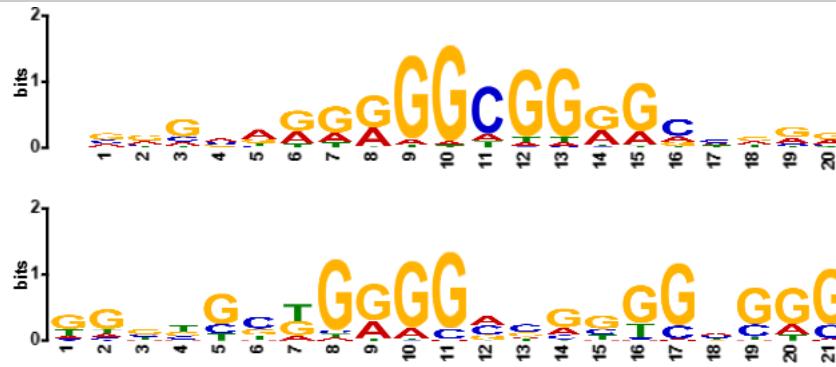
Name	<a href="#">KLF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.19e-04
<i>E</i> -value	1.68e-01
<i>q</i> -value	1.70e-02
Overlap	14
Offset	-7
Orientation	Normal
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#### Summary

Name	<a href="#">SP4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.13e-04
<i>E</i> -value	2.06e-01
<i>q</i> -value	1.98e-02
Overlap	20
Offset	-1
Orientation	Normal
<a href="#">Show logo download options</a>	

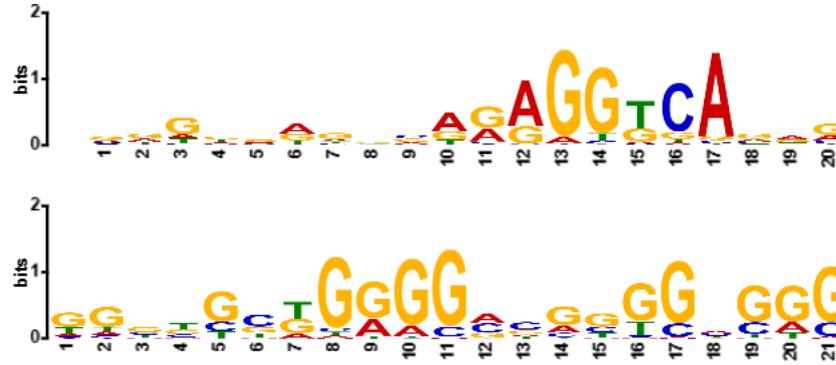
#### Optimal Alignment



#### Summary

Name	<a href="#">RXRA_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.43e-04
<i>E</i> -value	2.18e-01
<i>q</i> -value	2.00e-02
Overlap	20
Offset	-1
Orientation	Normal
<a href="#">Show logo download options</a>	

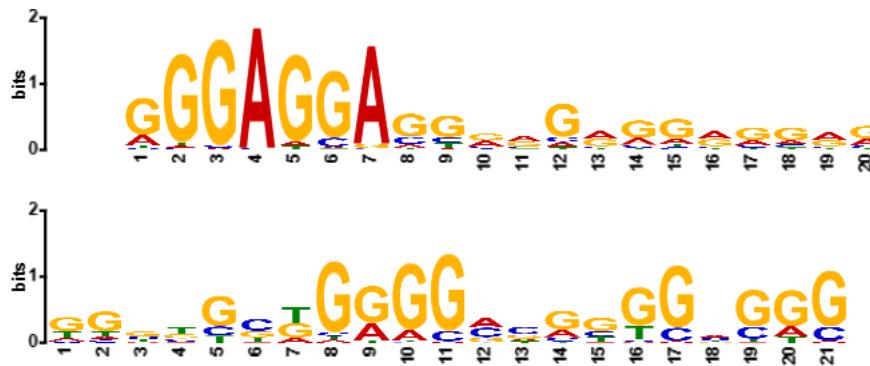
#### Optimal Alignment



#### Summary

#### Optimal Alignment

Name	<a href="#">ZN263_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.75e-04
<i>E</i> -value	2.30e-01
<i>q</i> -value	2.02e-02
Overlap	19
Offset	-2
Orientation	Normal
<a href="#">Show logo download options</a>	



## Summary

Name	<a href="#">KLF3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.38e-04
<i>E</i> -value	2.56e-01
<i>q</i> -value	2.14e-02
Overlap	19
Offset	-2
Orientation	Normal
<a href="#">Show logo download options</a>	

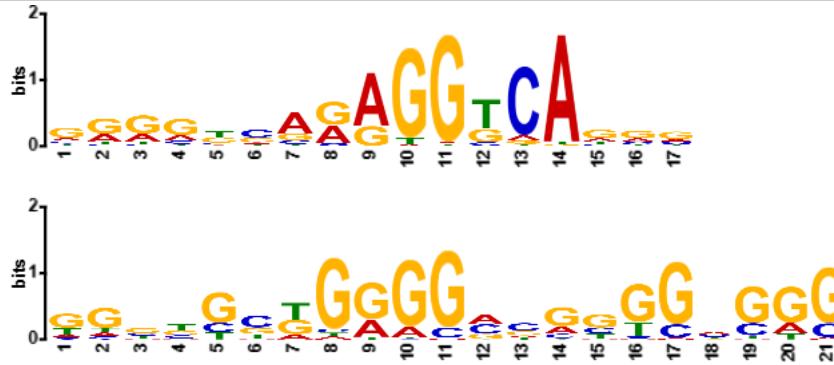
## Optimal Alignment



## Summary

Name	<a href="#">COT1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.74e-04
<i>E</i> -value	2.70e-01
<i>q</i> -value	2.17e-02
Overlap	17
Offset	0
Orientation	Normal
<a href="#">Show logo download options</a>	

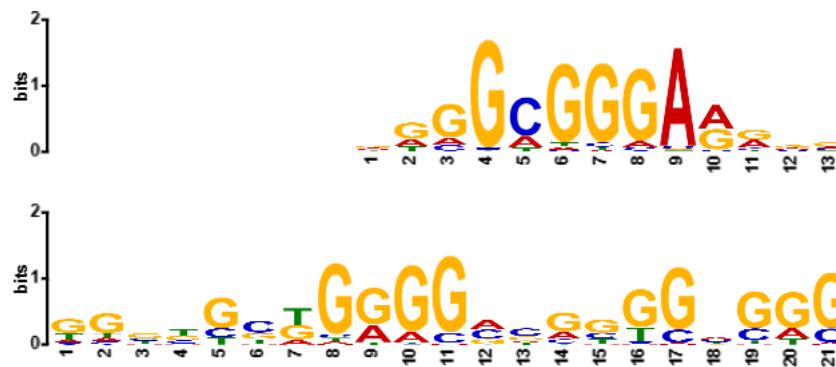
## Optimal Alignment



## Summary

## Optimal Alignment

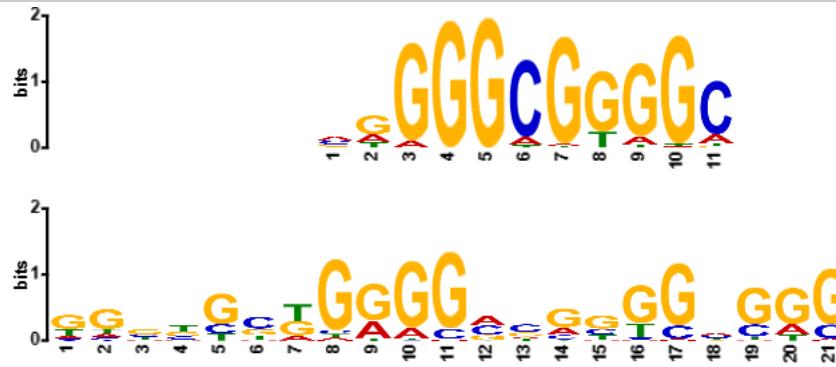
Name	<a href="#">E2F6_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.65e-04
<i>E</i> -value	3.07e-01
<i>q</i> -value	2.36e-02
Overlap	13
Offset	-8
Orientation	Normal
<a href="#">Show logo download options</a>	



### Summary

Name	<a href="#">KLF12_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.98e-04
<i>E</i> -value	4.00e-01
<i>q</i> -value	2.93e-02
Overlap	11
Offset	-7
Orientation	Normal
<a href="#">Show logo download options</a>	

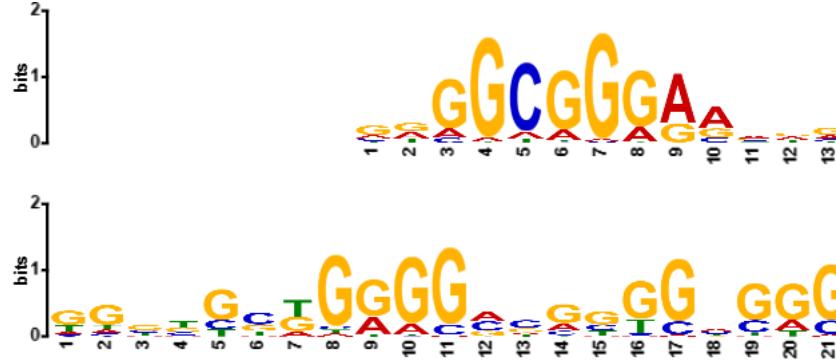
### Optimal Alignment



### Summary

Name	<a href="#">E2F7_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.02e-03
<i>E</i> -value	4.11e-01
<i>q</i> -value	2.93e-02
Overlap	13
Offset	-8
Orientation	Normal
<a href="#">Show logo download options</a>	

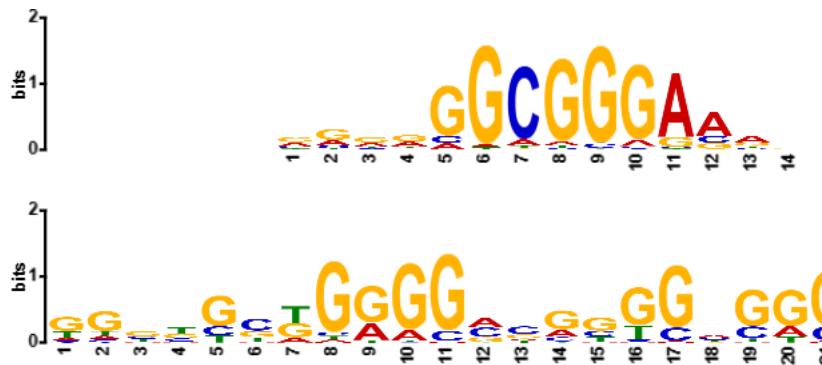
### Optimal Alignment



### Summary

### Optimal Alignment

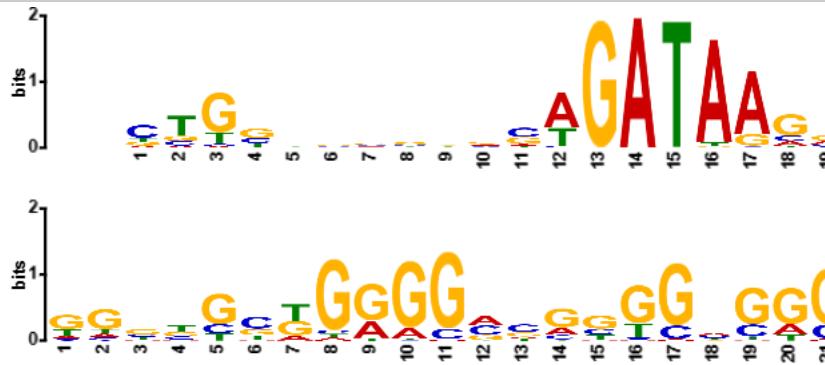
Name	<a href="#">TFDP1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.46e-03
<i>E</i> -value	5.87e-01
<i>q</i> -value	4.03e-02
Overlap	14
Offset	-6
Orientation	Normal
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### Summary

Name	<a href="#">TAL1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.67e-03
<i>E</i> -value	6.68e-01
<i>q</i> -value	4.43e-02
Overlap	19
Offset	-2
Orientation	Normal
<a href="#">Show logo download options</a>	

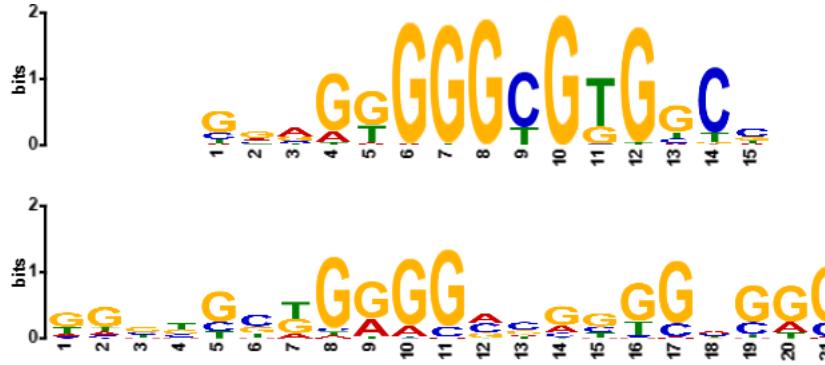
### Optimal Alignment



### Summary

Name	<a href="#">KLF9_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.54e-03
<i>E</i> -value	1.02e+00
<i>q</i> -value	6.53e-02
Overlap	15
Offset	-4
Orientation	Normal
<a href="#">Show logo download options</a>	

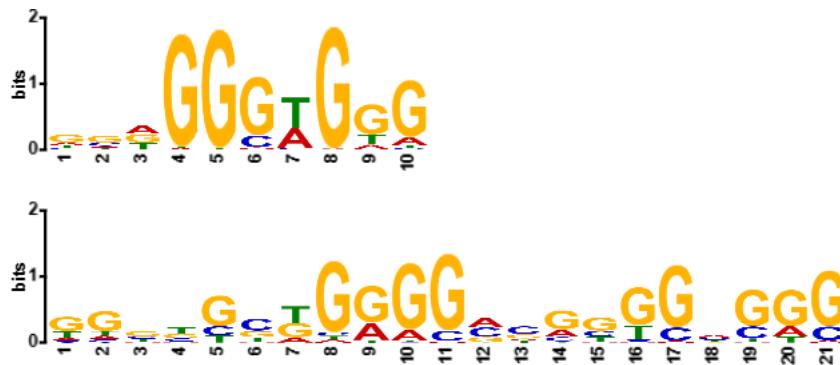
### Optimal Alignment



### Summary

### Optimal Alignment

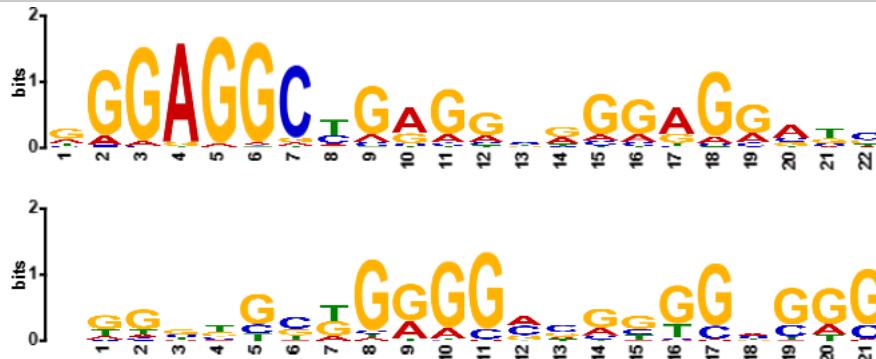
Name	<a href="#">SALL4_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.93e-03
<i>E</i> -value	1.58e+00
<i>q</i> -value	9.78e-02
Overlap	10
Offset	0
Orientation	Normal
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#### Summary

Name	<a href="#">ZN770_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.24e-03
<i>E</i> -value	2.10e+00
<i>q</i> -value	1.26e-01
Overlap	21
Offset	1
Orientation	Normal
<a href="#">Show logo download options</a>	

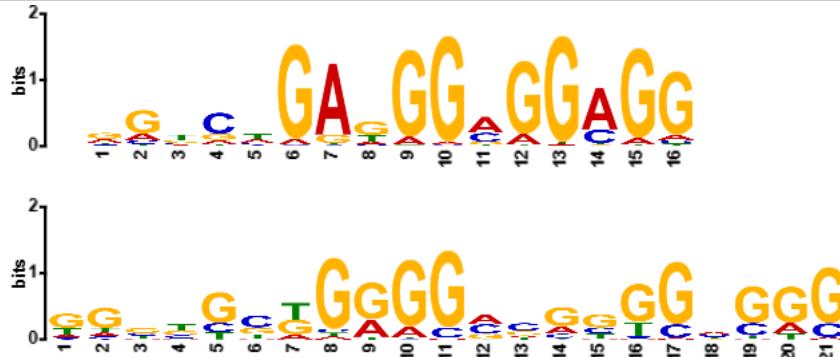
#### Optimal Alignment



#### Summary

Name	<a href="#">ZSC22_HUMAN.H11MO.0.C</a>
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	1.33e-01
Overlap	16
Offset	-1
Orientation	Normal
<a href="#">Show logo download options</a>	

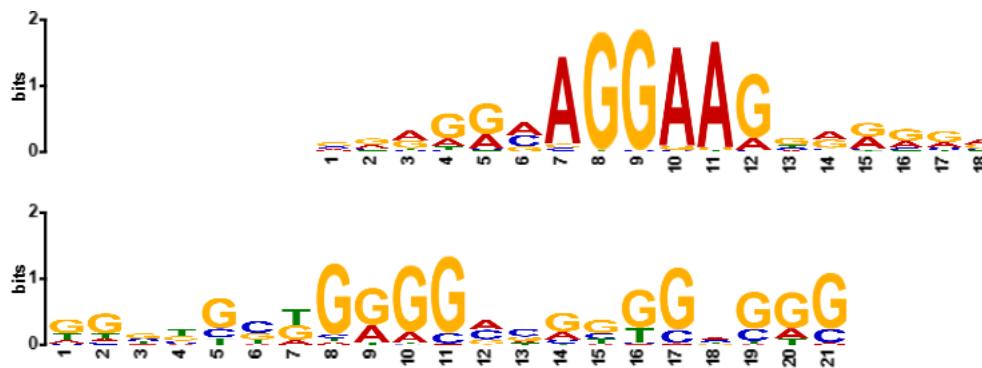
#### Optimal Alignment



#### Summary

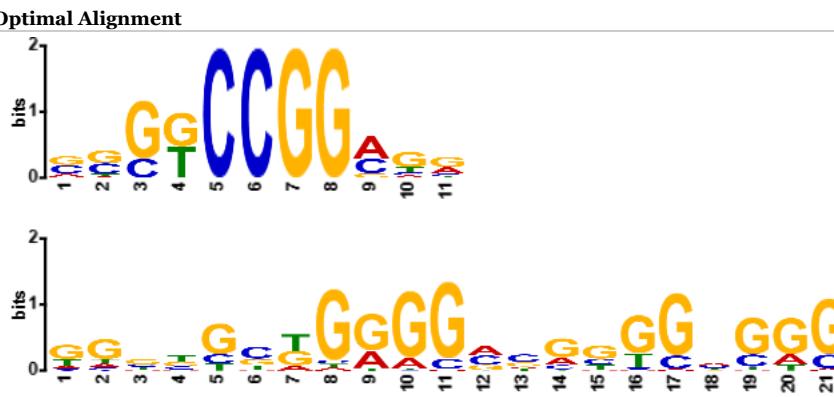
#### Optimal Alignment

Name	<a href="#">FLI1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.14e-03
<i>E</i> -value	2.46e+00
<i>q</i> -value	1.39e-01
Overlap	14
Offset	-7
Orientation	Normal
<a href="#">Show logo download options</a>	



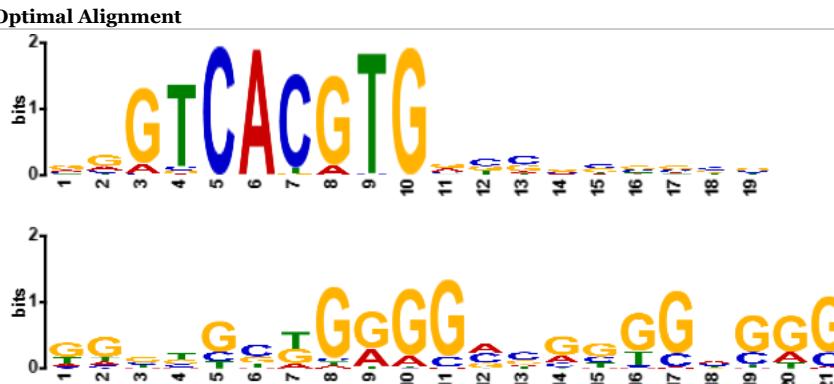
## Summary

Name	<a href="#">MBD2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.02e-03
<i>E</i> -value	2.81e+00
<i>q</i> -value	1.54e-01
Overlap	11
Offset	0
Orientation	Normal
<a href="#">Show logo download options</a>	



## Summary

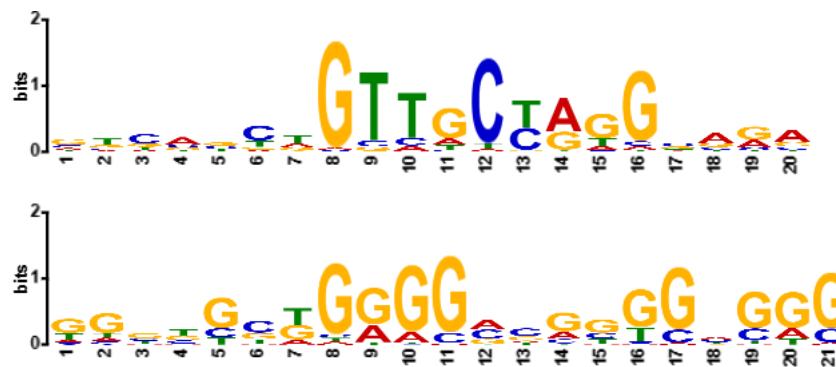
Name	<a href="#">USF2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.17e-03
<i>E</i> -value	2.88e+00
<i>q</i> -value	1.54e-01
Overlap	19
Offset	0
Orientation	Normal
<a href="#">Show logo download options</a>	



## Summary

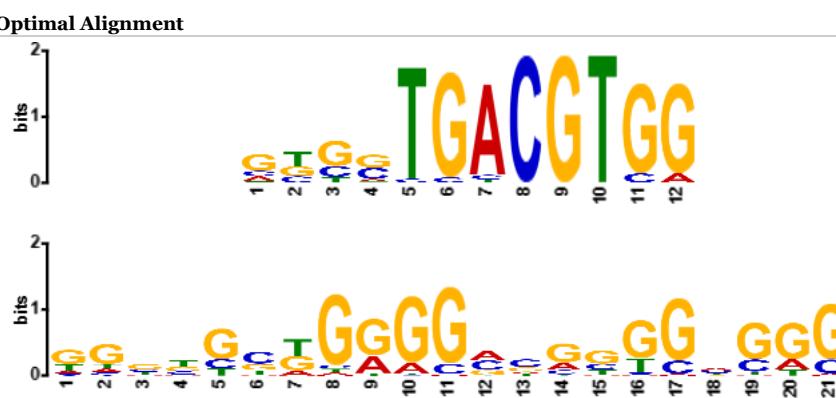
### Optimal Alignment

<b>Name</b>	<a href="#">RFX5_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	8.94e-03
<b>E-value</b>	3.58e+00
<b>q-value</b>	1.86e-01
<b>Overlap</b>	20
<b>Offset</b>	0
<b>Orientation</b>	Normal
<a href="#">Show logo download options</a>	



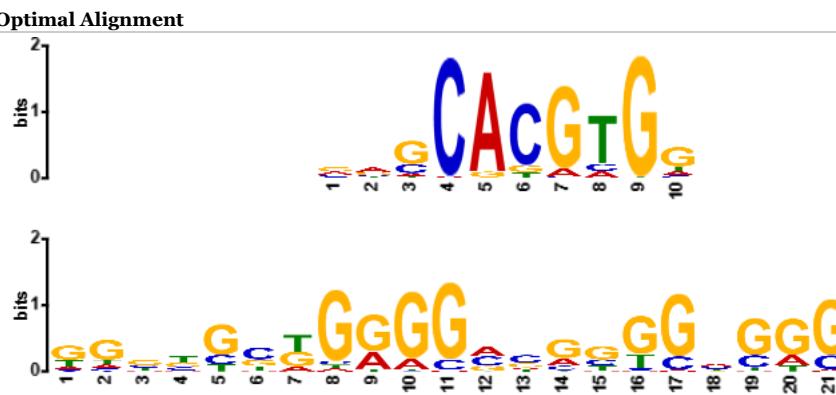
## Summary

<b>Name</b>	<a href="#">ATF6A_HUMAN.H11MO.0.B</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	9.54e-03
<b>E-value</b>	3.82e+00
<b>q-value</b>	1.94e-01
<b>Overlap</b>	12
<b>Offset</b>	-5
<b>Orientation</b>	Normal
	<a href="#">Show logo download options</a>



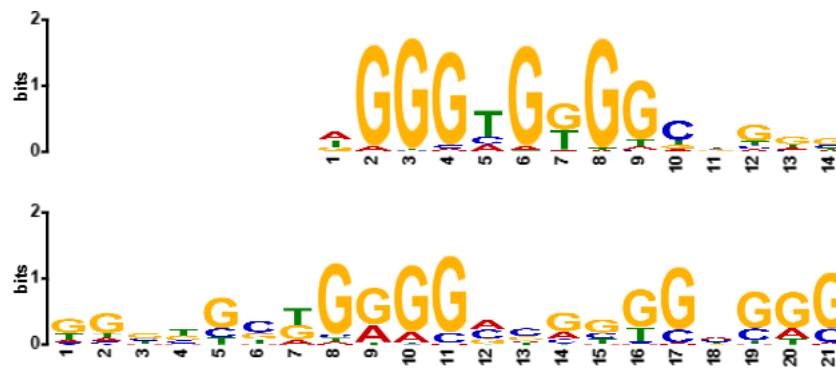
## Summary

<b>Name</b>	<a href="#">MAX_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.03e-02
<b>E-value</b>	4.12e+00
<b>q-value</b>	2.03e-01
<b>Overlap</b>	10
<b>Offset</b>	-7
<b>Orientation</b>	Normal
<a href="#">Show logo download options</a>	



### **Summary**

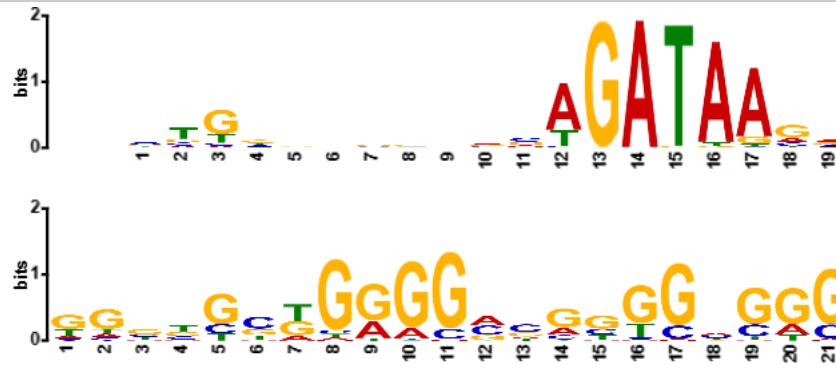
Name	<a href="#">KLF5_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.24e-02
<i>E</i> -value	4.98e+00
<i>q</i> -value	2.40e-01
Overlap	14
Offset	-7
Orientation	Normal
<a href="#">Show logo download options</a>	



### Summary

Name	<a href="#">GATA1_HUMAN.H11MO.0.A</a>
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	2.86e-01
Overlap	19
Offset	-2
Orientation	Normal
<a href="#">Show logo download options</a>	

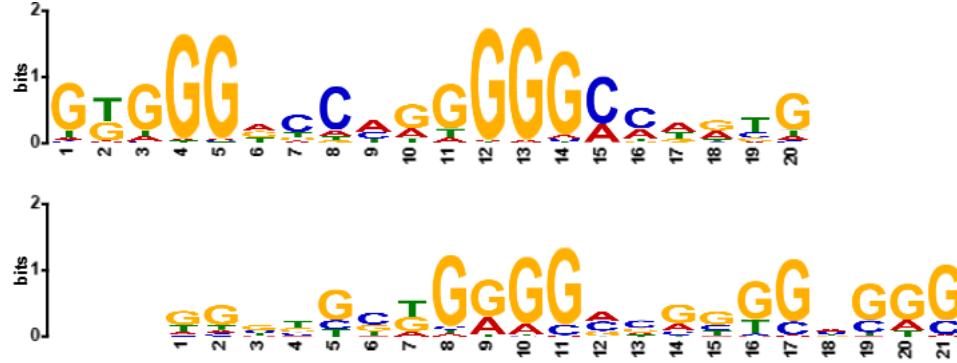
### Optimal Alignment



### Summary

Name	<a href="#">ZN320_HUMAN.H11MO.0.C</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	2.86e-01
Overlap	17
Offset	3
Orientation	Normal
<a href="#">Show logo download options</a>	

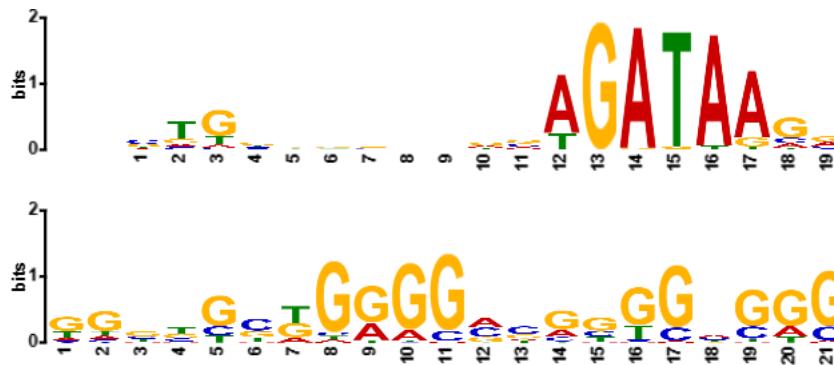
### Optimal Alignment



### Summary

### Optimal Alignment

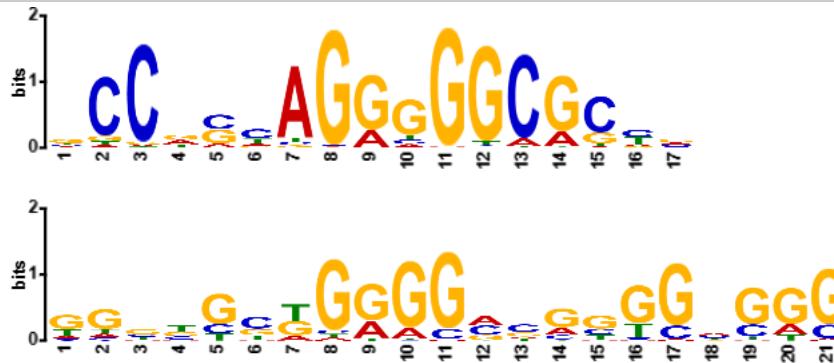
Name	<a href="#">GATA2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.78e-02
<i>E</i> -value	7.14e+00
<i>q</i> -value	3.19e-01
Overlap	19
Offset	-2
Orientation	Normal
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### Summary

Name	<a href="#">CTCFL_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.85e-02
<i>E</i> -value	7.43e+00
<i>q</i> -value	3.22e-01
Overlap	17
Offset	0
Orientation	Normal
<a href="#">Show logo download options</a>	

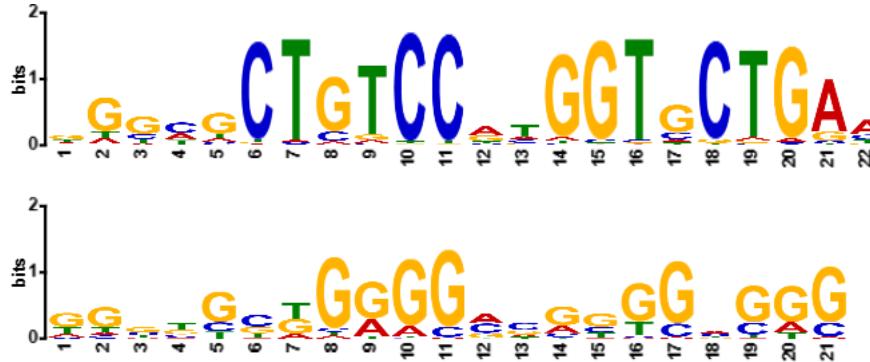
### Optimal Alignment



### Summary

Name	<a href="#">REST_HUMAN.H11MO.0.A</a>
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	3.22e-01
Overlap	21
Offset	0
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

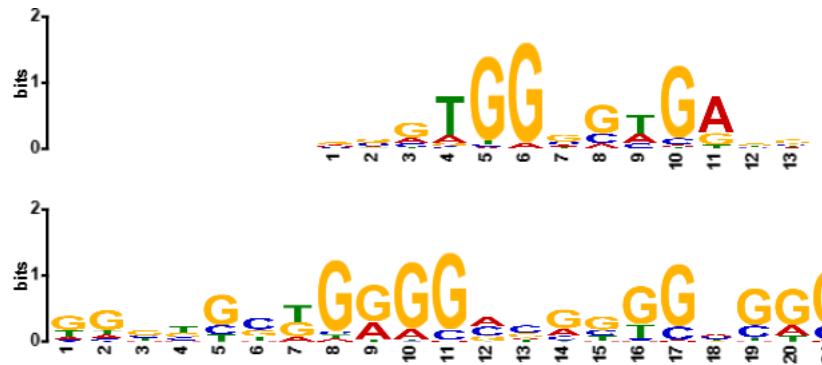
### Optimal Alignment



### Summary

### Optimal Alignment

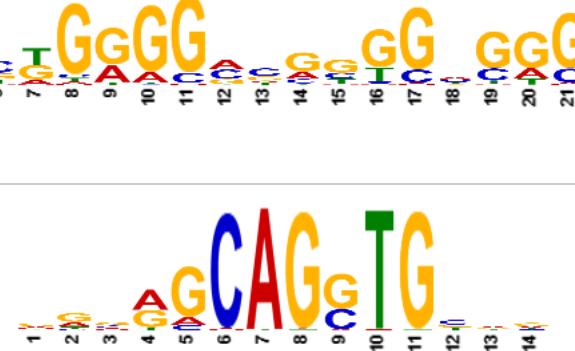
Name	<a href="#">SRBP2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.93e-02
<i>E</i> -value	7.74e+00
<i>q</i> -value	3.24e-01
Overlap	13
Offset	-7
Orientation	Normal
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#### Summary

Name	<a href="#">ASCL1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.15e-02
<i>E</i> -value	8.60e+00
<i>q</i> -value	3.52e-01
Overlap	14
Offset	-6
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

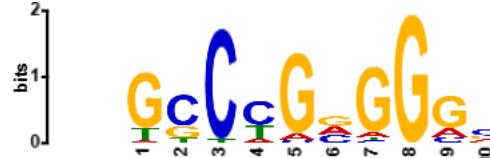
#### Optimal Alignment



#### Summary

Name	<a href="#">AP2B_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.48e-02
<i>E</i> -value	9.93e+00
<i>q</i> -value	3.95e-01
Overlap	10
Offset	-2
Orientation	Normal
<a href="#">Show logo download options</a>	

#### Optimal Alignment



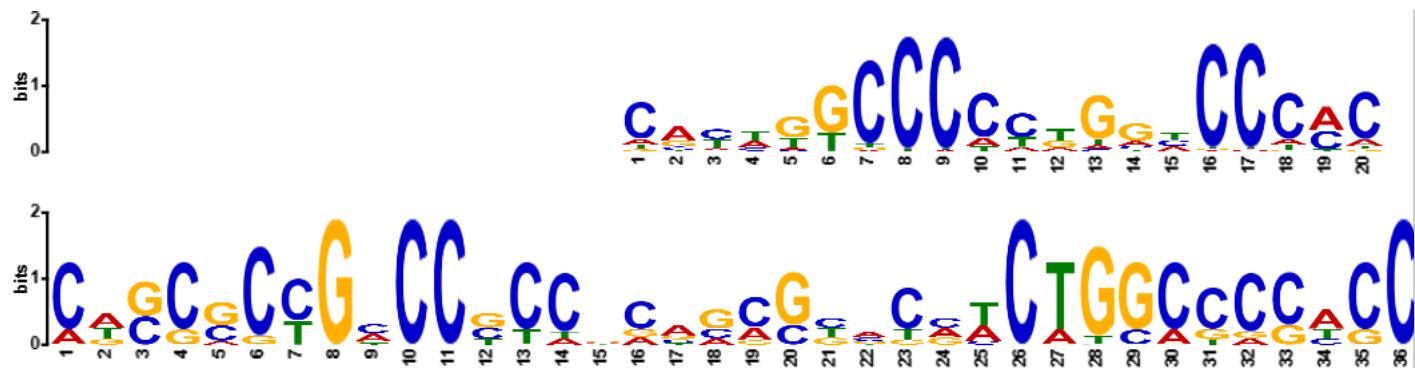
MATCHES TO CWSCSCSYGMCCSNCASCGBMCVWCTGGCCCCWCCMGGRMNGCCCGVC (MEME-3)

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#### Summary

#### Optimal Alignment

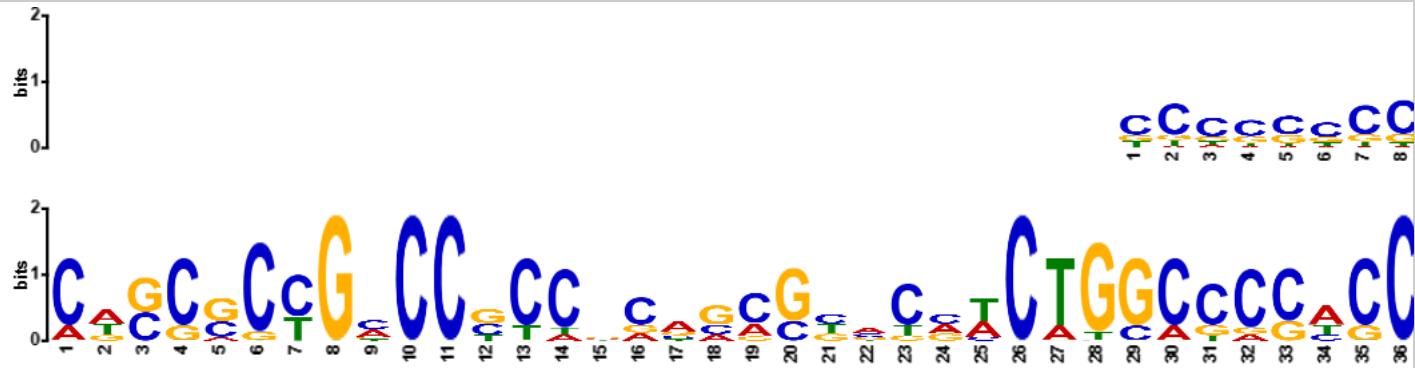
Name	<a href="#">ZN320_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	6.58e-04
E-value	2.64e-01
q-value	4.20e-01
Overlap	20
Offset	-15
Orientation	Reverse Complement
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## Summary

Name	<a href="#">SP1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.57e-03
E-value	6.30e-01
q-value	4.20e-01
Overlap	22
Offset	-28
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

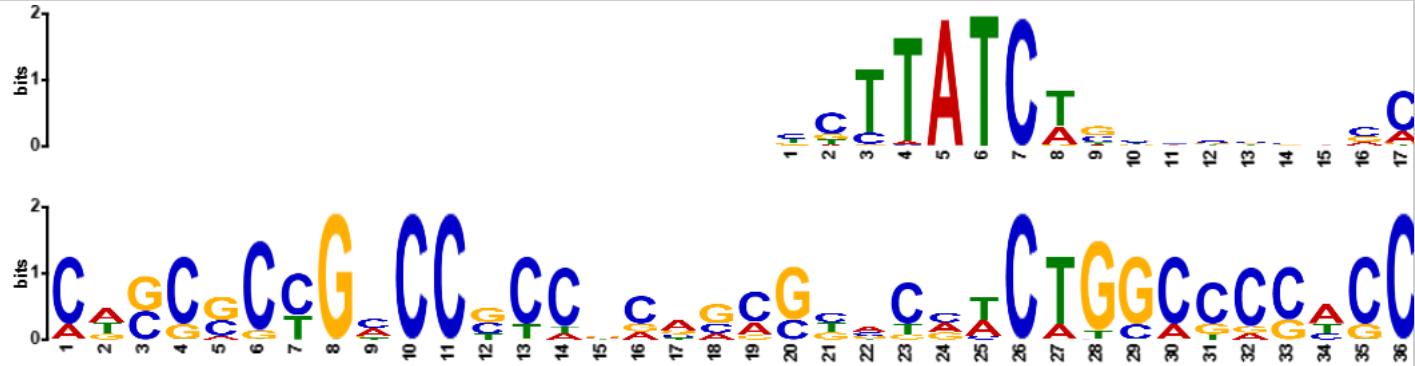
## Optimal Alignment



## Summary

Name	<a href="#">TAL1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.58e-03
E-value	6.32e-01
q-value	4.20e-01
Overlap	19
Offset	-19
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

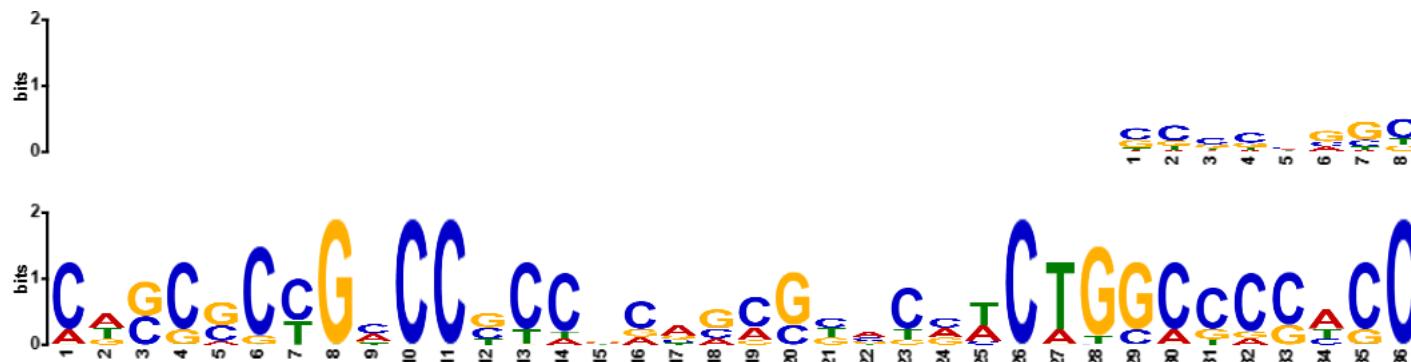
## Optimal Alignment



## Summary

## Optimal Alignment

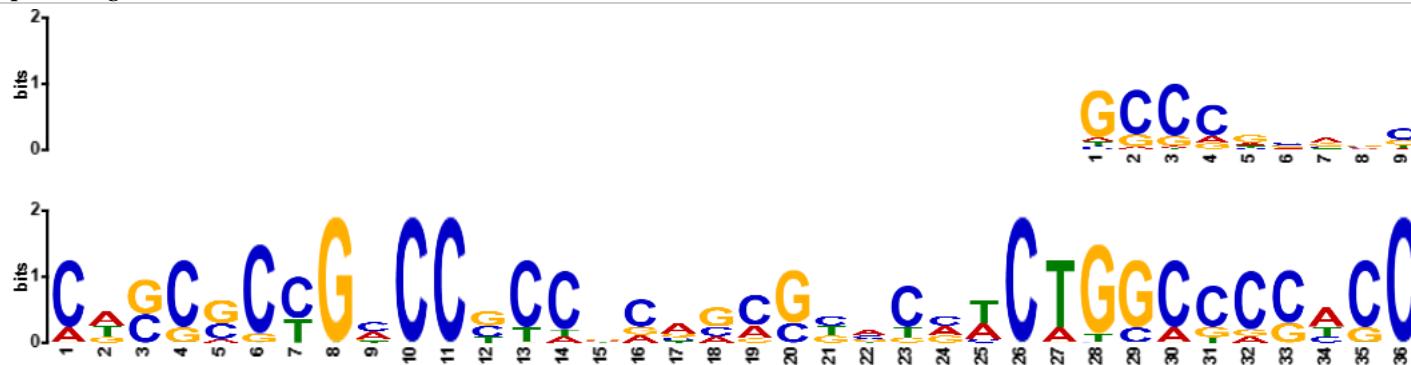
Name	<a href="#">SP2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.89e-03
<i>E</i> -value	1.16e+00
<i>q</i> -value	4.33e-01
Overlap	22
Offset	-28
Orientation	Reverse Complement
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## Summary

Name	<a href="#">THAP1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.89e-03
<i>E</i> -value	1.16e+00
<i>q</i> -value	4.33e-01
Overlap	22
Offset	-27
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

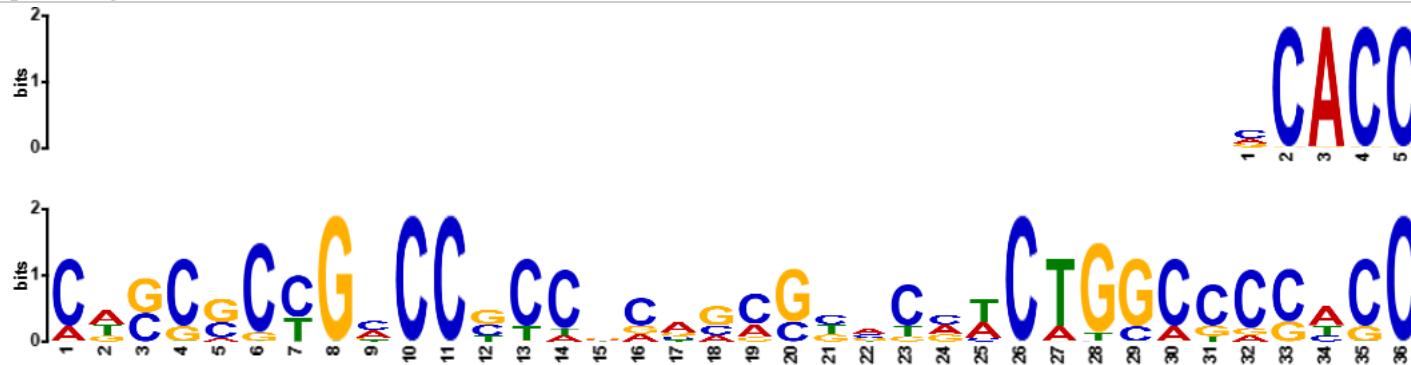
## Optimal Alignment



## Summary

Name	<a href="#">SNAI1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.47e-03
<i>E</i> -value	1.39e+00
<i>q</i> -value	4.33e-01
Overlap	8
Offset	-31
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

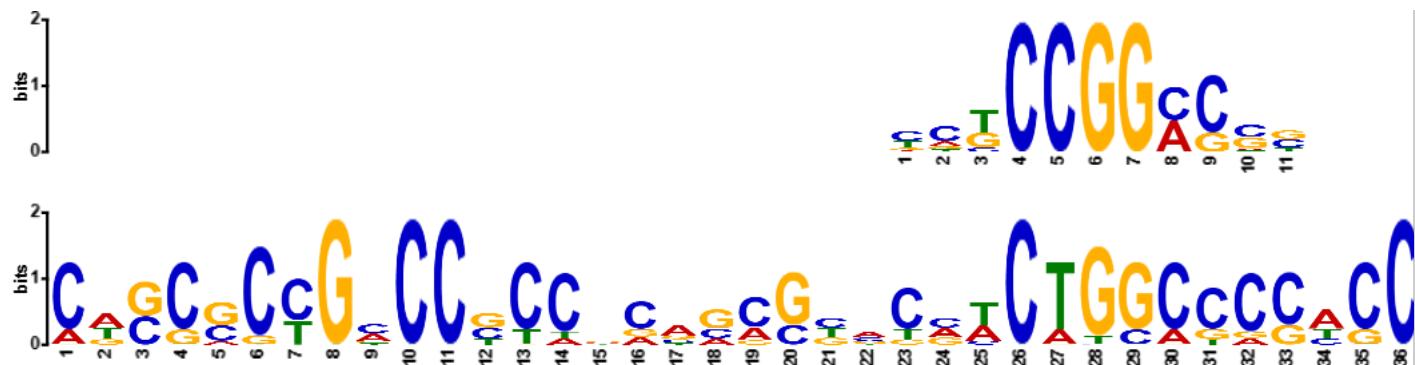
## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">MBD2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.79e-03
<i>E</i> -value	1.52e+00
<i>q</i> -value	4.33e-01
Overlap	11
Offset	-22
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	



## Summary

Name	<a href="#">NR2C1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.35e-03
<i>E</i> -value	2.55e+00
<i>q</i> -value	6.34e-01
Overlap	13
Offset	-18
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

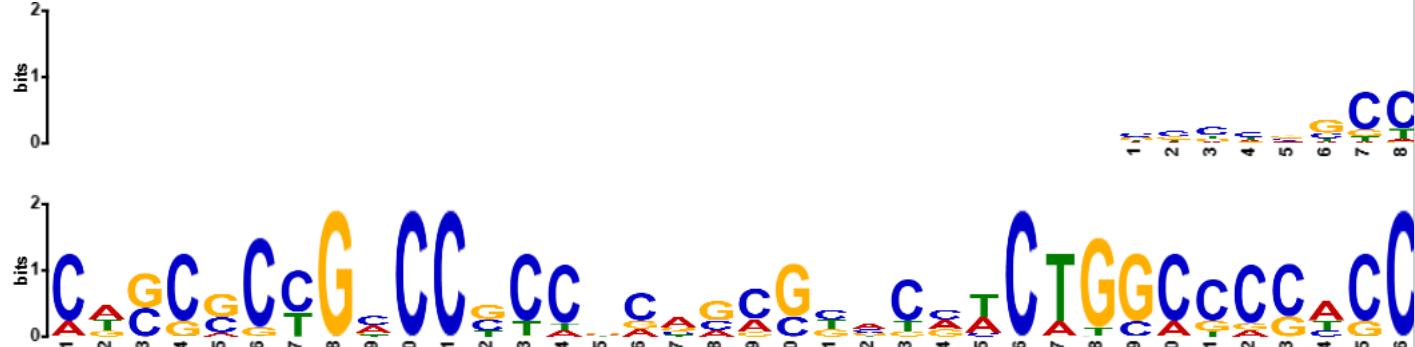
## Optimal Alignment



## Summary

Name	<a href="#">SP3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.88e-03
<i>E</i> -value	3.56e+00
<i>q</i> -value	7.89e-01
Overlap	20
Offset	-28
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

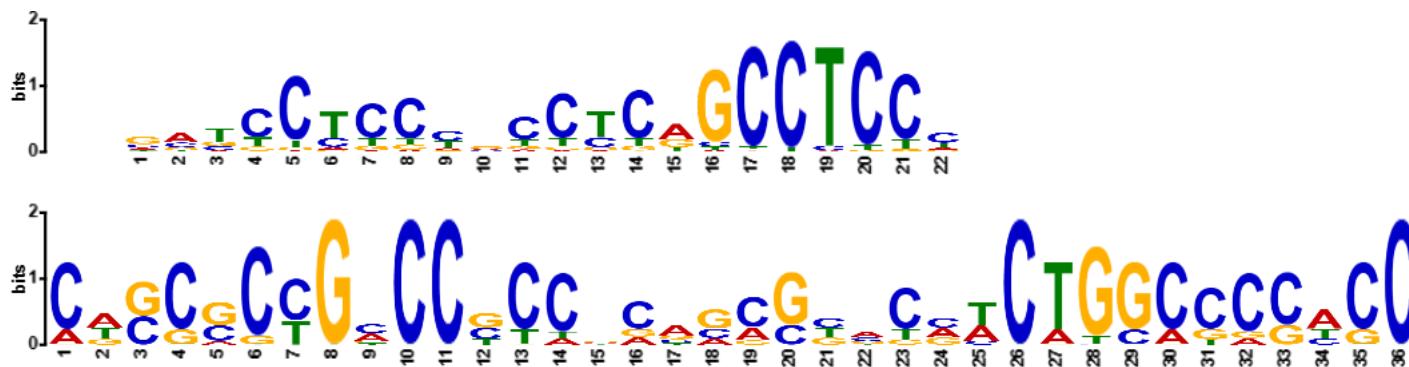
## Optimal Alignment



## Summary

## Optimal Alignment

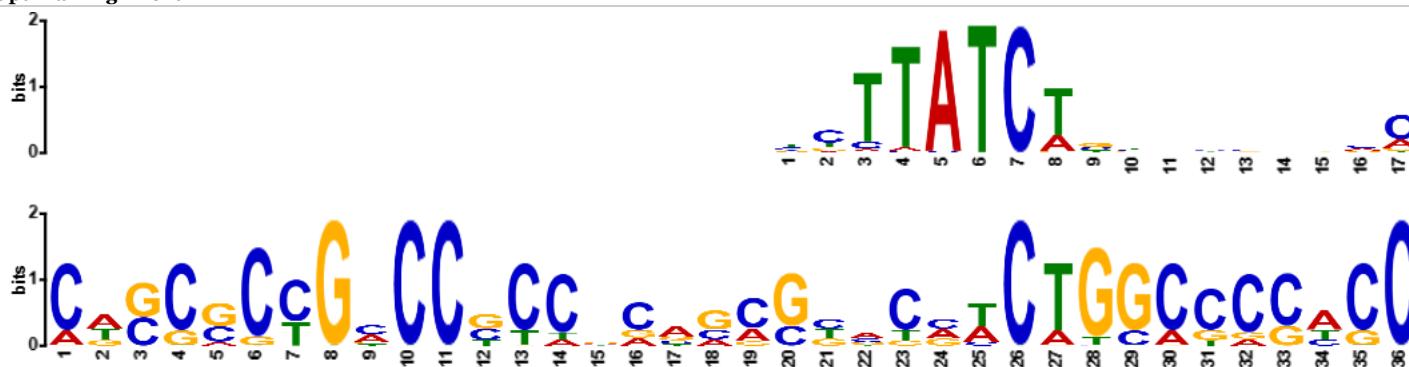
Name	<a href="#">ZN770_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.00e-02
<i>E</i> -value	4.02e+00
<i>q</i> -value	8.01e-01
Overlap	22
Offset	-2
Orientation	Reverse Complement
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## Summary

Name	<a href="#">GATA1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.30e-02
<i>E</i> -value	5.21e+00
<i>q</i> -value	8.66e-01
Overlap	19
Offset	-19
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

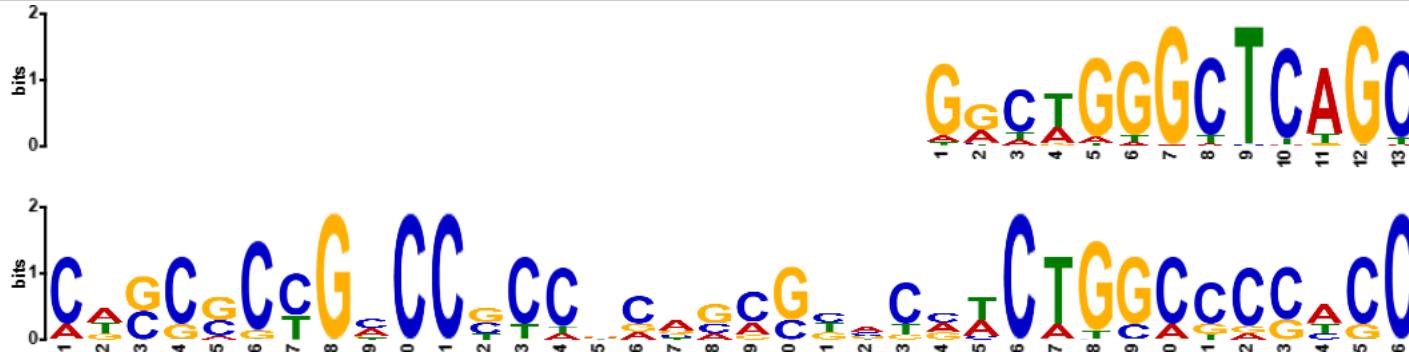
## Optimal Alignment



## Summary

Name	<a href="#">ZN331_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.31e-02
<i>E</i> -value	5.24e+00
<i>q</i> -value	8.66e-01
Overlap	20
Offset	-23
Orientation	Normal
	<a href="#">Show logo download options</a>

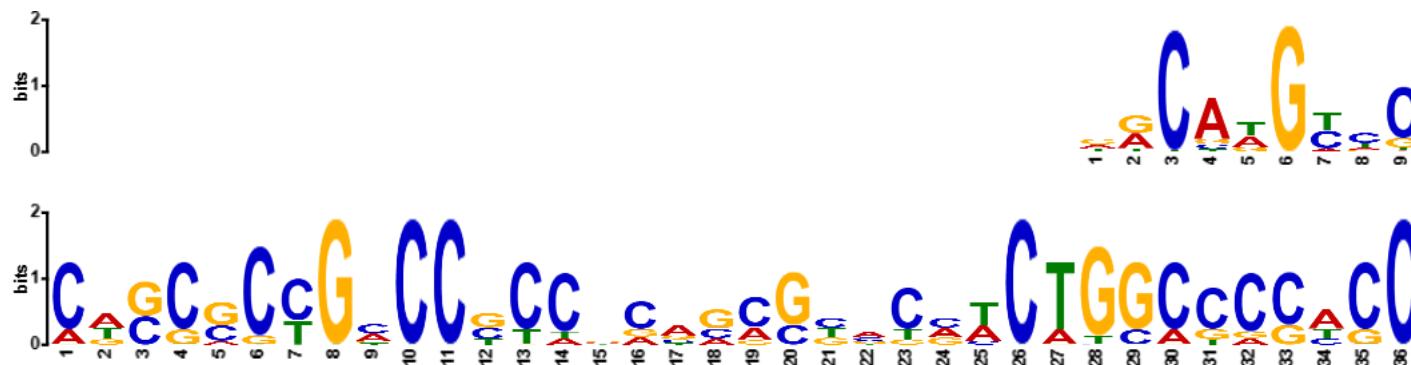
## Optimal Alignment



## Summary

## Optimal Alignment

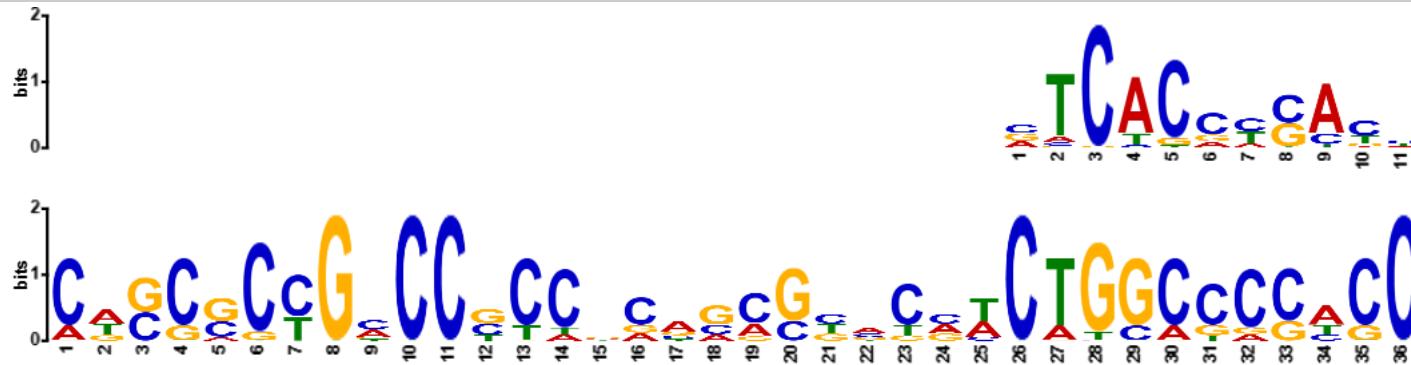
Name	<a href="#">P63_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.43e-02
<i>E</i> -value	5.74e+00
<i>q</i> -value	8.66e-01
Overlap	19
Offset	-27
Orientation	Normal
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## Summary

Name	<a href="#">SRBP1_HUMAN.H11MO.0.A</a>
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	8.66e-01
Overlap	11
Offset	-25
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

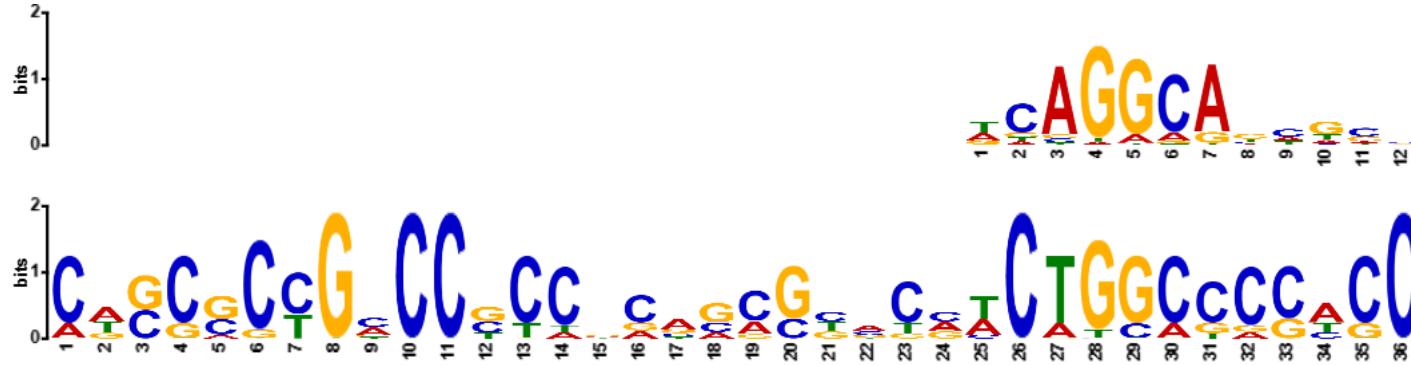
## Optimal Alignment



## Summary

Name	<a href="#">ZN335_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.65e-02
<i>E</i> -value	6.60e+00
<i>q</i> -value	8.66e-01
Overlap	22
Offset	-24
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

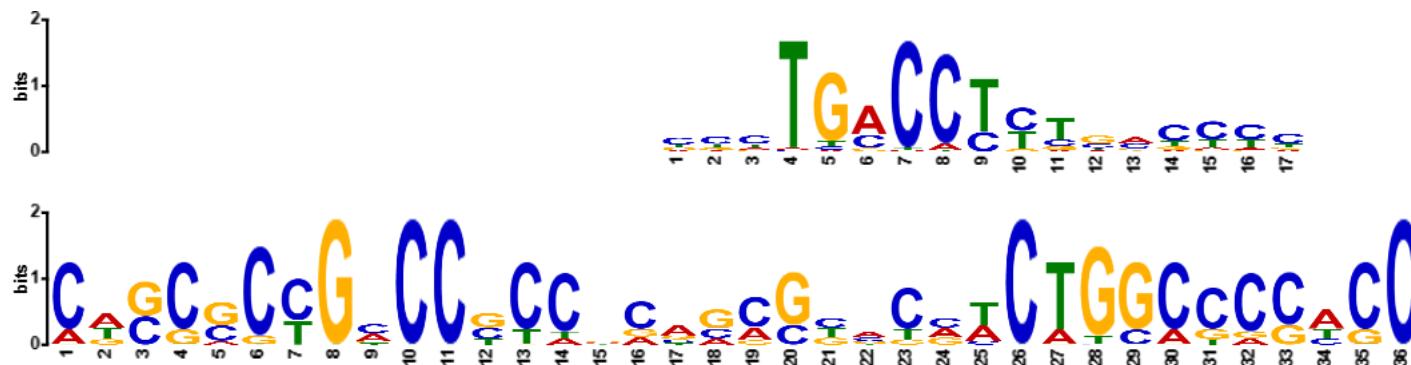
## Optimal Alignment



## Summary

## Optimal Alignment

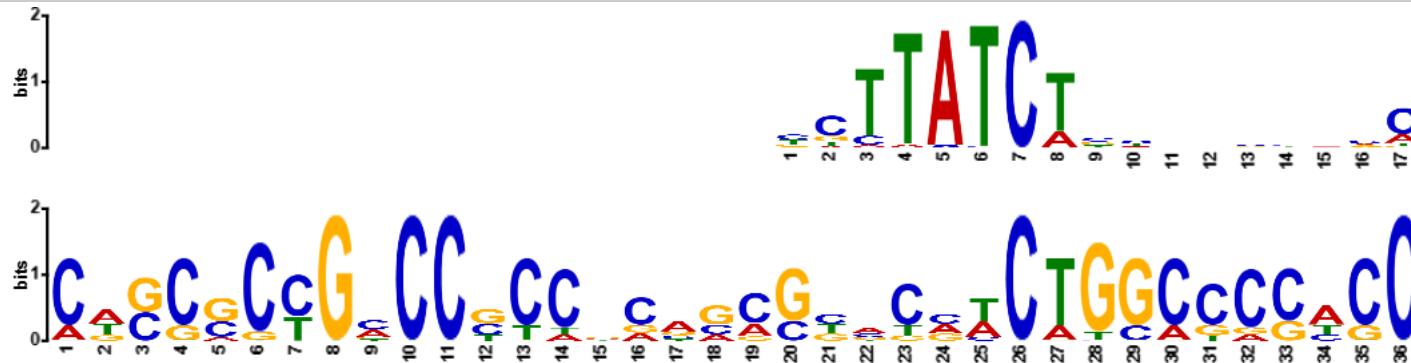
Name	<a href="#">COT1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.74e-02
<i>E</i> -value	6.96e+00
<i>q</i> -value	8.66e-01
Overlap	17
Offset	-16
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	



### Summary

Name	<a href="#">GATA2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.91e-02
<i>E</i> -value	7.66e+00
<i>q</i> -value	8.92e-01
Overlap	19
Offset	-19
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

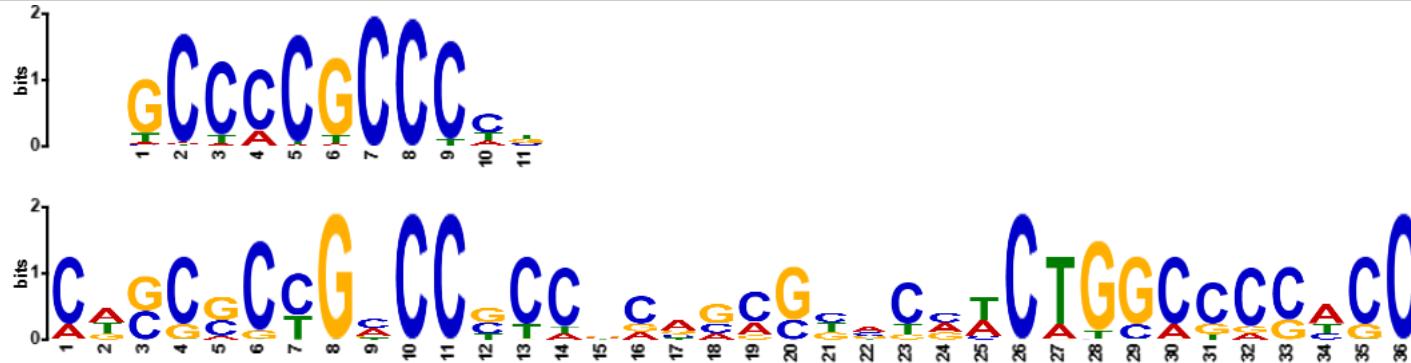
### Optimal Alignment



### Summary

Name	<a href="#">KLF12_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.01e-02
<i>E</i> -value	8.08e+00
<i>q</i> -value	8.92e-01
Overlap	11
Offset	-2
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

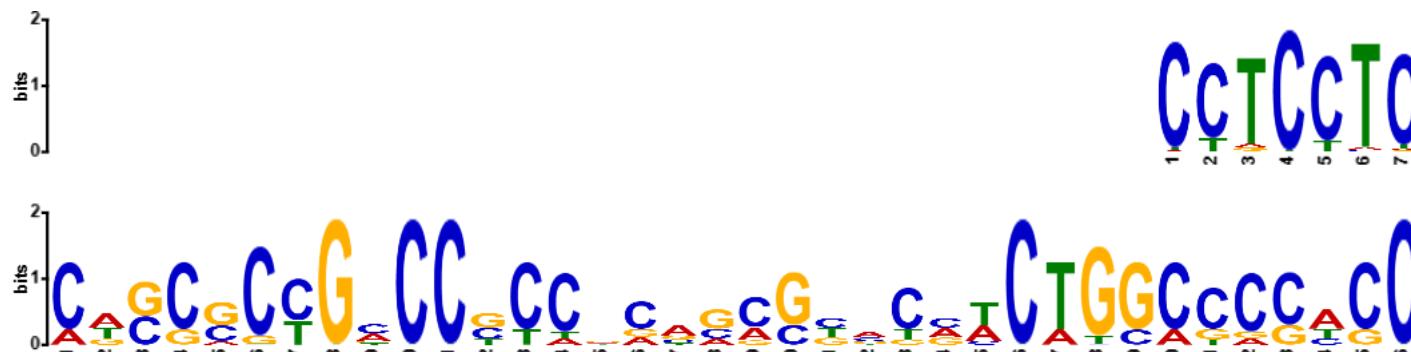
### Optimal Alignment



### Summary

### Optimal Alignment

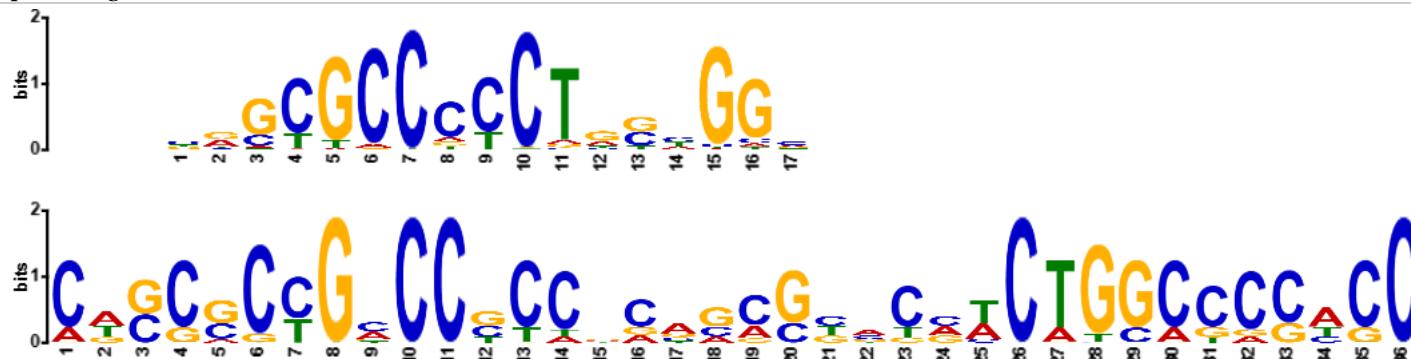
Name	<a href="#">ZN436_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.21e-02
<i>E</i> -value	8.85e+00
<i>q</i> -value	8.92e-01
Overlap	21
Offset	-29
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



### Summary

Name	<a href="#">CTCFL_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.23e-02
<i>E</i> -value	8.95e+00
<i>q</i> -value	8.92e-01
Overlap	17
Offset	-3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

### Optimal Alignment



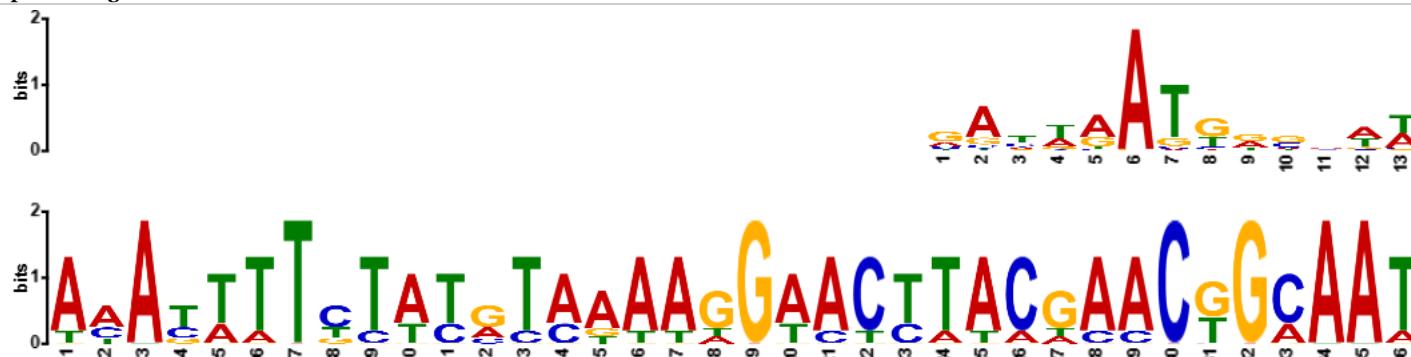
### MATCHES TO AMAYTTTYTATRTAAAAGGAACCTACGAACKGCAATTAAATTYAAAGACA (MEME-4)

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### Summary

Name	<a href="#">NKX61_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.31e-04
<i>E</i> -value	2.13e-01
<i>q</i> -value	4.26e-01
Overlap	19
Offset	-23
Orientation	Normal
	<a href="#">Show logo download options</a>

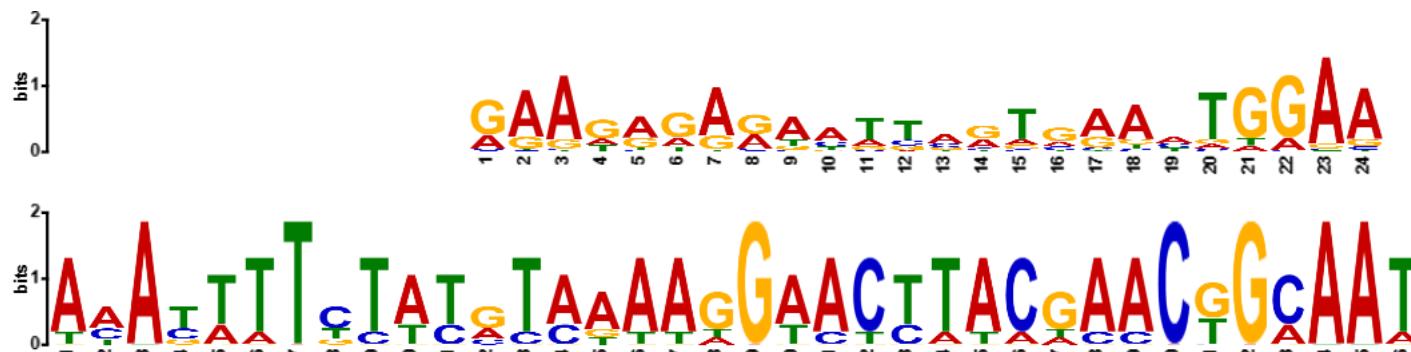
### Optimal Alignment



### Summary

### Optimal Alignment

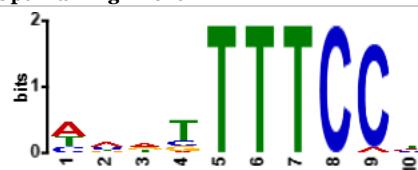
Name	<a href="#">ZFP82_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.77e-03
<i>E</i> -value	1.91e+00
<i>q</i> -value	1.00e+00
Overlap	24
Offset	-11
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">NFAC4_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.00e-03
<i>E</i> -value	2.01e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

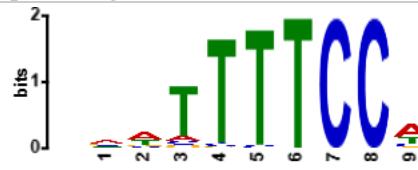
#### Optimal Alignment



#### Summary

Name	<a href="#">NFAC2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.75e-03
<i>E</i> -value	2.71e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	-1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

#### Optimal Alignment



#### Summary

#### Optimal Alignment

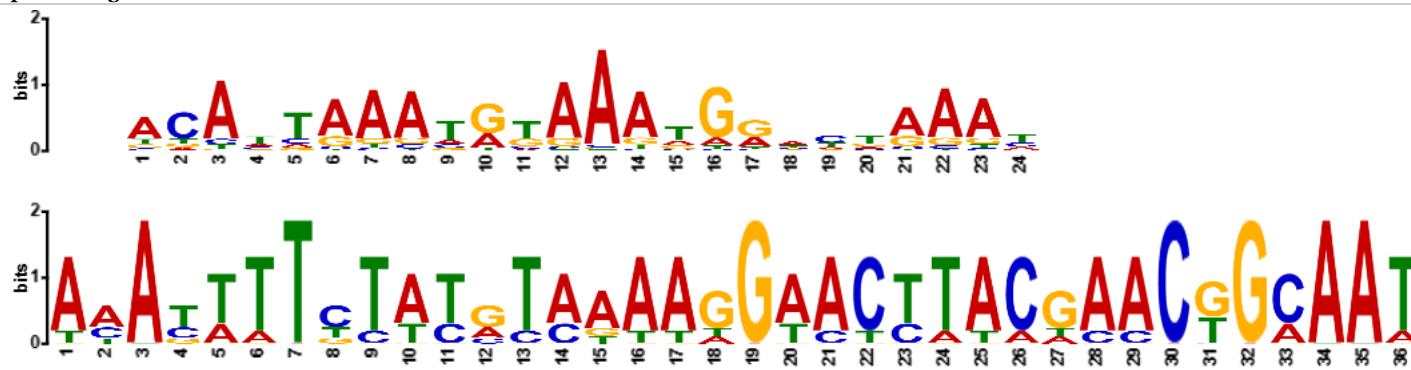
Name	<a href="#">TBP_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.43e-03
<i>E</i> -value	3.38e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	-9
Orientation	Normal
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## Summary

Name	<a href="#">Z354A_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.62e-03
<i>E</i> -value	3.86e+00
<i>q</i> -value	1.00e+00
Overlap	24
Offset	-2
Orientation	Reverse Complement
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## Optimal Alignment



## Summary

Name	<a href="#">ALX1_HUMAN.H11MO.0.B</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	1.00e+00
Overlap	12
Offset	-37
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">CDX2_HUMAN.H11MO.0.A</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	1.00e+00
Overlap	12
Offset	-28
Orientation	Reverse Complement
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### Summary

Name	<a href="#">HXC9_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.88e-02
<i>E</i> -value	7.52e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	-30
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

### Optimal Alignment



### Summary

Name	<a href="#">STAT2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.45e-02
<i>E</i> -value	9.81e+00
<i>q</i> -value	1.00e+00
Overlap	19
Offset	-28
Orientation	Normal
	<a href="#">Show logo download options</a>

### Optimal Alignment



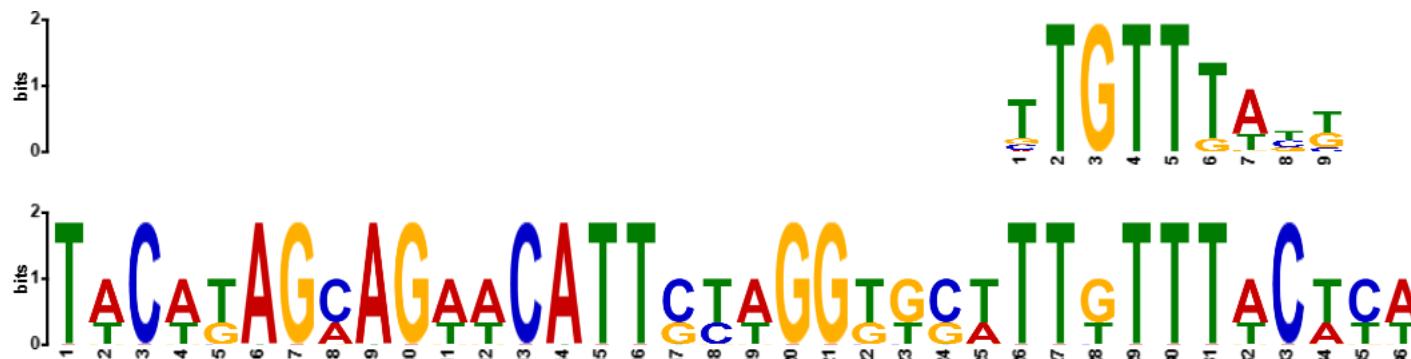
MATCHES TO TWCWKAGMAGWWCATTSYWGGKKSWTKTTCWCWYWSTGMC (MEME-5)

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### Summary

### Optimal Alignment

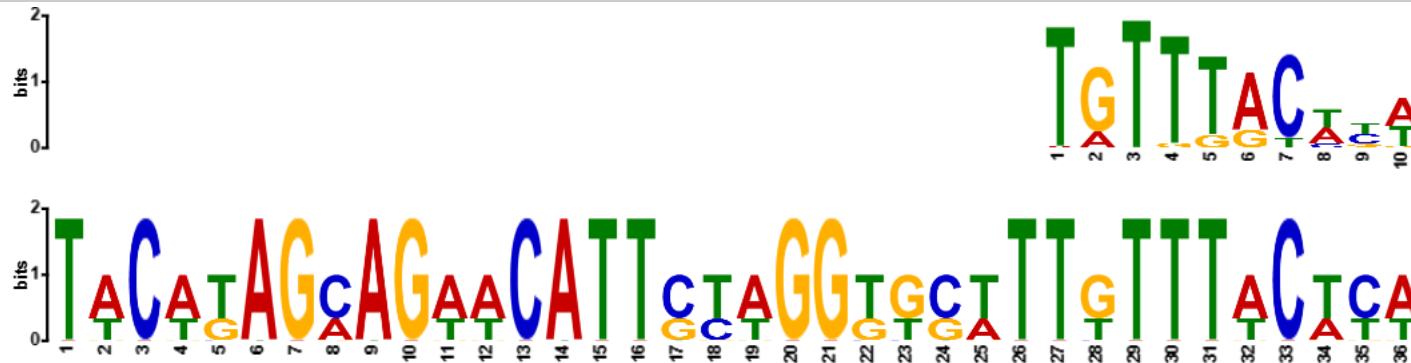
Name	<a href="#">FOXO4_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.10e-04
<i>E</i> -value	4.42e-02
<i>q</i> -value	4.91e-02
Overlap	9
Offset	-25
Orientation	Normal
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## Summary

Name	<a href="#">FOXA2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.16e-04
<i>E</i> -value	8.66e-02
<i>q</i> -value	4.91e-02
Overlap	12
Offset	-26
Orientation	Normal
<a href="#">Show logo download options</a>	

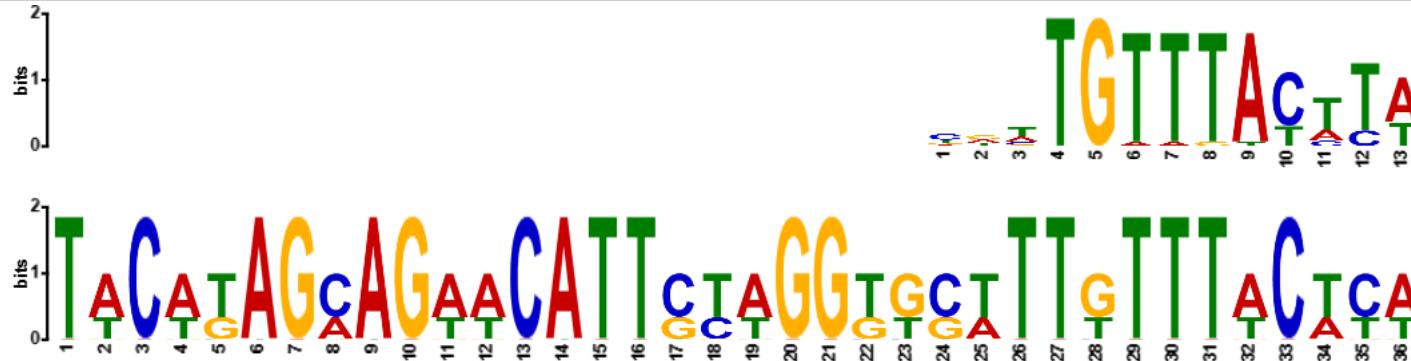
## Optimal Alignment



## Summary

Name	<a href="#">FOXC1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.35e-04
<i>E</i> -value	9.44e-02
<i>q</i> -value	4.91e-02
Overlap	15
Offset	-23
Orientation	Normal
<a href="#">Show logo download options</a>	

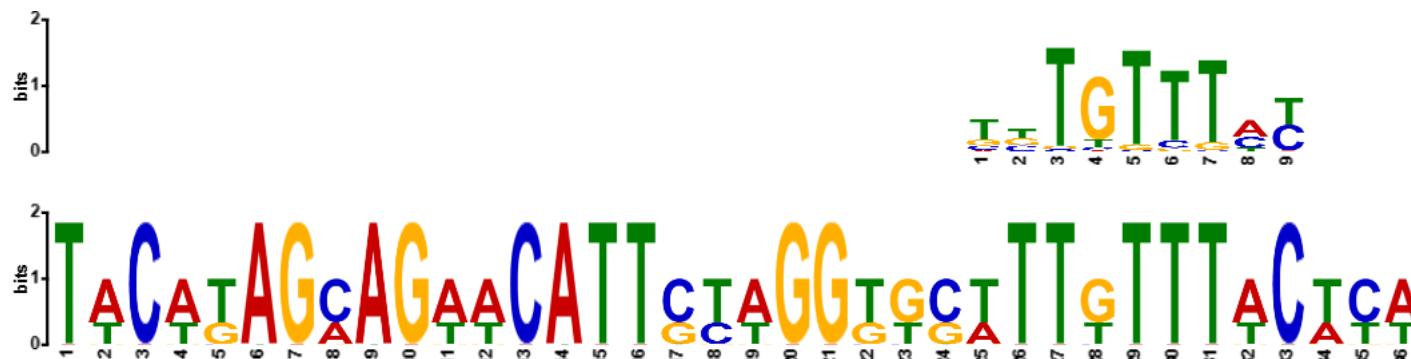
## Optimal Alignment



## Summary

## Optimal Alignment

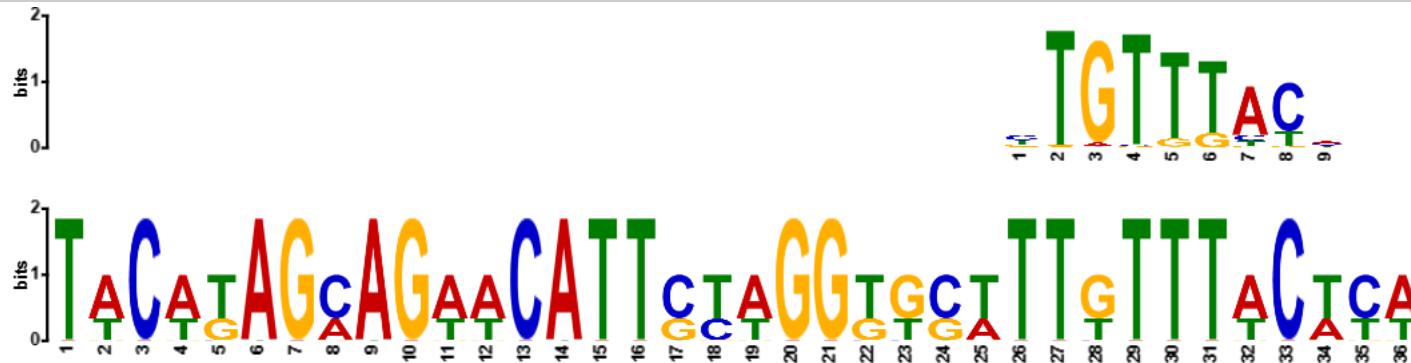
Name	<a href="#">FOXP1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.91e-04
<i>E</i> -value	1.17e-01
<i>q</i> -value	4.91e-02
Overlap	9
Offset	-24
Orientation	Normal
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## Summary

Name	<a href="#">FOXP2_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.12e-04
<i>E</i> -value	1.25e-01
<i>q</i> -value	4.91e-02
Overlap	9
Offset	-25
Orientation	Normal
<a href="#">Show logo download options</a>	

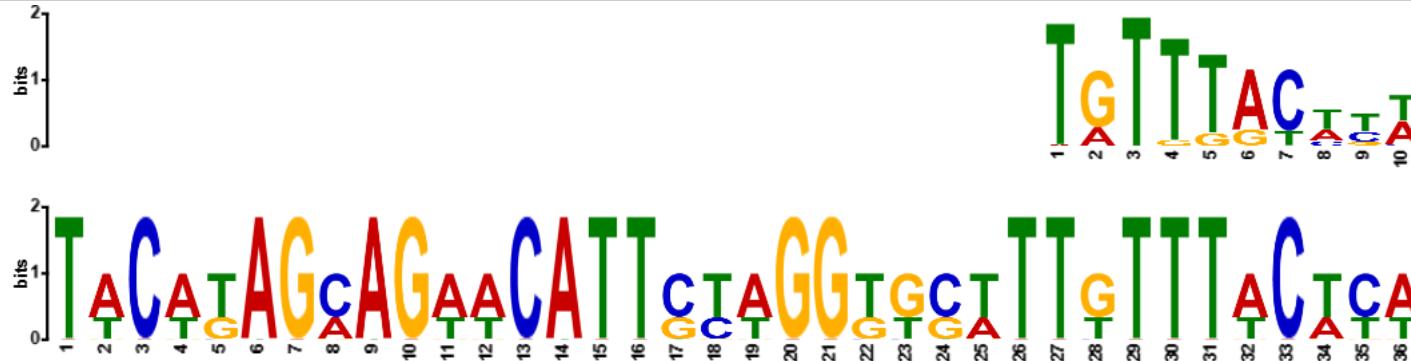
## Optimal Alignment



## Summary

Name	<a href="#">FOXA1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.77e-04
<i>E</i> -value	2.32e-01
<i>q</i> -value	7.56e-02
Overlap	12
Offset	-26
Orientation	Normal
<a href="#">Show logo download options</a>	

## Optimal Alignment



## Summary

## Optimal Alignment

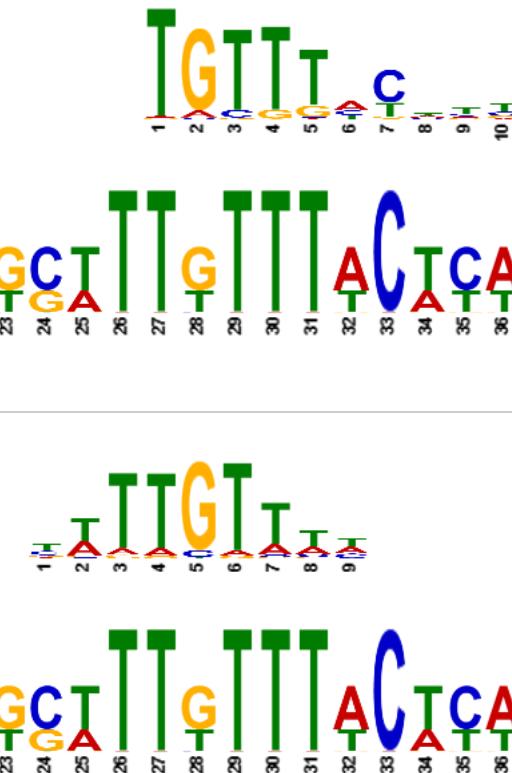
Name	<a href="#">FOXK1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.44e-04
<i>E</i> -value	3.38e-01
<i>q</i> -value	7.66e-02
Overlap	10
Offset	-26
Orientation	Normal
<a href="#">Show logo download options</a>	



## Summary

Name	<a href="#">SRY_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.49e-04
<i>E</i> -value	3.40e-01
<i>q</i> -value	7.66e-02
Overlap	9
Offset	-23
Orientation	Normal
<a href="#">Show logo download options</a>	

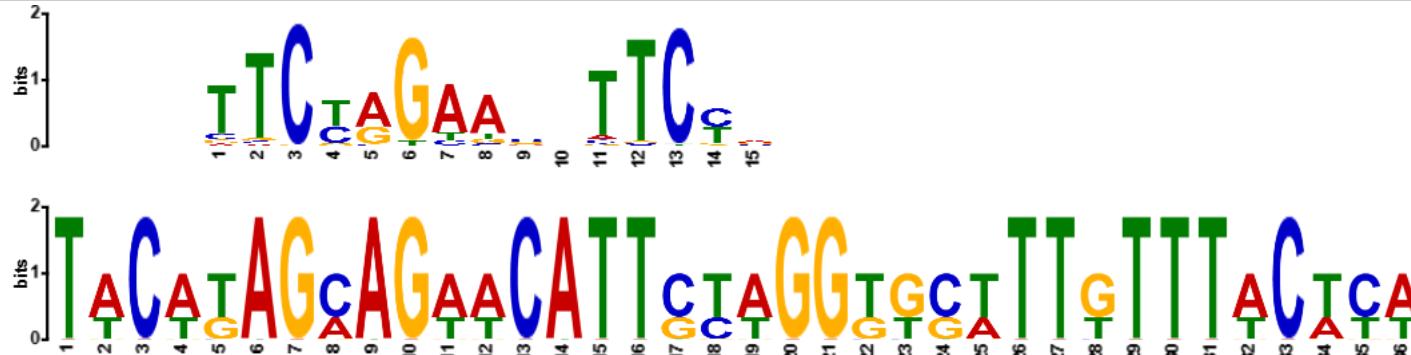
## Optimal Alignment



## Summary

Name	<a href="#">HSF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.55e-04
<i>E</i> -value	3.83e-01
<i>q</i> -value	7.66e-02
Overlap	15
Offset	-4
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

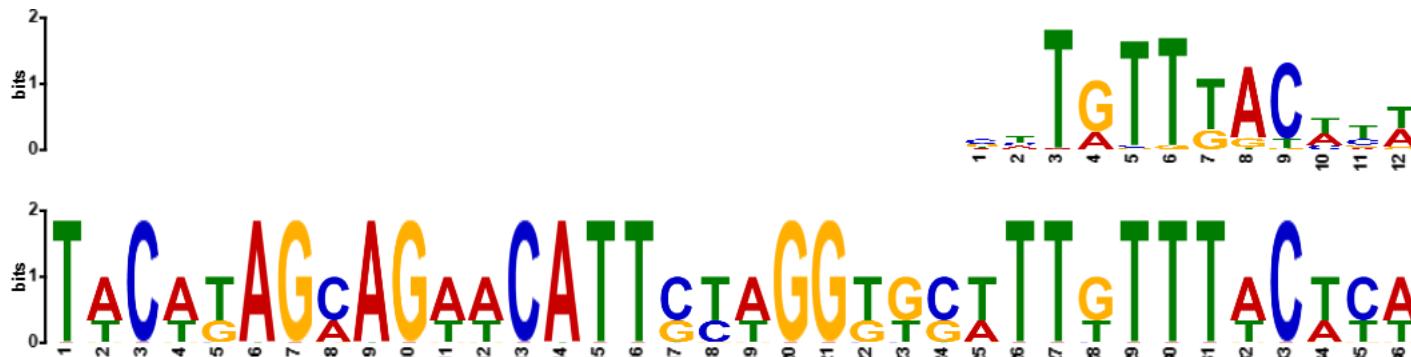
## Optimal Alignment



## Summary

## Optimal Alignment

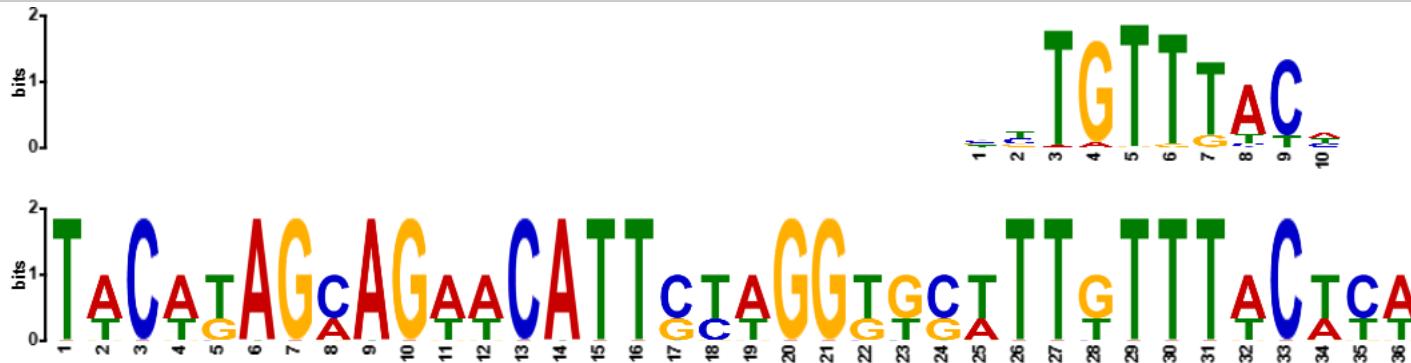
Name	<a href="#">FOXA3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.75e-04
<i>E</i> -value	3.91e-01
<i>q</i> -value	7.66e-02
Overlap	13
Offset	-24
Orientation	Normal
<a href="#">Show logo download options</a>	



### Summary

Name	<a href="#">FOXO3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.08e-03
<i>E</i> -value	4.32e-01
<i>q</i> -value	7.69e-02
Overlap	10
Offset	-24
Orientation	Normal
<a href="#">Show logo download options</a>	

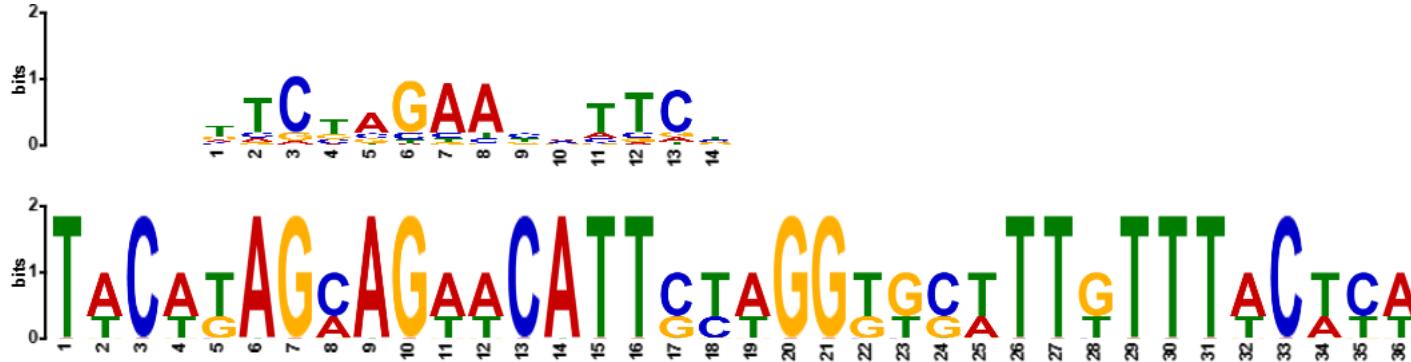
### Optimal Alignment



### Summary

Name	<a href="#">HSF2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.78e-03
<i>E</i> -value	7.12e-01
<i>q</i> -value	1.16e-01
Overlap	14
Offset	-4
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

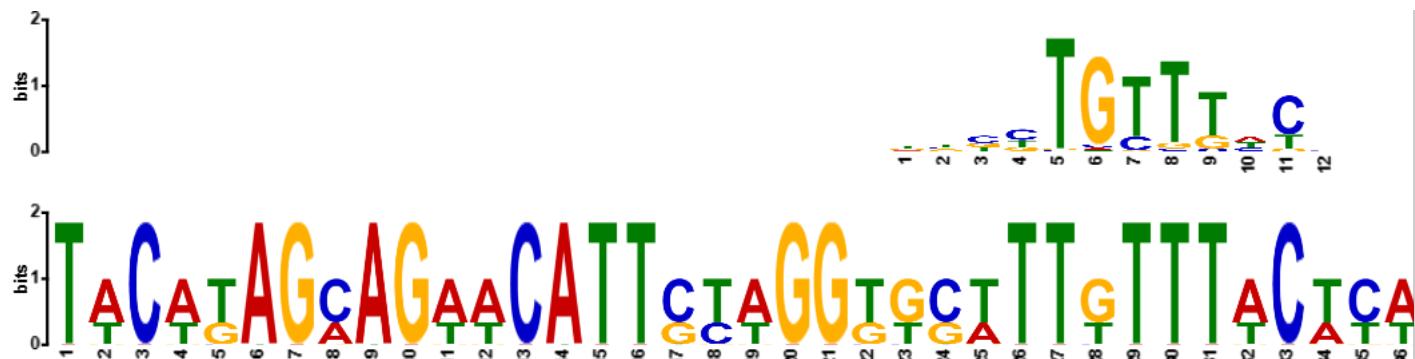
### Optimal Alignment



### Summary

### Optimal Alignment

Name	<a href="#">FOXO1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.66e-03
<i>E</i> -value	1.07e+00
<i>q</i> -value	1.59e-01
Overlap	12
Offset	-22
Orientation	Normal
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### Summary

Name	<a href="#">ZKSC1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.83e-03
<i>E</i> -value	1.14e+00
<i>q</i> -value	1.59e-01
Overlap	19
Offset	-8
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

### Optimal Alignment



### Summary

Name	<a href="#">PRGR_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.35e-03
<i>E</i> -value	1.74e+00
<i>q</i> -value	2.28e-01
Overlap	16
Offset	-2
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

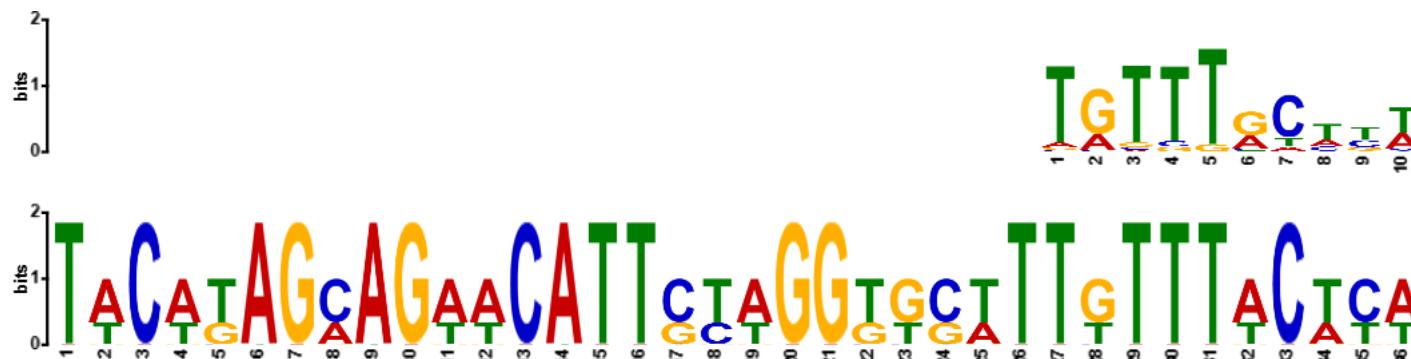
### Optimal Alignment



### Summary

### Optimal Alignment

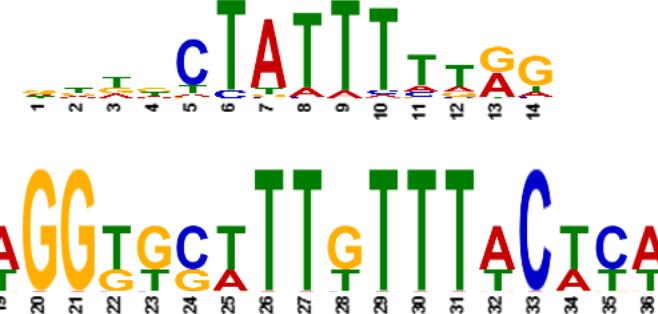
Name	<a href="#">FOXM1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.24e-03
<i>E</i> -value	2.10e+00
<i>q</i> -value	2.42e-01
Overlap	12
Offset	-26
Orientation	Normal
<a href="#">Show logo download options</a>	



## Summary

Name	<a href="#">MEF2B_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.12e-03
<i>E</i> -value	2.46e+00
<i>q</i> -value	2.67e-01
Overlap	14
Offset	-19
Orientation	Normal
<a href="#">Show logo download options</a>	

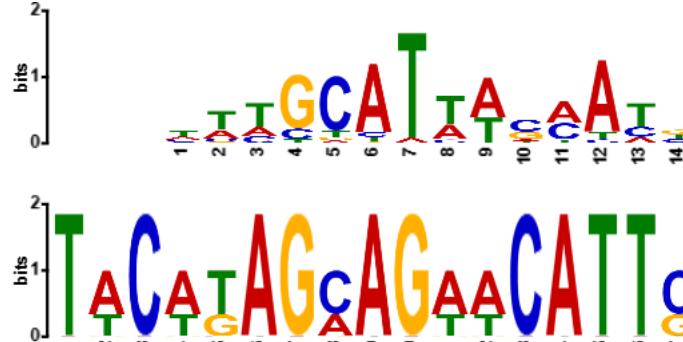
## Optimal Alignment



## Summary

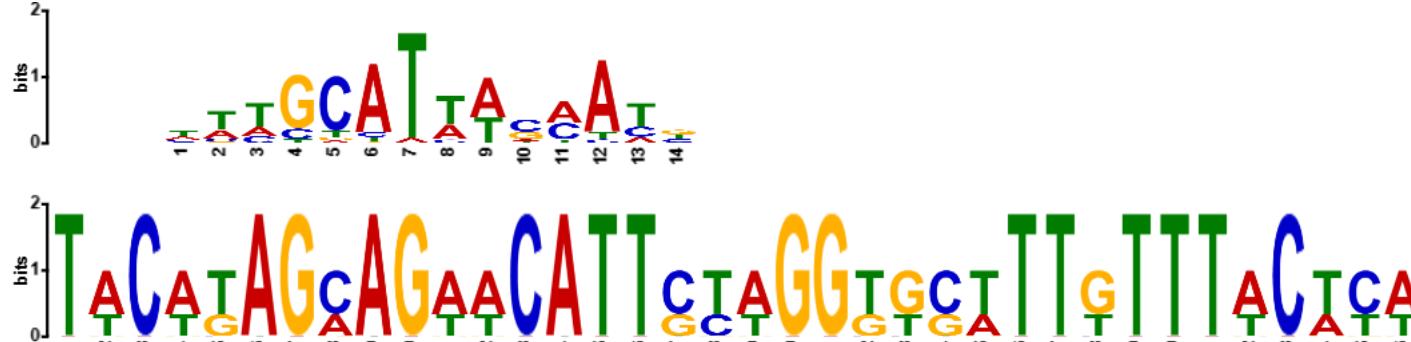
Name	<a href="#">PO3F1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.87e-03
<i>E</i> -value	3.16e+00
<i>q</i> -value	2.97e-01
Overlap	14
Offset	-3
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

## Optimal Alignment

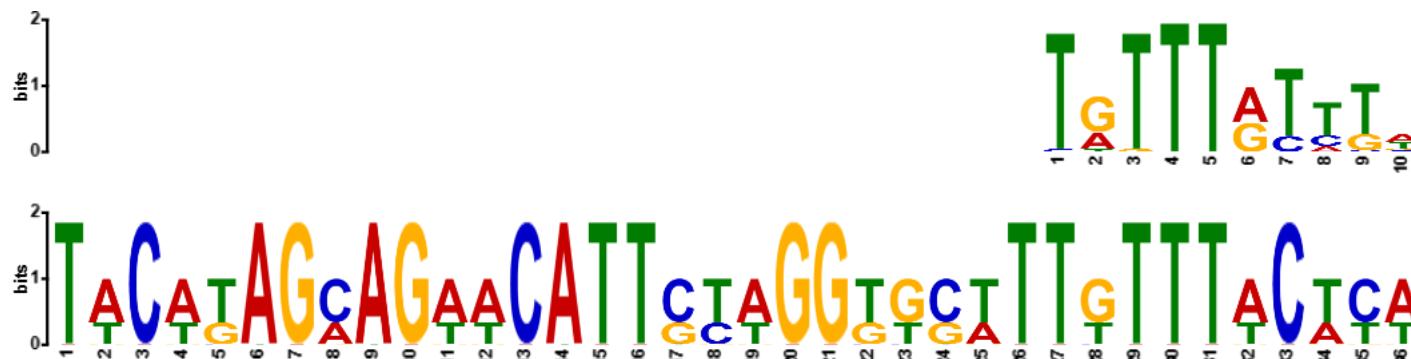


## Summary

## Optimal Alignment



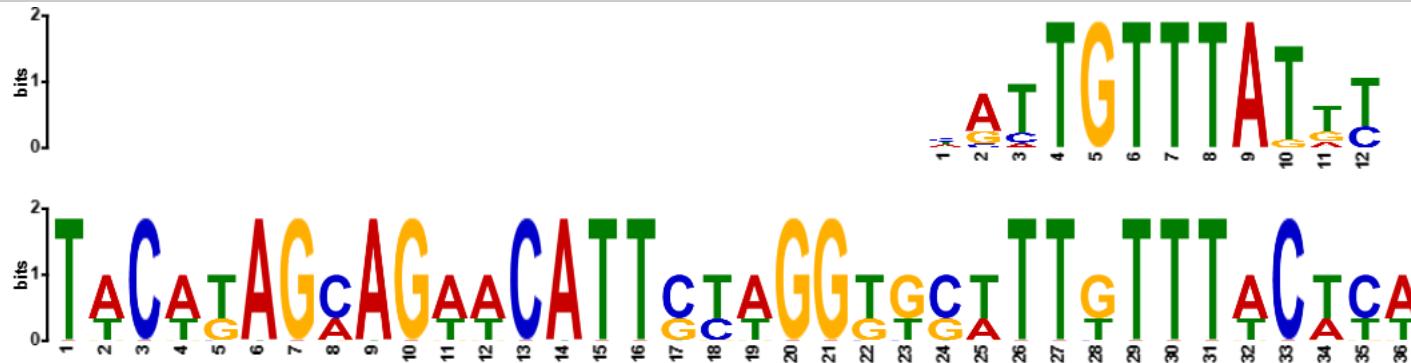
Name	<a href="#">FOXJ2_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.90e-03
<i>E</i> -value	3.17e+00
<i>q</i> -value	2.97e-01
Overlap	10
Offset	-26
Orientation	Normal
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### Summary

Name	<a href="#">FOXQ1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.94e-03
<i>E</i> -value	3.19e+00
<i>q</i> -value	2.97e-01
Overlap	12
Offset	-23
Orientation	Normal
<a href="#">Show logo download options</a>	

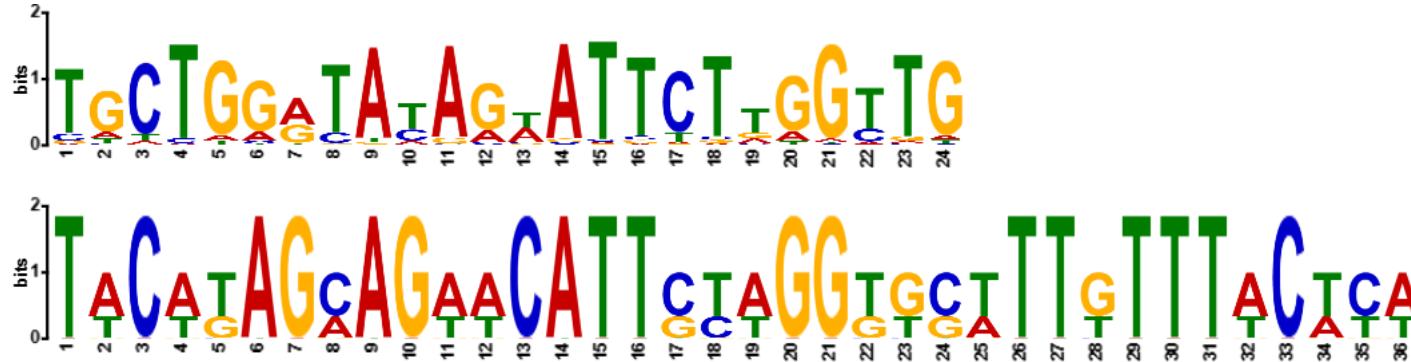
### Optimal Alignment



### Summary

Name	<a href="#">ZN136_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.06e-02
<i>E</i> -value	4.25e+00
<i>q</i> -value	3.70e-01
Overlap	24
Offset	0
Orientation	Normal
<a href="#">Show logo download options</a>	

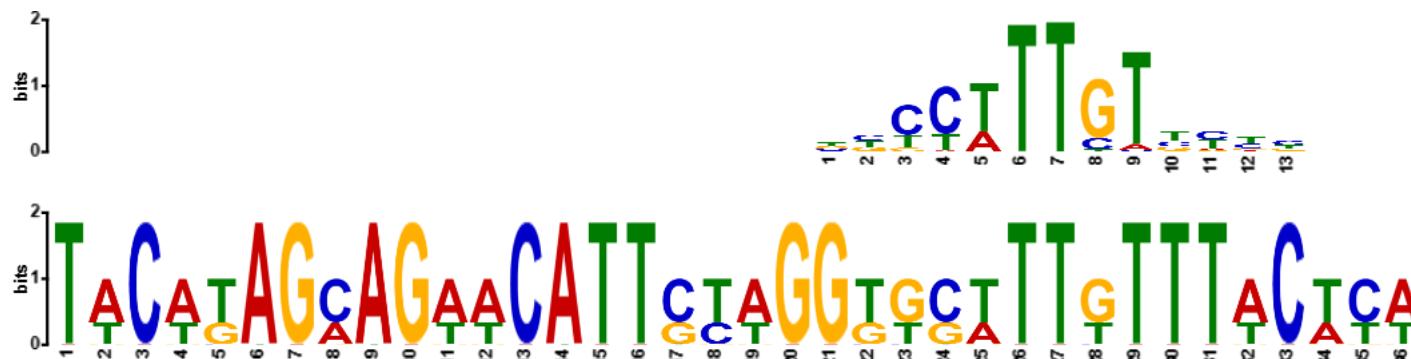
### Optimal Alignment



### Summary

### Optimal Alignment

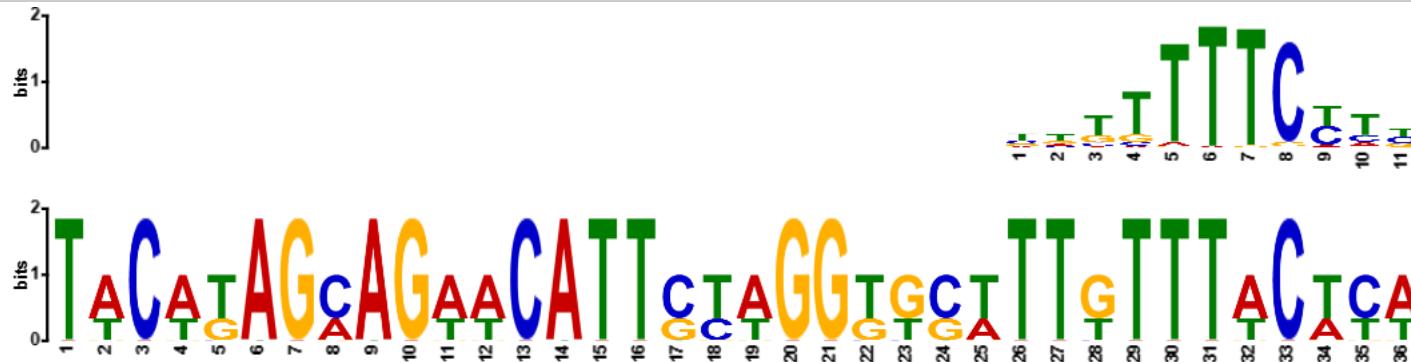
Name	<a href="#">SOX2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.13e-02
<i>E</i> -value	4.53e+00
<i>q</i> -value	3.70e-01
Overlap	13
Offset	-20
Orientation	Normal
<a href="#">Show logo download options</a>	



## Summary

Name	<a href="#">PRDM6_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.13e-02
<i>E</i> -value	4.53e+00
<i>q</i> -value	3.70e-01
Overlap	13
Offset	-25
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

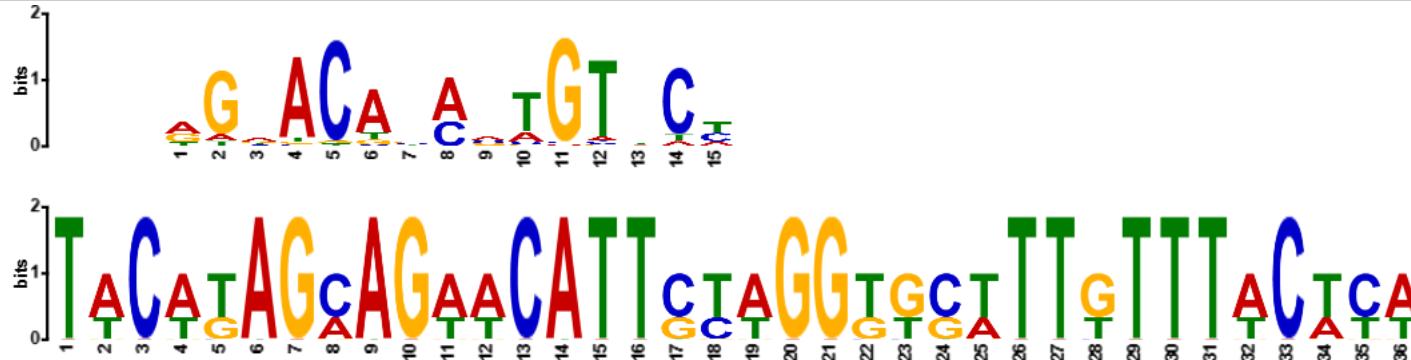
## Optimal Alignment



## Summary

Name	<a href="#">GCR_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.30e-02
<i>E</i> -value	5.21e+00
<i>q</i> -value	4.08e-01
Overlap	15
Offset	-3
Orientation	Normal
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## Optimal Alignment



## Summary

## Optimal Alignment

Name [MEF2D\\_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 1.35e-02

E-value 5.43e+00

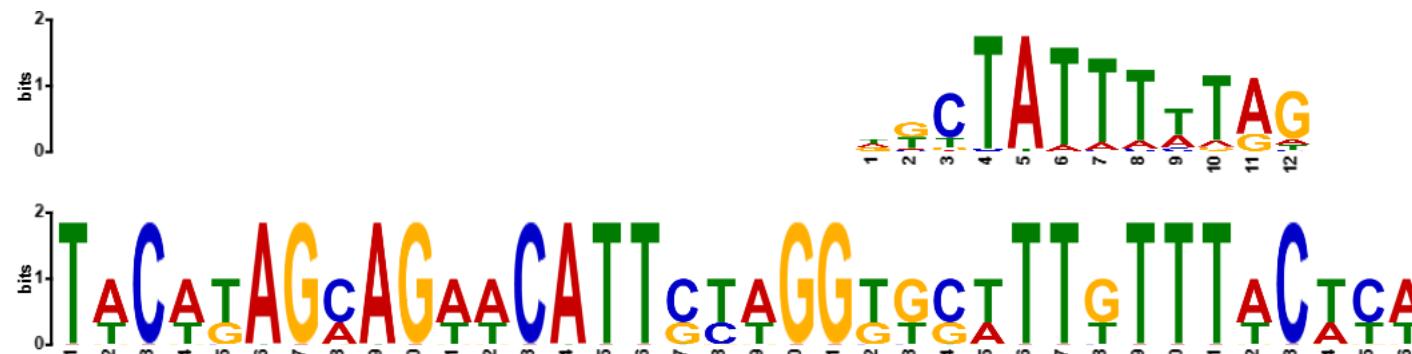
q-value 4.09e-01

Overlap 12

Offset -21

Orientation Normal

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#### Summary

Name [ZN554\\_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 1.44e-02

E-value 5.79e+00

q-value 4.12e-01

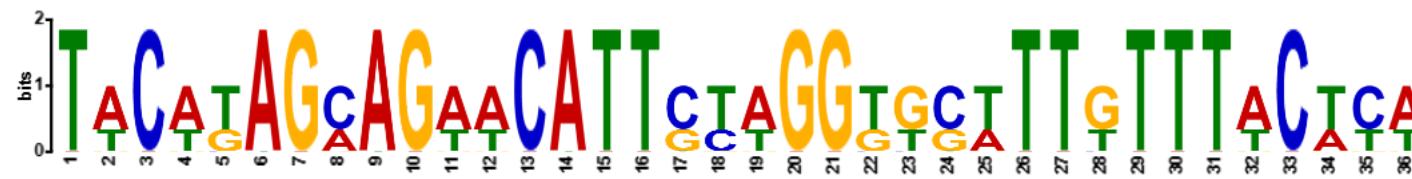
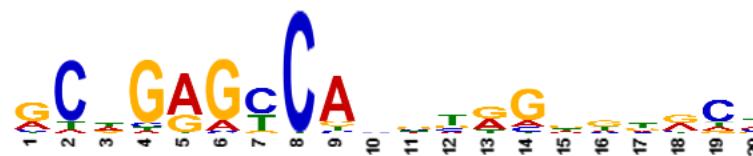
Overlap 20

Offset -6

Orientation Normal

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#### Optimal Alignment



#### Summary

Name [ZNF41\\_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 1.47e-02

E-value 5.89e+00

q-value 4.12e-01

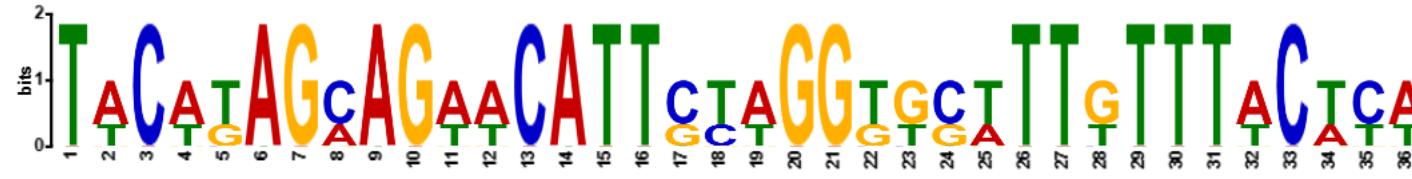
Overlap 24

Offset -14

Orientation Reverse Complement

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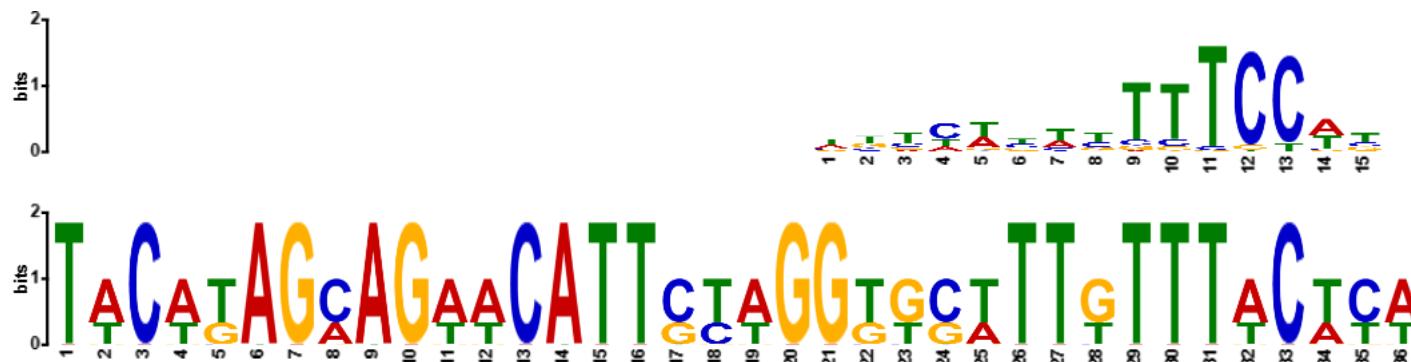
#### Optimal Alignment



#### Summary

#### Optimal Alignment

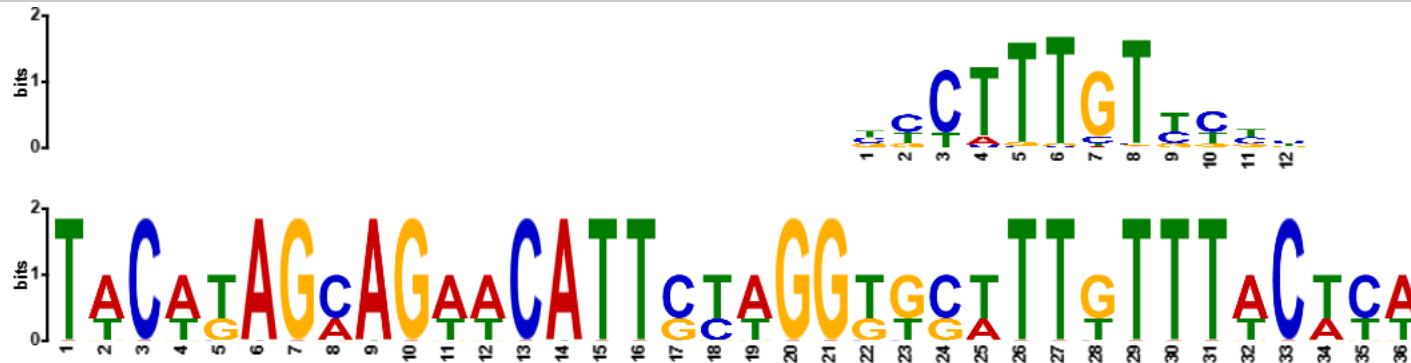
Name	<a href="#">NFAC1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.57e-02
<i>E</i> -value	6.29e+00
<i>q</i> -value	4.25e-01
Overlap	15
Offset	-20
Orientation	Reverse Complement
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## Summary

Name	<a href="#">SOX4_HUMAN.H11MO.0.B</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	4.49e-01
Overlap	12
Offset	-21
Orientation	Normal
	<a href="#">Show logo download options</a>

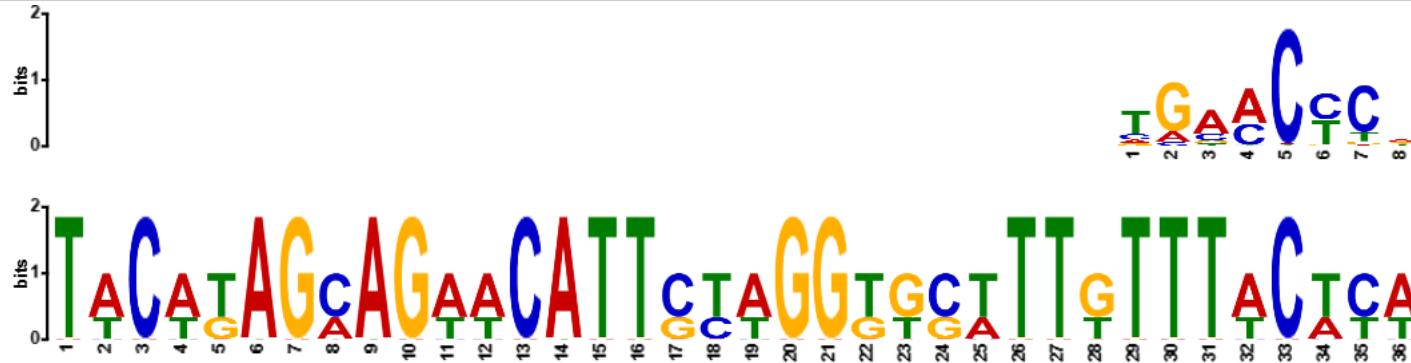
## Optimal Alignment



## Summary

Name	<a href="#">VDR_HUMAN.H11MO.0.A</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	4.49e-01
Overlap	13
Offset	-28
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

## Optimal Alignment



## Summary

## Optimal Alignment

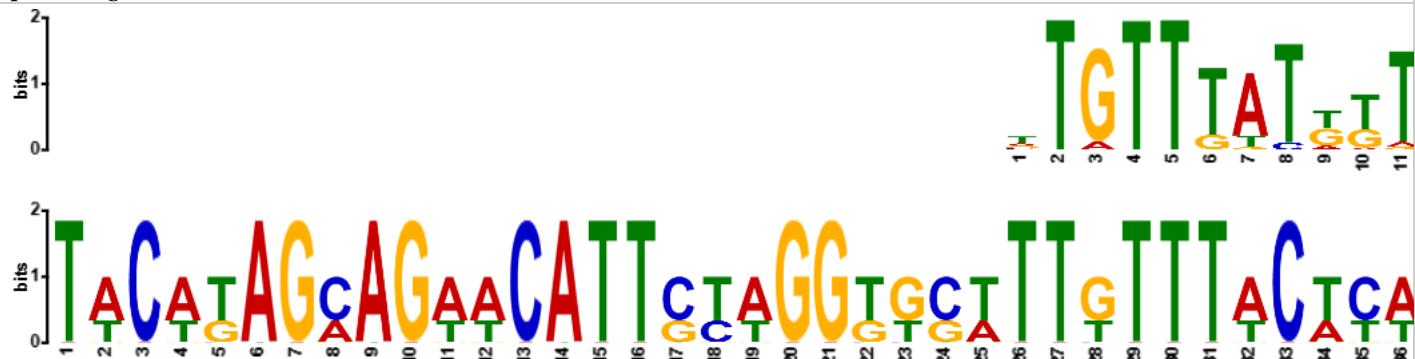
Name	<a href="#">SOX5_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.23e-02
E-value	8.94e+00
q-value	5.47e-01
Overlap	8
Offset	-23
Orientation	Normal
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### Summary

Name	<a href="#">FOXJ3_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.35e-02
E-value	9.43e+00
q-value	5.60e-01
Overlap	13
Offset	-25
Orientation	Normal
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### Optimal Alignment



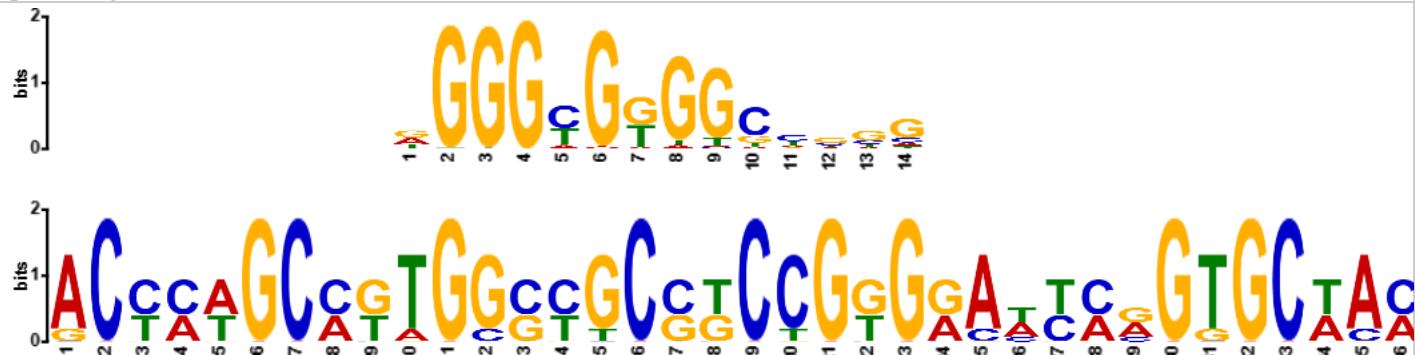
### MATCHES TO ACYMWGCMKTGGSYGCSKCCGKGRAWMRGTCWAMKCARRGG (MEME-6)

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### Summary

Name	<a href="#">KLF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	3.94e-04
E-value	1.58e-01
q-value	3.16e-01
Overlap	14
Offset	-9
Orientation	Normal
<a href="#">Show logo download options</a>	

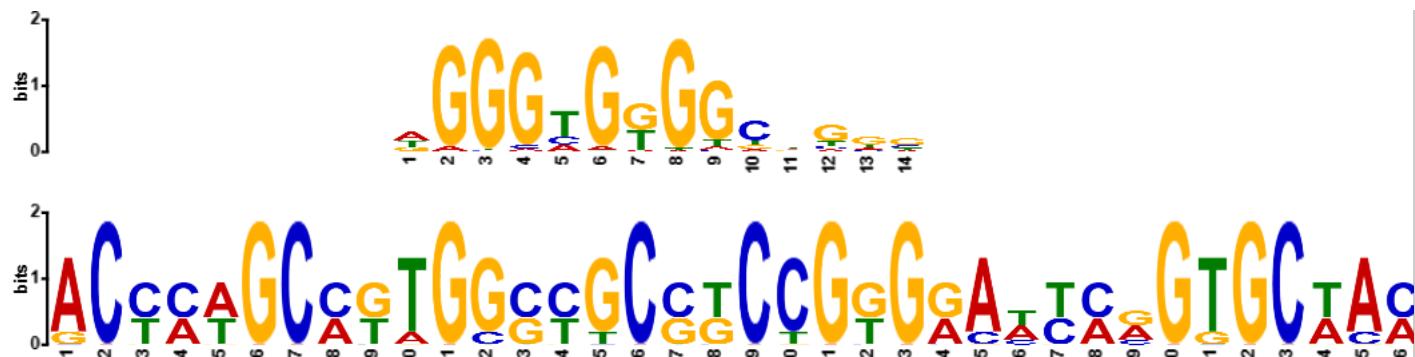
### Optimal Alignment



### Summary

### Optimal Alignment

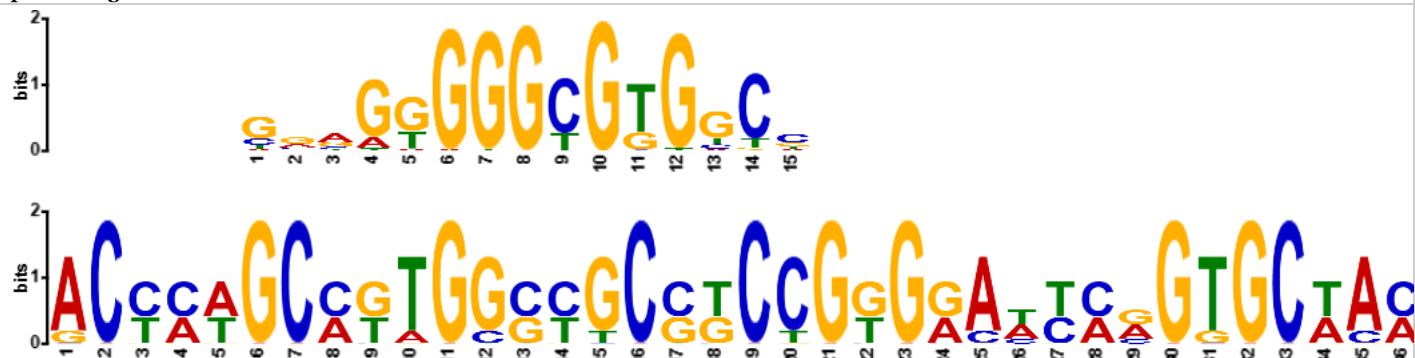
Name	<a href="#">KLF5_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.19e-03
<i>E</i> -value	2.08e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	-9
Orientation	Normal
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## Summary

Name	<a href="#">KLF9_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.67e-03
<i>E</i> -value	2.68e+00
<i>q</i> -value	1.00e+00
Overlap	15
Offset	-5
Orientation	Normal
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## Optimal Alignment



## Summary

Name	<a href="#">LEF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.11e-03
<i>E</i> -value	3.25e+00
<i>q</i> -value	1.00e+00
Overlap	13
Offset	-30
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

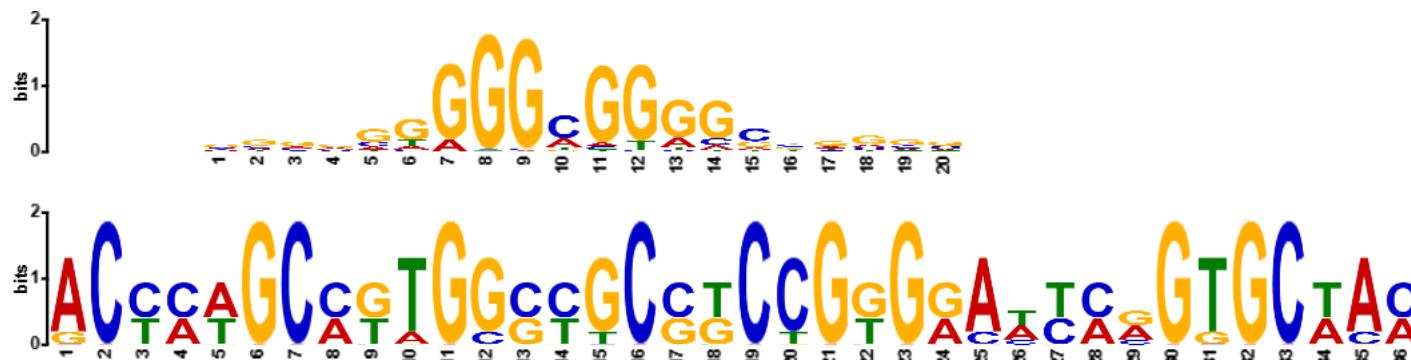
## Optimal Alignment



## Summary

## Optimal Alignment

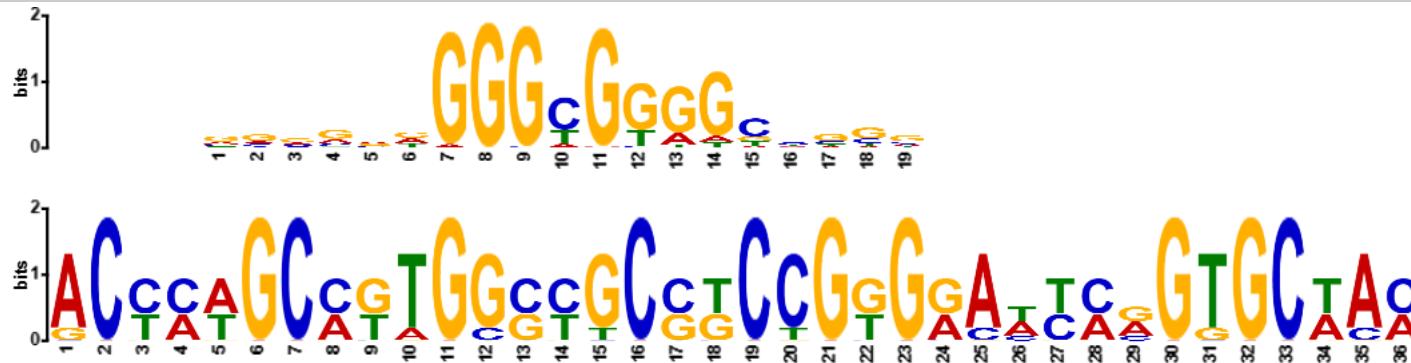
Name	<a href="#">SP3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.89e-03
<i>E</i> -value	3.97e+00
<i>q</i> -value	1.00e+00
Overlap	20
Offset	-4
Orientation	Normal
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## Summary

Name	<a href="#">KLF3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.13e-02
<i>E</i> -value	4.54e+00
<i>q</i> -value	1.00e+00
Overlap	19
Offset	-4
Orientation	Normal
<a href="#">Show logo download options</a>	

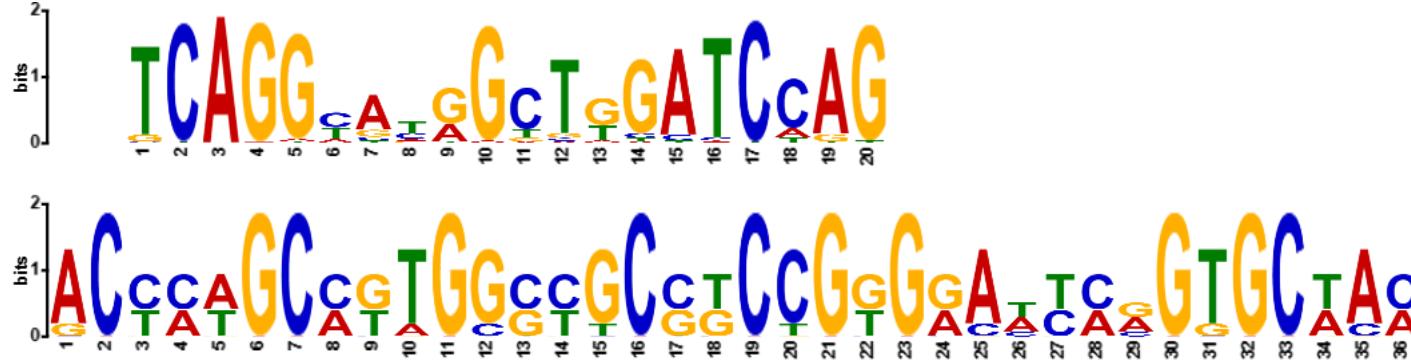
## Optimal Alignment



## Summary

Name	<a href="#">ZN329_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.26e-02
<i>E</i> -value	5.07e+00
<i>q</i> -value	1.00e+00
Overlap	20
Offset	-2
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

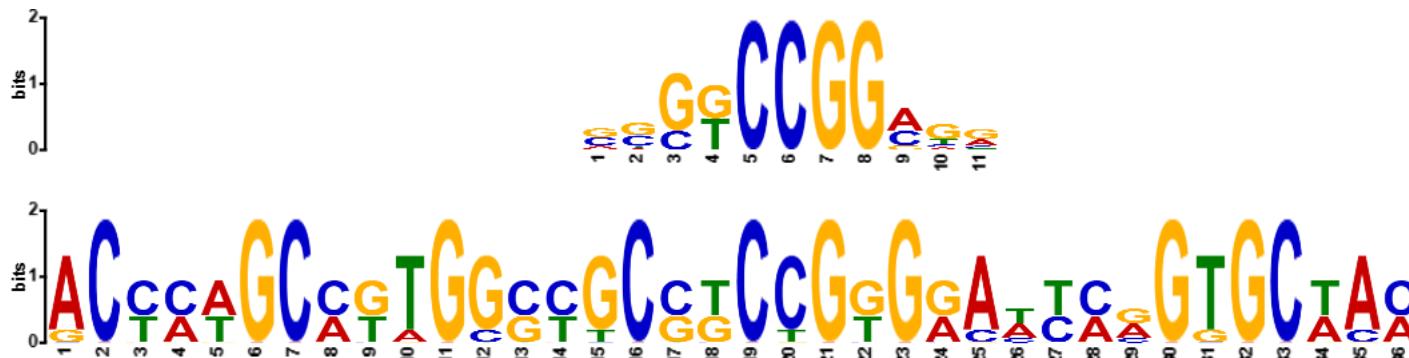
## Optimal Alignment



## Summary

## Optimal Alignment

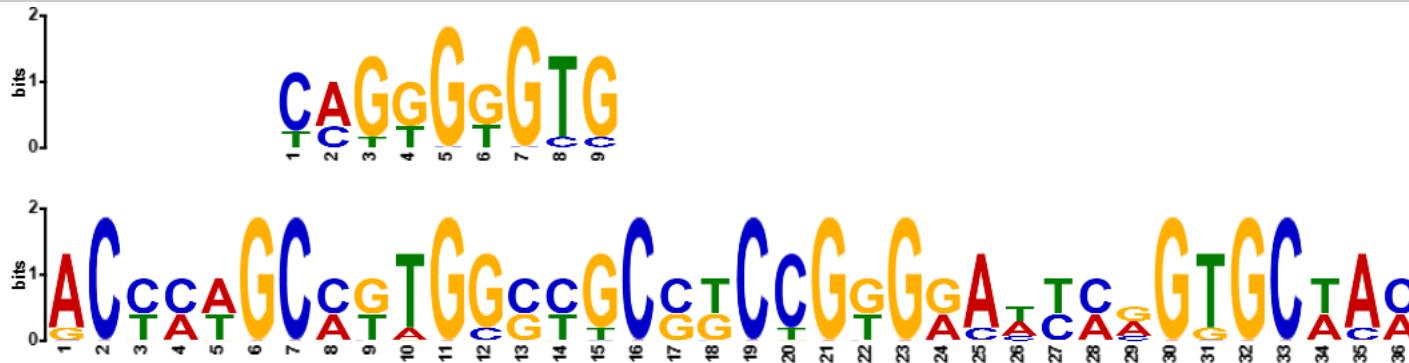
Name	<a href="#">MBD2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.39e-02
<i>E</i> -value	5.56e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	-14
Orientation	Normal
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## Summary

Name	<a href="#">KLF8_HUMAN.H11MO.0.C</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	1.00e+00
Overlap	9
Offset	-6
Orientation	Normal
<a href="#">Show logo download options</a>	

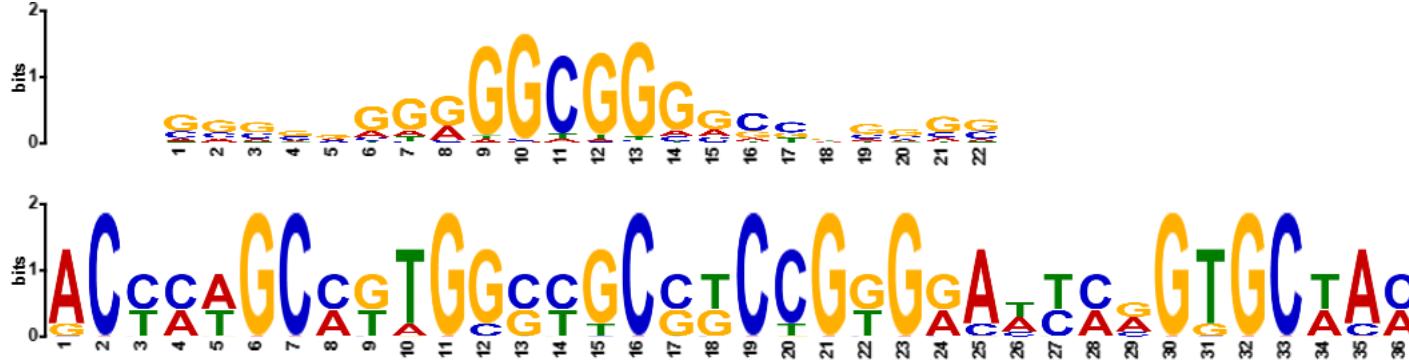
## Optimal Alignment



## Summary

Name	<a href="#">SP2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.76e-02
<i>E</i> -value	7.05e+00
<i>q</i> -value	1.00e+00
Overlap	22
Offset	-3
Orientation	Normal
<a href="#">Show logo download options</a>	

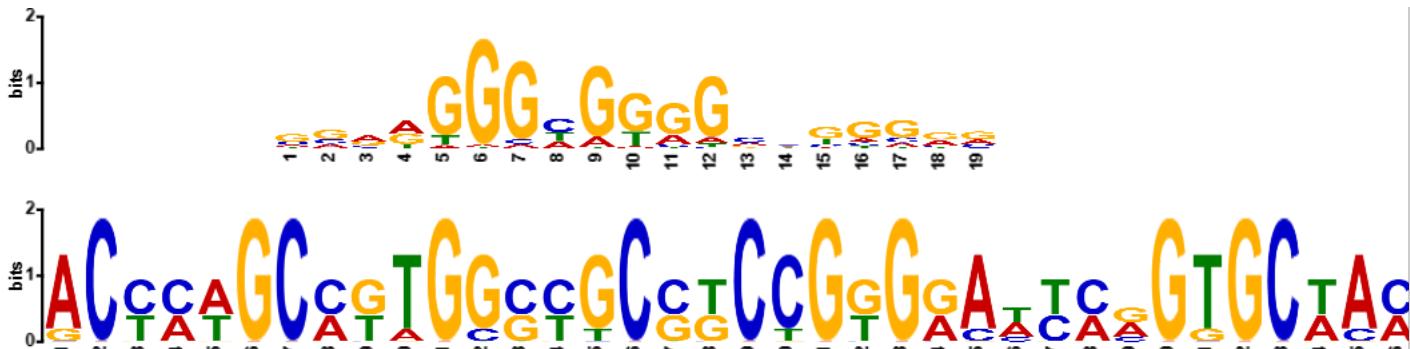
## Optimal Alignment



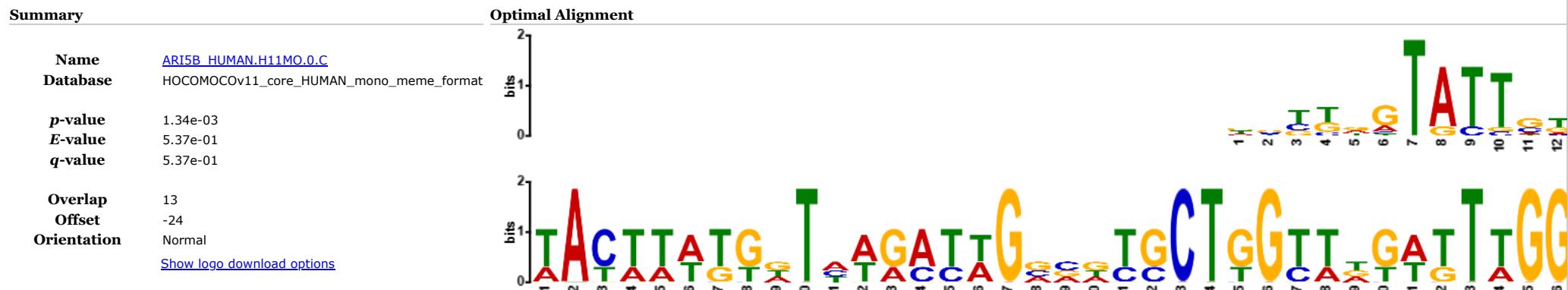
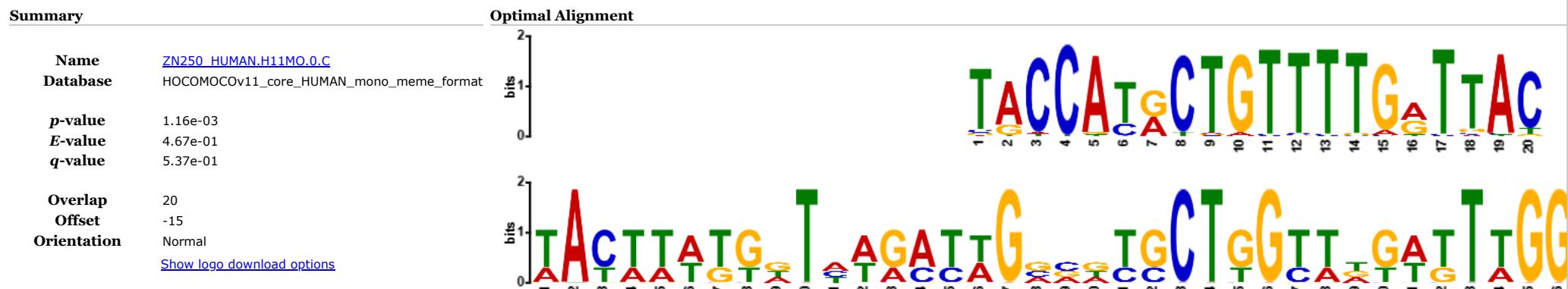
## Summary

## Optimal Alignment

Name	<a href="#">KLF6_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.25e-02
<i>E</i> -value	9.04e+00
<i>q</i> -value	1.00e+00
Overlap	19
Offset	-6
Orientation	Normal
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### MATCHES TO TACTTWTGDTHWGATWGVVDTGCTGGTTDGWTTGGGAASCAGCATTVA (MEME-7)

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Name	<a href="#">FOXA3_HUMAN.H11MO.0.B</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	6.83e-01
Overlap	13
Offset	-22
Orientation	Normal
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## Summary

Name	<a href="#">AIRE_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.41e-03
<i>E</i> -value	1.37e+00
<i>q</i> -value	6.83e-01
Overlap	18
Offset	-22
Orientation	Normal
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## Optimal Alignment



## Summary

Name	<a href="#">MAFG_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.57e-03
<i>E</i> -value	2.23e+00
<i>q</i> -value	7.20e-01
Overlap	18
Offset	-28
Orientation	Normal
<a href="#">Show logo download options</a>	

## Optimal Alignment



## Summary

## Optimal Alignment

**Name** FOXM1\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 6.32e-03

**E-value** 2.53e+00

**q-value** 7.20e-01

**Overlap** 12

**Offset** -24

**Orientation** Normal

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### Summary

**Name** MEF2B\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 6.86e-03

**E-value** 2.75e+00

**q-value** 7.20e-01

**Overlap** 14

**Offset** -22

**Orientation** Normal

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### Optimal Alignment



### Summary

**Name** HXA13\_HUMAN.H11MO.0.C

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 7.18e-03

**E-value** 2.88e+00

**q-value** 7.20e-01

**Overlap** 11

**Offset** -24

**Orientation** Normal

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### Optimal Alignment



### Summary

### Optimal Alignment

**Name**[MAFK\\_HUMAN.H11MO.0.A](#)**Database**

HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value**

8.51e-03

**E-value**

3.41e+00

**q-value**

7.58e-01

**Overlap**

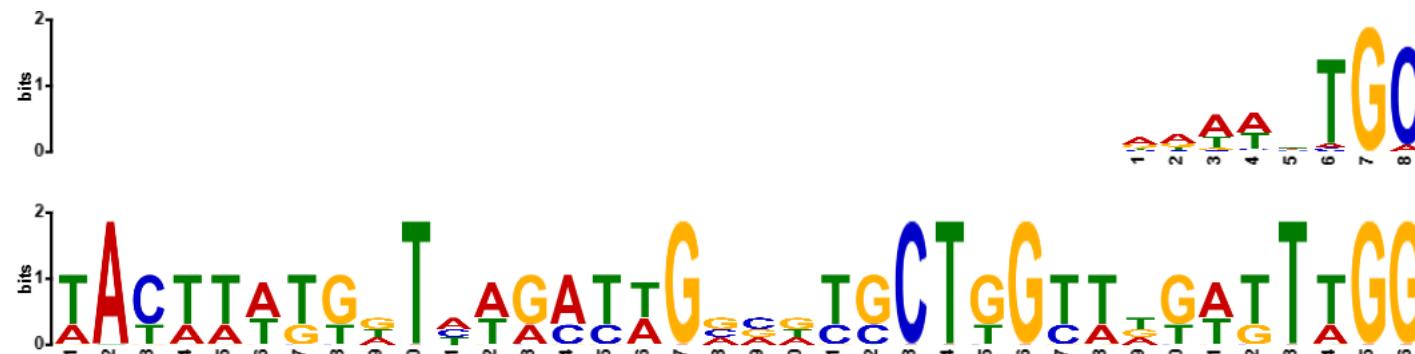
18

**Offset**

-28

**Orientation**

Normal

[Show logo download options](#)**Summary****Name**[FOXA1\\_HUMAN.H11MO.0.A](#)**Database**

HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value**

1.32e-02

**E-value**

5.30e+00

**q-value**

1.00e+00

**Overlap**

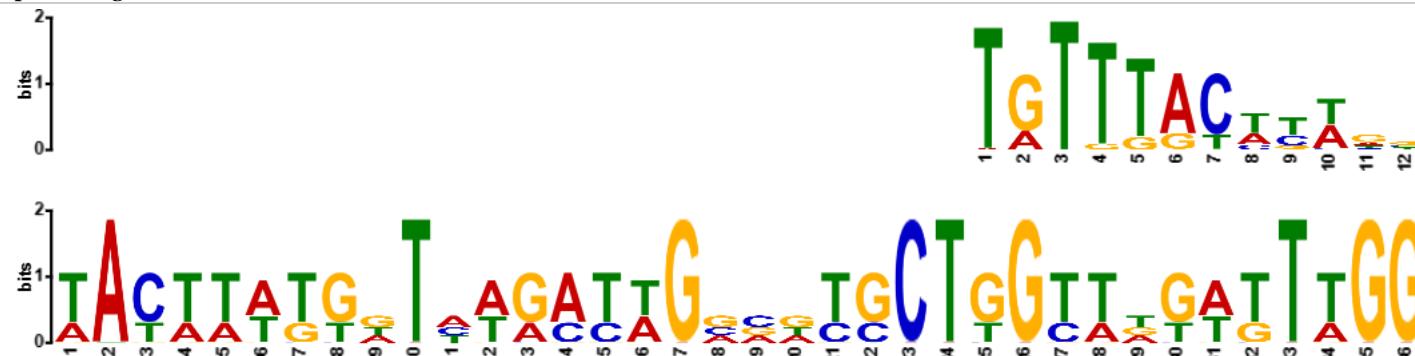
12

**Offset**

-24

**Orientation**

Normal

[Show logo download options](#)**Optimal Alignment****Summary****Name**[ZSC31\\_HUMAN.H11MO.0.C](#)**Database**

HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value**

1.42e-02

**E-value**

5.69e+00

**q-value**

1.00e+00

**Overlap**

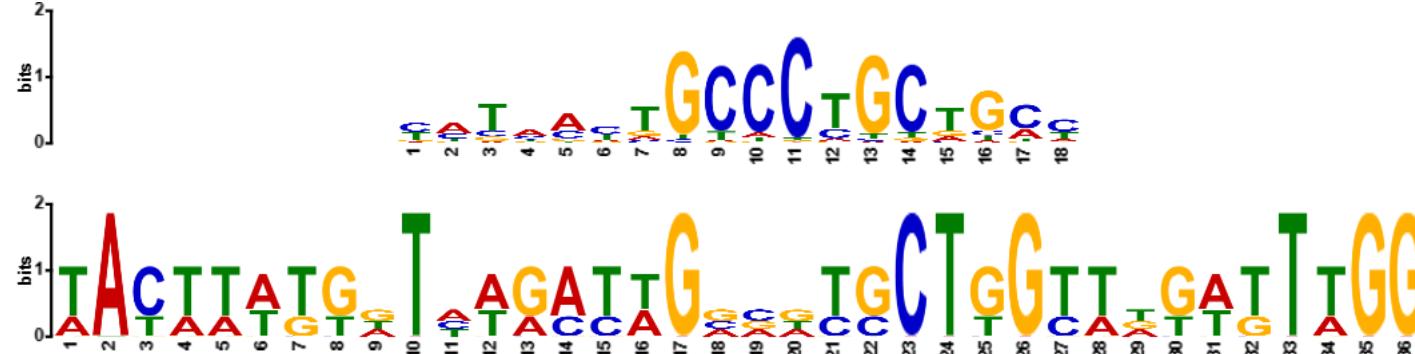
18

**Offset**

-9

**Orientation**

Reverse Complement

[Show logo download options](#)**Optimal Alignment****Summary****Optimal Alignment**

Name [ZNF18\\_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 1.51e-02

E-value 6.04e+00

q-value 1.00e+00

Overlap 12

Offset -24

Orientation Normal

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### Summary

Name [HIC1\\_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 1.72e-02

E-value 6.90e+00

q-value 1.00e+00

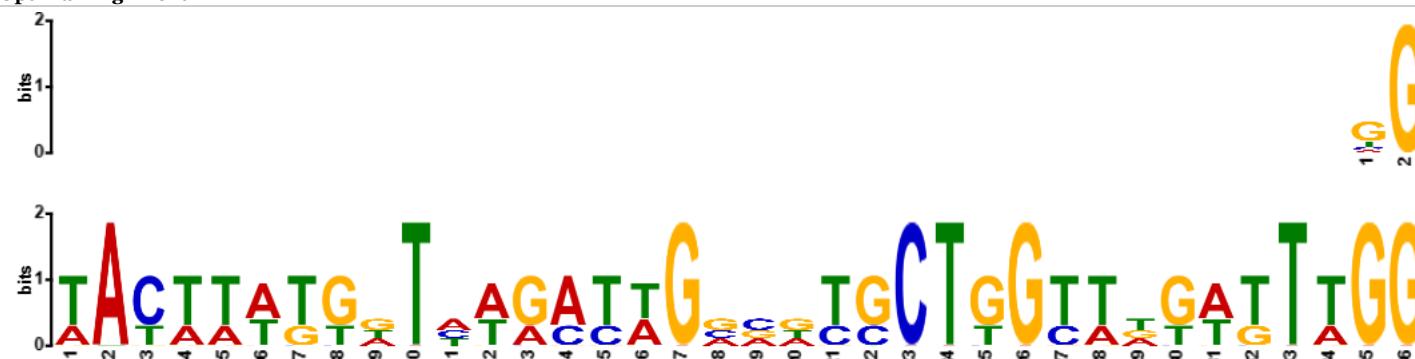
Overlap 9

Offset -34

Orientation Reverse Complement

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### Optimal Alignment



### Summary

Name [MEF2D\\_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 1.82e-02

E-value 7.31e+00

q-value 1.00e+00

Overlap 12

Offset -24

Orientation Normal

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### Optimal Alignment



### Summary

### Optimal Alignment

Name [FOXJ2\\_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 2.16e-02

E-value 8.68e+00

q-value 1.00e+00

Overlap 10

Offset -24

Orientation Normal

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## Summary

Name [FOXJ3\\_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 2.23e-02

E-value 8.96e+00

q-value 1.00e+00

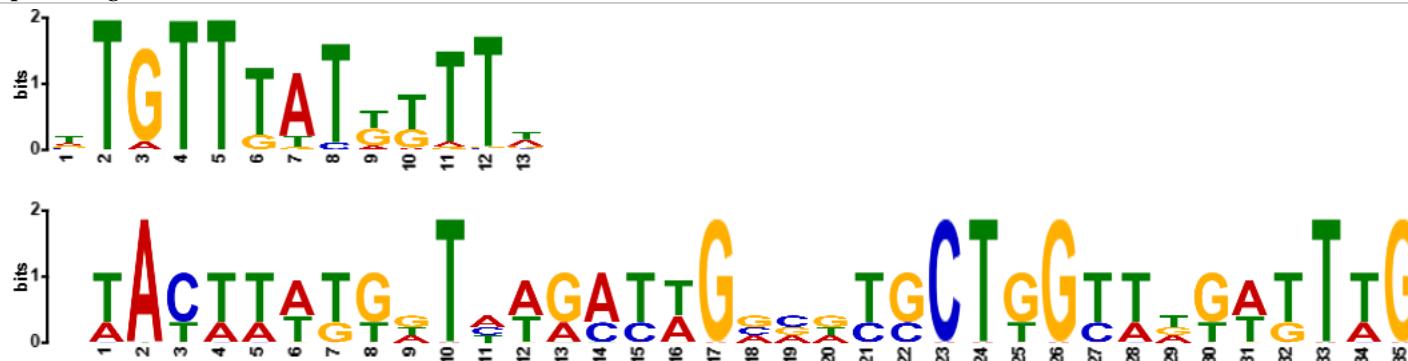
Overlap 12

Offset 1

Orientation Normal

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## Optimal Alignment



## MATCHES TO AAAGVYGRGCCDBTTCCWGTCTTVCCAGCYAHGTDCAAAR (MEME-8)

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## Summary

Name [ETS1\\_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 5.64e-05

E-value 2.26e-02

q-value 3.25e-02

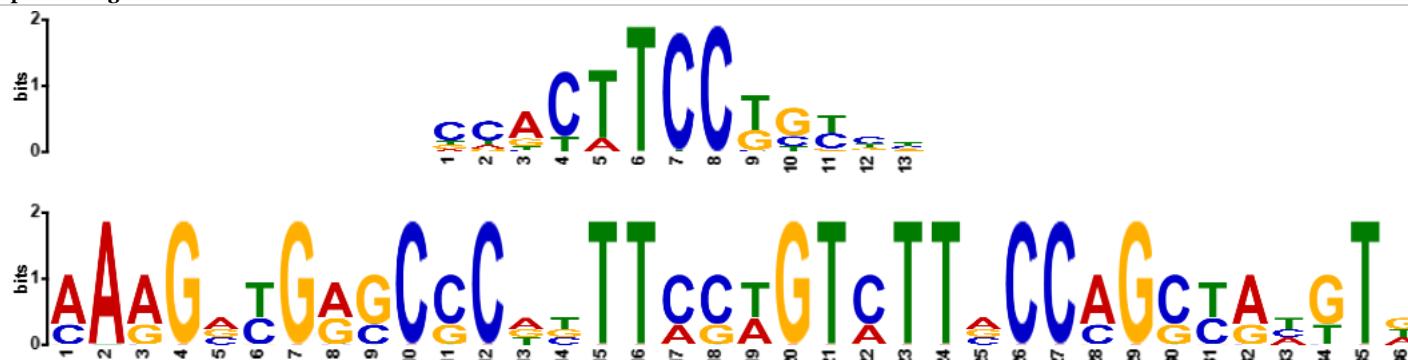
Overlap 13

Offset -10

Orientation Reverse Complement

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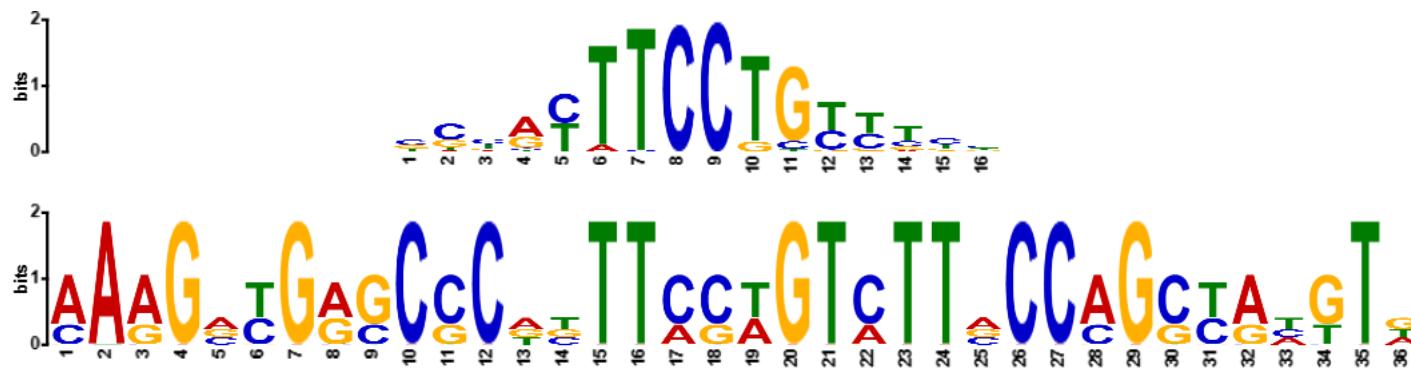
## Optimal Alignment



## Summary

## Optimal Alignment

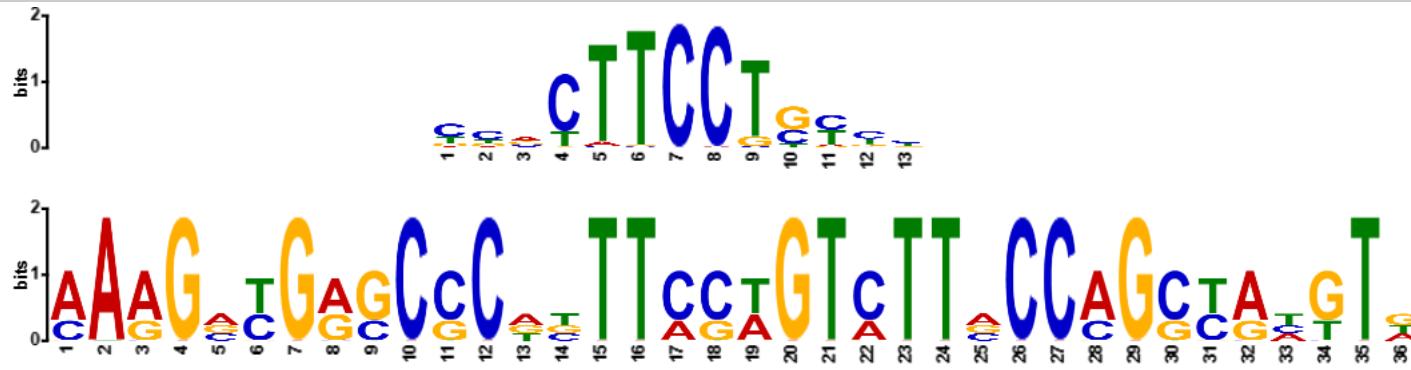
Name	<a href="#">ETV2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.14e-05
<i>E</i> -value	3.26e-02
<i>q</i> -value	3.25e-02
Overlap	16
Offset	-9
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">ERG_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.45e-04
<i>E</i> -value	5.80e-02
<i>q</i> -value	3.85e-02
Overlap	13
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

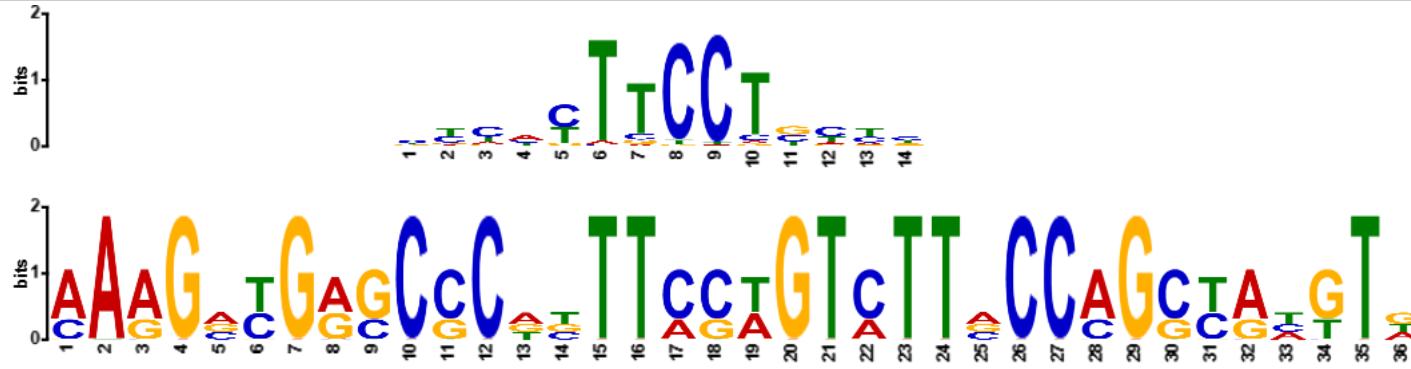
## Optimal Alignment



## Summary

Name	<a href="#">ETV5_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.81e-04
<i>E</i> -value	3.53e-01
<i>q</i> -value	1.76e-01
Overlap	14
Offset	-9
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

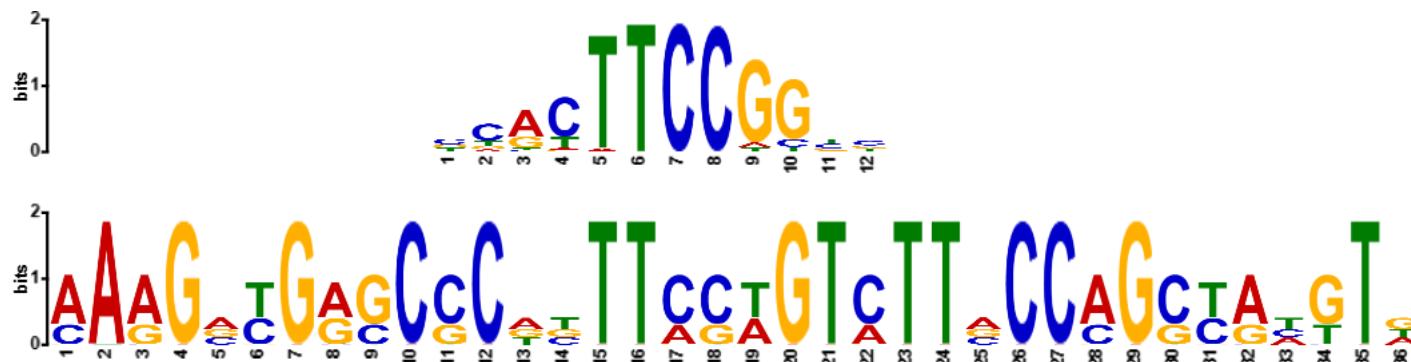
## Optimal Alignment



## Summary

## Optimal Alignment

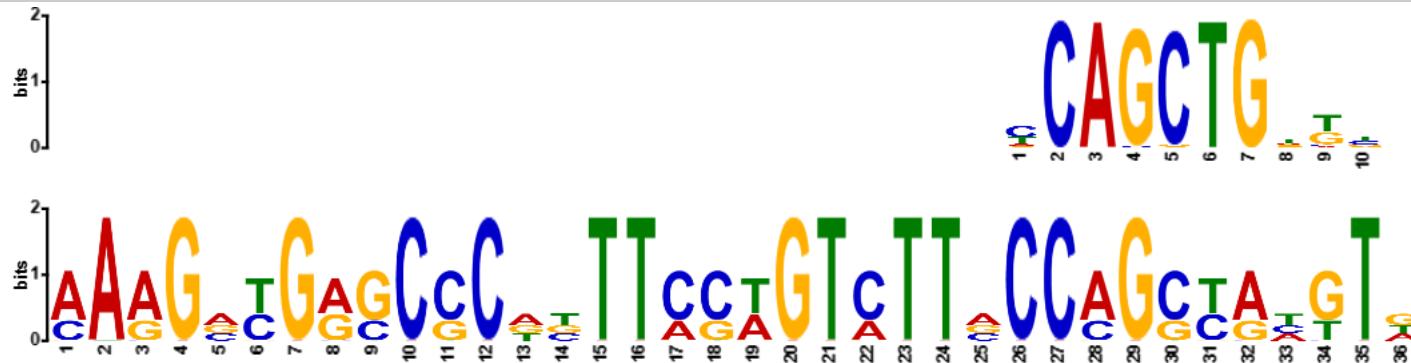
Name	<a href="#">ELK4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.59e-03
<i>E</i> -value	6.38e-01
<i>q</i> -value	2.54e-01
Overlap	12
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">TFAP4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.50e-03
<i>E</i> -value	1.00e+00
<i>q</i> -value	3.32e-01
Overlap	10
Offset	-25
Orientation	Normal
	<a href="#">Show logo download options</a>

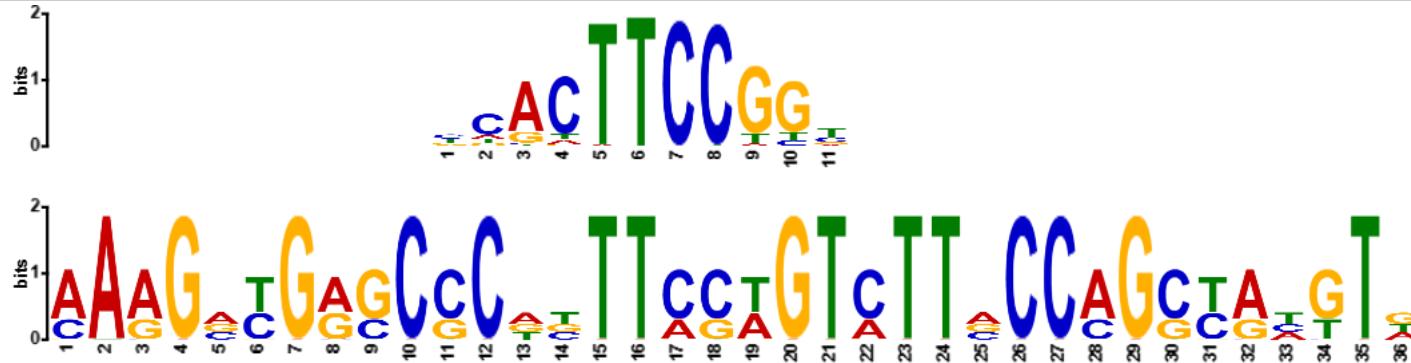
## Optimal Alignment



## Summary

Name	<a href="#">ELK1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.34e-03
<i>E</i> -value	1.34e+00
<i>q</i> -value	3.67e-01
Overlap	11
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

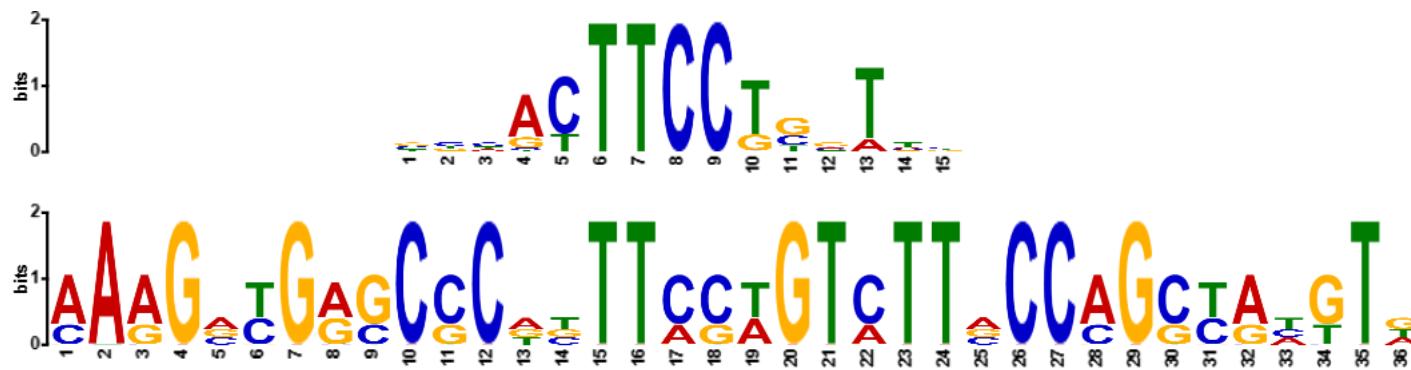
## Optimal Alignment



## Summary

## Optimal Alignment

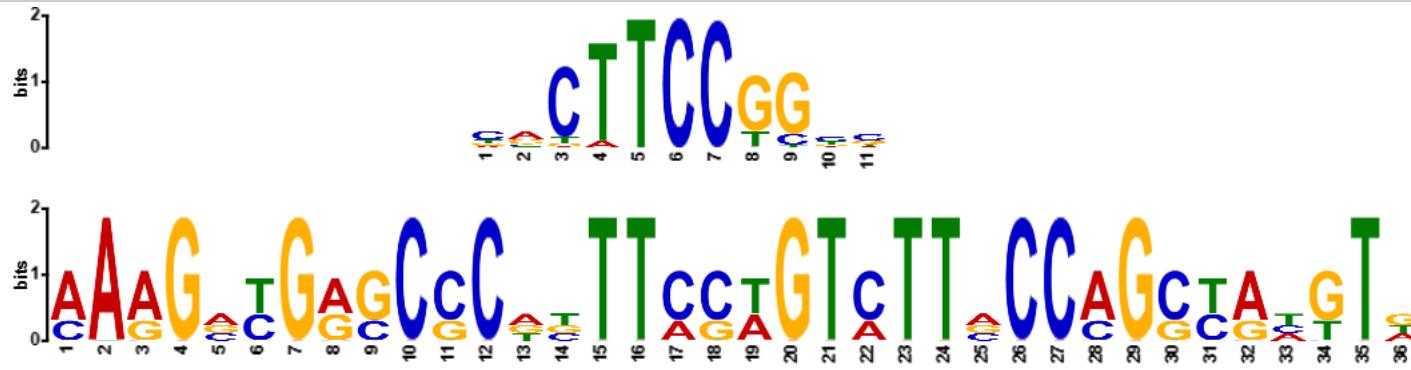
Name	<a href="#">EHP_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.68e-03
<i>E</i> -value	1.48e+00
<i>q</i> -value	3.67e-01
Overlap	15
Offset	-9
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">ETV1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.57e-03
<i>E</i> -value	2.23e+00
<i>q</i> -value	4.94e-01
Overlap	11
Offset	-11
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

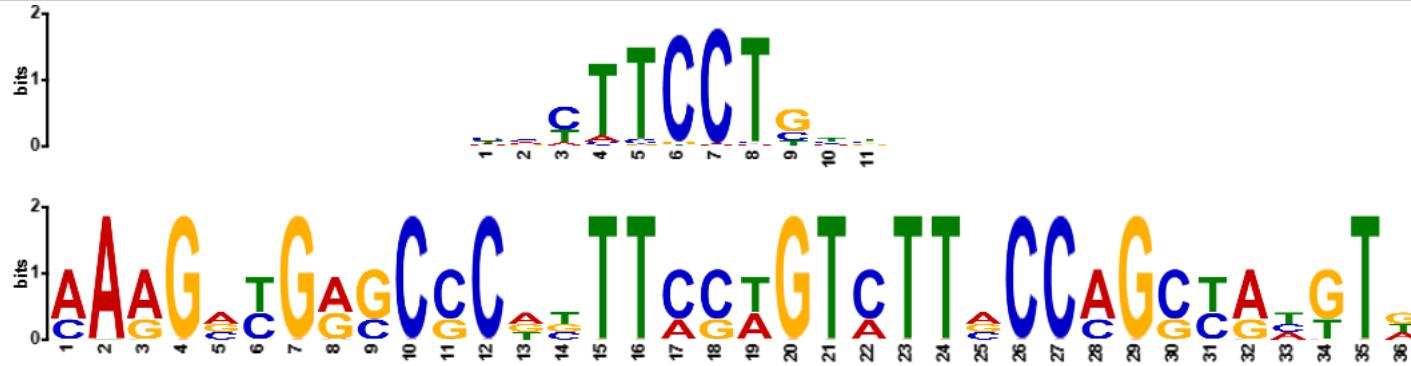
## Optimal Alignment



## Summary

Name	<a href="#">ETV4_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.88e-03
<i>E</i> -value	2.76e+00
<i>q</i> -value	5.20e-01
Overlap	11
Offset	-11
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

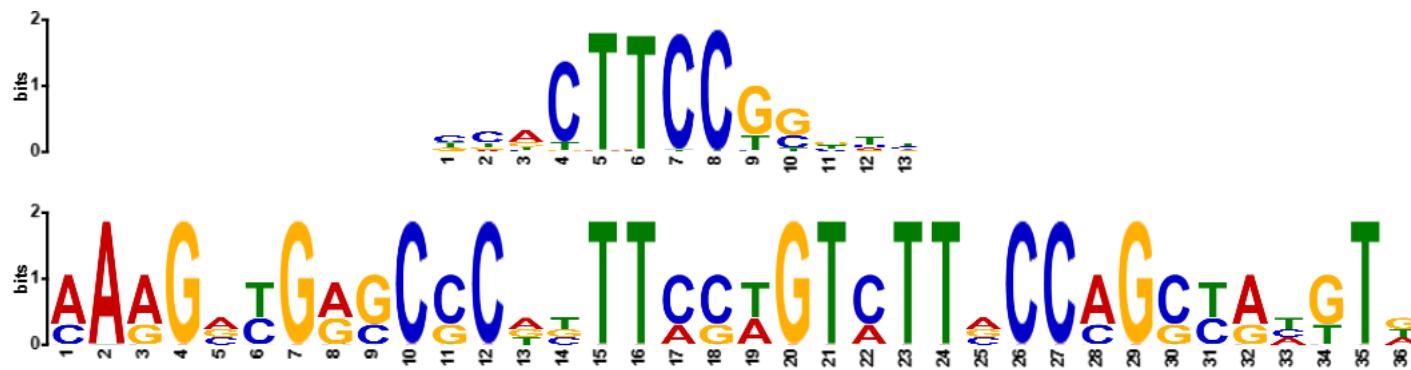
## Optimal Alignment



## Summary

## Optimal Alignment

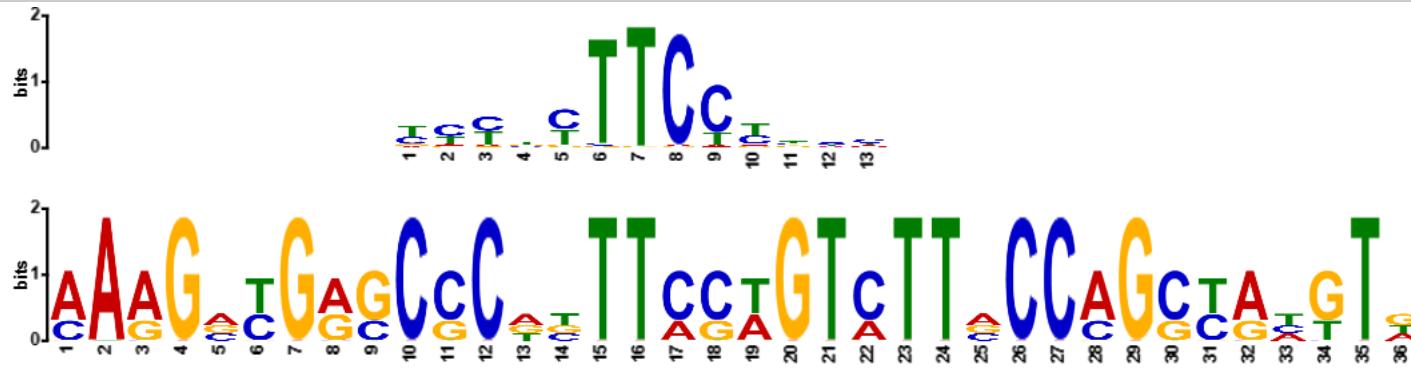
Name	<a href="#">ELF2_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.16e-03
<i>E</i> -value	2.87e+00
<i>q</i> -value	5.20e-01
Overlap	13
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">ETS2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.12e-03
<i>E</i> -value	3.26e+00
<i>q</i> -value	5.40e-01
Overlap	13
Offset	-9
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

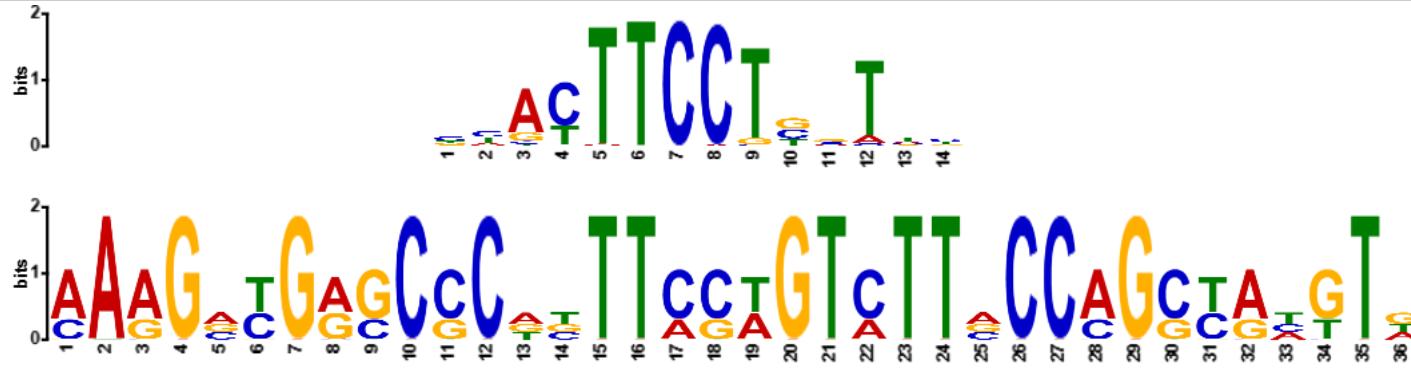
## Optimal Alignment



## Summary

Name	<a href="#">ELF3_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.98e-03
<i>E</i> -value	3.60e+00
<i>q</i> -value	5.43e-01
Overlap	14
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

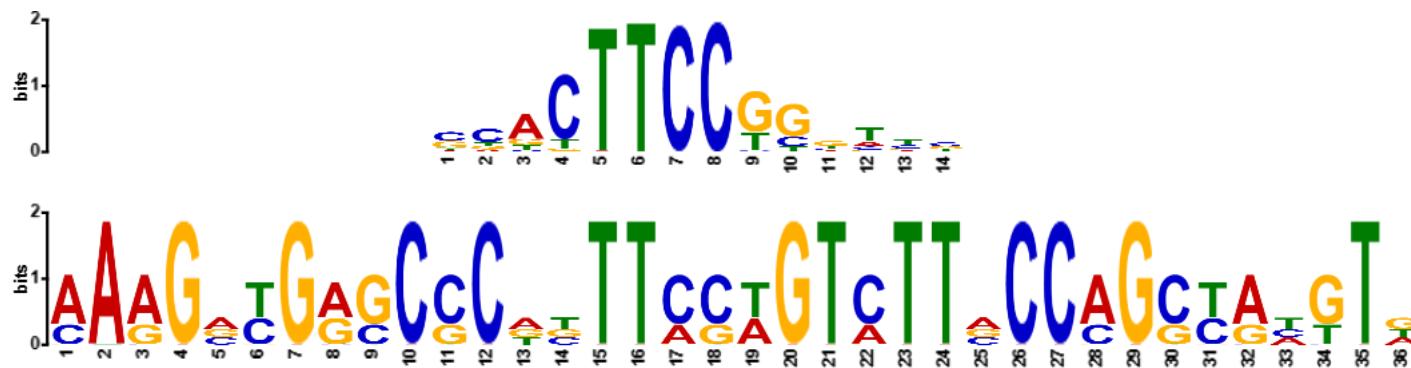
## Optimal Alignment



## Summary

## Optimal Alignment

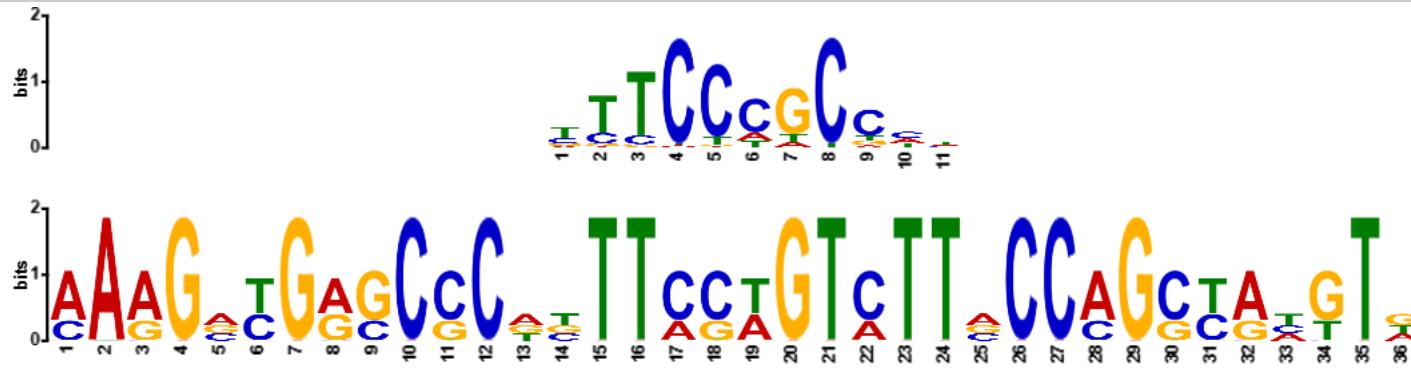
Name	<a href="#">ELF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.53e-03
<i>E</i> -value	3.82e+00
<i>q</i> -value	5.43e-01
Overlap	14
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">E2F3_HUMAN.H11MO.0.A</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	11
Offset	-13
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

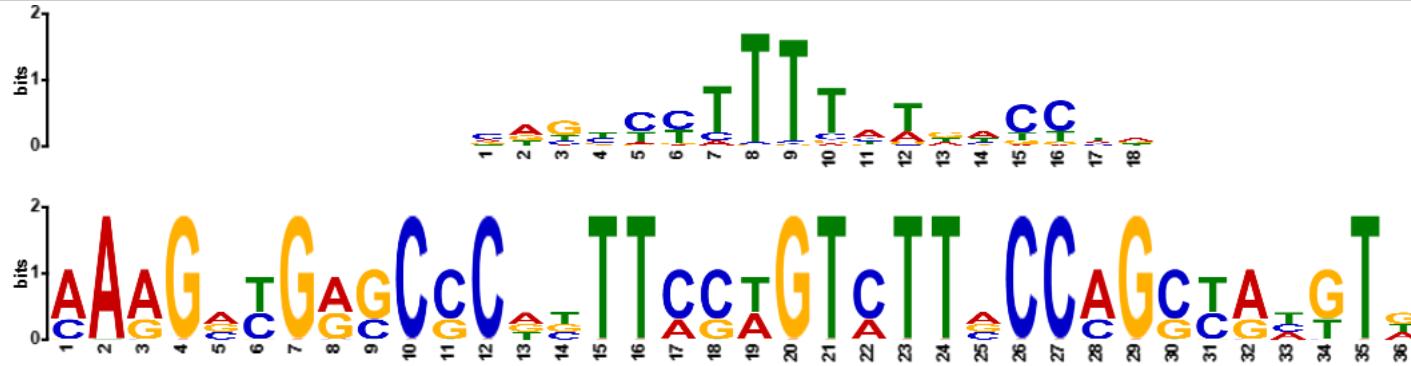
## Optimal Alignment



## Summary

Name	<a href="#">ZN350_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.20e-02
<i>E</i> -value	4.82e+00
<i>q</i> -value	6.00e-01
Overlap	18
Offset	-11
Orientation	Normal
	<a href="#">Show logo download options</a>

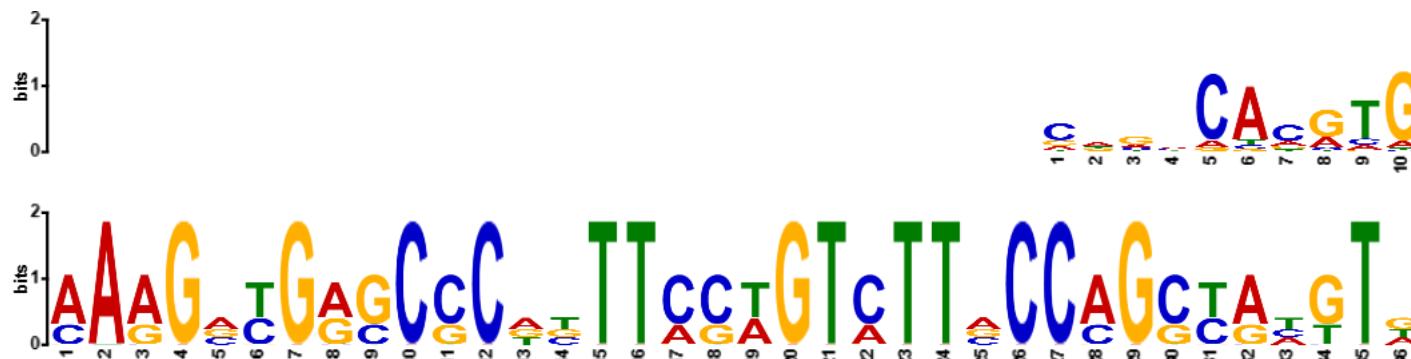
## Optimal Alignment



## Summary

## Optimal Alignment

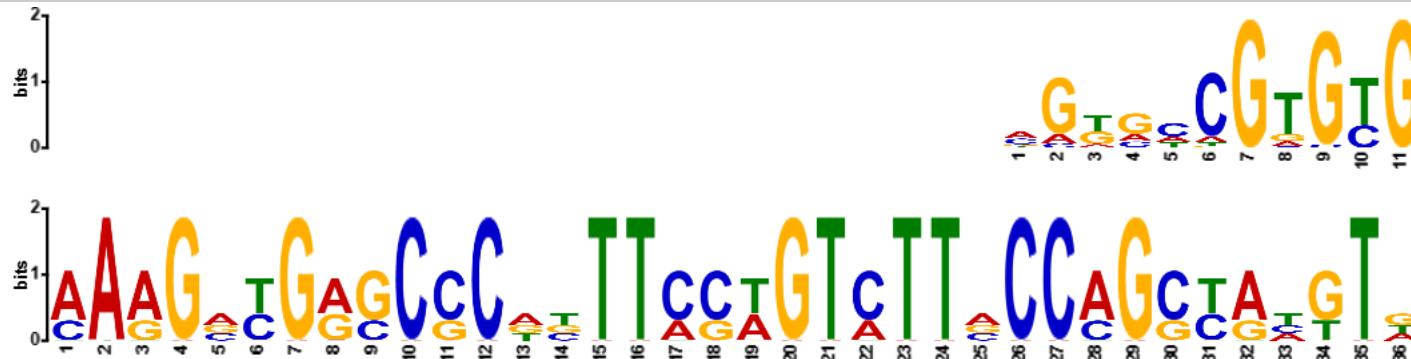
Name	<a href="#">CLOCK_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.43e-02
<i>E</i> -value	5.73e+00
<i>q</i> -value	6.55e-01
Overlap	14
Offset	-26
Orientation	Normal
<a href="#">Show logo download options</a>	



## Summary

Name	<a href="#">MTF1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.53e-02
<i>E</i> -value	6.12e+00
<i>q</i> -value	6.55e-01
Overlap	16
Offset	-25
Orientation	Normal
<a href="#">Show logo download options</a>	

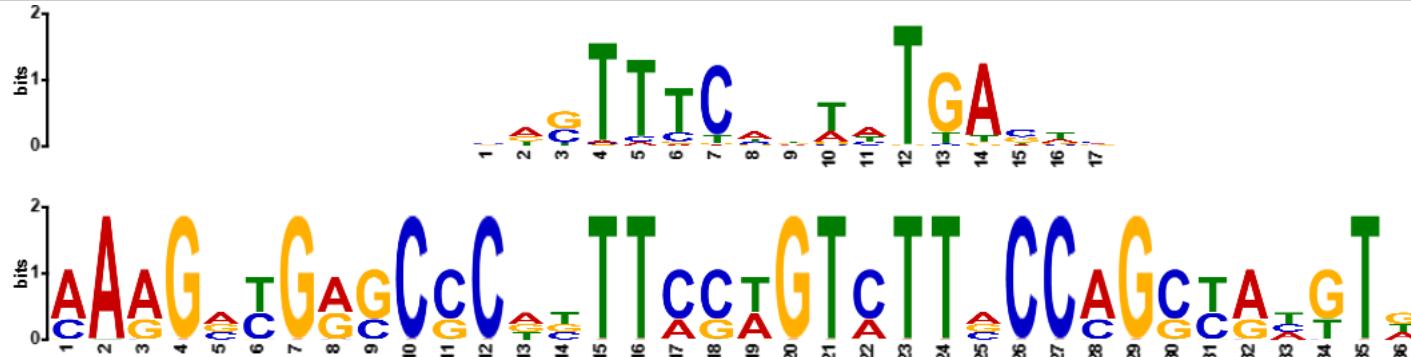
## Optimal Alignment



## Summary

Name	<a href="#">BATF3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.61e-02
<i>E</i> -value	6.44e+00
<i>q</i> -value	6.55e-01
Overlap	17
Offset	-11
Orientation	Normal
<a href="#">Show logo download options</a>	

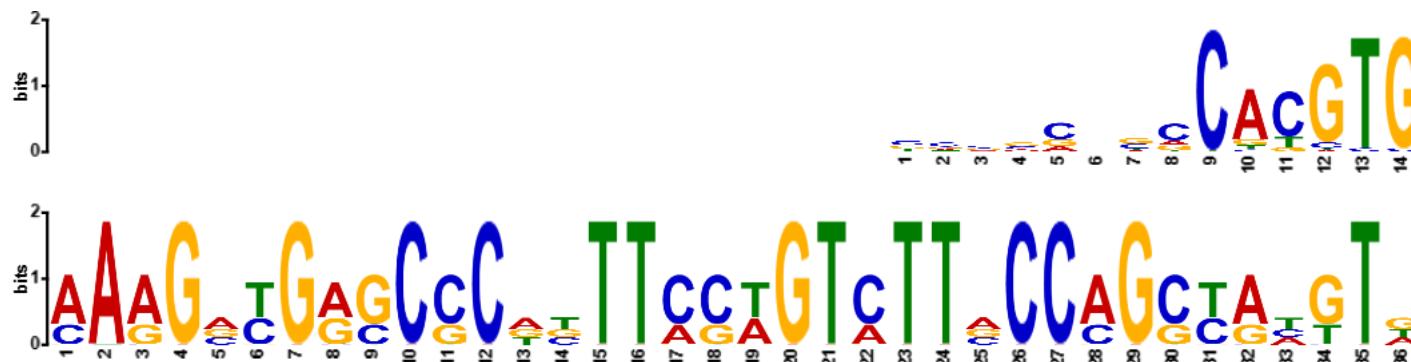
## Optimal Alignment



## Summary

## Optimal Alignment

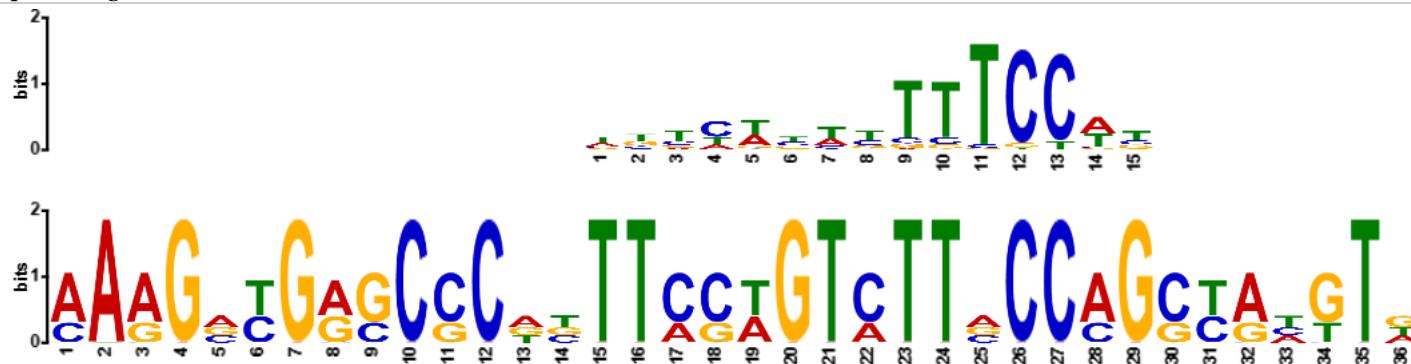
Name	<a href="#">MX1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.72e-02
<i>E</i> -value	6.92e+00
<i>q</i> -value	6.55e-01
Overlap	15
Offset	-22
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">NFAC1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.72e-02
<i>E</i> -value	6.92e+00
<i>q</i> -value	6.55e-01
Overlap	15
Offset	-14
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

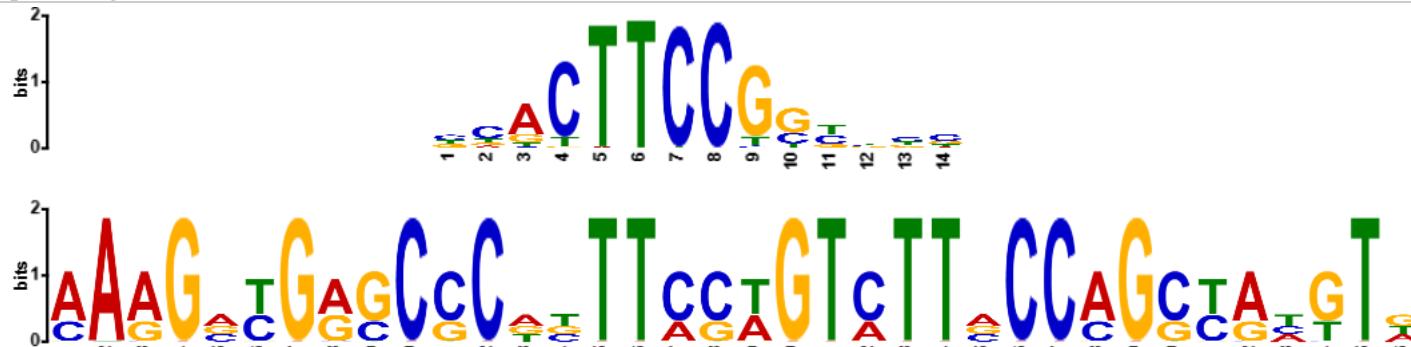
## Optimal Alignment



## Summary

Name	<a href="#">GABPA_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.23e-02
<i>E</i> -value	8.95e+00
<i>q</i> -value	7.76e-01
Overlap	14
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

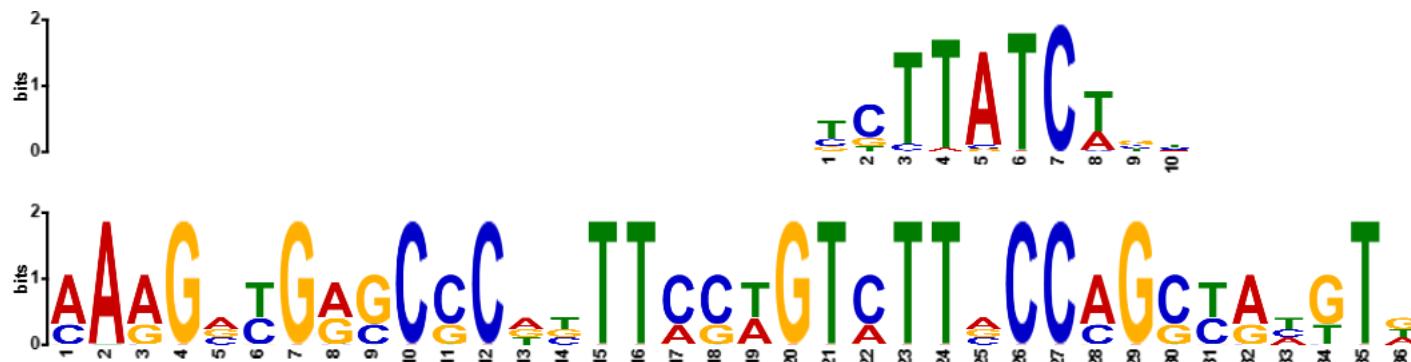
## Optimal Alignment



## Summary

## Optimal Alignment

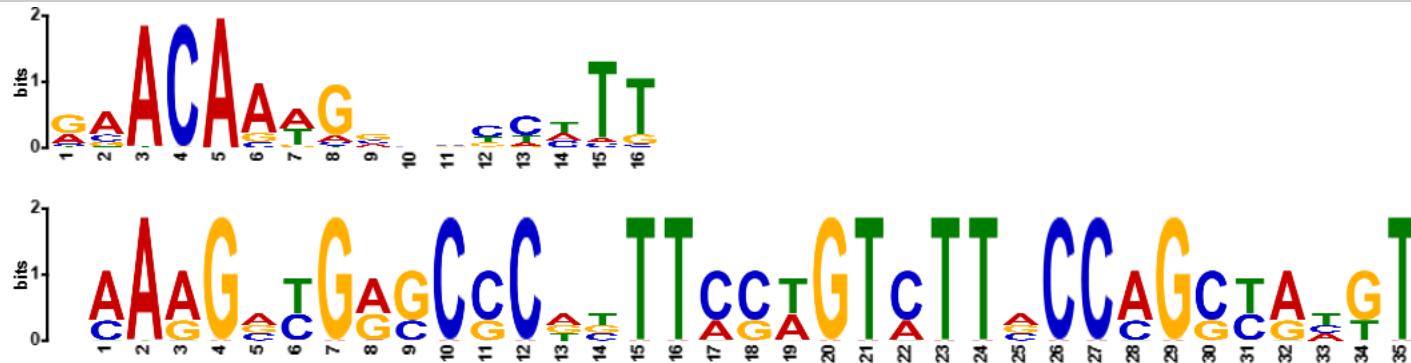
Name	<a href="#">GATA4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.24e-02
<i>E</i> -value	8.97e+00
<i>q</i> -value	7.76e-01
Overlap	10
Offset	-20
Orientation	Reverse Complement
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## Summary

Name	<a href="#">SOX9_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.41e-02
<i>E</i> -value	9.66e+00
<i>q</i> -value	8.01e-01
Overlap	15
Offset	1
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

## Optimal Alignment



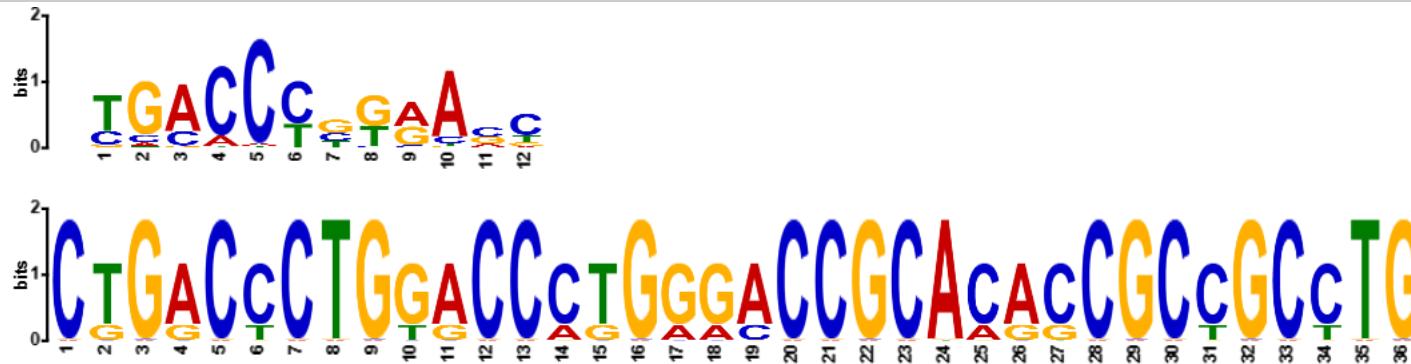
## MATCHES TO CTGACCCTGGACCCTGGGACCGCACACCGCCGCCTGCTCAT (MEME-9)

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## Summary

Name	<a href="#">NR2C2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.78e-04
<i>E</i> -value	1.52e-01
<i>q</i> -value	2.82e-01
Overlap	12
Offset	-1
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

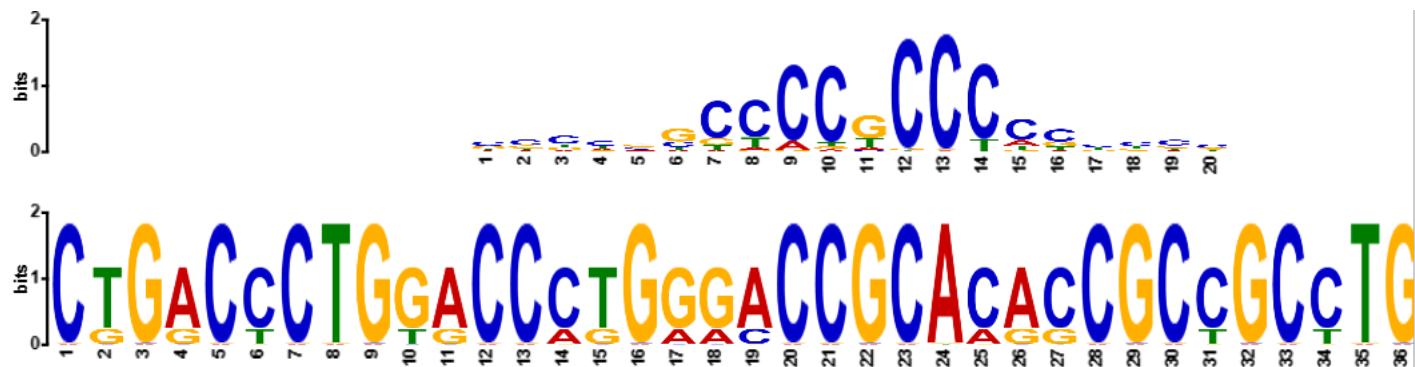
## Optimal Alignment



## Summary

## Optimal Alignment

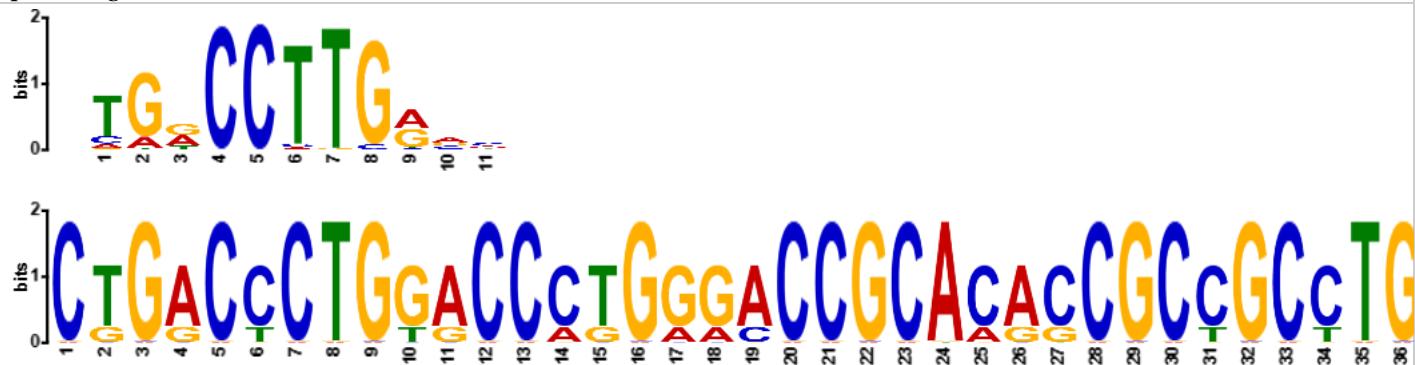
Name	<a href="#">SP3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.72e-04
<i>E</i> -value	3.90e-01
<i>q</i> -value	2.82e-01
Overlap	20
Offset	-11
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">NR5A2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.27e-03
<i>E</i> -value	5.09e-01
<i>q</i> -value	2.82e-01
Overlap	11
Offset	-1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

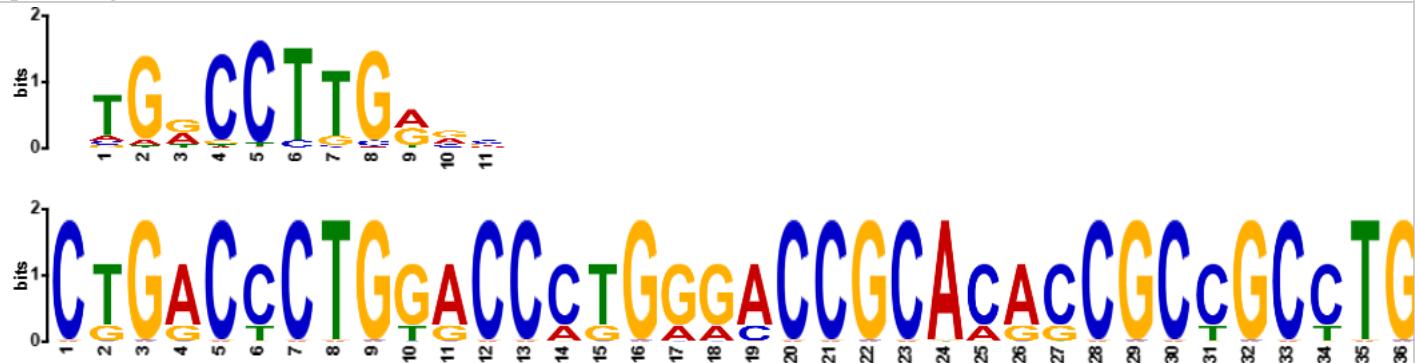
#### Optimal Alignment



#### Summary

Name	<a href="#">STF1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.41e-03
<i>E</i> -value	5.66e-01
<i>q</i> -value	2.82e-01
Overlap	11
Offset	-1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

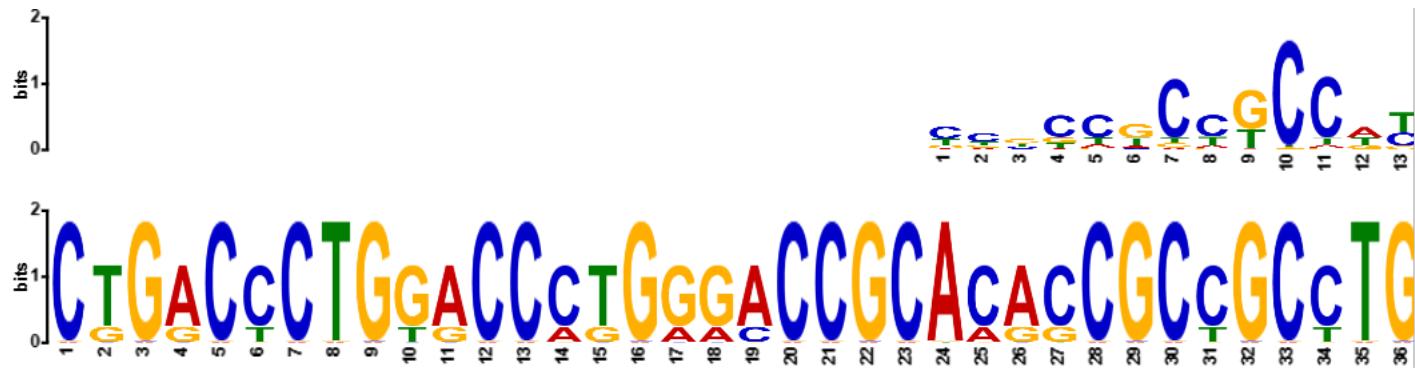
#### Optimal Alignment



#### Summary

#### Optimal Alignment

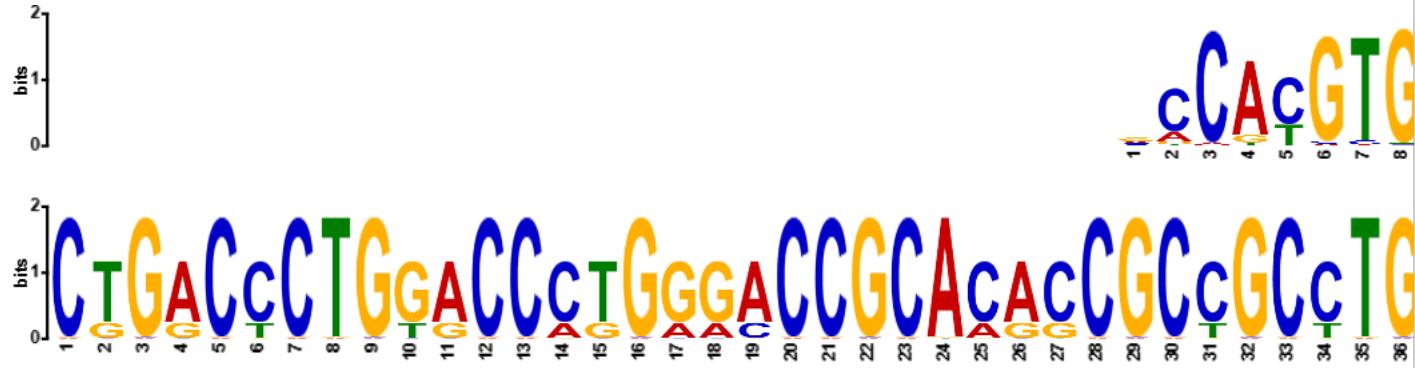
Name	<a href="#">TAF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.26e-03
<i>E</i> -value	9.06e-01
<i>q</i> -value	3.61e-01
Overlap	16
Offset	-23
Orientation	Reverse Complement
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### Summary

Name	<a href="#">MYC_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.07e-03
<i>E</i> -value	1.63e+00
<i>q</i> -value	5.42e-01
Overlap	11
Offset	-28
Orientation	Normal
<a href="#">Show logo download options</a>	

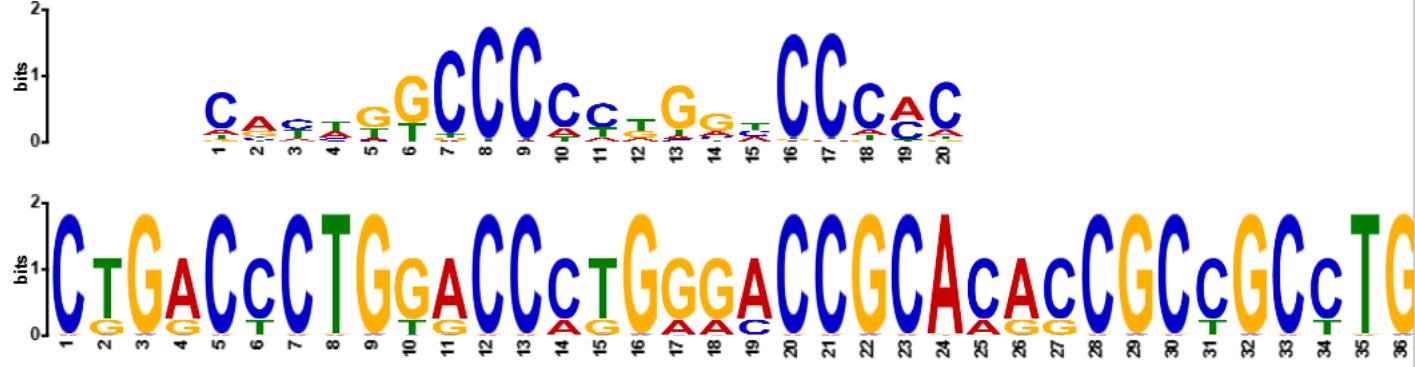
### Optimal Alignment



### Summary

Name	<a href="#">ZN320_HUMAN.H11MO.0.C</a>
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	5.57e-01
Overlap	20
Offset	-4
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

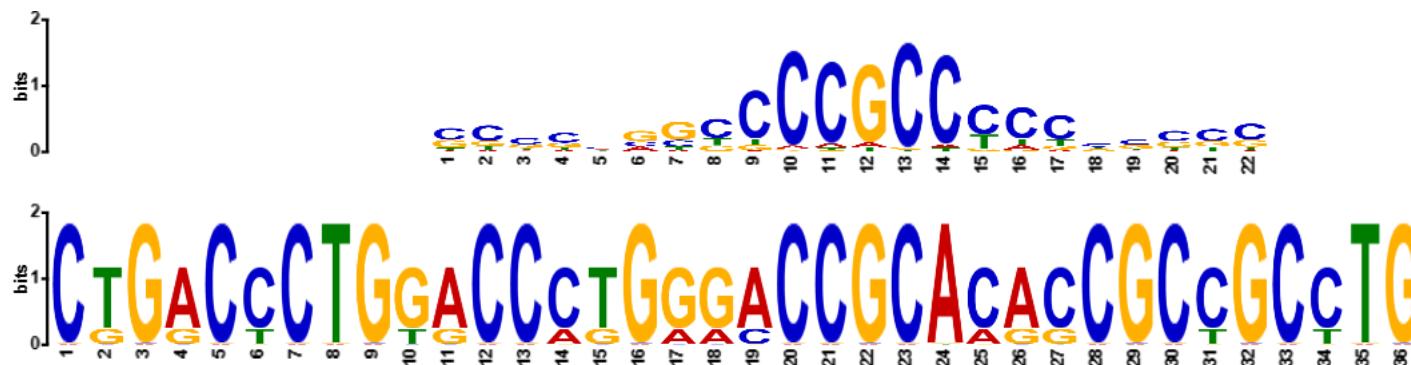
### Optimal Alignment



### Summary

### Optimal Alignment

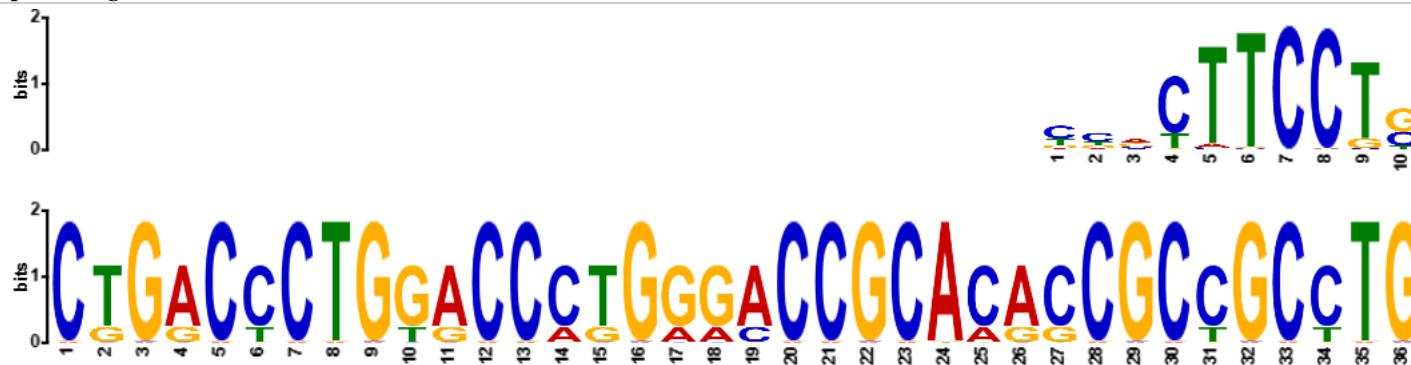
Name	<a href="#">SP2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.58e-03
<i>E</i> -value	2.24e+00
<i>q</i> -value	5.57e-01
Overlap	22
Offset	-10
Orientation	Reverse Complement
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## Summary

Name	<a href="#">ERG_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.43e-03
<i>E</i> -value	2.58e+00
<i>q</i> -value	5.59e-01
Overlap	13
Offset	-26
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

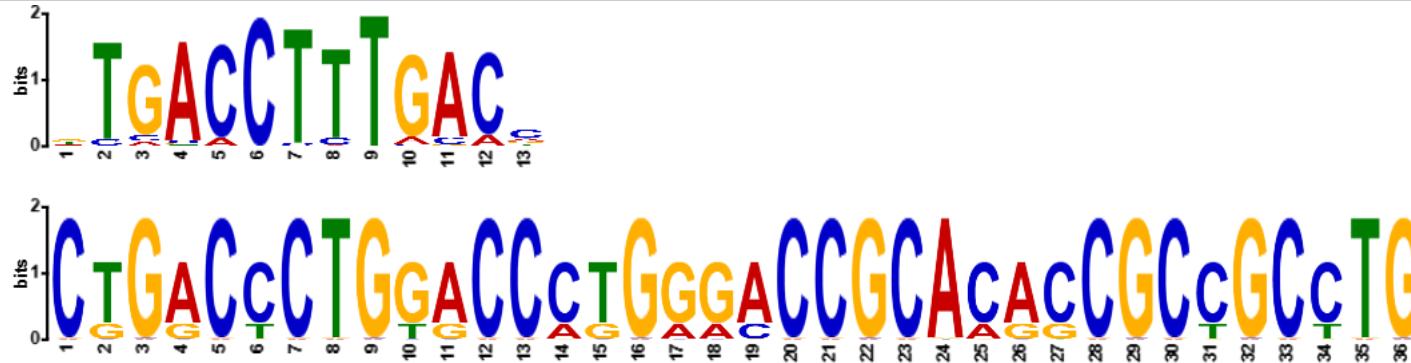
## Optimal Alignment



## Summary

Name	<a href="#">RXRG_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.00e-03
<i>E</i> -value	2.81e+00
<i>q</i> -value	5.59e-01
Overlap	13
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

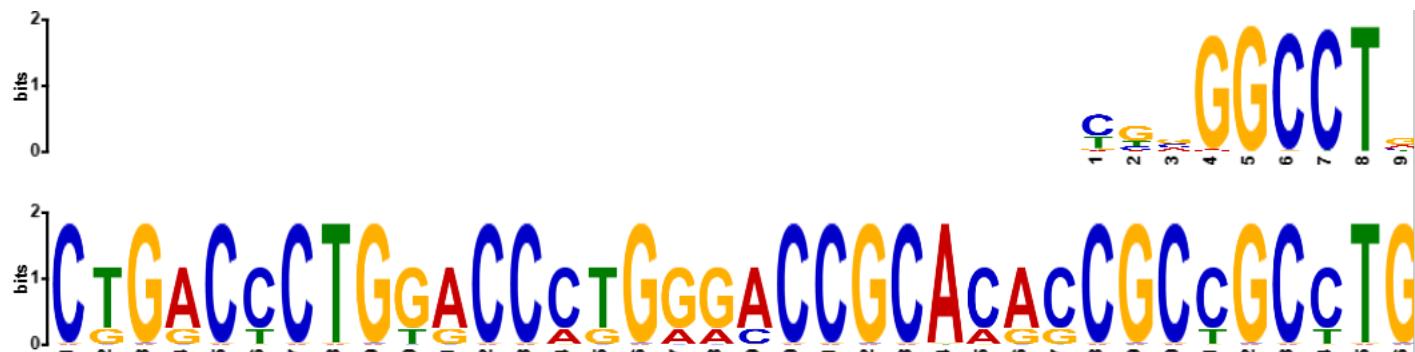
## Optimal Alignment



## Summary

## Optimal Alignment

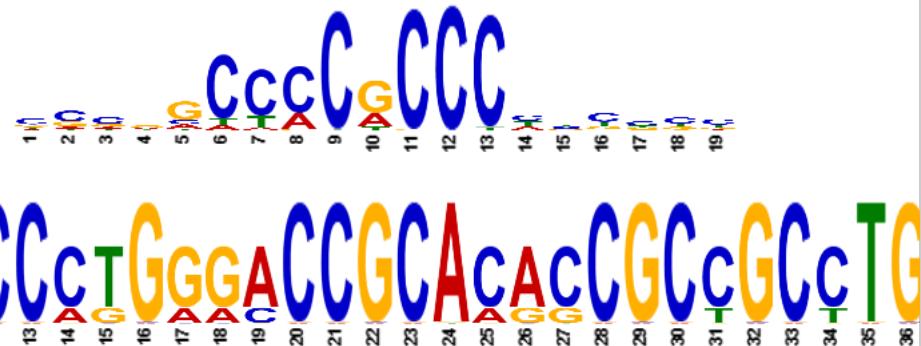
Name	<a href="#">ZFX_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.31e-03
<i>E</i> -value	3.33e+00
<i>q</i> -value	6.00e-01
Overlap	10
Offset	-27
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



### Summary

Name	<a href="#">KLF3_HUMAN.H11MO.0.B</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	19
Offset	-12
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

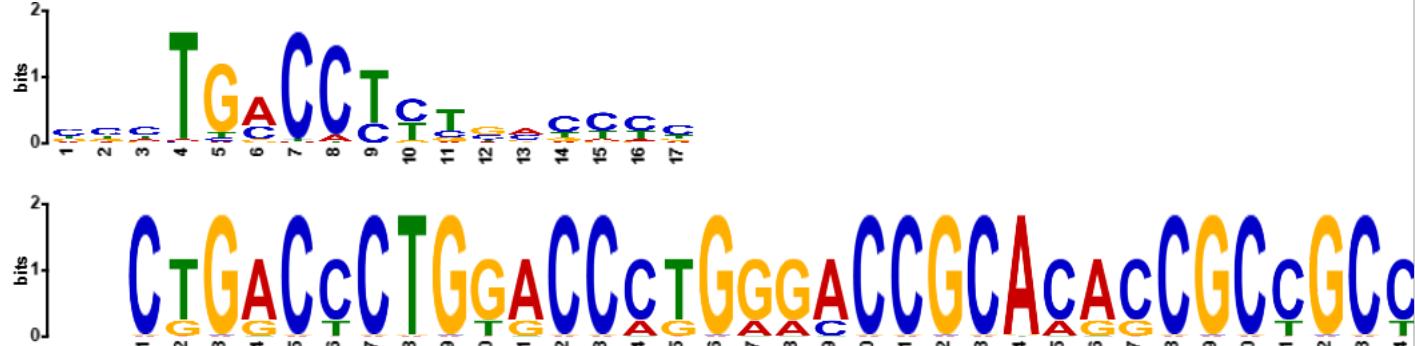
### Optimal Alignment



### Summary

Name	<a href="#">COT1_HUMAN.H11MO.0.C</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	6.71e-01
Overlap	15
Offset	2
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

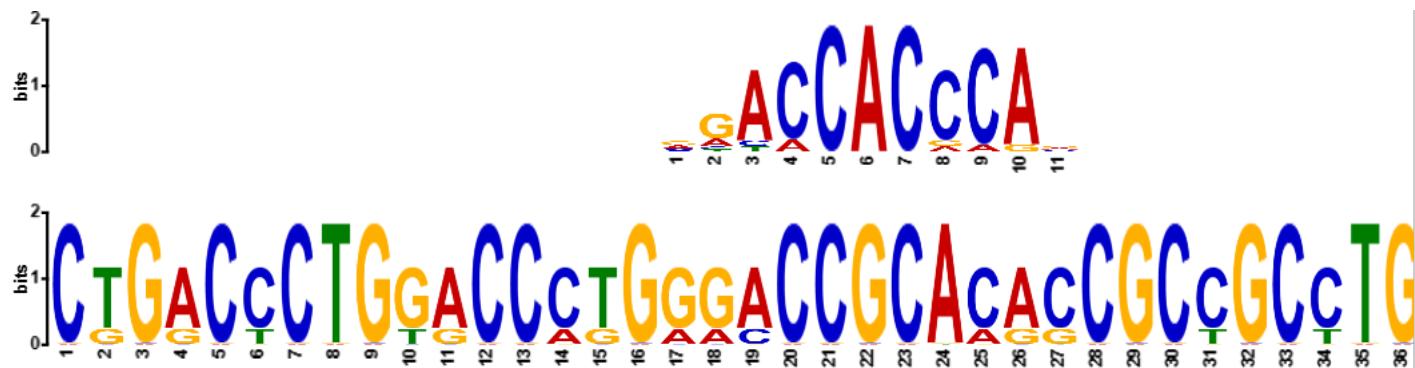
### Optimal Alignment



### Summary

### Optimal Alignment

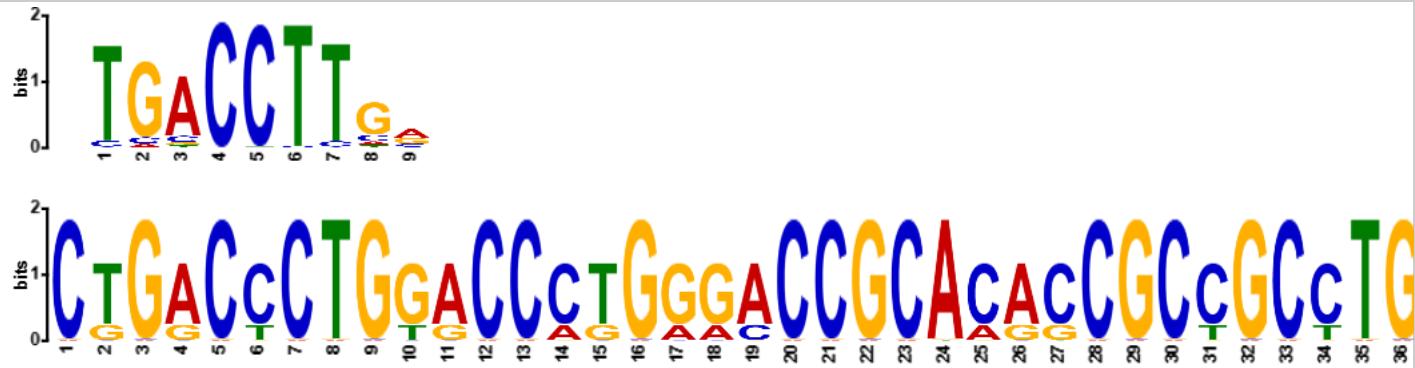
Name	<a href="#">GL3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.31e-02
<i>E</i> -value	5.24e+00
<i>q</i> -value	6.71e-01
Overlap	11
Offset	-16
Orientation	Reverse Complement
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## Summary

Name	<a href="#">ERR2_HUMAN.H11MO.0.A</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	6.71e-01
Overlap	9
Offset	-1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

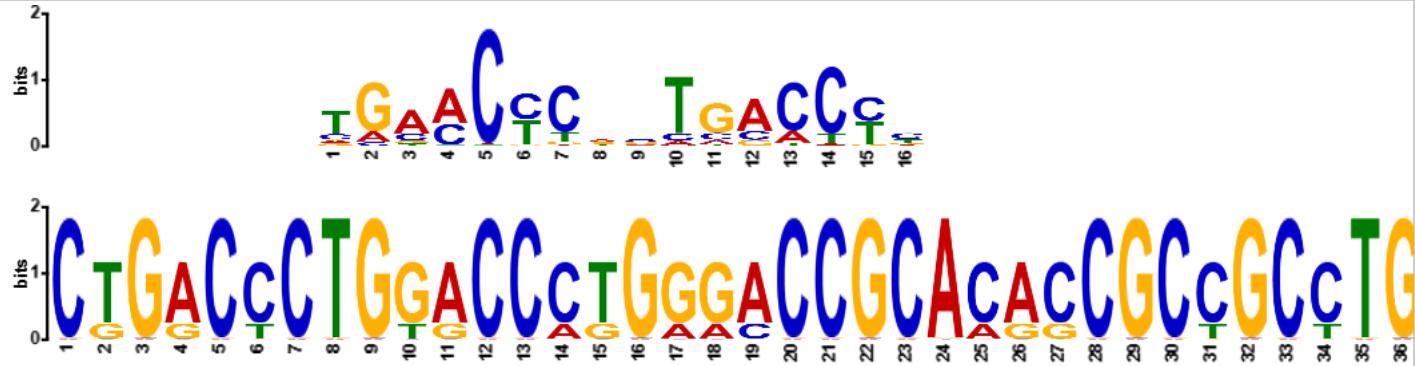
## Optimal Alignment



## Summary

Name	<a href="#">VDR_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.44e-02
<i>E</i> -value	5.78e+00
<i>q</i> -value	6.71e-01
Overlap	16
Offset	-7
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

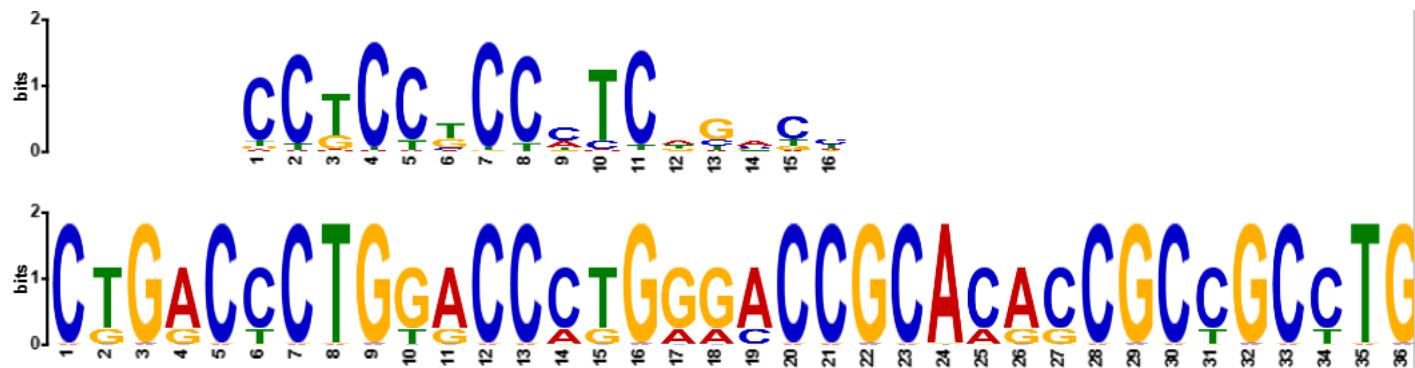
## Optimal Alignment



## Summary

## Optimal Alignment

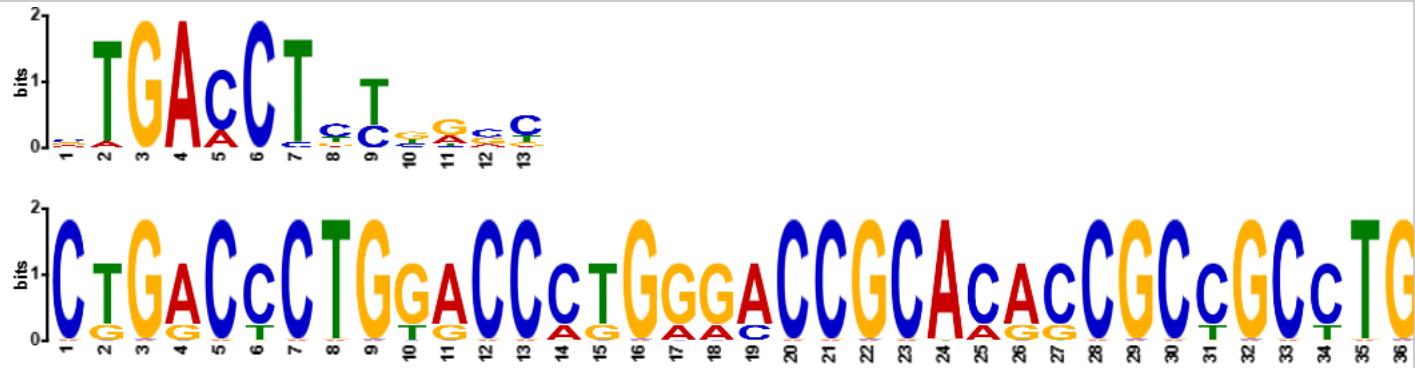
Name	<a href="#">ZSC22_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.55e-02
<i>E</i> -value	6.21e+00
<i>q</i> -value	6.71e-01
Overlap	16
Offset	-5
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">NR2C1_HUMAN.H11MO.0.C</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	6.71e-01
Overlap	13
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

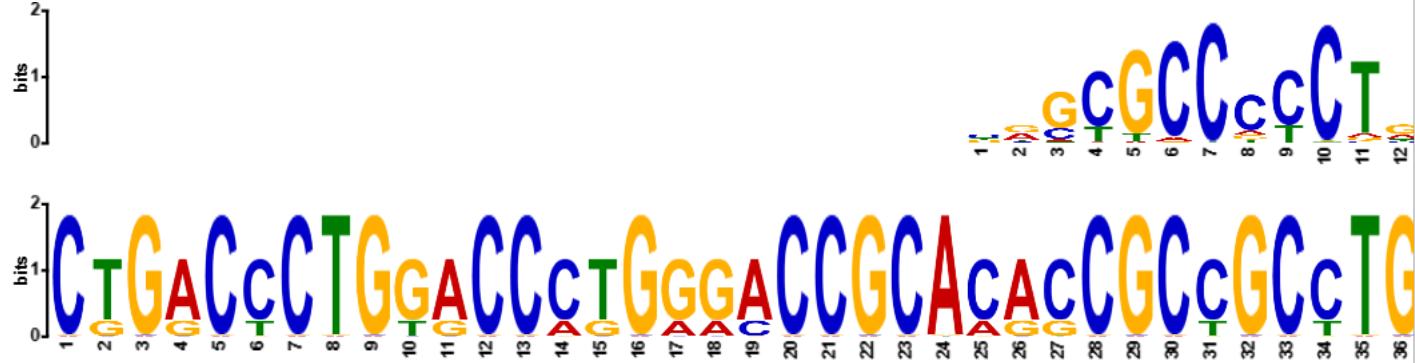
## Optimal Alignment



## Summary

Name	<a href="#">CTCFL_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.66e-02
<i>E</i> -value	6.65e+00
<i>q</i> -value	6.71e-01
Overlap	17
Offset	-24
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

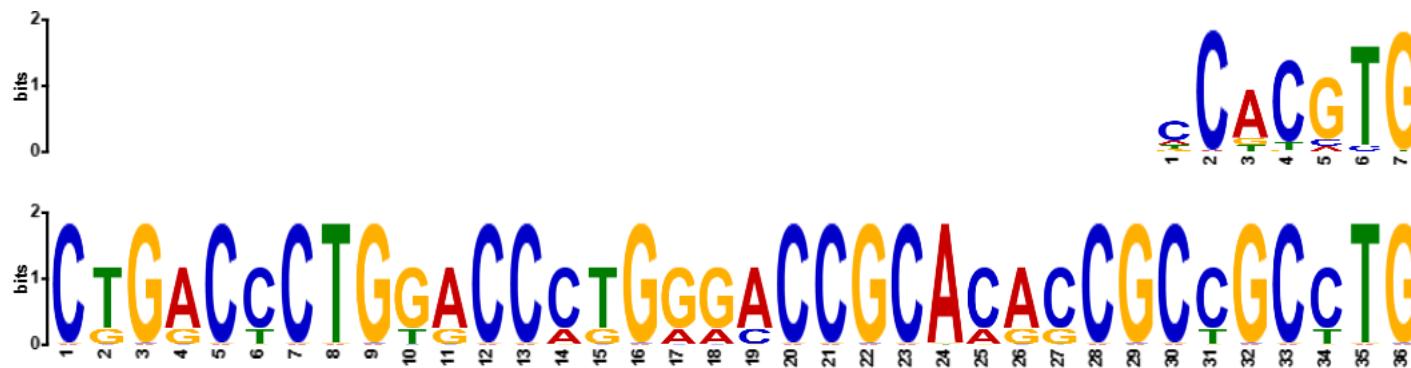
## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">MAX_HUMAN.H11MO.0.A</a>
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	6.71e-01
Overlap	10
Offset	-29
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



### Summary

Name	<a href="#">COT2_HUMAN.H11MO.0.A</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	6.73e-01
Overlap	13
Offset	-4
Orientation	Reverse Complement
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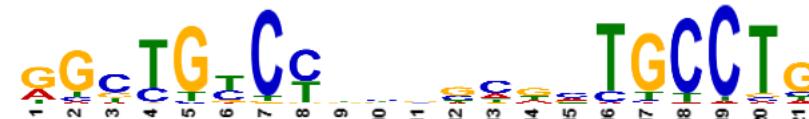
### Optimal Alignment



### Summary

Name	<a href="#">ZN335_HUMAN.H11MO.0.A</a>
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	7.17e-01
Overlap	22
Offset	-15
Orientation	Normal
	<a href="#">Show logo download options</a>

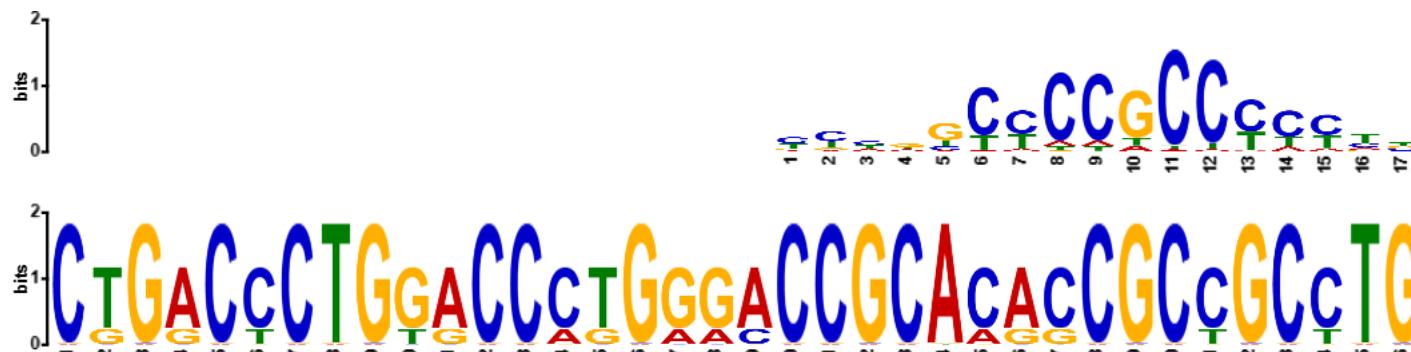
### Optimal Alignment



### Summary

### Optimal Alignment

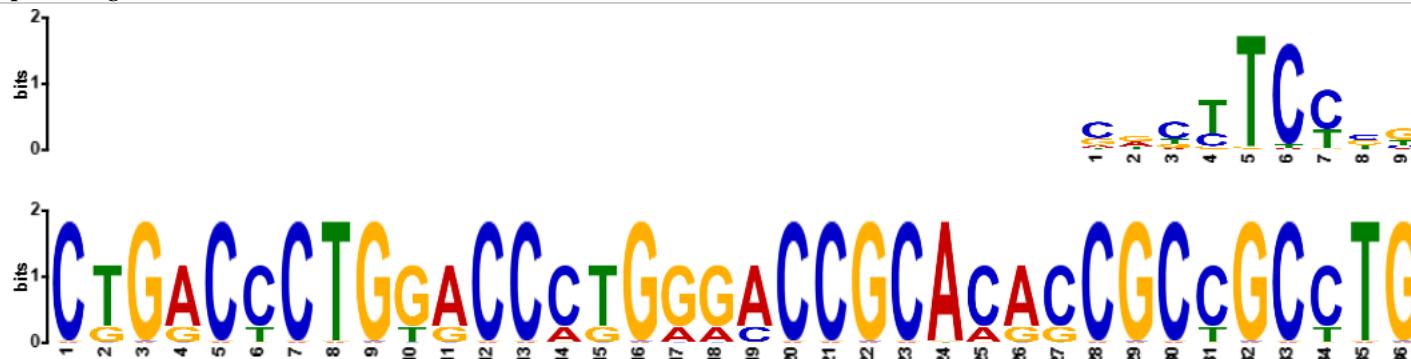
Name	<a href="#">SP4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.26e-02
<i>E</i> -value	9.06e+00
<i>q</i> -value	7.67e-01
Overlap	20
Offset	-19
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">FEV_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.32e-02
<i>E</i> -value	9.31e+00
<i>q</i> -value	7.67e-01
Overlap	10
Offset	-27
Orientation	Reverse Complement
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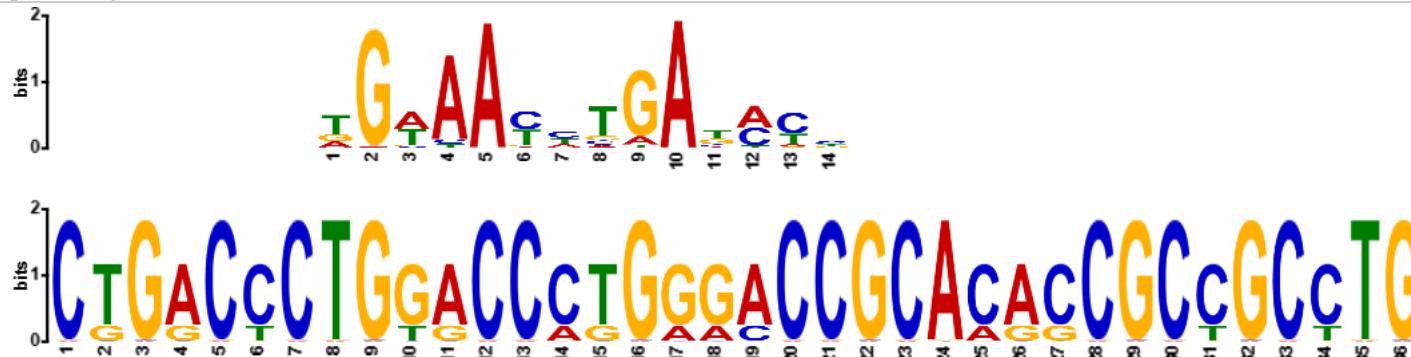
## Optimal Alignment



## Summary

Name	<a href="#">SIX1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.41e-02
<i>E</i> -value	9.68e+00
<i>q</i> -value	7.67e-01
Overlap	14
Offset	-7
Orientation	Normal
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## Optimal Alignment



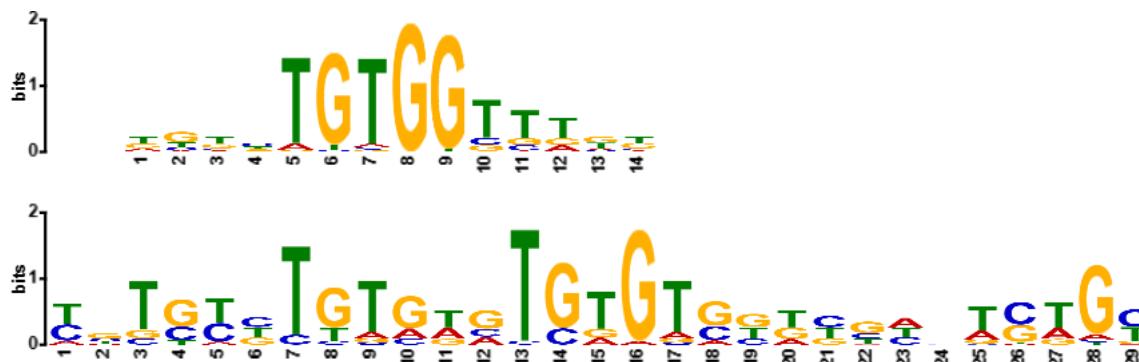
MATCHES TO YSTS YBTGTG WGTGTG TSKK BGH NTST GY (MEME-10)

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## Summary

## Optimal Alignment

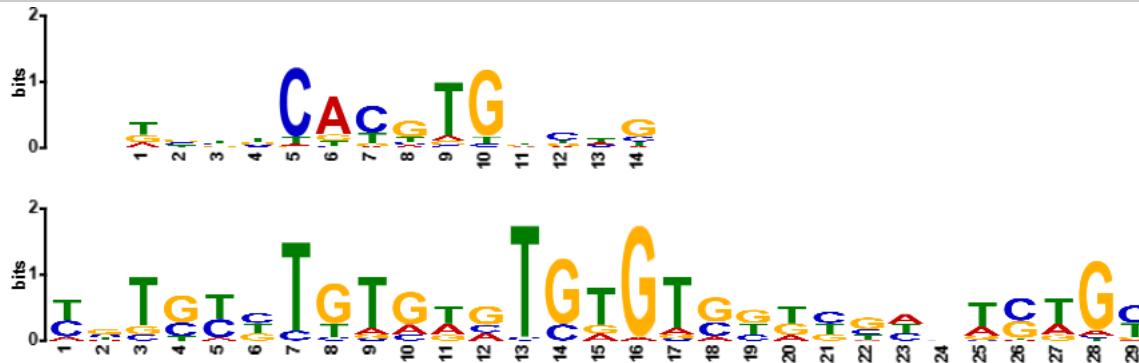
Name	<a href="#">RUNX2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.90e-03
<i>E</i> -value	1.56e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	-2
Orientation	Normal
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### Summary

Name	<a href="#">CLOCK_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.28e-03
<i>E</i> -value	2.52e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	-2
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

### Optimal Alignment



### Summary

Name	<a href="#">TBX21_HUMAN.H11MO.0.A</a>
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	13
Offset	-7
Orientation	Normal
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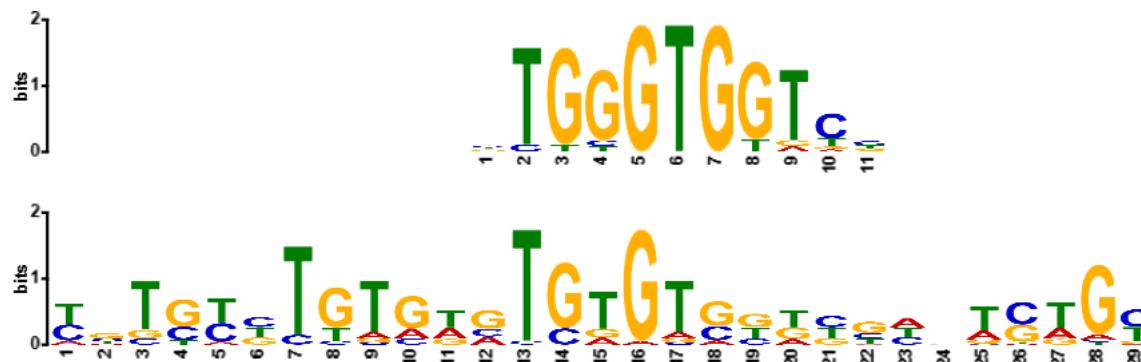
### Optimal Alignment



### Summary

### Optimal Alignment

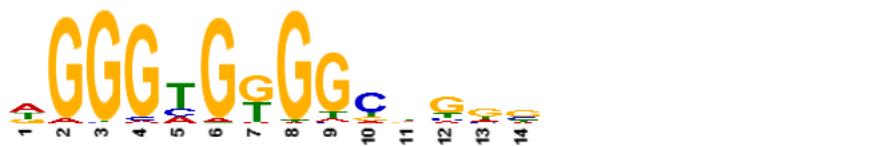
Name	<a href="#">GL3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.15e-02
<i>E</i> -value	4.60e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	-11
Orientation	Normal
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### Summary

Name	<a href="#">KLF5_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.39e-02
<i>E</i> -value	5.56e+00
<i>q</i> -value	1.00e+00
Overlap	14
Offset	-6
Orientation	Normal
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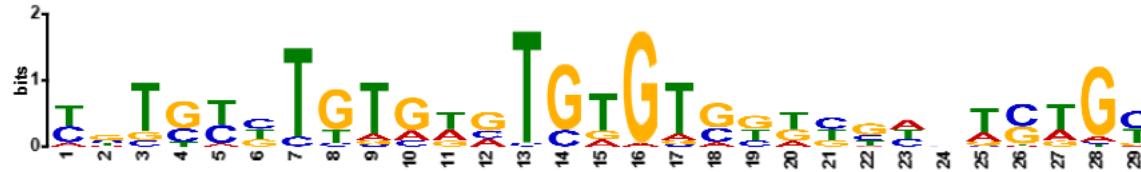
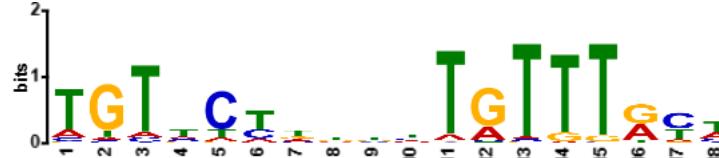
### Optimal Alignment



### Summary

Name	<a href="#">ANDR_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.44e-02
<i>E</i> -value	5.78e+00
<i>q</i> -value	1.00e+00
Overlap	18
Offset	0
Orientation	Normal
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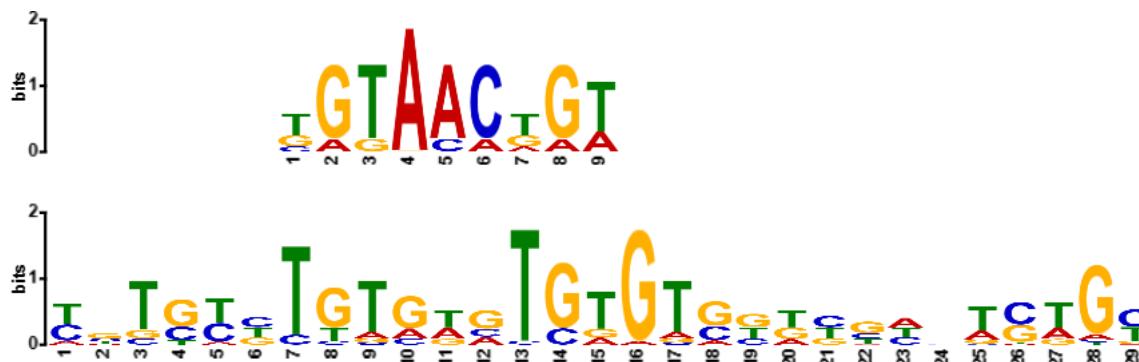
### Optimal Alignment



### Summary

### Optimal Alignment

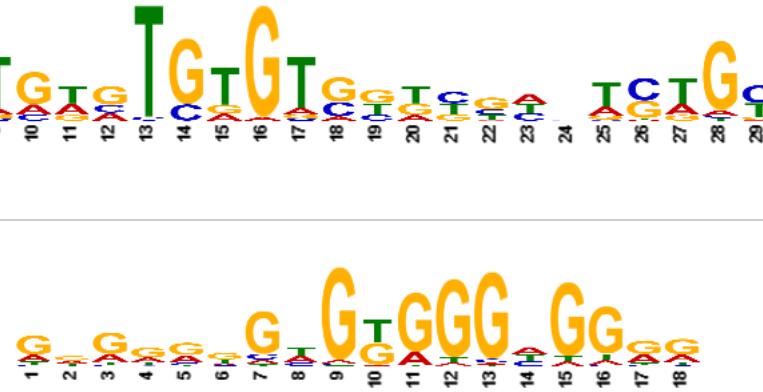
Name	<a href="#">OVOL1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.72e-02
<i>E</i> -value	6.91e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	-6
Orientation	Normal
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## Summary

Name	<a href="#">EGR2_HUMAN.H11MO.0.A</a>
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	1.00e+00
Overlap	18
Offset	-9
Orientation	Normal
<a href="#">Show logo download options</a>	

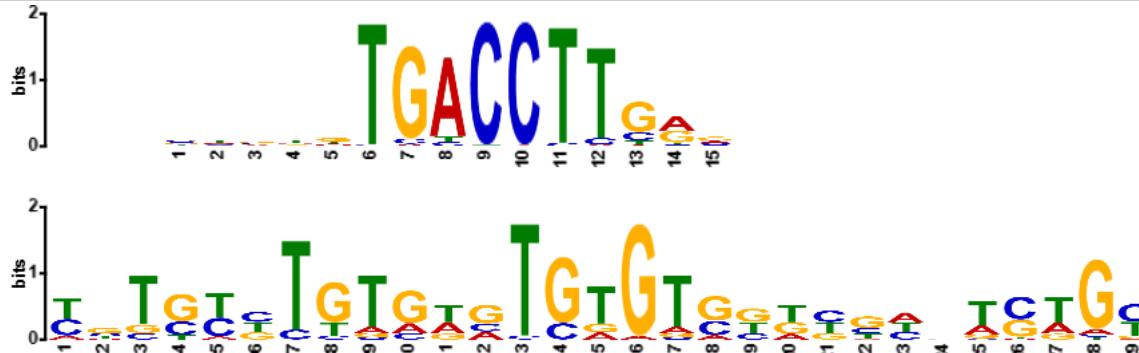
## Optimal Alignment



## Summary

Name	<a href="#">ERR1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.07e-02
<i>E</i> -value	8.30e+00
<i>q</i> -value	1.00e+00
Overlap	15
Offset	-3
Orientation	Reverse Complement
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## Optimal Alignment



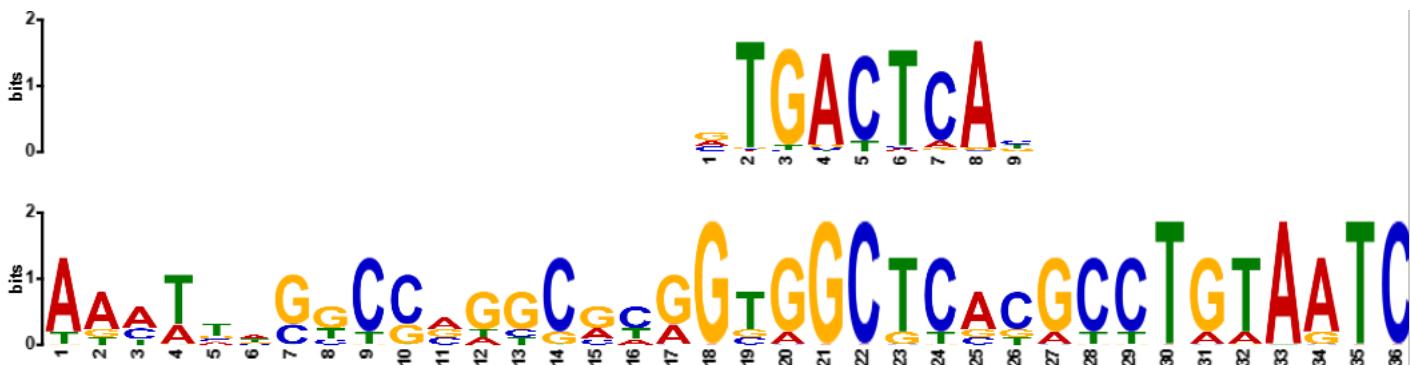
MATCHES TO AAMTTWKGCCVGGCRYGGTGGCTACGCCTGTAATCCCAGC (MEME-11)

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## Summary

## Optimal Alignment

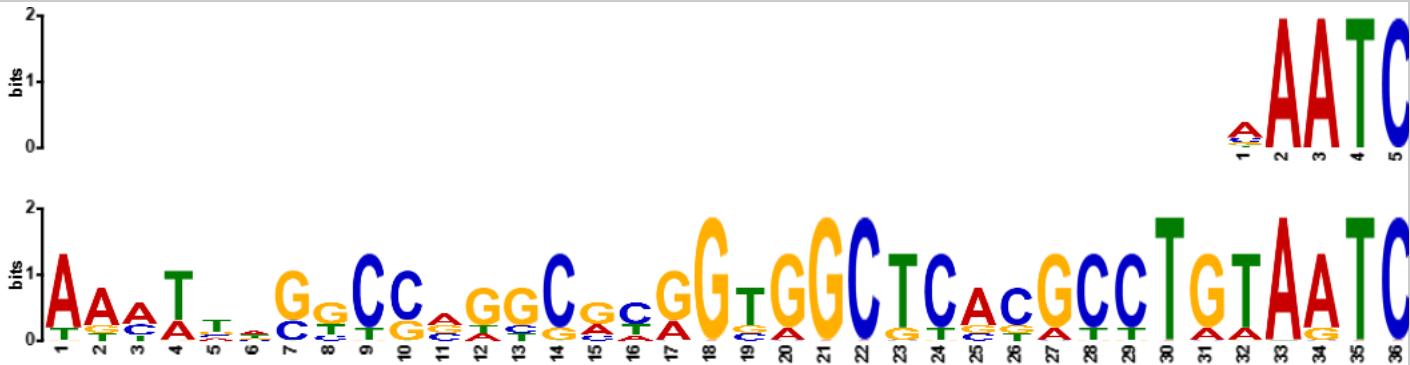
Name	<a href="#">FOS_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.29e-03
<i>E</i> -value	1.32e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	-17
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">GFI1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.73e-03
<i>E</i> -value	1.90e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	-31
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

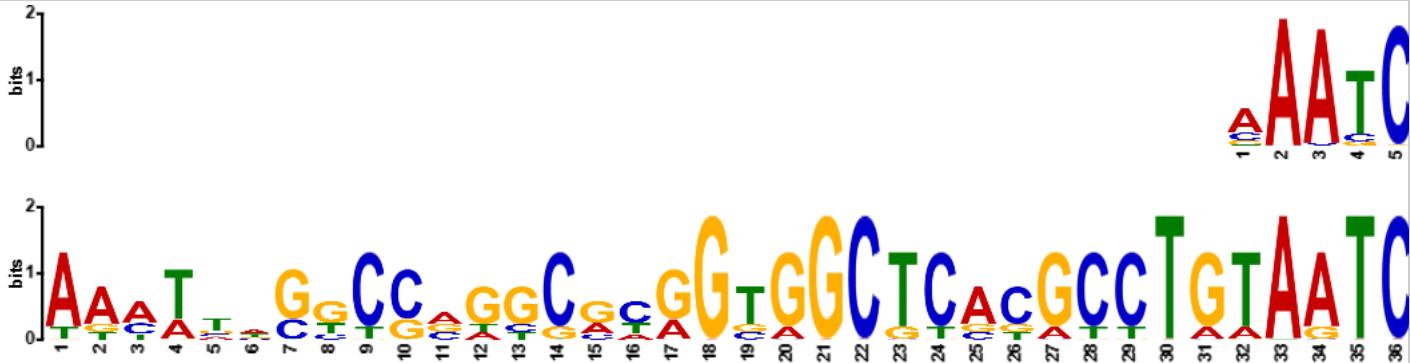
## Optimal Alignment



## Summary

Name	<a href="#">GFI1B_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.34e-03
<i>E</i> -value	2.54e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	-31
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

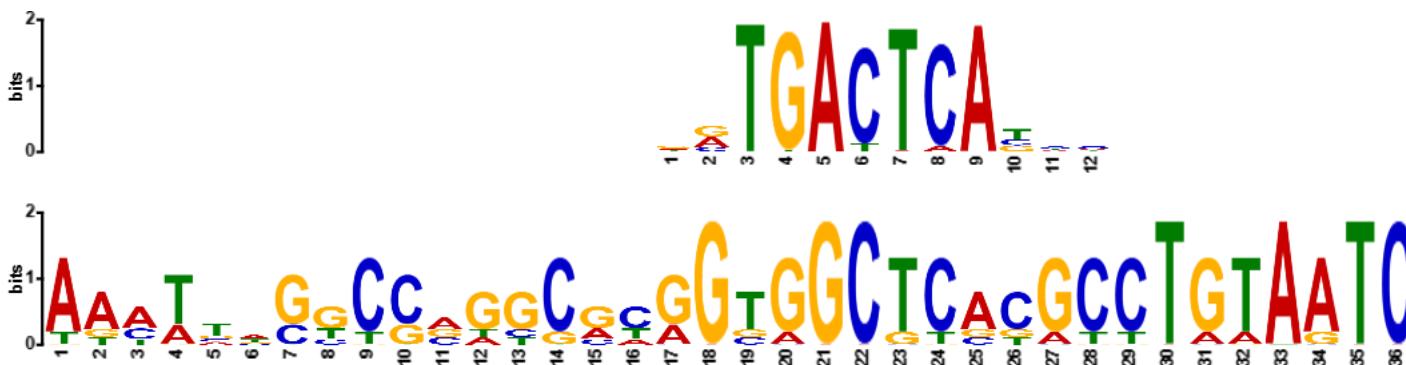
## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">FOSL1_HUMAN.H11MO.0.A</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	1.00e+00
Overlap	12
Offset	-16
Orientation	Reverse Complement
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## Summary

Name	<a href="#">JUND_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.36e-02
<i>E</i> -value	5.47e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	-16
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

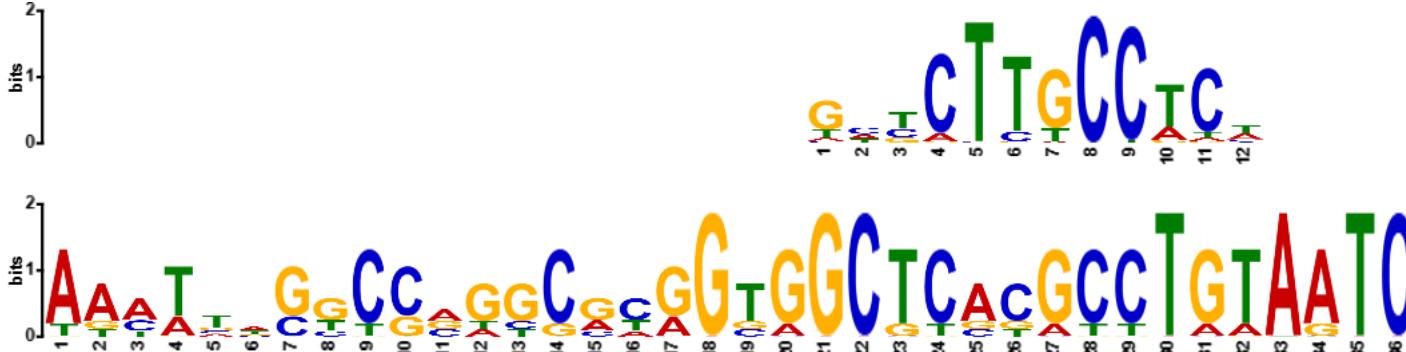
## Optimal Alignment



## Summary

Name	<a href="#">ZN257_HUMAN.H11MO.0.C</a>
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	1.00e+00
Overlap	12
Offset	-20
Orientation	Normal
	<a href="#">Show logo download options</a>

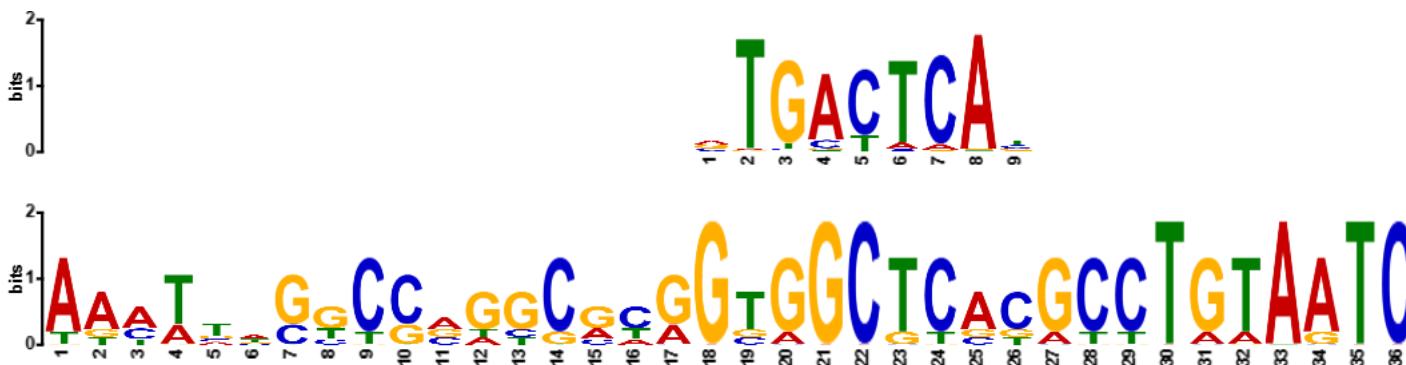
## Optimal Alignment



## Summary

## Optimal Alignment

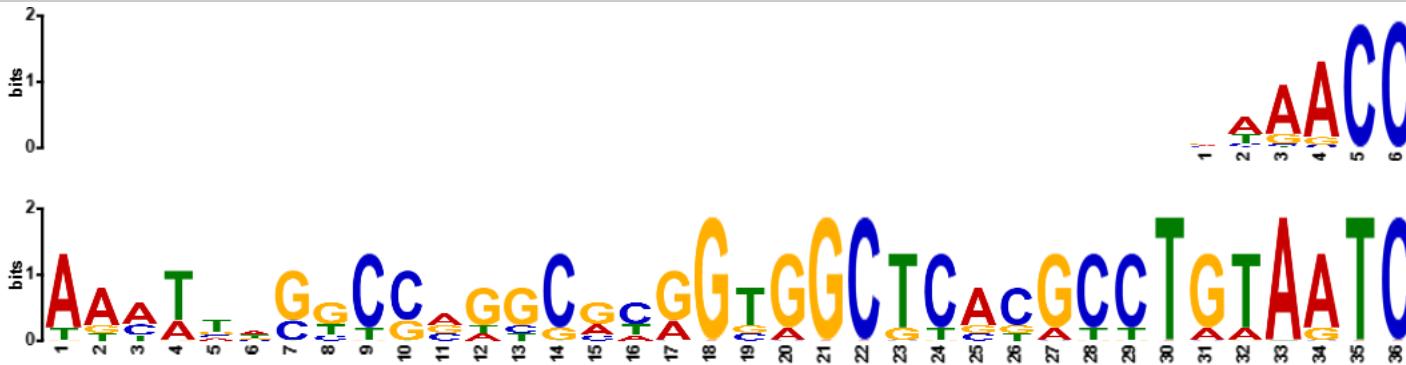
Name	<a href="#">FOSB_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.49e-02
<i>E</i> -value	5.99e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	-17
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">RUNX1_HUMAN.H11MO.0.A</a>
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	1.00e+00
Overlap	11
Offset	-30
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

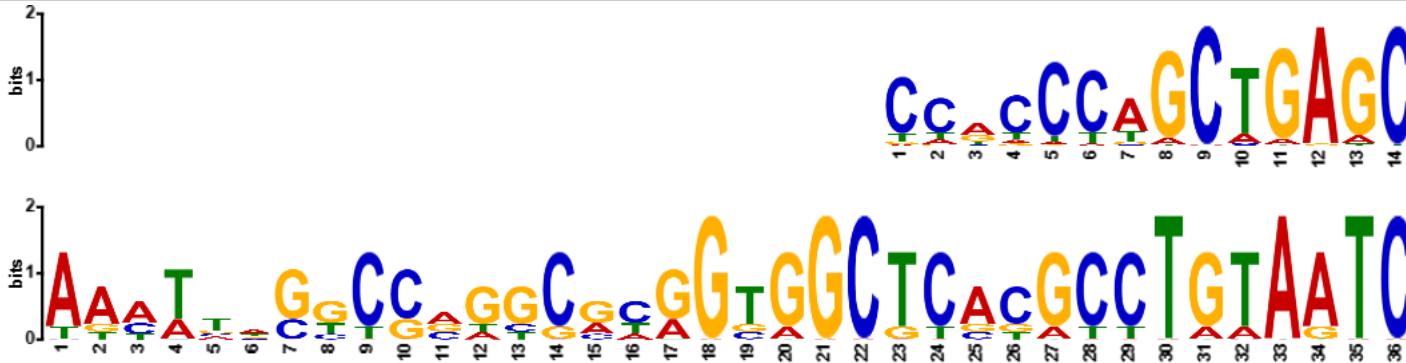
## Optimal Alignment



## Summary

Name	<a href="#">ZN331_HUMAN.H11MO.0.C</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	1.00e+00
Overlap	19
Offset	-22
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

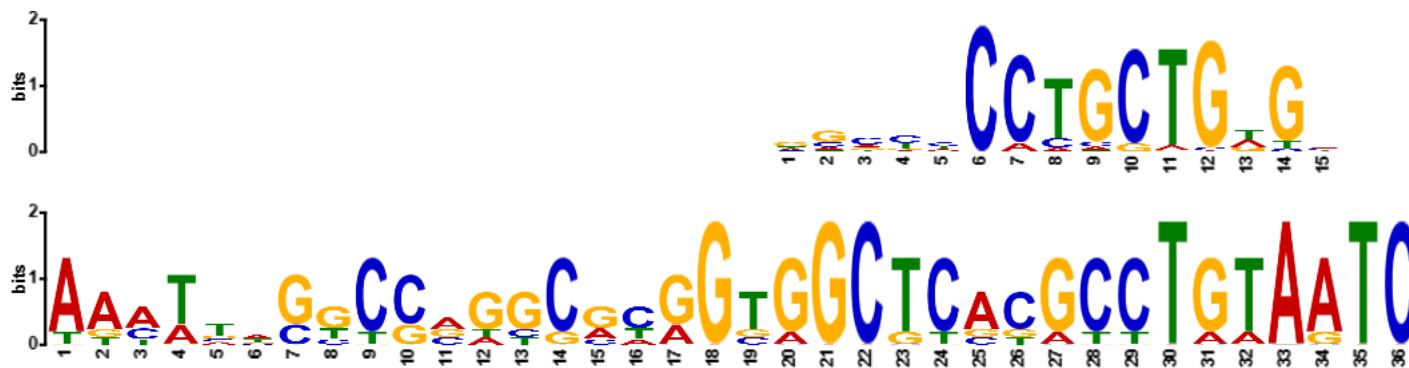
## Optimal Alignment



## Summary

## Optimal Alignment

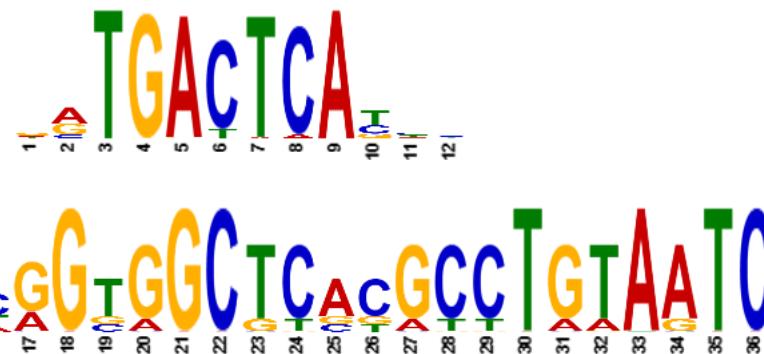
Name	<a href="#">ZIC3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.91e-02
<i>E</i> -value	7.64e+00
<i>q</i> -value	1.00e+00
Overlap	15
Offset	-19
Orientation	Normal
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## Summary

Name	<a href="#">FOSL2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.92e-02
<i>E</i> -value	7.72e+00
<i>q</i> -value	1.00e+00
Overlap	12
Offset	-16
Orientation	Reverse Complement
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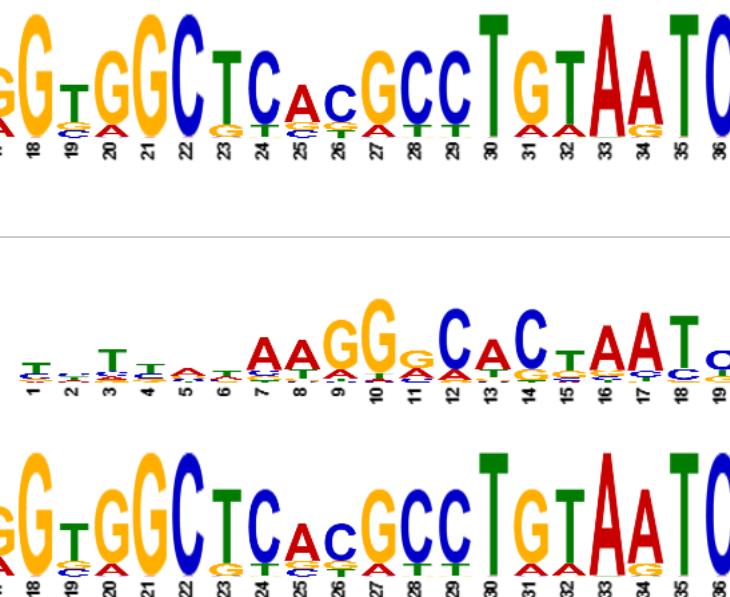
## Optimal Alignment



## Summary

Name	<a href="#">ZN264_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.06e-02
<i>E</i> -value	8.24e+00
<i>q</i> -value	1.00e+00
Overlap	24
Offset	-17
Orientation	Normal
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## Optimal Alignment



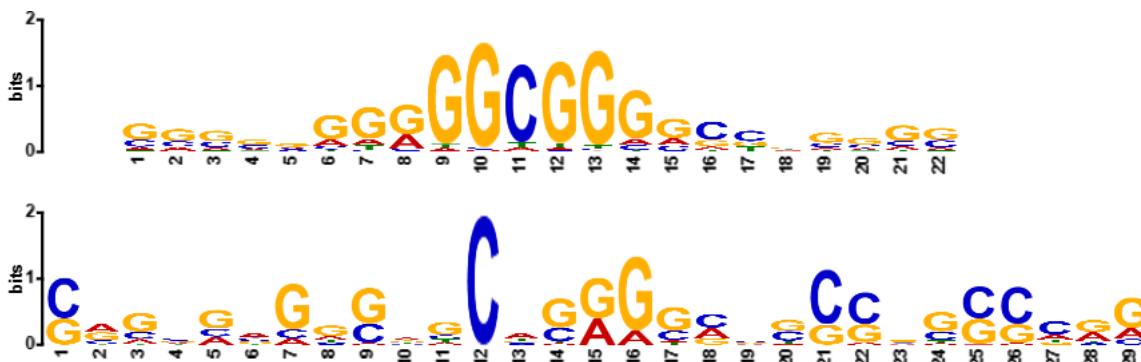
MATCHES TO SRGVGMGGSRGCA GRGGMNCS BGSSCRG (MEME-12)

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## Summary

## Optimal Alignment

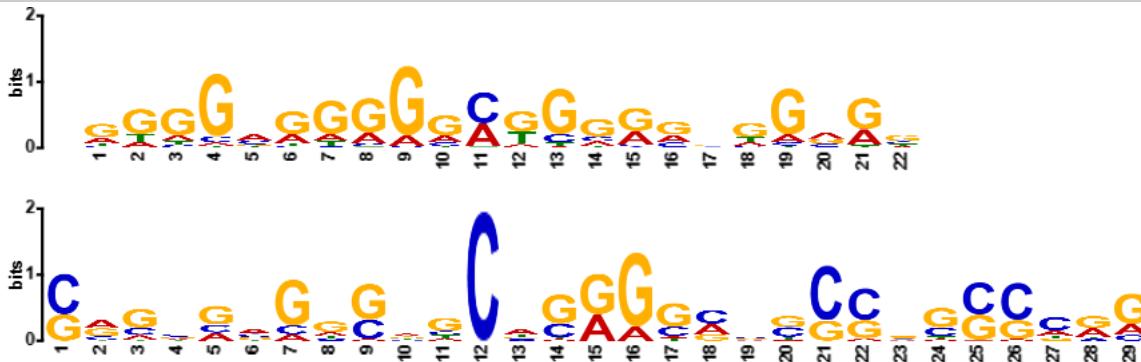
Name	<a href="#">SP2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.04e-07
<i>E</i> -value	2.42e-04
<i>q</i> -value	4.55e-04
Overlap	22
Offset	-2
Orientation	Normal
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#### Summary

Name	<a href="#">PATZ1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.02e-05
<i>E</i> -value	4.08e-03
<i>q</i> -value	3.83e-03
Overlap	22
Offset	-1
Orientation	Normal
<a href="#">Show logo download options</a>	

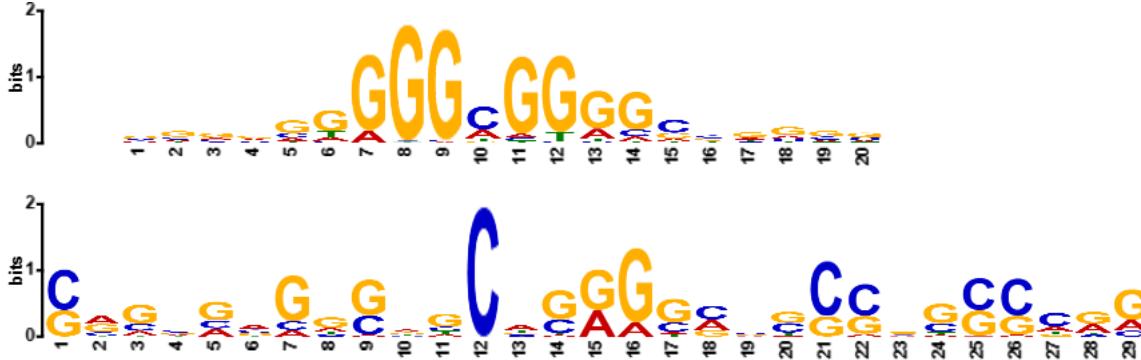
#### Optimal Alignment



#### Summary

Name	<a href="#">SP3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.65e-05
<i>E</i> -value	6.62e-03
<i>q</i> -value	4.15e-03
Overlap	20
Offset	-2
Orientation	Normal
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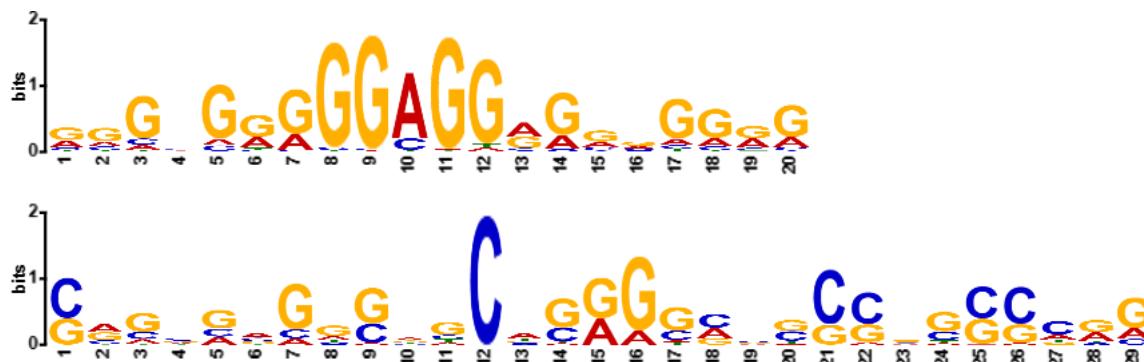
#### Optimal Alignment



#### Summary

#### Optimal Alignment

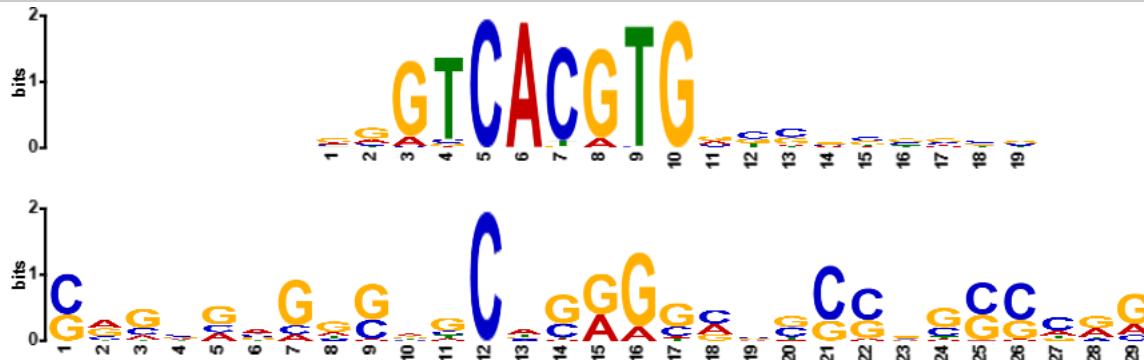
Name	<a href="#">WT1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.38e-05
<i>E</i> -value	1.35e-02
<i>q</i> -value	6.36e-03
Overlap	20
Offset	0
Orientation	Normal
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#### Summary

Name	<a href="#">USF2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.81e-05
<i>E</i> -value	1.93e-02
<i>q</i> -value	7.25e-03
Overlap	19
Offset	-7
Orientation	Normal
<a href="#">Show logo download options</a>	

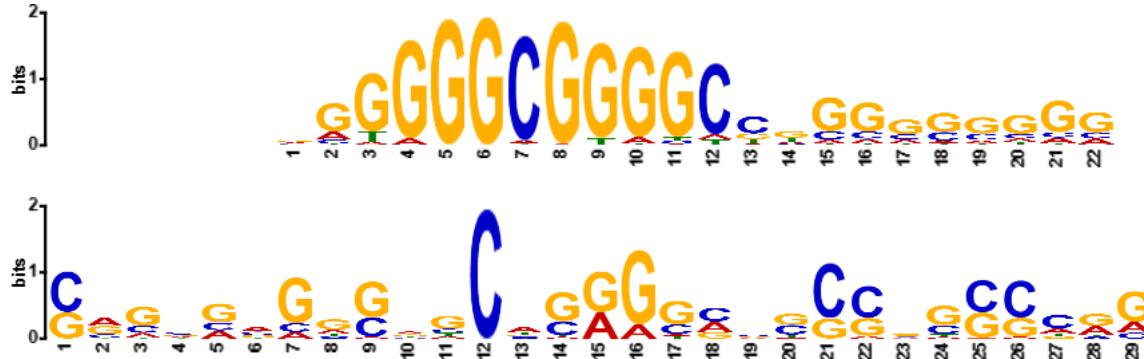
#### Optimal Alignment



#### Summary

Name	<a href="#">SP1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.00e-04
<i>E</i> -value	4.01e-02
<i>q</i> -value	1.26e-02
Overlap	22
Offset	-6
Orientation	Normal
<a href="#">Show logo download options</a>	

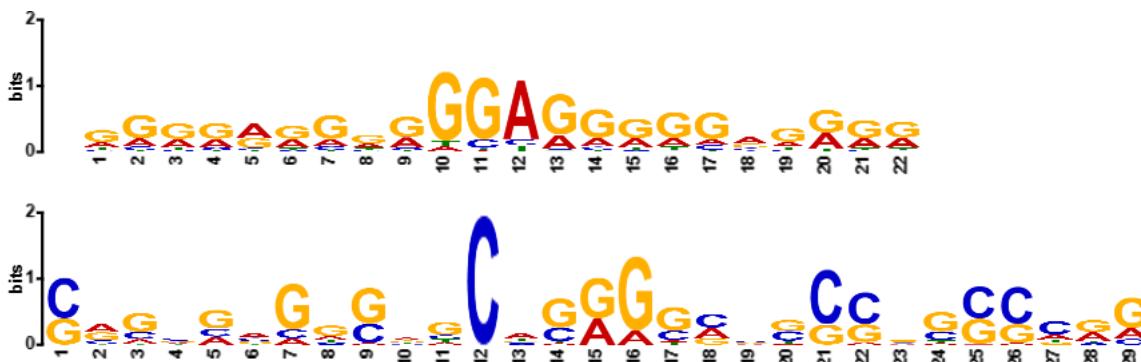
#### Optimal Alignment



#### Summary

#### Optimal Alignment

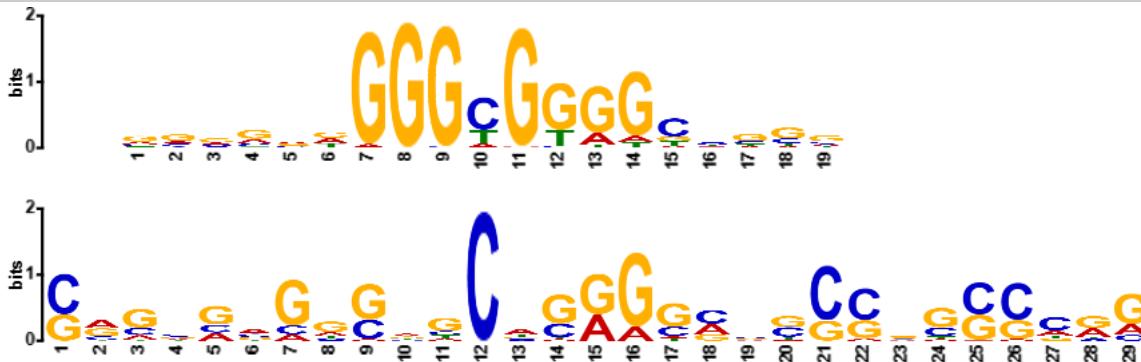
Name	<a href="#">VEZF1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.20e-04
<i>E</i> -value	4.82e-02
<i>q</i> -value	1.29e-02
Overlap	22
Offset	-1
Orientation	Normal
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## Summary

Name	<a href="#">KLF3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.45e-04
<i>E</i> -value	5.80e-02
<i>q</i> -value	1.36e-02
Overlap	19
Offset	-2
Orientation	Normal
<a href="#">Show logo download options</a>	

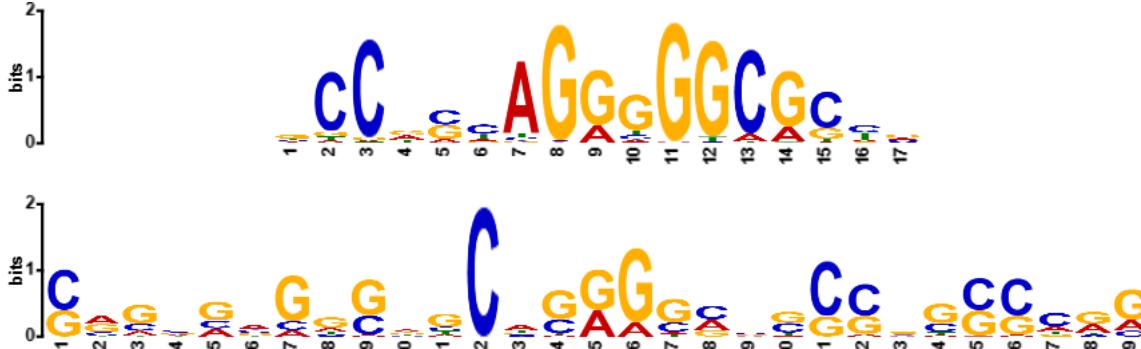
## Optimal Alignment



## Summary

Name	<a href="#">CTCF_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.87e-04
<i>E</i> -value	7.51e-02
<i>q</i> -value	1.57e-02
Overlap	17
Offset	-6
Orientation	Normal
<a href="#">Show logo download options</a>	

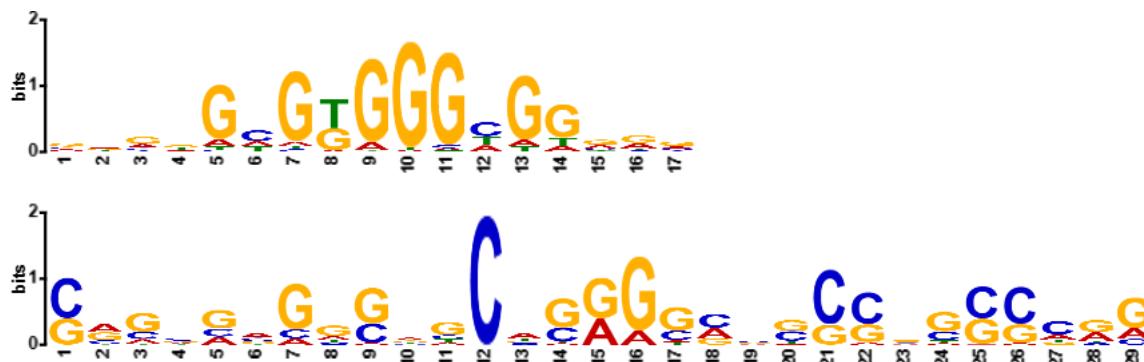
## Optimal Alignment



## Summary

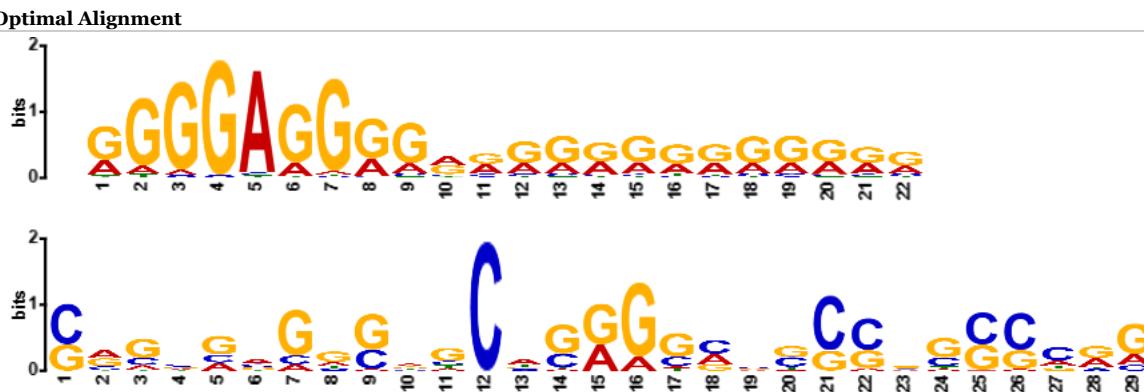
## Optimal Alignment

Name	<a href="#">EGR1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.15e-04
<i>E</i> -value	8.63e-02
<i>q</i> -value	1.62e-02
Overlap	17
Offset	0
Orientation	Normal
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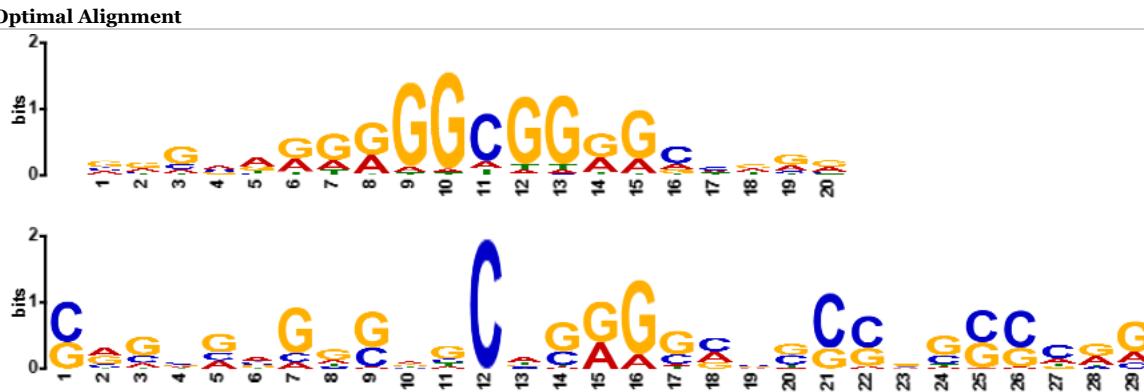
## Summary

Name	<a href="#">ZN467_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.46e-04
<i>E</i> -value	9.88e-02
<i>q</i> -value	1.69e-02
Overlap	22
Offset	-1
Orientation	Normal
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## Summary

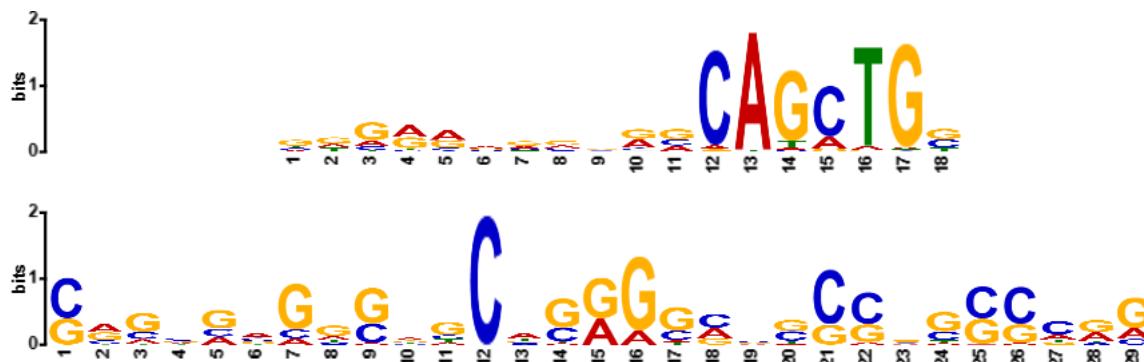
Name	<a href="#">SP4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.28e-04
<i>E</i> -value	1.72e-01
<i>q</i> -value	2.69e-02
Overlap	20
Offset	-1
Orientation	Normal
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## Summary

## Optimal Alignment

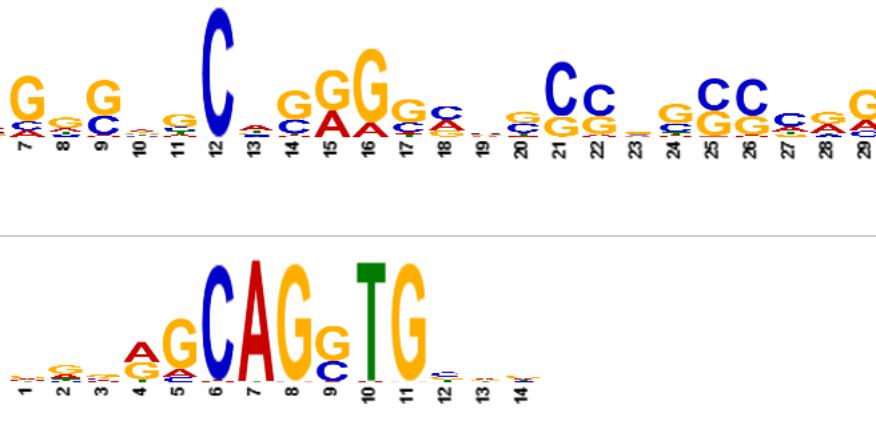
Name	<a href="#">PTF1A_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.31e-04
<i>E</i> -value	2.53e-01
<i>q</i> -value	3.59e-02
Overlap	18
Offset	-6
Orientation	Reverse Complement
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### Summary

Name	<a href="#">ASCL1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.75e-04
<i>E</i> -value	3.11e-01
<i>q</i> -value	3.59e-02
Overlap	14
Offset	-6
Orientation	Reverse Complement
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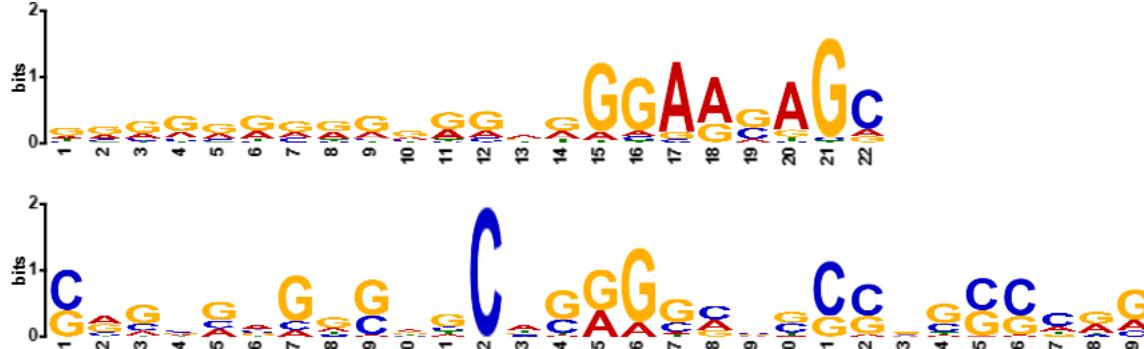
### Optimal Alignment



### Summary

Name	<a href="#">ZN341_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.09e-04
<i>E</i> -value	3.24e-01
<i>q</i> -value	3.59e-02
Overlap	22
Offset	0
Orientation	Normal
	<a href="#">Show logo download options</a>

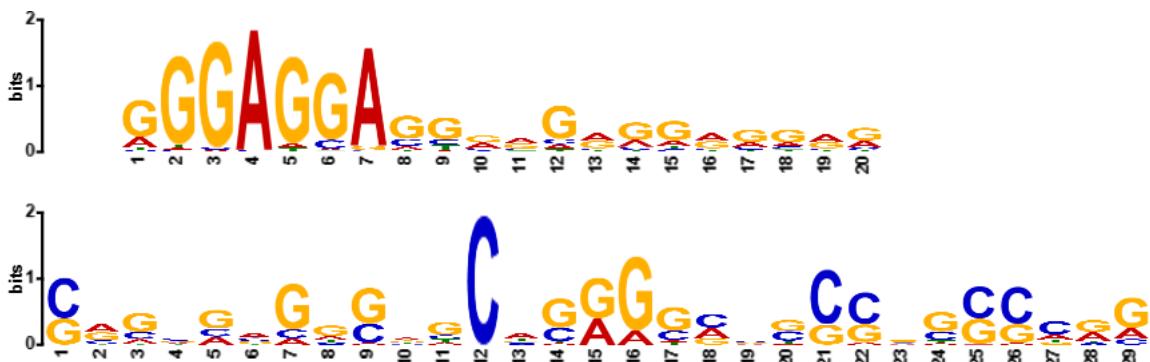
### Optimal Alignment



### Summary

### Optimal Alignment

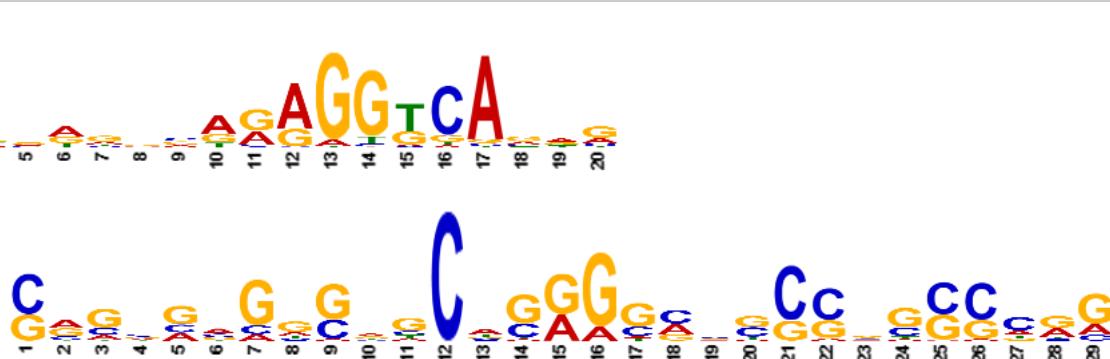
Name	<a href="#">ZN263_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.70e-04
<i>E</i> -value	3.49e-01
<i>q</i> -value	3.59e-02
Overlap	20
Offset	-2
Orientation	Normal
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#### Summary

Name	<a href="#">RXRA_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.70e-04
<i>E</i> -value	3.49e-01
<i>q</i> -value	3.59e-02
Overlap	16
Offset	4
Orientation	Normal
<a href="#">Show logo download options</a>	

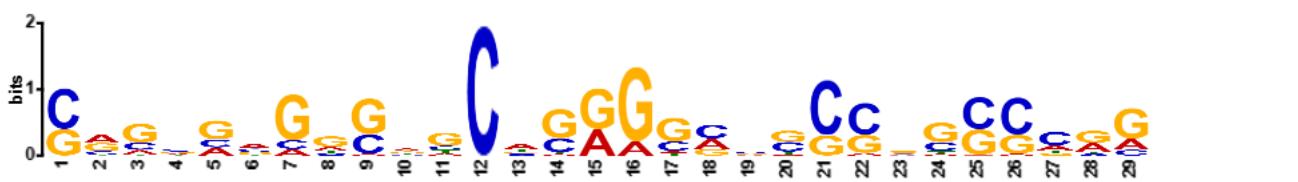
#### Optimal Alignment



#### Summary

Name	<a href="#">NR1H4_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.98e-04
<i>E</i> -value	3.60e-01
<i>q</i> -value	3.59e-02
Overlap	19
Offset	-6
Orientation	Normal
<a href="#">Show logo download options</a>	

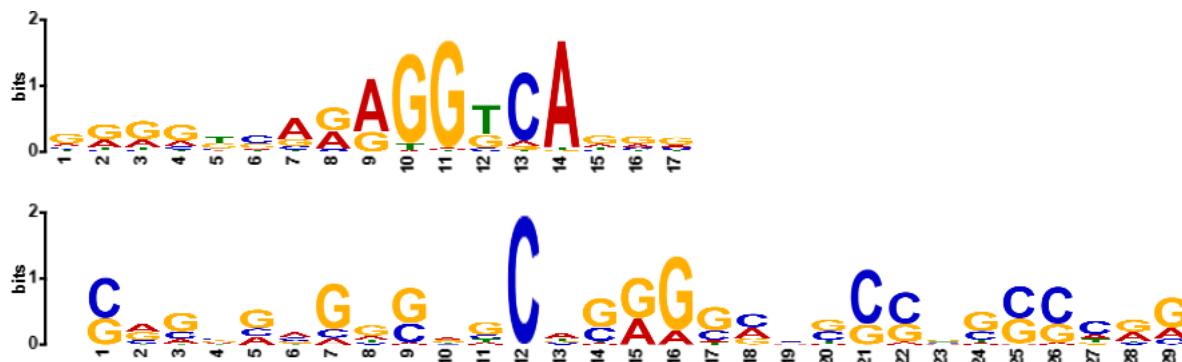
#### Optimal Alignment



#### Summary

#### Optimal Alignment

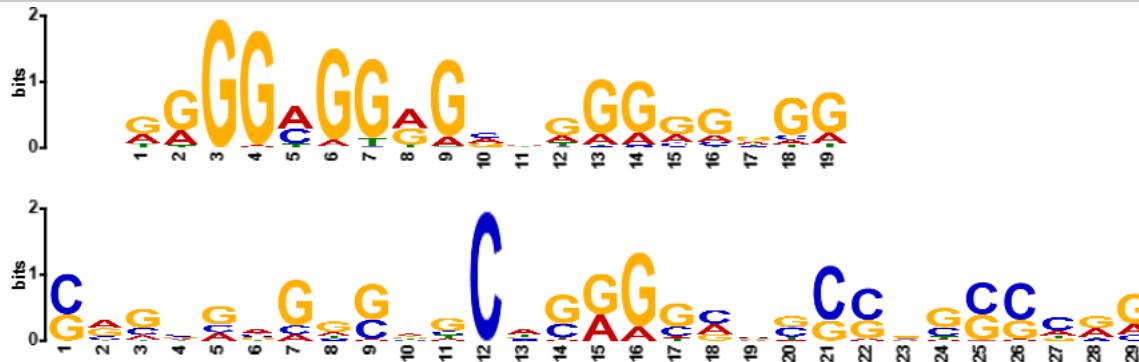
Name	<a href="#">COT1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.16e-04
<i>E</i> -value	3.67e-01
<i>q</i> -value	3.59e-02
Overlap	16
Offset	1
Orientation	Normal
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## Summary

Name	<a href="#">KLF15_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.53e-04
<i>E</i> -value	3.82e-01
<i>q</i> -value	3.59e-02
Overlap	19
Offset	-2
Orientation	Normal
<a href="#">Show logo download options</a>	

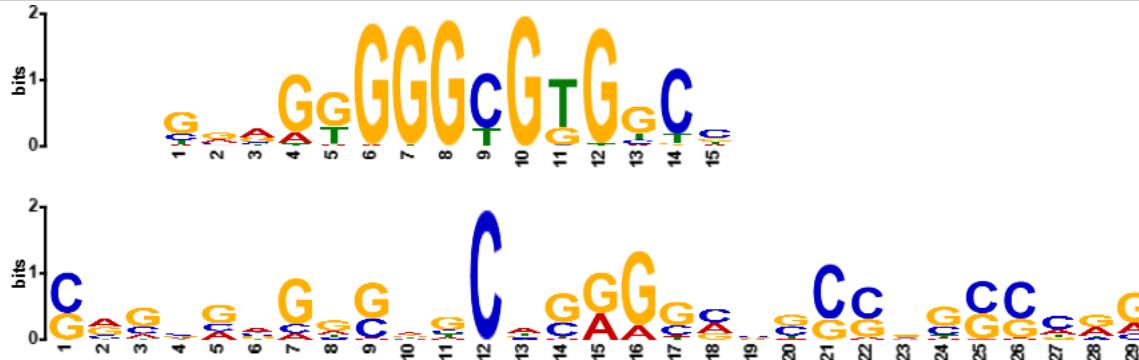
## Optimal Alignment



## Summary

Name	<a href="#">KLF9_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.04e-03
<i>E</i> -value	4.16e-01
<i>q</i> -value	3.72e-02
Overlap	15
Offset	-3
Orientation	Normal
<a href="#">Show logo download options</a>	

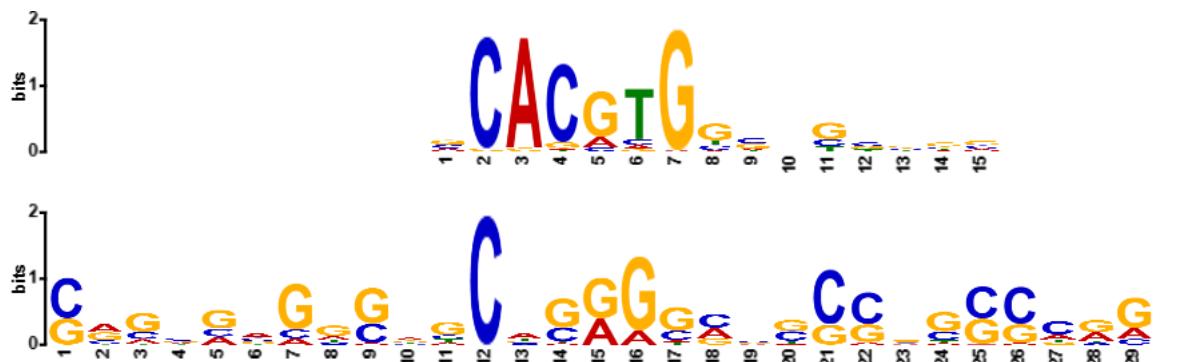
## Optimal Alignment



## Summary

## Optimal Alignment

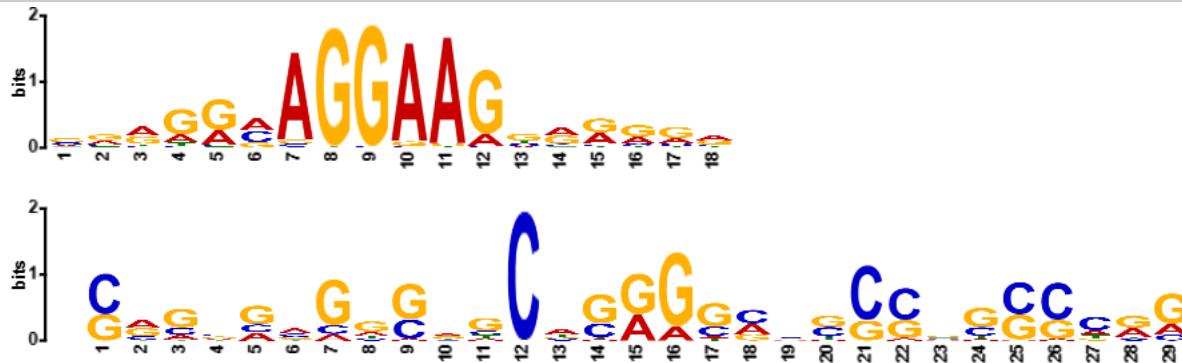
Name	<a href="#">MX1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.18e-03
<i>E</i> -value	4.74e-01
<i>q</i> -value	4.05e-02
Overlap	15
Offset	-10
Orientation	Normal
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### Summary

Name	<a href="#">FLI1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.39e-03
<i>E</i> -value	5.59e-01
<i>q</i> -value	4.56e-02
Overlap	17
Offset	1
Orientation	Normal
<a href="#">Show logo download options</a>	

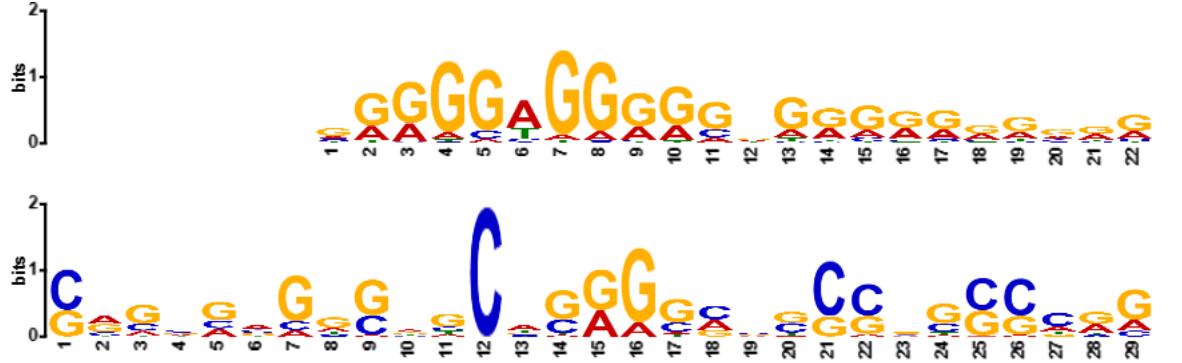
### Optimal Alignment



### Summary

Name	<a href="#">MAZ_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.46e-03
<i>E</i> -value	5.86e-01
<i>q</i> -value	4.58e-02
Overlap	22
Offset	-7
Orientation	Normal
<a href="#">Show logo download options</a>	

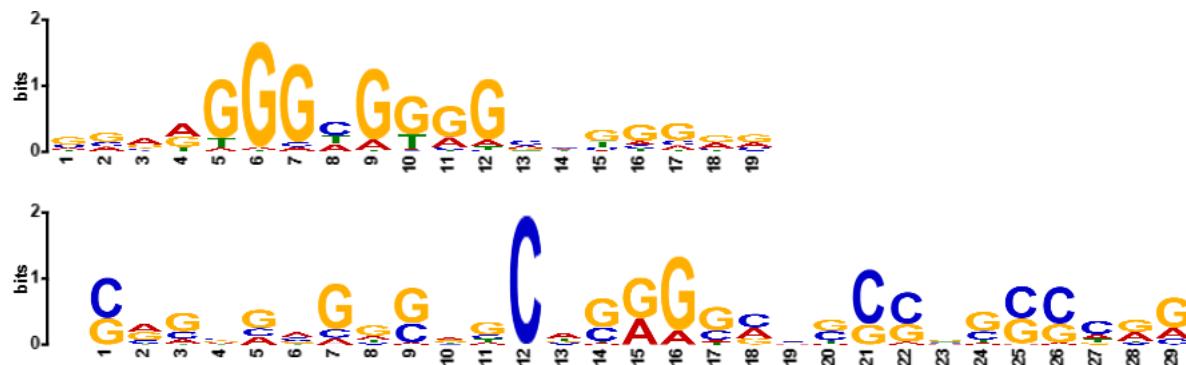
### Optimal Alignment



### Summary

### Optimal Alignment

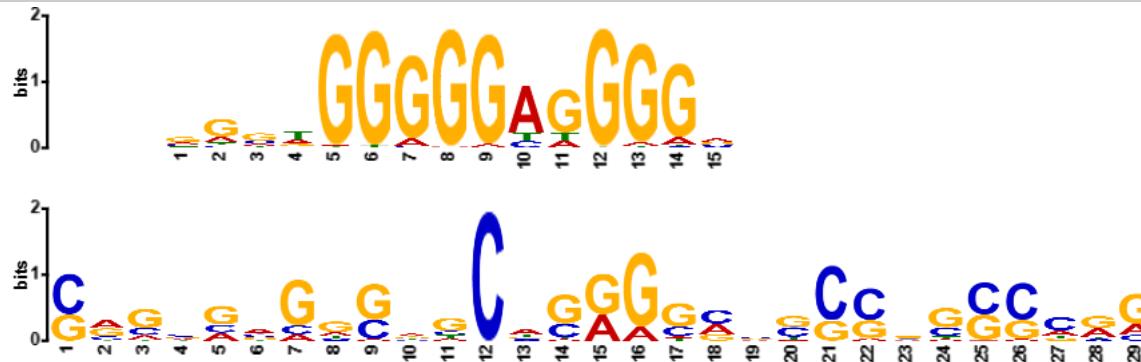
Name	<a href="#">KLF6_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.52e-03
<i>E</i> -value	6.09e-01
<i>q</i> -value	4.58e-02
Overlap	18
Offset	1
Orientation	Normal
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### Summary

Name	<a href="#">ZN281_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.86e-03
<i>E</i> -value	7.45e-01
<i>q</i> -value	5.38e-02
Overlap	15
Offset	-3
Orientation	Normal
<a href="#">Show logo download options</a>	

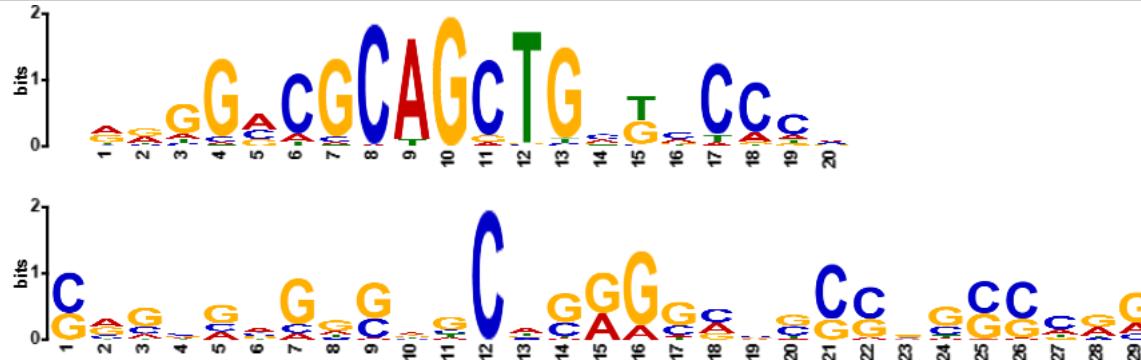
### Optimal Alignment



### Summary

Name	<a href="#">HEN1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.65e-03
<i>E</i> -value	1.06e+00
<i>q</i> -value	7.40e-02
Overlap	20
Offset	-1
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

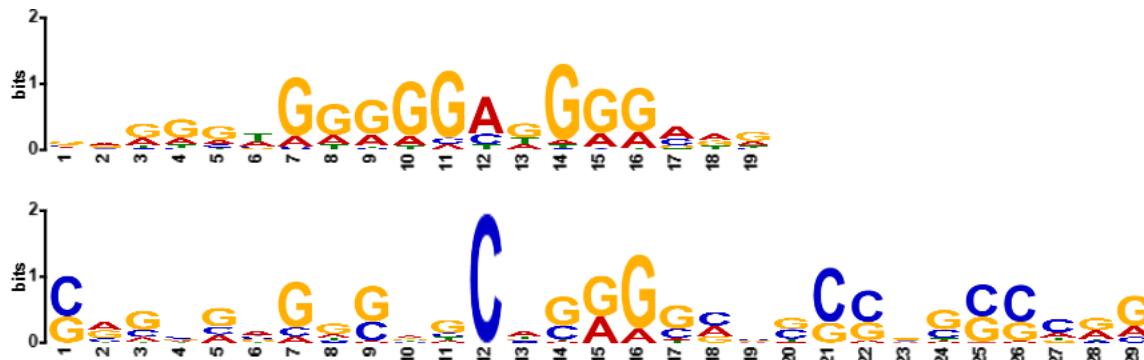
### Optimal Alignment



### Summary

### Optimal Alignment

Name	<a href="#">ZBT17_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.97e-03
<i>E</i> -value	1.19e+00
<i>q</i> -value	7.73e-02
Overlap	19
Offset	0
Orientation	Normal
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### Summary

Name	<a href="#">ITF2_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.03e-03
<i>E</i> -value	1.62e+00
<i>q</i> -value	9.74e-02
Overlap	10
Offset	-6
Orientation	Normal
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### Optimal Alignment



### Summary

Name	<a href="#">E2F6_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.09e-03
<i>E</i> -value	1.64e+00
<i>q</i> -value	9.74e-02
Overlap	13
Offset	-1
Orientation	Normal
<a href="#">Show logo download options</a>	

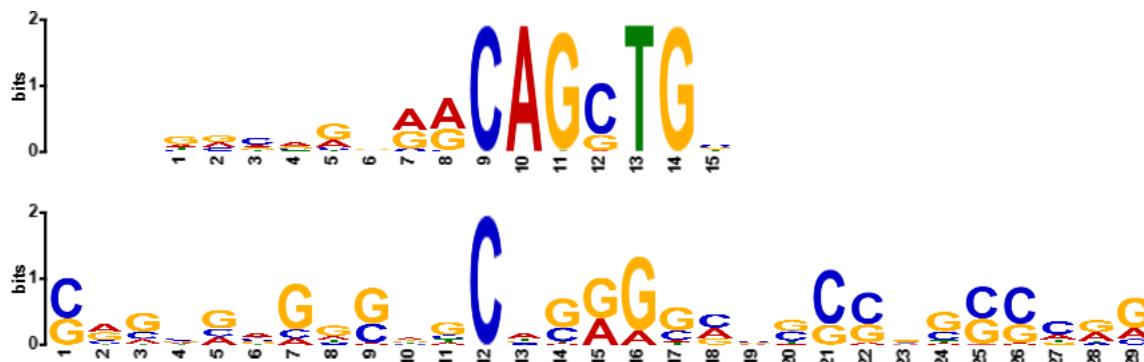
### Optimal Alignment



### Summary

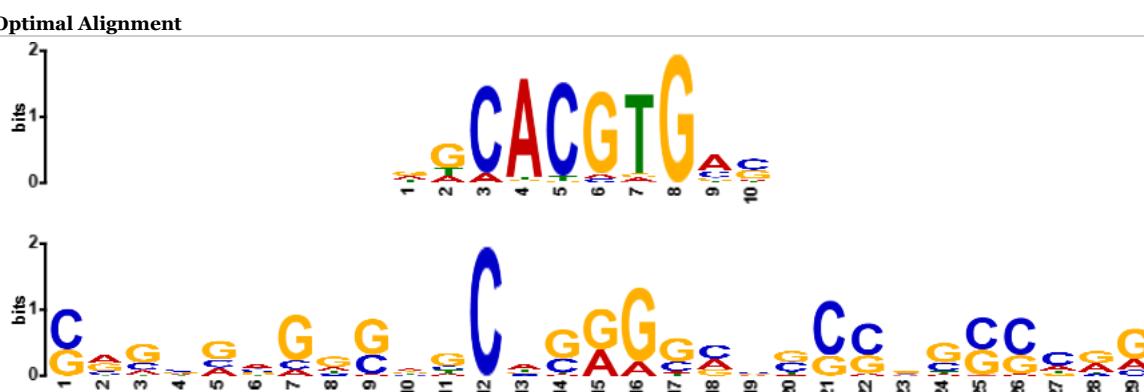
### Optimal Alignment

<b>Name</b>	<a href="#">MYOD1_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	4.14e-03
<b>E-value</b>	1.66e+00
<b>q-value</b>	9.74e-02
<b>Overlap</b>	15
<b>Offset</b>	-3
<b>Orientation</b>	Reverse Complement
	<a href="#">Show logo</a> <a href="#">download options</a>



## Summary

<b>Name</b>	<a href="#">BHE40_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	5.40e-03
<b>E-value</b>	2.17e+00
<b>q-value</b>	1.23e-01
<b>Overlap</b>	10
<b>Offset</b>	-9
<b>Orientation</b>	Normal
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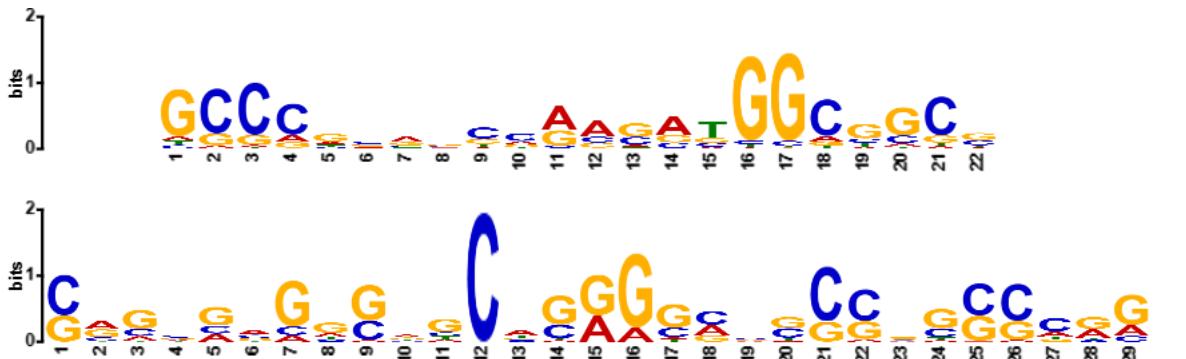
## Summary

<b>Name</b>	<a href="#">TAF1_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	6.15e-03
<b>E-value</b>	2.47e+00
<b>q-value</b>	1.36e-01
<b>Overlap</b>	16
<b>Offset</b>	-1
<b>Orientation</b>	Normal
<a href="#">Show logo</a>	<a href="#">download</a>
<a href="#">options</a>	



## Summary

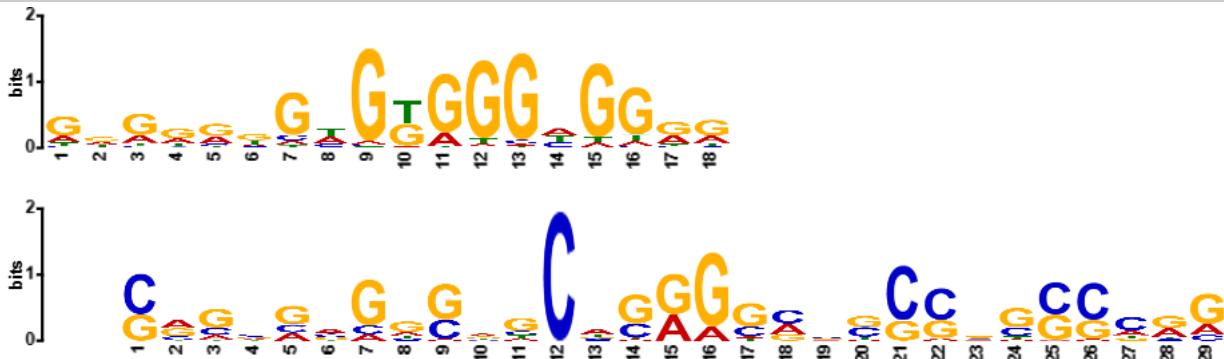
Name	<a href="#">THAP1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.23e-03
<i>E</i> -value	2.90e+00
<i>q</i> -value	1.56e-01
Overlap	22
Offset	-3
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	



## Summary

Name	<a href="#">EGR2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.44e-03
<i>E</i> -value	2.98e+00
<i>q</i> -value	1.56e-01
Overlap	16
Offset	2
Orientation	Normal
<a href="#">Show logo download options</a>	

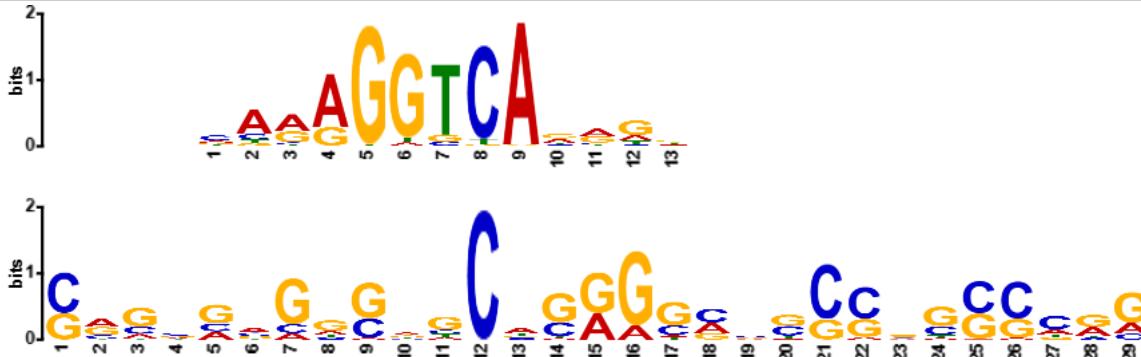
## Optimal Alignment



## Summary

Name	<a href="#">COT2_HUMAN.H11MO.0.A</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	1.56e-01
Overlap	13
Offset	-4
Orientation	Normal
<a href="#">Show logo download options</a>	

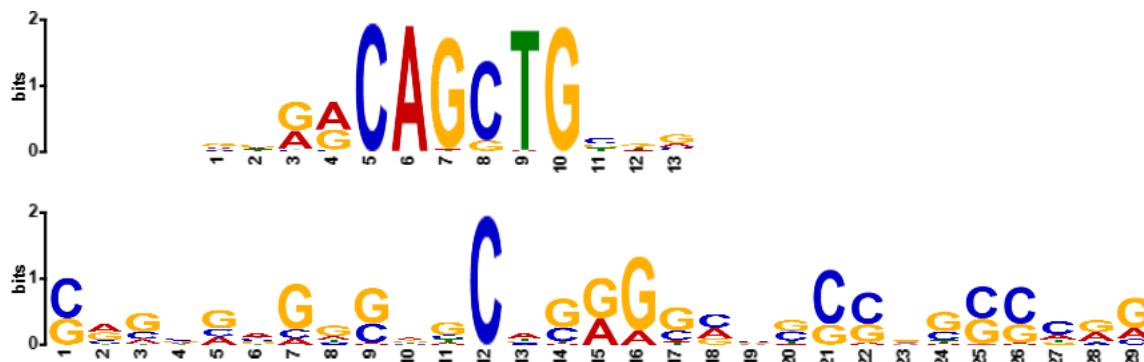
## Optimal Alignment



## Summary

## Optimal Alignment

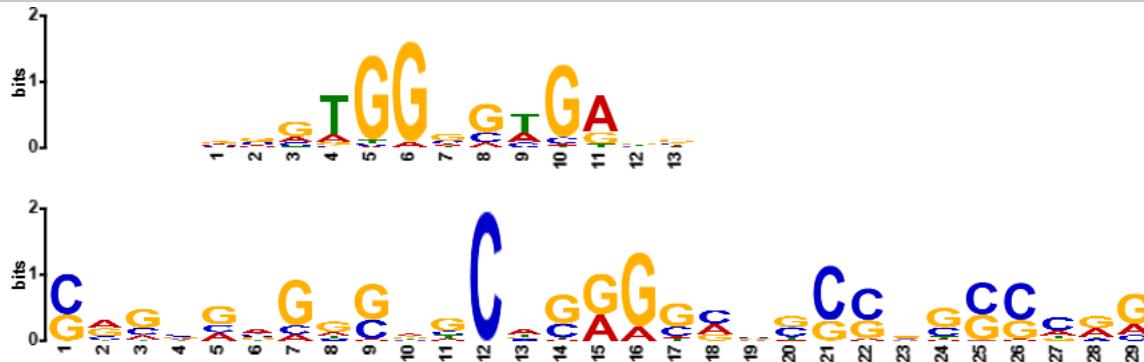
Name	<a href="#">MYOG_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.12e-03
<i>E</i> -value	3.25e+00
<i>q</i> -value	1.61e-01
Overlap	13
Offset	-4
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



### Summary

Name	<a href="#">SRBP2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.62e-03
<i>E</i> -value	3.46e+00
<i>q</i> -value	1.67e-01
Overlap	13
Offset	-4
Orientation	Normal
	<a href="#">Show logo download options</a>

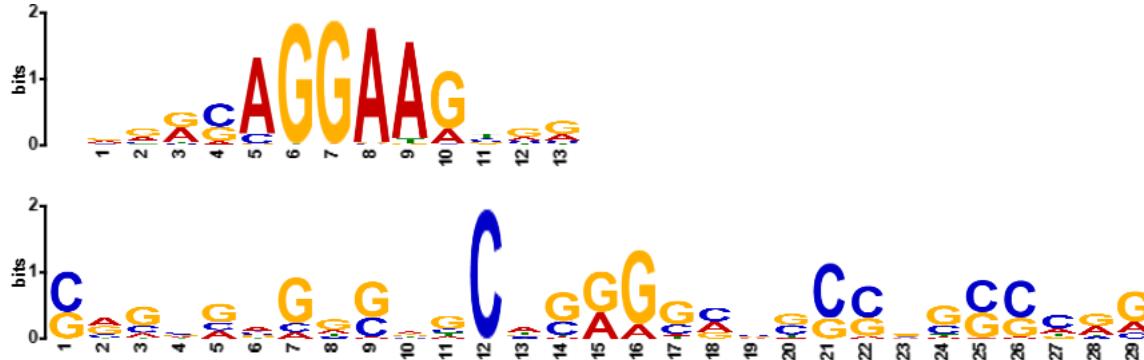
### Optimal Alignment



### Summary

Name	<a href="#">ERG_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.15e-03
<i>E</i> -value	3.67e+00
<i>q</i> -value	1.71e-01
Overlap	13
Offset	-1
Orientation	Normal
	<a href="#">Show logo download options</a>

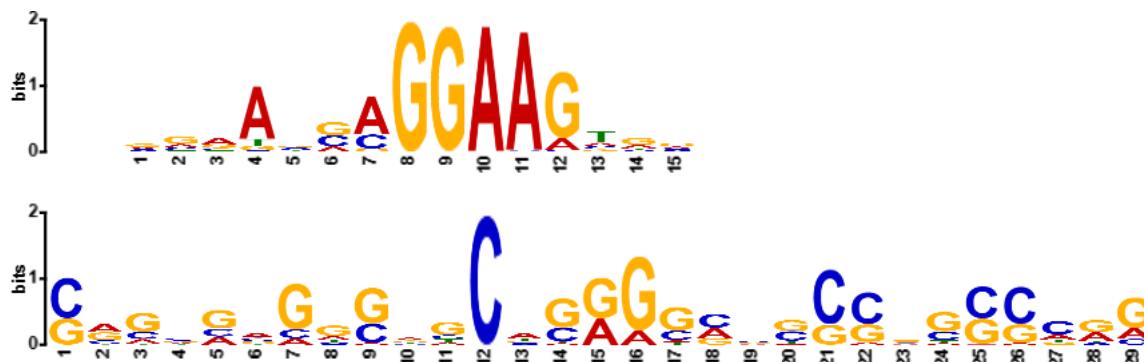
### Optimal Alignment



### Summary

### Optimal Alignment

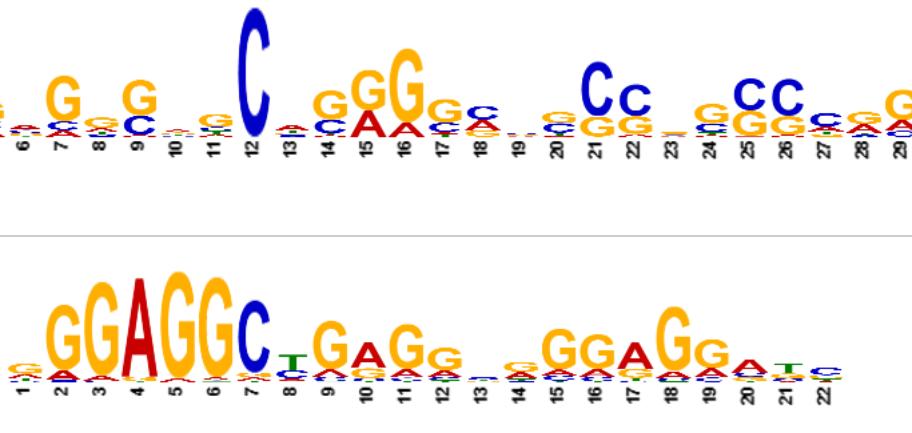
Name	<a href="#">ELF5_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.31e-03
<i>E</i> -value	3.73e+00
<i>q</i> -value	1.71e-01
Overlap	15
Offset	-2
Orientation	Normal
<a href="#">Show logo download options</a>	



#### Summary

Name	<a href="#">ZN770_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.00e-02
<i>E</i> -value	4.02e+00
<i>q</i> -value	1.78e-01
Overlap	22
Offset	-5
Orientation	Normal
<a href="#">Show logo download options</a>	

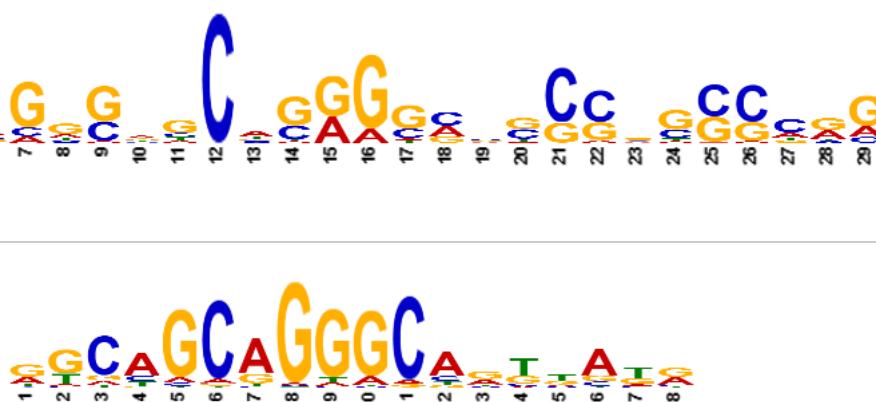
#### Optimal Alignment



#### Summary

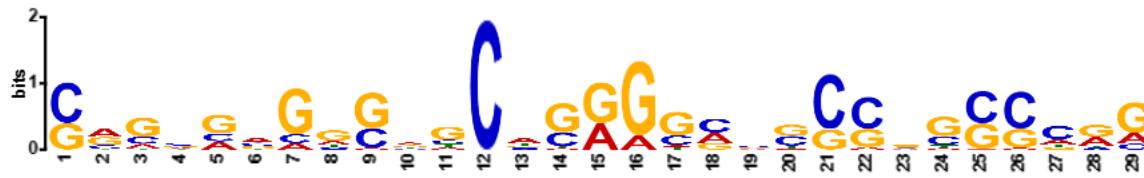
Name	<a href="#">ZSC31_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.01e-02
<i>E</i> -value	4.07e+00
<i>q</i> -value	1.78e-01
Overlap	18
Offset	-6
Orientation	Normal
<a href="#">Show logo download options</a>	

#### Optimal Alignment

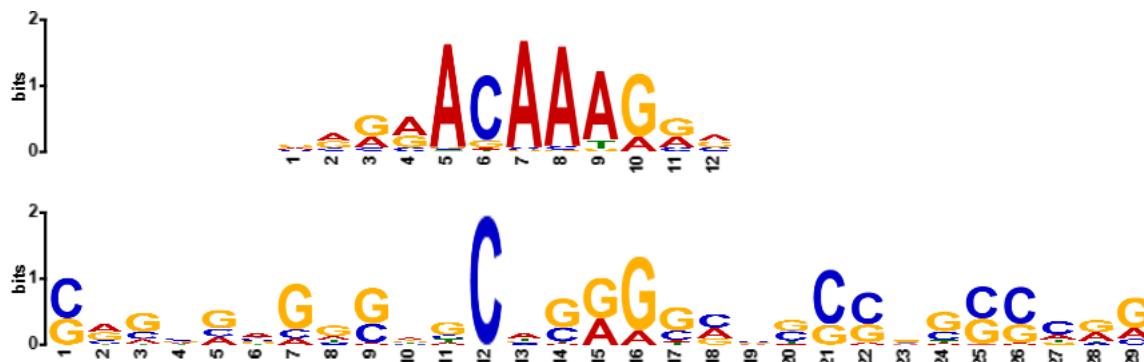


#### Summary

#### Optimal Alignment



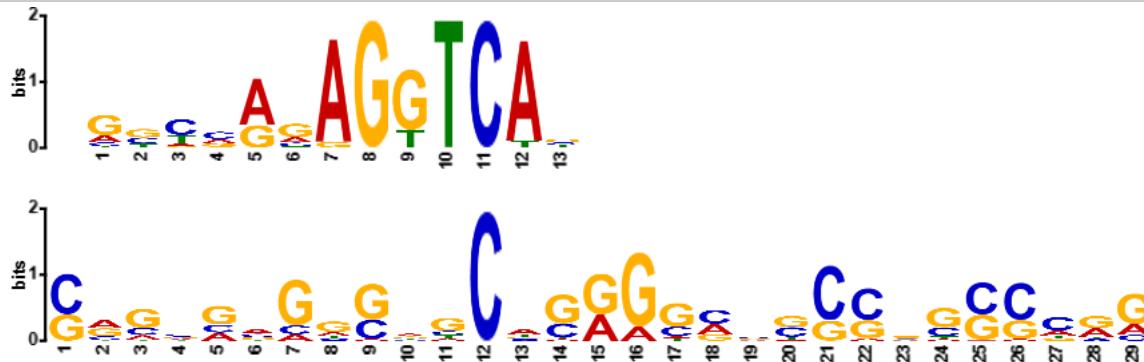
Name	<a href="#">SOX4_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.04e-02
<i>E</i> -value	4.17e+00
<i>q</i> -value	1.78e-01
Overlap	12
Offset	-6
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">NR2C1_HUMAN.H11MO.0.C</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	1.78e-01
Overlap	13
Offset	-1
Orientation	Normal
	<a href="#">Show logo download options</a>

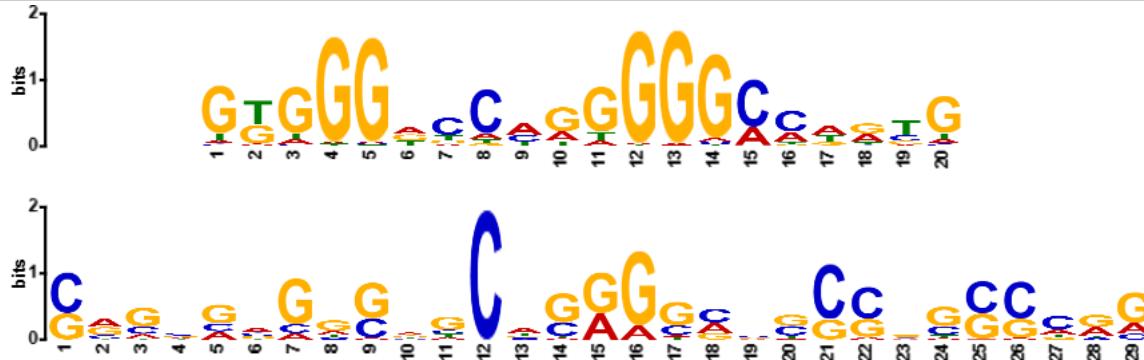
#### Optimal Alignment



#### Summary

Name	<a href="#">ZN320_HUMAN.H11MO.0.C</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	1.78e-01
Overlap	20
Offset	-4
Orientation	Normal
	<a href="#">Show logo download options</a>

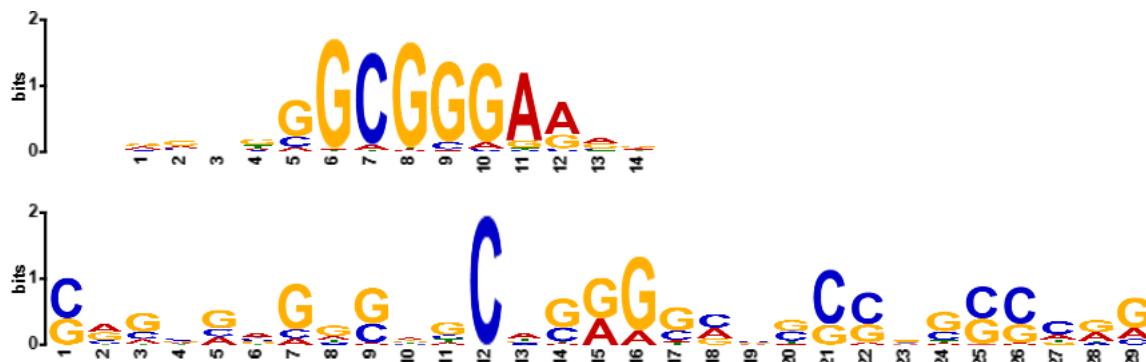
#### Optimal Alignment



#### Summary

#### Optimal Alignment

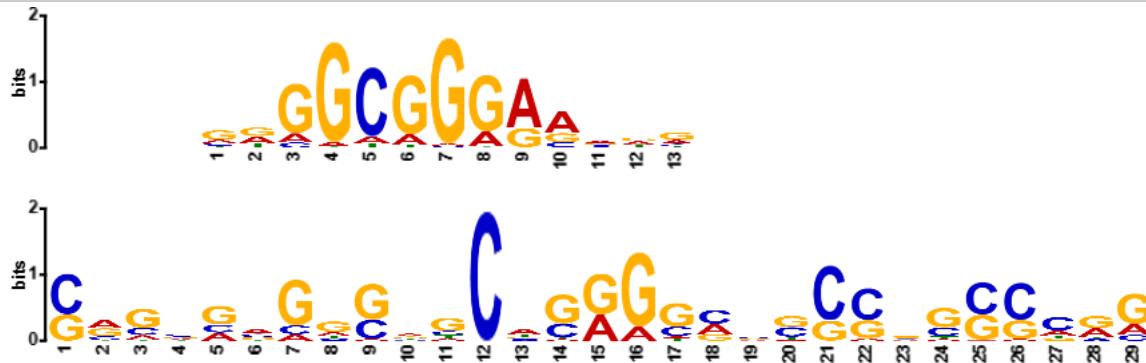
Name	<a href="#">E2F1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.11e-02
<i>E</i> -value	4.44e+00
<i>q</i> -value	1.78e-01
Overlap	14
Offset	-2
Orientation	Normal
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### Summary

Name	<a href="#">E2F7_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.30e-02
<i>E</i> -value	5.23e+00
<i>q</i> -value	2.05e-01
Overlap	13
Offset	-4
Orientation	Normal
<a href="#">Show logo download options</a>	

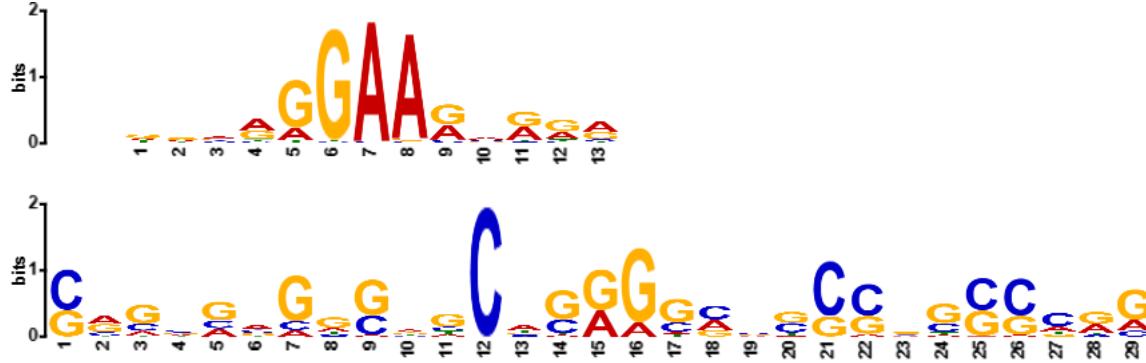
### Optimal Alignment



### Summary

Name	<a href="#">ETS2_HUMAN.H11MO.0.B</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	2.12e-01
Overlap	13
Offset	-2
Orientation	Normal
<a href="#">Show logo download options</a>	

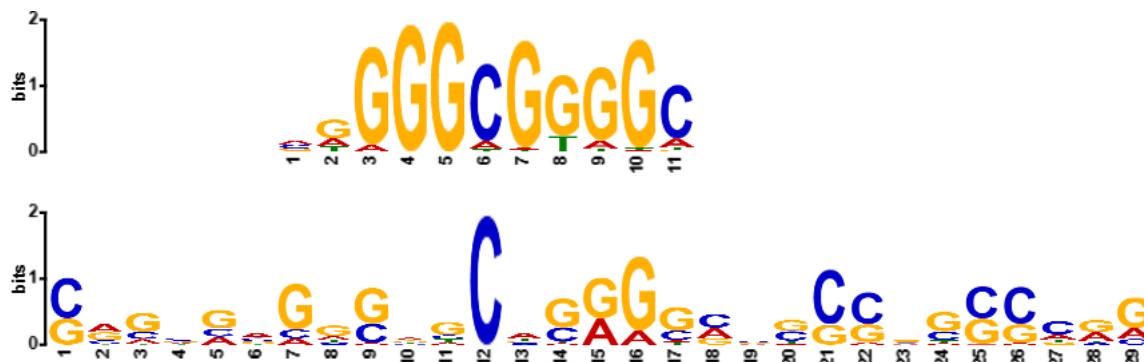
### Optimal Alignment



### Summary

### Optimal Alignment

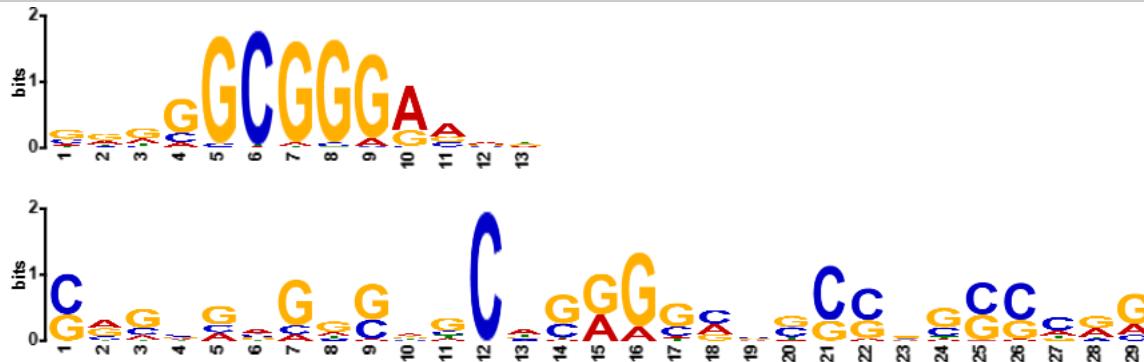
Name	<a href="#">KLF12_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.55e-02
<i>E</i> -value	6.21e+00
<i>q</i> -value	2.29e-01
Overlap	11
Offset	-6
Orientation	Normal
<a href="#">Show logo download options</a>	



### Summary

Name	<a href="#">E2F4_HUMAN.H11MO.0.A</a>
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	2.29e-01
Overlap	13
Offset	0
Orientation	Normal
<a href="#">Show logo download options</a>	

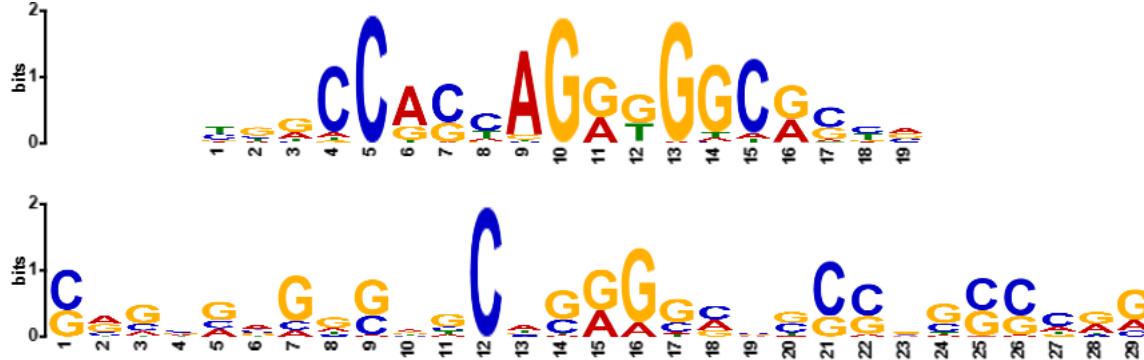
### Optimal Alignment



### Summary

Name	<a href="#">CTCF_HUMAN.H11MO.0.A</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	2.29e-01
Overlap	19
Offset	-4
Orientation	Normal
<a href="#">Show logo download options</a>	

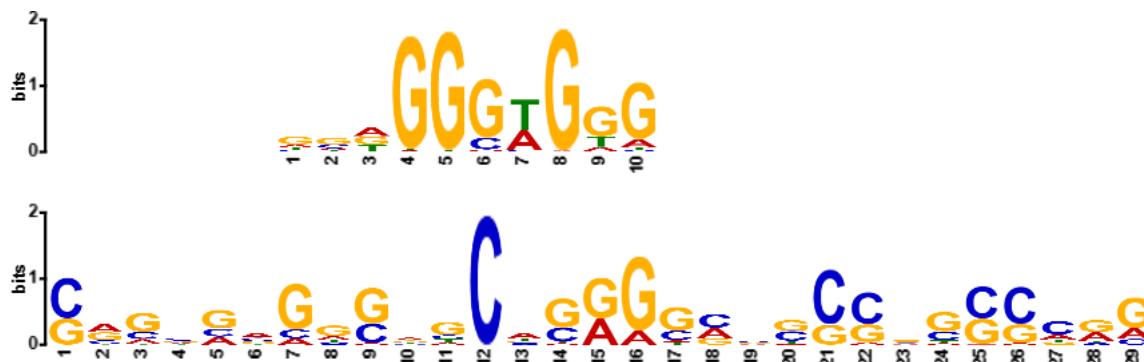
### Optimal Alignment



### Summary

### Optimal Alignment

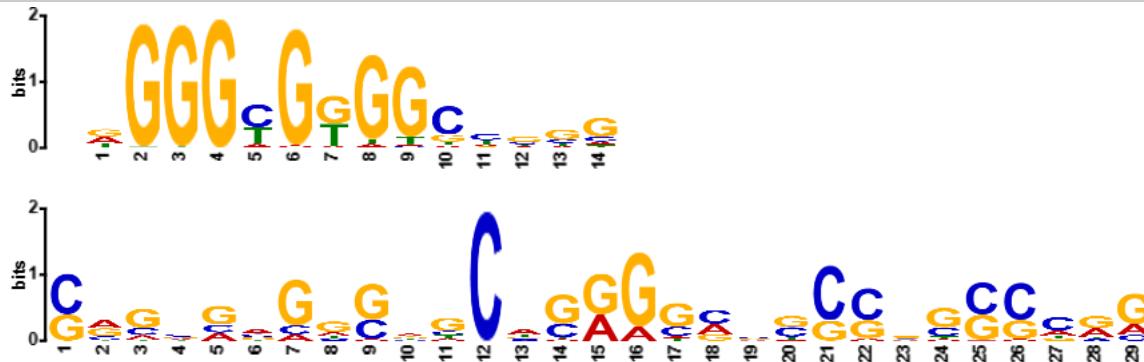
Name	<a href="#">SALL4_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.62e-02
<i>E</i> -value	6.49e+00
<i>q</i> -value	2.29e-01
Overlap	10
Offset	-6
Orientation	Normal
<a href="#">Show logo download options</a>	



### Summary

Name	<a href="#">KLF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.64e-02
<i>E</i> -value	6.57e+00
<i>q</i> -value	2.29e-01
Overlap	14
Offset	-1
Orientation	Normal
<a href="#">Show logo download options</a>	

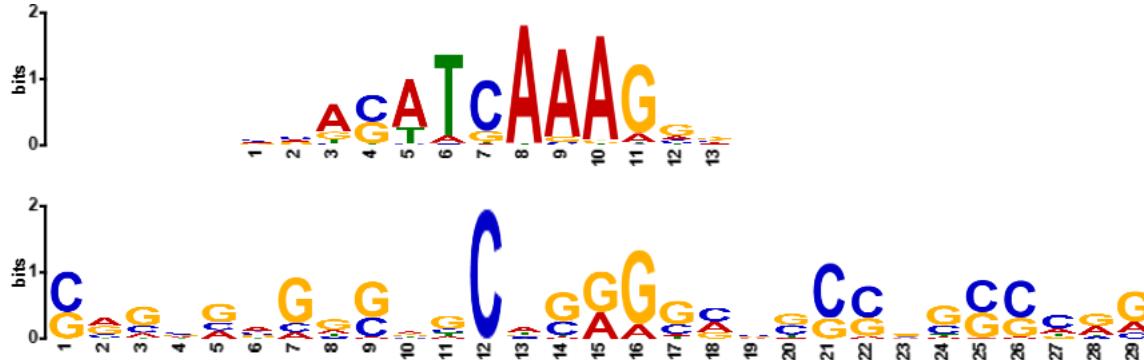
### Optimal Alignment



### Summary

Name	<a href="#">TFZL2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.74e-02
<i>E</i> -value	6.96e+00
<i>q</i> -value	2.38e-01
Overlap	13
Offset	-5
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

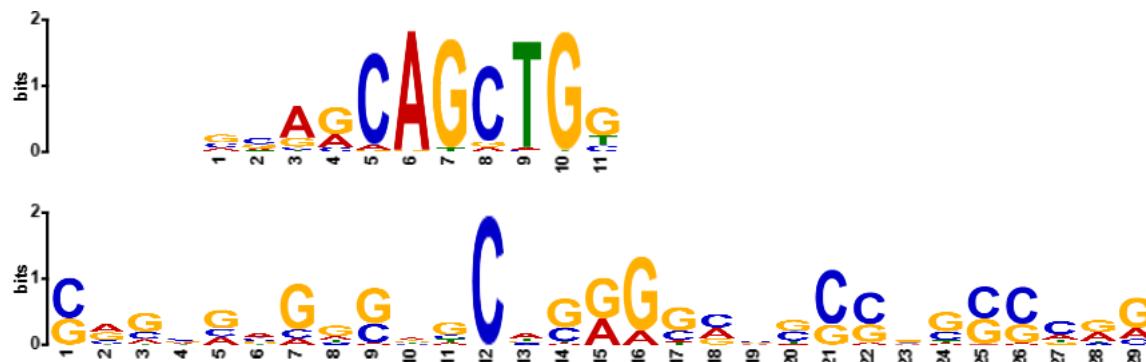
### Optimal Alignment



### Summary

### Optimal Alignment

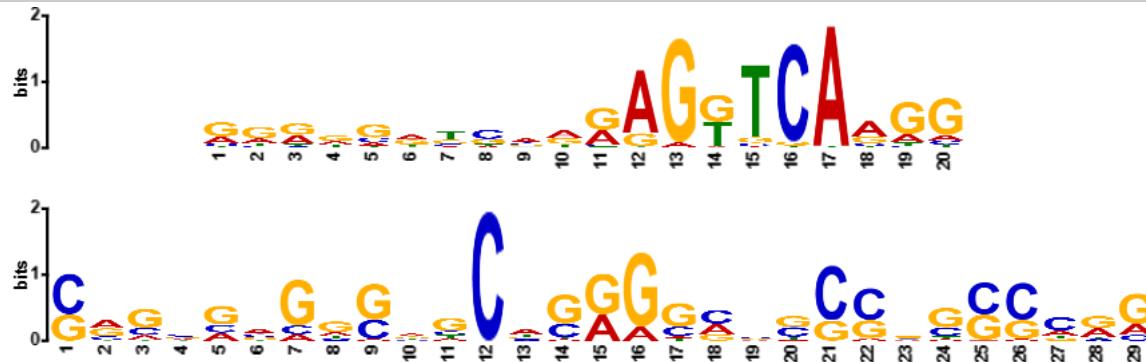
Name	<a href="#">BHA15_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.86e-02
<i>E</i> -value	7.46e+00
<i>q</i> -value	2.50e-01
Overlap	11
Offset	-4
Orientation	Normal
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### Summary

Name	<a href="#">RARA_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.04e-02
<i>E</i> -value	8.17e+00
<i>q</i> -value	2.69e-01
Overlap	20
Offset	-4
Orientation	Normal
<a href="#">Show logo download options</a>	

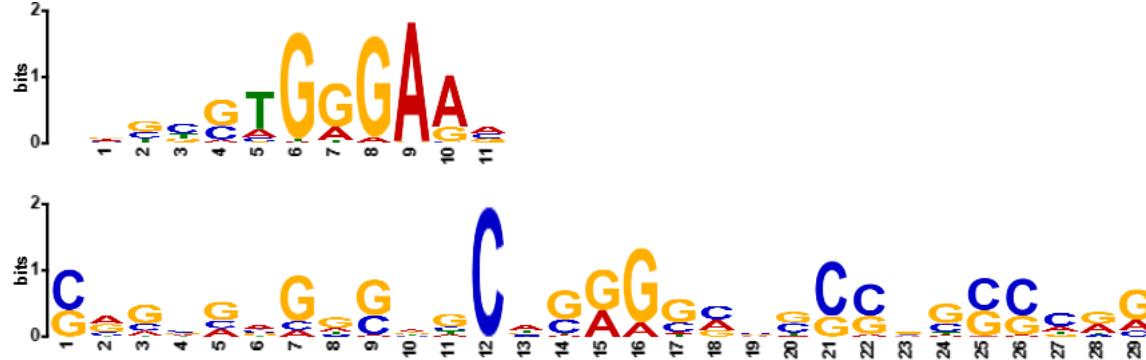
### Optimal Alignment



### Summary

Name	<a href="#">SUH_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.10e-02
<i>E</i> -value	8.42e+00
<i>q</i> -value	2.73e-01
Overlap	11
Offset	-1
Orientation	Normal
<a href="#">Show logo download options</a>	

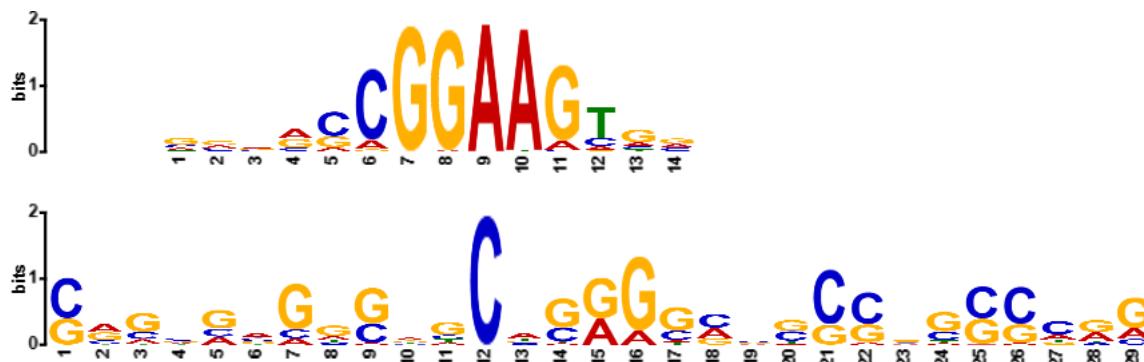
### Optimal Alignment



### Summary

### Optimal Alignment

Name	<a href="#">GABPA_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.15e-02
<i>E</i> -value	8.62e+00
<i>q</i> -value	2.75e-01
Overlap	14
Offset	-3
Orientation	Normal
<a href="#">Show logo download options</a>	



#### Summary

Name	<a href="#">SMAD3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.38e-02
<i>E</i> -value	9.54e+00
<i>q</i> -value	2.81e-01
Overlap	12
Offset	-4
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	



#### Summary

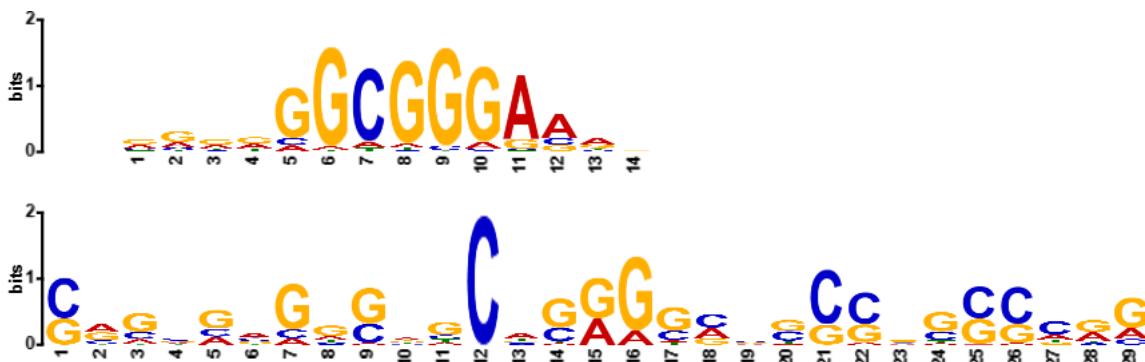
Name	<a href="#">ETV5_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.39e-02
<i>E</i> -value	9.59e+00
<i>q</i> -value	2.81e-01
Overlap	14
Offset	-5
Orientation	Normal
<a href="#">Show logo download options</a>	



#### Summary

#### Optimal Alignment

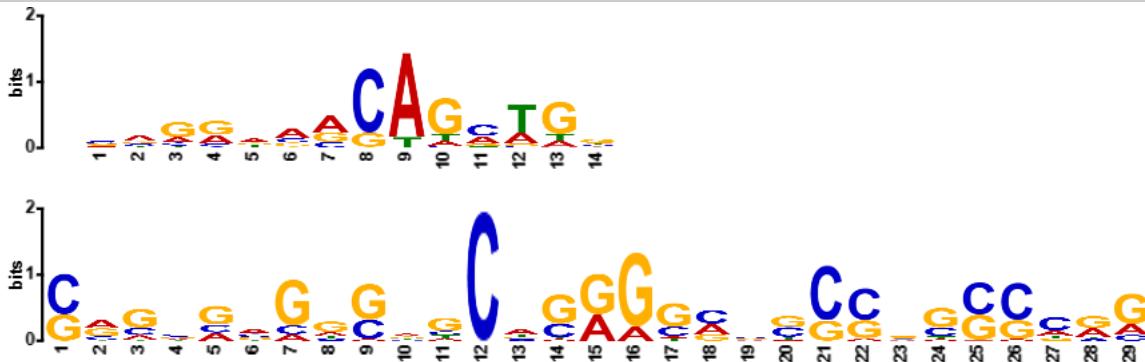
Name	<a href="#">TFDP1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.39e-02
<i>E</i> -value	9.59e+00
<i>q</i> -value	2.81e-01
Overlap	14
Offset	-2
Orientation	Normal
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#### Summary

Name	<a href="#">LYL1_HUMAN.H11MO.0.A</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	2.81e-01
Overlap	14
Offset	-1
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

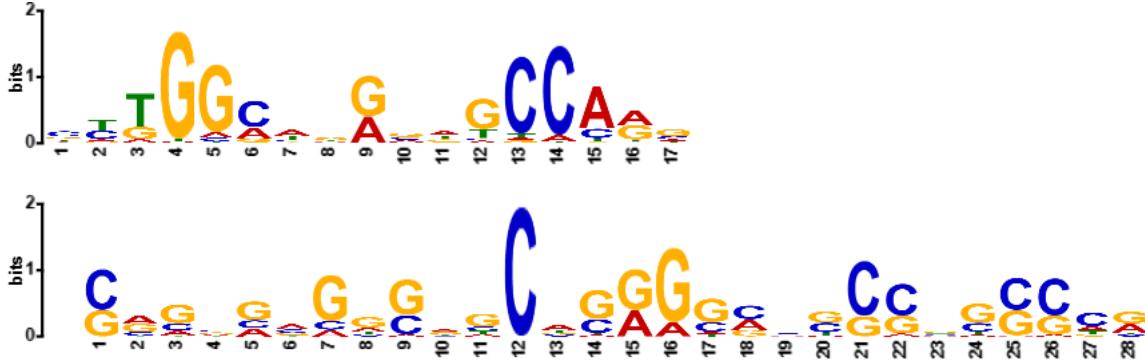
#### Optimal Alignment



#### Summary

Name	<a href="#">NFIC_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.41e-02
<i>E</i> -value	9.68e+00
<i>q</i> -value	2.81e-01
Overlap	16
Offset	1
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

#### Optimal Alignment



#### Summary

#### Optimal Alignment

Name [ETS1\\_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 2.42e-02

E-value 9.71e+00

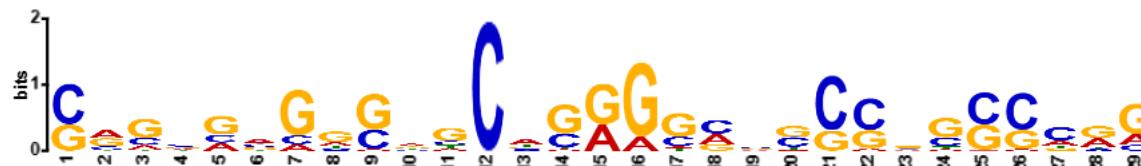
q-value 2.81e-01

Overlap 13

Offset -1

Orientation Normal

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### MATCHES TO SANAGGCCHGGTGGMAMWKCDSTTATAAGYMCTGWWYKSCT (MEME-13)

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

#### Summary

Name [SNAI1\\_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 2.34e-03

E-value 9.39e-01

q-value 6.92e-01

Overlap 8

Offset -6

Orientation Normal

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#### Optimal Alignment



#### Summary

Name [FOXI1\\_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 2.61e-03

E-value 1.05e+00

q-value 6.92e-01

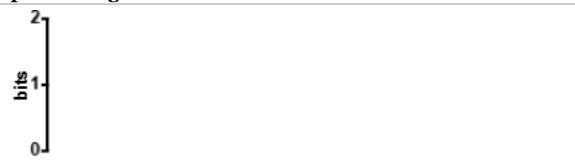
Overlap 12

Offset -29

Orientation Normal

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#### Optimal Alignment



#### Summary

#### Optimal Alignment

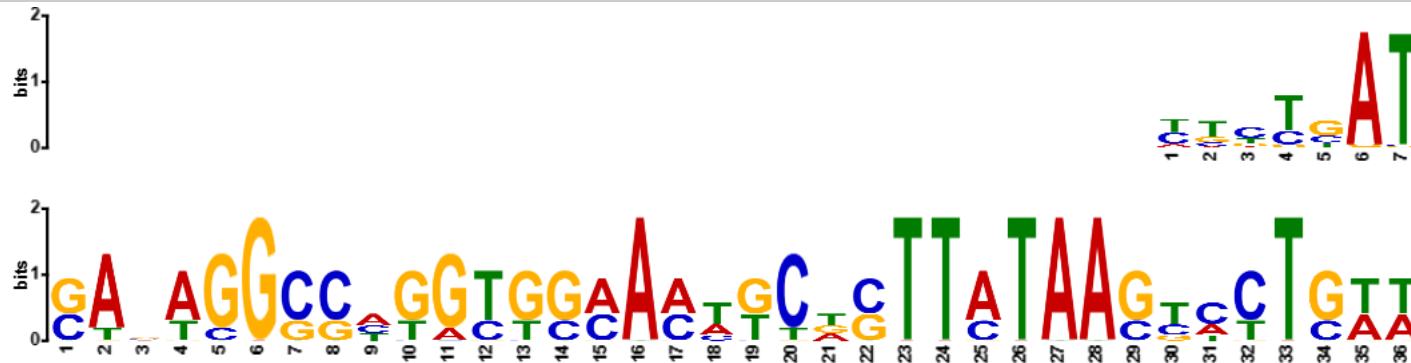
Name	<a href="#">NFYB_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.61e-03
<i>E</i> -value	1.05e+00
<i>q</i> -value	6.92e-01
Overlap	12
Offset	-29
Orientation	Reverse Complement
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## Summary

Name	<a href="#">NFYA_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.29e-03
<i>E</i> -value	1.72e+00
<i>q</i> -value	6.92e-01
Overlap	12
Offset	-29
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

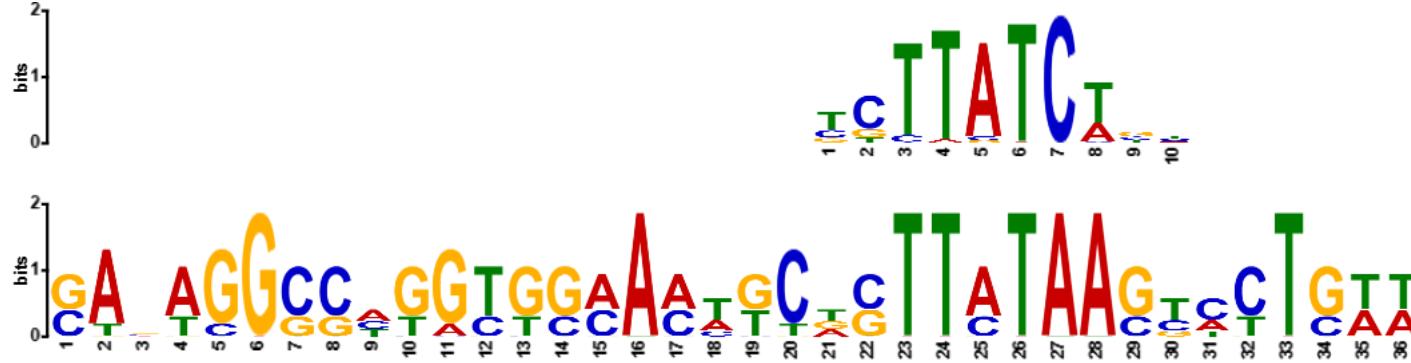
## Optimal Alignment



## Summary

Name	<a href="#">GATA4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.15e-03
<i>E</i> -value	2.07e+00
<i>q</i> -value	6.92e-01
Overlap	10
Offset	-20
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

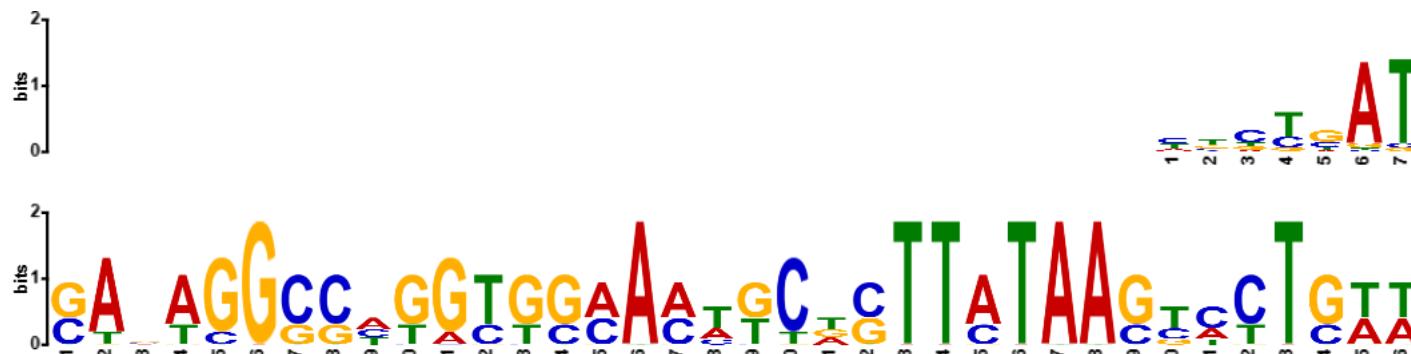
## Optimal Alignment



## Summary

## Optimal Alignment

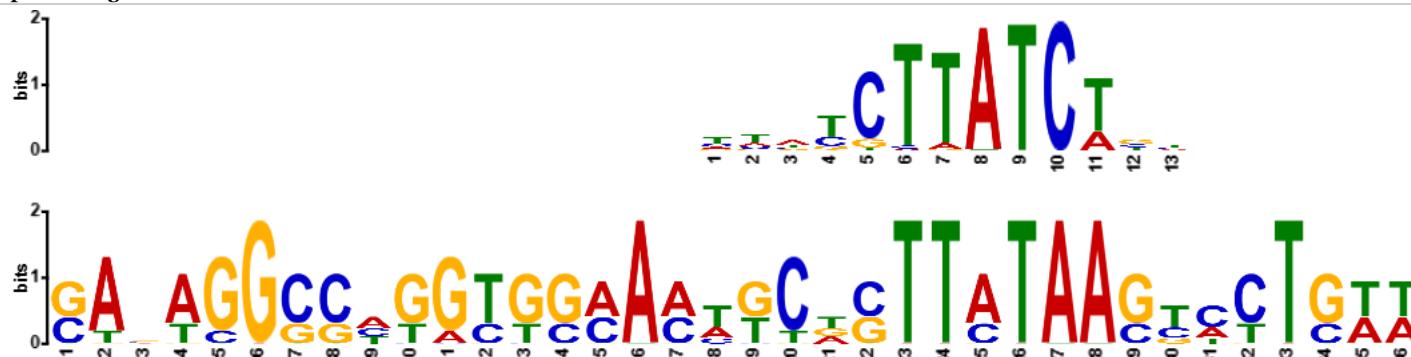
Name	<a href="#">NFYC_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.18e-03
<i>E</i> -value	2.08e+00
<i>q</i> -value	6.92e-01
Overlap	12
Offset	-29
Orientation	Reverse Complement
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### Summary

Name	<a href="#">GATA6_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.55e-02
<i>E</i> -value	6.20e+00
<i>q</i> -value	1.00e+00
Overlap	13
Offset	-17
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

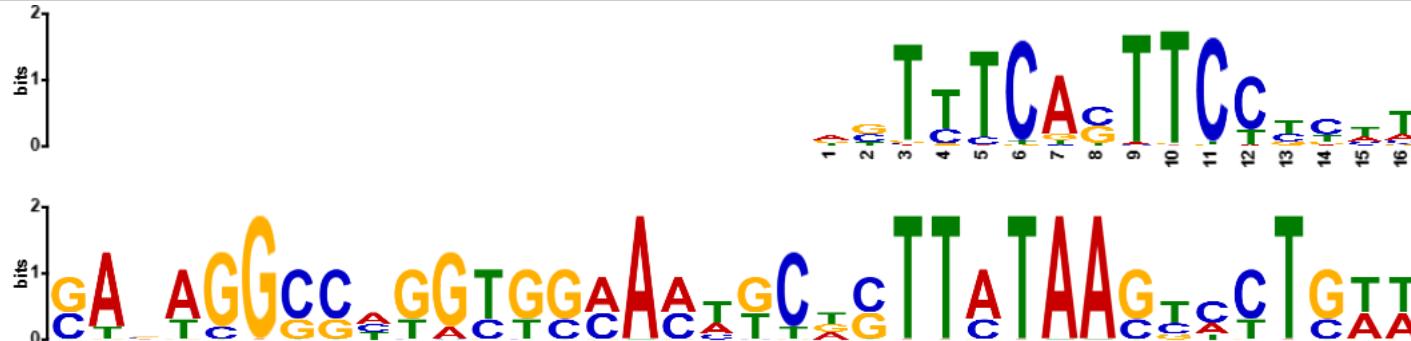
### Optimal Alignment



### Summary

Name	<a href="#">IRF4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.93e-02
<i>E</i> -value	7.73e+00
<i>q</i> -value	1.00e+00
Overlap	18
Offset	-20
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

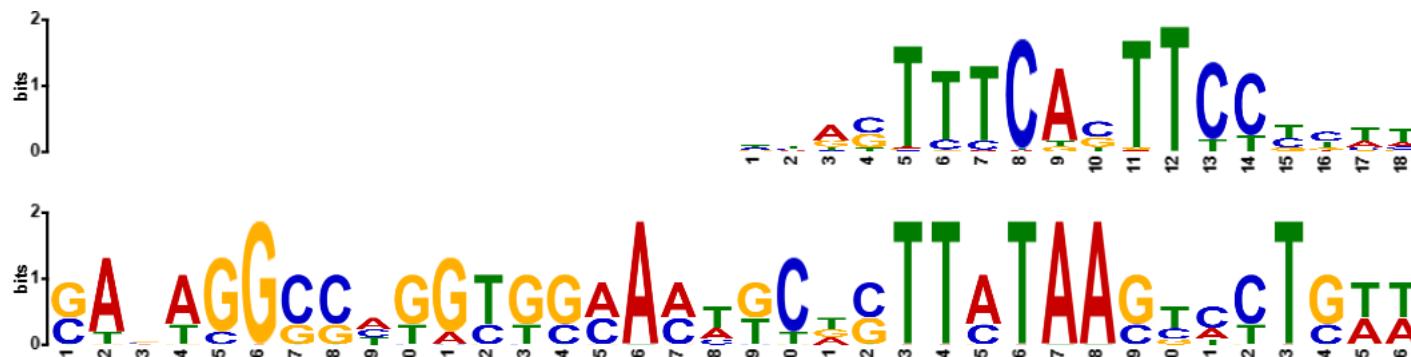
### Optimal Alignment



### Summary

### Optimal Alignment

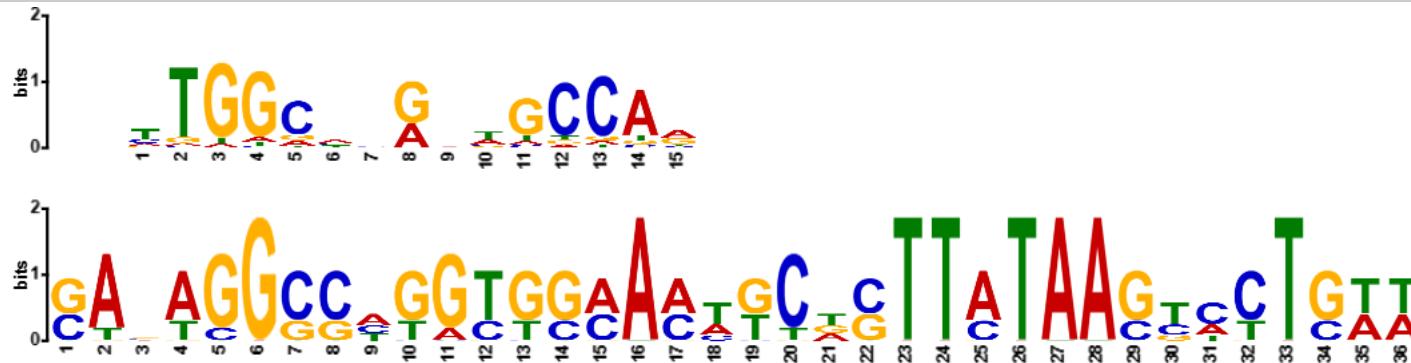
Name	<a href="#">IRF8_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.17e-02
<i>E</i> -value	8.71e+00
<i>q</i> -value	1.00e+00
Overlap	20
Offset	-18
Orientation	Reverse Complement
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## Summary

Name	<a href="#">NFIA_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.24e-02
<i>E</i> -value	8.99e+00
<i>q</i> -value	1.00e+00
Overlap	15
Offset	-2
Orientation	Normal
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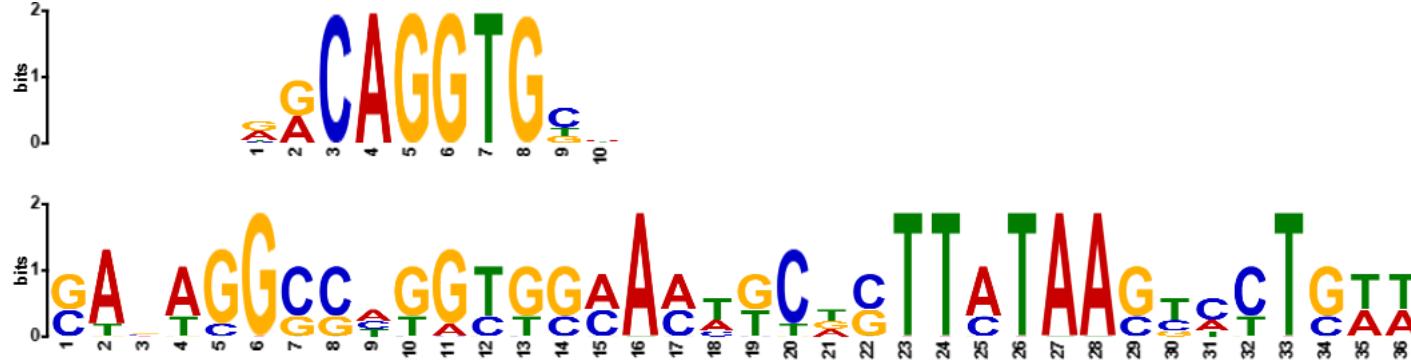
## Optimal Alignment



## Summary

Name	<a href="#">SNAI2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.27e-02
<i>E</i> -value	9.09e+00
<i>q</i> -value	1.00e+00
Overlap	10
Offset	-5
Orientation	Normal
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## Optimal Alignment



## Summary

## Optimal Alignment

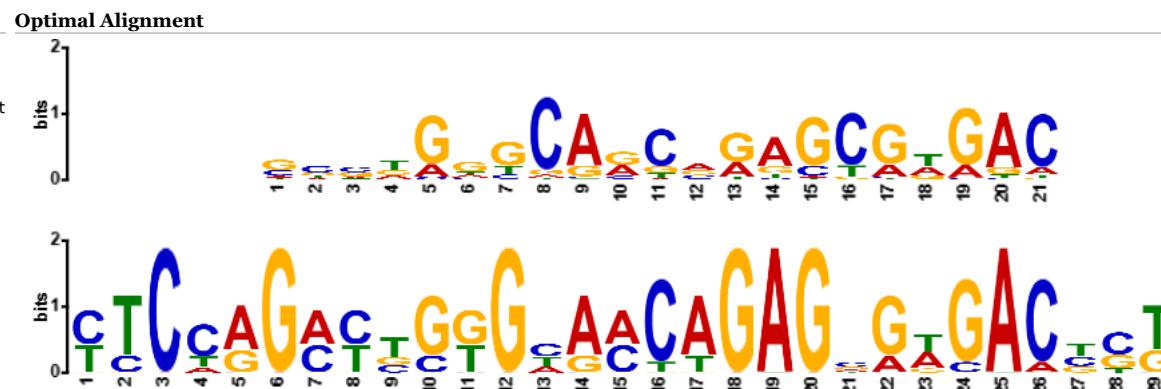
Name	<a href="#">ZSC31_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.34e-02
<i>E</i> -value	9.37e+00
<i>q</i> -value	1.00e+00
Overlap	18
Offset	-9
Orientation	Normal
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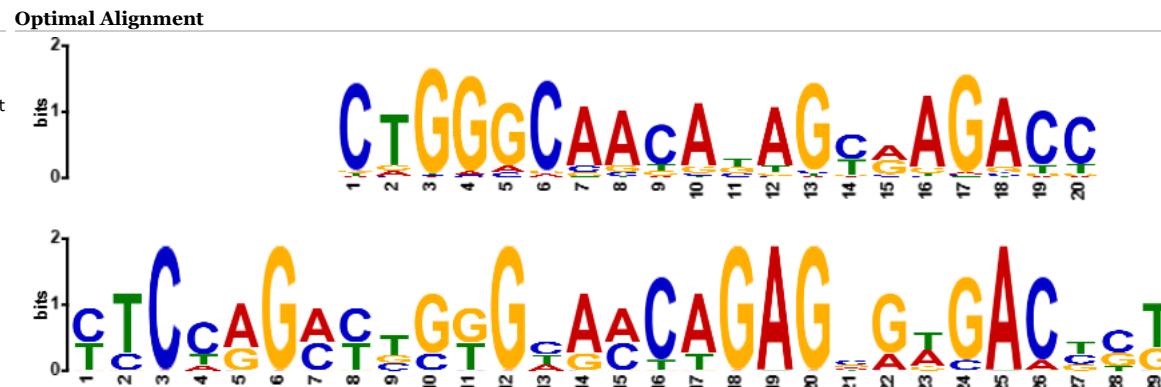
## MATCHES TO YTCCRGMYTGKGHAMCAGAGVGWGACBSK (MEME-14)

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Summary	
Name	<a href="#">PAX5_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.30e-09
<i>E</i> -value	5.21e-07
<i>q</i> -value	1.04e-06
Overlap	21
Offset	-5
Orientation	Normal
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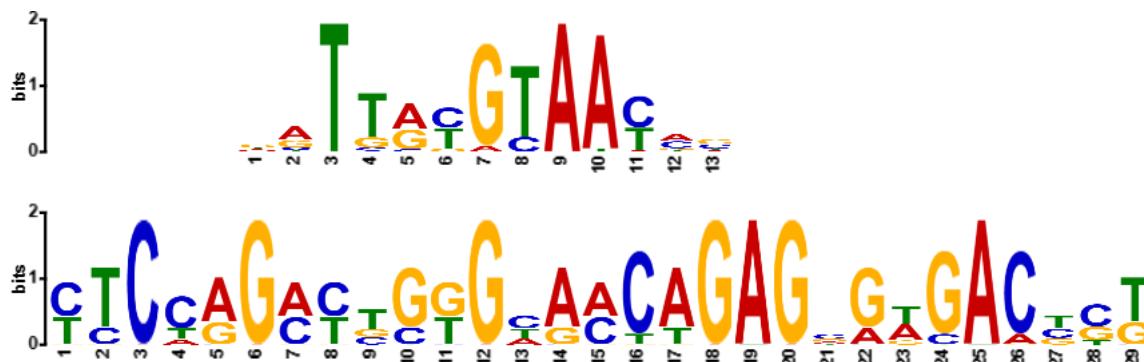
Summary	
Name	<a href="#">ZN121_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.31e-09
<i>E</i> -value	1.73e-06
<i>q</i> -value	1.73e-06
Overlap	20
Offset	-7
Orientation	Normal
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Summary	
Name	<a href="#">Optimal Alignment</a>
Database	
<i>p</i> -value	
<i>E</i> -value	
<i>q</i> -value	
Overlap	
Offset	
Orientation	
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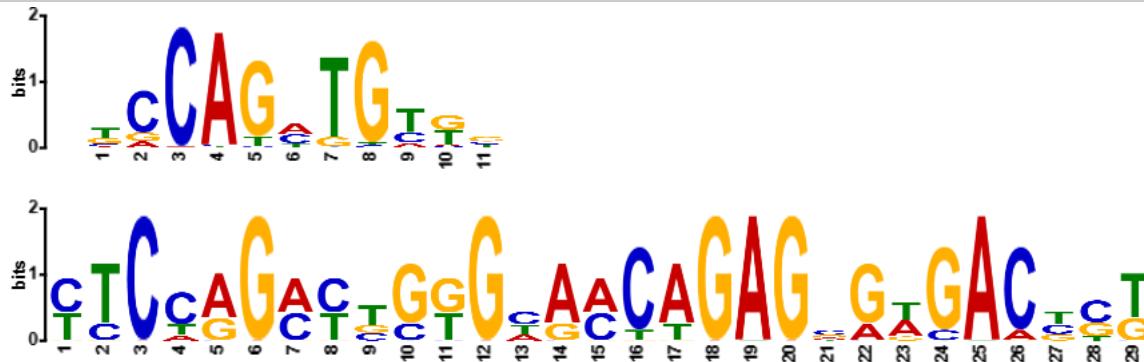
Name	<a href="#">HLF_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.93e-03
<i>E</i> -value	2.78e+00
<i>q</i> -value	1.00e+00
Overlap	13
Offset	-5
Orientation	Normal
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#### Summary

Name	<a href="#">ZBT18_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.61e-03
<i>E</i> -value	3.85e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	-1
Orientation	Normal
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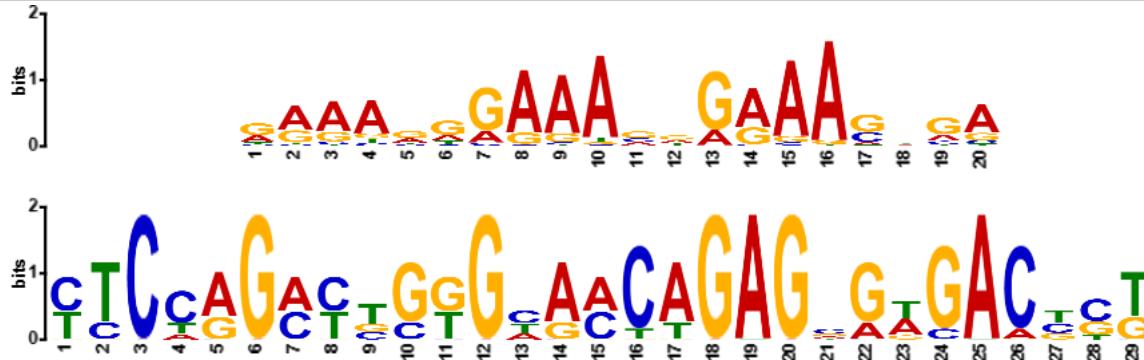
#### Optimal Alignment



#### Summary

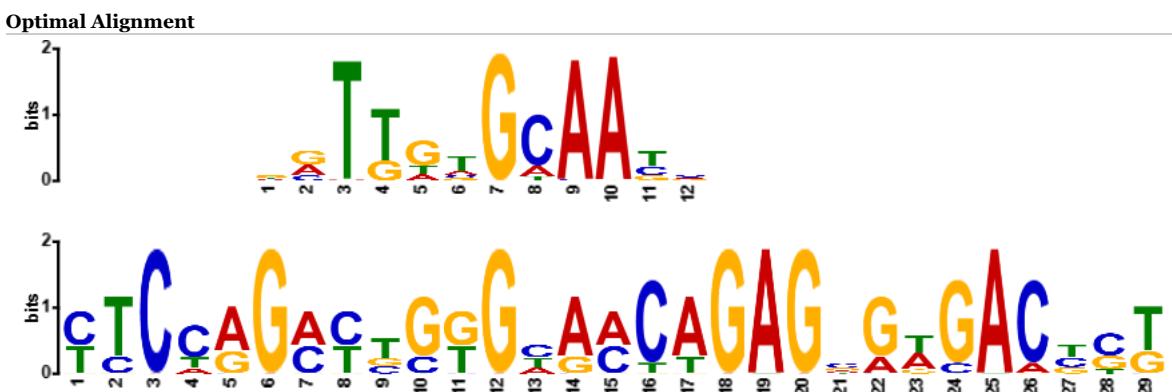
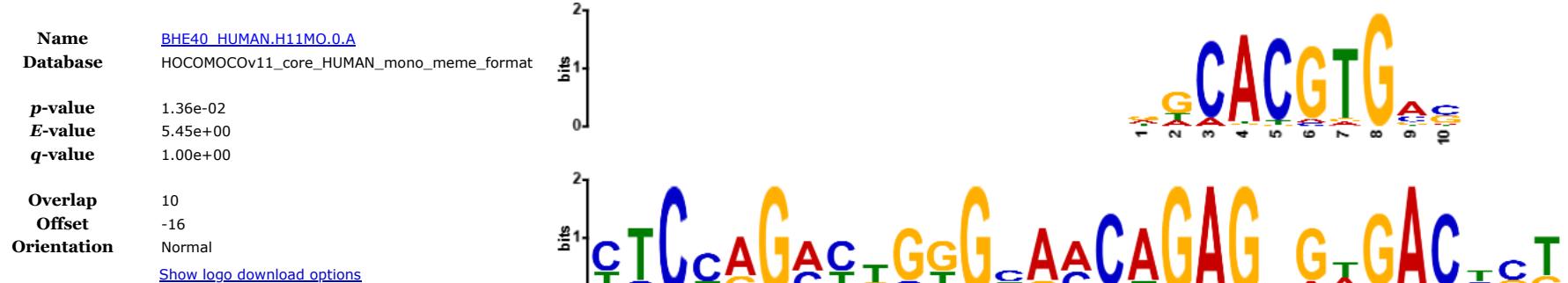
Name	<a href="#">IRF3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.08e-02
<i>E</i> -value	4.34e+00
<i>q</i> -value	1.00e+00
Overlap	20
Offset	-5
Orientation	Normal
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#### Optimal Alignment

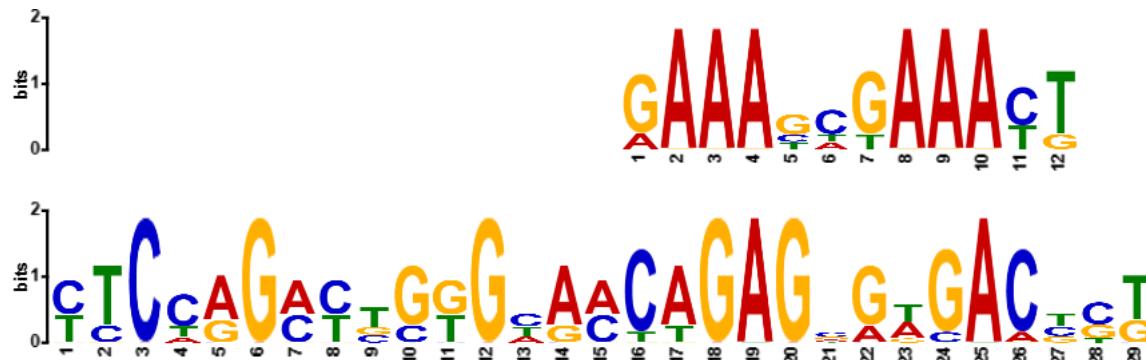


#### Summary

#### Optimal Alignment



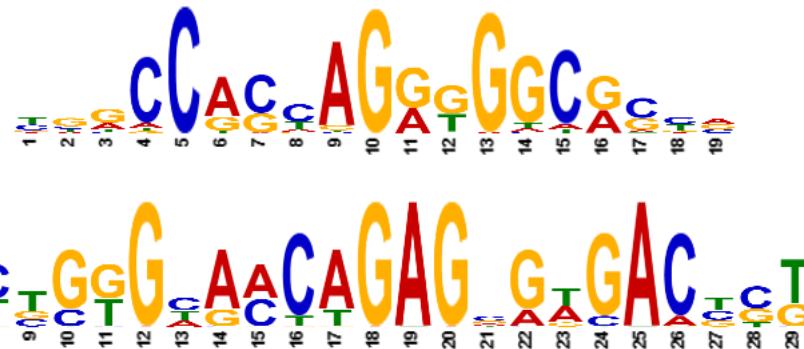
Name	<a href="#">IRF9_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.03e-02
<i>E</i> -value	8.15e+00
<i>q</i> -value	1.00e+00
Overlap	12
Offset	-15
Orientation	Normal
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#### Summary

Name	<a href="#">CTCF_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.19e-02
<i>E</i> -value	8.79e+00
<i>q</i> -value	1.00e+00
Overlap	19
Offset	-8
Orientation	Normal
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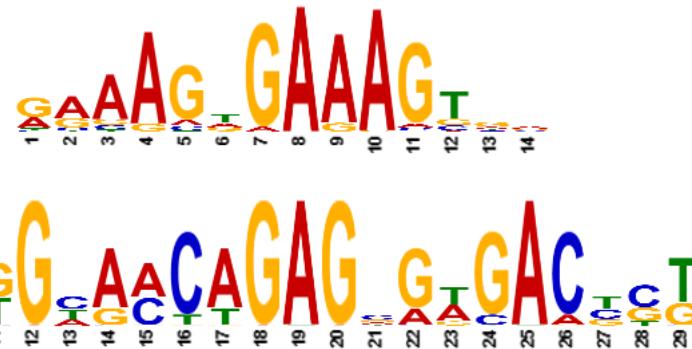
#### Optimal Alignment



#### Summary

Name	<a href="#">PRDM1_HUMAN.H11MO.0.A</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	1.00e+00
Overlap	14
Offset	-11
Orientation	Normal
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#### Optimal Alignment



MATCHES TO YTYATRTTRWWAATHAATKKYWTMWAADAWWTGSAATTWAYTCM (MEME-15)

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#### Summary

#### Optimal Alignment

**Name** [POZF1\\_HUMAN.H11MO.0.C](#)

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.80e-04

**E-value** 7.24e-02

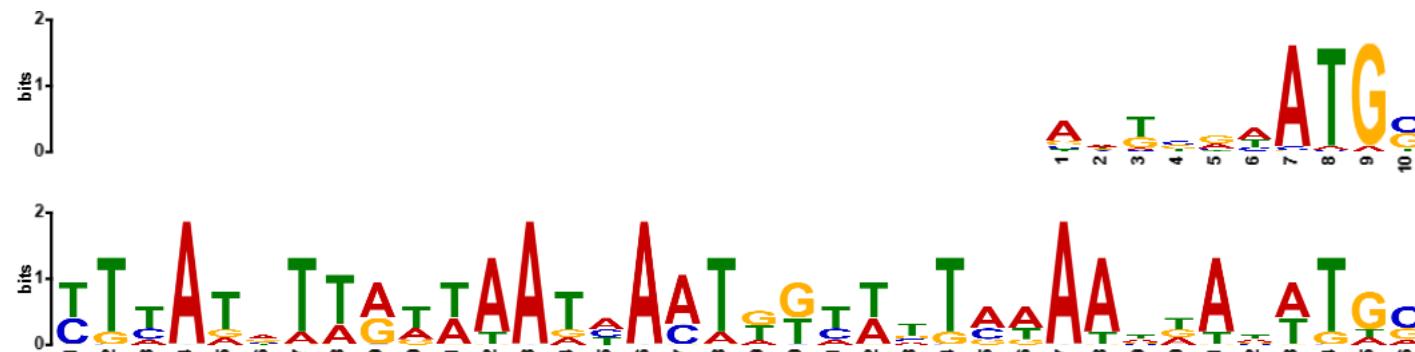
**q-value** 5.40e-02

**Overlap** 16

**Offset** -26

**Orientation** Normal

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### Summary

**Name** [LHX3\\_HUMAN.H11MO.0.C](#)

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.98e-04

**E-value** 7.96e-02

**q-value** 5.40e-02

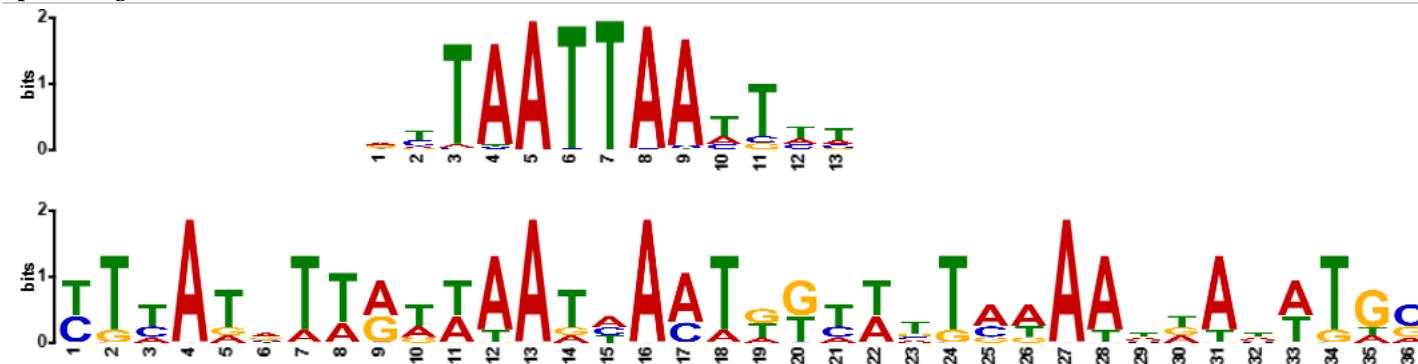
**Overlap** 13

**Offset** -8

**Orientation** Reverse Complement

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### Optimal Alignment



### Summary

**Name** [NKX61\\_HUMAN.H11MO.0.B](#)

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 2.04e-04

**E-value** 8.20e-02

**q-value** 5.40e-02

**Overlap** 19

**Offset** -26

**Orientation** Normal

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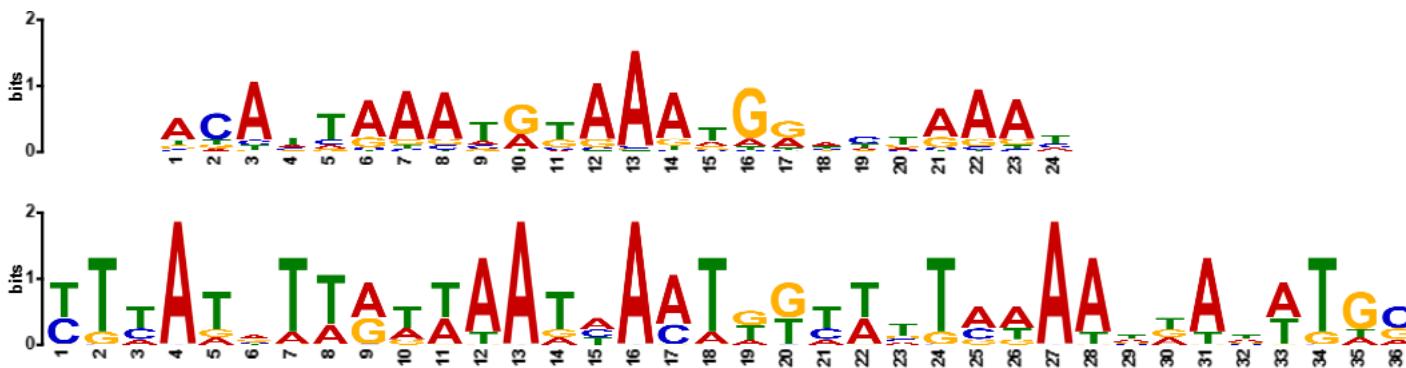
### Optimal Alignment



### Summary

### Optimal Alignment

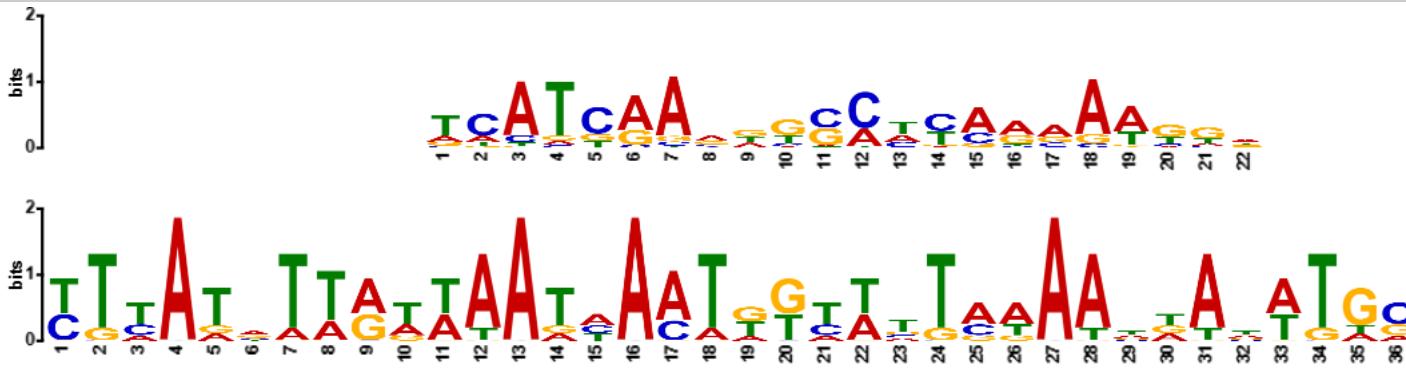
Name	<a href="#">Z354A_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.72e-04
<i>E</i> -value	1.89e-01
<i>q</i> -value	8.94e-02
Overlap	24
Offset	-3
Orientation	Reverse Complement
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## Summary

Name	<a href="#">ZN214_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.56e-03
<i>E</i> -value	6.26e-01
<i>q</i> -value	1.77e-01
Overlap	22
Offset	-10
Orientation	Reverse Complement
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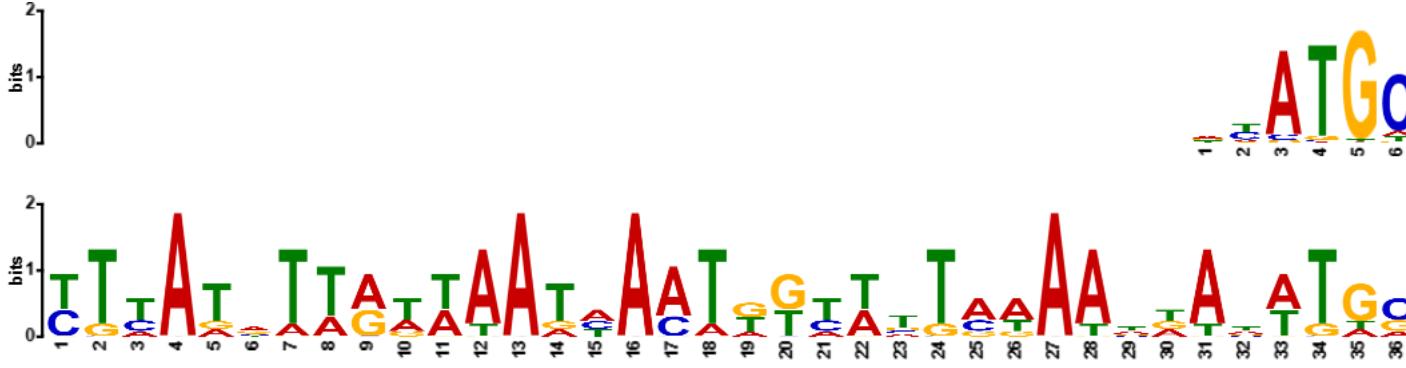
## Optimal Alignment



## Summary

Name	<a href="#">PO2F2_HUMAN.H11MO.0.A</a>
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	3.24e-01
Overlap	11
Offset	-30
Orientation	Normal
	<a href="#">Show logo download options</a>

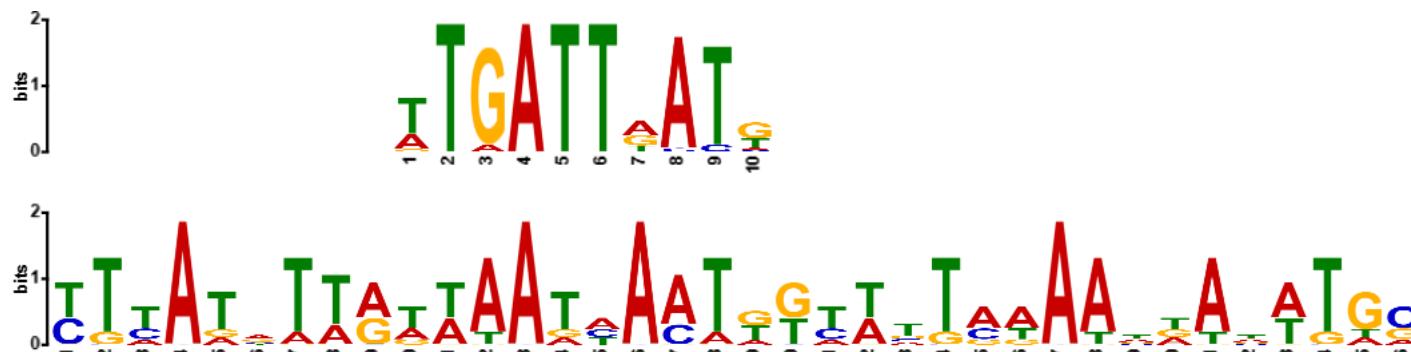
## Optimal Alignment



## Summary

## Optimal Alignment

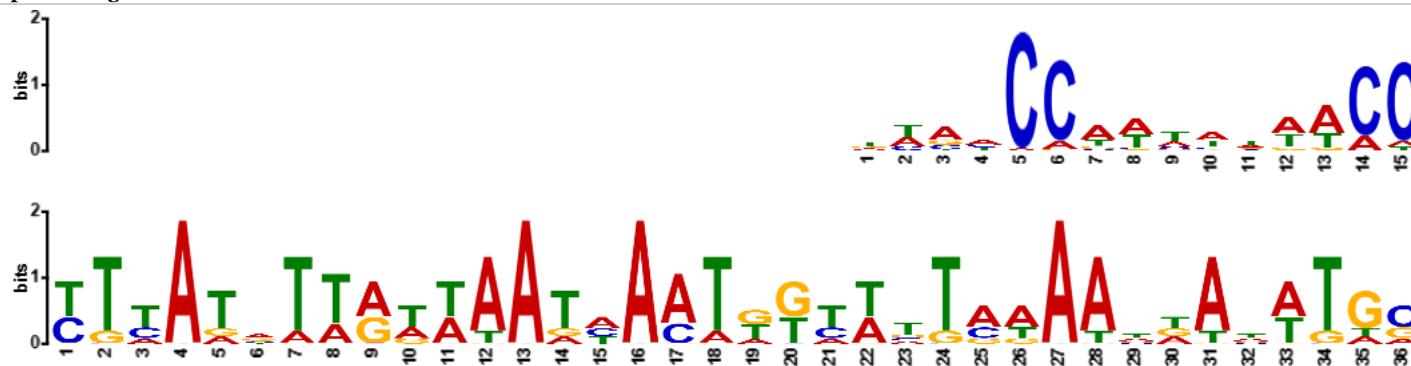
Name	<a href="#">HX87_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.61e-03
<i>E</i> -value	1.85e+00
<i>q</i> -value	3.41e-01
Overlap	10
Offset	-9
Orientation	Normal
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### Summary

Name	<a href="#">AIRE_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.71e-03
<i>E</i> -value	1.89e+00
<i>q</i> -value	3.41e-01
Overlap	18
Offset	-21
Orientation	Reverse Complement
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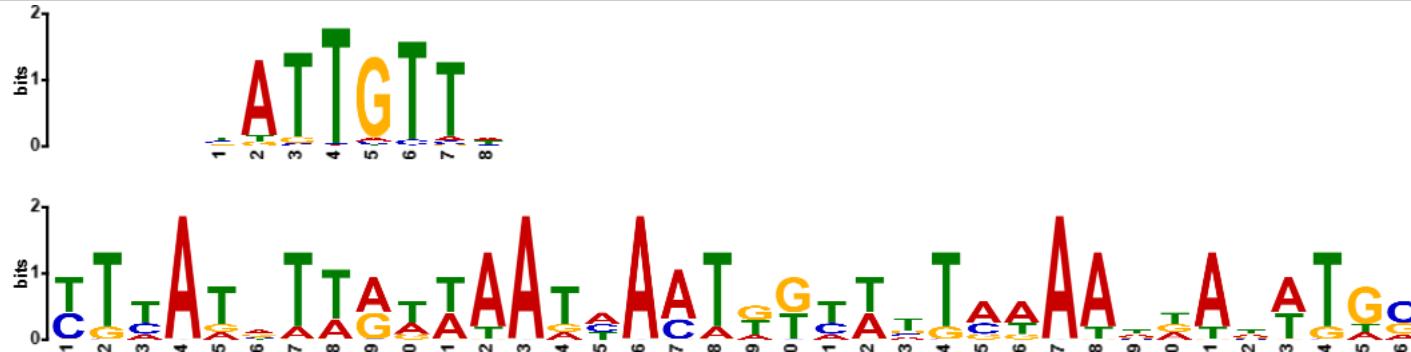
### Optimal Alignment



### Summary

Name	<a href="#">SOX5_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.73e-03
<i>E</i> -value	1.90e+00
<i>q</i> -value	3.41e-01
Overlap	8
Offset	-4
Orientation	Normal
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### Optimal Alignment



### Summary

### Optimal Alignment

**Name** P03F1\_HUMAN.H11MO.0.C

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 7.66e-03

**E-value** 3.07e+00

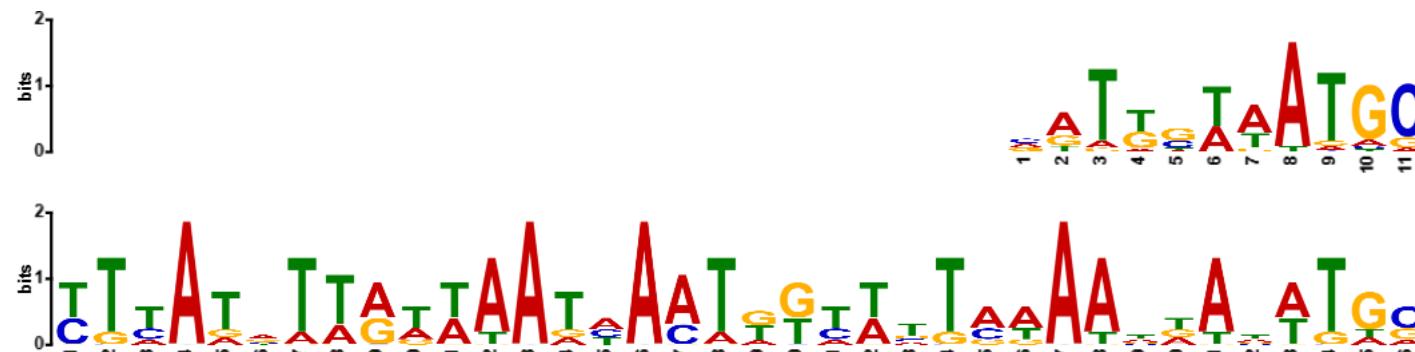
**q-value** 4.34e-01

**Overlap** 14

**Offset** -25

**Orientation** Normal

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## Summary

**Name** TWST1\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 8.06e-03

**E-value** 3.23e+00

**q-value** 4.34e-01

**Overlap** 17

**Offset** -12

**Orientation** Normal

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## Optimal Alignment



## Summary

**Name** SRF\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 8.58e-03

**E-value** 3.44e+00

**q-value** 4.34e-01

**Overlap** 18

**Offset** -20

**Orientation** Reverse Complement

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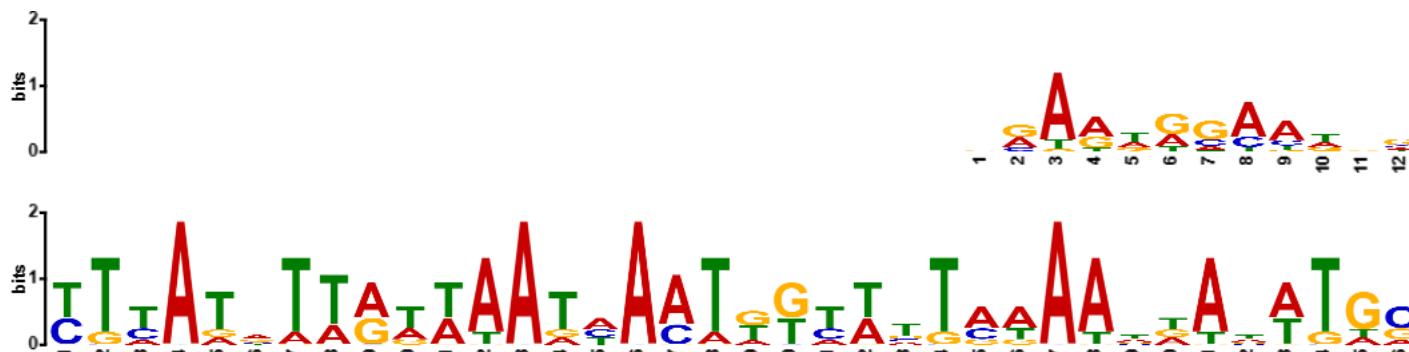
## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">ZN394_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.77e-03
<i>E</i> -value	3.52e+00
<i>q</i> -value	4.34e-01
Overlap	20
Offset	-24
Orientation	Normal
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## Summary

Name	<a href="#">HXB8_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.91e-03
<i>E</i> -value	3.98e+00
<i>q</i> -value	4.36e-01
Overlap	11
Offset	-6
Orientation	Reverse Complement
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## Optimal Alignment



## Summary

Name	<a href="#">ZN502_HUMAN.H11MO.0.C</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	5.42e-01
Overlap	20
Offset	-25
Orientation	Normal
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## Optimal Alignment



## Summary

## Optimal Alignment

Name [ZN317\\_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 1.74e-02

E-value 6.96e+00

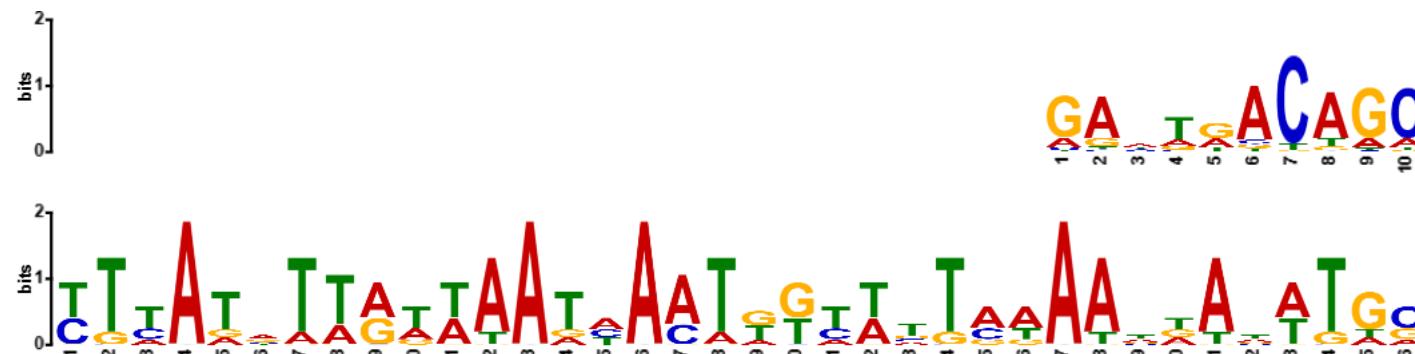
q-value 6.49e-01

Overlap 20

Offset -26

Orientation Normal

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### Summary

Name [NANOG\\_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 1.90e-02

E-value 7.61e+00

q-value 6.53e-01

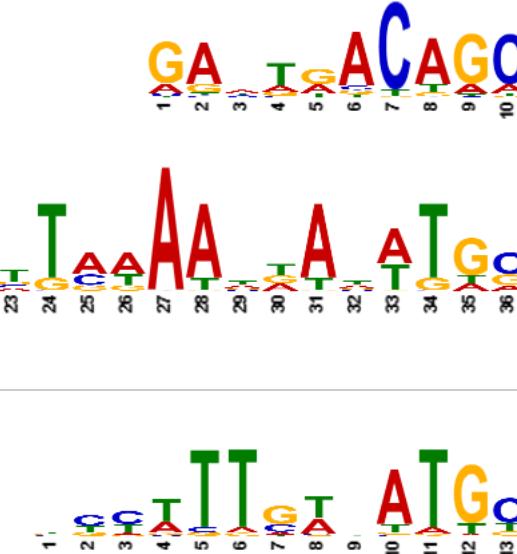
Overlap 17

Offset -23

Orientation Normal

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### Optimal Alignment



### Summary

Name [MEF2D\\_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 2.23e-02

E-value 8.94e+00

q-value 6.73e-01

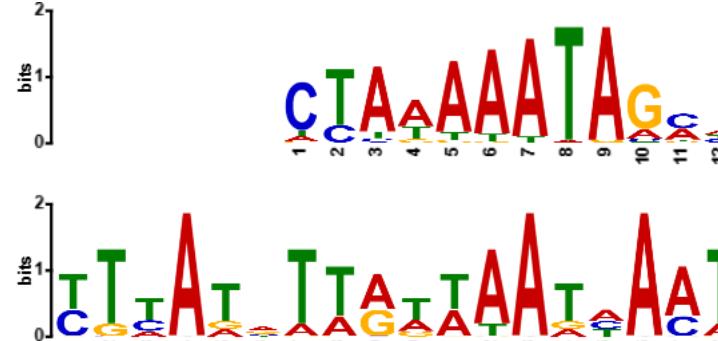
Overlap 12

Offset -6

Orientation Reverse Complement

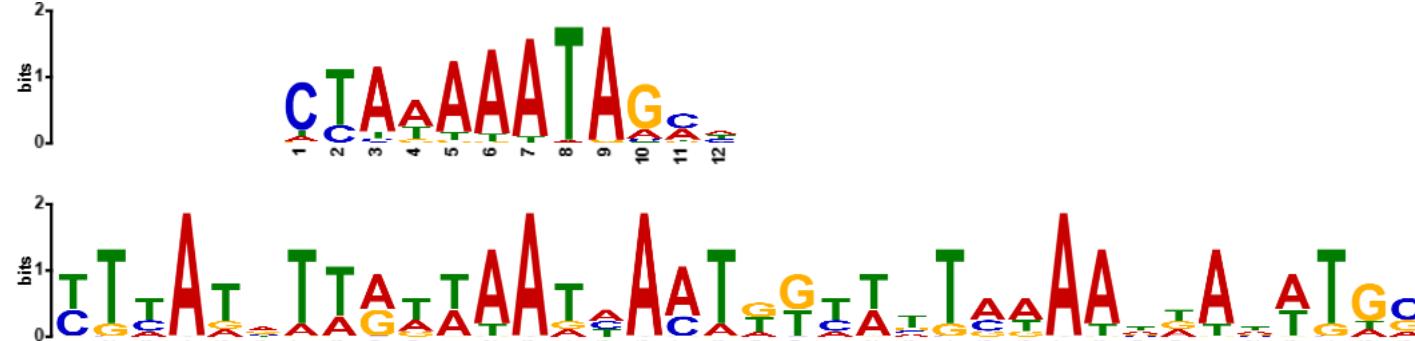
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### Optimal Alignment

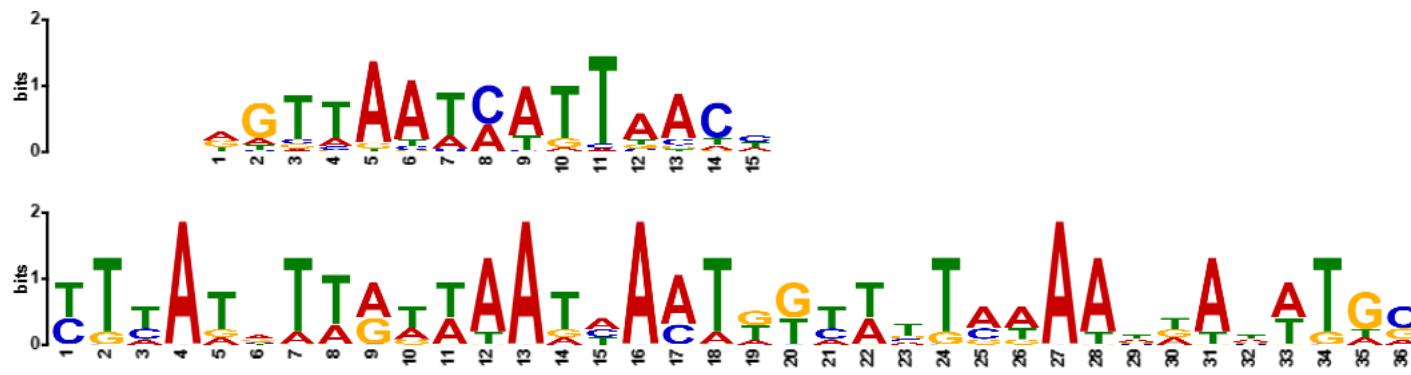


### Summary

### Optimal Alignment



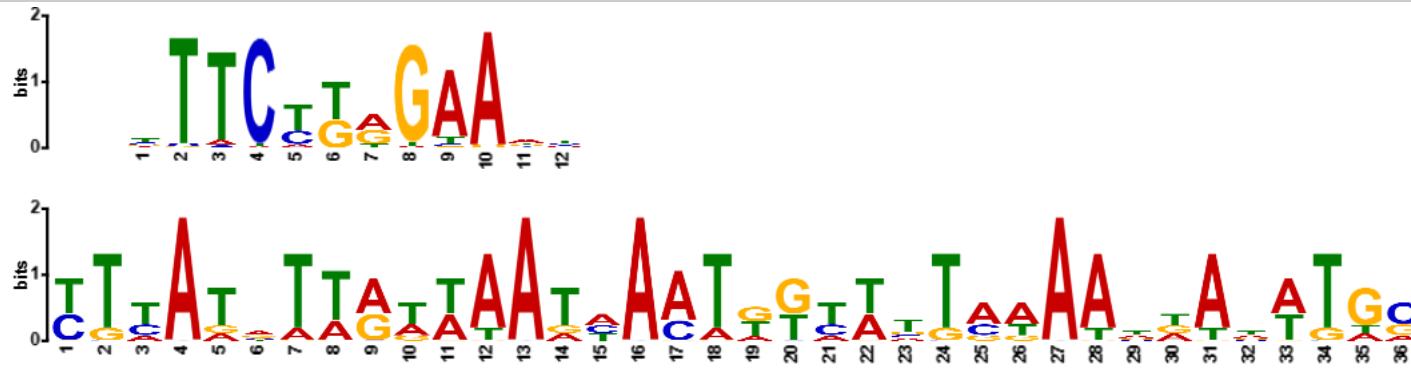
Name	<a href="#">HNF1A_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.25e-02
<i>E</i> -value	9.04e+00
<i>q</i> -value	6.73e-01
Overlap	15
Offset	-4
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">STA5B_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.37e-02
<i>E</i> -value	9.51e+00
<i>q</i> -value	6.73e-01
Overlap	12
Offset	-2
Orientation	Normal
	<a href="#">Show logo download options</a>

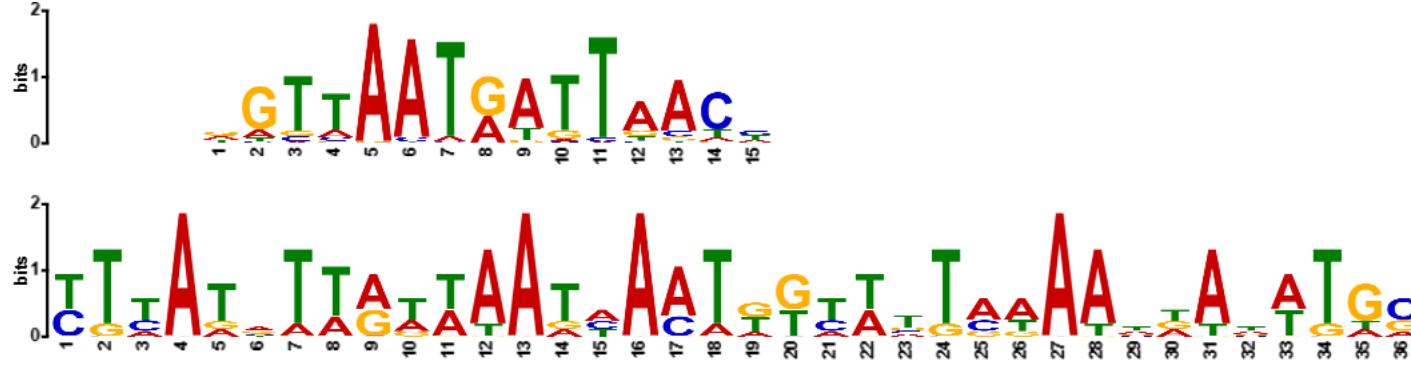
#### Optimal Alignment



#### Summary

Name	<a href="#">HNF1B_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.38e-02
<i>E</i> -value	9.54e+00
<i>q</i> -value	6.73e-01
Overlap	15
Offset	-4
Orientation	Normal
	<a href="#">Show logo download options</a>

#### Optimal Alignment



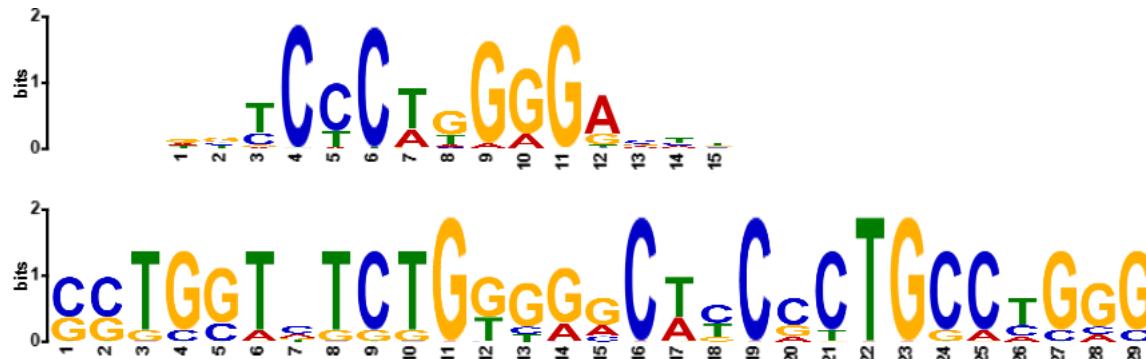
MATCHES TO SSTGGTMTCTGKGGGCWYCCCTGCCCTGGG (MEME-16)

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#### Summary

#### Optimal Alignment

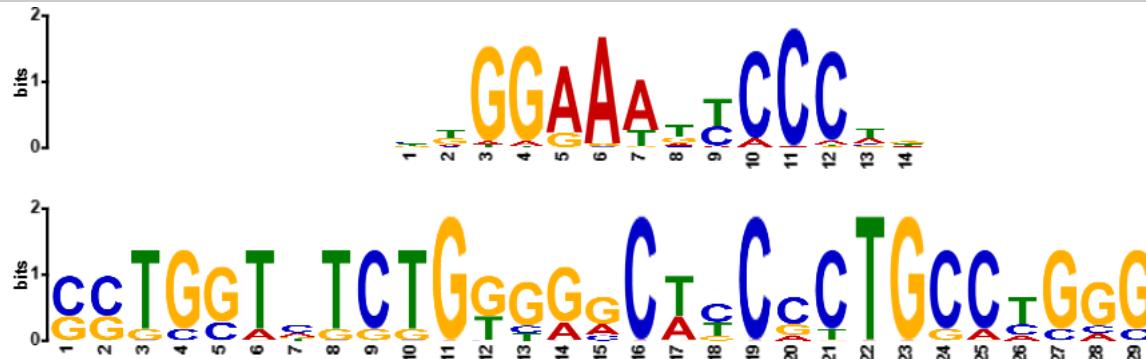
Name	<a href="#">COE1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.14e-05
<i>E</i> -value	2.86e-02
<i>q</i> -value	5.69e-02
Overlap	15
Offset	-3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



### Summary

Name	<a href="#">TF65_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.37e-03
<i>E</i> -value	9.52e-01
<i>q</i> -value	6.10e-01
Overlap	14
Offset	-9
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

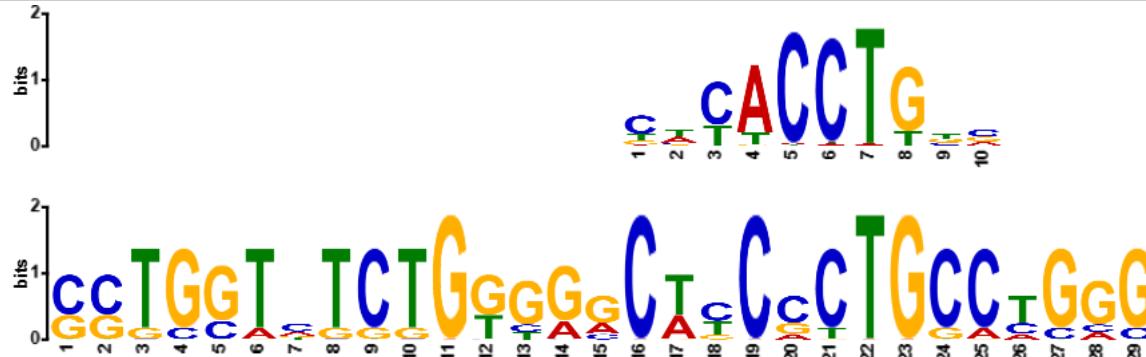
### Optimal Alignment



### Summary

Name	<a href="#">ZEB1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.18e-03
<i>E</i> -value	1.28e+00
<i>q</i> -value	6.10e-01
Overlap	10
Offset	-15
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

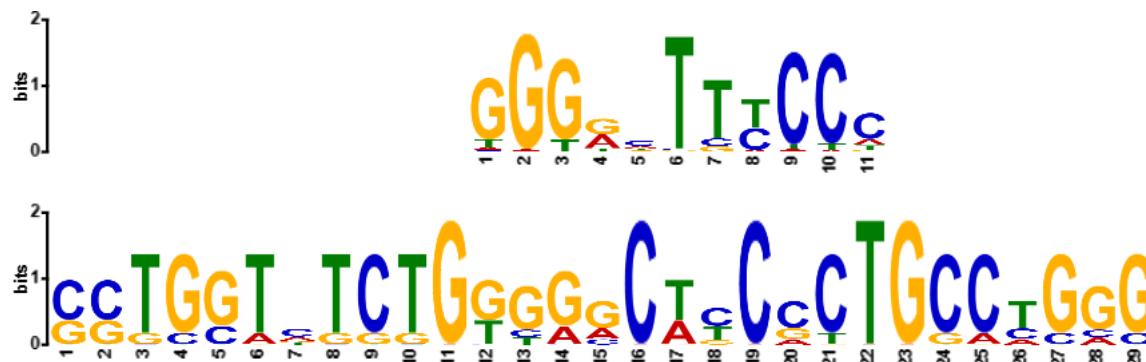
### Optimal Alignment



### Summary

### Optimal Alignment

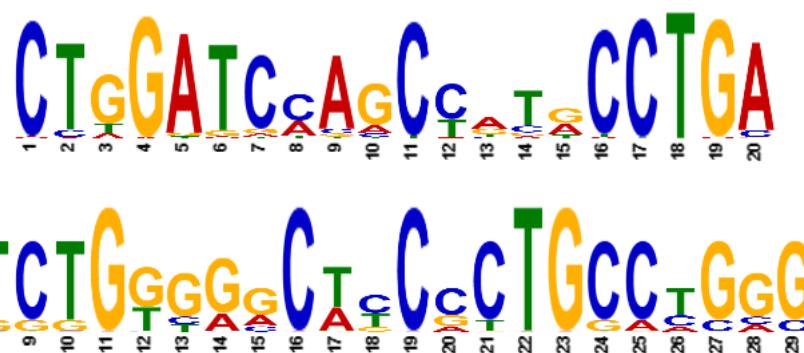
Name	<a href="#">NFKB2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.33e-03
<i>E</i> -value	1.33e+00
<i>q</i> -value	6.10e-01
Overlap	11
Offset	-11
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">ZN329_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.21e-03
<i>E</i> -value	1.69e+00
<i>q</i> -value	6.10e-01
Overlap	20
Offset	-8
Orientation	Normal
	<a href="#">Show logo download options</a>

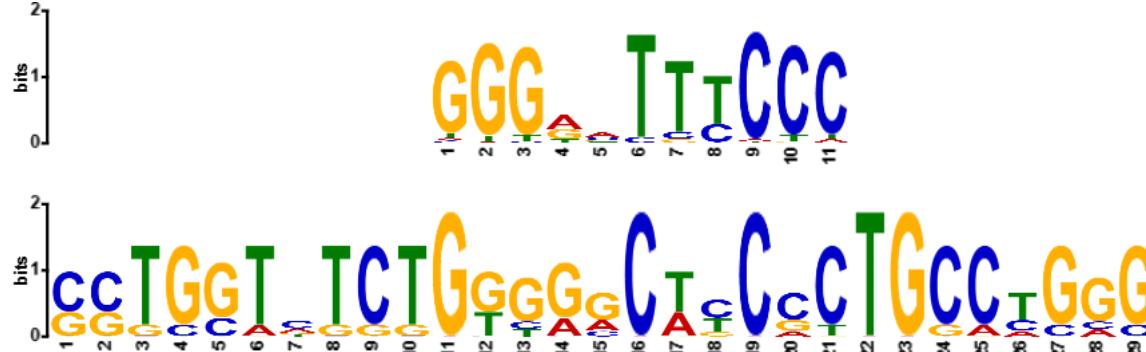
#### Optimal Alignment



#### Summary

Name	<a href="#">NFKB1_HUMAN.H11MO.1.B</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	6.10e-01
Overlap	11
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

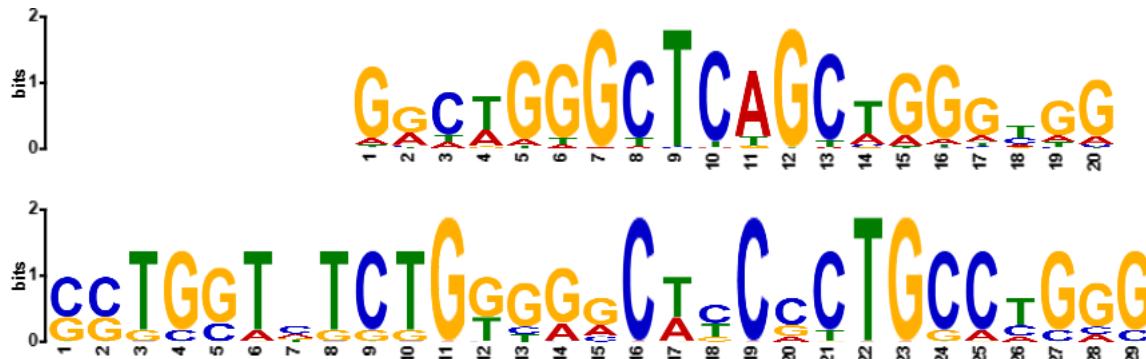
#### Optimal Alignment



#### Summary

#### Optimal Alignment

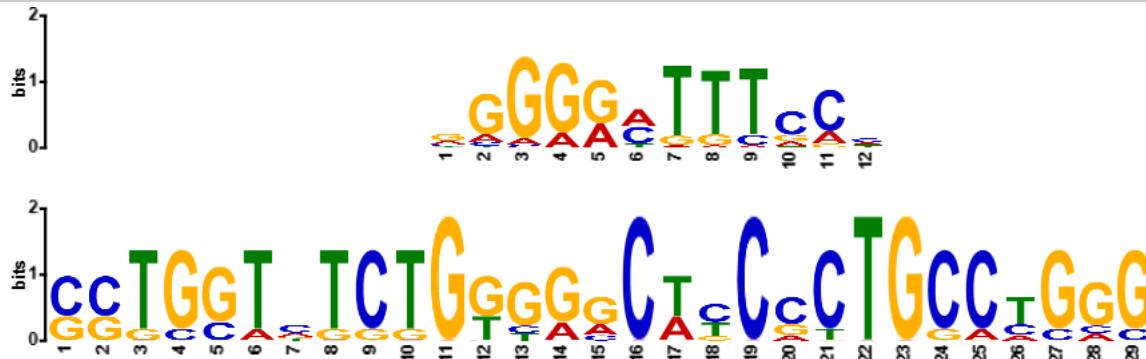
Name	<a href="#">ZN331_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.75e-03
<i>E</i> -value	3.11e+00
<i>q</i> -value	6.10e-01
Overlap	20
Offset	-8
Orientation	Normal
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### Summary

Name	<a href="#">RELB_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.18e-03
<i>E</i> -value	3.68e+00
<i>q</i> -value	6.10e-01
Overlap	12
Offset	-10
Orientation	Normal
<a href="#">Show logo download options</a>	

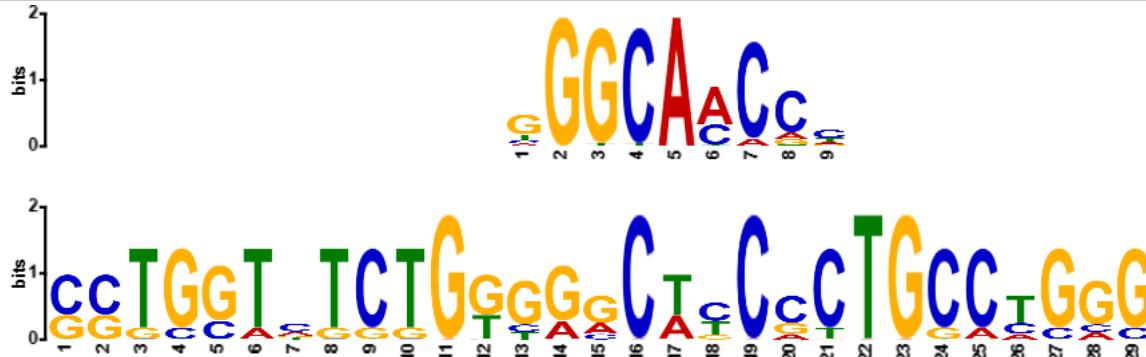
### Optimal Alignment



### Summary

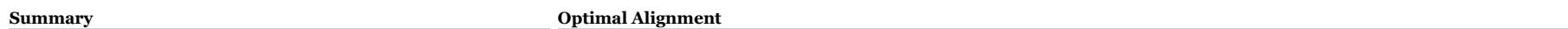
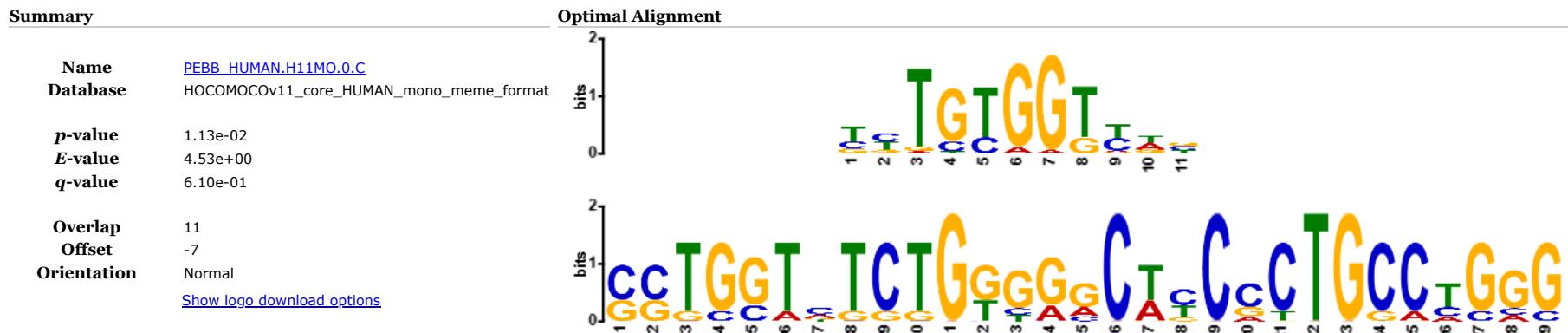
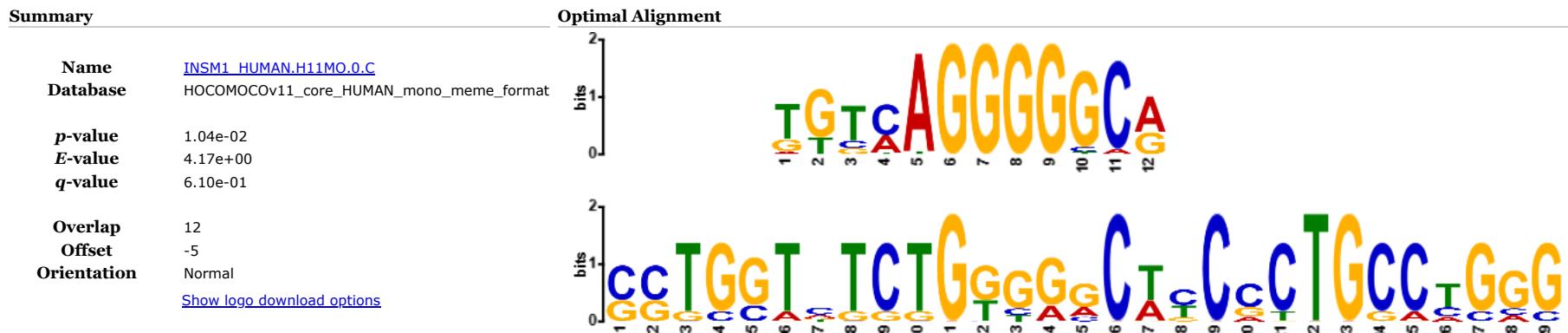
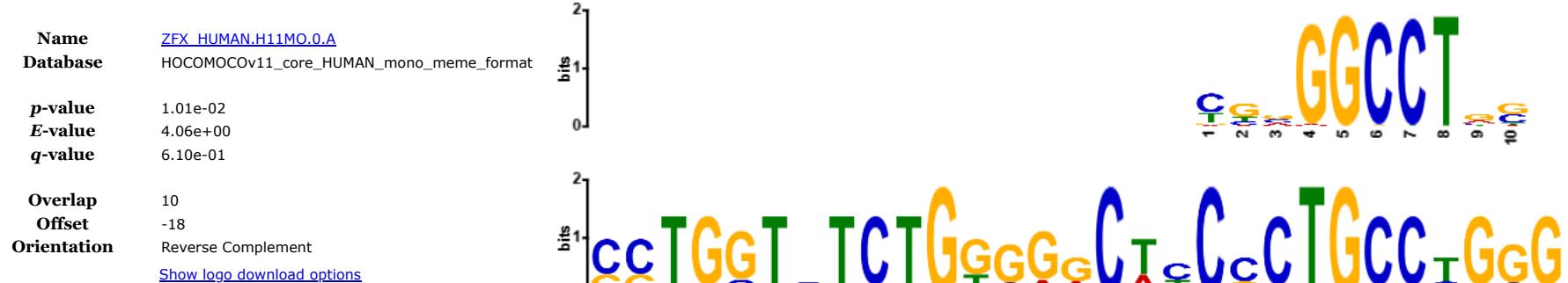
Name	<a href="#">HIC1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.26e-03
<i>E</i> -value	3.71e+00
<i>q</i> -value	6.10e-01
Overlap	9
Offset	-12
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

### Optimal Alignment

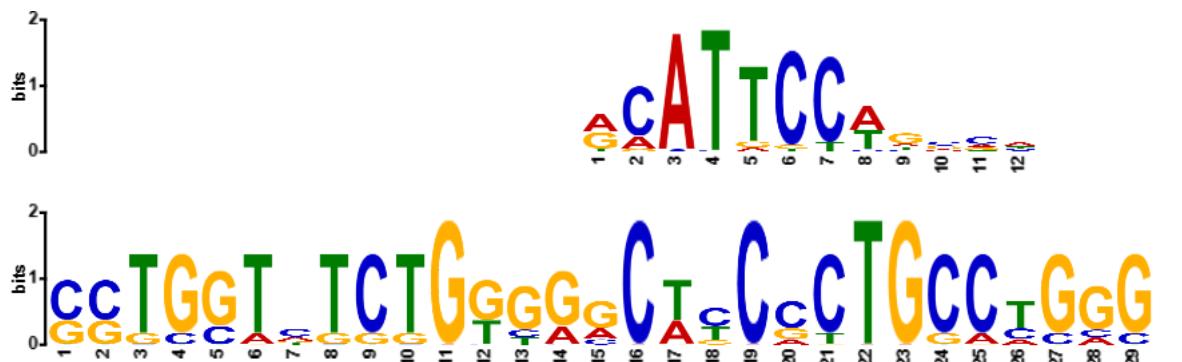


### Summary

### Optimal Alignment



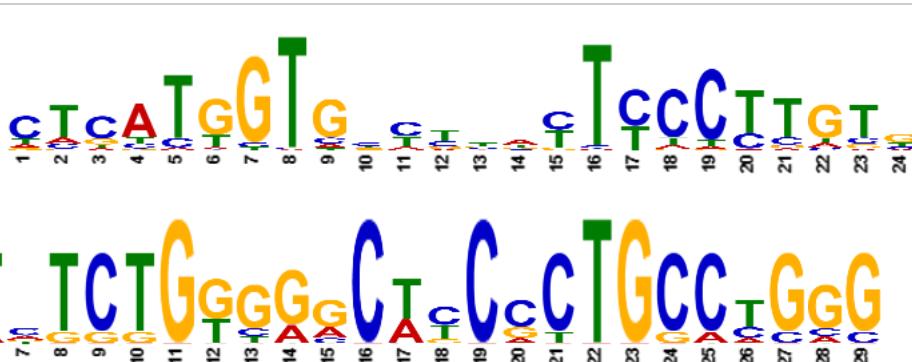
Name	<a href="#">TEAD1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.17e-02
<i>E</i> -value	4.71e+00
<i>q</i> -value	6.10e-01
Overlap	12
Offset	-14
Orientation	Normal
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### Summary

Name	<a href="#">ZNF41_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.22e-02
<i>E</i> -value	4.88e+00
<i>q</i> -value	6.10e-01
Overlap	23
Offset	-6
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

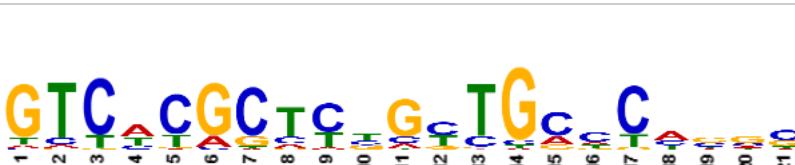
### Optimal Alignment



### Summary

Name	<a href="#">PAX5_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.22e-02
<i>E</i> -value	4.90e+00
<i>q</i> -value	6.10e-01
Overlap	21
Offset	-4
Orientation	Reverse Complement
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### Optimal Alignment



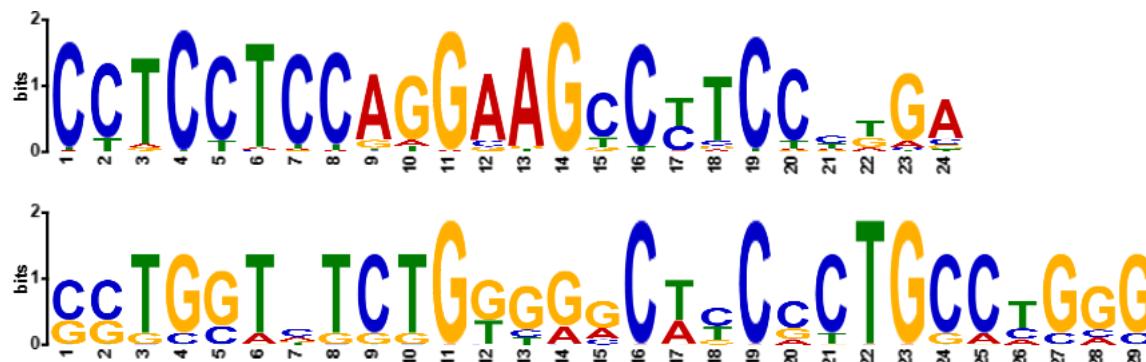
### 2



### Summary

### Optimal Alignment

Name	<a href="#">ZN436_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.61e-02
<i>E</i> -value	6.44e+00
<i>q</i> -value	7.24e-01
Overlap	24
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



### Summary

Name	<a href="#">ZN528_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.65e-02
<i>E</i> -value	6.62e+00
<i>q</i> -value	7.24e-01
Overlap	20
Offset	-9
Orientation	Reverse Complement
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### Optimal Alignment



### Summary

Name	<a href="#">ZN121_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.72e-02
<i>E</i> -value	6.91e+00
<i>q</i> -value	7.24e-01
Overlap	20
Offset	-3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

### Optimal Alignment



### Summary

### Optimal Alignment

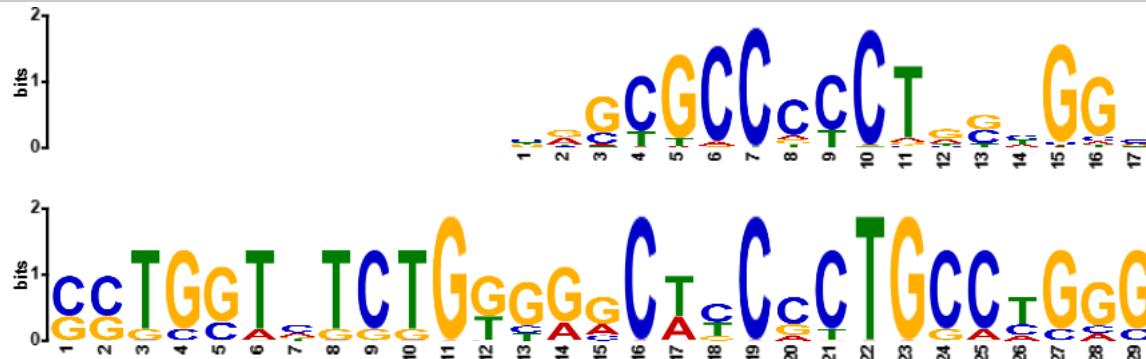
Name	<a href="#">P73_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.12e-02
<i>E</i> -value	8.51e+00
<i>q</i> -value	8.09e-01
Overlap	19
Offset	-3
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">CTCFL_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.14e-02
<i>E</i> -value	8.57e+00
<i>q</i> -value	8.09e-01
Overlap	17
Offset	-12
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

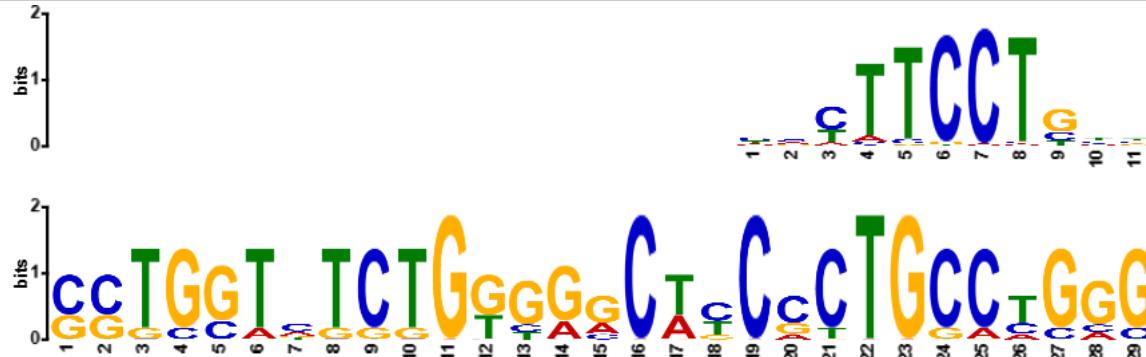
#### Optimal Alignment



#### Summary

Name	<a href="#">ETV4_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.23e-02
<i>E</i> -value	8.94e+00
<i>q</i> -value	8.09e-01
Overlap	11
Offset	-18
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

#### Optimal Alignment



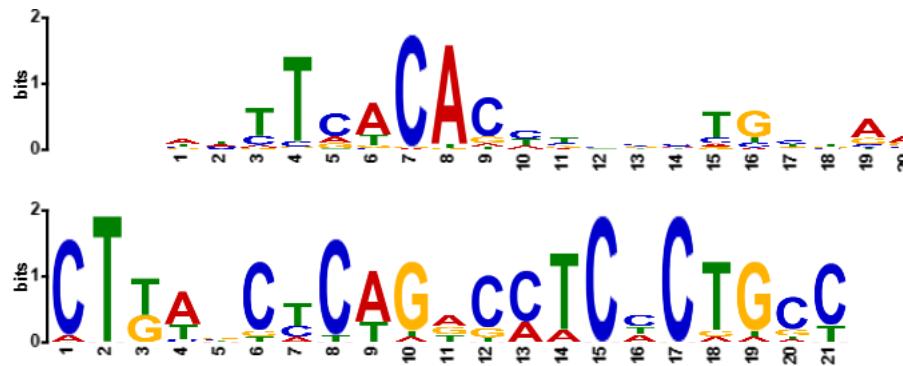
MATCHES TO CTKABCYCYAGDCCTCHCTGCC (MEME-17)

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#### Summary

#### Optimal Alignment

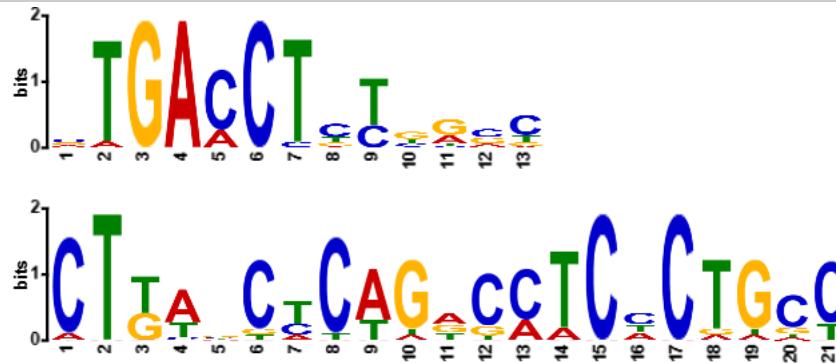
Name	<a href="#">BRAC_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.50e-04
<i>E</i> -value	2.20e-01
<i>q</i> -value	2.58e-01
Overlap	18
Offset	-3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">NR2C1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.56e-04
<i>E</i> -value	2.63e-01
<i>q</i> -value	2.58e-01
Overlap	13
Offset	0
Orientation	Reverse Complement
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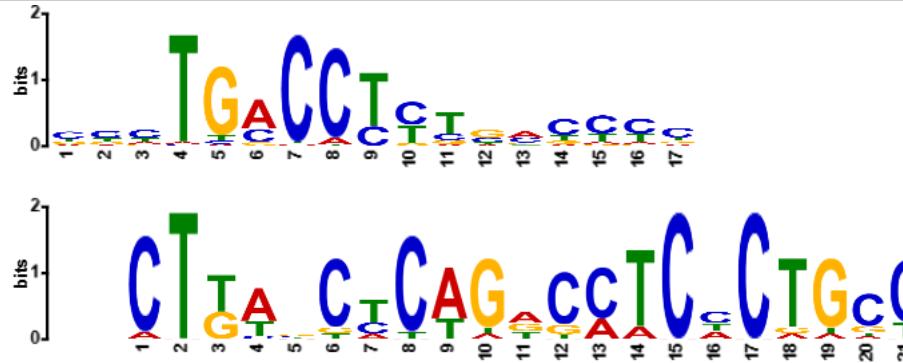
#### Optimal Alignment



#### Summary

Name	<a href="#">COT1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.24e-03
<i>E</i> -value	4.97e-01
<i>q</i> -value	3.25e-01
Overlap	15
Offset	2
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

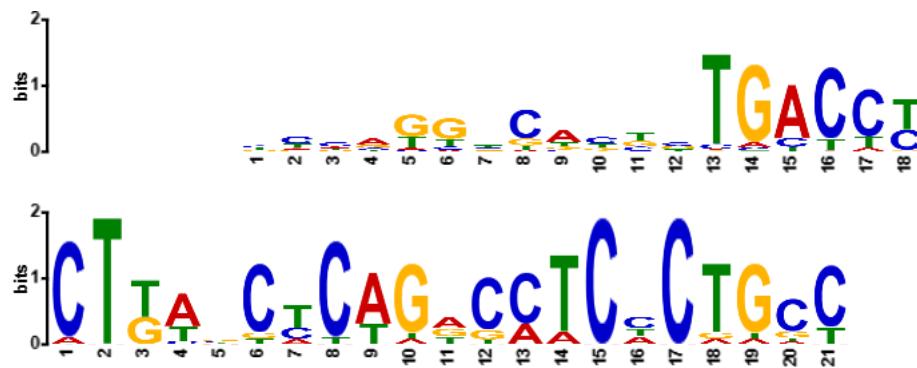
#### Optimal Alignment



#### Summary

#### Optimal Alignment

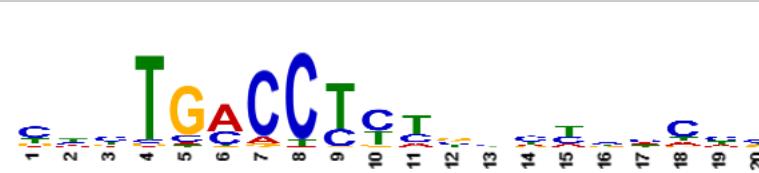
Name	<a href="#">RARG_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.74e-03
<i>E</i> -value	1.10e+00
<i>q</i> -value	4.79e-01
Overlap	16
Offset	-5
Orientation	Reverse Complement
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### Summary

Name	<a href="#">RXRA_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.05e-03
<i>E</i> -value	1.22e+00
<i>q</i> -value	4.79e-01
Overlap	16
Offset	-5
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

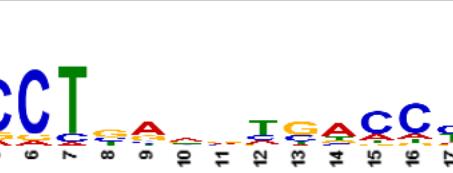
### Optimal Alignment



### Summary

Name	<a href="#">THA_HUMAN.H11MO.0.C</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	4.91e-01
Overlap	17
Offset	0
Orientation	Reverse Complement
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### Optimal Alignment



### Summary

### Optimal Alignment

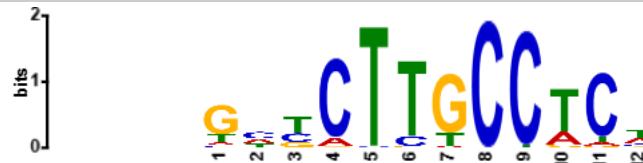
Name	<a href="#">AP2C_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.03e-03
<i>E</i> -value	2.02e+00
<i>q</i> -value	4.91e-01
Overlap	14
Offset	-1
Orientation	Reverse Complement
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## Summary

Name	<a href="#">ZN257_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.13e-03
<i>E</i> -value	2.46e+00
<i>q</i> -value	4.91e-01
Overlap	12
Offset	-4
Orientation	Normal
	<a href="#">Show logo download options</a>

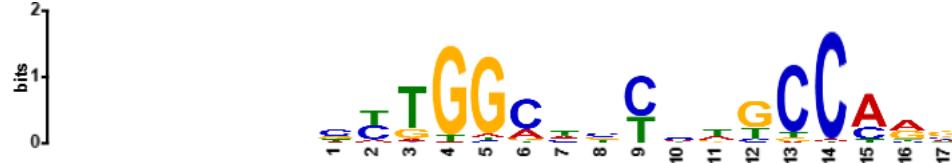
## Optimal Alignment



## Summary

Name	<a href="#">NFIC_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.34e-03
<i>E</i> -value	2.54e+00
<i>q</i> -value	4.91e-01
Overlap	14
Offset	-7
Orientation	Normal
	<a href="#">Show logo download options</a>

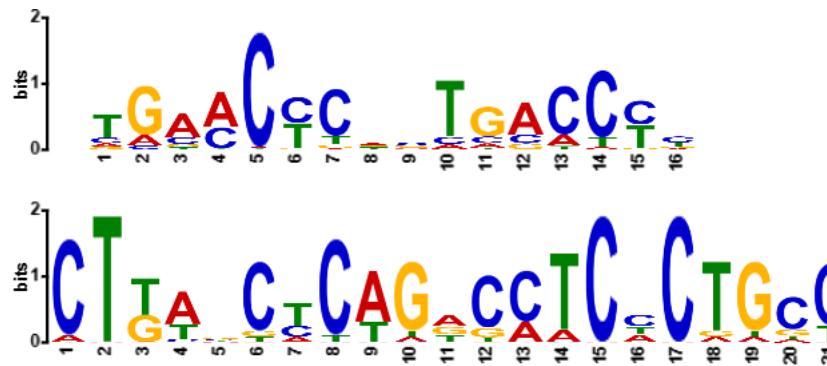
## Optimal Alignment



## Summary

## Optimal Alignment

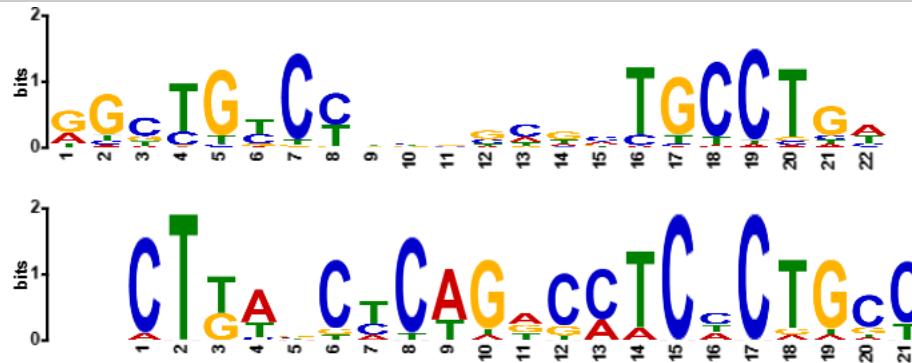
Name	<a href="#">VDR_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.09e-03
<i>E</i> -value	2.84e+00
<i>q</i> -value	4.91e-01
Overlap	16
Offset	-1
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">ZN335_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.06e-03
<i>E</i> -value	3.23e+00
<i>q</i> -value	4.91e-01
Overlap	20
Offset	2
Orientation	Normal
	<a href="#">Show logo download options</a>

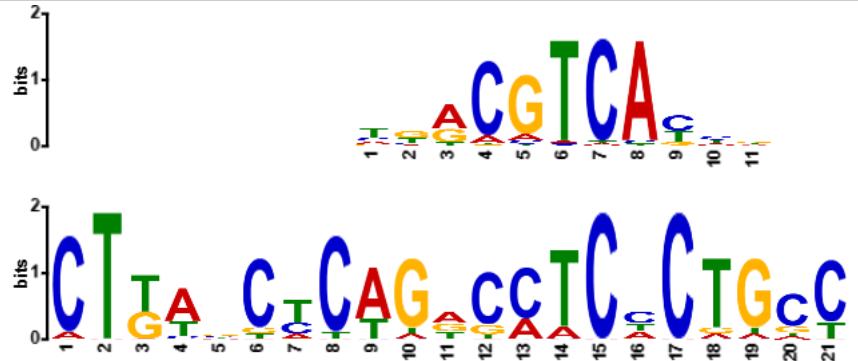
#### Optimal Alignment



#### Summary

Name	<a href="#">ATF1_HUMAN.H11MO.0.B</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	4.91e-01
Overlap	11
Offset	-8
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

#### Optimal Alignment



#### Summary

#### Optimal Alignment

Name [TBX21\\_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 8.68e-03

E-value 3.48e+00

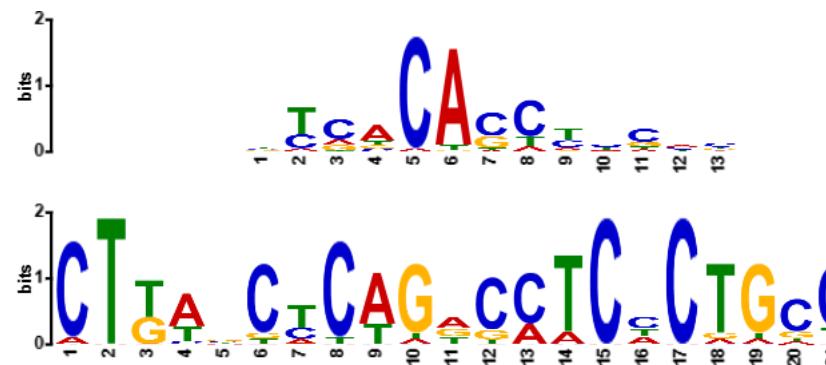
q-value 4.91e-01

Overlap 13

Offset -5

Orientation Reverse Complement

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### Summary

Name [TEAD1\\_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 9.48e-03

E-value 3.80e+00

q-value 4.91e-01

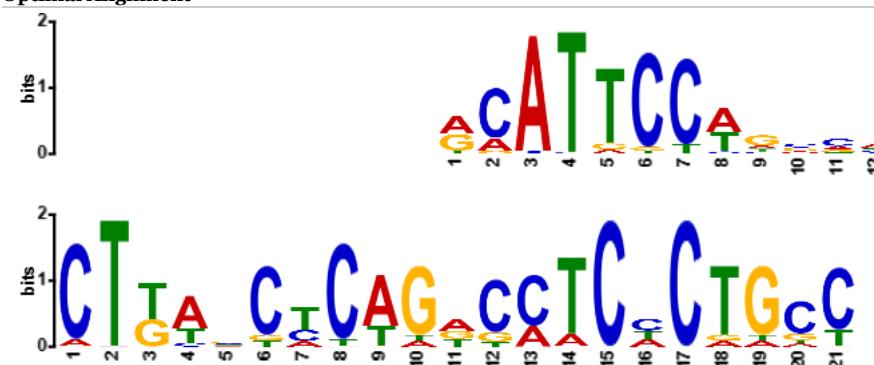
Overlap 11

Offset -10

Orientation Normal

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### Optimal Alignment



### Summary

Name [VEZF1\\_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 1.01e-02

E-value 4.03e+00

q-value 4.91e-01

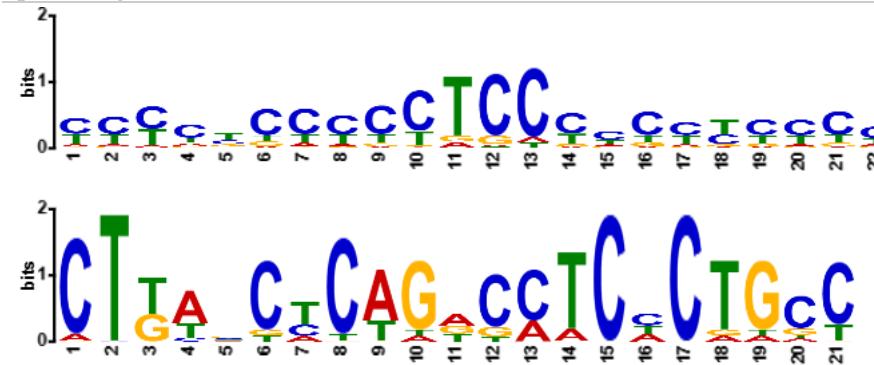
Overlap 21

Offset 0

Orientation Reverse Complement

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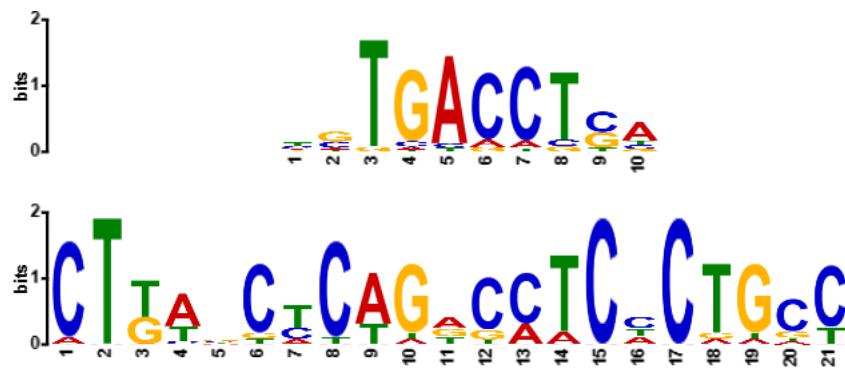
### Optimal Alignment



### Summary

### Optimal Alignment

Name	<a href="#">RXRB_HUMAN.H11MO.0.C</a>
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	4.91e-01
Overlap	10
Offset	-6
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">TBX3_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.08e-02
<i>E</i> -value	4.32e+00
<i>q</i> -value	4.91e-01
Overlap	11
Offset	-5
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

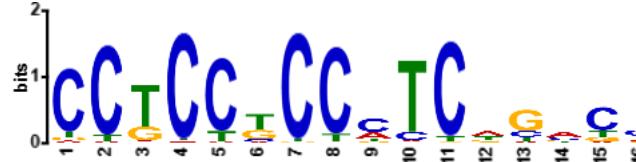
#### Optimal Alignment



#### Summary

Name	<a href="#">ZSC22_HUMAN.H11MO.0.C</a>
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	4.91e-01
Overlap	13
Offset	3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

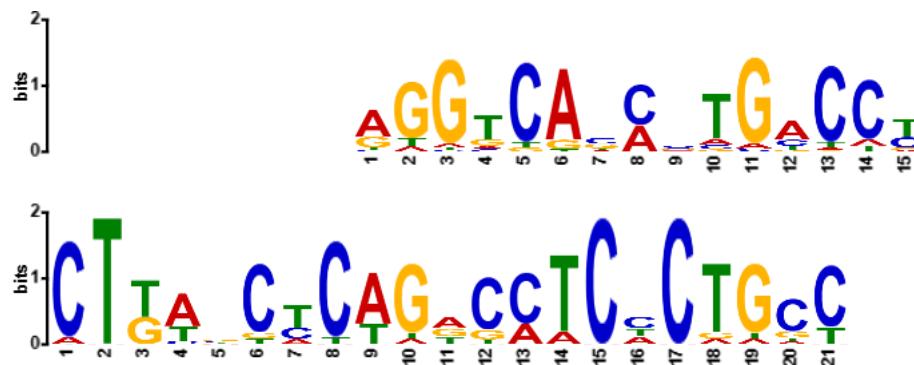
#### Optimal Alignment



#### Summary

#### Optimal Alignment

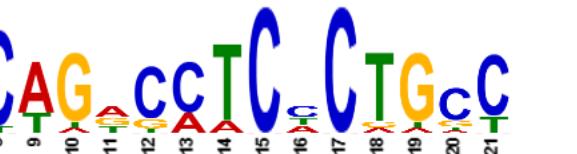
Name	<a href="#">ESR1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.45e-02
<i>E</i> -value	5.80e+00
<i>q</i> -value	5.80e-01
Overlap	13
Offset	-8
Orientation	Normal
<a href="#">Show logo download options</a>	



#### Summary

Name	<a href="#">ESR2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.52e-02
<i>E</i> -value	6.10e+00
<i>q</i> -value	5.80e-01
Overlap	13
Offset	-8
Orientation	Normal
<a href="#">Show logo download options</a>	

#### Optimal Alignment



#### Summary

Name	<a href="#">ZN341_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.55e-02
<i>E</i> -value	6.22e+00
<i>q</i> -value	5.80e-01
Overlap	21
Offset	1
Orientation	Reverse Complement
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#### Optimal Alignment

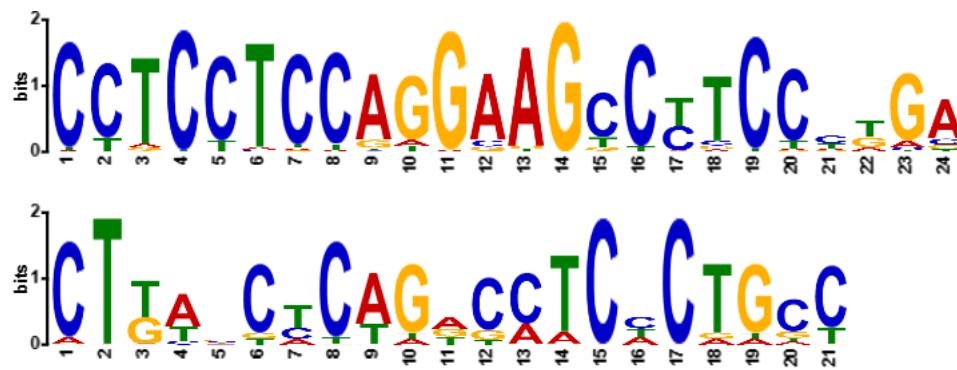


#### Summary

#### Optimal Alignment



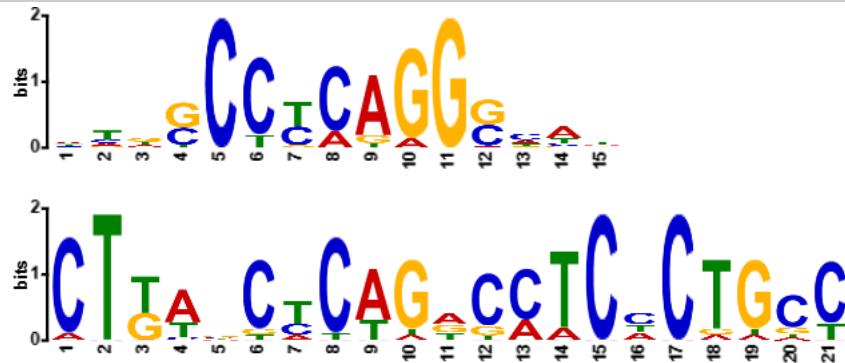
Name	<a href="#">ZN436_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.66e-02
<i>E</i> -value	6.67e+00
<i>q</i> -value	5.94e-01
Overlap	21
Offset	0
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">AP2A_HUMAN.H11MO.0.A</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	6.02e-01
Overlap	15
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

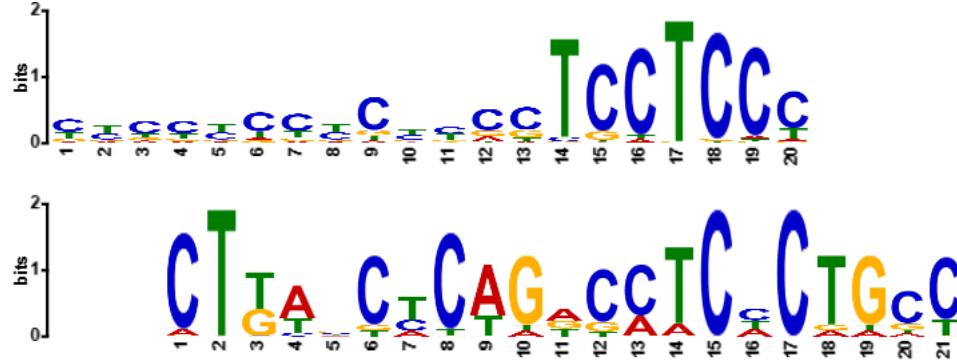
#### Optimal Alignment



#### Summary

Name	<a href="#">ZN263_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.93e-02
<i>E</i> -value	7.73e+00
<i>q</i> -value	6.02e-01
Overlap	17
Offset	3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

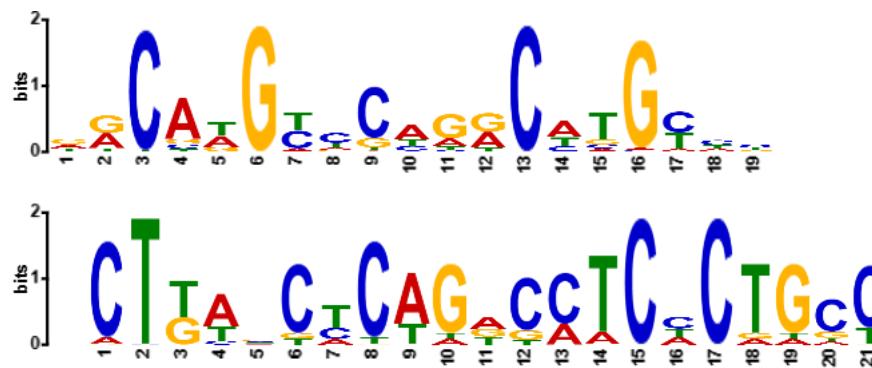
#### Optimal Alignment



#### Summary

#### Optimal Alignment

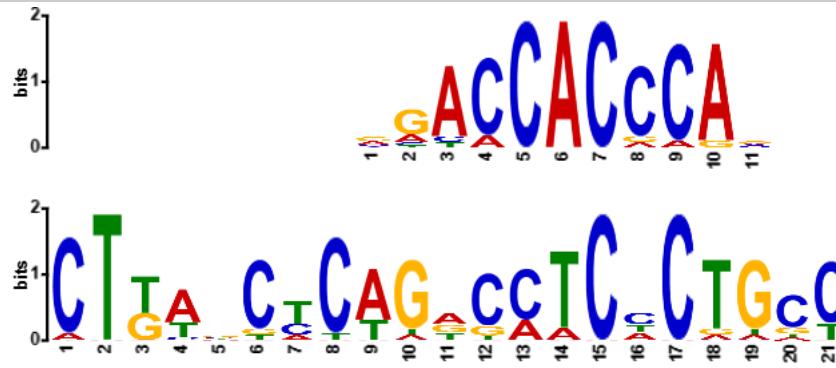
Name	<a href="#">P63_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.00e-02
<i>E</i> -value	8.02e+00
<i>q</i> -value	6.02e-01
Overlap	18
Offset	1
Orientation	Normal
<a href="#">Show logo download options</a>	



#### Summary

Name	<a href="#">GLI3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.01e-02
<i>E</i> -value	8.06e+00
<i>q</i> -value	6.02e-01
Overlap	11
Offset	-8
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

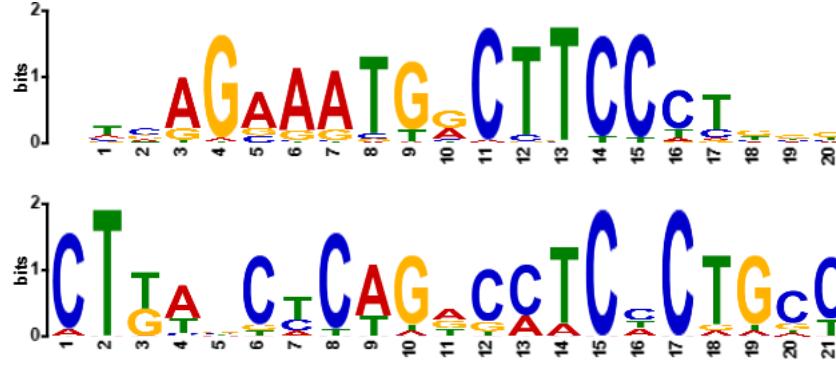
#### Optimal Alignment



#### Summary

Name	<a href="#">ZN528_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.10e-02
<i>E</i> -value	8.42e+00
<i>q</i> -value	6.02e-01
Overlap	20
Offset	-1
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

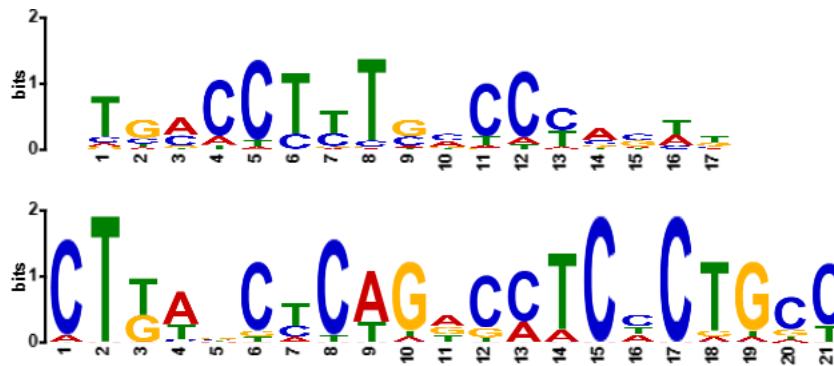
#### Optimal Alignment



#### Summary

#### Optimal Alignment

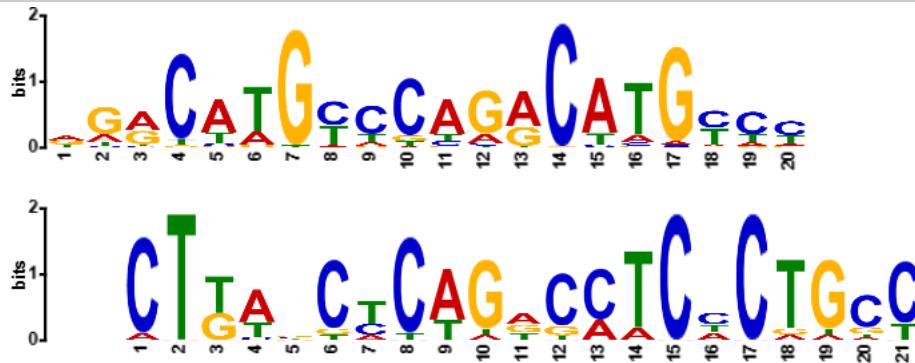
Name	<a href="#">PPARG_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.15e-02
<i>E</i> -value	8.61e+00
<i>q</i> -value	6.02e-01
Overlap	17
Offset	-1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">P53_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.29e-02
<i>E</i> -value	9.17e+00
<i>q</i> -value	6.08e-01
Overlap	18
Offset	2
Orientation	Normal
	<a href="#">Show logo download options</a>

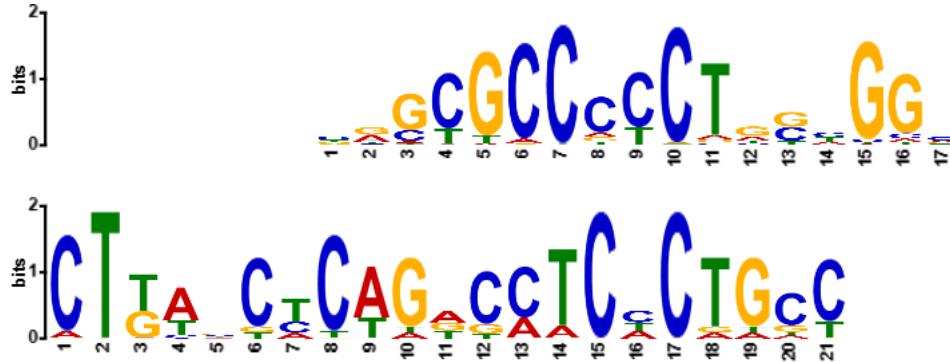
#### Optimal Alignment



#### Summary

Name	<a href="#">CTCFL_HUMAN.H11MO.0.A</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	6.08e-01
Overlap	14
Offset	-7
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

#### Optimal Alignment



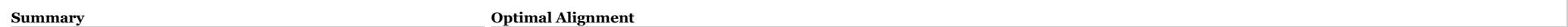
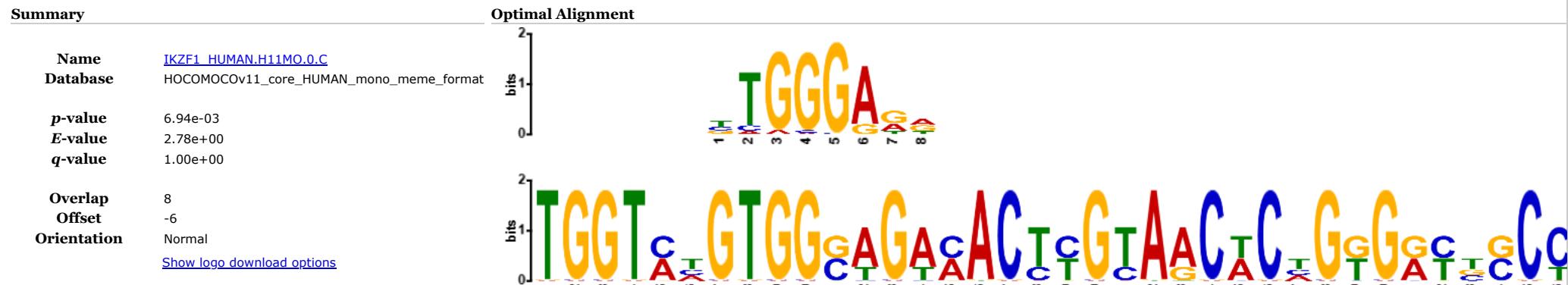
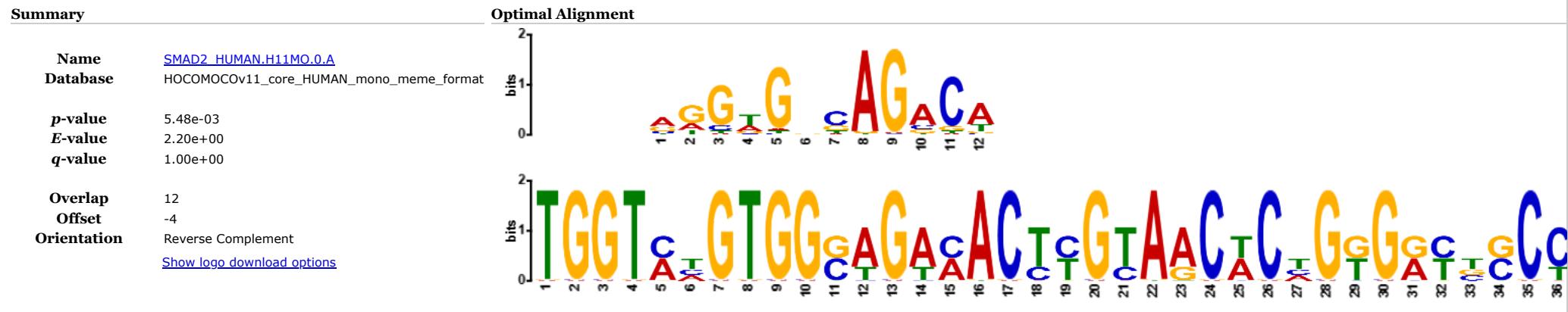
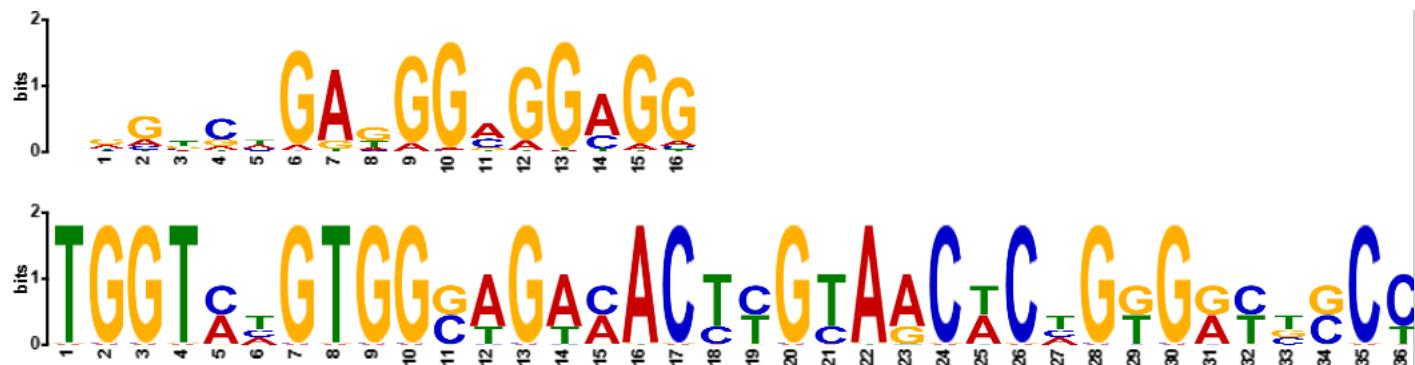
MATCHES TO TGGTMHGTGGSAGAMACTYGTAAWCWCHGKGRYBSCCSRGTYACGKYKTC (MEME-18)

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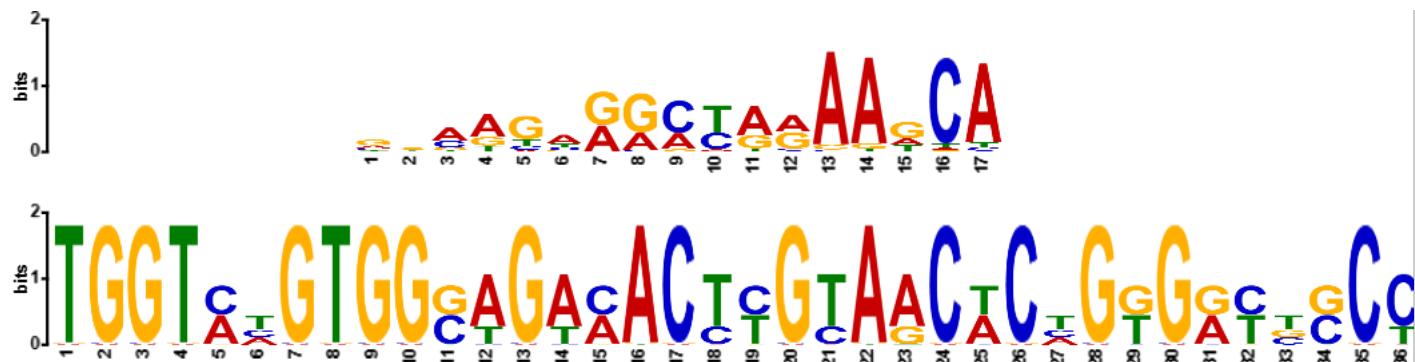
#### Summary

#### Optimal Alignment

Name	<a href="#">ZSC22_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.18e-03
<i>E</i> -value	1.28e+00
<i>q</i> -value	1.00e+00
Overlap	16
Offset	-1
Orientation	Normal
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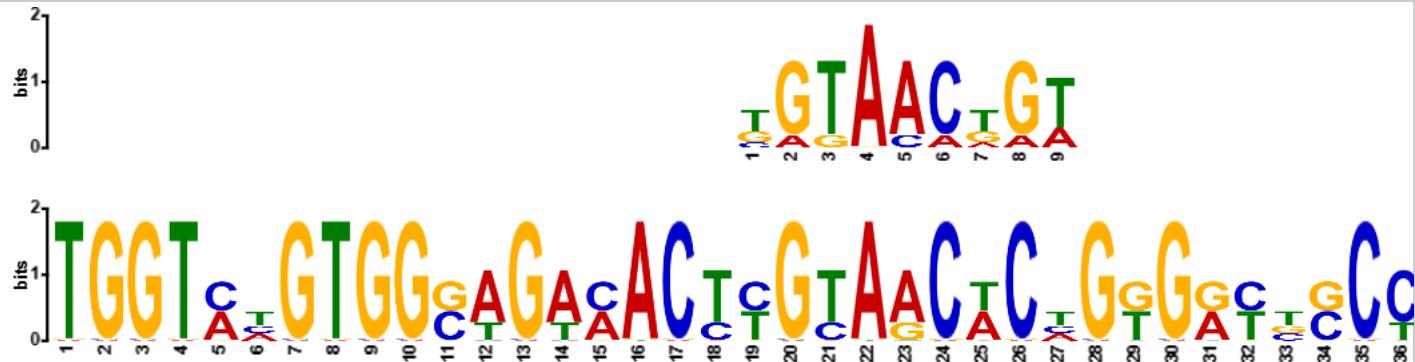
Name	<a href="#">ZN418_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.56e-02
<i>E</i> -value	6.25e+00
<i>q</i> -value	1.00e+00
Overlap	17
Offset	-8
Orientation	Reverse Complement
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## Summary

Name	<a href="#">OVOL1_HUMAN.H11MO.0.C</a>
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	1.00e+00
Overlap	9
Offset	-18
Orientation	Normal
<a href="#">Show logo download options</a>	

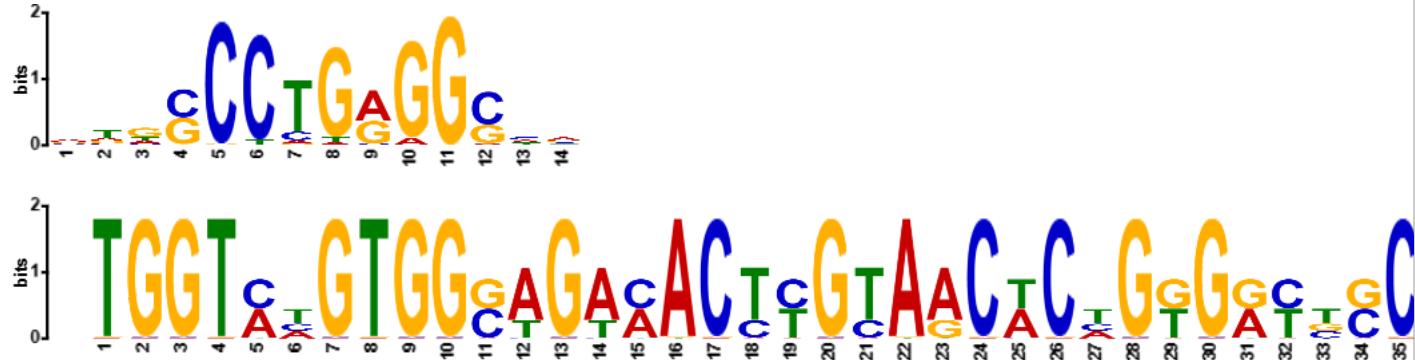
## Optimal Alignment



## Summary

Name	<a href="#">AP2C_HUMAN.H11MO.0.A</a>
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	1.00e+00
Overlap	13
Offset	1
Orientation	Normal
<a href="#">Show logo download options</a>	

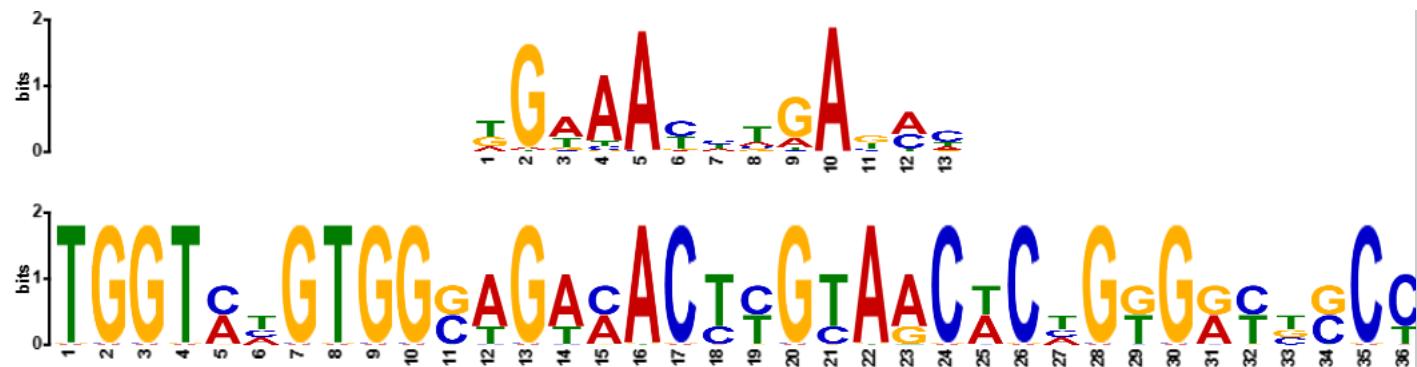
## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">SIX2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.43e-02
<i>E</i> -value	9.74e+00
<i>q</i> -value	1.00e+00
Overlap	13
Offset	-11
Orientation	Normal
<a href="#">Show logo download options</a>	



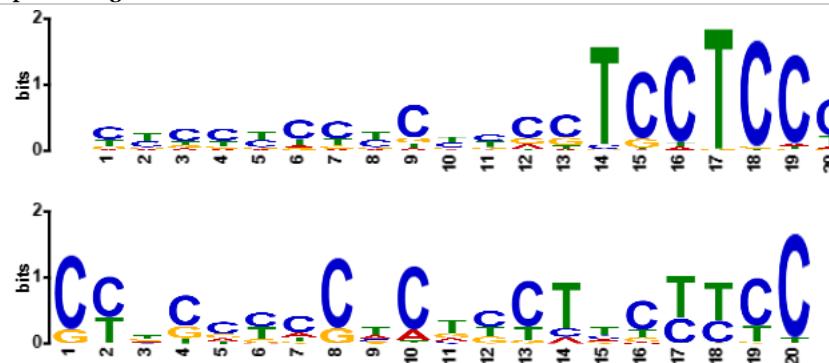
## MATCHES TO CYKCCYCCCTCTYCTTCYYCC (MEME-19)

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### Summary

Name	<a href="#">ZN263_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.55e-08
<i>E</i> -value	3.83e-05
<i>q</i> -value	7.22e-05
Overlap	19
Offset	-1
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

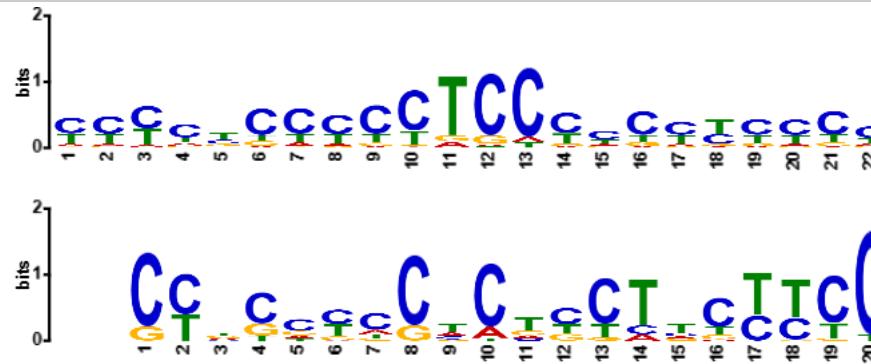
### Optimal Alignment



### Summary

Name	<a href="#">VEZF1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.16e-07
<i>E</i> -value	1.27e-04
<i>q</i> -value	1.19e-04
Overlap	20
Offset	2
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

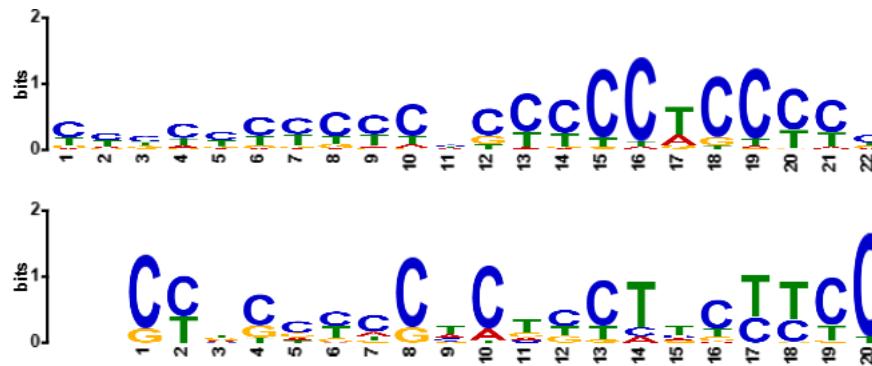
### Optimal Alignment



### Summary

### Optimal Alignment

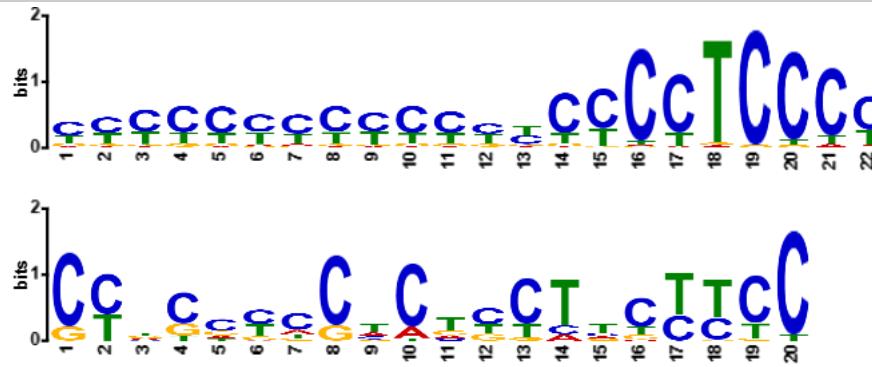
Name	<a href="#">MAZ_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.73e-06
<i>E</i> -value	6.92e-04
<i>q</i> -value	4.35e-04
Overlap	20
Offset	2
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">ZN467_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.68e-06
<i>E</i> -value	1.07e-03
<i>q</i> -value	5.05e-04
Overlap	20
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

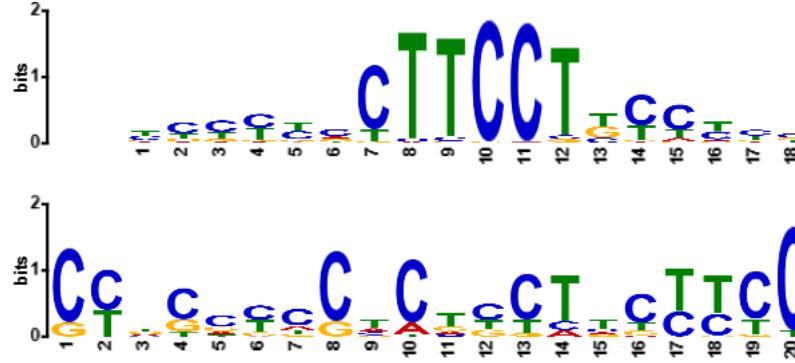
#### Optimal Alignment



#### Summary

Name	<a href="#">FLI1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.34e-06
<i>E</i> -value	1.34e-03
<i>q</i> -value	5.05e-04
Overlap	18
Offset	-2
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

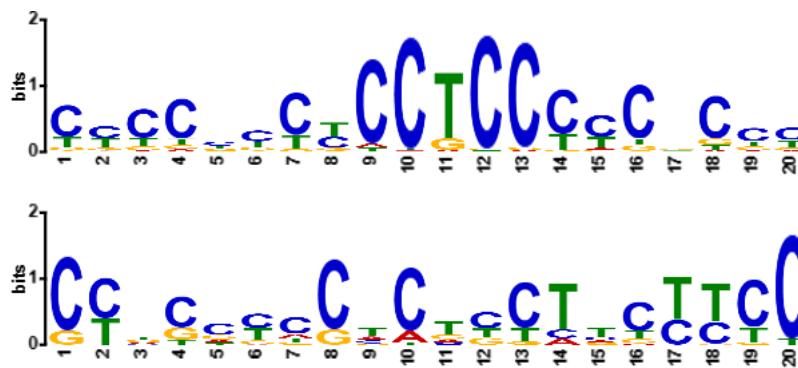
#### Optimal Alignment



#### Summary

#### Optimal Alignment

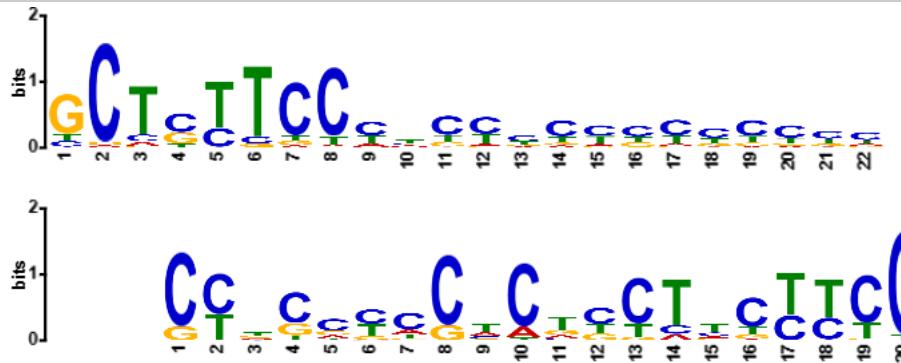
Name	<a href="#">WT1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.46e-06
<i>E</i> -value	2.59e-03
<i>q</i> -value	8.14e-04
Overlap	20
Offset	0
Orientation	Reverse Complement
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### Summary

Name	<a href="#">ZN341_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.73e-05
<i>E</i> -value	6.95e-03
<i>q</i> -value	1.87e-03
Overlap	19
Offset	3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

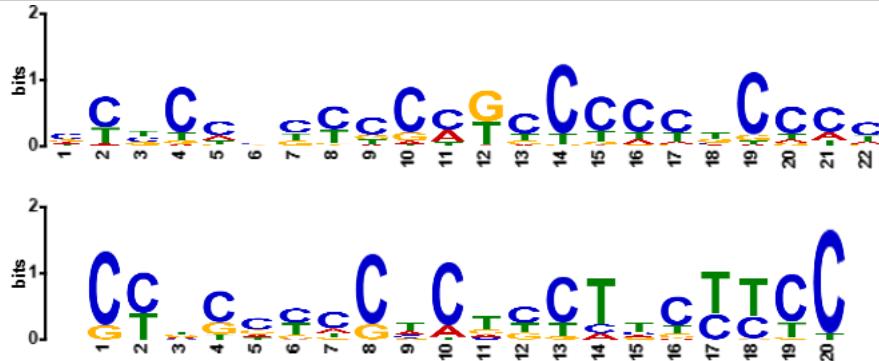
### Optimal Alignment



### Summary

Name	<a href="#">PATZ1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.54e-05
<i>E</i> -value	1.42e-02
<i>q</i> -value	3.34e-03
Overlap	20
Offset	1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

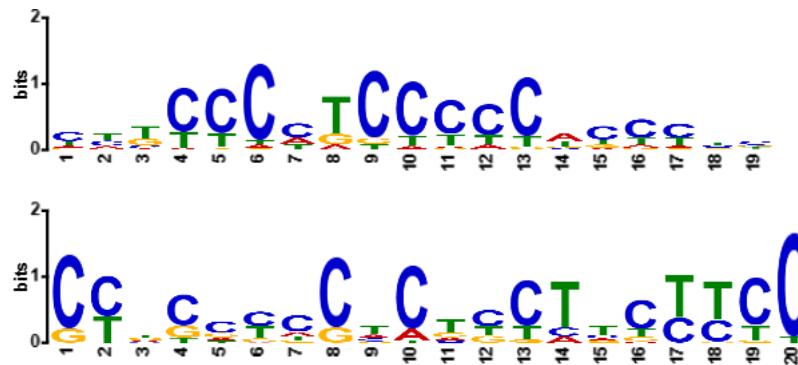
### Optimal Alignment



### Summary

### Optimal Alignment

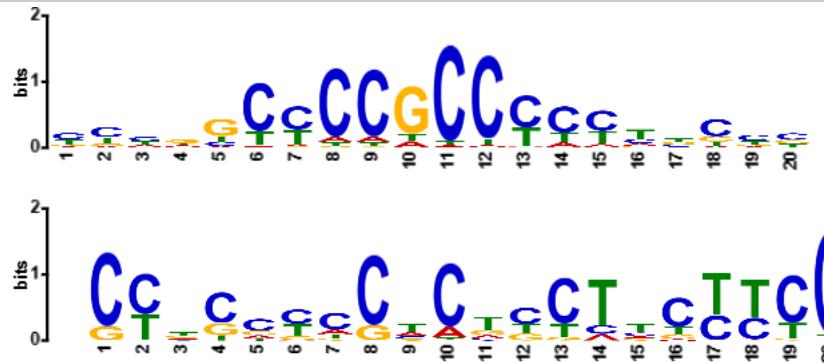
Name	<a href="#">ZBT17_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.13e-05
<i>E</i> -value	1.66e-02
<i>q</i> -value	3.47e-03
Overlap	19
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">SP4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.27e-05
<i>E</i> -value	3.31e-02
<i>q</i> -value	5.78e-03
Overlap	19
Offset	1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

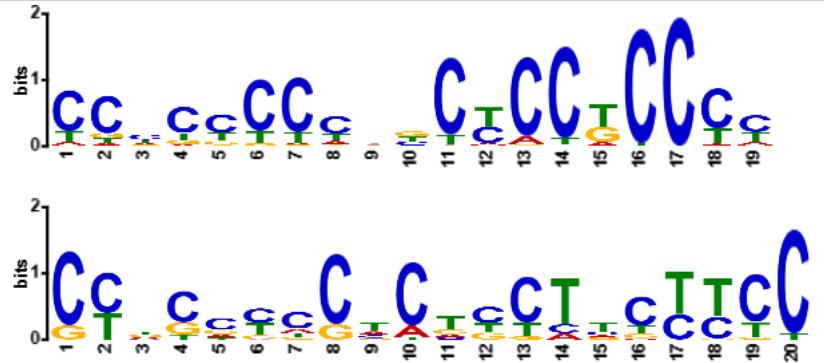
## Optimal Alignment



## Summary

Name	<a href="#">KLF15_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.40e-05
<i>E</i> -value	3.37e-02
<i>q</i> -value	5.78e-03
Overlap	19
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

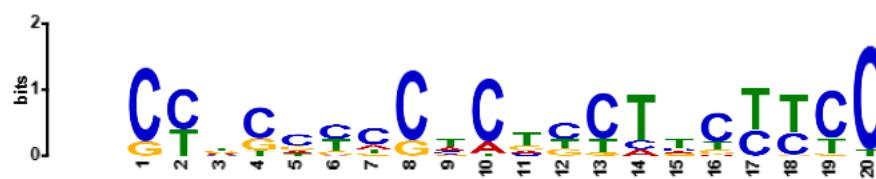
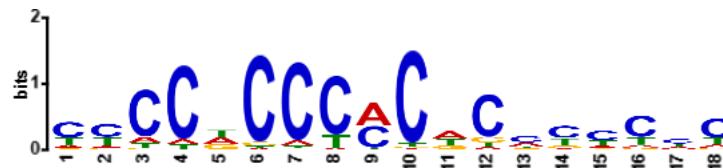
## Optimal Alignment



## Summary

## Optimal Alignment

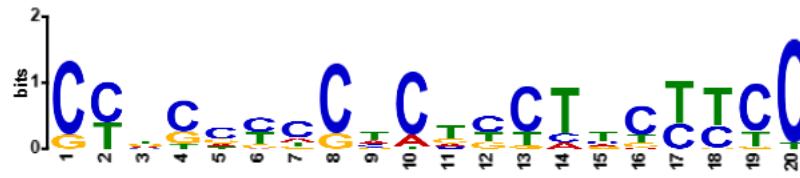
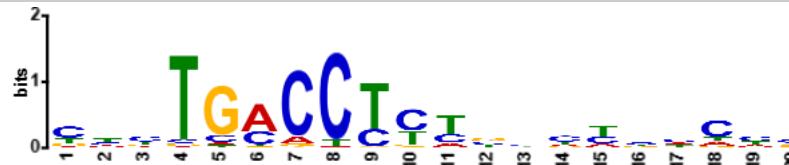
Name	<a href="#">EGR2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.08e-04
<i>E</i> -value	4.33e-02
<i>q</i> -value	6.80e-03
Overlap	16
Offset	2
Orientation	Reverse Complement
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## Summary

Name	<a href="#">RXRA_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.92e-04
<i>E</i> -value	7.68e-02
<i>q</i> -value	1.11e-02
Overlap	20
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

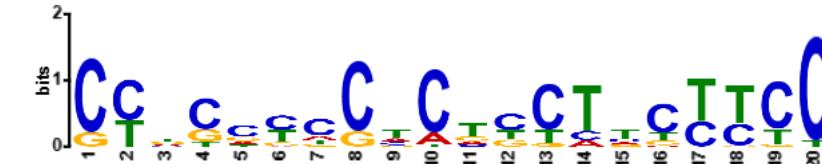
## Optimal Alignment



## Summary

Name	<a href="#">SP3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.87e-04
<i>E</i> -value	1.15e-01
<i>q</i> -value	1.55e-02
Overlap	20
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

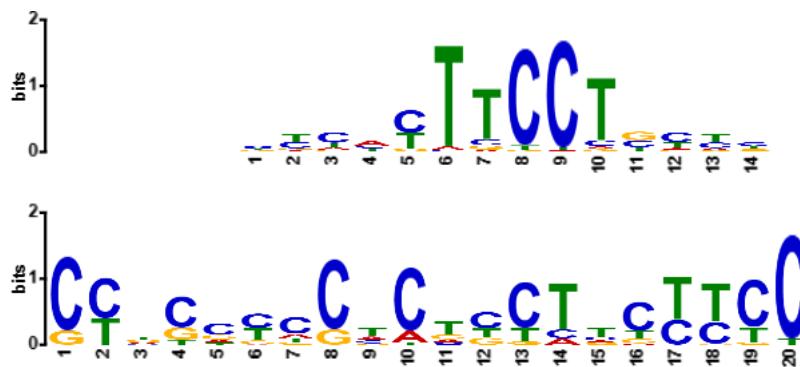
## Optimal Alignment



## Summary

## Optimal Alignment

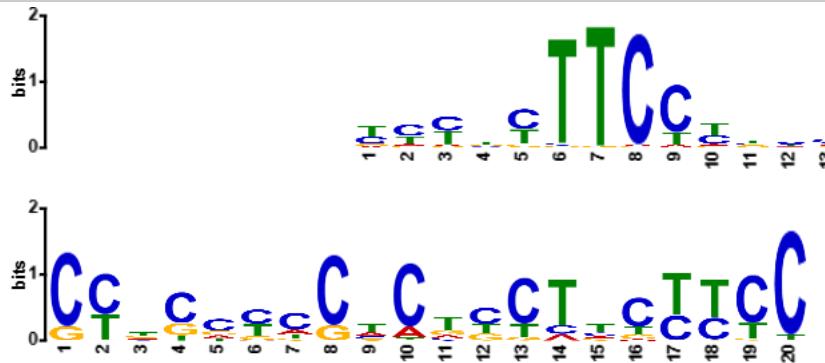
Name	<a href="#">ETV5_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.11e-04
<i>E</i> -value	1.25e-01
<i>q</i> -value	1.57e-02
Overlap	14
Offset	-5
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">ETS2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.14e-04
<i>E</i> -value	2.46e-01
<i>q</i> -value	2.85e-02
Overlap	12
Offset	-8
Orientation	Reverse Complement
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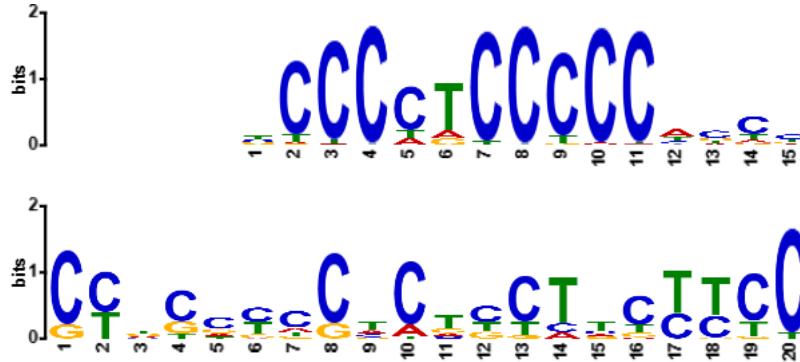
#### Optimal Alignment



#### Summary

Name	<a href="#">ZN281_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.42e-04
<i>E</i> -value	2.57e-01
<i>q</i> -value	2.85e-02
Overlap	15
Offset	-5
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

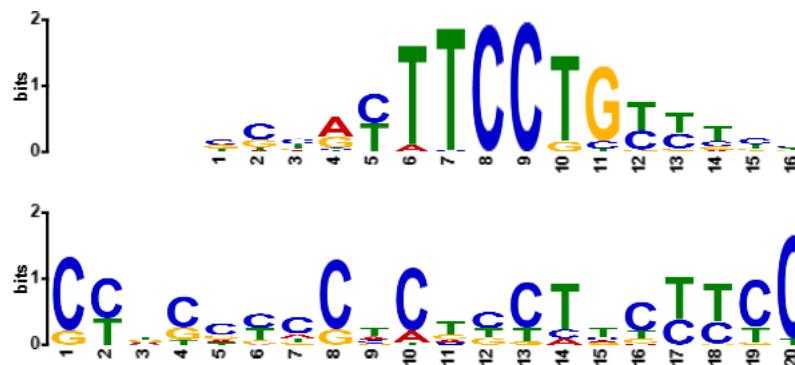
#### Optimal Alignment



#### Summary

#### Optimal Alignment

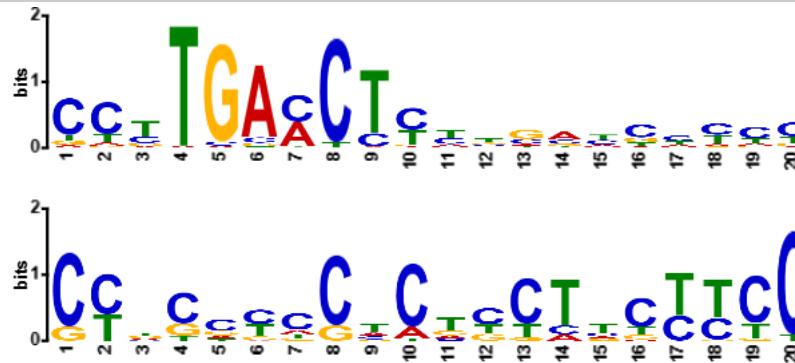
Name	<a href="#">ETV2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.91e-04
<i>E</i> -value	2.77e-01
<i>q</i> -value	2.90e-02
Overlap	16
Offset	-4
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">RARA_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.43e-04
<i>E</i> -value	2.98e-01
<i>q</i> -value	2.96e-02
Overlap	20
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

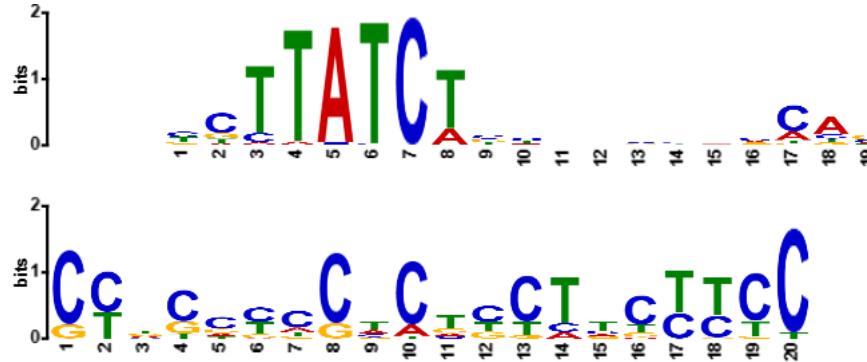
#### Optimal Alignment



#### Summary

Name	<a href="#">GATA2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.49e-04
<i>E</i> -value	3.40e-01
<i>q</i> -value	3.21e-02
Overlap	17
Offset	-3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

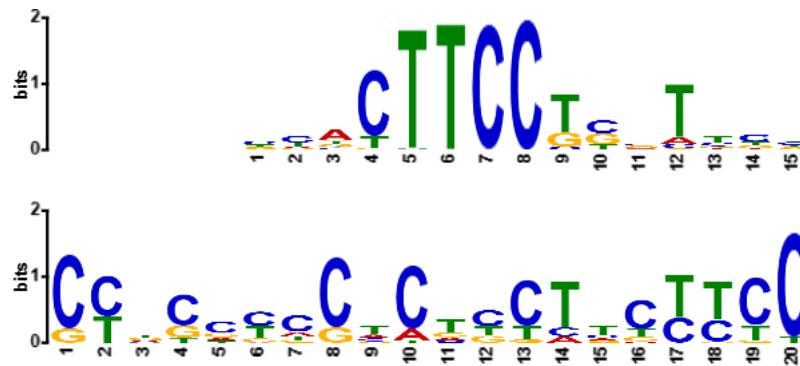
#### Optimal Alignment



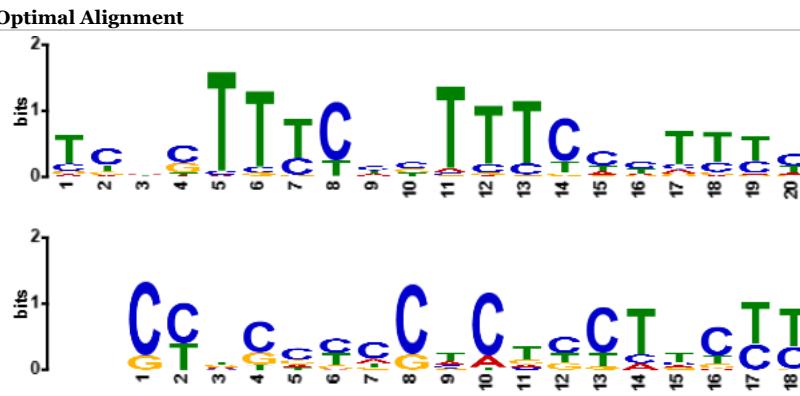
#### Summary

#### Optimal Alignment

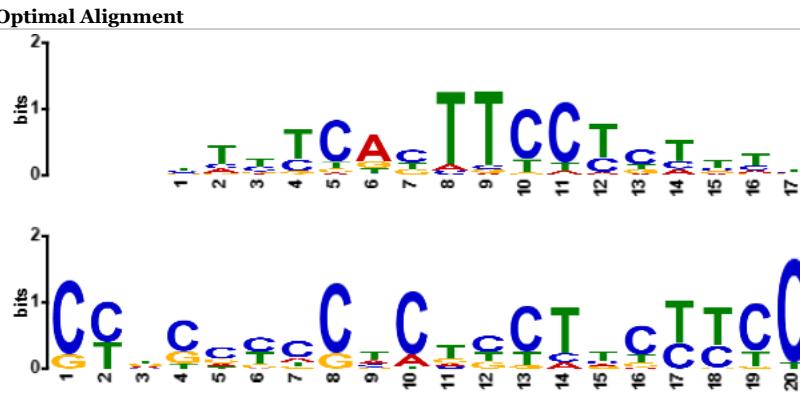
Name	<a href="#">ELF5_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.28e-03
<i>E</i> -value	5.12e-01
<i>q</i> -value	4.59e-02
Overlap	15
Offset	-5
Orientation	Reverse Complement
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Summary	
Name	<a href="#">IRF3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.34e-03
<i>E</i> -value	5.37e-01
<i>q</i> -value	4.60e-02
Overlap	18
Offset	2
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

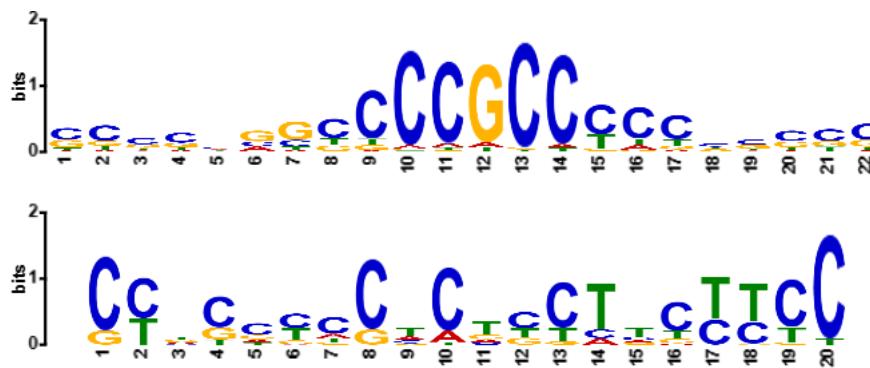


Summary	
Name	<a href="#">BC11A_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.54e-03
<i>E</i> -value	6.18e-01
<i>q</i> -value	4.90e-02
Overlap	17
Offset	-3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



Summary	
	<a href="#">Optimal Alignment</a>

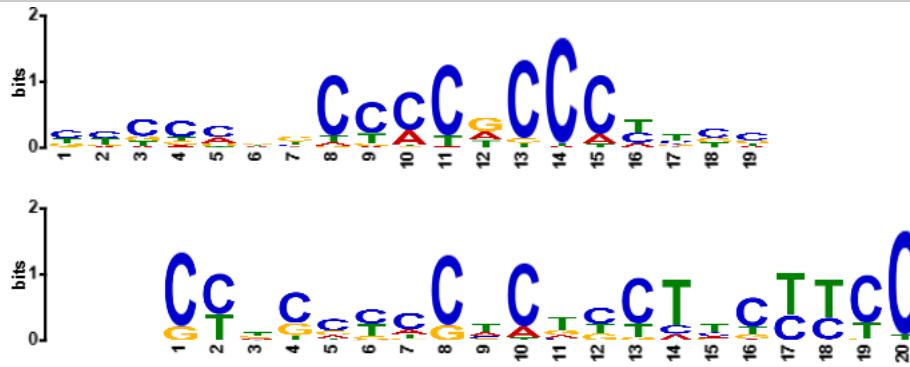
Name	<a href="#">SP2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.56e-03
<i>E</i> -value	6.24e-01
<i>q</i> -value	4.90e-02
Overlap	20
Offset	1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">KLF6_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.72e-03
<i>E</i> -value	6.89e-01
<i>q</i> -value	5.05e-02
Overlap	16
Offset	3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

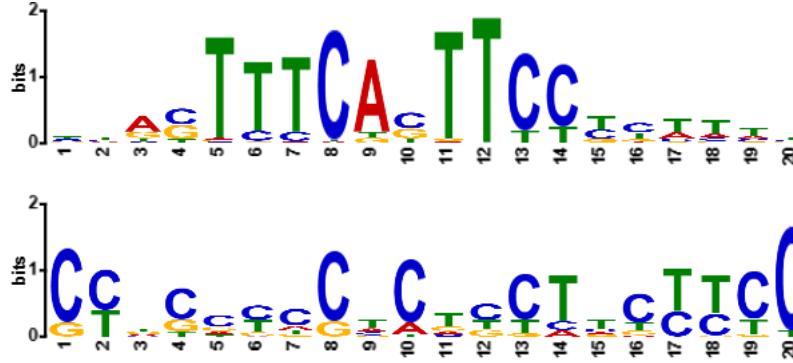
#### Optimal Alignment



#### Summary

Name	<a href="#">IRF8_HUMAN.H11MO.0.B</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	5.05e-02
Overlap	20
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

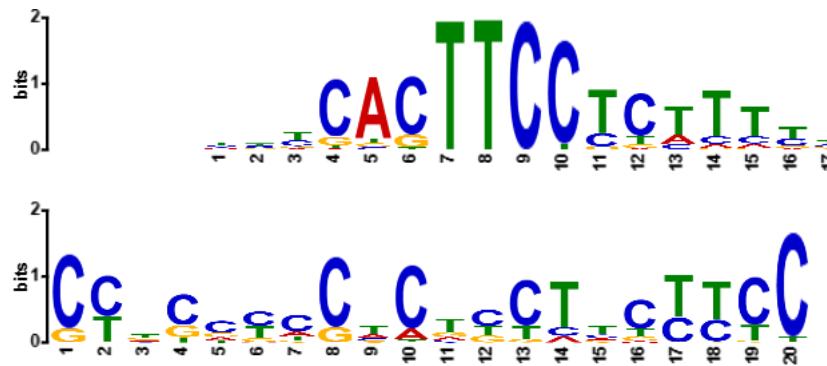
#### Optimal Alignment



#### Summary

#### Optimal Alignment

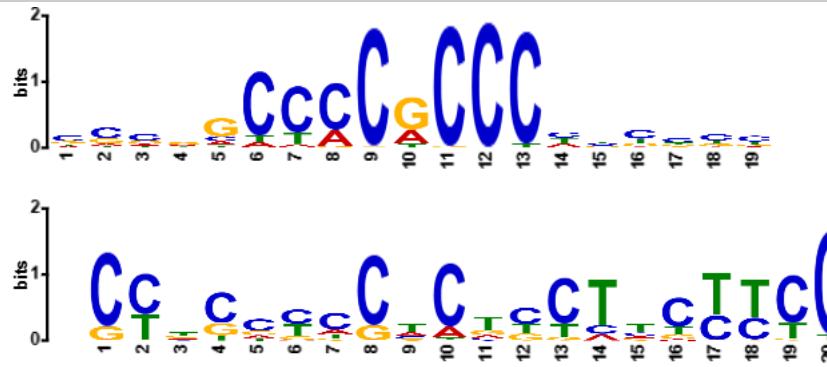
Name	<a href="#">SPI1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.82e-03
<i>E</i> -value	7.31e-01
<i>q</i> -value	5.10e-02
Overlap	16
Offset	-4
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">KLF3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.91e-03
<i>E</i> -value	7.65e-01
<i>q</i> -value	5.15e-02
Overlap	18
Offset	1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

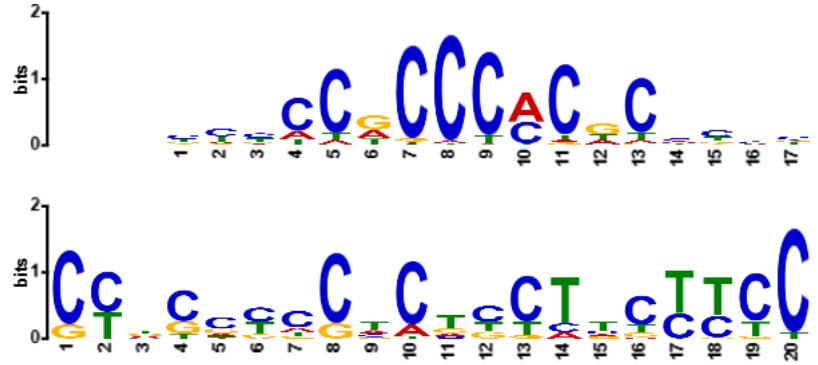
#### Optimal Alignment



#### Summary

Name	<a href="#">EGR1_HUMAN.H11MO.0.A</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	5.30e-02
Overlap	17
Offset	-3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

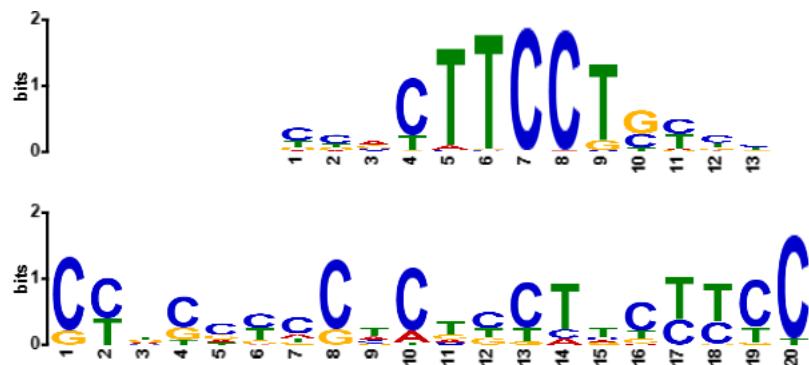
#### Optimal Alignment



#### Summary

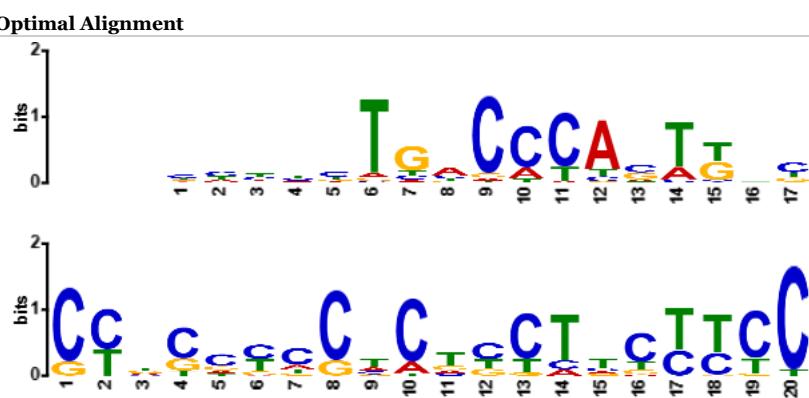
#### Optimal Alignment

Name	<a href="#">ERG_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.01e-03
<i>E</i> -value	1.21e+00
<i>q</i> -value	7.42e-02
Overlap	13
Offset	-6
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



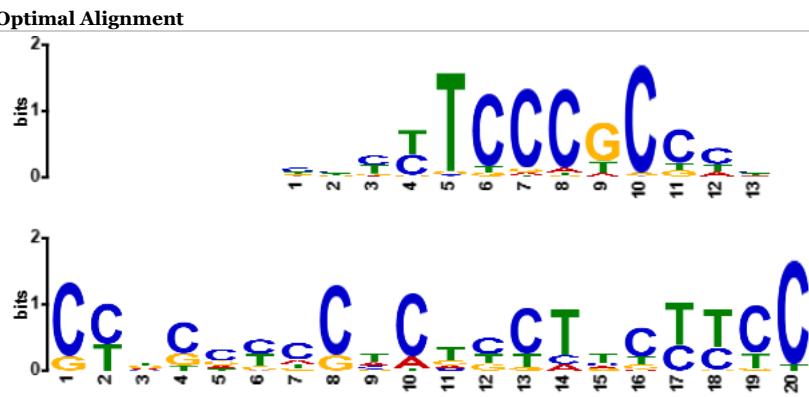
#### Summary

Name	<a href="#">NR1D1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.04e-03
<i>E</i> -value	1.22e+00
<i>q</i> -value	7.42e-02
Overlap	17
Offset	-3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

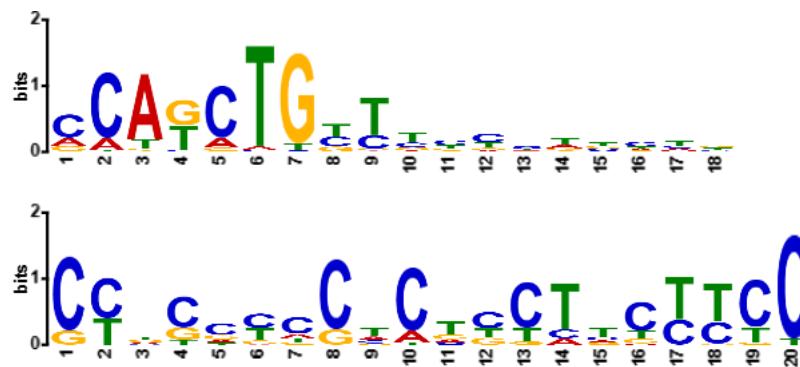
Name	<a href="#">E2F6_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.86e-03
<i>E</i> -value	1.55e+00
<i>q</i> -value	9.12e-02
Overlap	13
Offset	-6
Orientation	Reverse Complement
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#### Summary

#### Optimal Alignment

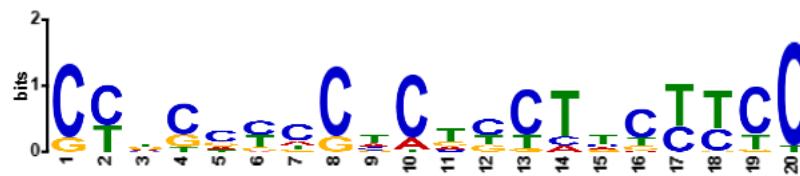
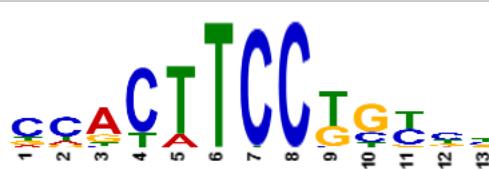
Name	<a href="#">OLTG2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.06e-03
<i>E</i> -value	1.63e+00
<i>q</i> -value	9.30e-02
Overlap	18
Offset	0
Orientation	Normal
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## Summary

Name	<a href="#">ETS1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.36e-03
<i>E</i> -value	1.75e+00
<i>q</i> -value	9.69e-02
Overlap	13
Offset	-6
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

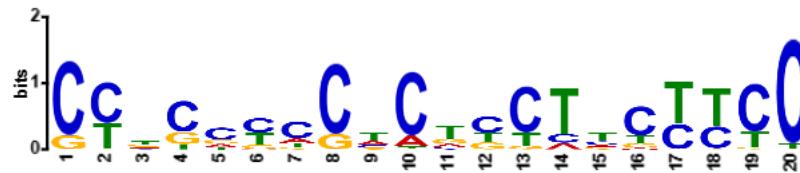
## Optimal Alignment



## Summary

Name	<a href="#">SPIB_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.54e-03
<i>E</i> -value	1.82e+00
<i>q</i> -value	9.81e-02
Overlap	16
Offset	-4
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

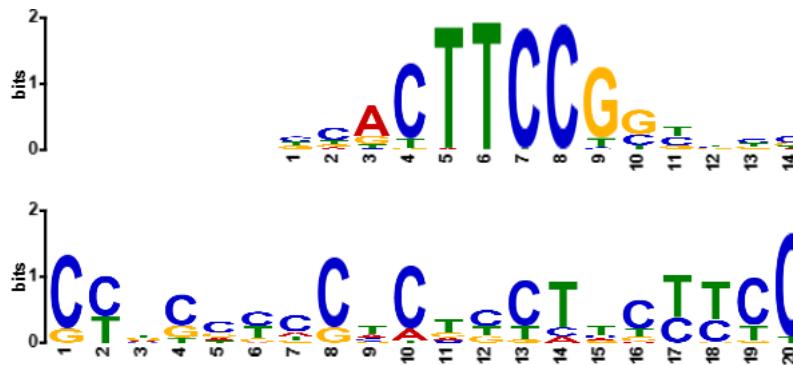
## Optimal Alignment



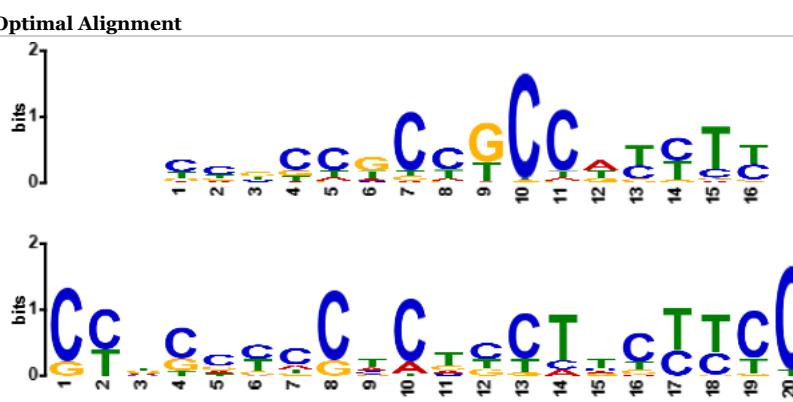
## Summary

## Optimal Alignment

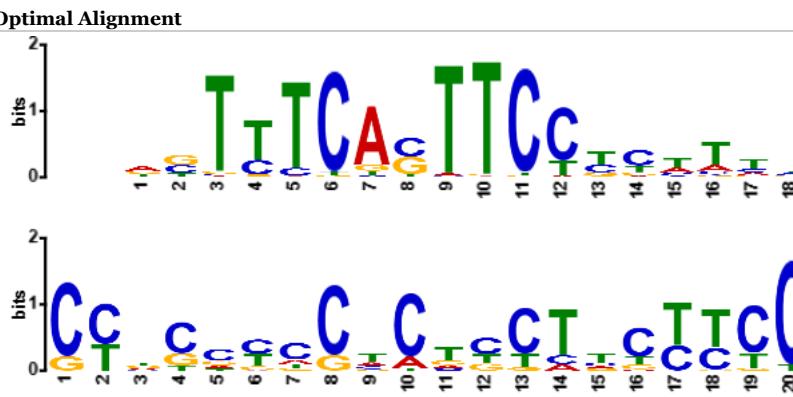
Name	<a href="#">GABPA_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.77e-03
<i>E</i> -value	1.91e+00
<i>q</i> -value	9.86e-02
Overlap	14
Offset	-6
Orientation	Reverse Complement
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Summary	
Name	<a href="#">TAF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.83e-03
<i>E</i> -value	1.94e+00
<i>q</i> -value	9.86e-02
Overlap	16
Offset	-3
Orientation	Reverse Complement
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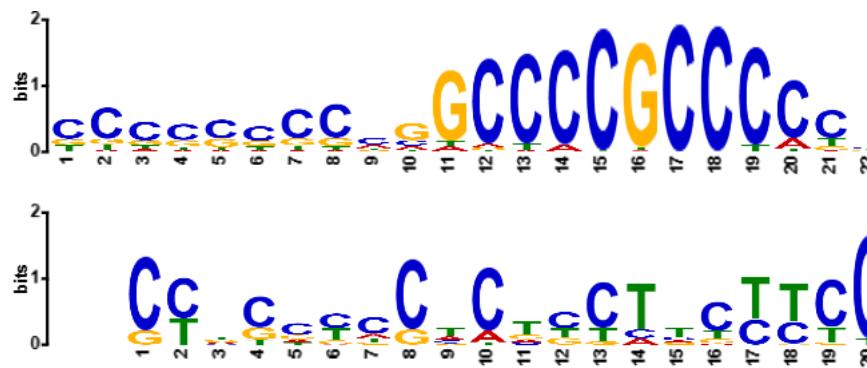
Summary	
Name	<a href="#">IRF4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.24e-03
<i>E</i> -value	2.10e+00
<i>q</i> -value	1.04e-01
Overlap	18
Offset	-2
Orientation	Reverse Complement
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Summary	
Name	<a href="#">GABPA_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.77e-03
<i>E</i> -value	1.91e+00
<i>q</i> -value	9.86e-02
Overlap	14
Offset	-6
Orientation	Reverse Complement
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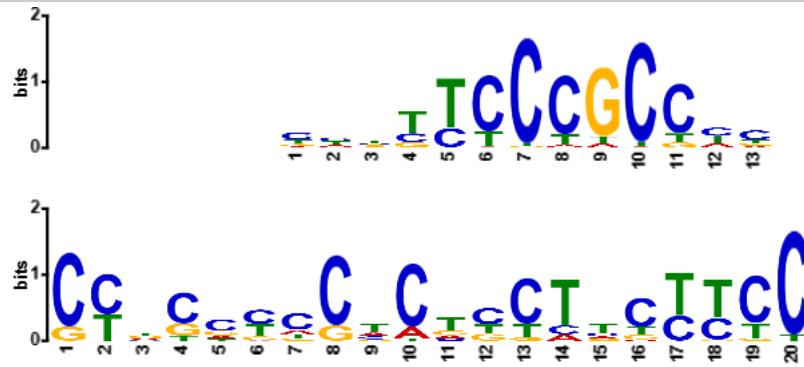
Name	<a href="#">SP1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.35e-03
<i>E</i> -value	2.15e+00
<i>q</i> -value	1.04e-01
Overlap	20
Offset	2
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">E2F7_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.54e-03
<i>E</i> -value	2.22e+00
<i>q</i> -value	1.05e-01
Overlap	13
Offset	-6
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

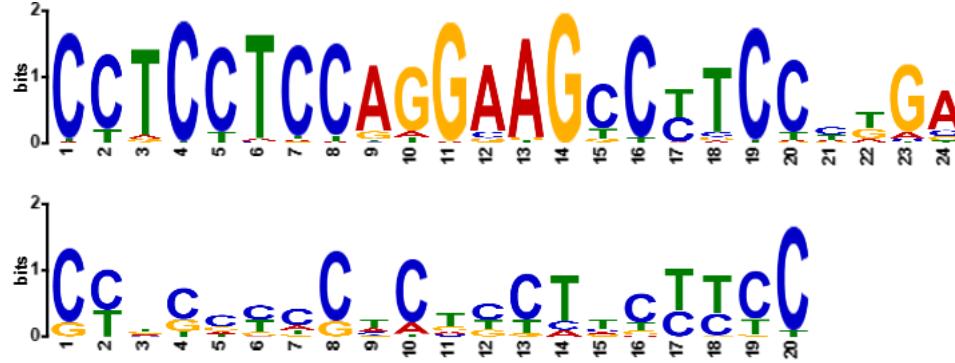
#### Optimal Alignment



#### Summary

Name	<a href="#">ZN436_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.01e-03
<i>E</i> -value	2.81e+00
<i>q</i> -value	1.29e-01
Overlap	20
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

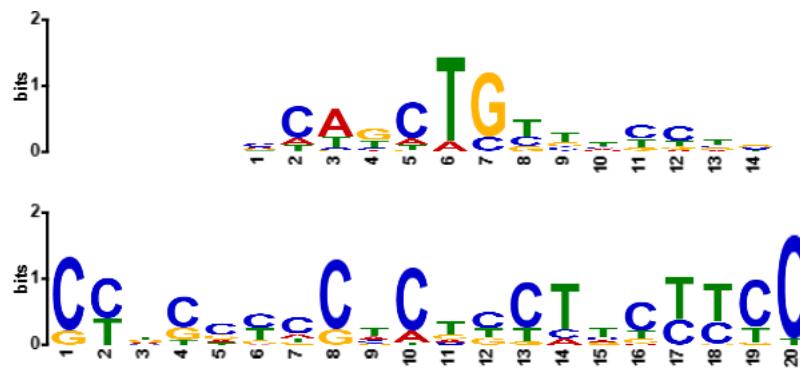
#### Optimal Alignment



#### Summary

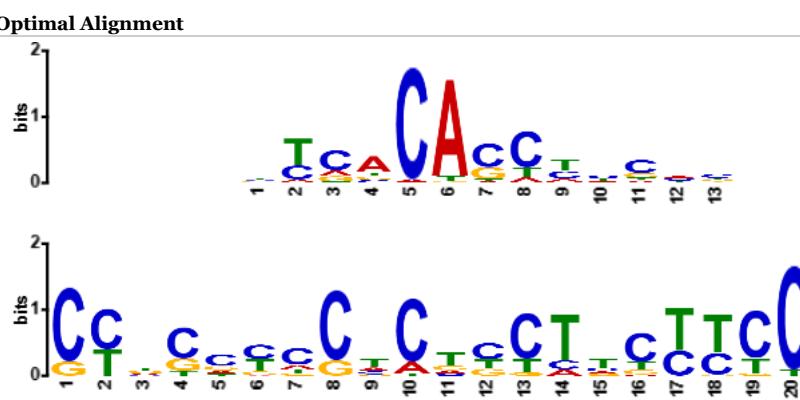
#### Optimal Alignment

Name	<a href="#">LYL1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.49e-03
<i>E</i> -value	3.00e+00
<i>q</i> -value	1.35e-01
Overlap	14
Offset	-5
Orientation	Normal
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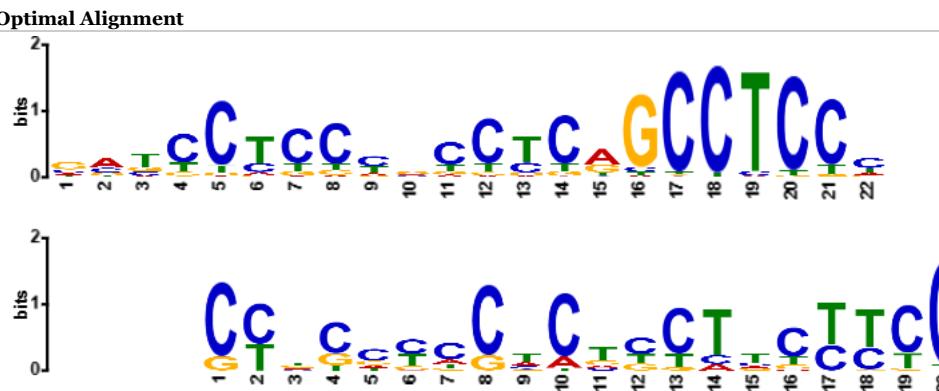
### Summary

Name	<a href="#">TBX21_HUMAN.H11MO.0.A</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	1.47e-01
Overlap	13
Offset	-5
Orientation	Reverse Complement
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### Summary

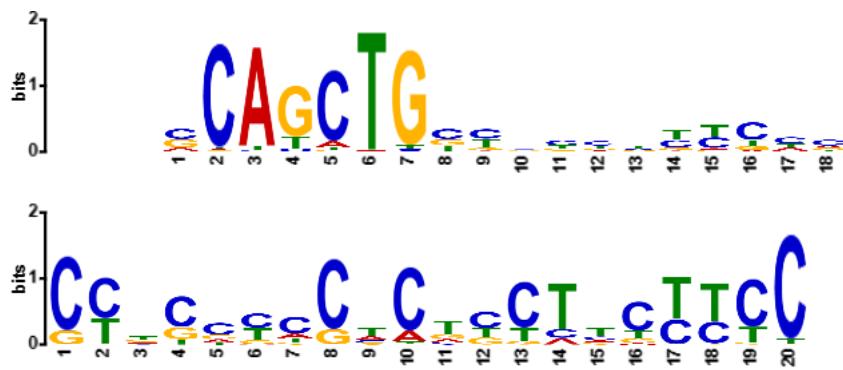
Name	<a href="#">ZN770_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.93e-03
<i>E</i> -value	3.58e+00
<i>q</i> -value	1.53e-01
Overlap	18
Offset	4
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	



### Summary

### Optimal Alignment

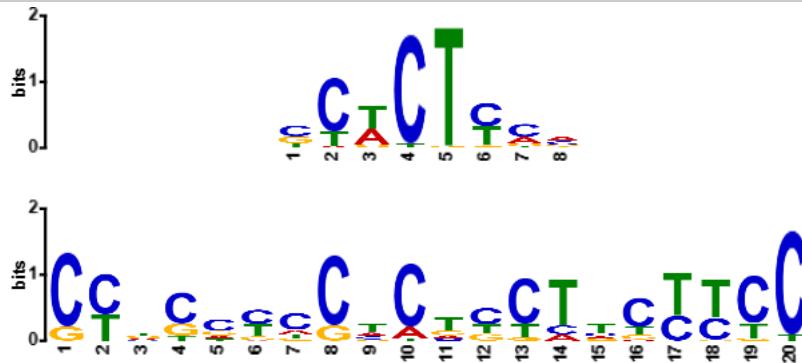
Name	<a href="#">PTF1A_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.91e-03
<i>E</i> -value	3.97e+00
<i>q</i> -value	1.64e-01
Overlap	17
Offset	-3
Orientation	Normal
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### Summary

Name	<a href="#">NKX25_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.95e-03
<i>E</i> -value	3.99e+00
<i>q</i> -value	1.64e-01
Overlap	8
Offset	-6
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

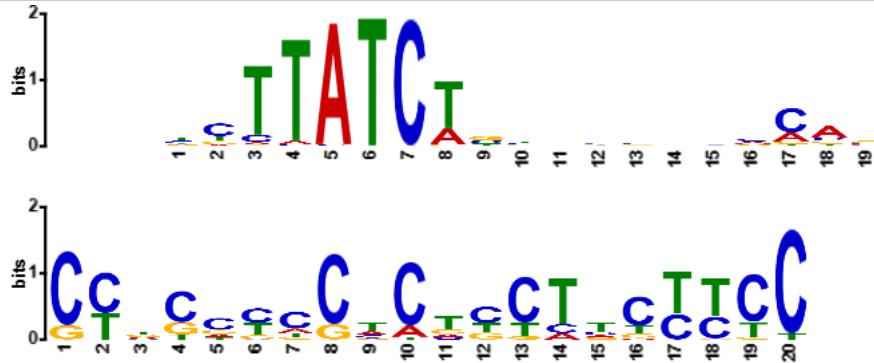
### Optimal Alignment



### Summary

Name	<a href="#">GATA1_HUMAN.H11MO.0.A</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	1.73e-01
Overlap	17
Offset	-3
Orientation	Reverse Complement
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### Optimal Alignment



### Summary

### Optimal Alignment

**Name** ASCL1\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.10e-02

**E-value** 4.40e+00

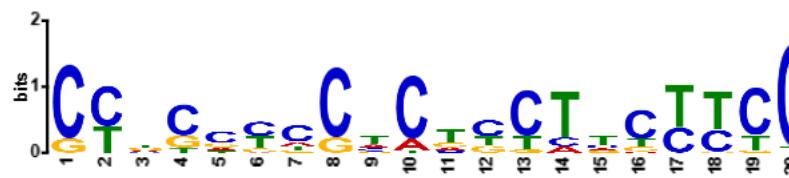
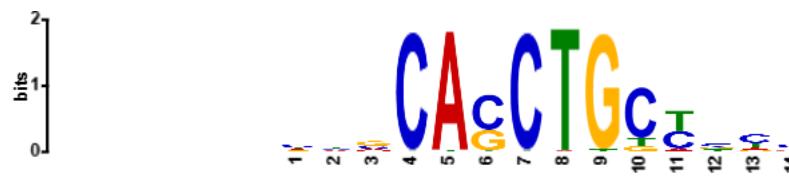
**q-value** 1.73e-01

**Overlap** 14

**Offset** -6

**Orientation** Normal

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## Summary

**Name** E2F1\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.22e-02

**E-value** 4.89e+00

**q-value** 1.88e-01

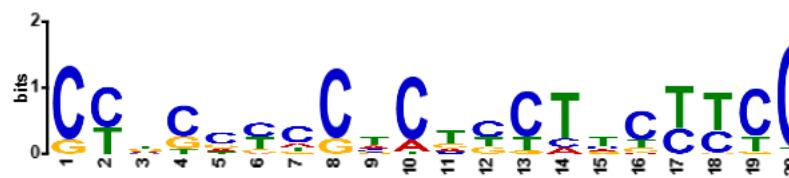
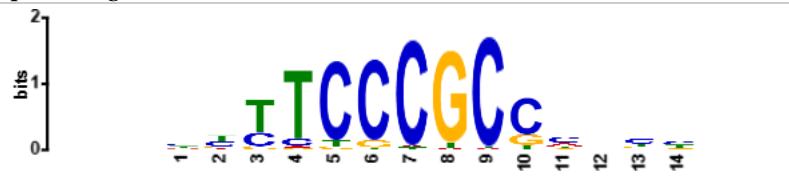
**Overlap** 14

**Offset** -3

**Orientation** Reverse Complement

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## Summary

**Name** ELF3\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.43e-02

**E-value** 5.73e+00

**q-value** 2.16e-01

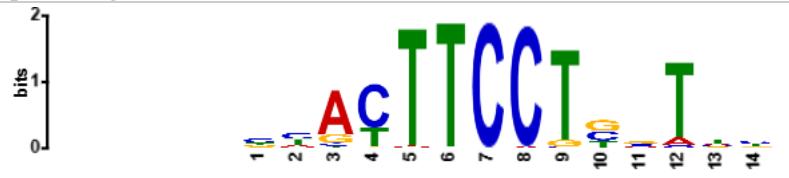
**Overlap** 14

**Offset** -5

**Orientation** Reverse Complement

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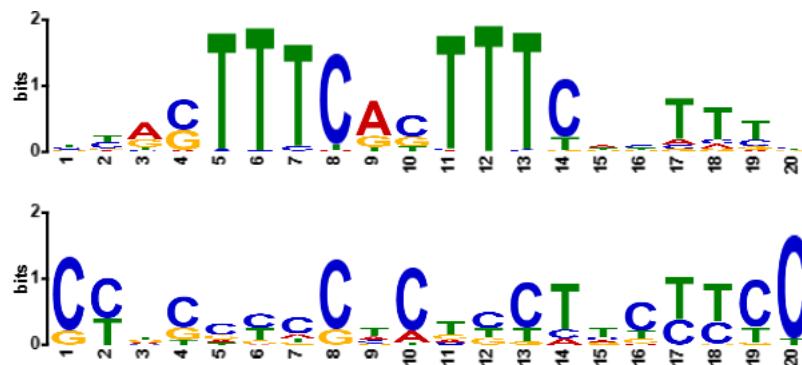
## Optimal Alignment



## Summary

## Optimal Alignment

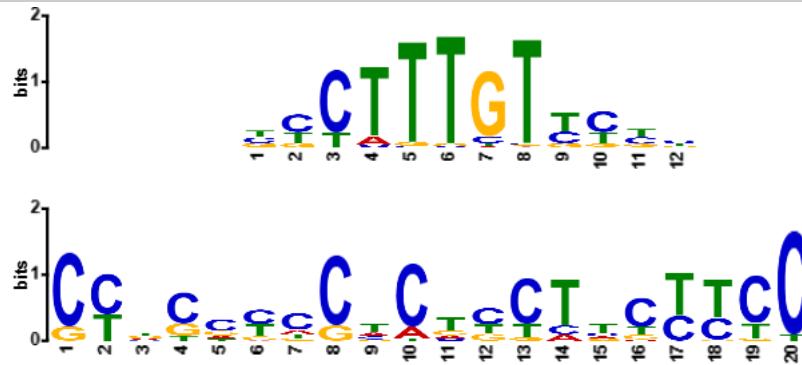
Name	<a href="#">IRF2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.58e-02
<i>E</i> -value	6.32e+00
<i>q</i> -value	2.33e-01
Overlap	20
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">SOX4_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.61e-02
<i>E</i> -value	6.47e+00
<i>q</i> -value	2.33e-01
Overlap	12
Offset	-5
Orientation	Normal
	<a href="#">Show logo download options</a>

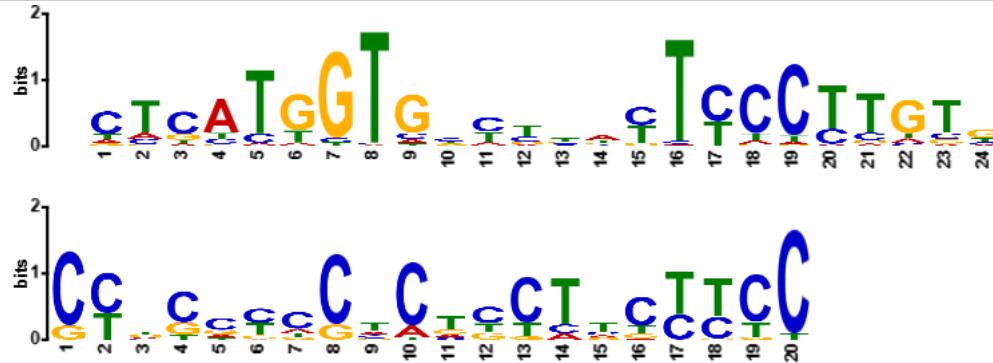
#### Optimal Alignment



#### Summary

Name	<a href="#">ZNF41_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.65e-02
<i>E</i> -value	6.62e+00
<i>q</i> -value	2.33e-01
Overlap	19
Offset	-1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

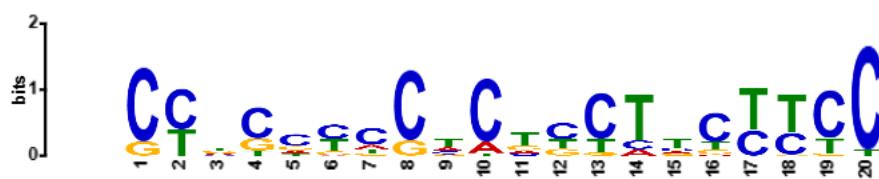
#### Optimal Alignment



#### Summary

#### Optimal Alignment

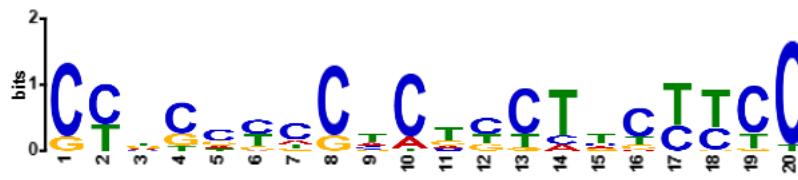
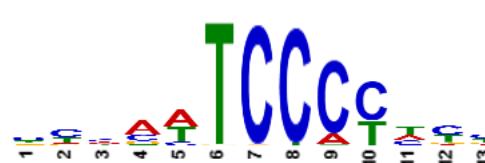
Name	<a href="#">KLF9_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.71e-02
<i>E</i> -value	6.87e+00
<i>q</i> -value	2.33e-01
Overlap	13
Offset	2
Orientation	Reverse Complement
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## Summary

Name	<a href="#">MZF1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.72e-02
<i>E</i> -value	6.88e+00
<i>q</i> -value	2.33e-01
Overlap	13
Offset	-4
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

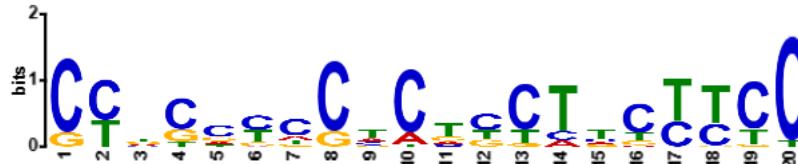
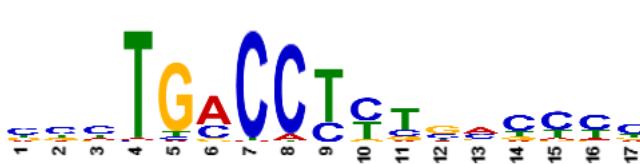
## Optimal Alignment



## Summary

Name	<a href="#">COT1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.72e-02
<i>E</i> -value	6.91e+00
<i>q</i> -value	2.33e-01
Overlap	17
Offset	-3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

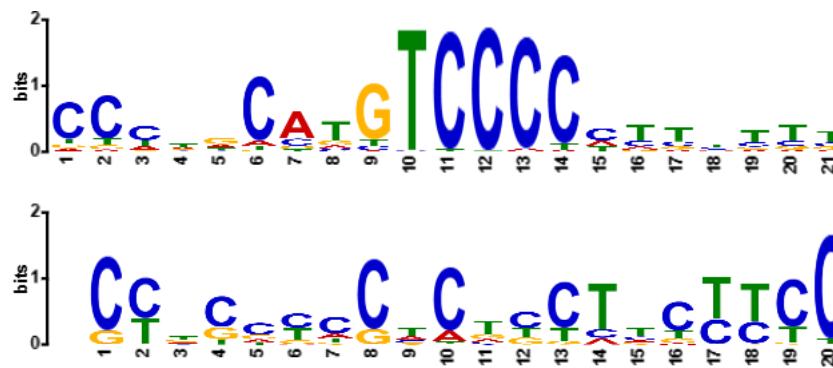
## Optimal Alignment



## Summary

## Optimal Alignment

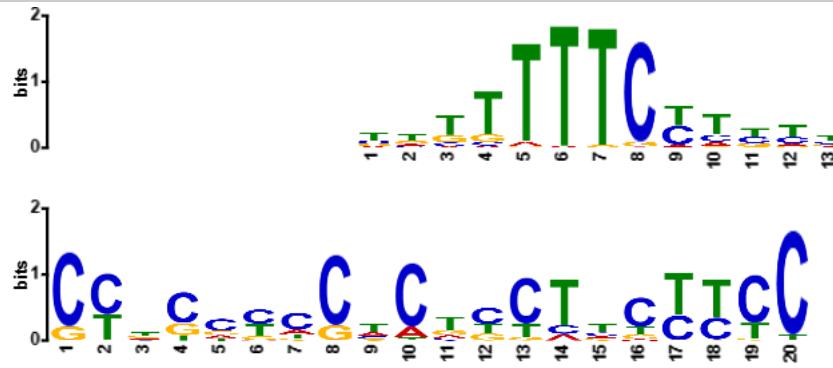
Name	<a href="#">ZN816_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.80e-02
<i>E</i> -value	7.23e+00
<i>q</i> -value	2.36e-01
Overlap	20
Offset	1
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">PRDM6_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.81e-02
<i>E</i> -value	7.26e+00
<i>q</i> -value	2.36e-01
Overlap	12
Offset	-8
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

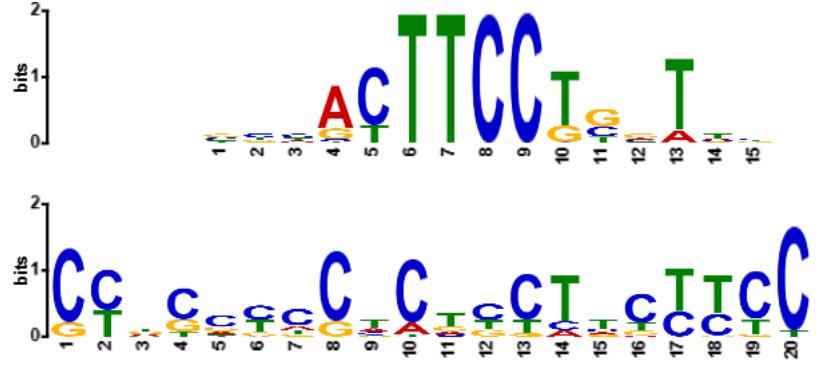
#### Optimal Alignment



#### Summary

Name	<a href="#">EHF_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.89e-02
<i>E</i> -value	7.59e+00
<i>q</i> -value	2.42e-01
Overlap	15
Offset	-4
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

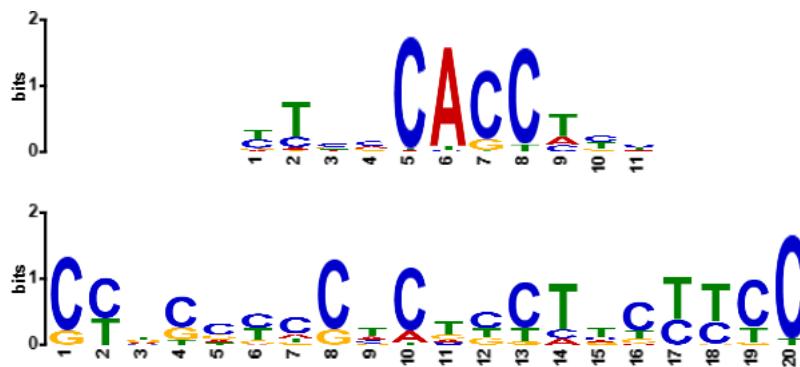
#### Optimal Alignment



#### Summary

#### Optimal Alignment

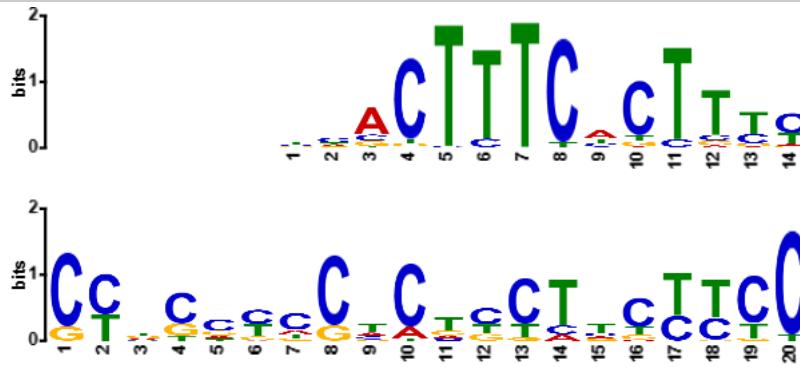
Name	<a href="#">TBX3_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.20e-02
<i>E</i> -value	8.83e+00
<i>q</i> -value	2.77e-01
Overlap	11
Offset	-5
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">PRDM1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.27e-02
<i>E</i> -value	9.09e+00
<i>q</i> -value	2.81e-01
Overlap	14
Offset	-6
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

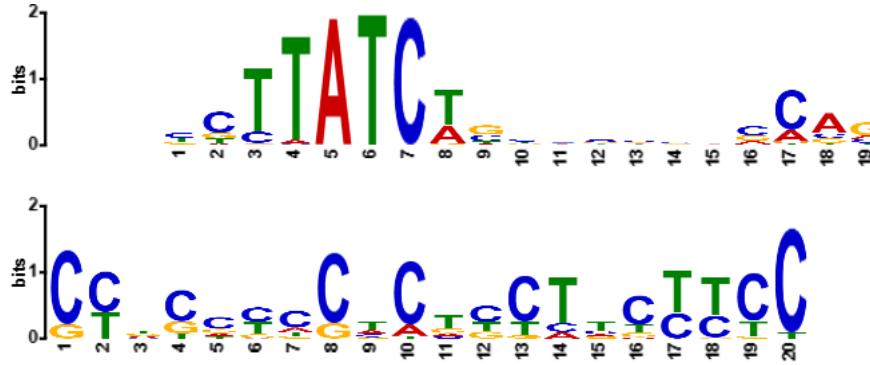
## Optimal Alignment



## Summary

Name	<a href="#">TAL1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.33e-02
<i>E</i> -value	9.34e+00
<i>q</i> -value	2.82e-01
Overlap	17
Offset	-3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

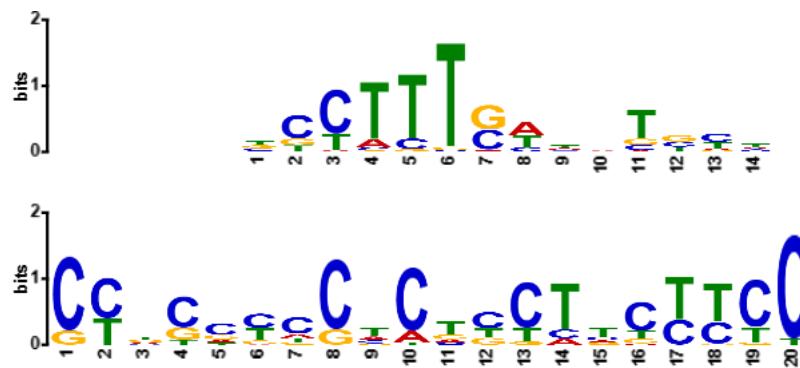
## Optimal Alignment



## Summary

## Optimal Alignment

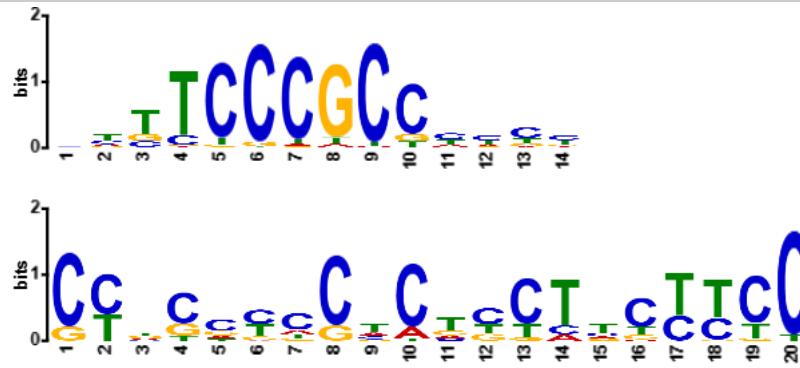
Name	<a href="#">LEF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.38e-02
<i>E</i> -value	9.56e+00
<i>q</i> -value	2.82e-01
Overlap	14
Offset	-5
Orientation	Normal
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### Summary

Name	<a href="#">TFDP1_HUMAN.H11MO.0.C</a>
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	2.82e-01
Overlap	14
Offset	0
Orientation	Reverse Complement
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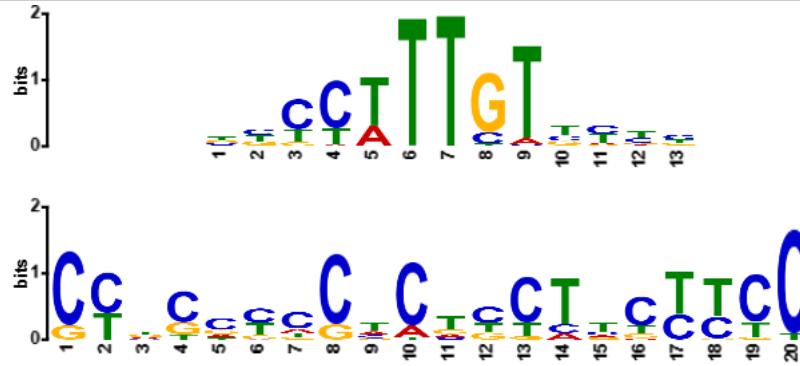
### Optimal Alignment



### Summary

Name	<a href="#">SOX2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.49e-02
<i>E</i> -value	9.97e+00
<i>q</i> -value	2.88e-01
Overlap	13
Offset	-4
Orientation	Normal
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### Optimal Alignment



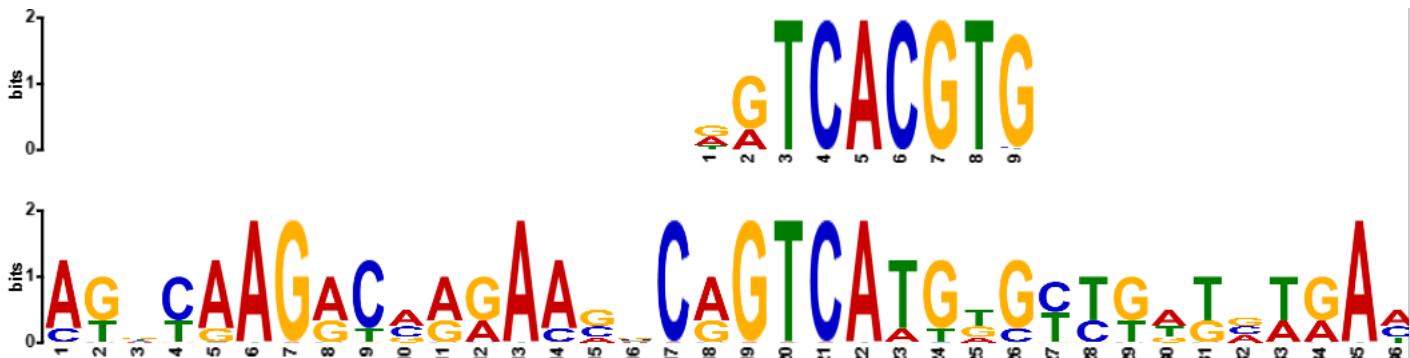
MATCHES TO AKNYAAGRCMRRAASNCRGTCATGKGYWKVWRAMSCMWGRHWGAKGRA (MEME-20)

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### Summary

### Optimal Alignment

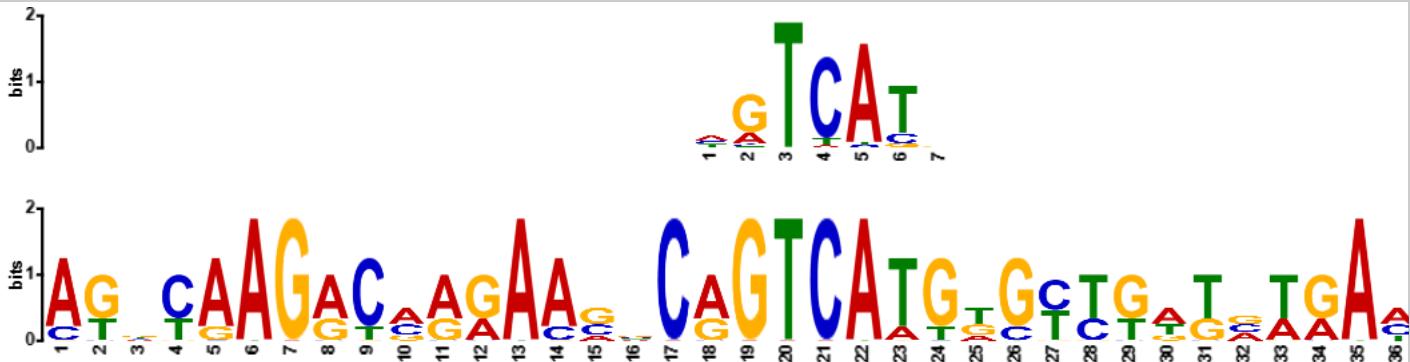
Name	<a href="#">TFEB_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.75e-04
<i>E</i> -value	2.71e-01
<i>q</i> -value	2.31e-01
Overlap	9
Offset	-17
Orientation	Normal
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## Summary

Name	<a href="#">NF2L1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.51e-04
<i>E</i> -value	3.01e-01
<i>q</i> -value	2.31e-01
Overlap	7
Offset	-17
Orientation	Normal
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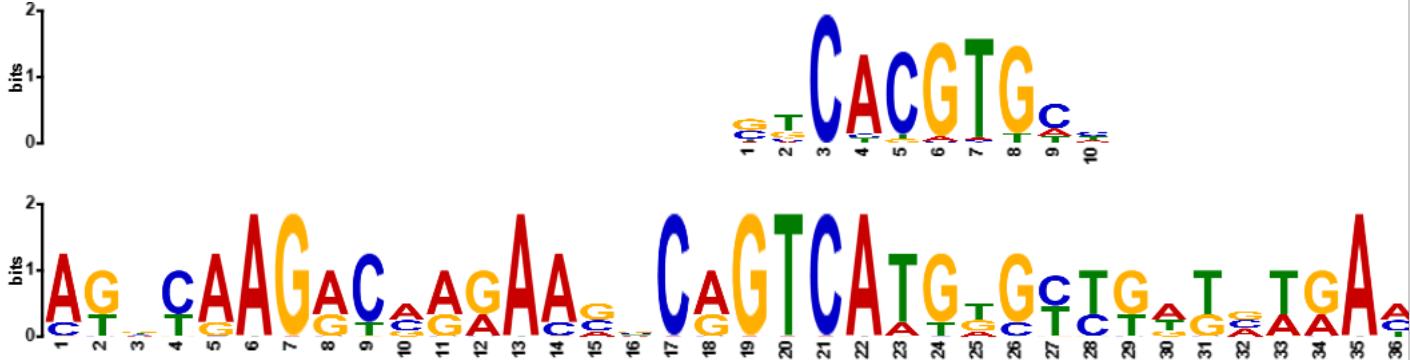
## Optimal Alignment



## Summary

Name	<a href="#">BHE40_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.70e-04
<i>E</i> -value	3.49e-01
<i>q</i> -value	2.31e-01
Overlap	10
Offset	-18
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

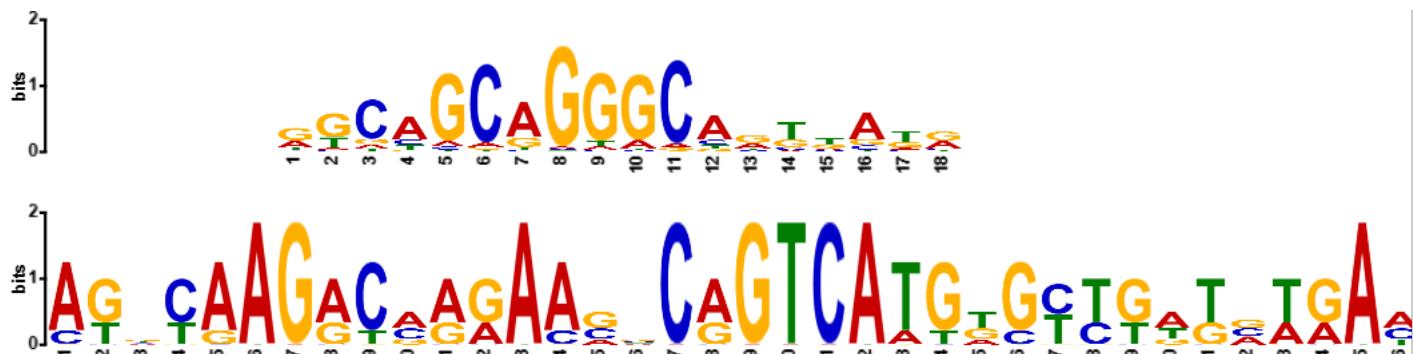
## Optimal Alignment



## Summary

## Optimal Alignment

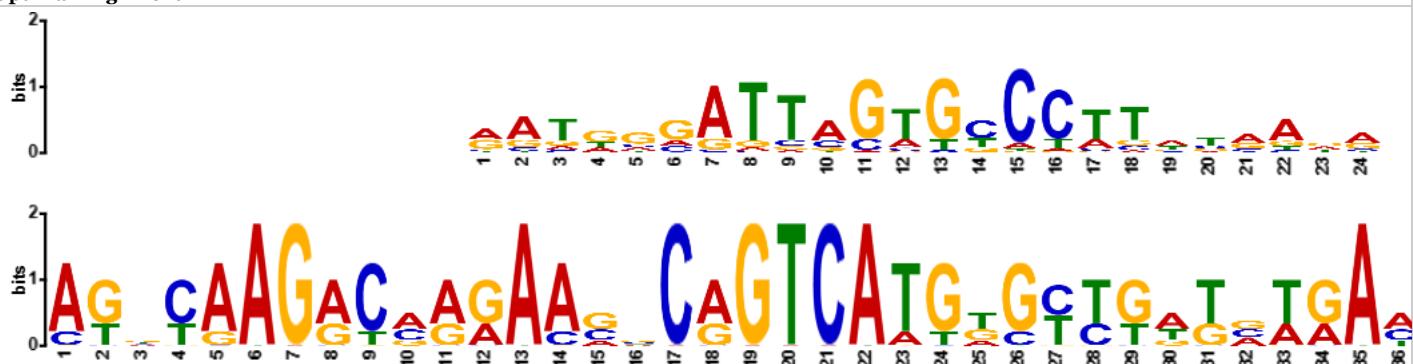
Name	<a href="#">ZSC31_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.34e-03
<i>E</i> -value	5.37e-01
<i>q</i> -value	2.66e-01
Overlap	18
Offset	-6
Orientation	Normal
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## Summary

Name	<a href="#">ZN264_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.41e-03
<i>E</i> -value	1.77e+00
<i>q</i> -value	7.01e-01
Overlap	24
Offset	-11
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

## Optimal Alignment



## Summary

Name	<a href="#">PDX1_HUMAN.H11MO.0.A</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	7.51e-01
Overlap	9
Offset	-39
Orientation	Normal
<a href="#">Show logo download options</a>	

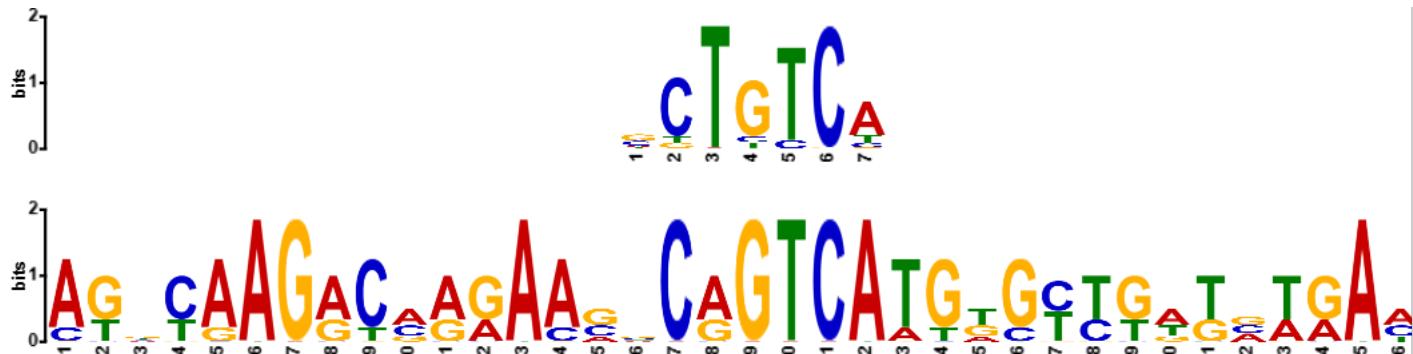
## Optimal Alignment



## Summary

## Optimal Alignment

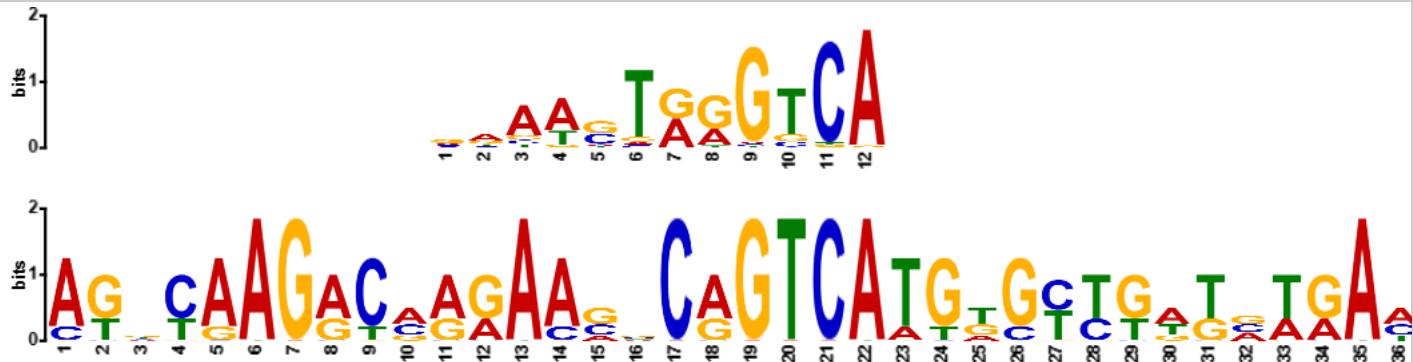
Name	<a href="#">TGIF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.62e-03
<i>E</i> -value	3.46e+00
<i>q</i> -value	7.51e-01
Overlap	7
Offset	-15
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">RORG_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.83e-03
<i>E</i> -value	3.54e+00
<i>q</i> -value	7.51e-01
Overlap	12
Offset	-10
Orientation	Normal
	<a href="#">Show logo download options</a>

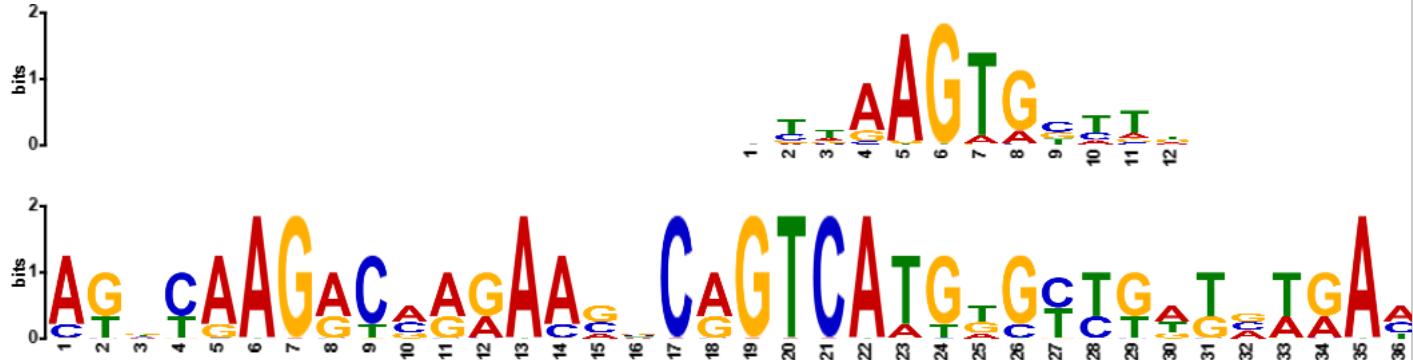
## Optimal Alignment



## Summary

Name	<a href="#">NKX31_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.41e-03
<i>E</i> -value	3.77e+00
<i>q</i> -value	7.51e-01
Overlap	12
Offset	-18
Orientation	Normal
	<a href="#">Show logo download options</a>

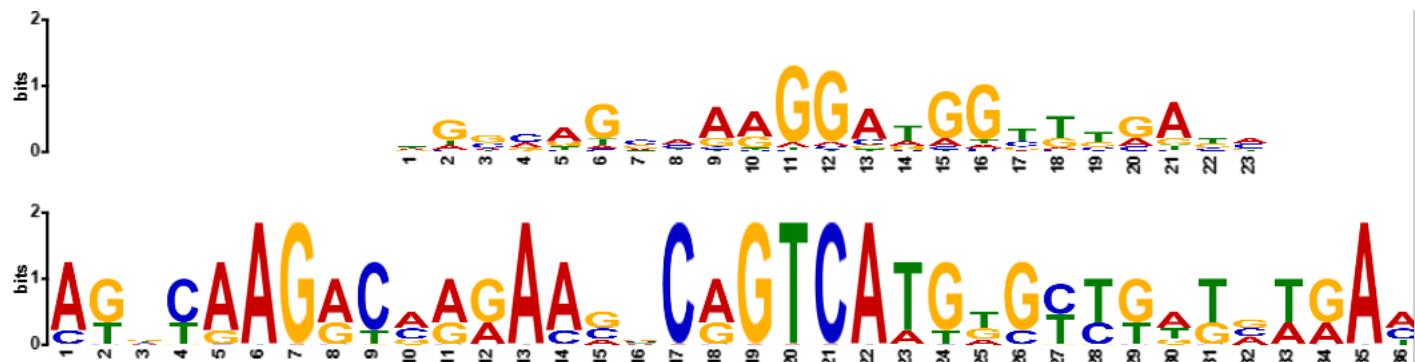
## Optimal Alignment



## Summary

## Optimal Alignment

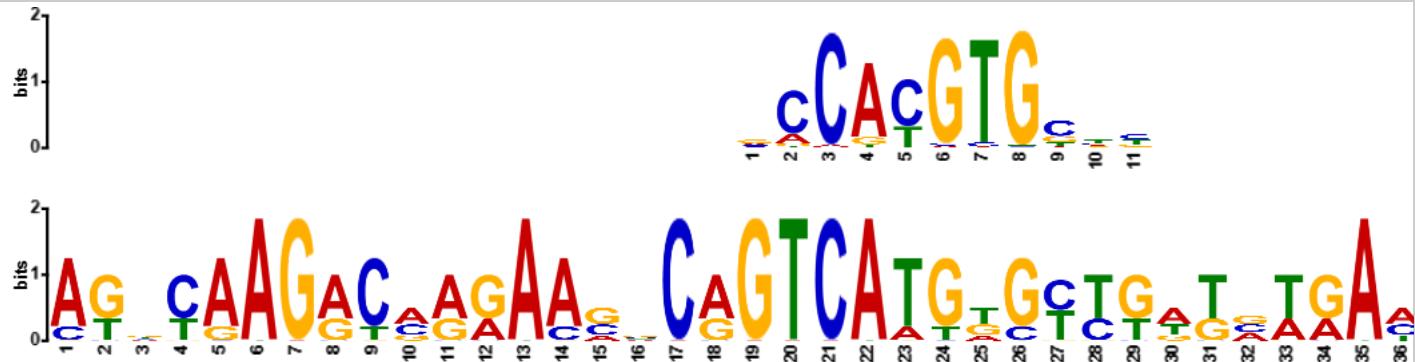
Name	<a href="#">Z324A_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.11e-02
<i>E</i> -value	4.46e+00
<i>q</i> -value	7.51e-01
Overlap	23
Offset	-9
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">MYC_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.15e-02
<i>E</i> -value	4.60e+00
<i>q</i> -value	7.51e-01
Overlap	11
Offset	-18
Orientation	Normal
	<a href="#">Show logo download options</a>

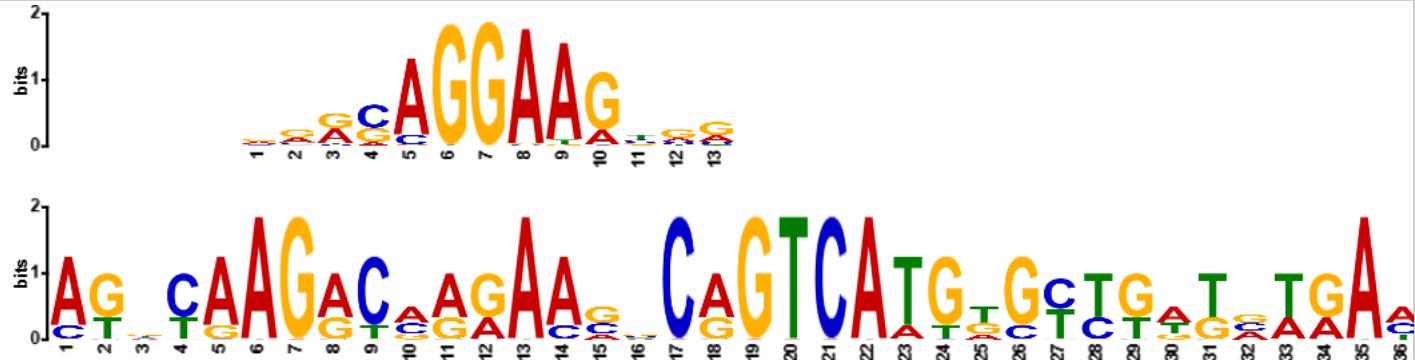
## Optimal Alignment



## Summary

Name	<a href="#">ERG_HUMAN.H11MO.0.A</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	7.51e-01
Overlap	13
Offset	-5
Orientation	Normal
	<a href="#">Show logo download options</a>

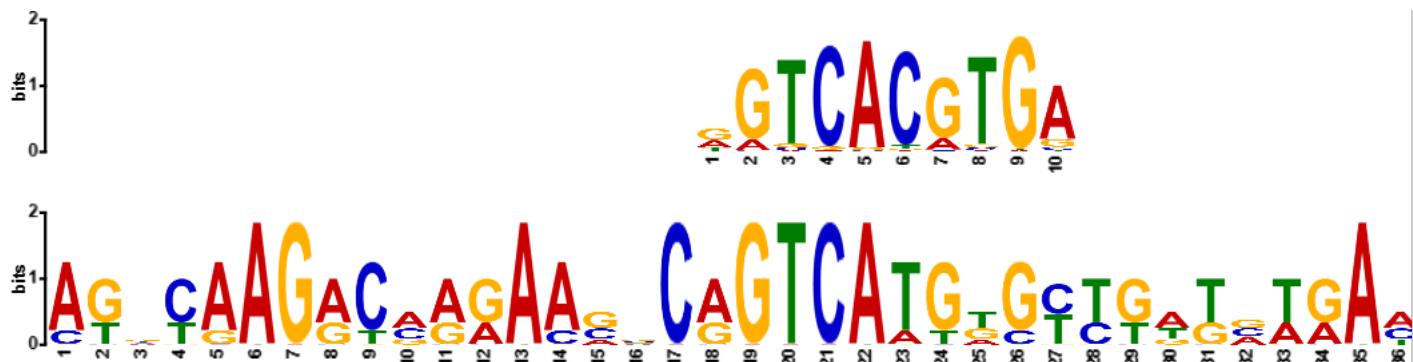
## Optimal Alignment



## Summary

## Optimal Alignment

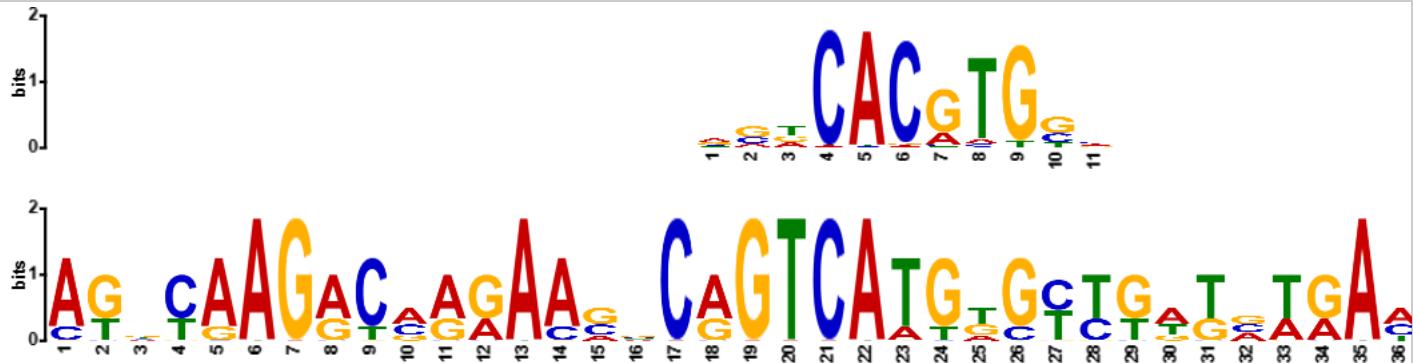
Name	<a href="#">TFE3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.28e-02
<i>E</i> -value	5.13e+00
<i>q</i> -value	7.51e-01
Overlap	10
Offset	-17
Orientation	Normal
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## Summary

Name	<a href="#">BMAL1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.49e-02
<i>E</i> -value	5.96e+00
<i>q</i> -value	7.51e-01
Overlap	11
Offset	-17
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

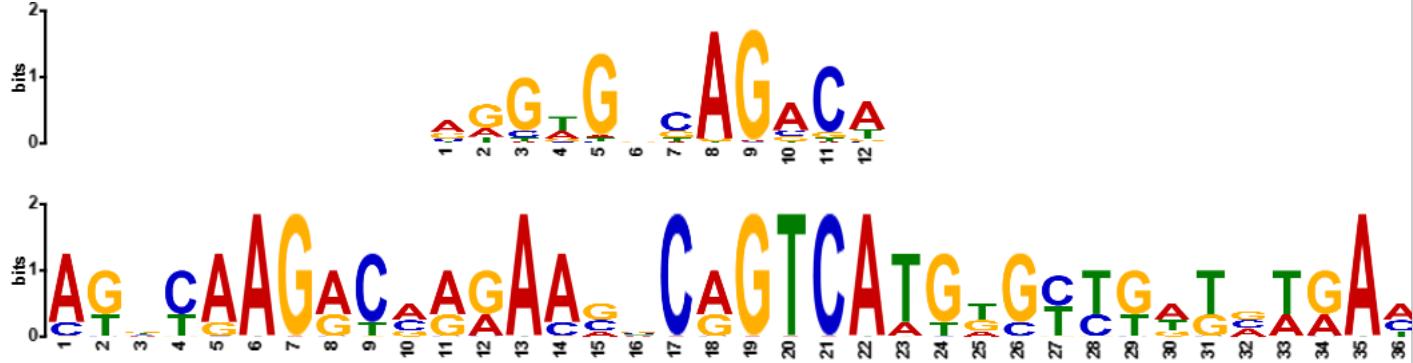
## Optimal Alignment



## Summary

Name	<a href="#">SMAD2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.55e-02
<i>E</i> -value	6.22e+00
<i>q</i> -value	7.51e-01
Overlap	12
Offset	-10
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

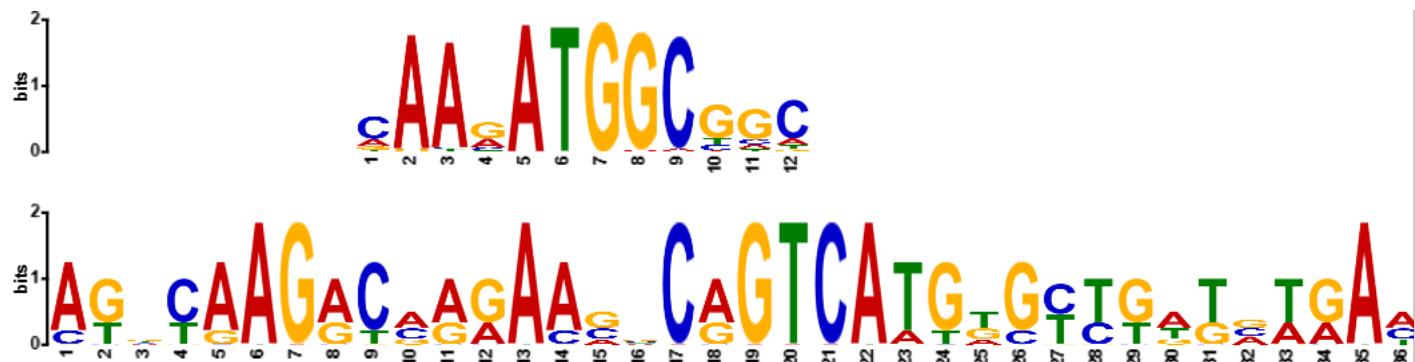
## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">TY1_HUMAN.H11MO.0.A</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	7.51e-01
Overlap	12
Offset	-8
Orientation	Normal
<a href="#">Show logo download options</a>	



## Summary

Name	<a href="#">ETS1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.22e-02
<i>E</i> -value	8.91e+00
<i>q</i> -value	7.51e-01
Overlap	13
Offset	-5
Orientation	Normal
<a href="#">Show logo download options</a>	

## Optimal Alignment



## Summary

Name	<a href="#">THA_HUMAN.H11MO.0.C</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	7.51e-01
Overlap	17
Offset	-21
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

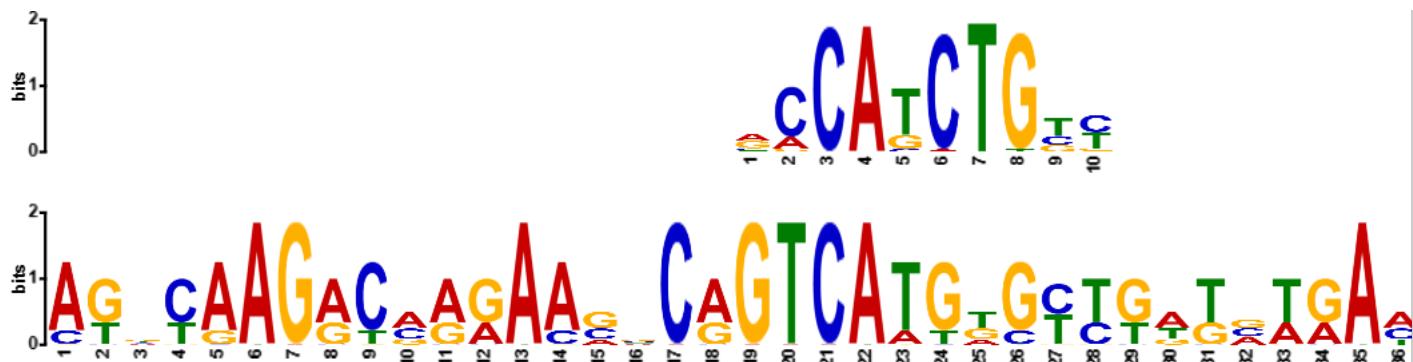
## Optimal Alignment



## Summary

## Optimal Alignment

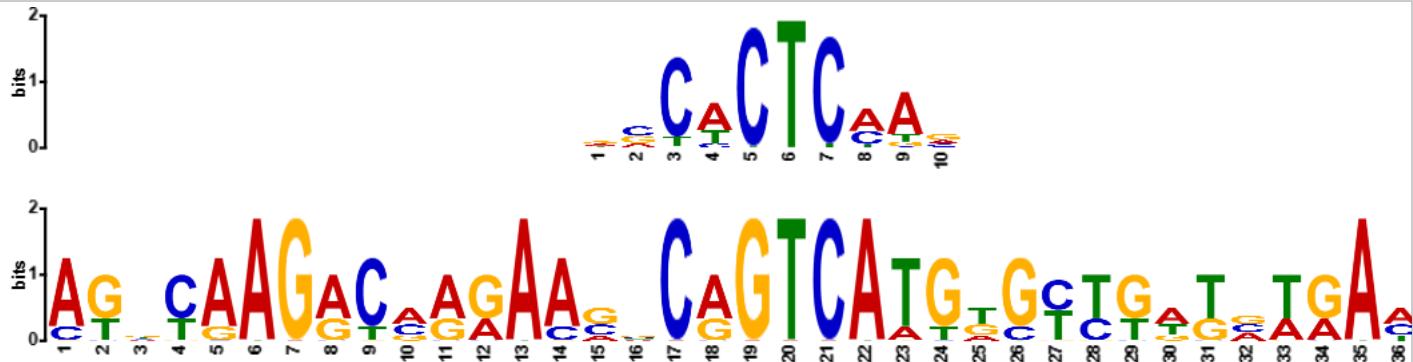
Name	<a href="#">NDF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.34e-02
<i>E</i> -value	9.37e+00
<i>q</i> -value	7.51e-01
Overlap	10
Offset	-18
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">NKX21_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.34e-02
<i>E</i> -value	9.37e+00
<i>q</i> -value	7.51e-01
Overlap	10
Offset	-14
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

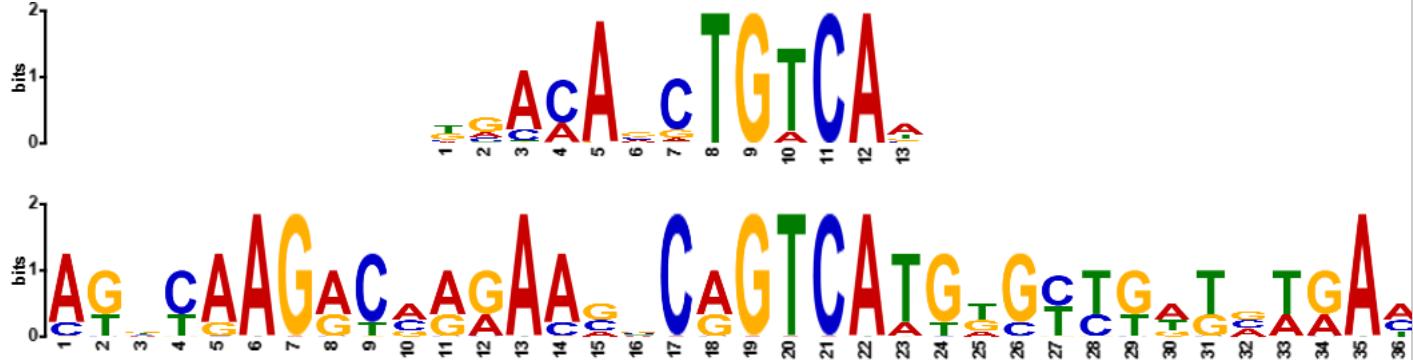
## Optimal Alignment



## Summary

Name	<a href="#">MEIS2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.35e-02
<i>E</i> -value	9.42e+00
<i>q</i> -value	7.51e-01
Overlap	13
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

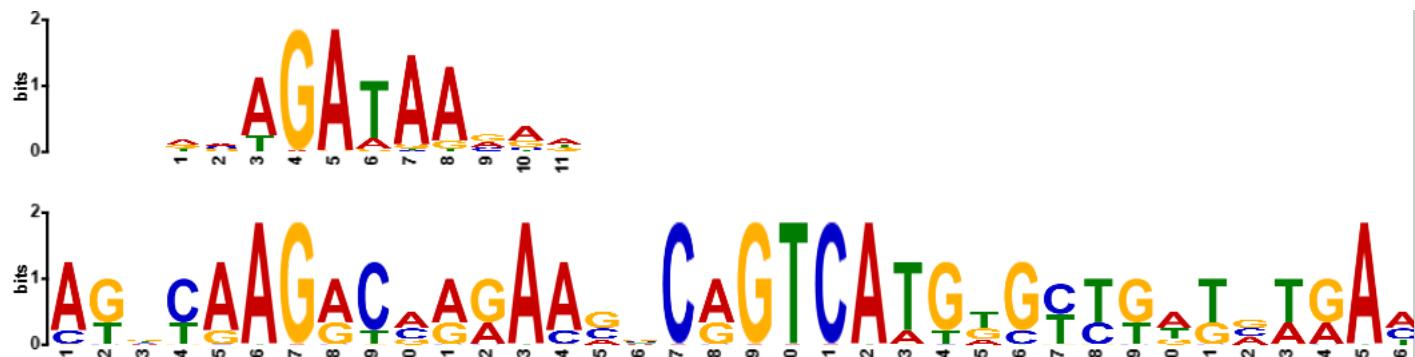
## Optimal Alignment



## Summary

## Optimal Alignment

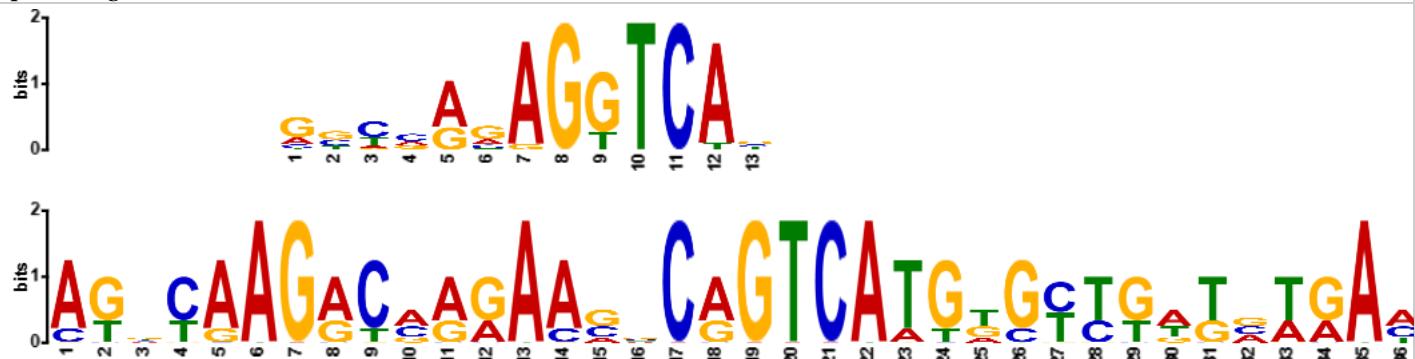
Name	<a href="#">GATA3_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.45e-02
<i>E</i> -value	9.83e+00
<i>q</i> -value	7.51e-01
Overlap	11
Offset	-3
Orientation	Normal
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#### Summary

Name	<a href="#">NR2C1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.48e-02
<i>E</i> -value	9.96e+00
<i>q</i> -value	7.51e-01
Overlap	13
Offset	-6
Orientation	Normal
<a href="#">Show logo download options</a>	

#### Optimal Alignment



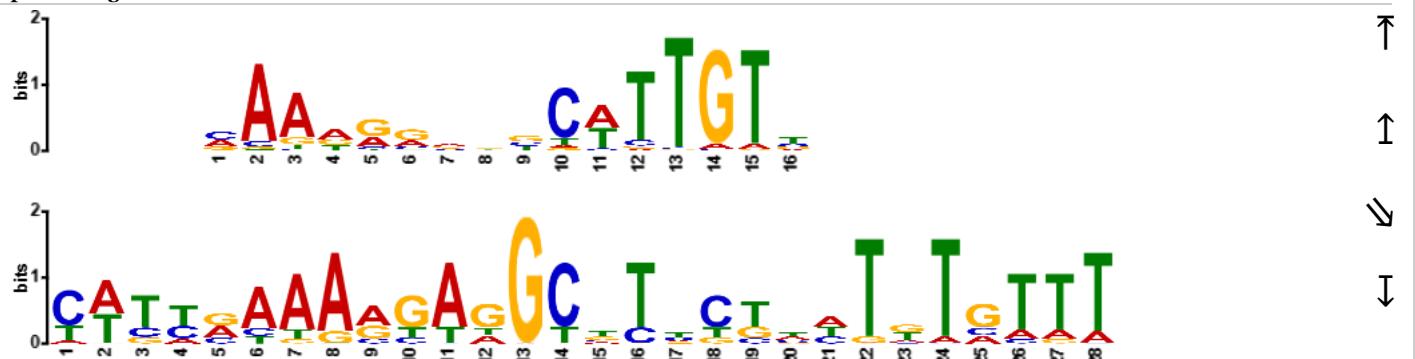
#### MATCHES TO CWTYVAAARGAGGCKTTCTHHTKTGT (MEME-21)

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#### Summary

Name	<a href="#">SOX10_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.00e-05
<i>E</i> -value	1.60e-02
<i>q</i> -value	3.21e-02
Overlap	16
Offset	-4
Orientation	Normal
<a href="#">Show logo download options</a>	

#### Optimal Alignment

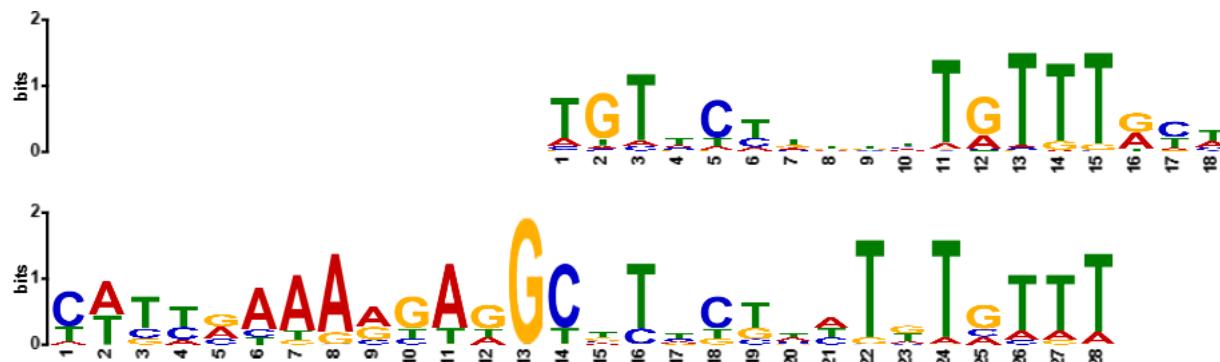


#### Summary

#### Optimal Alignment



Name	<a href="#">ANDR_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.77e-04
<i>E</i> -value	3.92e-01
<i>q</i> -value	3.92e-01
Overlap	15
Offset	-13
Orientation	Normal
<a href="#">Show logo download options</a>	



#### Summary

Name	<a href="#">LHX2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.68e-03
<i>E</i> -value	1.07e+00
<i>q</i> -value	7.16e-01
Overlap	12
Offset	-15
Orientation	Normal
<a href="#">Show logo download options</a>	

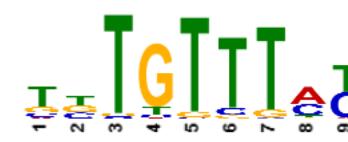
#### Optimal Alignment



#### Summary

Name	<a href="#">FOXP1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.58e-03
<i>E</i> -value	1.84e+00
<i>q</i> -value	8.73e-01
Overlap	7
Offset	-21
Orientation	Normal
<a href="#">Show logo download options</a>	

#### Optimal Alignment



#### Summary

#### Optimal Alignment

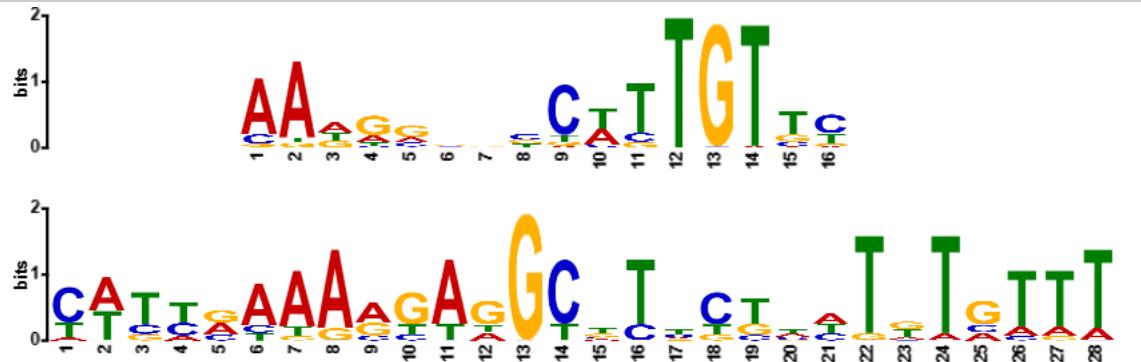
Name	<a href="#">SRY_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.24e-03
<i>E</i> -value	2.50e+00
<i>q</i> -value	8.73e-01
Overlap	8
Offset	-20
Orientation	Normal
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### Summary

Name	<a href="#">SOX9_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.68e-03
<i>E</i> -value	3.08e+00
<i>q</i> -value	8.73e-01
Overlap	16
Offset	-5
Orientation	Normal
<a href="#">Show logo download options</a>	

### Optimal Alignment



### Summary

Name	<a href="#">ZN274_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.02e-02
<i>E</i> -value	4.08e+00
<i>q</i> -value	8.73e-01
Overlap	19
Offset	-9
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

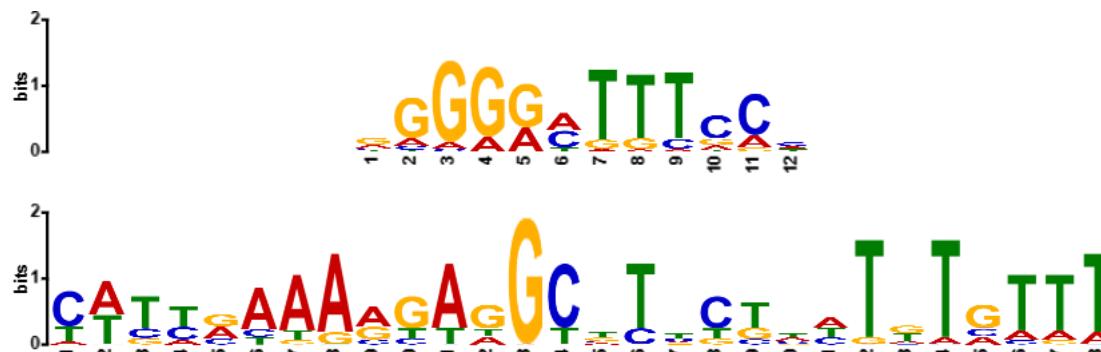
### Optimal Alignment



### Summary

### Optimal Alignment

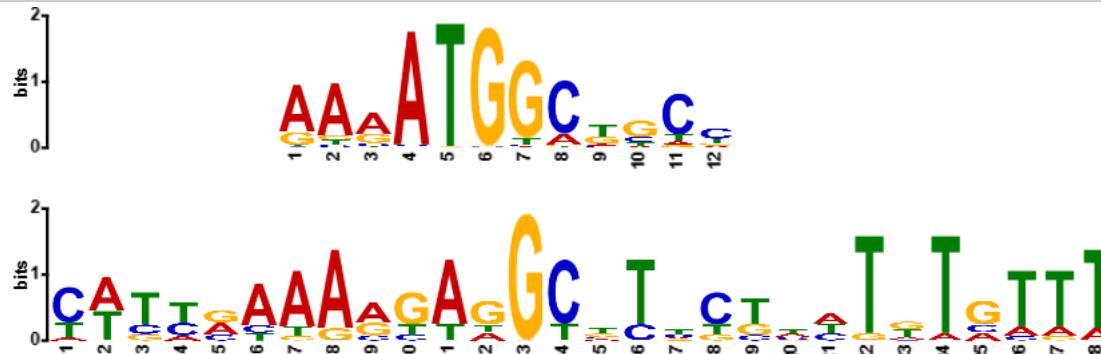
Name	<a href="#">RELB_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.03e-02
<i>E</i> -value	4.14e+00
<i>q</i> -value	8.73e-01
Overlap	12
Offset	-8
Orientation	Normal
<a href="#">Show logo download options</a>	



#### Summary

Name	<a href="#">ZFP42_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.31e-02
<i>E</i> -value	5.26e+00
<i>q</i> -value	8.73e-01
Overlap	12
Offset	-6
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

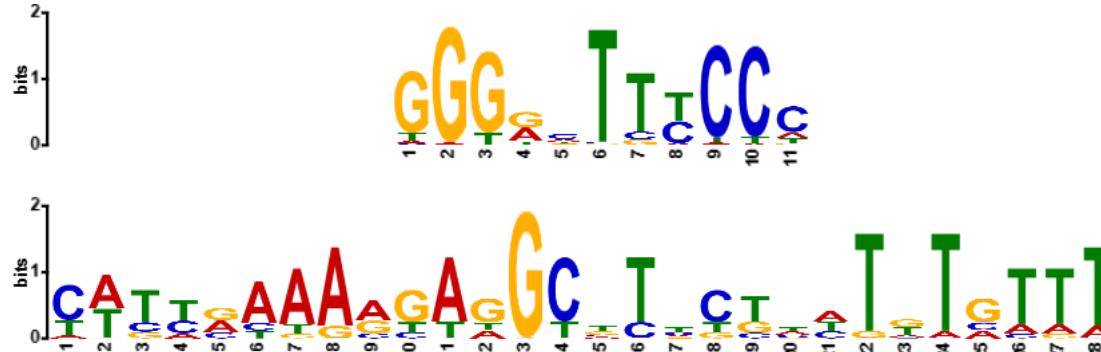
#### Optimal Alignment



#### Summary

Name	<a href="#">NFKB2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.34e-02
<i>E</i> -value	5.37e+00
<i>q</i> -value	8.73e-01
Overlap	11
Offset	-9
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

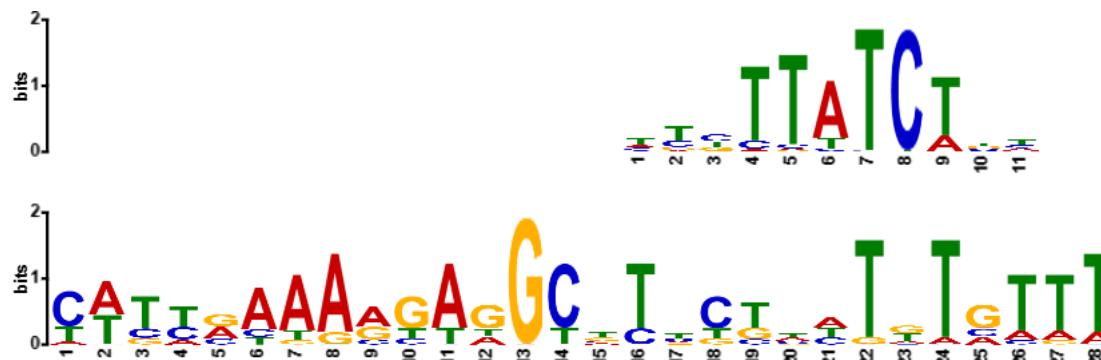
#### Optimal Alignment



#### Summary

#### Optimal Alignment

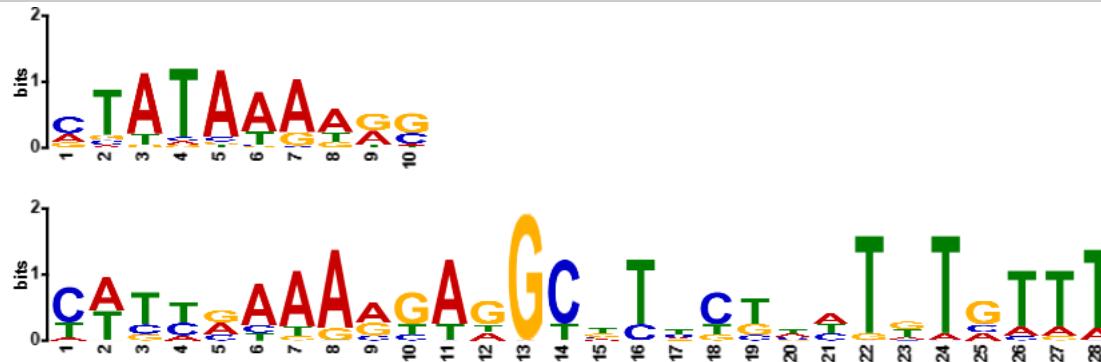
Name	<a href="#">GATA3_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.43e-02
<i>E</i> -value	5.72e+00
<i>q</i> -value	8.73e-01
Overlap	11
Offset	-15
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	



### Summary

Name	<a href="#">TBP_HUMAN.H11MO.0.A</a>
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	8.73e-01
Overlap	10
Offset	0
Orientation	Normal
<a href="#">Show logo download options</a>	

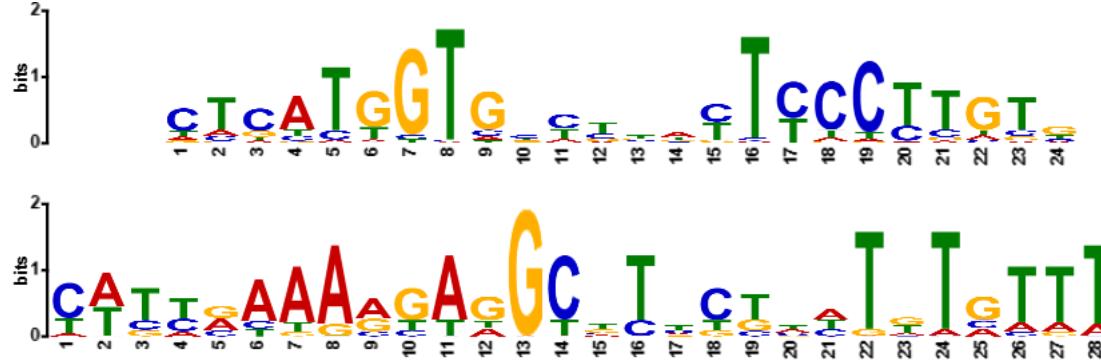
### Optimal Alignment



### Summary

Name	<a href="#">ZNF41_HUMAN.H11MO.0.C</a>
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	8.73e-01
Overlap	24
Offset	-3
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

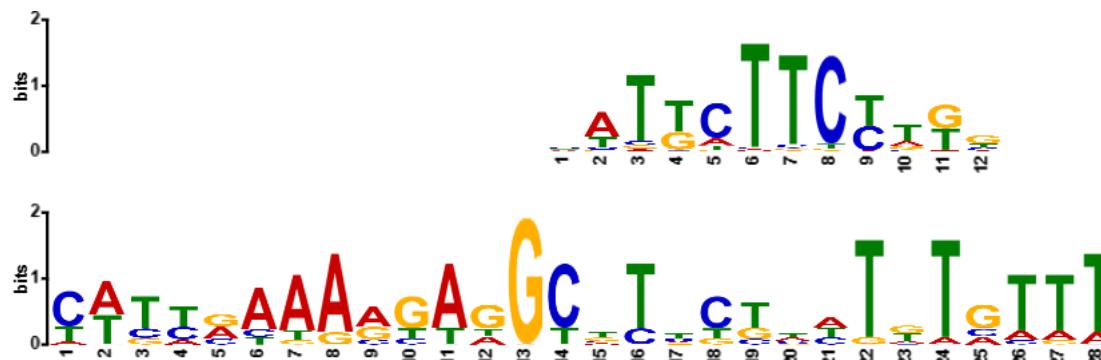
### Optimal Alignment



### Summary

### Optimal Alignment

Name	<a href="#">SMCA1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.66e-02
<i>E</i> -value	6.65e+00
<i>q</i> -value	8.73e-01
Overlap	12
Offset	-13
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">NKX32_HUMAN.H11MO.0.C</a>
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	8.73e-01
Overlap	10
Offset	-18
Orientation	Normal
	<a href="#">Show logo download options</a>

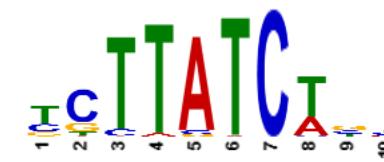
#### Optimal Alignment



#### Summary

Name	<a href="#">GATA4_HUMAN.H11MO.0.A</a>
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	8.73e-01
Overlap	10
Offset	-16
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

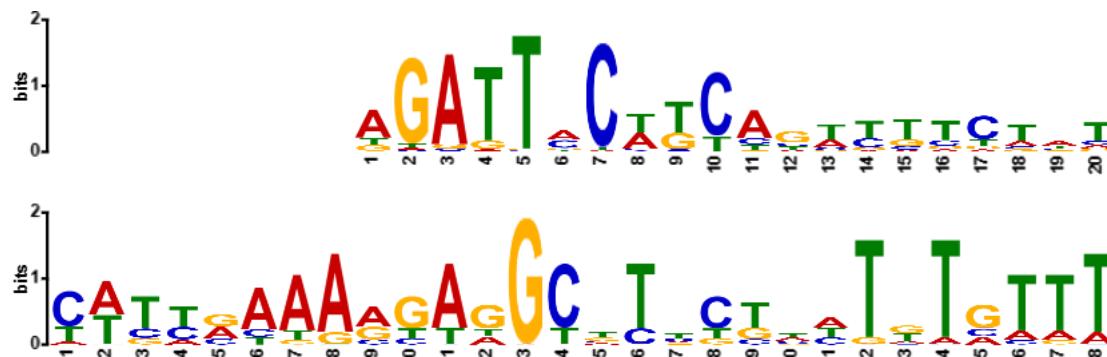
#### Optimal Alignment



#### Summary

#### Optimal Alignment

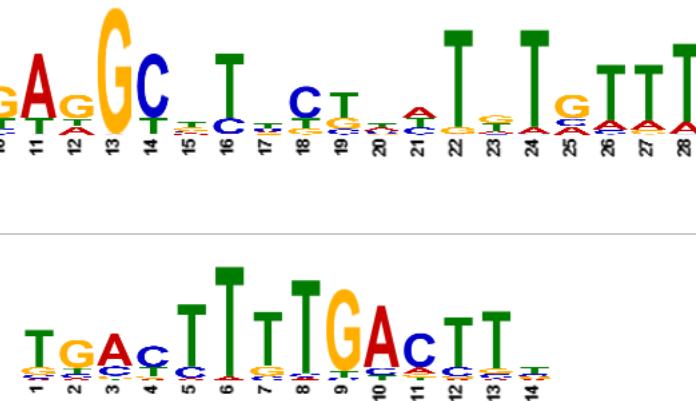
Name	<a href="#">ZNF85_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.01e-02
<i>E</i> -value	8.08e+00
<i>q</i> -value	9.00e-01
Overlap	20
Offset	-8
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">NR2E3_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.02e-02
<i>E</i> -value	8.10e+00
<i>q</i> -value	9.00e-01
Overlap	14
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

#### Optimal Alignment



#### Summary

Name	<a href="#">MEF2D_HUMAN.H11MO.0.A</a>
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	9.45e-01
Overlap	12
Offset	-2
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

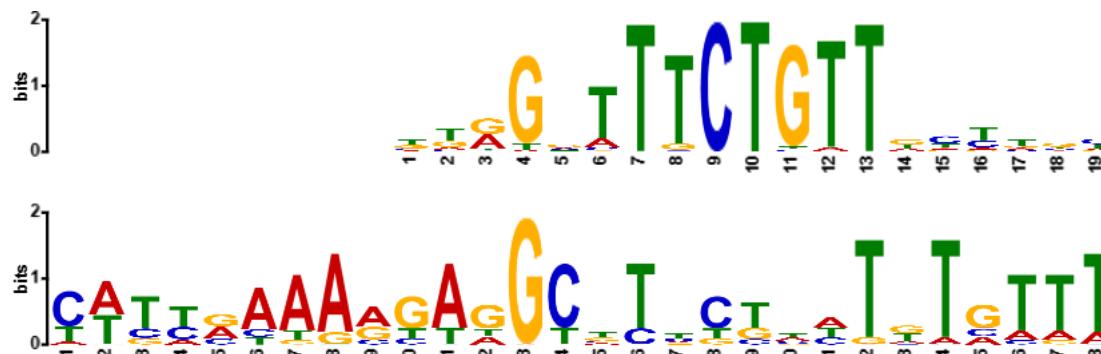
#### Optimal Alignment



#### Summary

#### Optimal Alignment

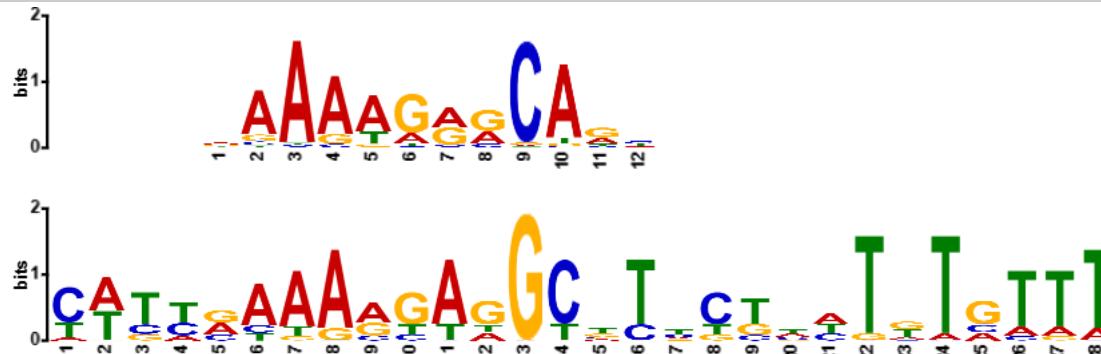
Name	<a href="#">ZIM3_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.39e-02
<i>E</i> -value	9.60e+00
<i>q</i> -value	9.45e-01
Overlap	19
Offset	-9
Orientation	Normal
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#### Summary

Name	<a href="#">FEZF1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.47e-02
<i>E</i> -value	9.92e+00
<i>q</i> -value	9.45e-01
Overlap	12
Offset	-4
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

#### Optimal Alignment



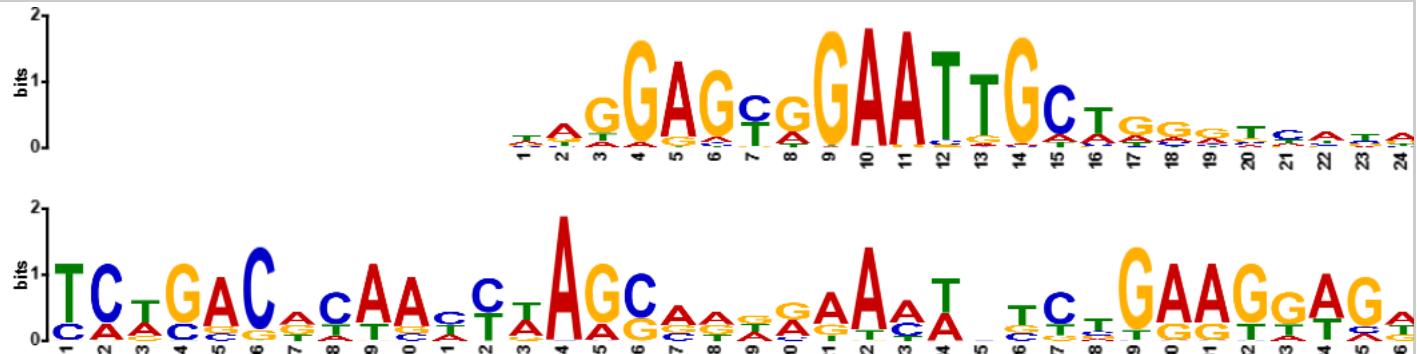
#### MATCHES TO TCWGACDCAAHYWAGSADDRAAMWNTCTGAAGGWGDGMHGG (MEME-22)

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#### Summary

Name	<a href="#">ZN140_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.15e-03
<i>E</i> -value	4.60e-01
<i>q</i> -value	9.19e-01
Overlap	24
Offset	-12
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

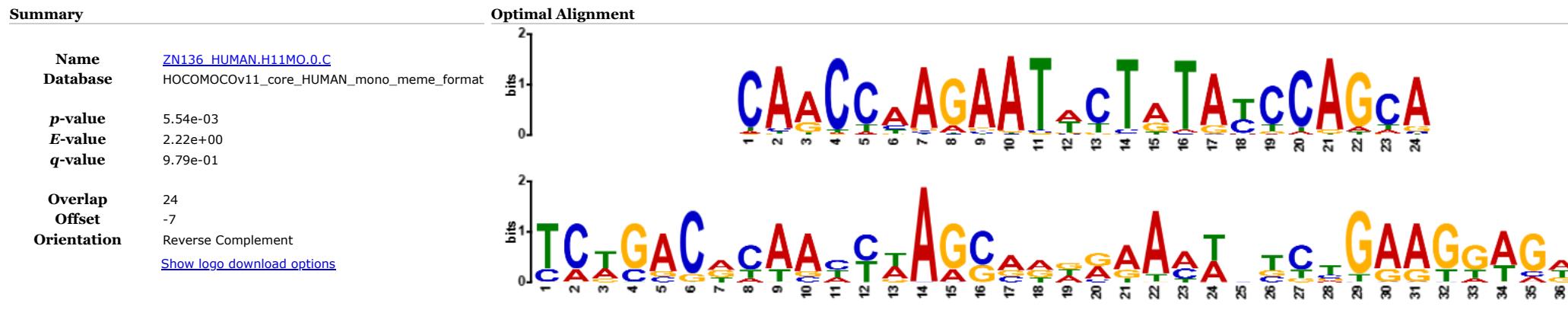
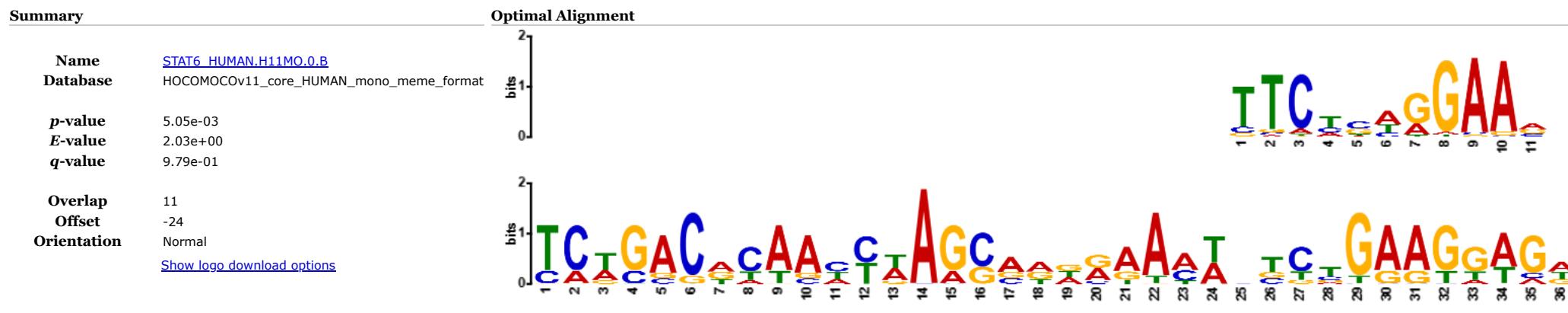
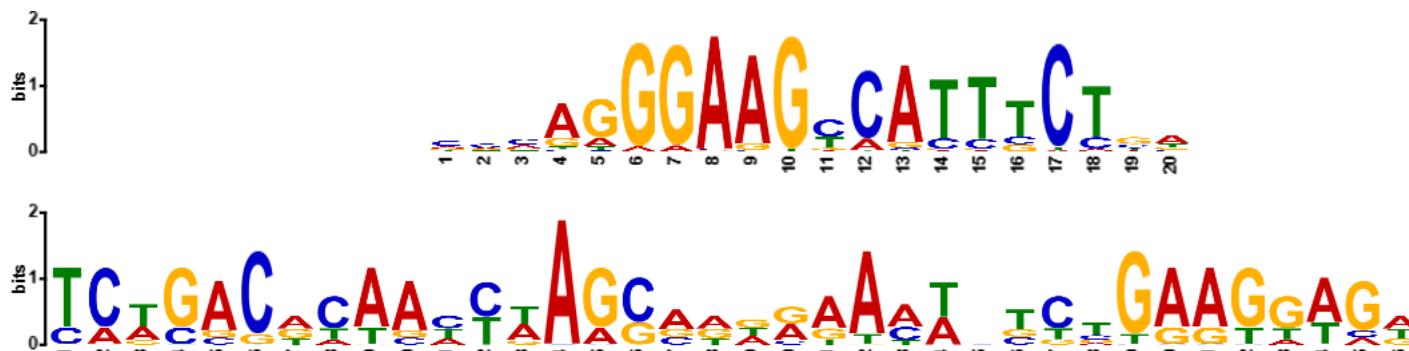
#### Optimal Alignment



#### Summary

#### Optimal Alignment

Name	<a href="#">ZN528_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.76e-03
<i>E</i> -value	1.11e+00
<i>q</i> -value	9.79e-01
Overlap	20
Offset	-10
Orientation	Normal
<a href="#">Show logo download options</a>	



**Name** TBX21\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 7.19e-03

**E-value** 2.88e+00

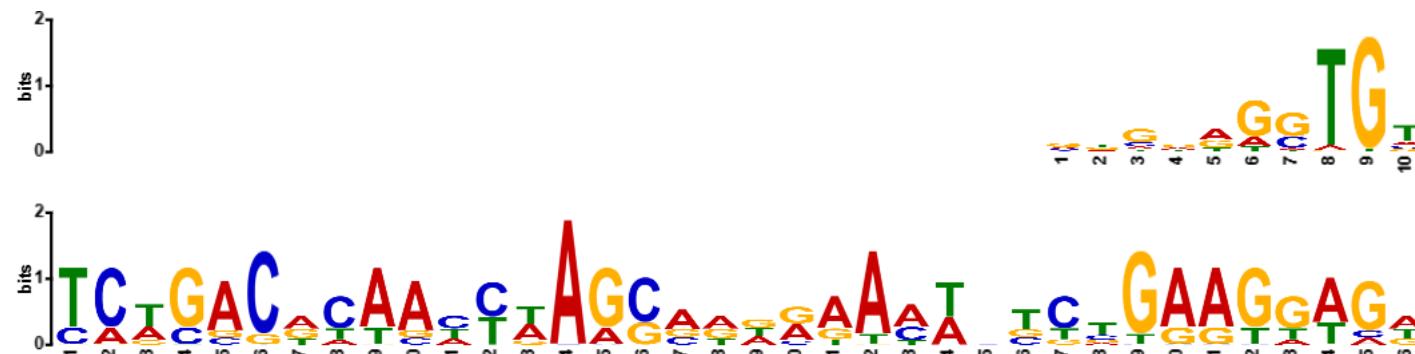
**q-value** 9.79e-01

**Overlap** 13

**Offset** -26

**Orientation** Normal

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## Summary

**Name** ZN436\_HUMAN.H11MO.0.C

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 7.32e-03

**E-value** 2.94e+00

**q-value** 9.79e-01

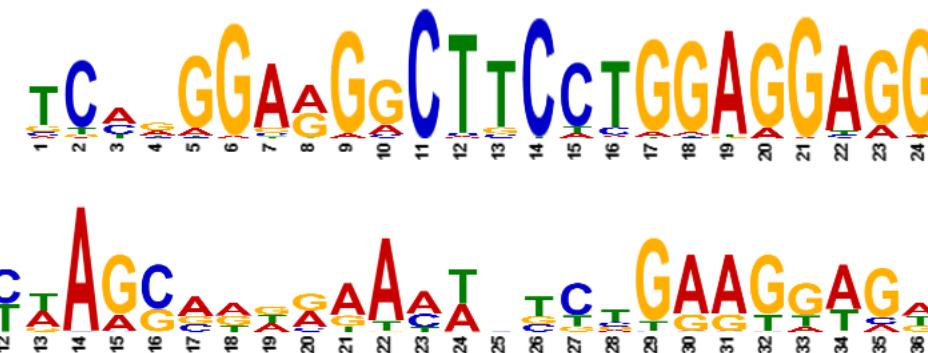
**Overlap** 24

**Offset** -12

**Orientation** Normal

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## Optimal Alignment



## Summary

**Name** MAFK\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.12e-02

**E-value** 4.50e+00

**q-value** 1.00e+00

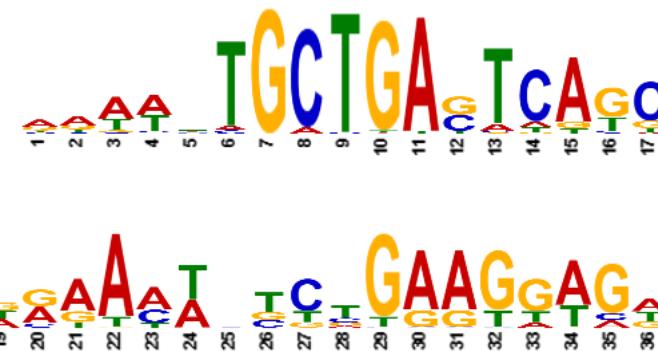
**Overlap** 18

**Offset** -19

**Orientation** Normal

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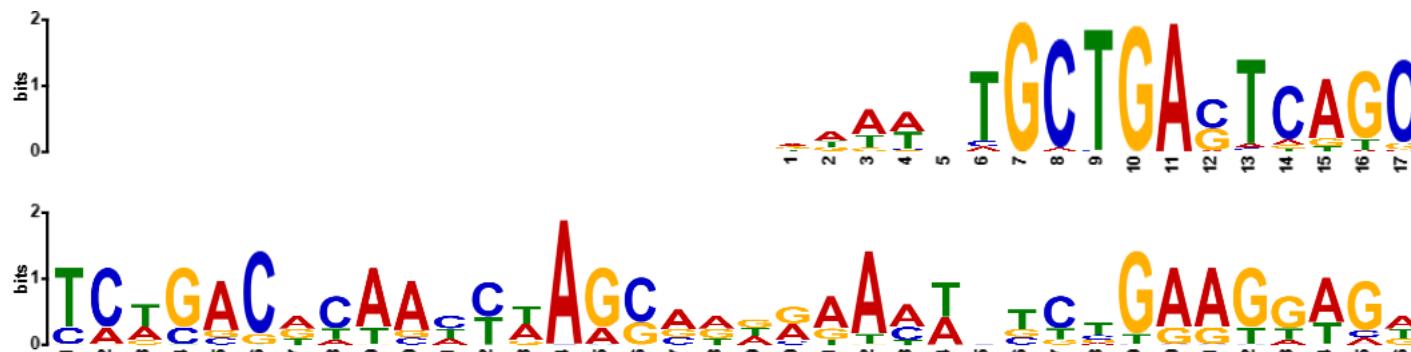
## Optimal Alignment



## Summary

## Optimal Alignment

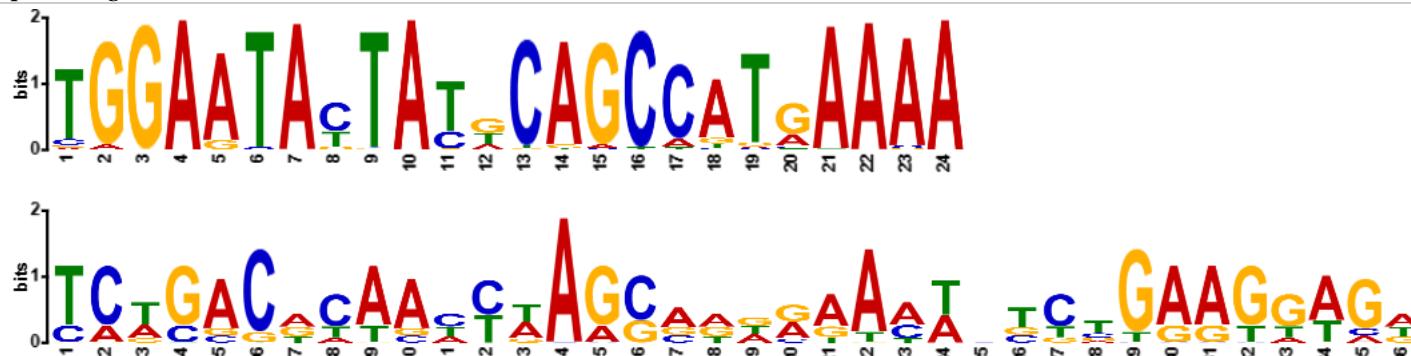
Name	<a href="#">MAFG_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.18e-02
<i>E</i> -value	4.73e+00
<i>q</i> -value	1.00e+00
Overlap	18
Offset	-19
Orientation	Normal
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## Summary

Name	<a href="#">OZF_HUMAN.H11MO.0.C</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	24
Offset	0
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

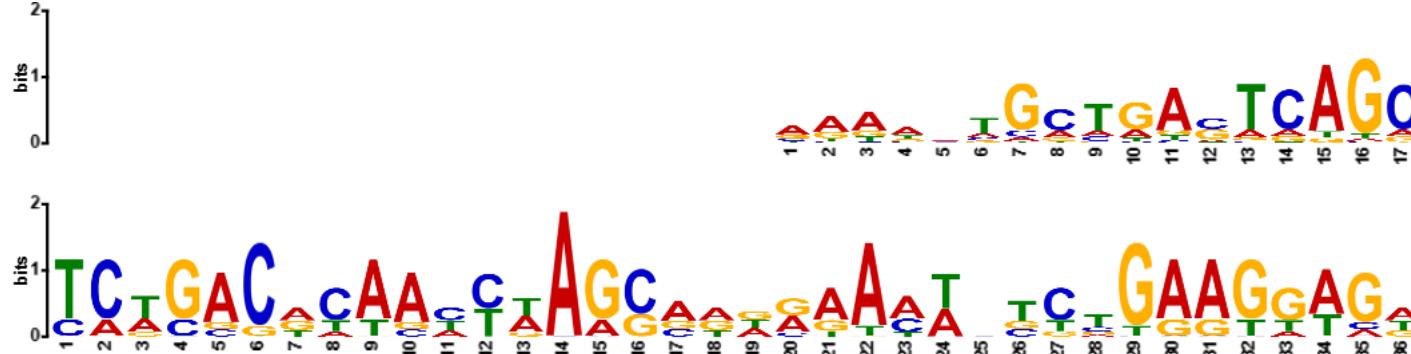
## Optimal Alignment



## Summary

Name	<a href="#">MAFF_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.85e-02
<i>E</i> -value	7.41e+00
<i>q</i> -value	1.00e+00
Overlap	18
Offset	-19
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

## Optimal Alignment



## Summary

## Optimal Alignment

Name [CREB1\\_HUMAN.H11MO.0.A](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 2.07e-02

E-value 8.31e+00

q-value 1.00e+00

Overlap 11

Offset -2

Orientation Reverse Complement

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#### Summary

Name [AHR\\_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 2.22e-02

E-value 8.90e+00

q-value 1.00e+00

Overlap 9

Offset -2

Orientation Reverse Complement

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#### Optimal Alignment



#### Summary

Name [ZNF8\\_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 22

Offset 0

Orientation Normal

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#### Optimal Alignment



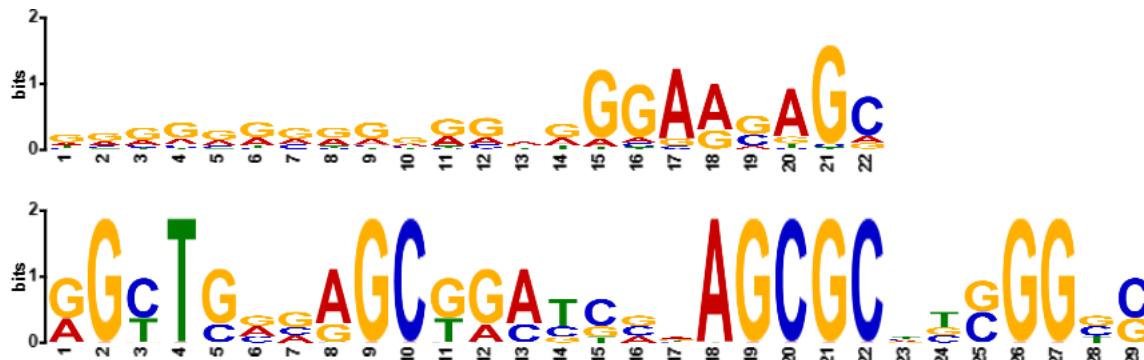
MATCHES TO RGYTGVVAGCKGATCVDA CGC GCHBSGGBS (MEME-23)

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#### Summary

#### Optimal Alignment

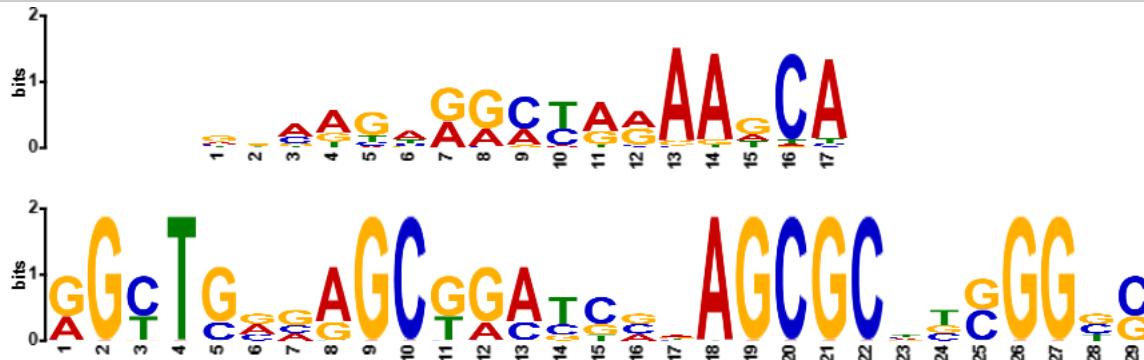
Name	<a href="#">ZN341_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.19e-03
<i>E</i> -value	4.76e-01
<i>q</i> -value	9.51e-01
Overlap	22
Offset	0
Orientation	Normal
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#### Summary

Name	<a href="#">ZN418_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.34e-03
<i>E</i> -value	2.54e+00
<i>q</i> -value	1.00e+00
Overlap	17
Offset	-4
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

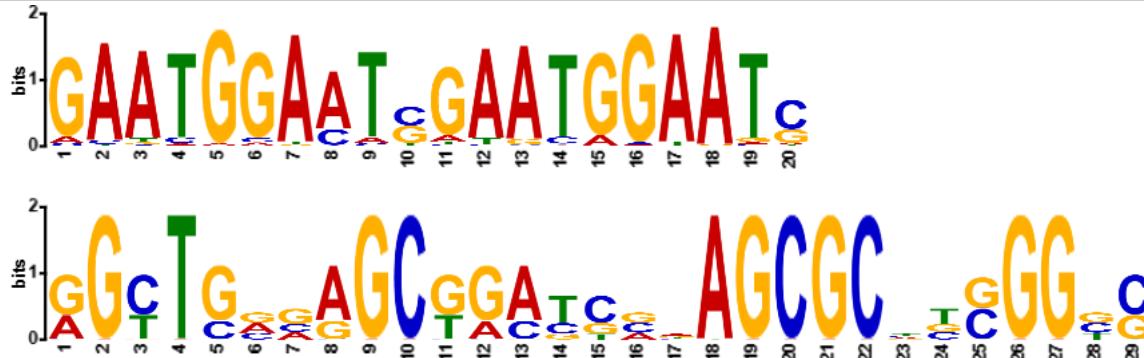
#### Optimal Alignment



#### Summary

Name	<a href="#">ZN502_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.11e-02
<i>E</i> -value	4.44e+00
<i>q</i> -value	1.00e+00
Overlap	20
Offset	0
Orientation	Normal
<a href="#">Show logo download options</a>	

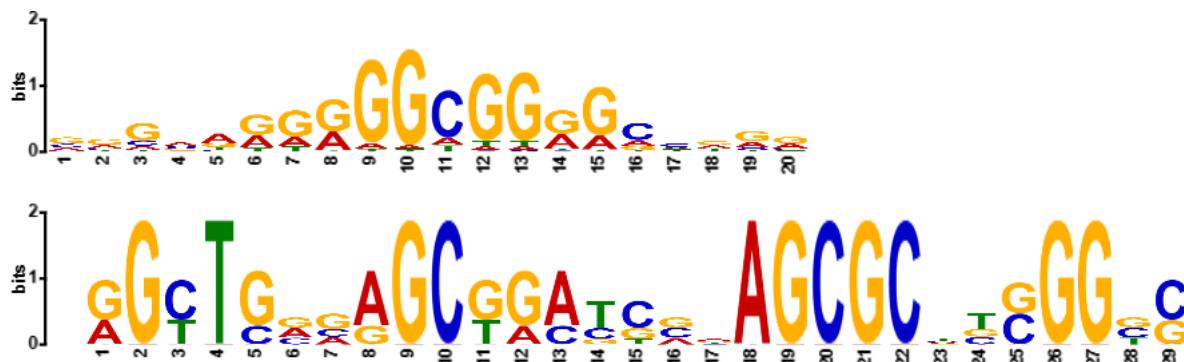
#### Optimal Alignment



#### Summary

#### Optimal Alignment

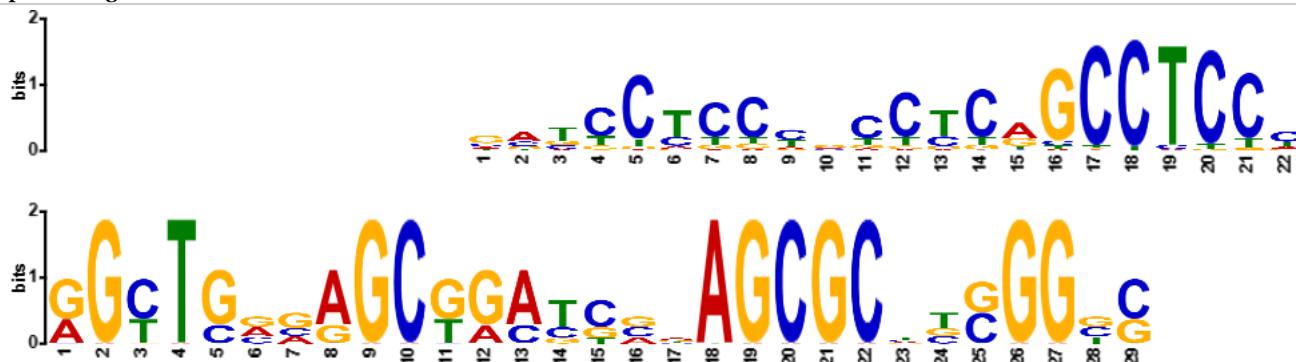
Name	<a href="#">SP4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.11e-02
<i>E</i> -value	4.44e+00
<i>q</i> -value	1.00e+00
Overlap	19
Offset	1
Orientation	Normal
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#### Summary

Name	<a href="#">ZN770_HUMAN.H11MO.0.C</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	1.00e+00
Overlap	18
Offset	-11
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

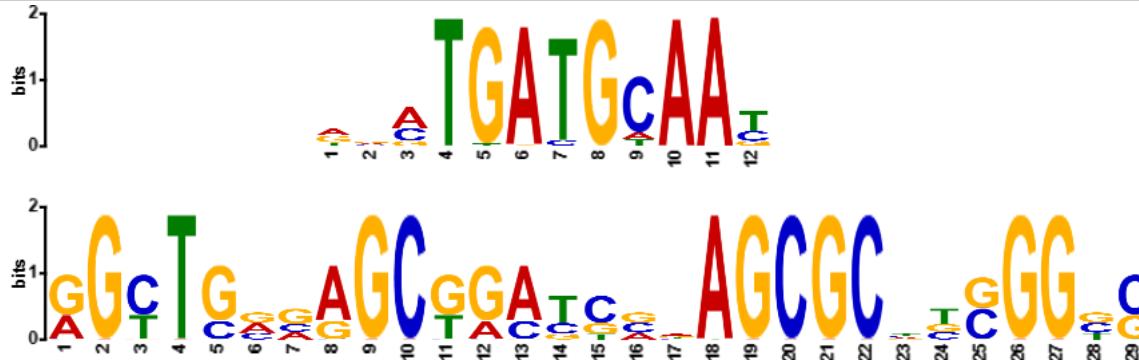
#### Optimal Alignment



#### Summary

Name	<a href="#">ATF4_HUMAN.H11MO.0.A</a>
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	12
Offset	-7
Orientation	Normal
<a href="#">Show logo download options</a>	

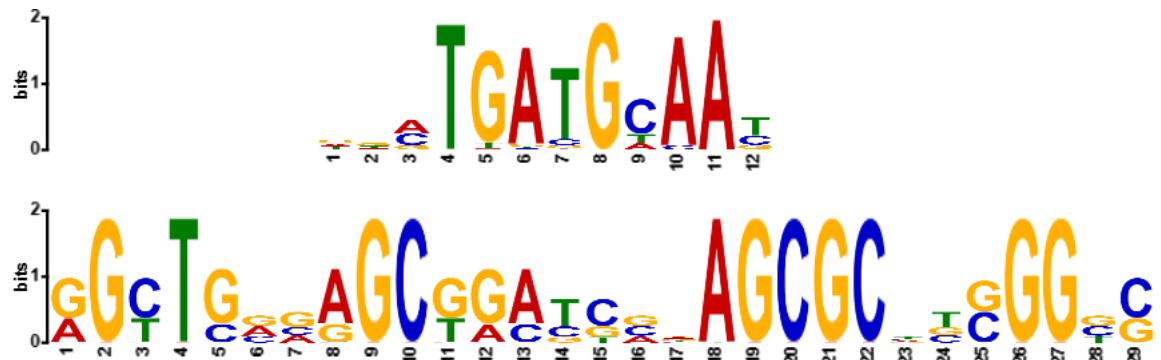
#### Optimal Alignment



#### Summary

#### Optimal Alignment

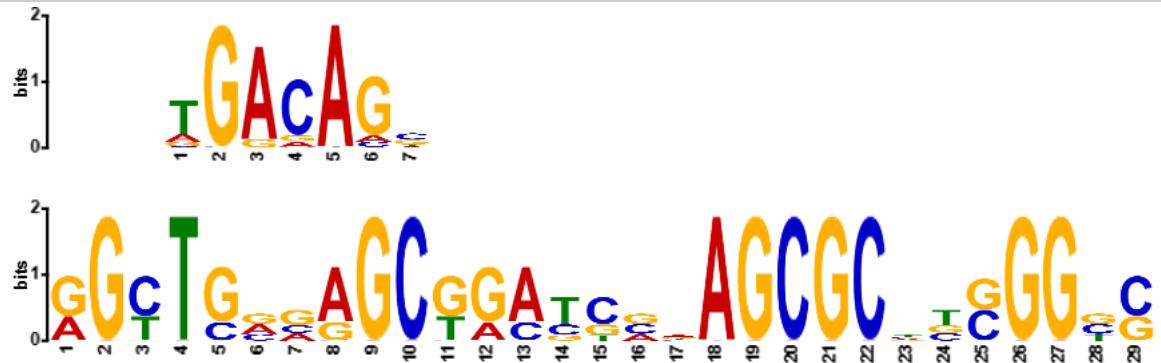
Name	<a href="#">CEBPG_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.54e-02
<i>E</i> -value	6.17e+00
<i>q</i> -value	1.00e+00
Overlap	12
Offset	-7
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	



#### Summary

Name	<a href="#">TGIF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.77e-02
<i>E</i> -value	7.09e+00
<i>q</i> -value	1.00e+00
Overlap	7
Offset	-3
Orientation	Normal
<a href="#">Show logo download options</a>	

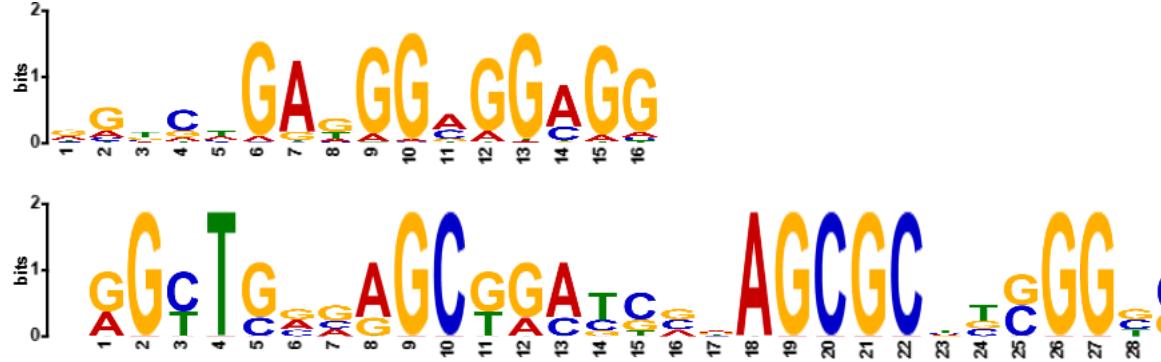
#### Optimal Alignment



#### Summary

Name	<a href="#">ZSC22_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.79e-02
<i>E</i> -value	7.18e+00
<i>q</i> -value	1.00e+00
Overlap	15
Offset	1
Orientation	Normal
<a href="#">Show logo download options</a>	

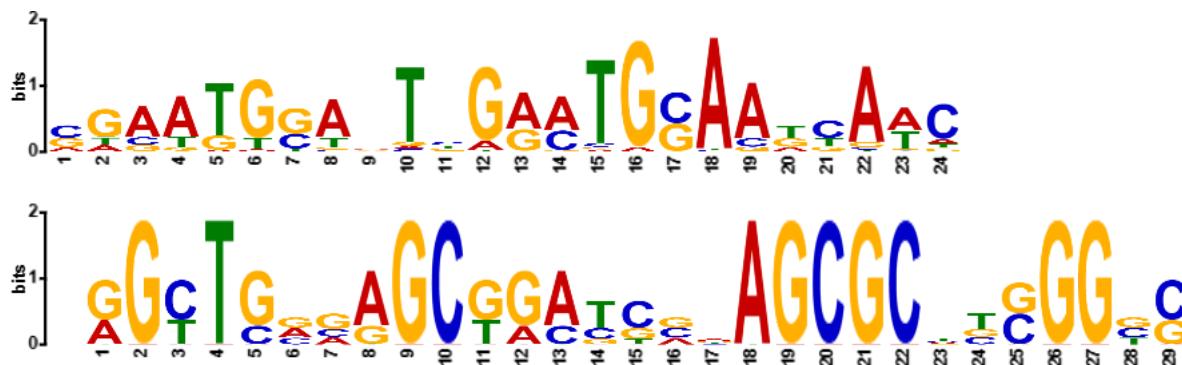
#### Optimal Alignment



#### Summary

#### Optimal Alignment

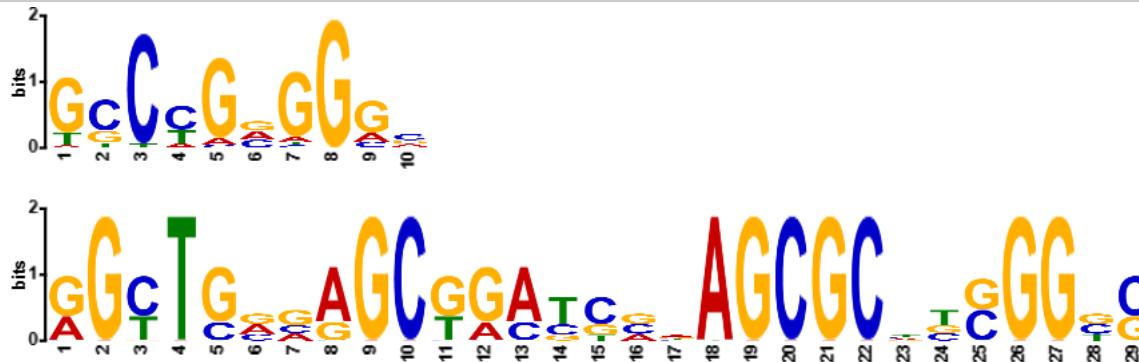
Name	<a href="#">ZN582_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.94e-02
<i>E</i> -value	7.76e+00
<i>q</i> -value	1.00e+00
Overlap	23
Offset	1
Orientation	Normal
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#### Summary

Name	<a href="#">AP2B_HUMAN.H11MO.0.B</a>
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	10
Offset	0
Orientation	Normal
<a href="#">Show logo download options</a>	

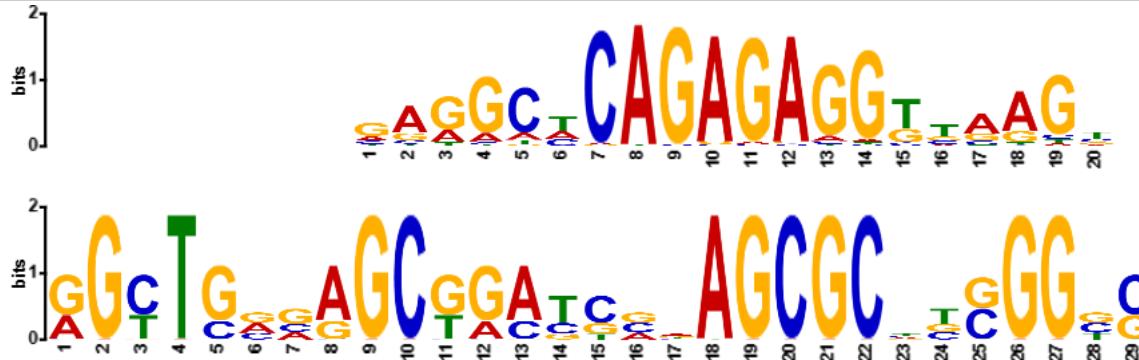
#### Optimal Alignment



#### Summary

Name	<a href="#">ZN768_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.98e-02
<i>E</i> -value	7.94e+00
<i>q</i> -value	1.00e+00
Overlap	20
Offset	-8
Orientation	Normal
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#### Optimal Alignment



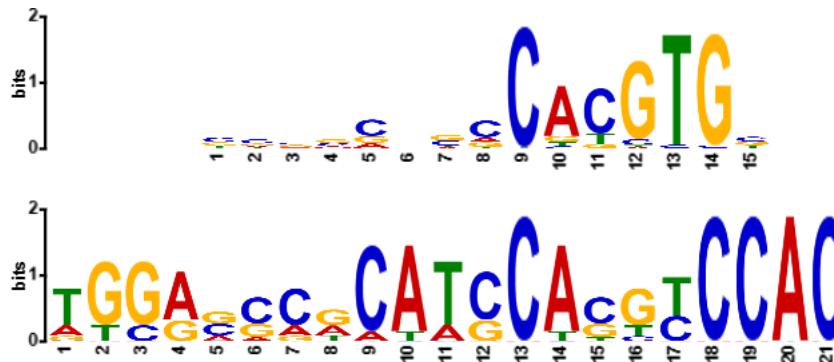
MATCHES TO TGGAVSCRCATCCASGYCCAC (MEME-24)

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#### Summary

#### Optimal Alignment

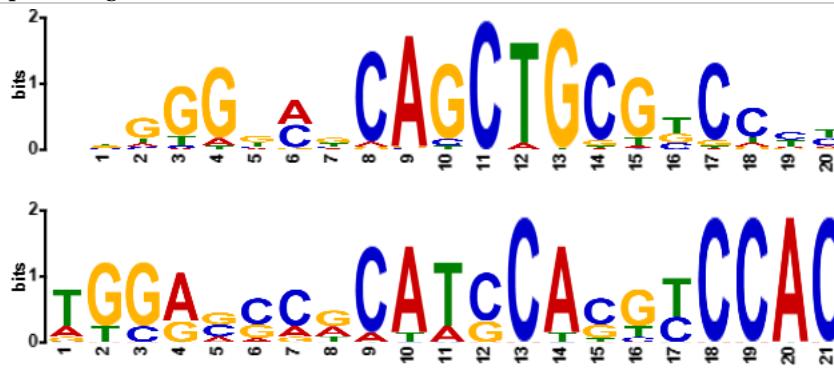
Name	<a href="#">MX1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.10e-03
<i>E</i> -value	4.40e-01
<i>q</i> -value	3.95e-01
Overlap	15
Offset	-4
Orientation	Reverse Complement
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## Summary

Name	<a href="#">HEN1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.74e-03
<i>E</i> -value	6.97e-01
<i>q</i> -value	3.95e-01
Overlap	20
Offset	-1
Orientation	Normal
	<a href="#">Show logo download options</a>

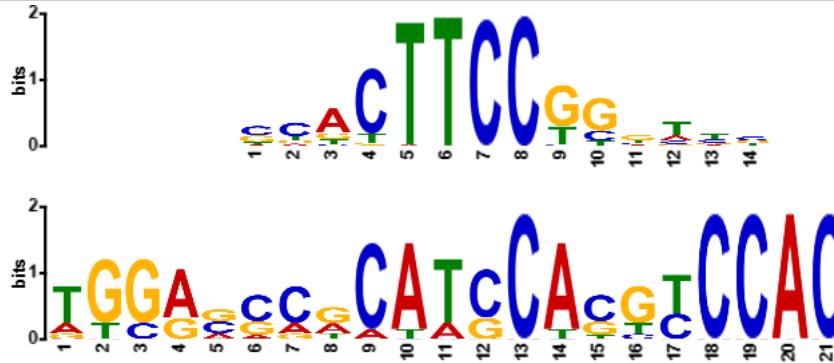
## Optimal Alignment



## Summary

Name	<a href="#">ELF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.15e-03
<i>E</i> -value	8.62e-01
<i>q</i> -value	3.95e-01
Overlap	14
Offset	-5
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

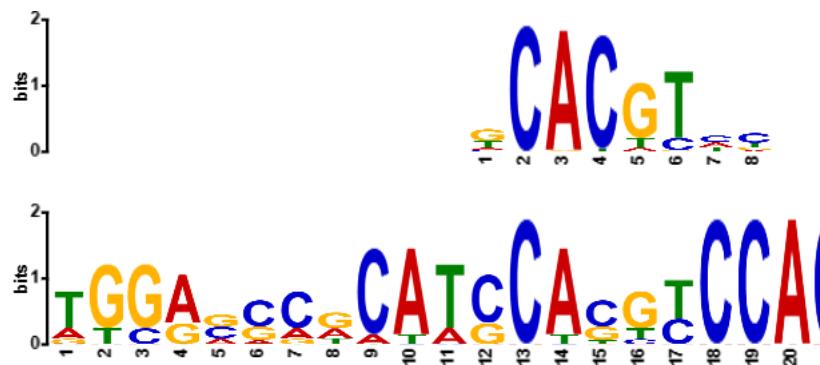
## Optimal Alignment



## Summary

## Optimal Alignment

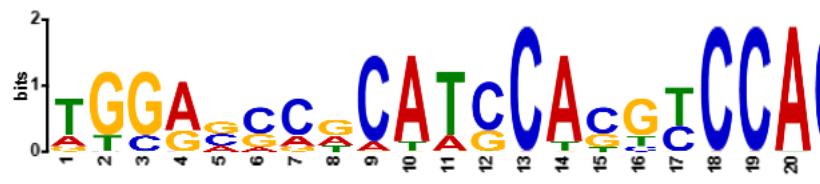
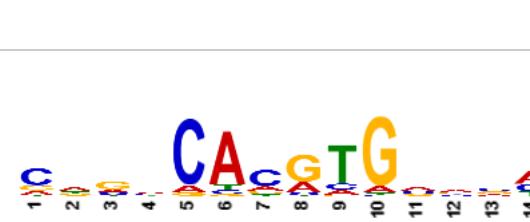
Name	<a href="#">HIF1A_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.50e-03
<i>E</i> -value	1.00e+00
<i>q</i> -value	3.95e-01
Overlap	8
Offset	-11
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	



### Summary

Name	<a href="#">CLOCK_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.08e-03
<i>E</i> -value	1.24e+00
<i>q</i> -value	3.95e-01
Overlap	13
Offset	-8
Orientation	Normal
<a href="#">Show logo download options</a>	

### Optimal Alignment



### Summary

Name	<a href="#">EHF_HUMAN.H11MO.0.B</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	3.95e-01
Overlap	15
Offset	-4
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

### Optimal Alignment



### Summary

### Optimal Alignment

**Name** [GABPA\\_HUMAN.H11MO.0.A](#)

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 3.47e-03

**E-value** 1.39e+00

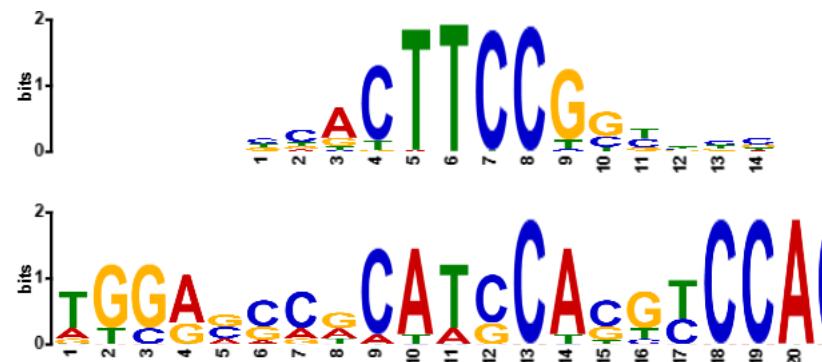
**q-value** 3.95e-01

**Overlap** 14

**Offset** -5

**Orientation** Reverse Complement

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#### Summary

**Name** [EGR1\\_HUMAN.H11MO.0.A](#)

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 6.13e-03

**E-value** 2.46e+00

**q-value** 5.00e-01

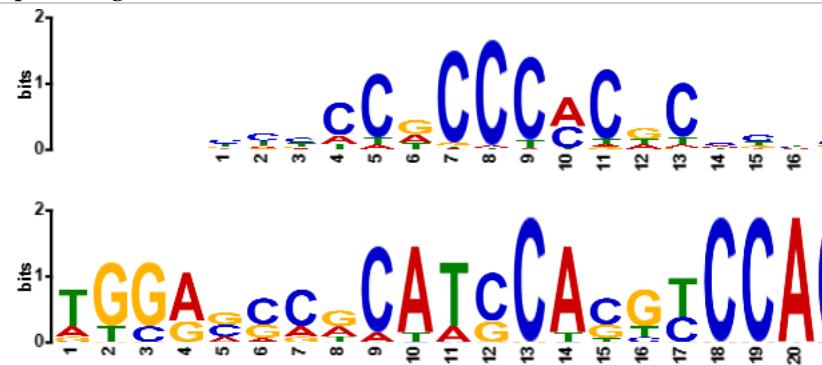
**Overlap** 17

**Offset** -4

**Orientation** Reverse Complement

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#### Optimal Alignment



#### Summary

**Name** [ELF3\\_HUMAN.H11MO.0.A](#)

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 6.88e-03

**E-value** 2.76e+00

**q-value** 5.00e-01

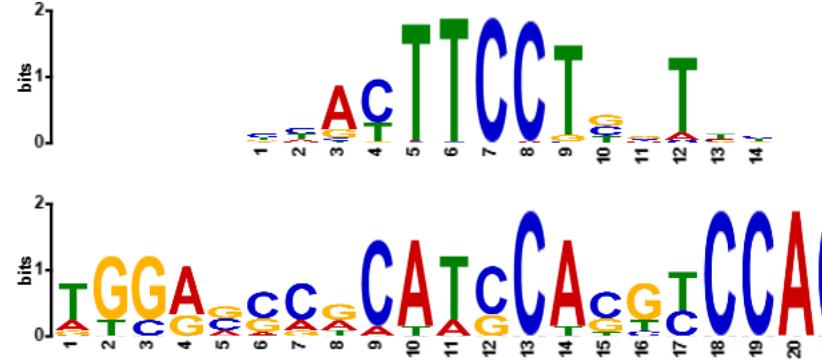
**Overlap** 14

**Offset** -5

**Orientation** Reverse Complement

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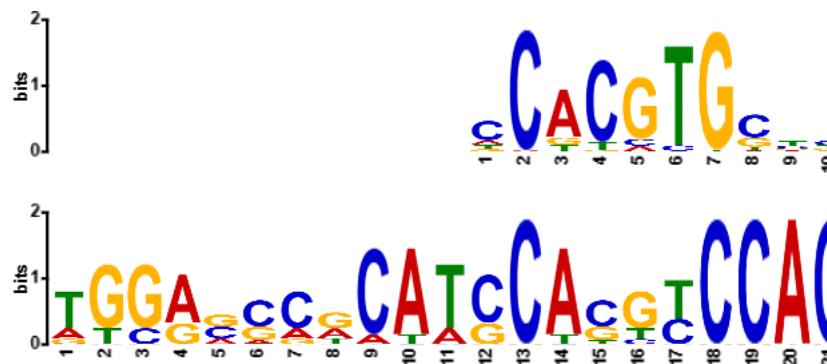
#### Optimal Alignment



#### Summary

#### Optimal Alignment

Name	<a href="#">MAX_HUMAN.H11MO.0.A</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	5.00e-01
Overlap	10
Offset	-11
Orientation	Reverse Complement
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### Summary

Name	<a href="#">ELF2_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.02e-02
<i>E</i> -value	4.10e+00
<i>q</i> -value	6.55e-01
Overlap	13
Offset	-5
Orientation	Reverse Complement
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### Optimal Alignment



### Summary

Name	<a href="#">KLF5_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.07e-02
<i>E</i> -value	4.28e+00
<i>q</i> -value	6.55e-01
Overlap	14
Offset	-6
Orientation	Reverse Complement
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### Optimal Alignment



### Summary

### Optimal Alignment

**Name** [ERG\\_HUMAN.H11MO.0.A](#)

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.35e-02

**E-value** 5.41e+00

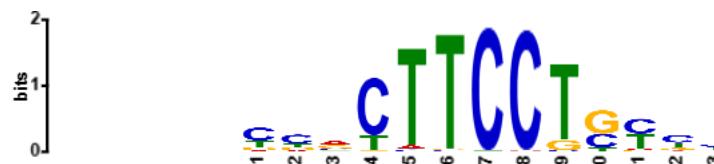
**q-value** 6.85e-01

**Overlap** 13

**Offset** -5

**Orientation** Reverse Complement

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#### Summary

**Name** [ELF5\\_HUMAN.H11MO.0.A](#)

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.44e-02

**E-value** 5.79e+00

**q-value** 6.85e-01

**Overlap** 15

**Offset** -5

**Orientation** Reverse Complement

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#### Optimal Alignment



#### Summary

**Name** [EGR2\\_HUMAN.H11MO.0.A](#)

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.47e-02

**E-value** 5.88e+00

**q-value** 6.85e-01

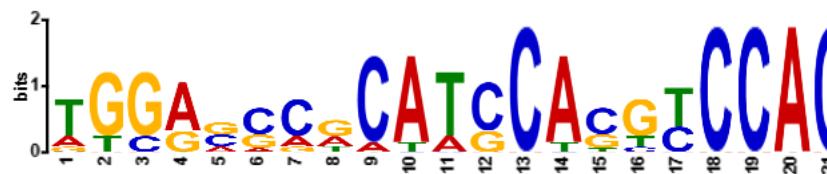
**Overlap** 18

**Offset** -3

**Orientation** Reverse Complement

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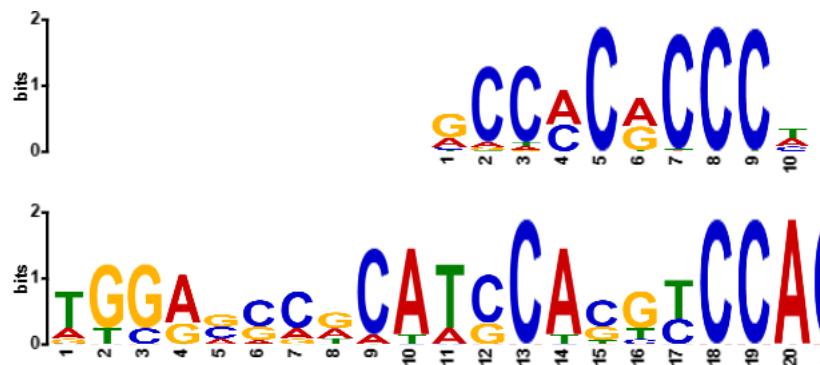
#### Optimal Alignment



#### Summary

#### Optimal Alignment

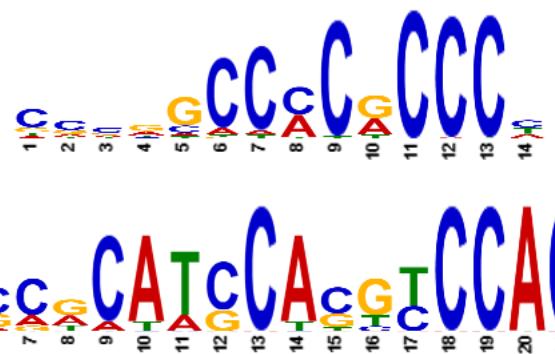
Name	<a href="#">KLF4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.52e-02
<i>E</i> -value	6.08e+00
<i>q</i> -value	6.85e-01
Overlap	10
Offset	-10
Orientation	Reverse Complement
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### Summary

Name	<a href="#">KLF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.55e-02
<i>E</i> -value	6.20e+00
<i>q</i> -value	6.85e-01
Overlap	14
Offset	-6
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

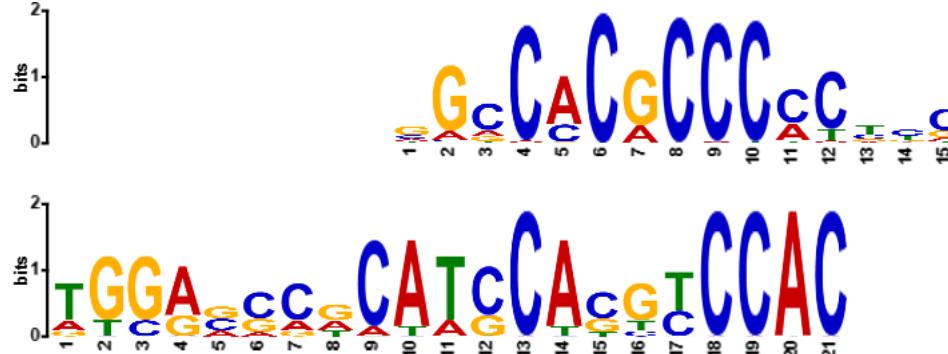
### Optimal Alignment



### Summary

Name	<a href="#">KLF9_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.05e-02
<i>E</i> -value	8.22e+00
<i>q</i> -value	8.61e-01
Overlap	12
Offset	-9
Orientation	Reverse Complement
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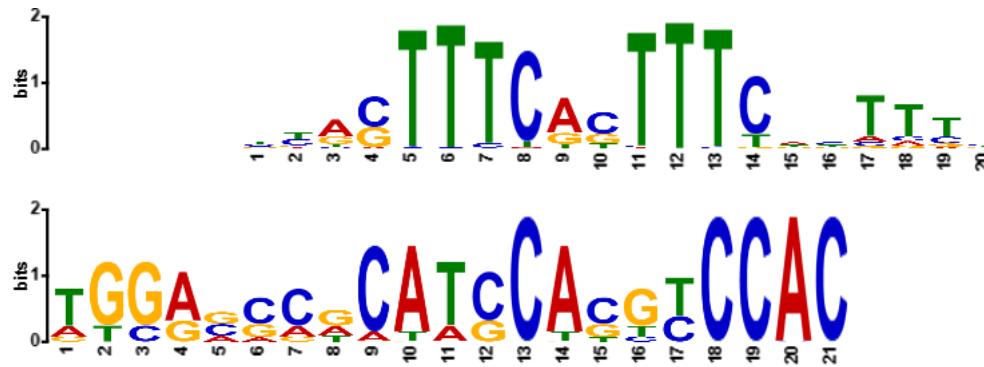
### Optimal Alignment



### Summary

### Optimal Alignment

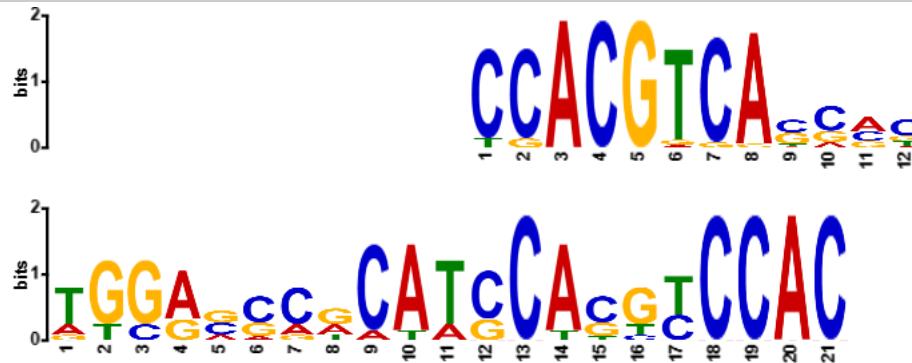
Name	<a href="#">IRF2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.29e-02
<i>E</i> -value	9.20e+00
<i>q</i> -value	8.62e-01
Overlap	16
Offset	-5
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">ATF6A_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.35e-02
<i>E</i> -value	9.41e+00
<i>q</i> -value	8.62e-01
Overlap	10
Offset	-11
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

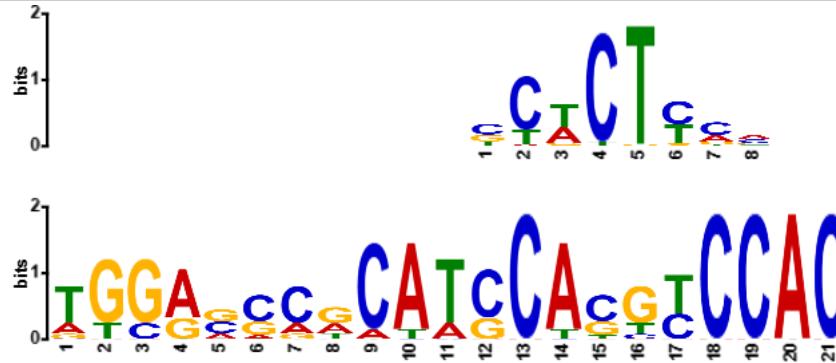
#### Optimal Alignment



#### Summary

Name	<a href="#">NKX25_HUMAN.H11MO.0.B</a>
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	8.62e-01
Overlap	8
Offset	-11
Orientation	Reverse Complement
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#### Optimal Alignment

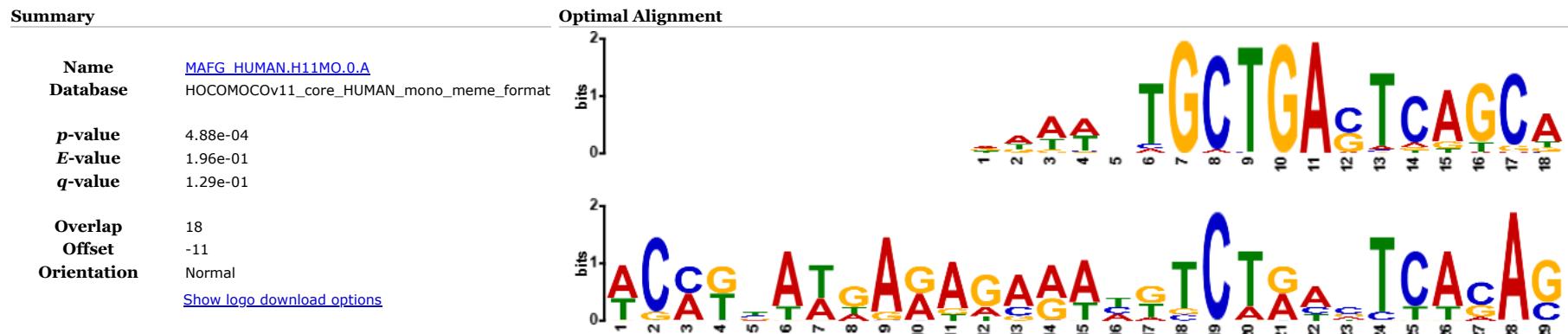
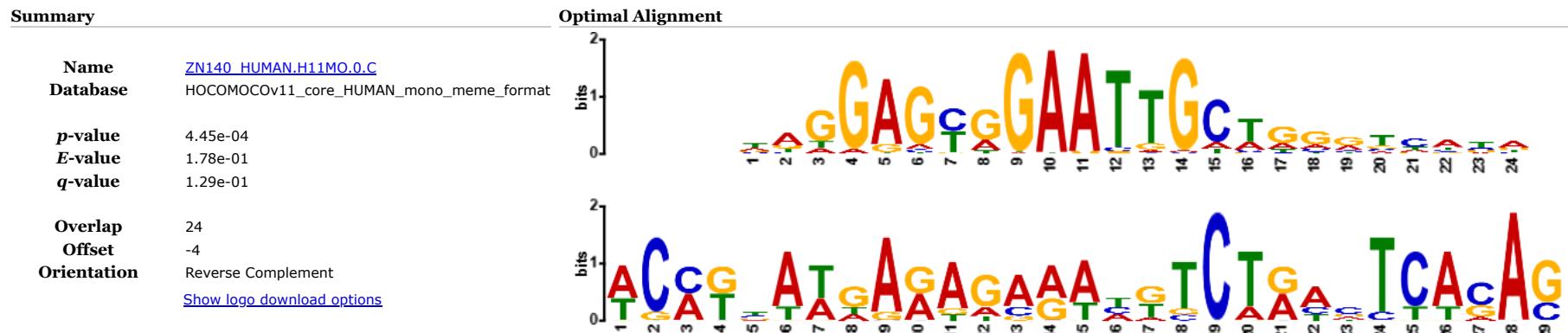
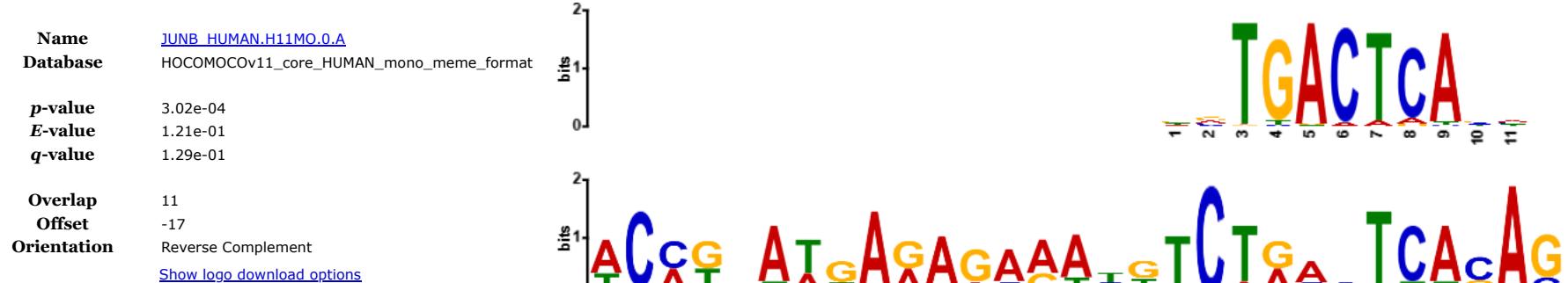


MATCHES TO WCMKBAWGARAGARAHKTCTRACTCASAG (MEME-25)

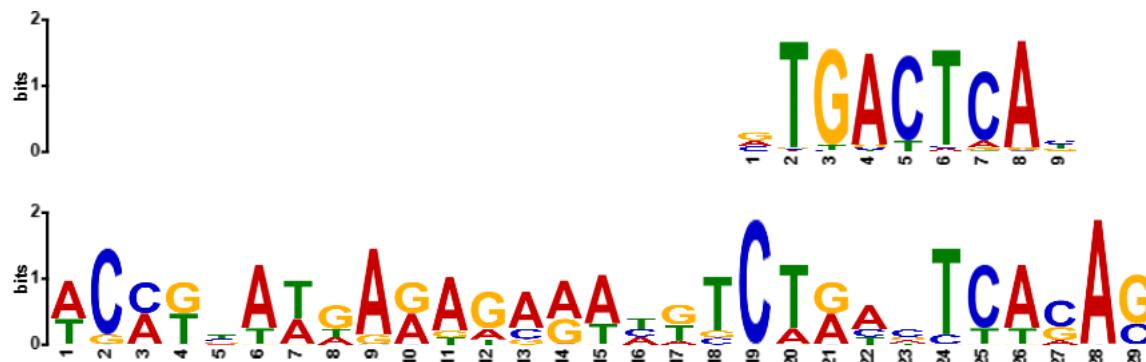
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#### Summary

#### Optimal Alignment



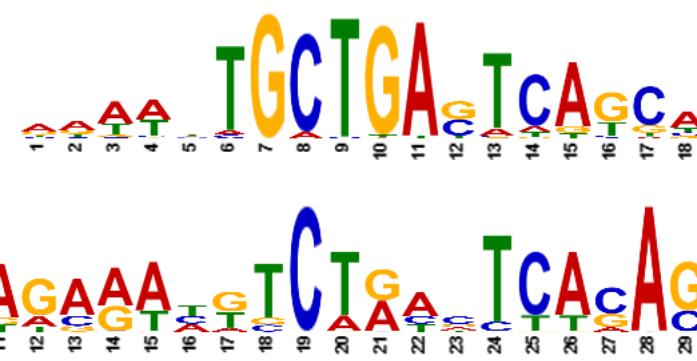
Name	<a href="#">FOS_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.57e-03
<i>E</i> -value	6.30e-01
<i>q</i> -value	2.16e-01
Overlap	9
Offset	-18
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">MAFK_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.77e-03
<i>E</i> -value	7.11e-01
<i>q</i> -value	2.16e-01
Overlap	18
Offset	-11
Orientation	Normal
	<a href="#">Show logo download options</a>

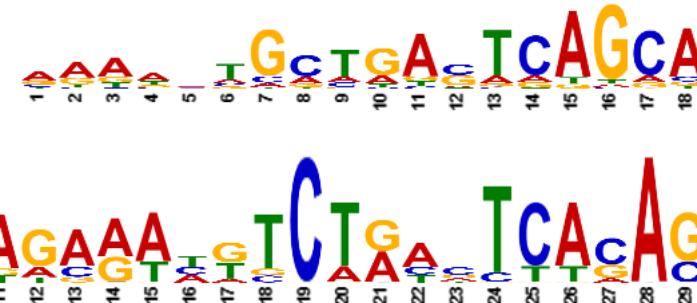
#### Optimal Alignment



#### Summary

Name	<a href="#">MAFF_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.98e-03
<i>E</i> -value	7.95e-01
<i>q</i> -value	2.16e-01
Overlap	18
Offset	-11
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

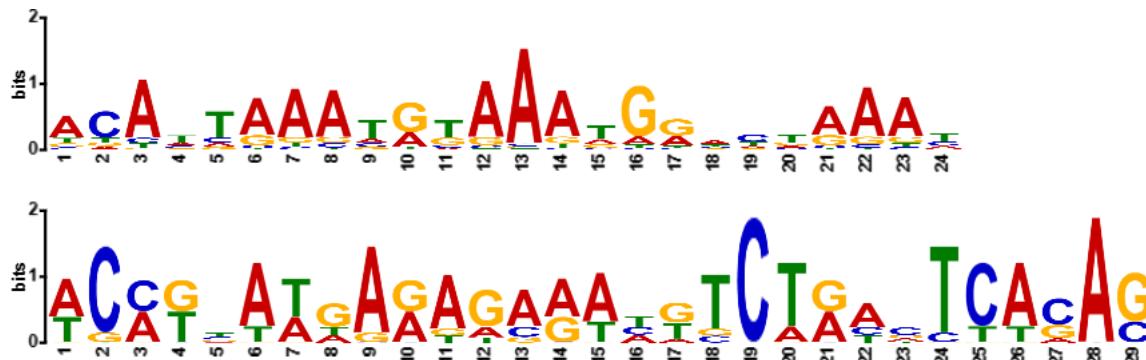
#### Optimal Alignment



#### Summary

#### Optimal Alignment

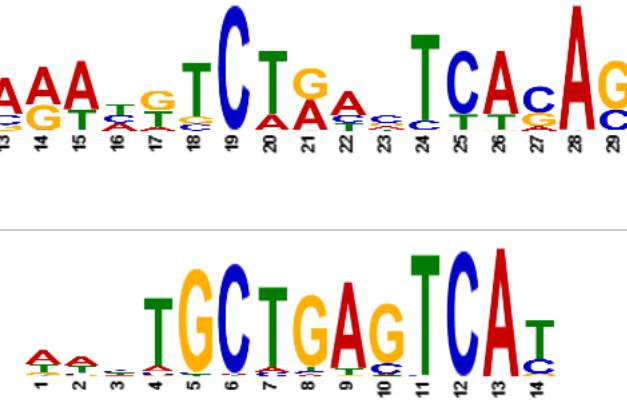
Name	<a href="#">Z354A_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.59e-03
<i>E</i> -value	1.04e+00
<i>q</i> -value	2.16e-01
Overlap	24
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



### Summary

Name	<a href="#">NF2L2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.60e-03
<i>E</i> -value	1.04e+00
<i>q</i> -value	2.16e-01
Overlap	14
Offset	-13
Orientation	Normal
	<a href="#">Show logo download options</a>

### Optimal Alignment



### Summary

Name	<a href="#">MAFB_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.73e-03
<i>E</i> -value	1.09e+00
<i>q</i> -value	2.16e-01
Overlap	11
Offset	-16
Orientation	Normal
	<a href="#">Show logo download options</a>

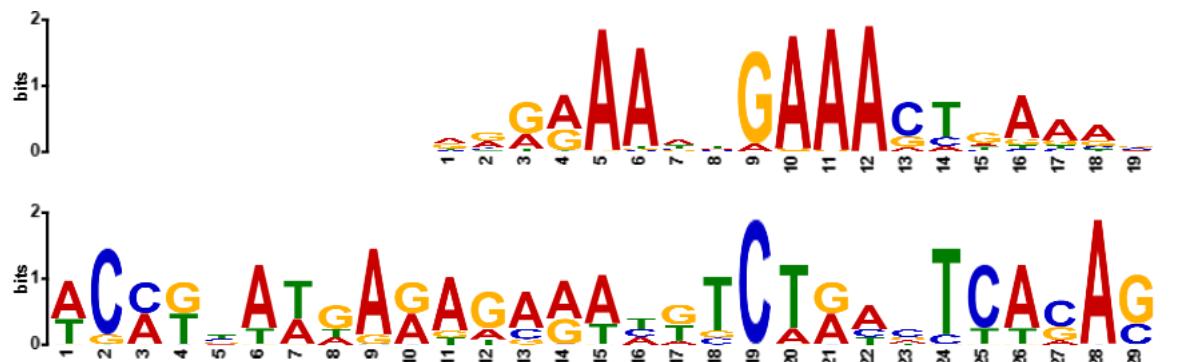
### Optimal Alignment



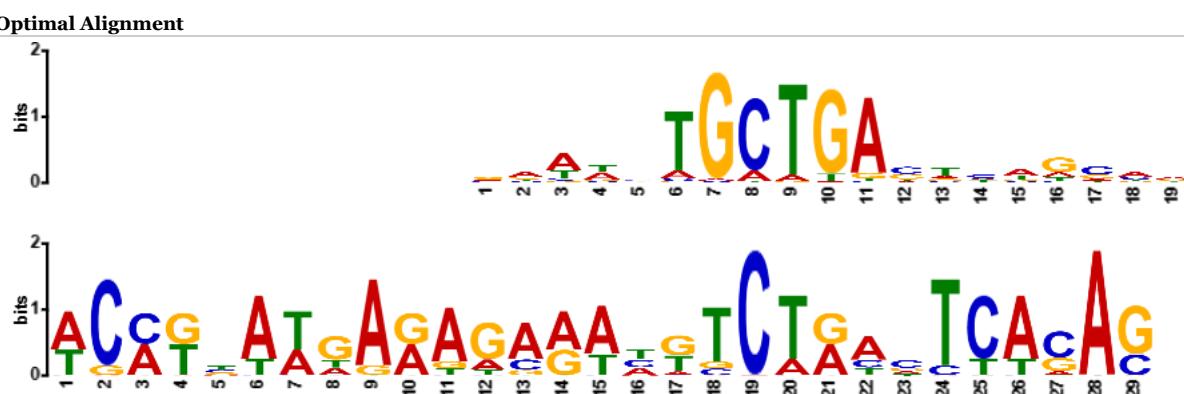
### Summary

### Optimal Alignment

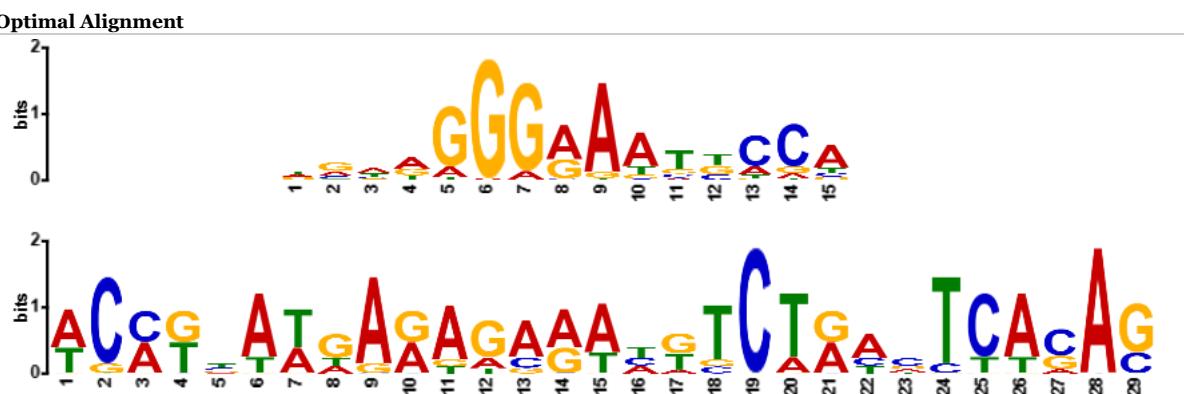
Name	<a href="#">STAT2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.07e-03
<i>E</i> -value	1.23e+00
<i>q</i> -value	2.22e-01
Overlap	19
Offset	-10
Orientation	Normal



Name	<a href="#">MAF_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.89e-03
<i>E</i> -value	1.96e+00
<i>q</i> -value	2.78e-01
Overlap	18
Offset	-11
Orientation	Normal
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Name	<a href="#">REL_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	4.98e-03
E-value	2.00e+00
q-value	2.78e-01
Overlap	15
Offset	-6
Orientation	Normal
	<a href="#">Show logo</a> <a href="#">Download options</a>



## **Summary**

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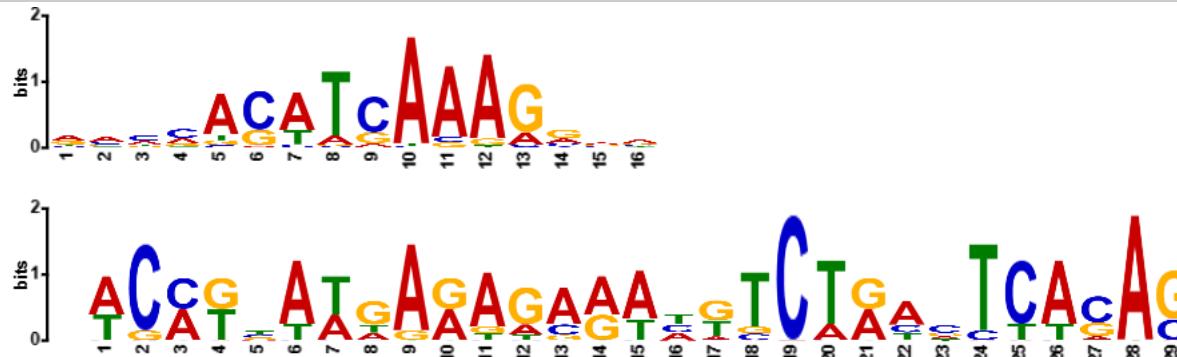
Name	<a href="#">GFI1B_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.11e-03
<i>E</i> -value	2.05e+00
<i>q</i> -value	2.78e-01
Overlap	9
Offset	-20
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">TCF7_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.26e-03
<i>E</i> -value	2.11e+00
<i>q</i> -value	2.78e-01
Overlap	15
Offset	1
Orientation	Normal
<a href="#">Show logo download options</a>	

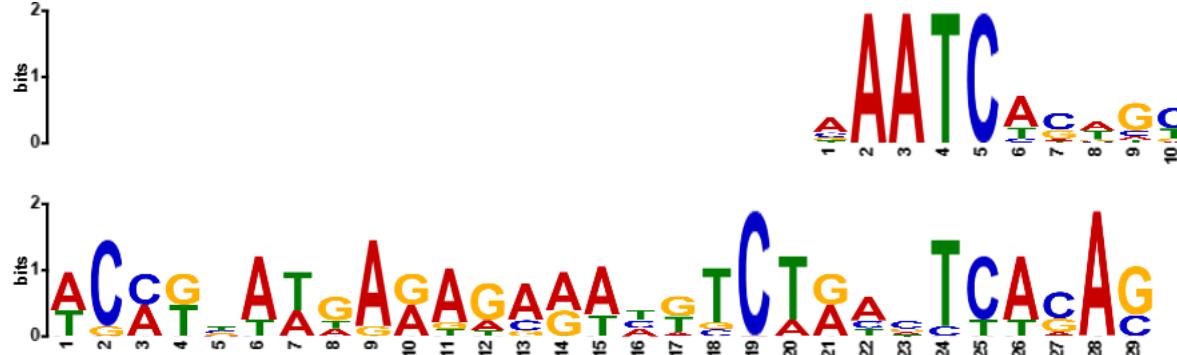
#### Optimal Alignment



#### Summary

Name	<a href="#">GFI1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.89e-03
<i>E</i> -value	2.76e+00
<i>q</i> -value	3.26e-01
Overlap	9
Offset	-20
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

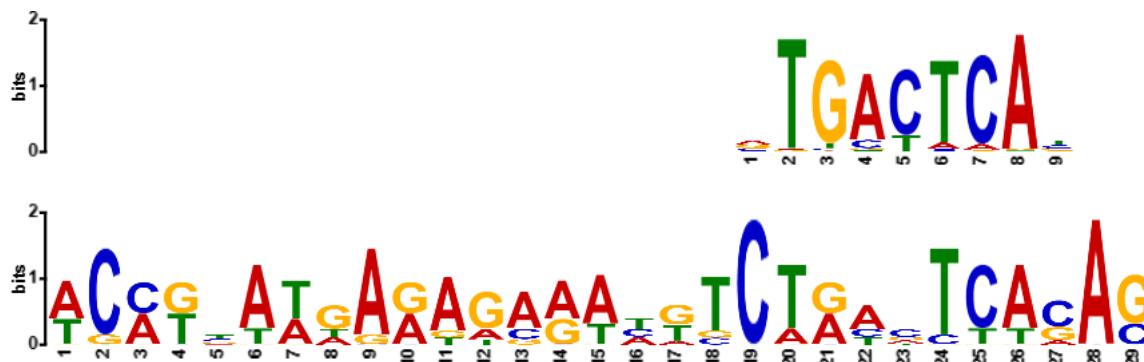
#### Optimal Alignment



#### Summary

#### Optimal Alignment

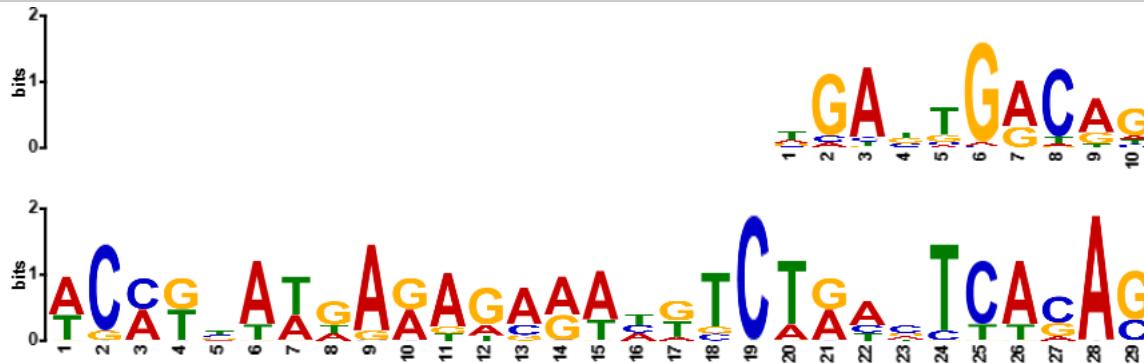
Name	<a href="#">FOSB_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.03e-03
<i>E</i> -value	2.82e+00
<i>q</i> -value	3.26e-01
Overlap	9
Offset	-18
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">PBX1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.41e-03
<i>E</i> -value	2.97e+00
<i>q</i> -value	3.26e-01
Overlap	10
Offset	-19
Orientation	Normal
	<a href="#">Show logo download options</a>

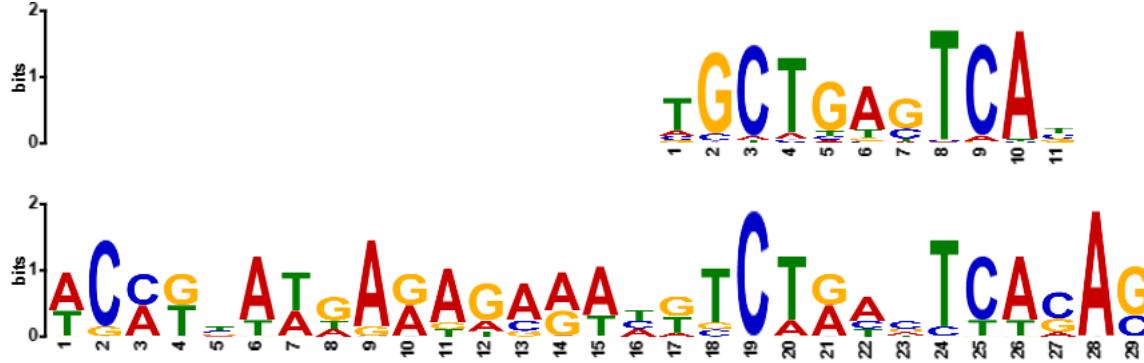
#### Optimal Alignment



#### Summary

Name	<a href="#">BACH2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.46e-03
<i>E</i> -value	3.39e+00
<i>q</i> -value	3.53e-01
Overlap	11
Offset	-16
Orientation	Normal
	<a href="#">Show logo download options</a>

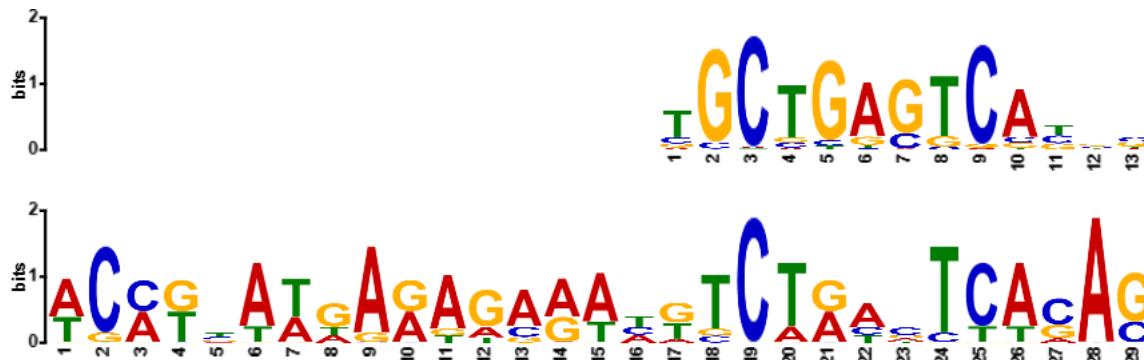
#### Optimal Alignment



#### Summary

#### Optimal Alignment

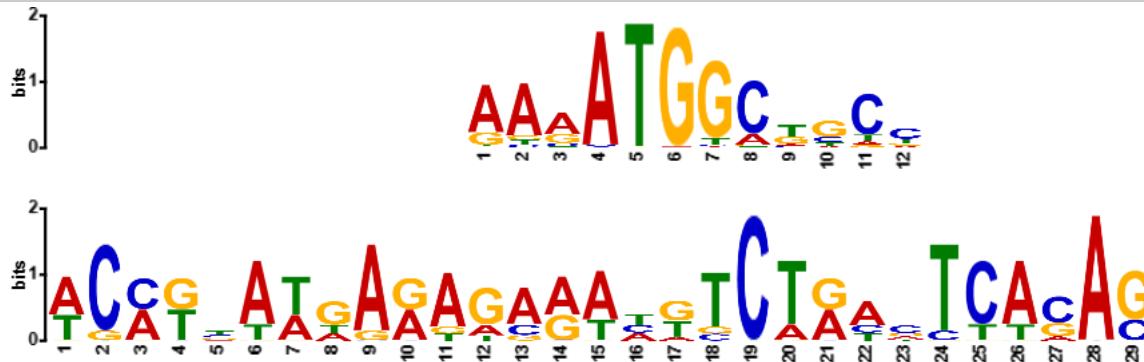
Name	<a href="#">BACH1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.16e-02
<i>E</i> -value	4.66e+00
<i>q</i> -value	4.61e-01
Overlap	13
Offset	-16
Orientation	Normal
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### Summary

Name	<a href="#">ZFP42_HUMAN.H11MO.0.A</a>
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	6.40e-01
Overlap	12
Offset	-11
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

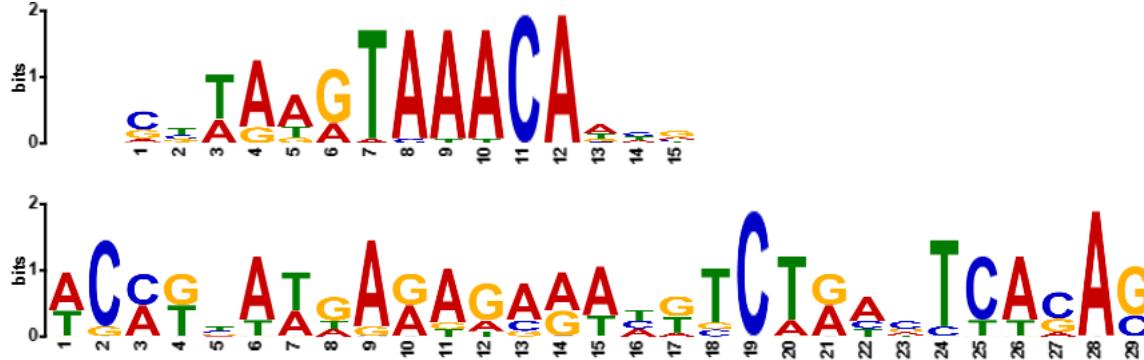
### Optimal Alignment



### Summary

Name	<a href="#">FOXC1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.82e-02
<i>E</i> -value	7.30e+00
<i>q</i> -value	6.40e-01
Overlap	15
Offset	-2
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

### Optimal Alignment



### Summary

### Optimal Alignment

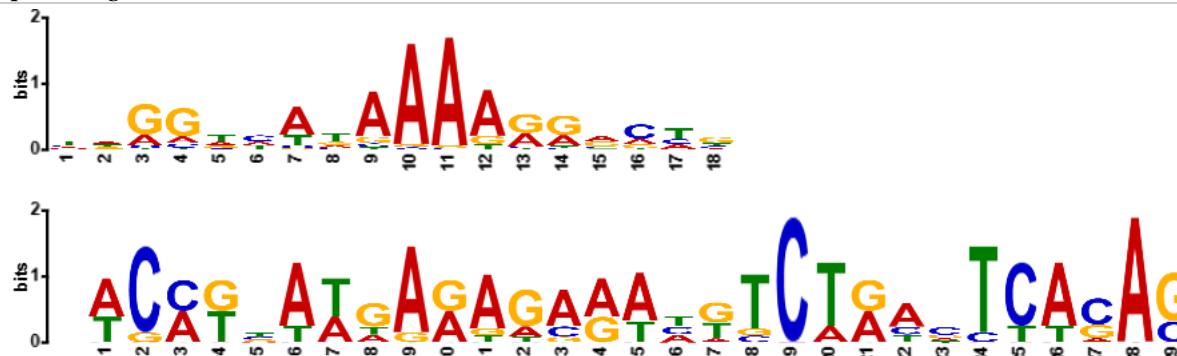
Name	<a href="#">PKNX1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.86e-02
<i>E</i> -value	7.44e+00
<i>q</i> -value	6.40e-01
Overlap	10
Offset	-19
Orientation	Normal
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### Summary

Name	<a href="#">ZN350_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.00e-02
<i>E</i> -value	8.02e+00
<i>q</i> -value	6.54e-01
Overlap	17
Offset	1
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

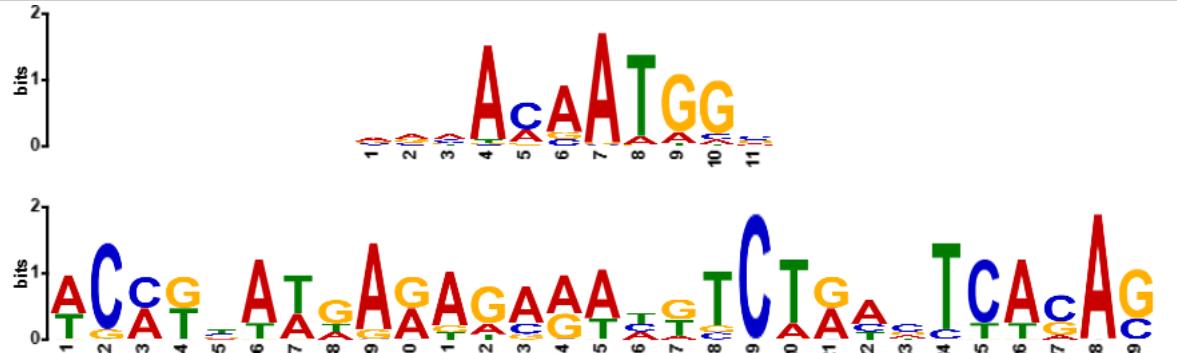
### Optimal Alignment



### Summary

Name	<a href="#">SOX17_HUMAN.H11MO.0.C</a>
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	6.80e-01
Overlap	11
Offset	-8
Orientation	Reverse Complement
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### Optimal Alignment



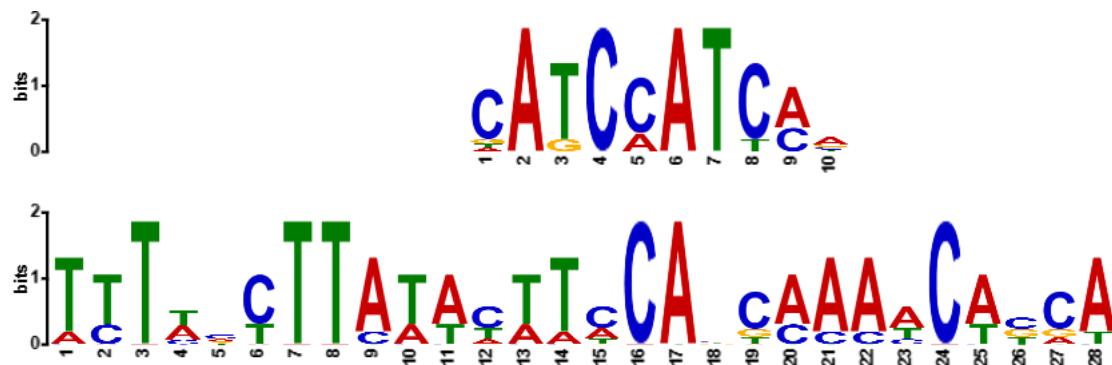
MATCHES TO TTTWMCTTATAYTTMCANCAAWCABC (MEME-26)

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### Summary

### Optimal Alignment

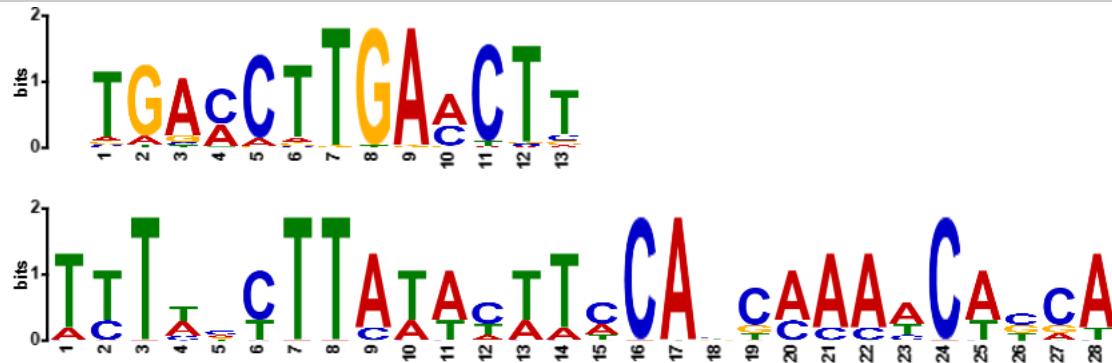
Name	<a href="#">HXA1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.62e-04
<i>E</i> -value	1.85e-01
<i>q</i> -value	3.69e-01
Overlap	10
Offset	-11
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">NR6A1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.31e-03
<i>E</i> -value	9.25e-01
<i>q</i> -value	7.15e-01
Overlap	13
Offset	-1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

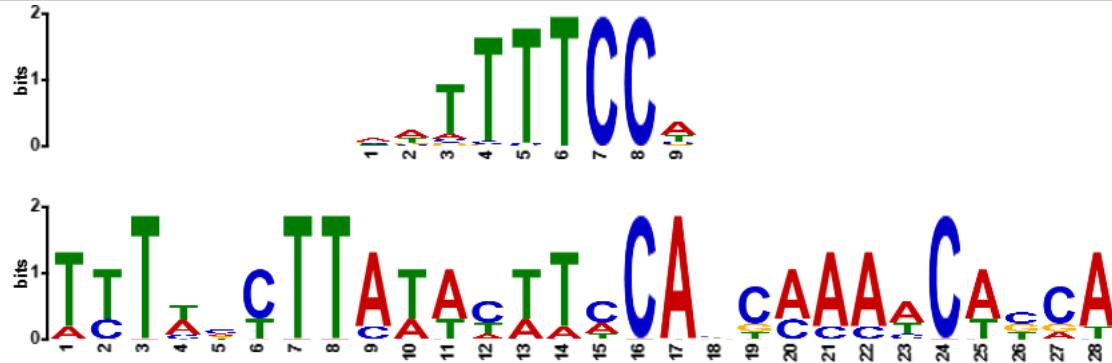
## Optimal Alignment



## Summary

Name	<a href="#">NFAC2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.32e-03
<i>E</i> -value	1.33e+00
<i>q</i> -value	7.15e-01
Overlap	9
Offset	-8
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

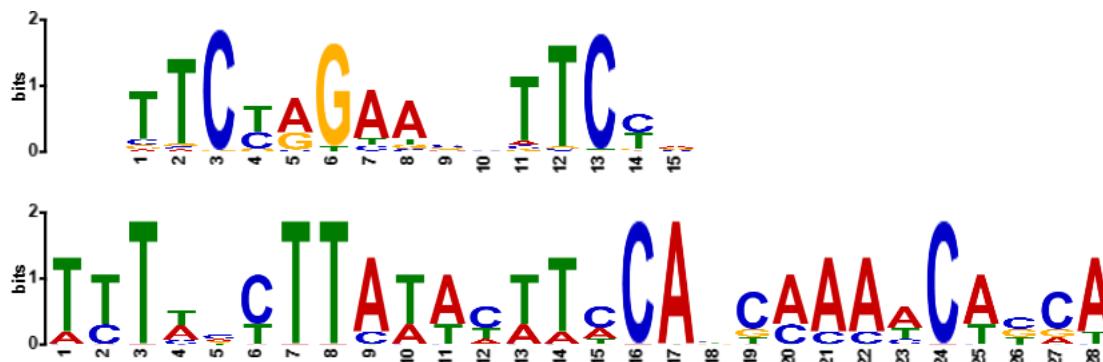
## Optimal Alignment



## Summary

## Optimal Alignment

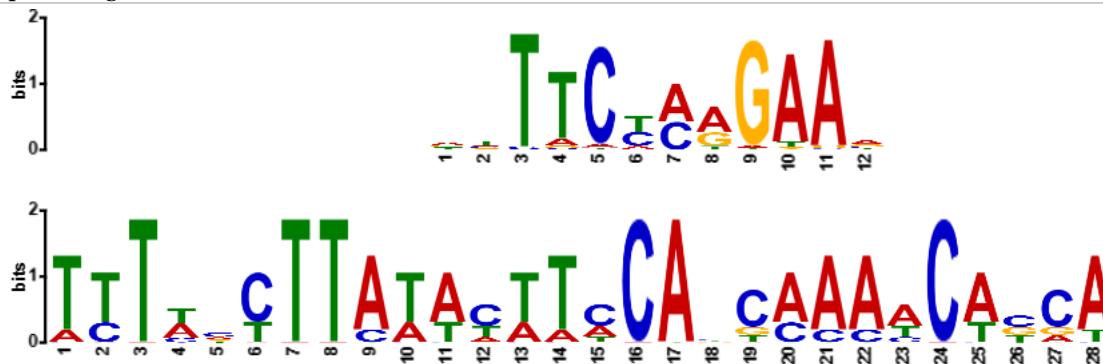
Name	<a href="#">HSF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.34e-03
<i>E</i> -value	2.14e+00
<i>q</i> -value	7.15e-01
Overlap	15
Offset	-2
Orientation	Reverse Complement
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## Summary

Name	<a href="#">STA5B_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.46e-03
<i>E</i> -value	2.19e+00
<i>q</i> -value	7.15e-01
Overlap	12
Offset	-10
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

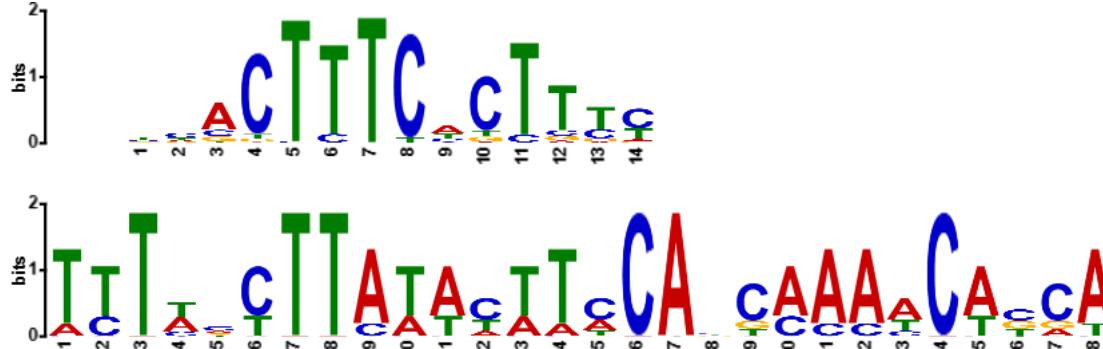
## Optimal Alignment



## Summary

Name	<a href="#">PRDM1_HUMAN.H11MO.0.A</a>
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	7.15e-01
Overlap	14
Offset	-2
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

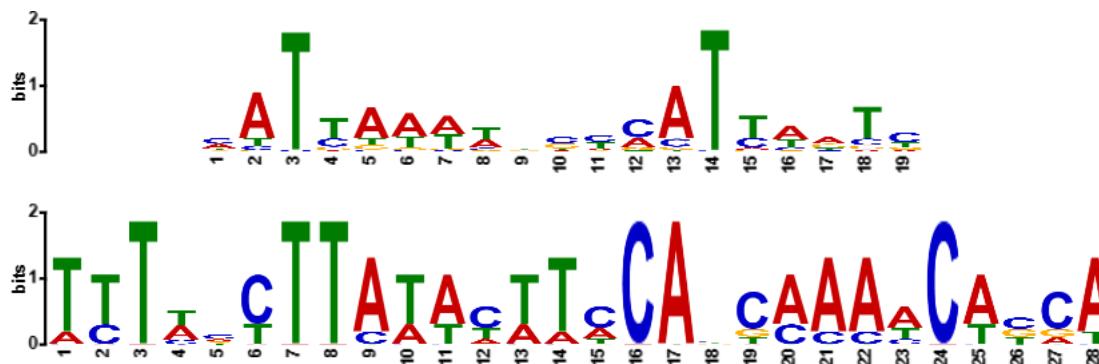
## Optimal Alignment



## Summary

## Optimal Alignment

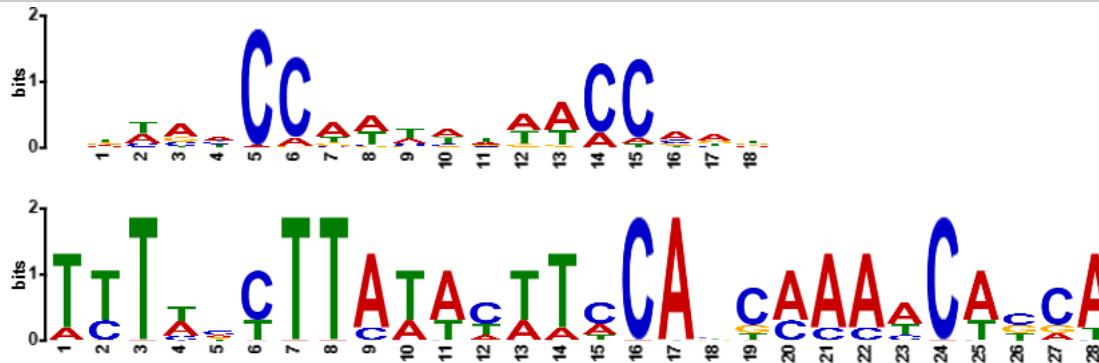
Name	<a href="#">NKX61_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.27e-03
<i>E</i> -value	2.52e+00
<i>q</i> -value	7.15e-01
Overlap	19
Offset	-4
Orientation	Reverse Complement
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### Summary

Name	<a href="#">AIRE_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.92e-03
<i>E</i> -value	3.17e+00
<i>q</i> -value	7.89e-01
Overlap	18
Offset	-1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

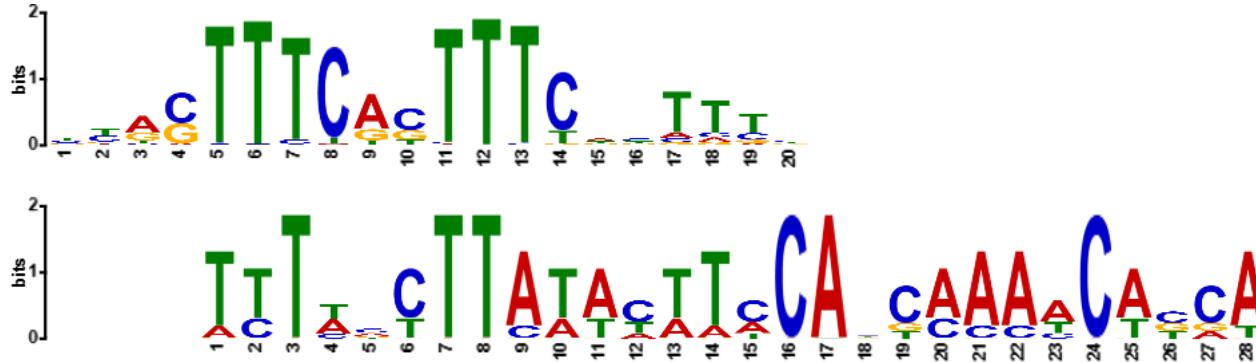
### Optimal Alignment



### Summary

Name	<a href="#">IRF2_HUMAN.H11MO.0.A</a>
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	7.89e-01
Overlap	16
Offset	4
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

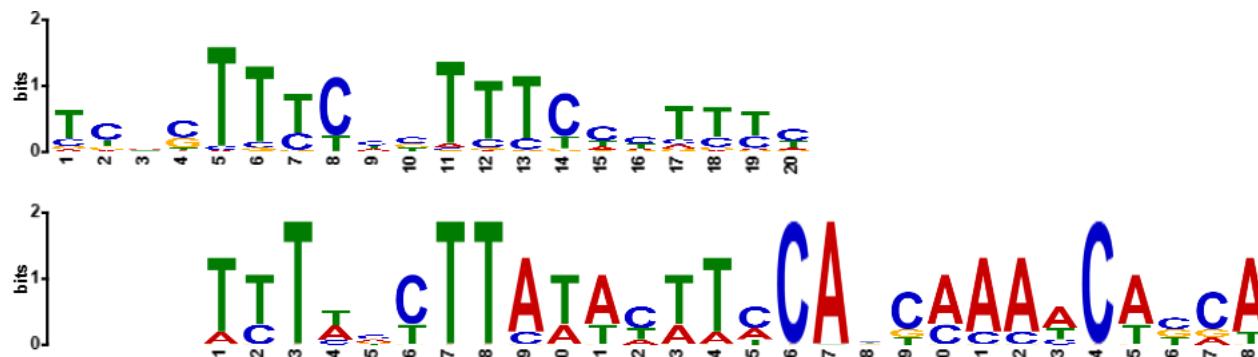
### Optimal Alignment



### Summary

### Optimal Alignment

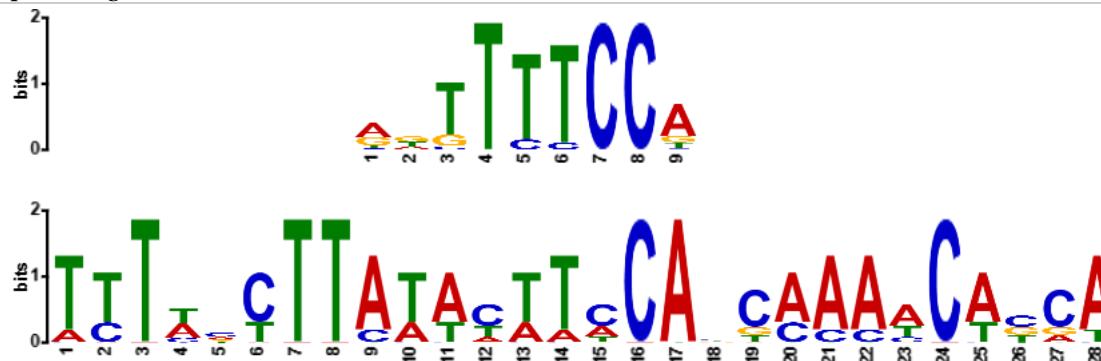
Name	<a href="#">IRF3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.16e-02
<i>E</i> -value	4.65e+00
<i>q</i> -value	7.89e-01
Overlap	16
Offset	4
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">NFAC3_HUMAN.H11MO.0.B</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	7.89e-01
Overlap	9
Offset	-8
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

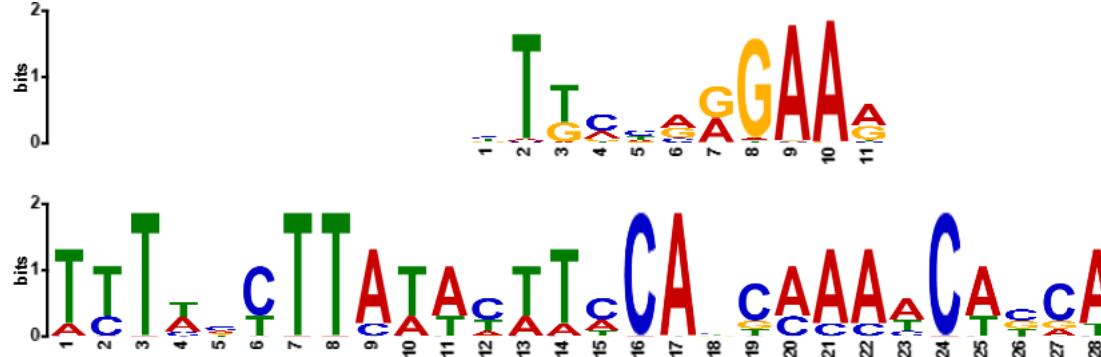
#### Optimal Alignment



#### Summary

Name	<a href="#">STAT4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.36e-02
<i>E</i> -value	5.45e+00
<i>q</i> -value	7.89e-01
Overlap	11
Offset	-11
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

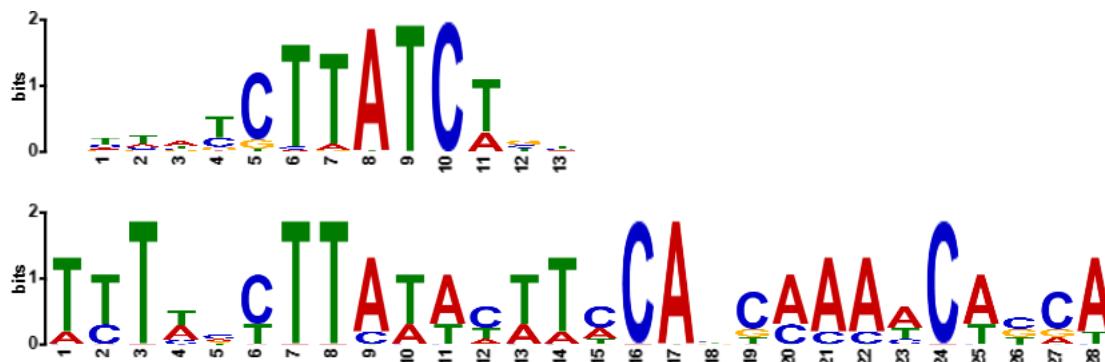
#### Optimal Alignment



#### Summary

#### Optimal Alignment

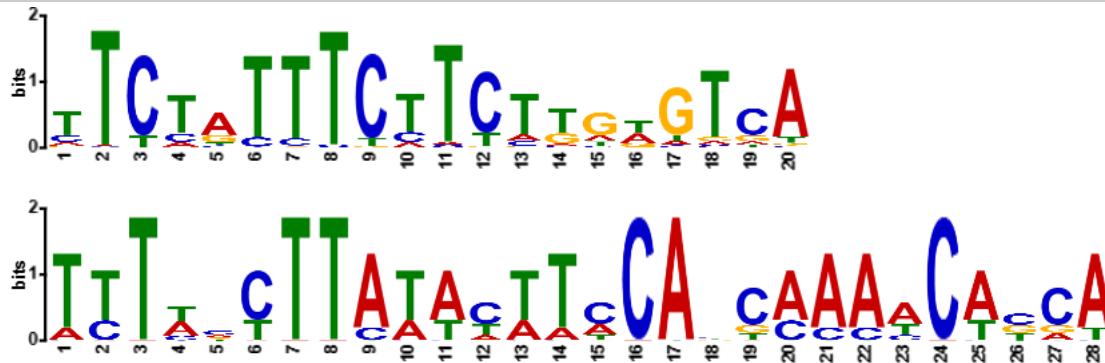
Name	<a href="#">GATA6_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.58e-02
<i>E</i> -value	6.33e+00
<i>q</i> -value	7.89e-01
Overlap	13
Offset	-1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



#### Summary

Name	<a href="#">ZFP28_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.66e-02
<i>E</i> -value	6.67e+00
<i>q</i> -value	7.89e-01
Overlap	20
Offset	0
Orientation	Normal
	<a href="#">Show logo download options</a>

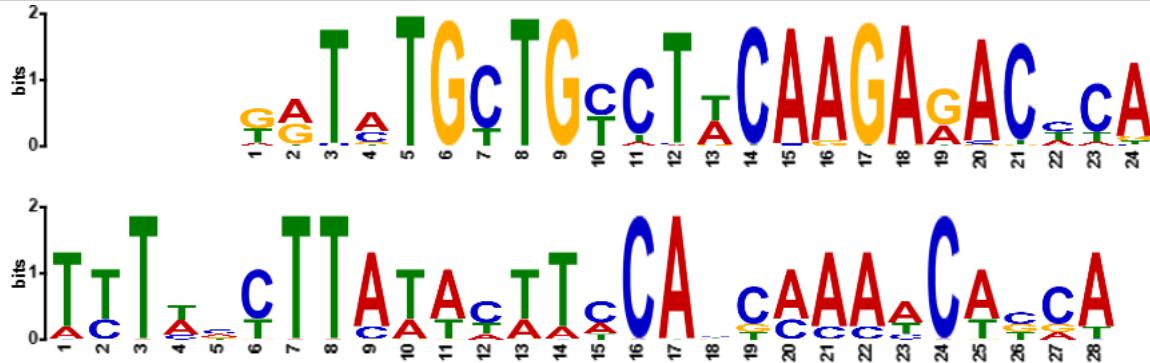
#### Optimal Alignment



#### Summary

Name	<a href="#">ZN490_HUMAN.H11MO.0.C</a>
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	7.89e-01
Overlap	23
Offset	-5
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

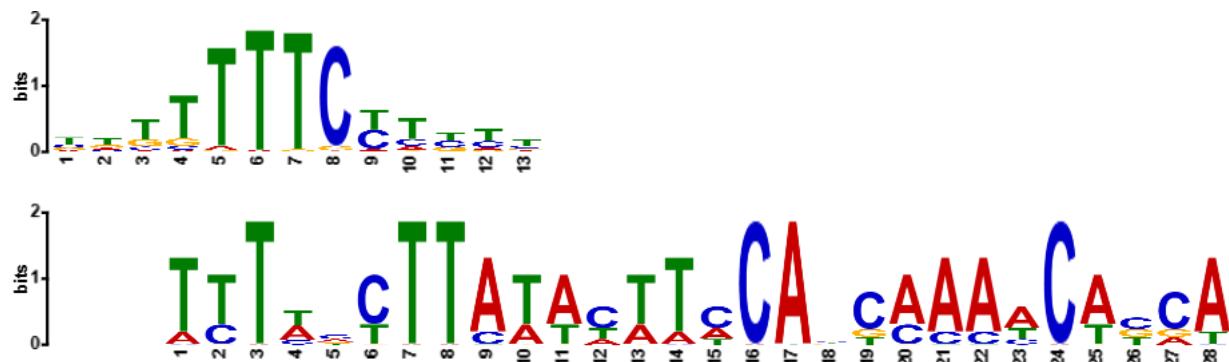
#### Optimal Alignment



#### Summary

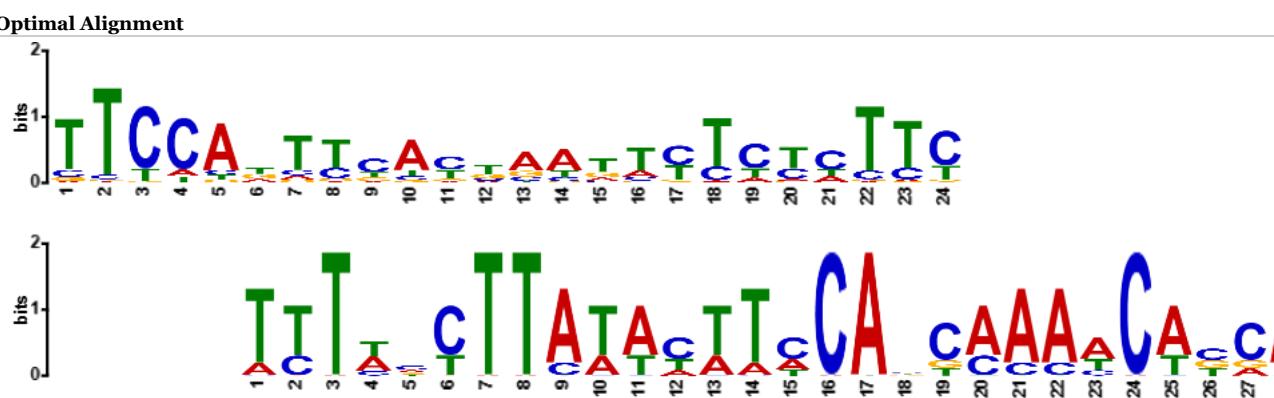
#### Optimal Alignment

<b>Name</b>	<u>PRDM6_HUMAN.H11MO.0.C</u>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.77e-02
<b>E-value</b>	7.09e+00
<b>q-value</b>	7.89e-01
<b>Overlap</b>	10
<b>Offset</b>	3
<b>Orientation</b>	Reverse Complement
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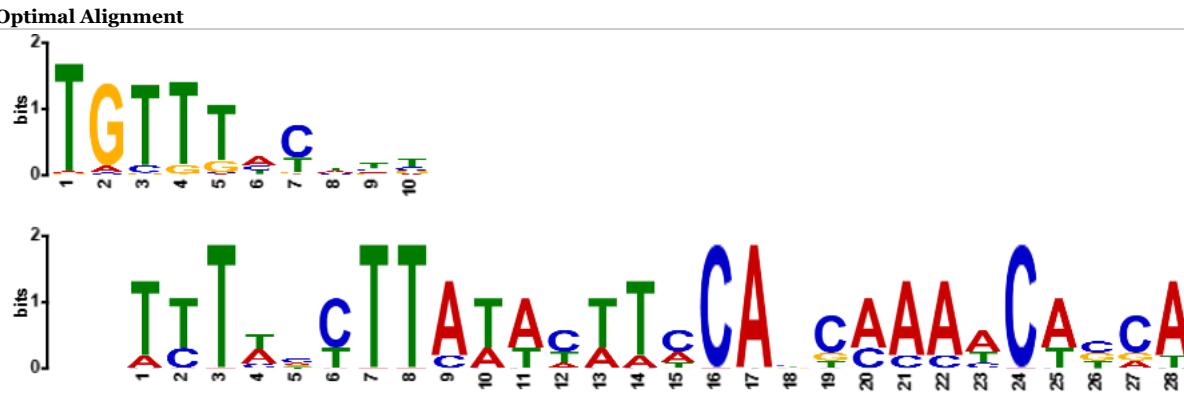
## Summary

<b>Name</b>	<a href="#">ZFP82_HUMAN.H11MO.0.C</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.78e-02
<b>E-value</b>	7.15e+00
<b>q-value</b>	7.89e-01
<b>Overlap</b>	19
<b>Offset</b>	5
<b>Orientation</b>	Normal
	<a href="#">Show logo download options</a>



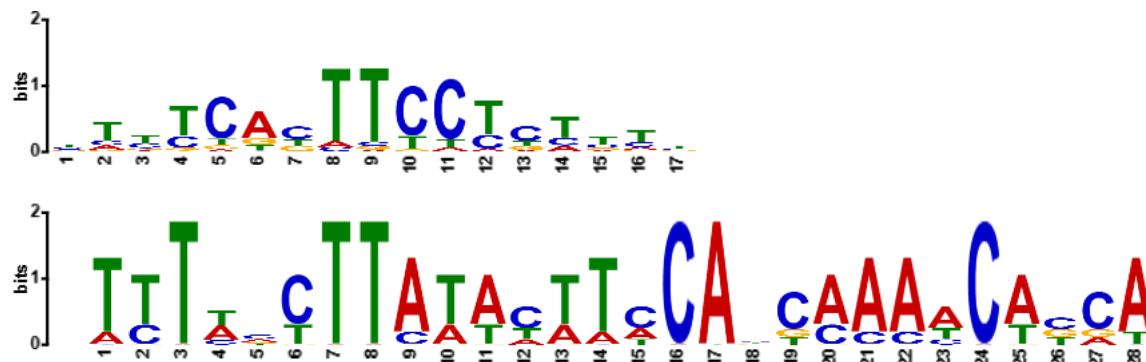
## Summary

<b>Name</b>	<a href="#">FOXK1_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.90e-02
<b>E-value</b>	7.61e+00
<b>q-value</b>	7.89e-01
<b>Overlap</b>	8
<b>Offset</b>	2
<b>Orientation</b>	Normal
	<a href="#">Show logo</a> <a href="#">Download options</a>



## **Summary**

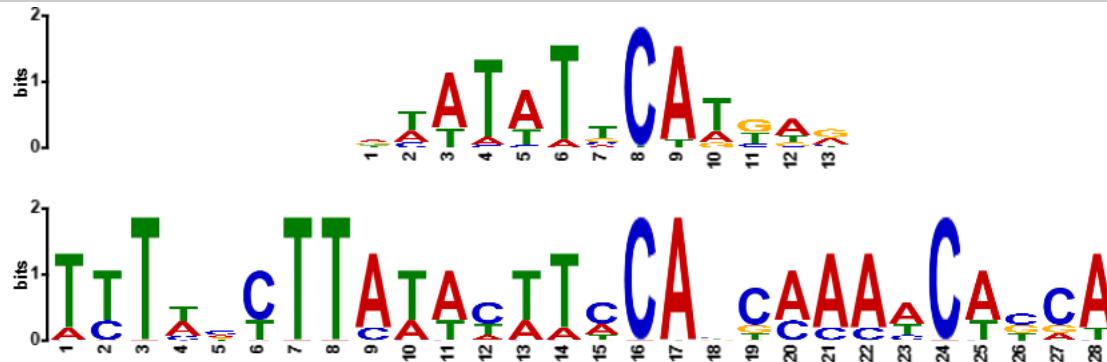
Name	<a href="#">BC11A_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.91e-02
<i>E</i> -value	7.67e+00
<i>q</i> -value	7.89e-01
Overlap	16
Offset	1
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">PIT1_HUMAN.H11MO.0.C</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	7.89e-01
Overlap	13
Offset	-8
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

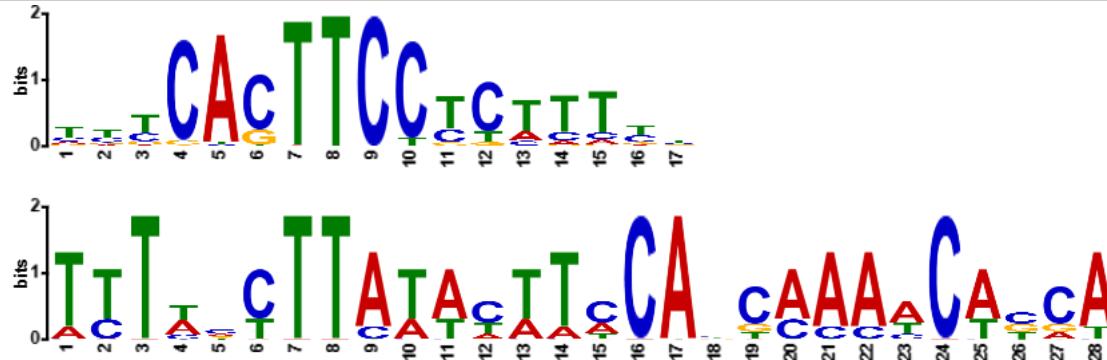
#### Optimal Alignment



#### Summary

Name	<a href="#">SPIB_HUMAN.H11MO.0.A</a>
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	8.77e-01
Overlap	17
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

#### Optimal Alignment



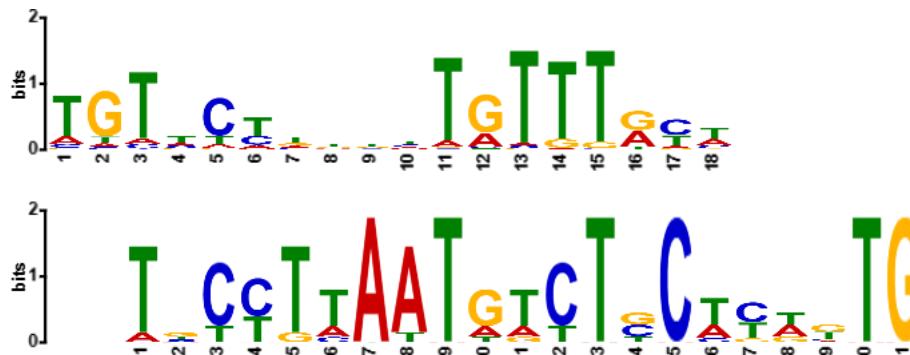
MATCHES TO TBCYTTAACATGTCTBCWYDKTG (MEME-27)

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#### Summary

#### Optimal Alignment

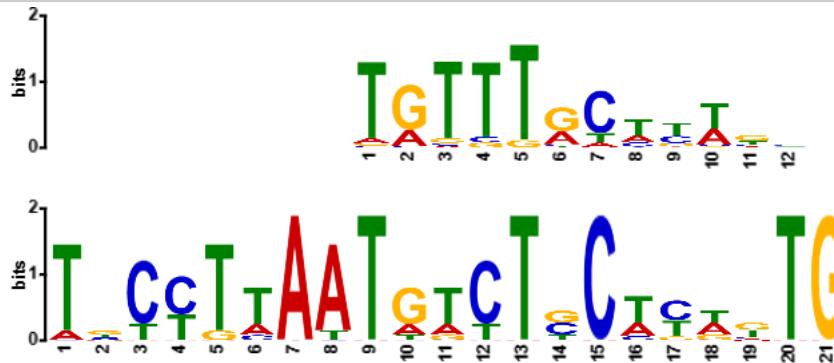
Name	<a href="#">ANDR_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	9.34e-04
E-value	3.74e-01
q-value	4.03e-01
Overlap	16
Offset	2
Orientation	Normal
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#### Summary

Name	<a href="#">FOXM1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	1.34e-03
E-value	5.38e-01
q-value	4.03e-01
Overlap	12
Offset	-8
Orientation	Normal
<a href="#">Show logo download options</a>	

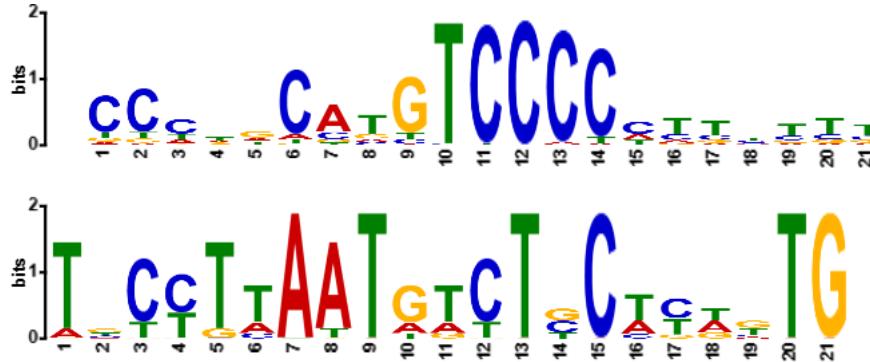
#### Optimal Alignment



#### Summary

Name	<a href="#">ZN816_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
p-value	2.47e-03
E-value	9.92e-01
q-value	4.03e-01
Overlap	20
Offset	-1
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

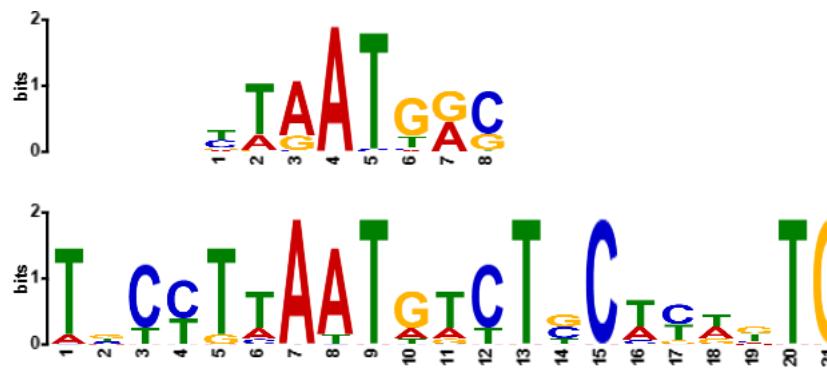
#### Optimal Alignment



#### Summary

#### Optimal Alignment

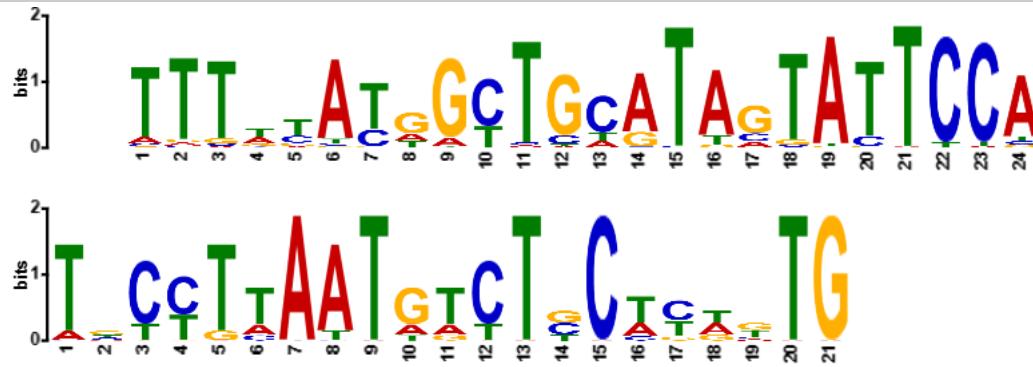
Name	<a href="#">HXB4_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.48e-03
<i>E</i> -value	9.96e-01
<i>q</i> -value	4.03e-01
Overlap	8
Offset	-4
Orientation	Normal
<a href="#">Show logo download options</a>	



#### Summary

Name	<a href="#">ZN260_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.54e-03
<i>E</i> -value	1.02e+00
<i>q</i> -value	4.03e-01
Overlap	19
Offset	-2
Orientation	Normal
<a href="#">Show logo download options</a>	

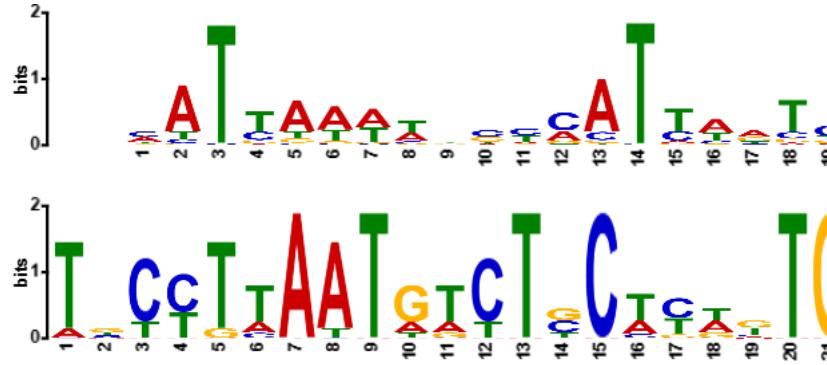
#### Optimal Alignment



#### Summary

Name	<a href="#">NKX61_HUMAN.H11MO.0.B</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	5.42e-01
Overlap	19
Offset	-2
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

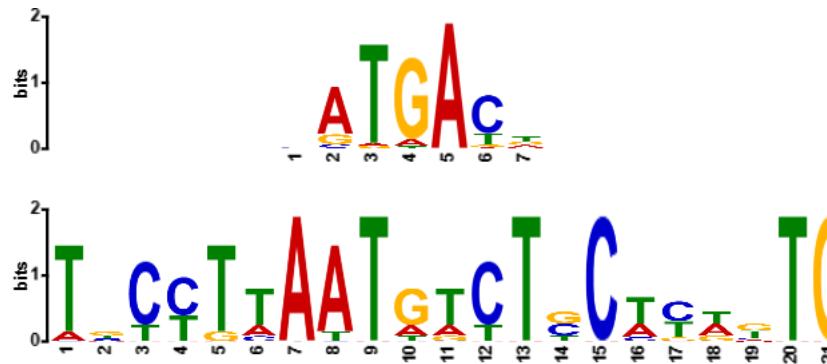
#### Optimal Alignment



#### Summary

#### Optimal Alignment

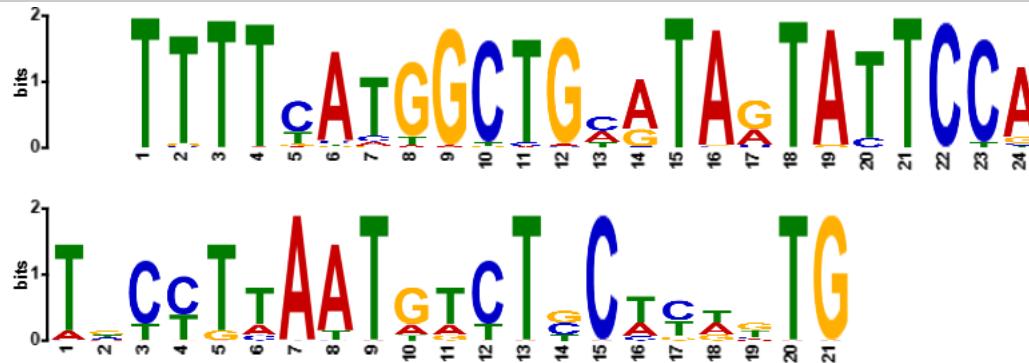
Name	<a href="#">NF2L1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.96e-03
<i>E</i> -value	1.99e+00
<i>q</i> -value	5.42e-01
Overlap	7
Offset	-6
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">OZF_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.74e-03
<i>E</i> -value	2.30e+00
<i>q</i> -value	5.42e-01
Overlap	19
Offset	-2
Orientation	Normal
	<a href="#">Show logo download options</a>

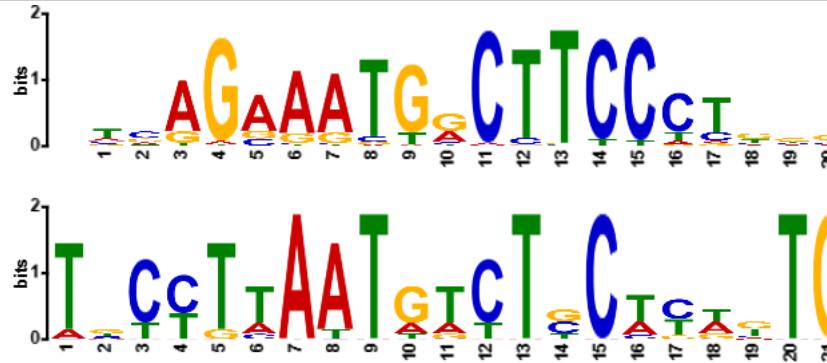
#### Optimal Alignment



#### Summary

Name	<a href="#">ZN528_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.62e-03
<i>E</i> -value	3.05e+00
<i>q</i> -value	5.42e-01
Overlap	20
Offset	-1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

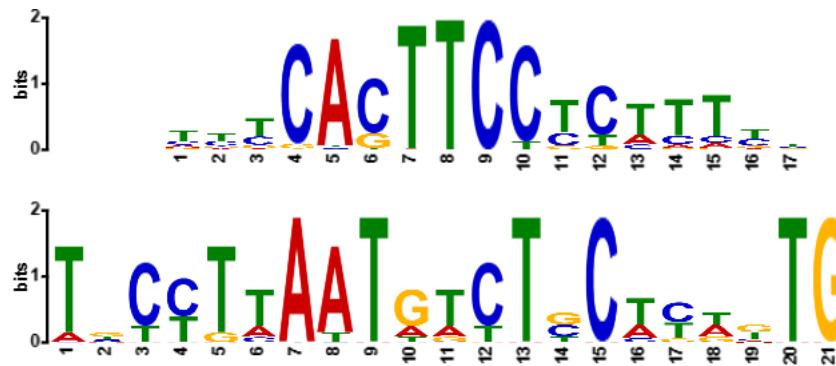
#### Optimal Alignment



#### Summary

#### Optimal Alignment

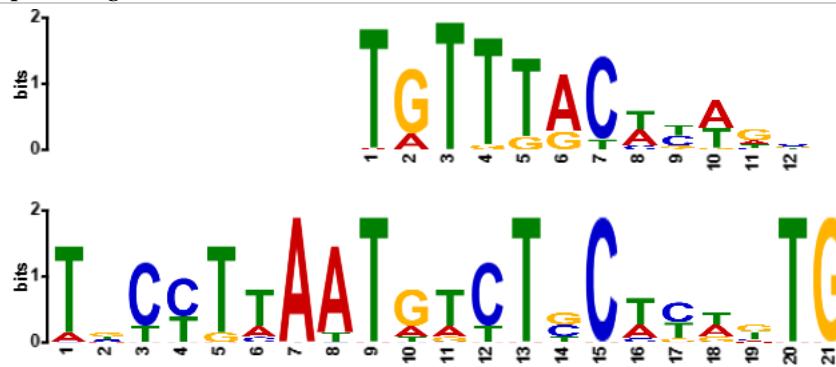
Name	<a href="#">SP1B_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.87e-03
<i>E</i> -value	3.15e+00
<i>q</i> -value	5.42e-01
Overlap	17
Offset	-3
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">FOXA2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.11e-03
<i>E</i> -value	3.25e+00
<i>q</i> -value	5.42e-01
Overlap	12
Offset	-8
Orientation	Normal
	<a href="#">Show logo download options</a>

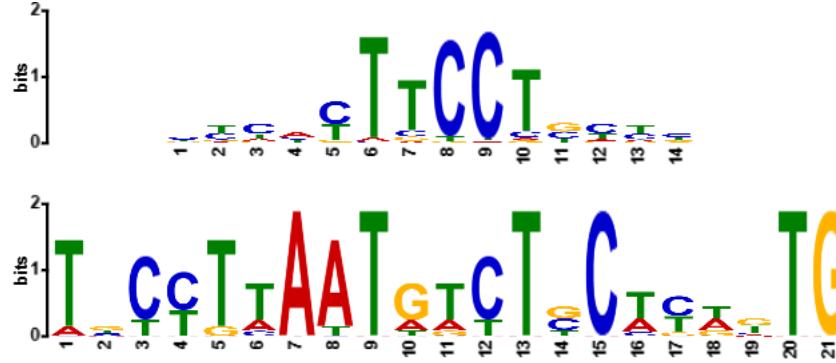
#### Optimal Alignment



#### Summary

Name	<a href="#">ETV5_HUMAN.H11MO.0.C</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	5.42e-01
Overlap	14
Offset	-3
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

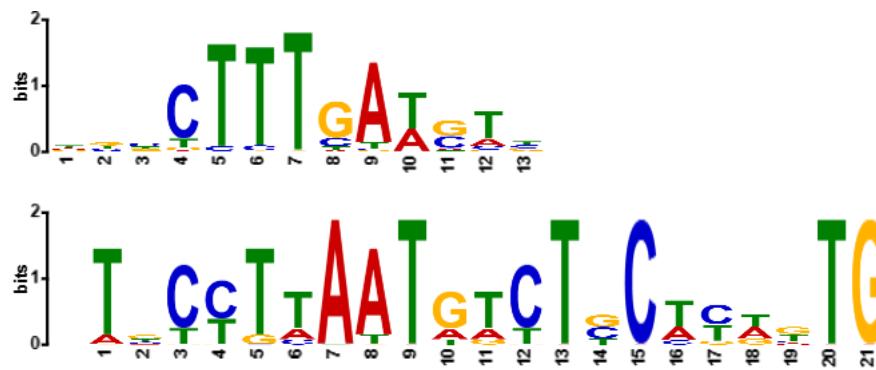
#### Optimal Alignment



#### Summary

#### Optimal Alignment

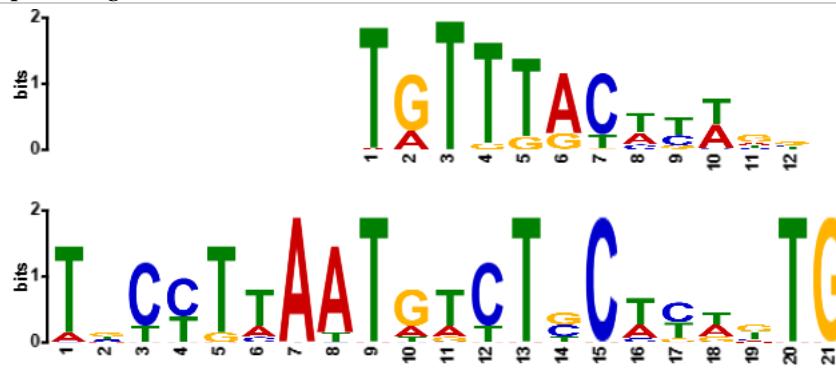
Name	<a href="#">TFZL1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.90e-03
<i>E</i> -value	3.57e+00
<i>q</i> -value	5.42e-01
Overlap	12
Offset	1
Orientation	Normal
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### Summary

Name	<a href="#">FOXA1_HUMAN.H11MO.0.A</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	5.48e-01
Overlap	12
Offset	-8
Orientation	Normal
<a href="#">Show logo download options</a>	

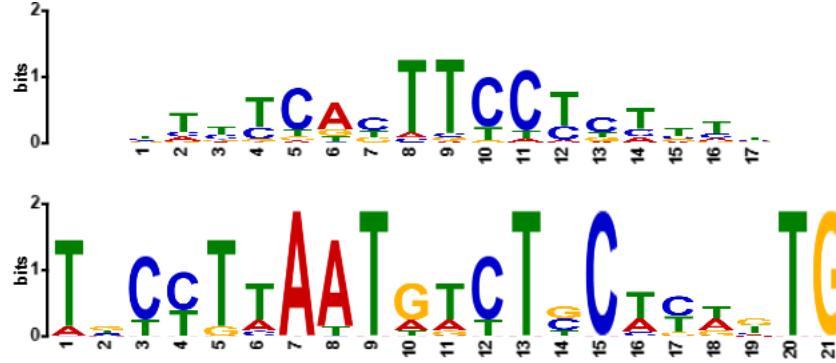
### Optimal Alignment



### Summary

Name	<a href="#">BC11A_HUMAN.H11MO.0.A</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	5.99e-01
Overlap	17
Offset	-2
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

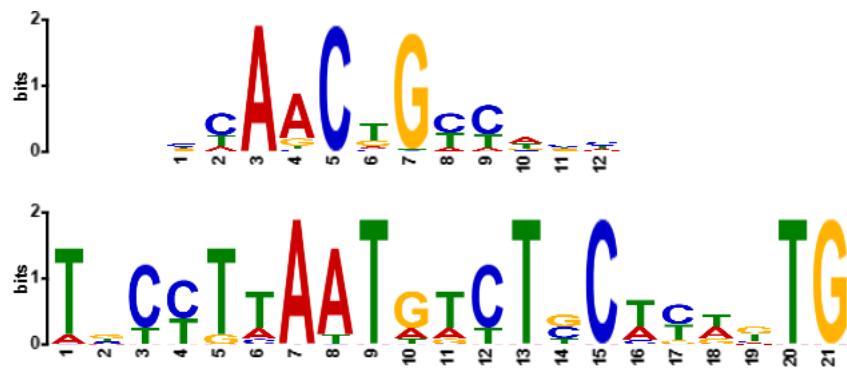
### Optimal Alignment



### Summary

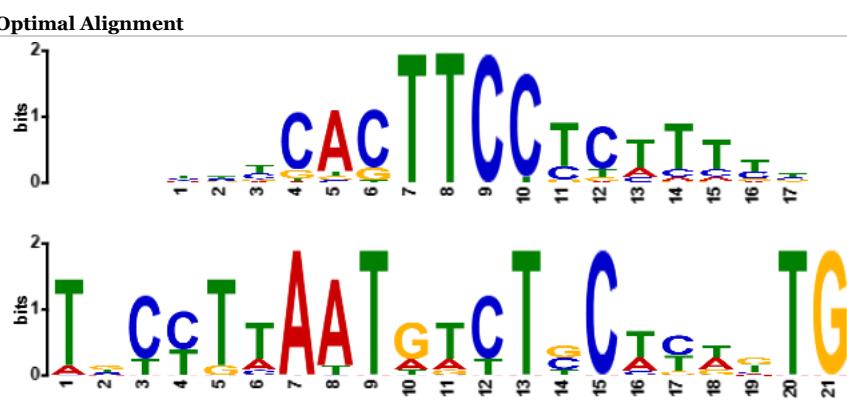
### Optimal Alignment

<b>Name</b>	<a href="#">MYB_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.37e-02
<b>E-value</b>	5.50e+00
<b>q-value</b>	5.99e-01
<b>Overlap</b>	12
<b>Offset</b>	-3
<b>Orientation</b>	Reverse Complement
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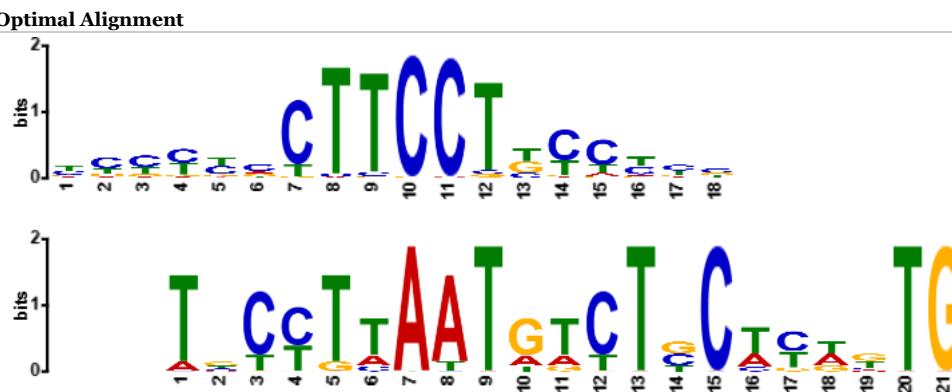
## Summary

<b>Name</b>	<a href="#">SPI1_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.42e-02
<b>E-value</b>	5.71e+00
<b>q-value</b>	5.99e-01
<b>Overlap</b>	17
<b>Offset</b>	-3
<b>Orientation</b>	Reverse Complement
	<a href="#">Show logo</a> <a href="#">Download options</a>



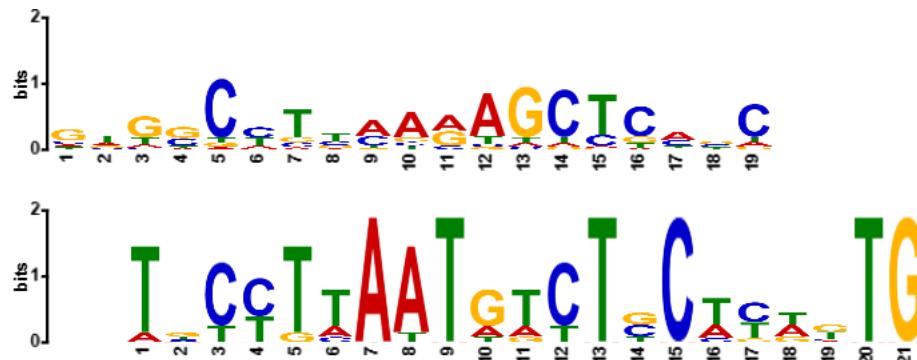
## Summary

<b>Name</b>	<a href="#">FLI1_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.47e-02
<b>E-value</b>	5.89e+00
<b>q-value</b>	5.99e-01
<b>Overlap</b>	15
<b>Offset</b>	3
<b>Orientation</b>	Reverse Complement
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### **Summary**

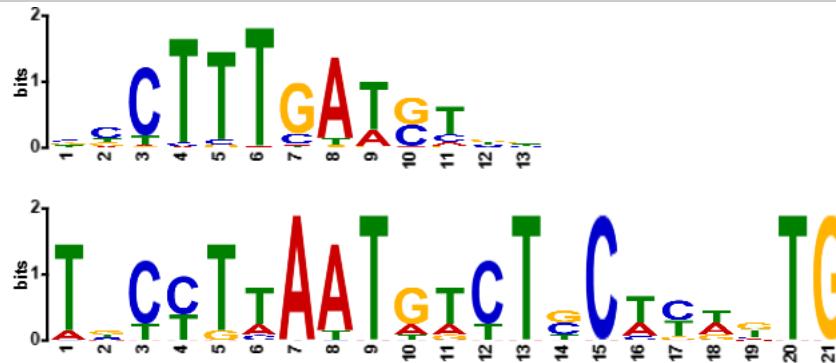
Name	<a href="#">ZN667_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.55e-02
<i>E</i> -value	6.21e+00
<i>q</i> -value	5.99e-01
Overlap	17
Offset	2
Orientation	Normal
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## Summary

Name	<a href="#">TF7L2_HUMAN.H11MO.0.A</a>
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	5.99e-01
Overlap	13
Offset	0
Orientation	Normal
<a href="#">Show logo download options</a>	

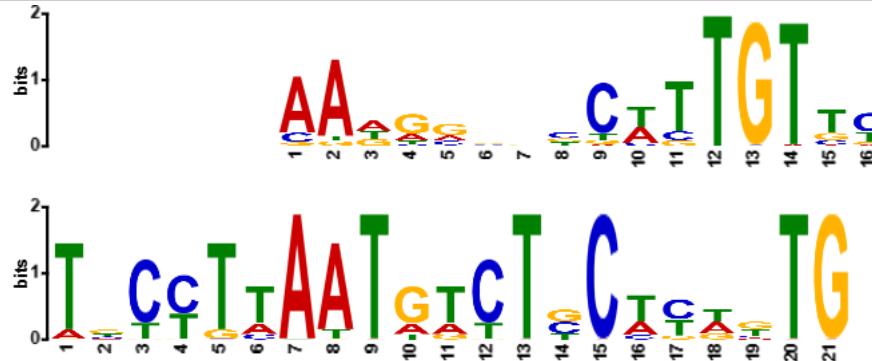
## Optimal Alignment



## Summary

Name	<a href="#">SOX9_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.70e-02
<i>E</i> -value	6.80e+00
<i>q</i> -value	5.99e-01
Overlap	15
Offset	-6
Orientation	Normal
<a href="#">Show logo download options</a>	

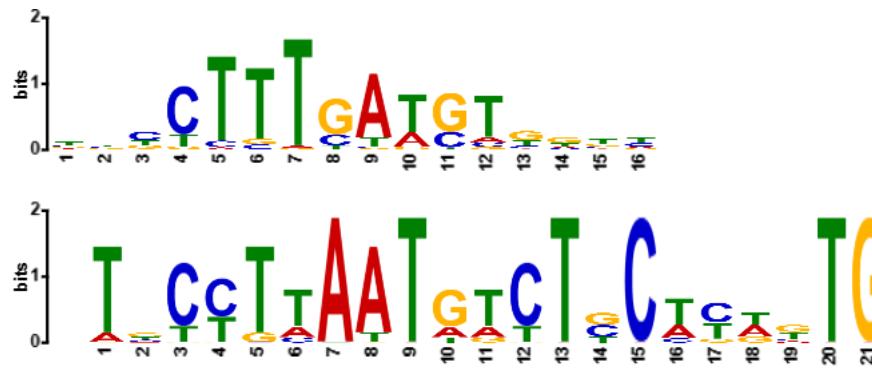
## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">TCF7_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.70e-02
<i>E</i> -value	6.80e+00
<i>q</i> -value	5.99e-01
Overlap	15
Offset	1
Orientation	Reverse Complement
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#### Summary

Name	<a href="#">ZFP42_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.81e-02
<i>E</i> -value	7.28e+00
<i>q</i> -value	5.99e-01
Overlap	12
Offset	-4
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

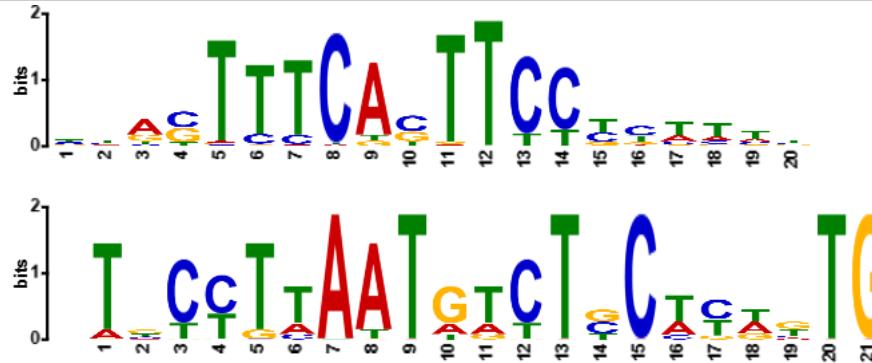
#### Optimal Alignment



#### Summary

Name	<a href="#">IRF8_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.82e-02
<i>E</i> -value	7.28e+00
<i>q</i> -value	5.99e-01
Overlap	19
Offset	1
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

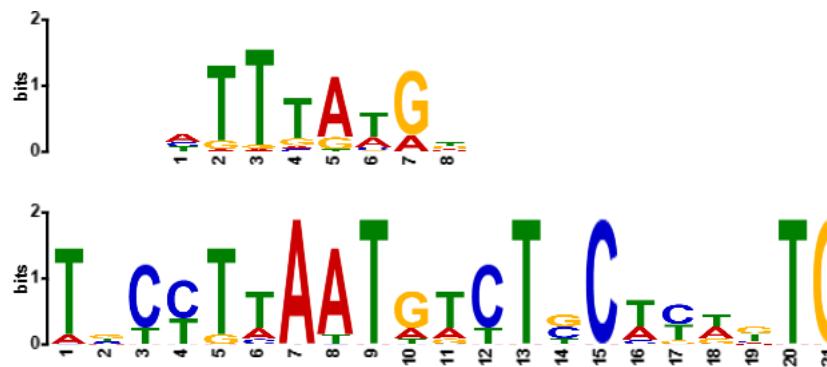
#### Optimal Alignment



#### Summary

#### Optimal Alignment

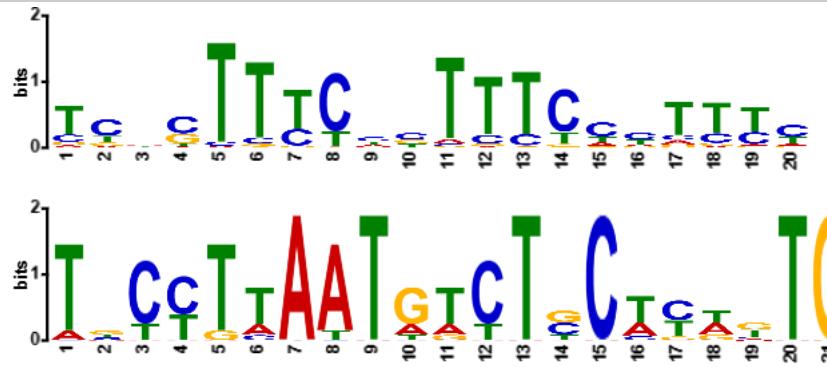
Name	<a href="#">CDX1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.19e-02
<i>E</i> -value	8.78e+00
<i>q</i> -value	6.69e-01
Overlap	8
Offset	-3
Orientation	Normal
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### Summary

Name	<a href="#">IRF3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.47e-02
<i>E</i> -value	9.88e+00
<i>q</i> -value	6.69e-01
Overlap	20
Offset	0
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

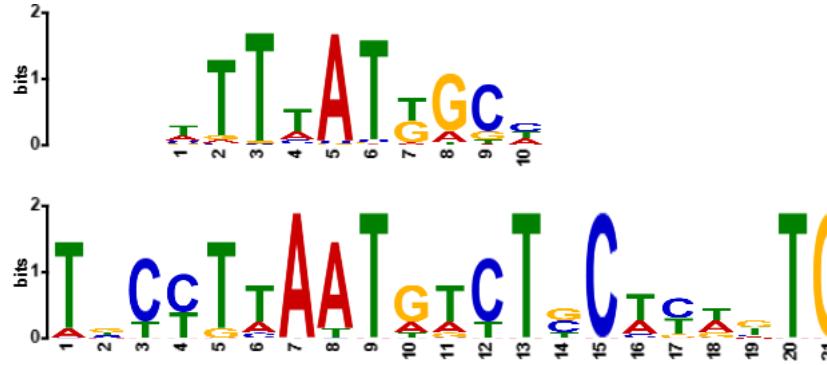
### Optimal Alignment



### Summary

Name	<a href="#">HXC9_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.48e-02
<i>E</i> -value	9.93e+00
<i>q</i> -value	6.69e-01
Overlap	10
Offset	-3
Orientation	Normal
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### Optimal Alignment



### Summary

### Optimal Alignment

Name [SOX10\\_HUMAN.H11MO.0.B](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 2.49e-02

E-value 9.97e+00

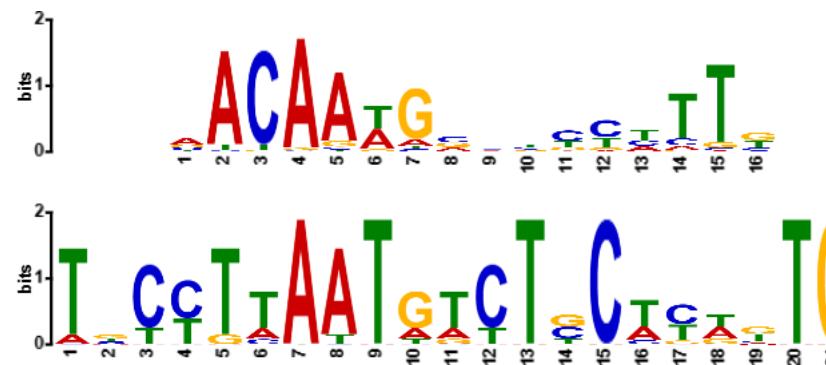
q-value 6.69e-01

Overlap 16

Offset -3

Orientation Reverse Complement

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## MATCHES TO AAACCCADCVCAGAACBAGRGAHGA VVTTWCCTTGTCAWCCC AKTCCCHBA (MEME-28)

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### Summary

Name [ZN331\\_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 3.19e-03

E-value 1.28e+00

q-value 1.00e+00

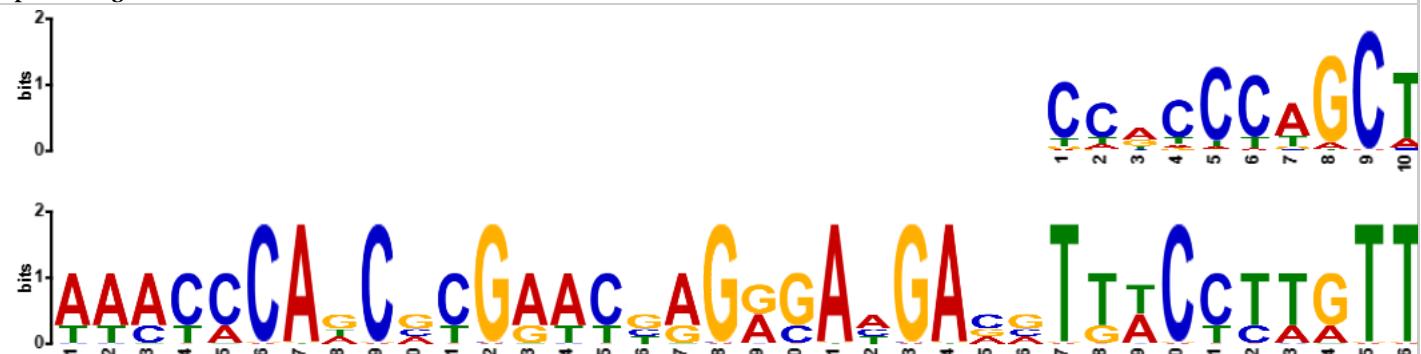
Overlap 20

Offset -26

Orientation Reverse Complement

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### Optimal Alignment



### Summary

Name [ZN329\\_HUMAN.H11MO.0.C](#)

Database HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

p-value 3.55e-03

E-value 1.42e+00

q-value 1.00e+00

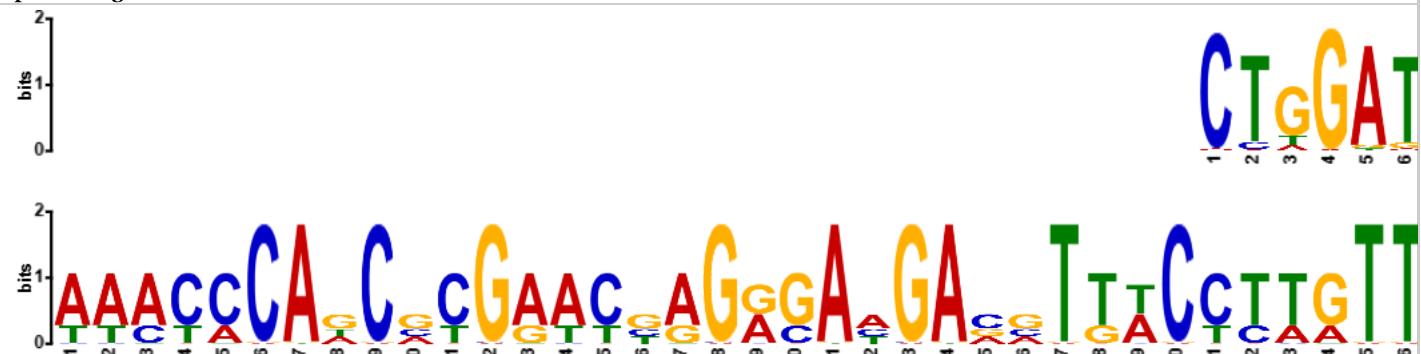
Overlap 20

Offset -30

Orientation Normal

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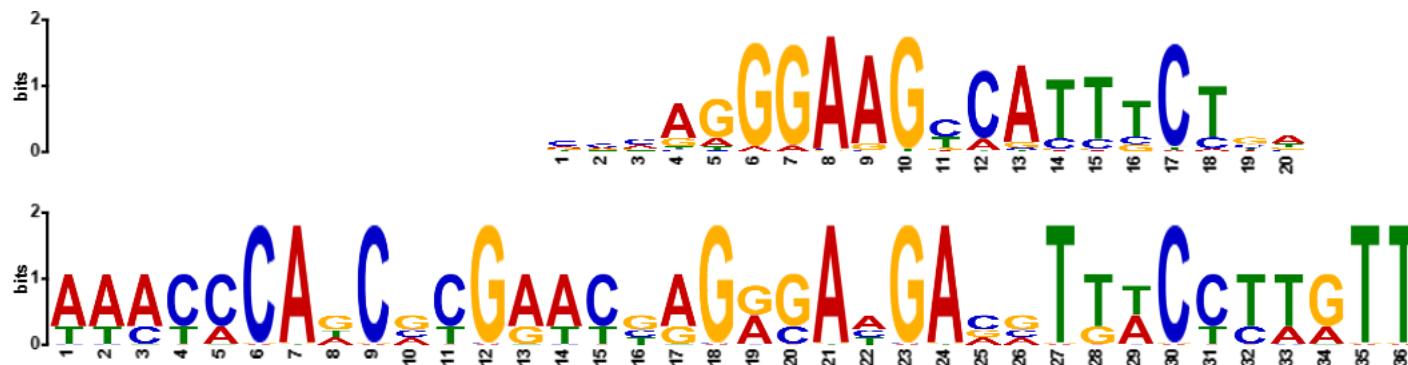
### Optimal Alignment



### Summary

### Optimal Alignment

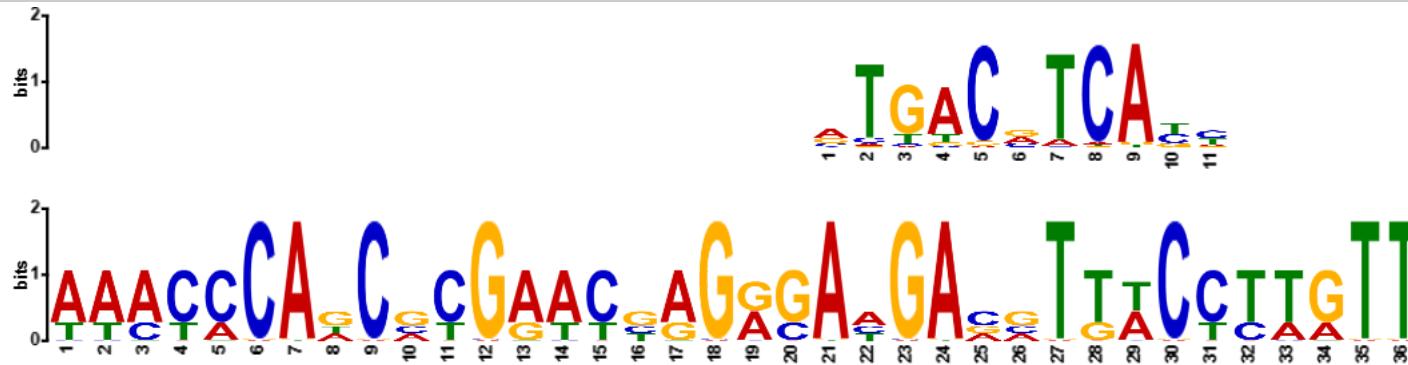
Name	<a href="#">ZN528_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.28e-03
<i>E</i> -value	3.72e+00
<i>q</i> -value	1.00e+00
Overlap	20
Offset	-13
Orientation	Normal
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## Summary

Name	<a href="#">ATF2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.18e-02
<i>E</i> -value	4.75e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	-20
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

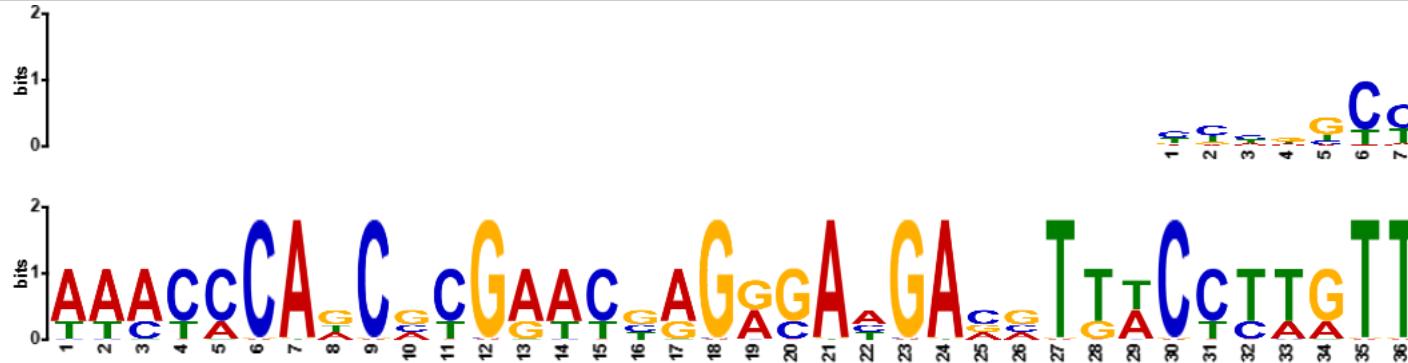
## Optimal Alignment



## Summary

Name	<a href="#">SP4_HUMAN.H11MO.0.A</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	20
Offset	-29
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

## Optimal Alignment



## Summary

## Optimal Alignment

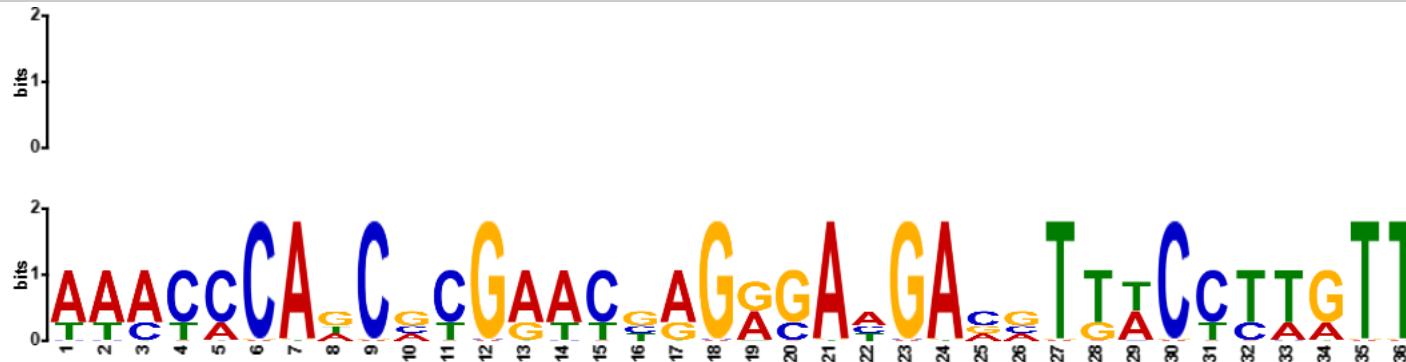
Name	<a href="#">EHF_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.54e-02
<i>E</i> -value	6.17e+00
<i>q</i> -value	1.00e+00
Overlap	15
Offset	-22
Orientation	Reverse Complement
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### Summary

Name	<a href="#">MZF1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.59e-02
<i>E</i> -value	6.39e+00
<i>q</i> -value	1.00e+00
Overlap	11
Offset	-39
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

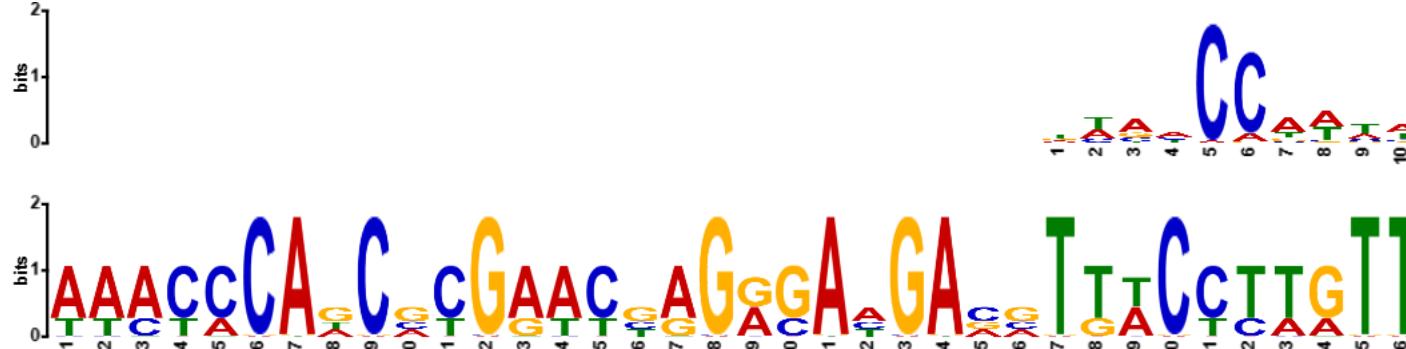
### Optimal Alignment



### Summary

Name	<a href="#">AIRE_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.79e-02
<i>E</i> -value	7.19e+00
<i>q</i> -value	1.00e+00
Overlap	18
Offset	-26
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

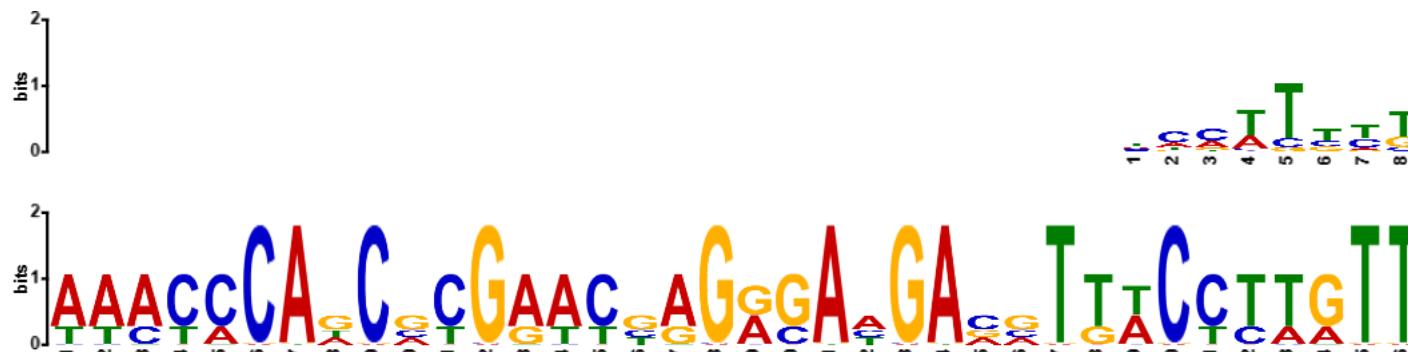
### Optimal Alignment



### Summary

### Optimal Alignment

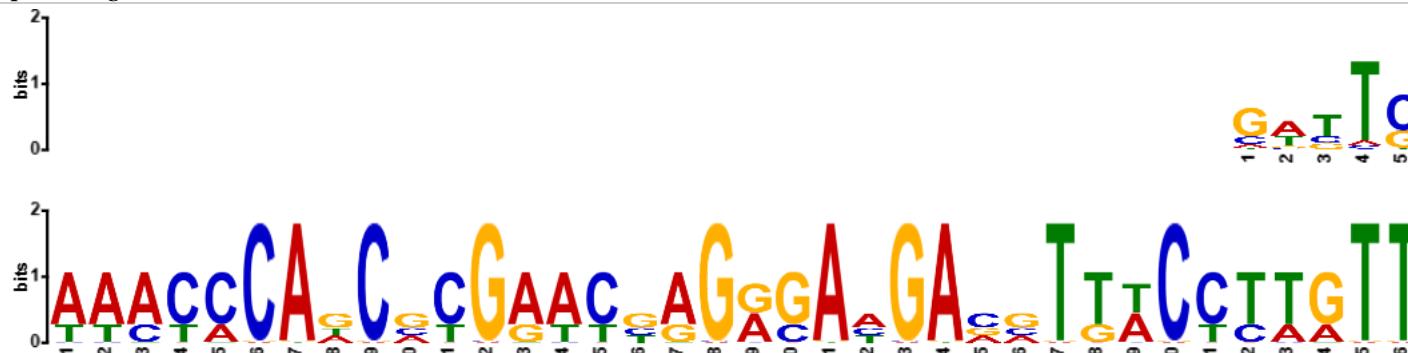
Name	<a href="#">ZN214_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.81e-02
<i>E</i> -value	7.27e+00
<i>q</i> -value	1.00e+00
Overlap	22
Offset	-28
Orientation	Normal
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### Summary

Name	<a href="#">SMCA5_HUMAN.H11MO.0.C</a>
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	1.00e+00
Overlap	15
Offset	-31
Orientation	Reverse Complement
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### Optimal Alignment



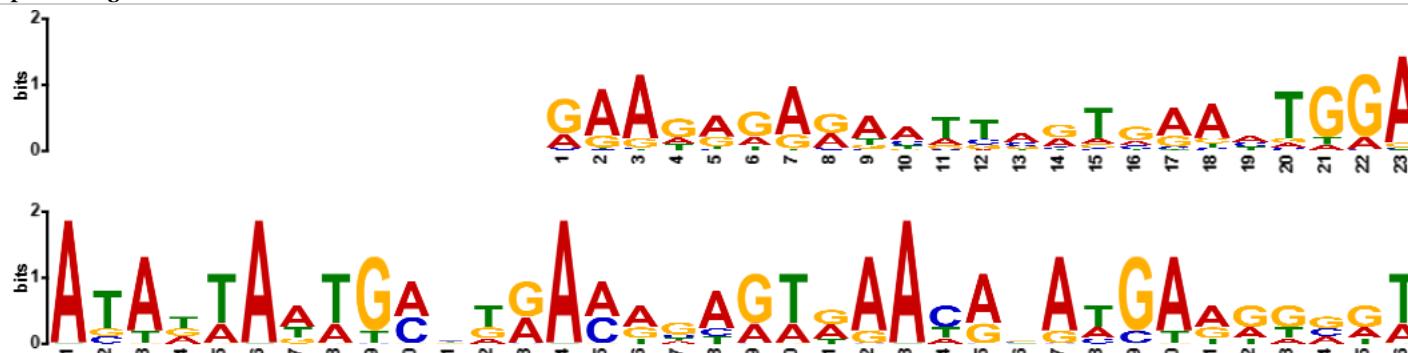
### MATCHES TO ATADTAWTGMNKRAMRGAGTRAAYANAWGARRKVRTADADW (MEME-29)

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### Summary

Name	<a href="#">ZFP82_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.28e-05
<i>E</i> -value	2.52e-02
<i>q</i> -value	4.89e-02
Overlap	24
Offset	-13
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

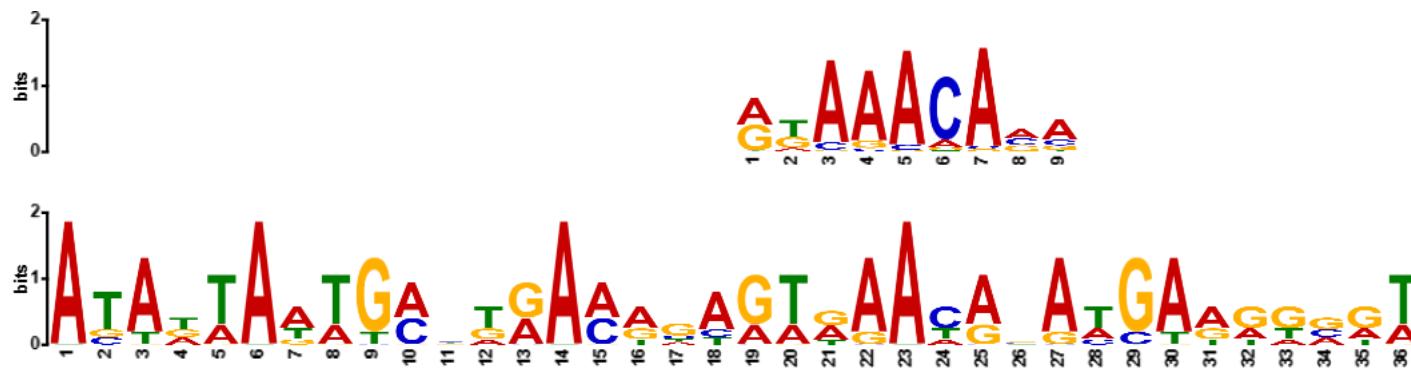
### Optimal Alignment



### Summary

### Optimal Alignment

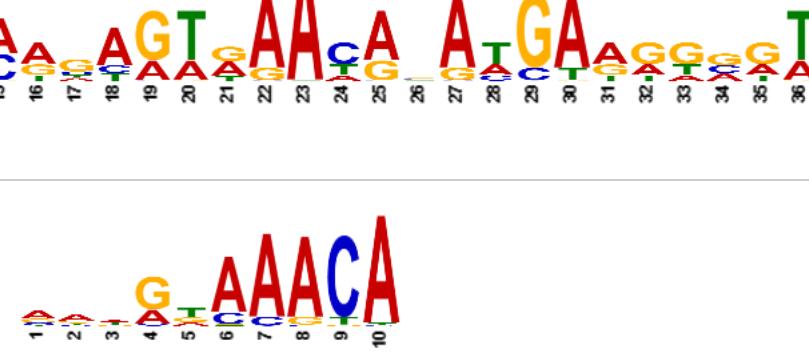
Name	<a href="#">FOXP1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.86e-04
<i>E</i> -value	1.55e-01
<i>q</i> -value	8.43e-02
Overlap	9
Offset	-18
Orientation	Reverse Complement
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## Summary

Name	<a href="#">FOXK1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.22e-04
<i>E</i> -value	1.69e-01
<i>q</i> -value	8.43e-02
Overlap	10
Offset	-15
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

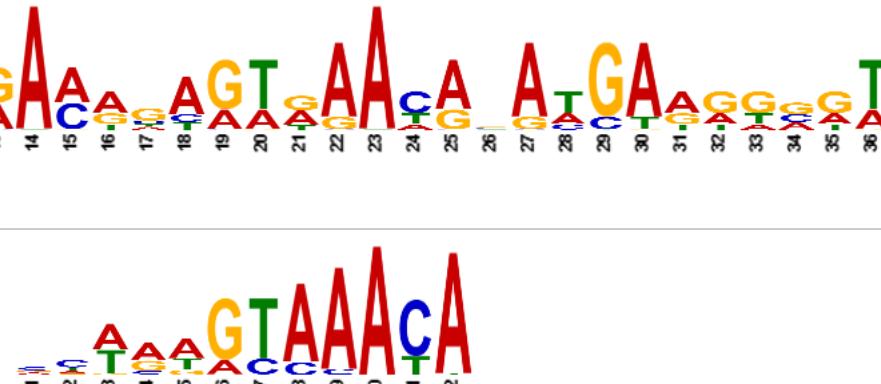
## Optimal Alignment



## Summary

Name	<a href="#">FOXA1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.83e-04
<i>E</i> -value	1.94e-01
<i>q</i> -value	8.43e-02
Overlap	12
Offset	-13
Orientation	Reverse Complement
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## Optimal Alignment

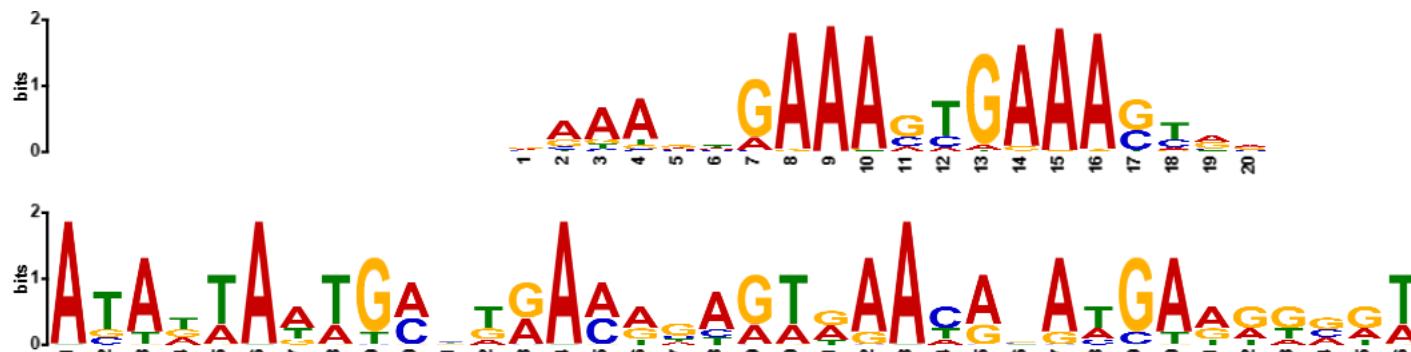


## Summary

## Optimal Alignment



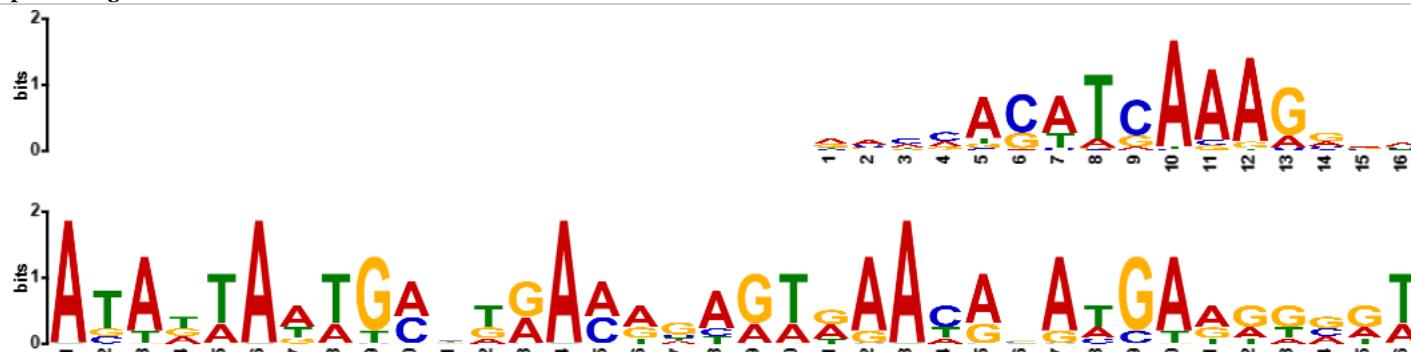
Name	<a href="#">IRF2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.68e-04
<i>E</i> -value	2.28e-01
<i>q</i> -value	8.43e-02
Overlap	20
Offset	-12
Orientation	Normal
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## Summary

Name	<a href="#">TCF7_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.49e-04
<i>E</i> -value	2.60e-01
<i>q</i> -value	8.43e-02
Overlap	16
Offset	-20
Orientation	Normal
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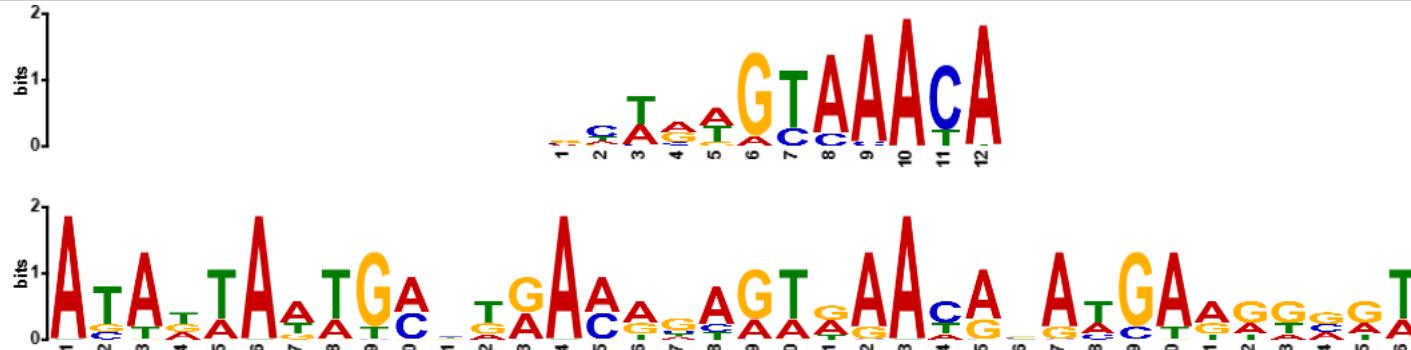
## Optimal Alignment



## Summary

Name	<a href="#">FOXA2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	7.91e-04
<i>E</i> -value	3.17e-01
<i>q</i> -value	8.81e-02
Overlap	12
Offset	-13
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

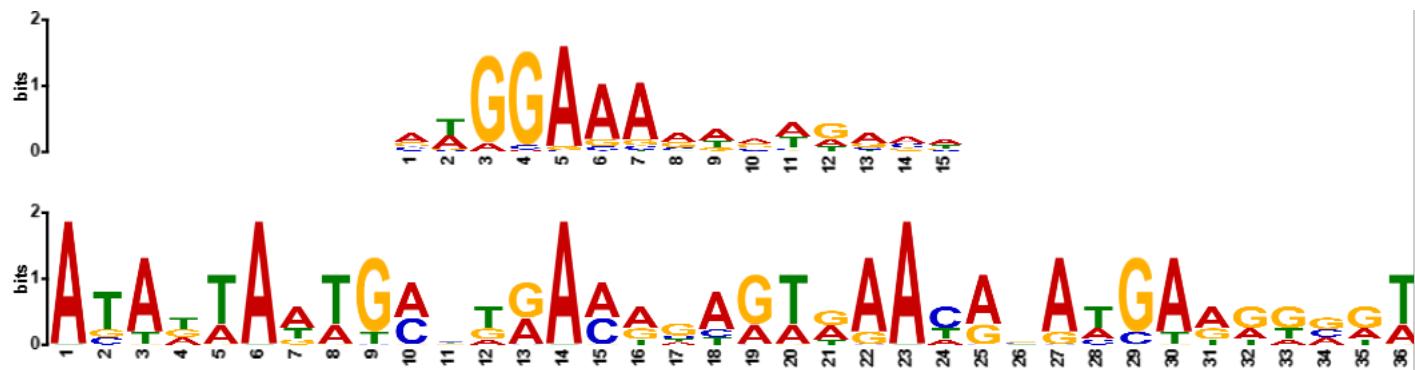
## Optimal Alignment



## Summary

## Optimal Alignment

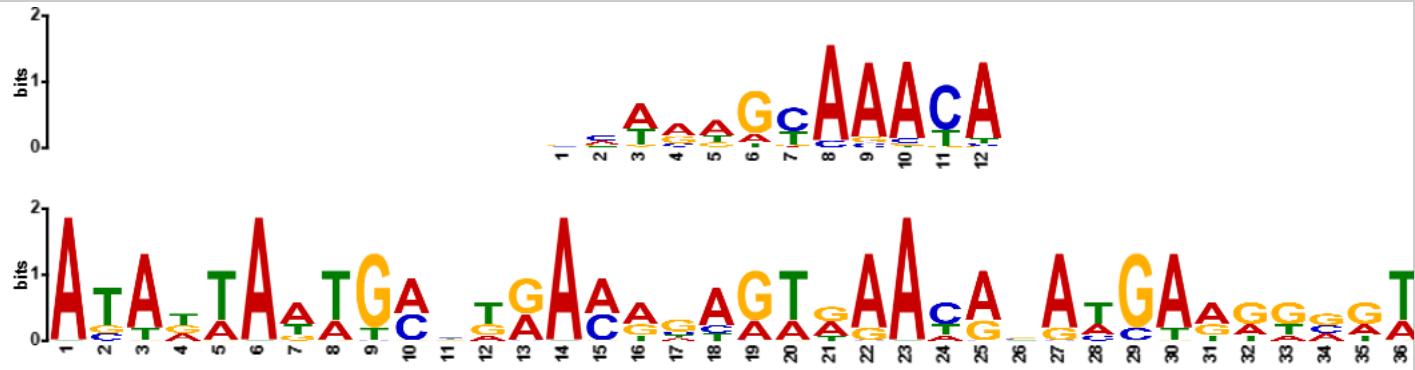
Name	<a href="#">NFAC1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.20e-04
<i>E</i> -value	3.69e-01
<i>q</i> -value	8.97e-02
Overlap	15
Offset	-9
Orientation	Normal
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## Summary

Name	<a href="#">FOXM1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.18e-03
<i>E</i> -value	4.72e-01
<i>q</i> -value	9.01e-02
Overlap	12
Offset	-13
Orientation	Reverse Complement
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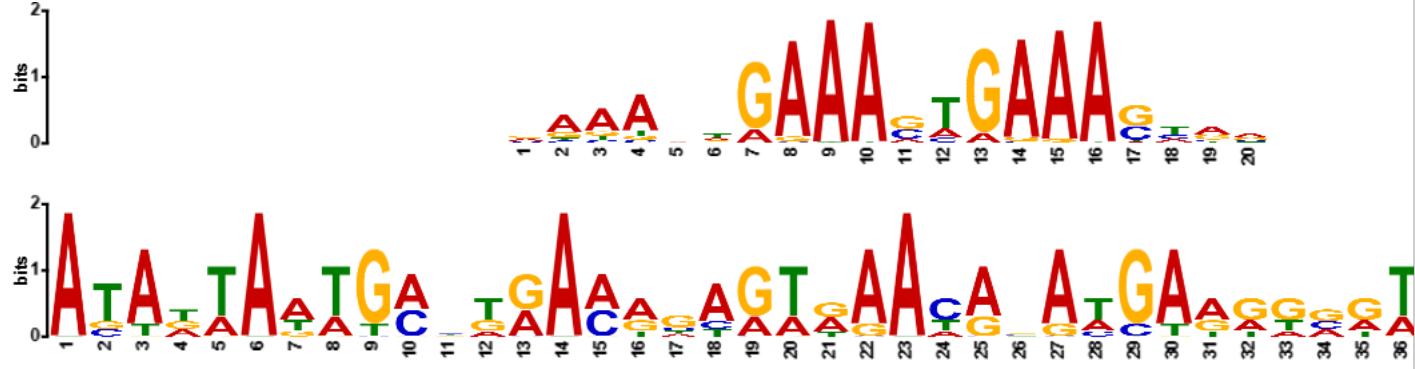
## Optimal Alignment



## Summary

Name	<a href="#">IRF1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.27e-03
<i>E</i> -value	5.10e-01
<i>q</i> -value	9.01e-02
Overlap	20
Offset	-12
Orientation	Normal
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## Optimal Alignment



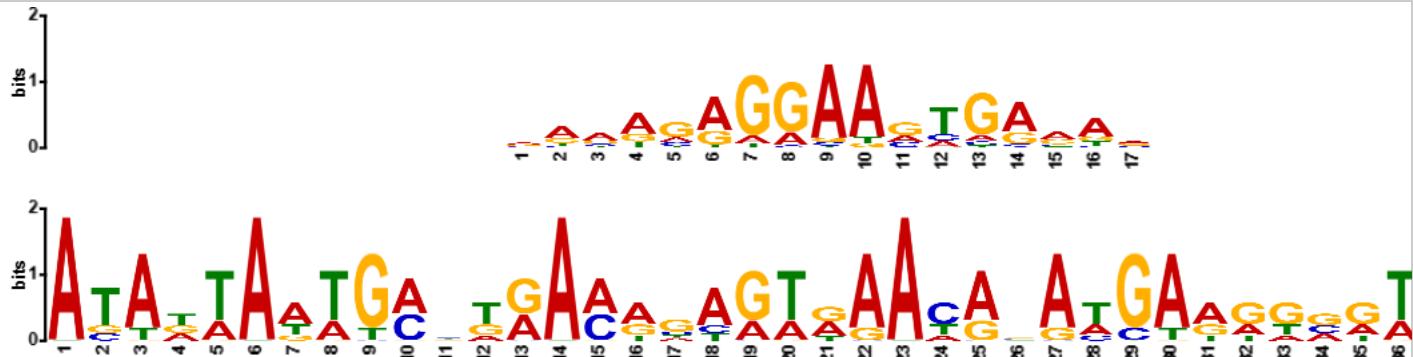
## Summary

## Optimal Alignment

<b>Name</b>	<a href="#">IRF8_HUMAN.H11MO.0.B</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.27e-03
<b>E-value</b>	5.10e-01
<b>q-value</b>	9.01e-02
<b>Overlap</b>	20
<b>Offset</b>	-12
<b>Orientation</b>	Normal
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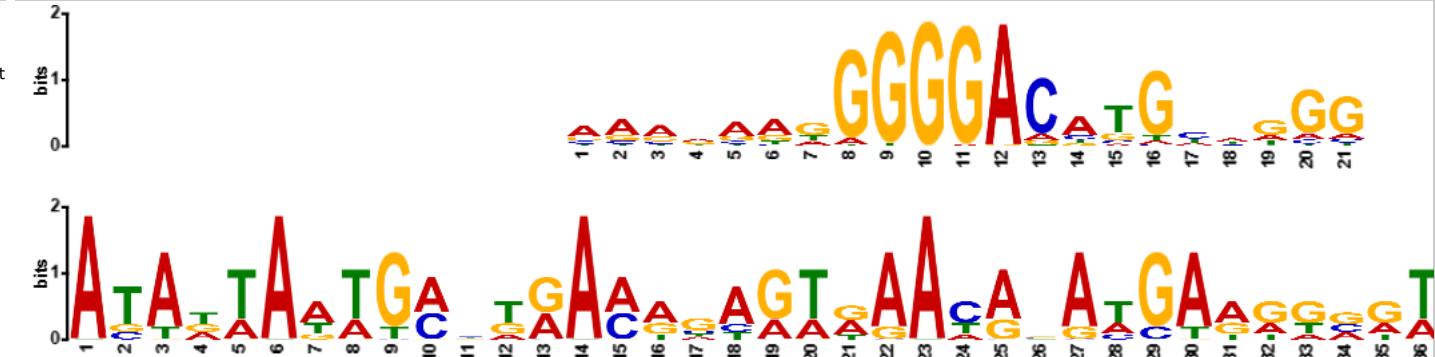
## Summary

<b>Name</b>	<a href="#">BC11A_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.45e-03
<b>E-value</b>	5.83e-01
<b>q-value</b>	9.05e-02
<b>Overlap</b>	17
<b>Offset</b>	-12
<b>Orientation</b>	Normal
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## **Summary**

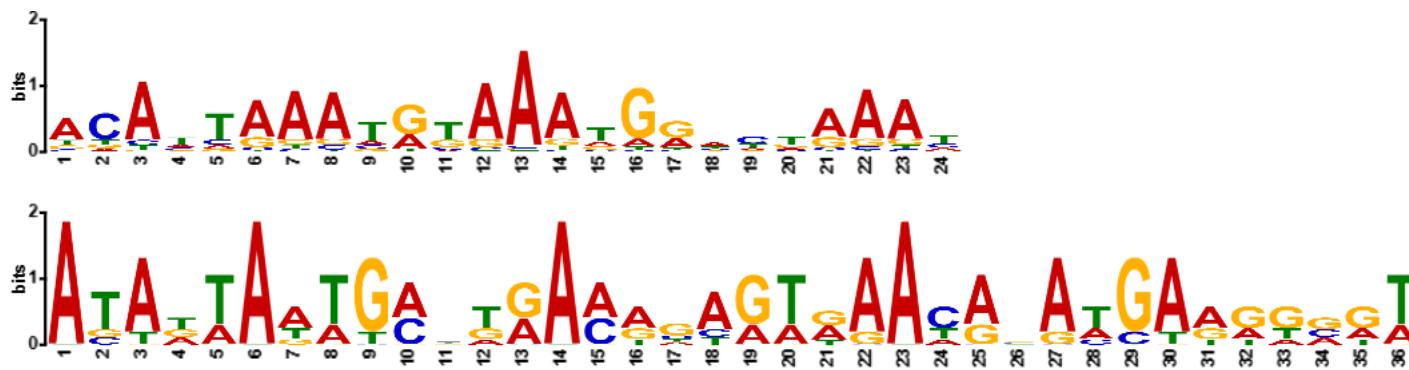
<b>Name</b>	<a href="#">ZN816_HUMAN.H11MO.0.C</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.51e-03
<b>E-value</b>	6.05e-01
<b>q-value</b>	9.05e-02
<b>Overlap</b>	21
<b>Offset</b>	-13
<b>Orientation</b>	Normal



## Summary



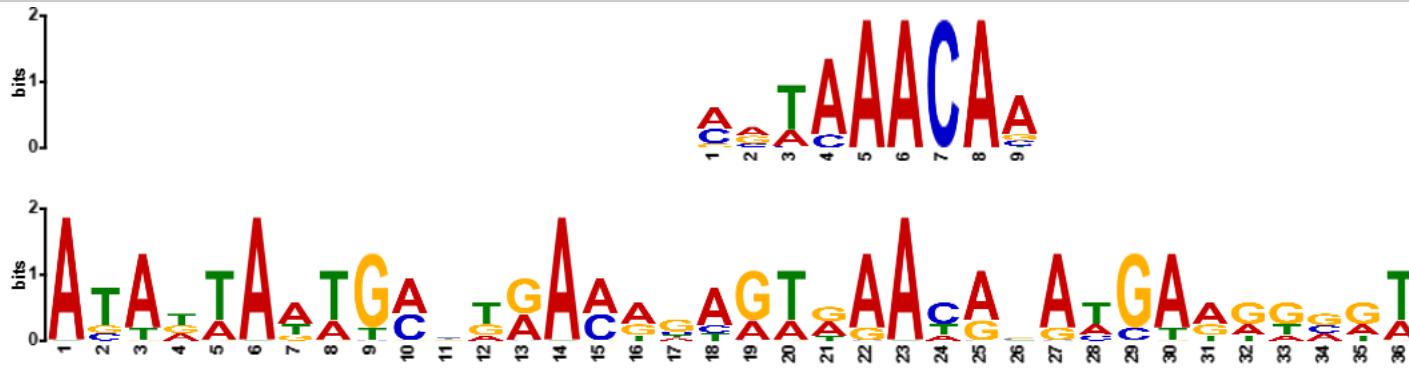
Name	<a href="#">Z354A_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.22e-03
<i>E</i> -value	8.90e-01
<i>q</i> -value	1.20e-01
Overlap	24
Offset	0
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



### Summary

Name	<a href="#">FOXO4_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.30e-03
<i>E</i> -value	9.23e-01
<i>q</i> -value	1.20e-01
Overlap	9
Offset	-17
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

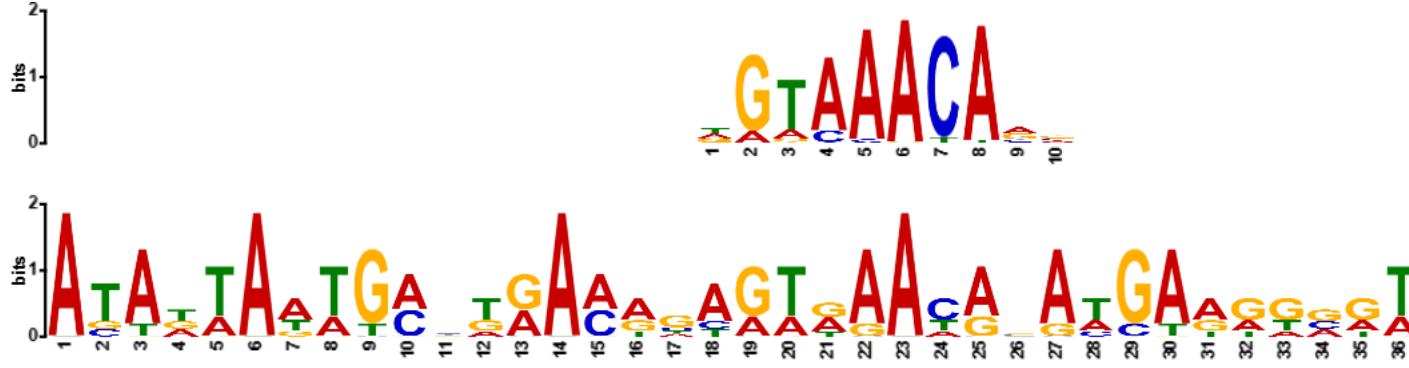
### Optimal Alignment



### Summary

Name	<a href="#">FOXO3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.56e-03
<i>E</i> -value	1.03e+00
<i>q</i> -value	1.25e-01
Overlap	10
Offset	-17
Orientation	Reverse Complement
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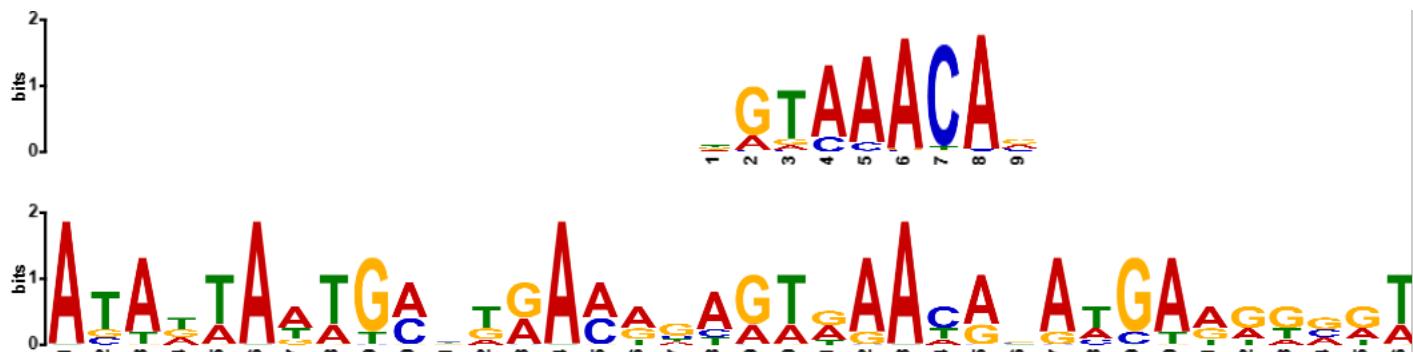
### Optimal Alignment



### Summary

### Optimal Alignment

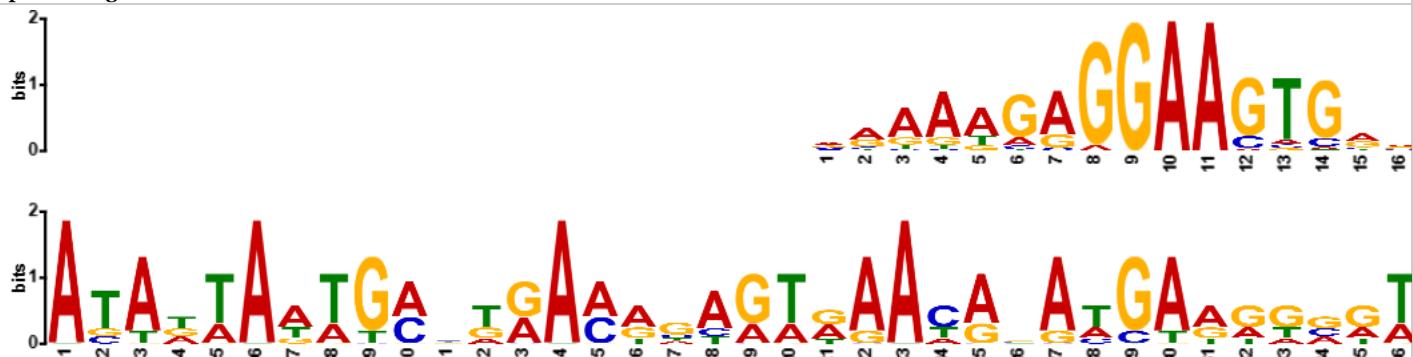
Name	<a href="#">FOXP2_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.75e-03
<i>E</i> -value	1.10e+00
<i>q</i> -value	1.26e-01
Overlap	9
Offset	-17
Orientation	Reverse Complement
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## Summary

Name	<a href="#">SPI1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.55e-03
<i>E</i> -value	1.43e+00
<i>q</i> -value	1.52e-01
Overlap	17
Offset	-20
Orientation	Normal
	<a href="#">Show logo download options</a>

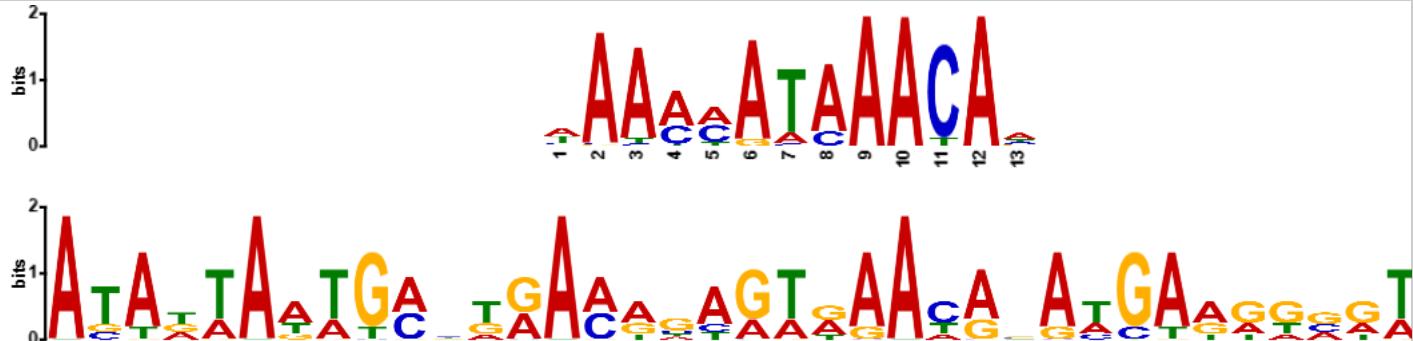
## Optimal Alignment



## Summary

Name	<a href="#">FOXJ3_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.70e-03
<i>E</i> -value	1.49e+00
<i>q</i> -value	1.52e-01
Overlap	13
Offset	-13
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

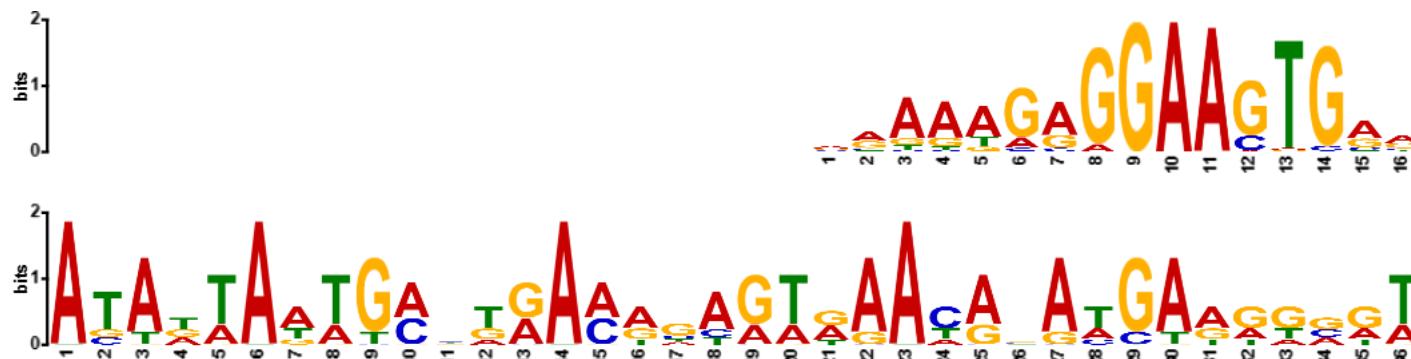
## Optimal Alignment



## Summary

## Optimal Alignment

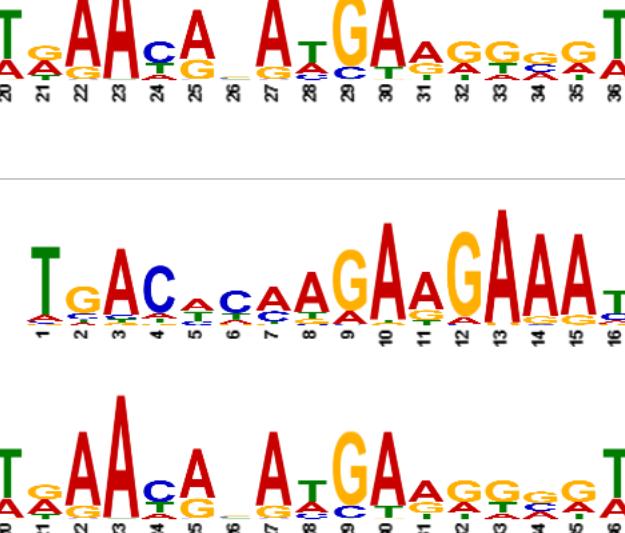
Name	<a href="#">SPIB_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	3.99e-03
<i>E</i> -value	1.60e+00
<i>q</i> -value	1.55e-01
Overlap	17
Offset	-20
Orientation	Normal
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## Summary

Name	<a href="#">ZFP28_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.17e-03
<i>E</i> -value	1.67e+00
<i>q</i> -value	1.55e-01
Overlap	20
Offset	-20
Orientation	Reverse Complement
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## Optimal Alignment



## Summary

Name	<a href="#">PBX1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	4.53e-03
<i>E</i> -value	1.82e+00
<i>q</i> -value	1.61e-01
Overlap	10
Offset	-7
Orientation	Normal
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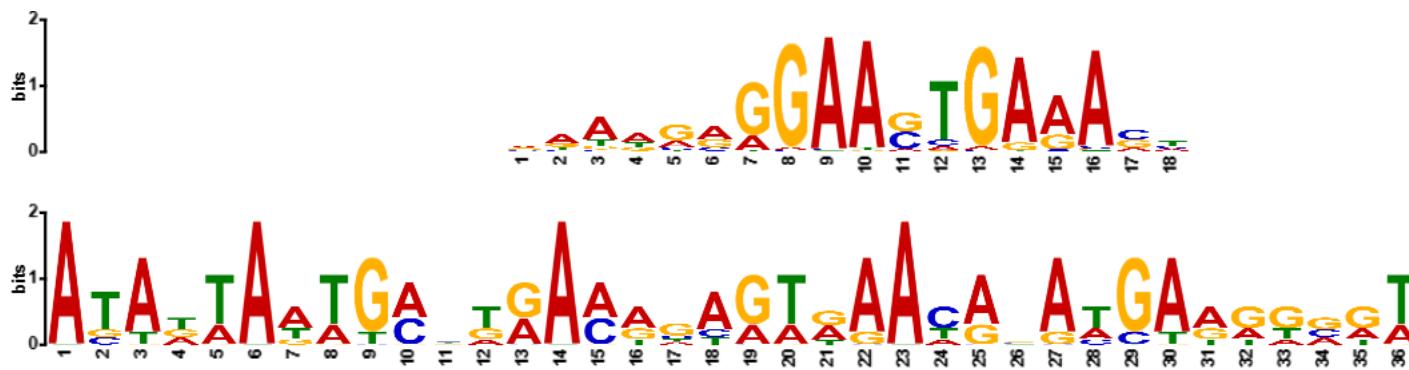
## Optimal Alignment



## Summary

## Optimal Alignment

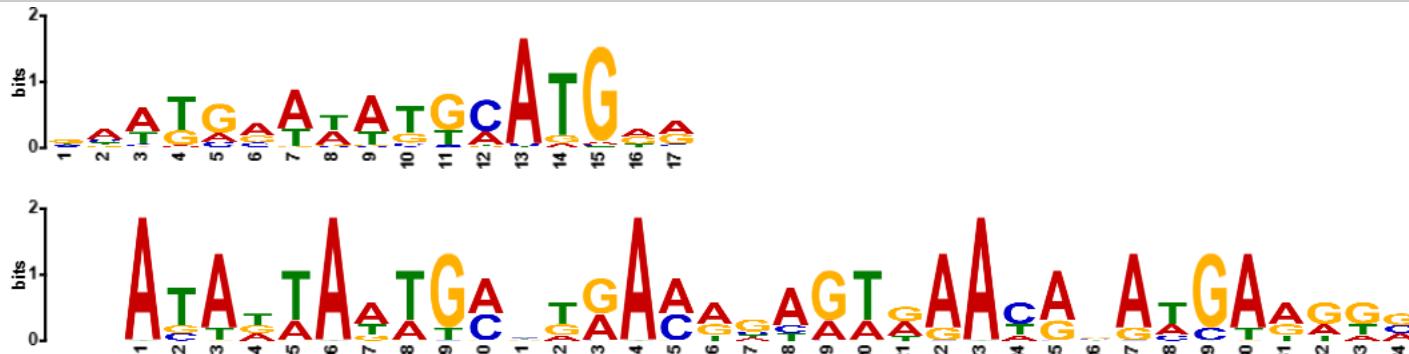
Name	<a href="#">IRF4_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	5.30e-03
<i>E</i> -value	2.13e+00
<i>q</i> -value	1.80e-01
Overlap	18
Offset	-12
Orientation	Normal
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## Summary

Name	<a href="#">PO3F2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	6.62e-03
<i>E</i> -value	2.65e+00
<i>q</i> -value	2.15e-01
Overlap	15
Offset	2
Orientation	Reverse Complement
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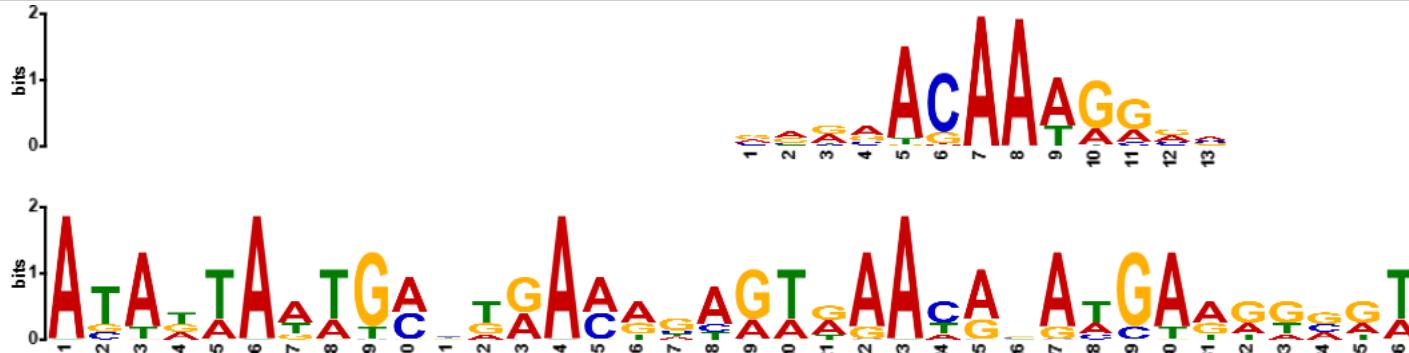
## Optimal Alignment



## Summary

Name	<a href="#">SOX2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.73e-03
<i>E</i> -value	3.50e+00
<i>q</i> -value	2.59e-01
Overlap	13
Offset	-18
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

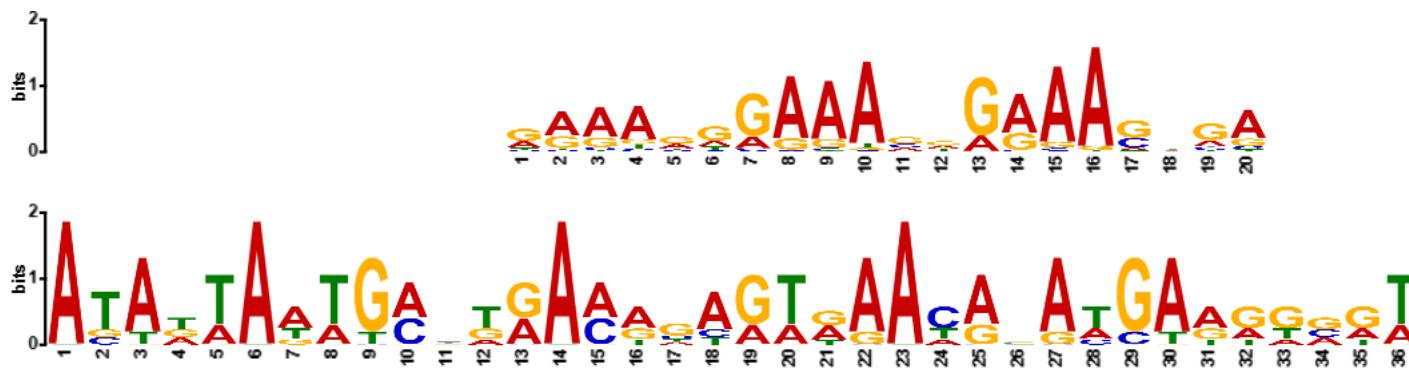
## Optimal Alignment



## Summary

## Optimal Alignment

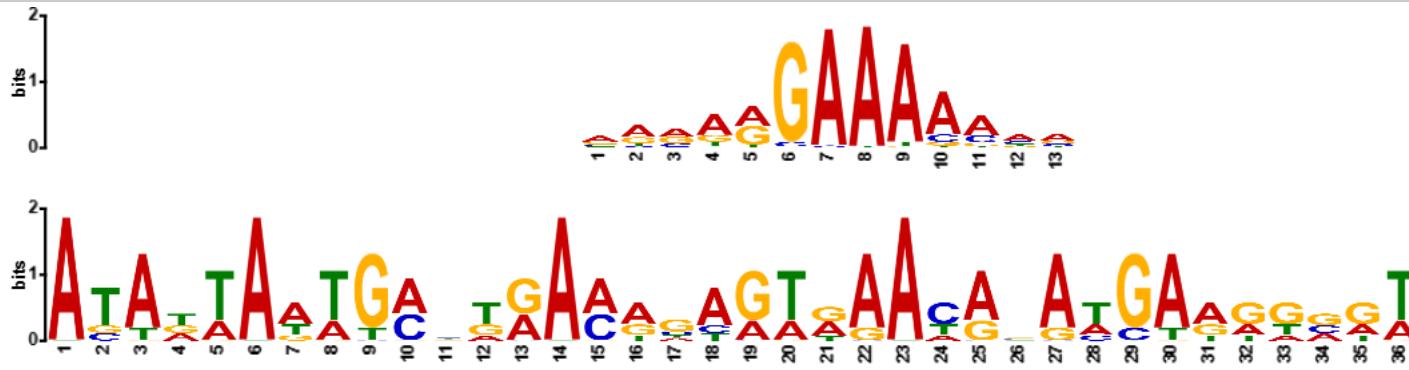
Name	<a href="#">IRF3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.90e-03
<i>E</i> -value	3.57e+00
<i>q</i> -value	2.59e-01
Overlap	20
Offset	-12
Orientation	Normal
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### Summary

Name	<a href="#">PRDM6_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.30e-03
<i>E</i> -value	3.73e+00
<i>q</i> -value	2.59e-01
Overlap	13
Offset	-14
Orientation	Normal
<a href="#">Show logo download options</a>	

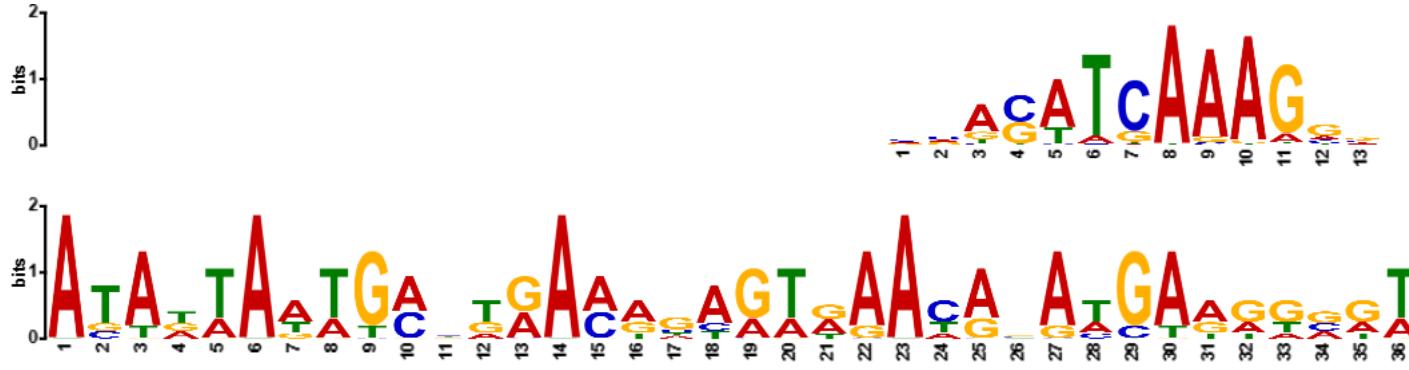
### Optimal Alignment



### Summary

Name	<a href="#">TFZL2_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.30e-03
<i>E</i> -value	3.73e+00
<i>q</i> -value	2.59e-01
Overlap	13
Offset	-22
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

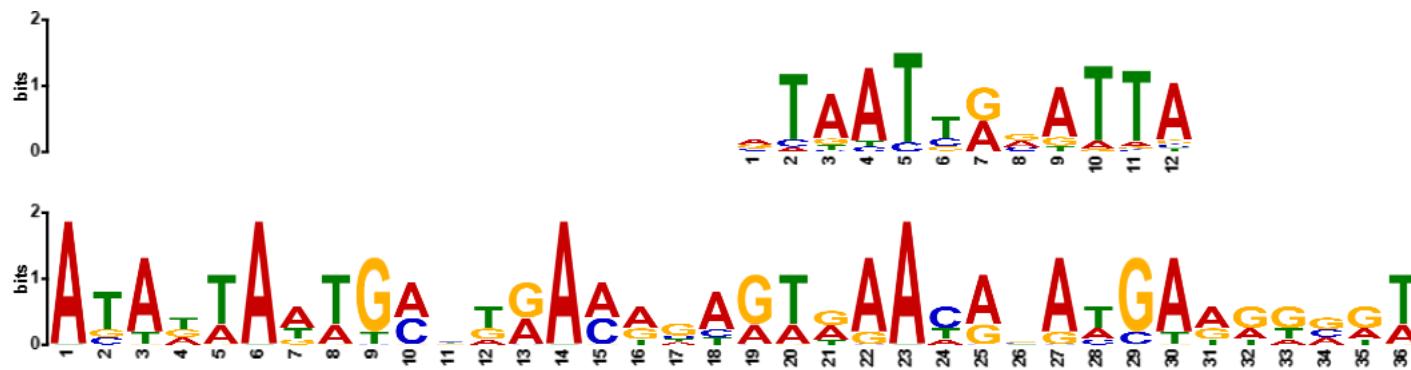
### Optimal Alignment



### Summary

### Optimal Alignment

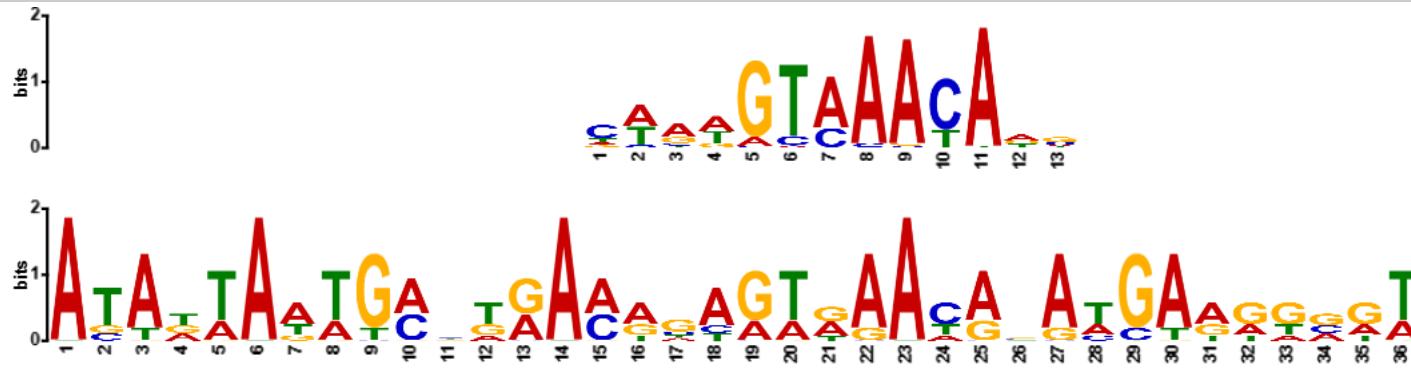
Name	<a href="#">ALX1_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.02e-02
<i>E</i> -value	4.08e+00
<i>q</i> -value	2.70e-01
Overlap	12
Offset	-18
Orientation	Normal
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## Summary

Name	<a href="#">FOXA3_HUMAN.H11MO.0.B</a>
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	2.70e-01
Overlap	13
Offset	-14
Orientation	Reverse Complement
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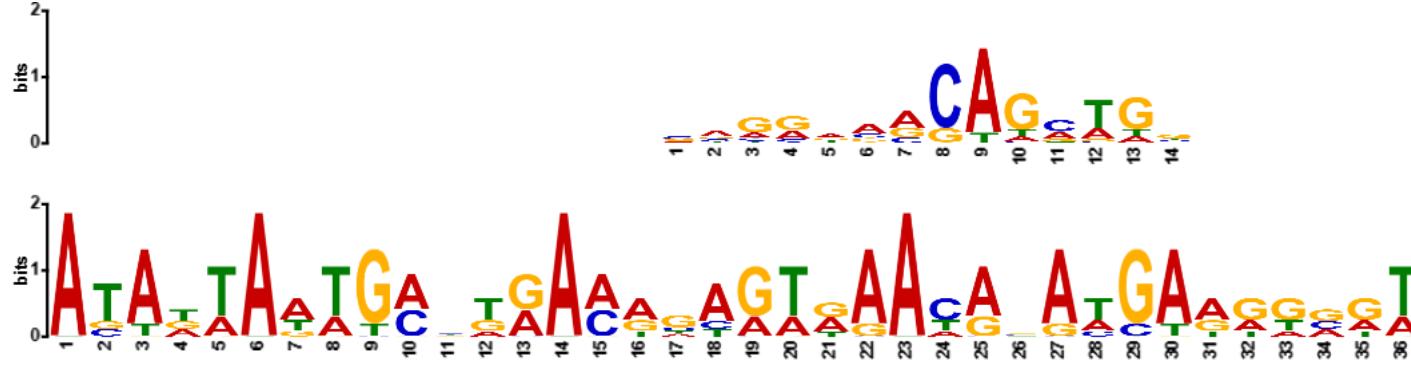
## Optimal Alignment



## Summary

Name	<a href="#">LYL1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.08e-02
<i>E</i> -value	4.31e+00
<i>q</i> -value	2.70e-01
Overlap	14
Offset	-16
Orientation	Reverse Complement
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## Optimal Alignment



## Summary

## Optimal Alignment

<b>Name</b>	<a href="#">PRDM1_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.36e-02
<b>E-value</b>	5.46e+00
<b>q-value</b>	3.31e-01
<b>Overlap</b>	14
<b>Offset</b>	-12
<b>Orientation</b>	Normal



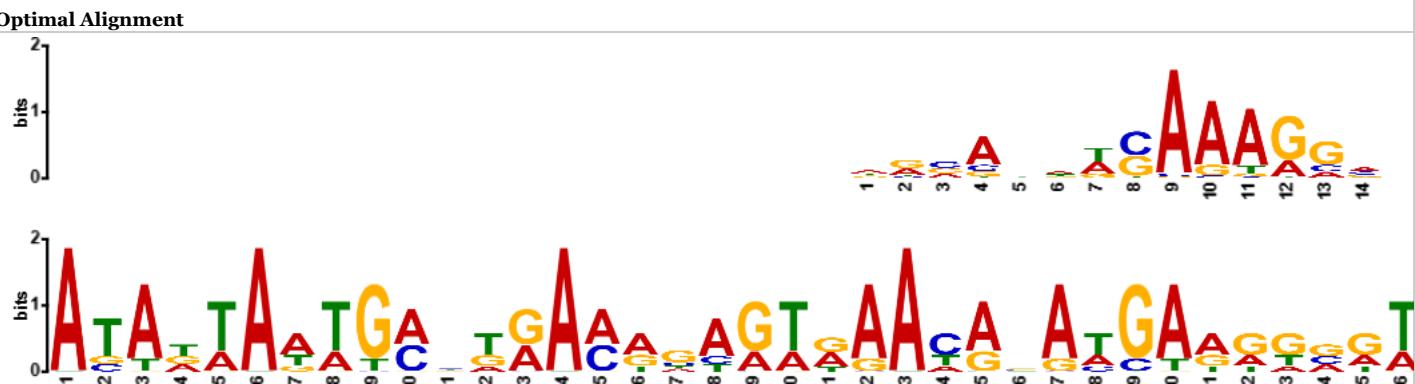
## Summary

<b>Name</b>	<a href="#">FLI1_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.43e-02
<b>E-value</b>	5.73e+00
<b>q-value</b>	3.31e-01
<b>Overlap</b>	18
<b>Offset</b>	-20
<b>Orientation</b>	Normal
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## Summary

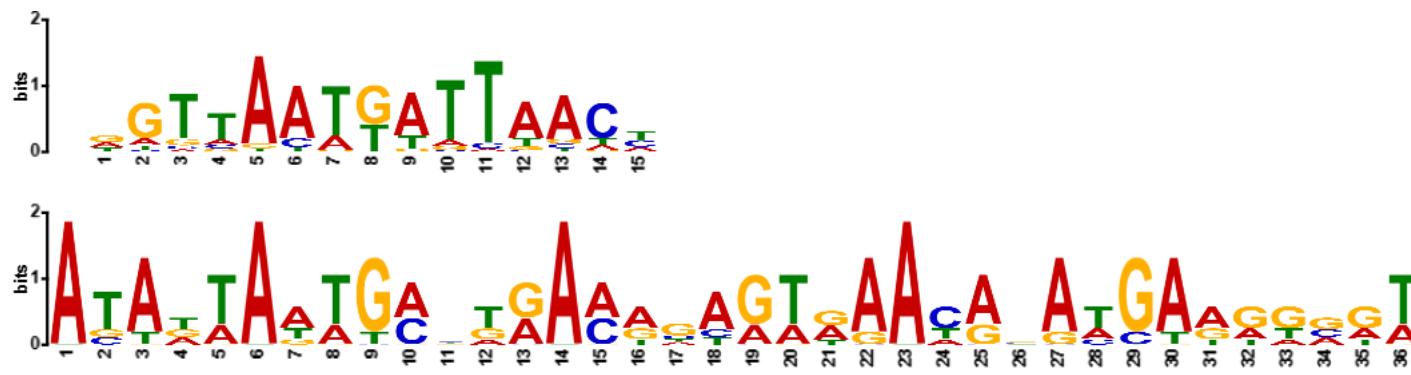
<b>Name</b>	<a href="#">LEF1_HUMAN.H11MO.0.A</a>
<b>Database</b>	HOCOMOCOv11_core_HUMAN_mono_meme_format
<b>p-value</b>	1.44e-02
<b>E-value</b>	5.79e+00
<b>q-value</b>	3.31e-01
<b>Overlap</b>	14
<b>Offset</b>	-21
<b>Orientation</b>	Reverse Complement
	<a href="#">Show logo</a> <a href="#">download options</a>



## Summary



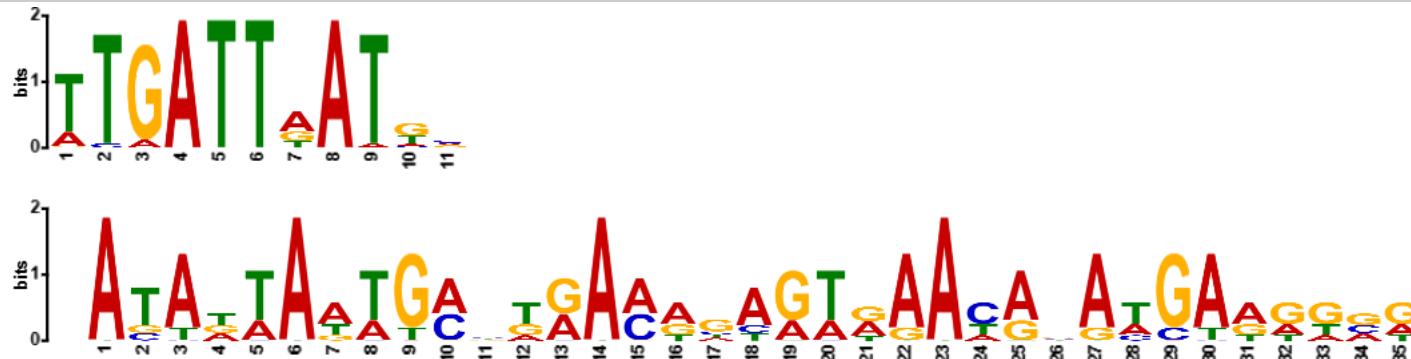
Name	<a href="#">HNF1A_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.69e-02
<i>E</i> -value	6.79e+00
<i>q</i> -value	3.77e-01
Overlap	15
Offset	-1
Orientation	Normal
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## Summary

Name	<a href="#">HXB8_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.86e-02
<i>E</i> -value	7.44e+00
<i>q</i> -value	3.91e-01
Overlap	10
Offset	1
Orientation	Normal
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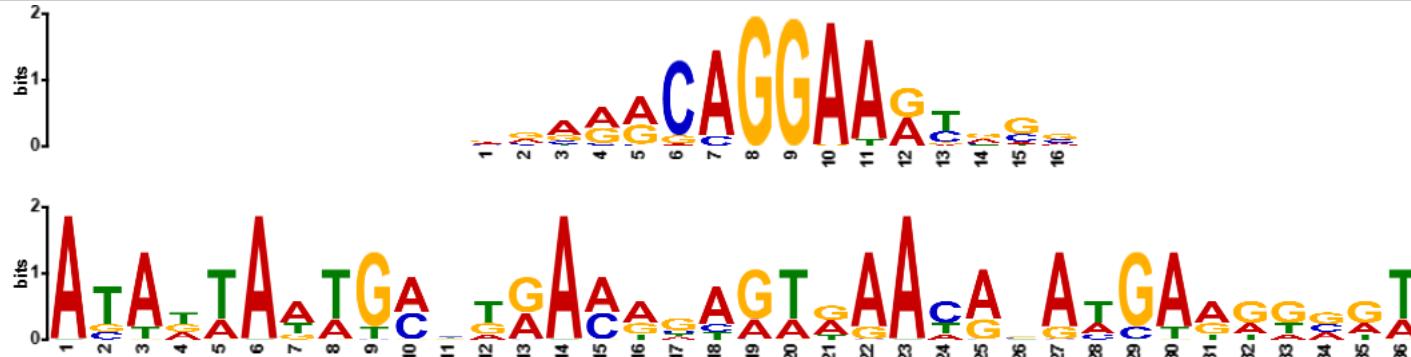
## Optimal Alignment



## Summary

Name	<a href="#">ETV2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.86e-02
<i>E</i> -value	7.44e+00
<i>q</i> -value	3.91e-01
Overlap	16
Offset	-11
Orientation	Normal
<a href="#">Show logo download options</a>	

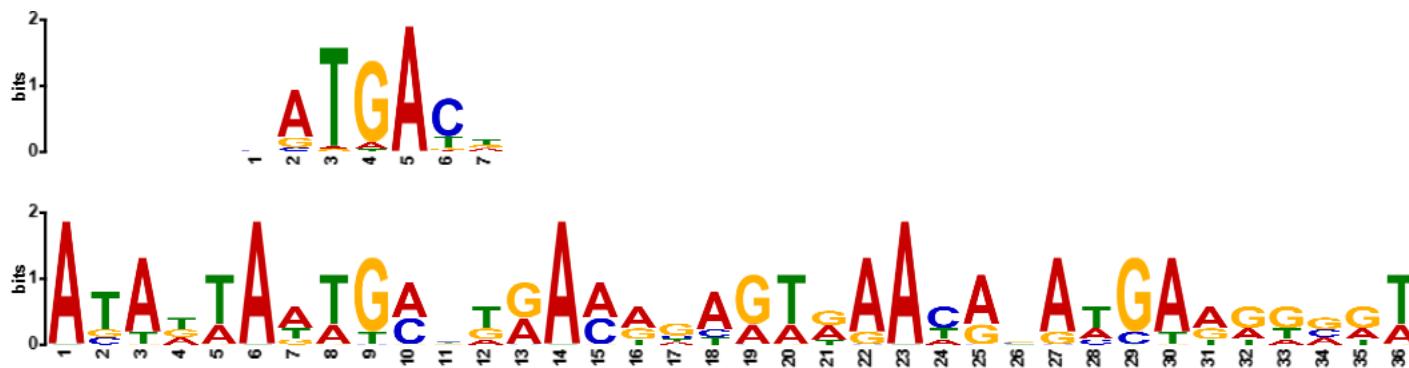
## Optimal Alignment



## Summary

## Optimal Alignment

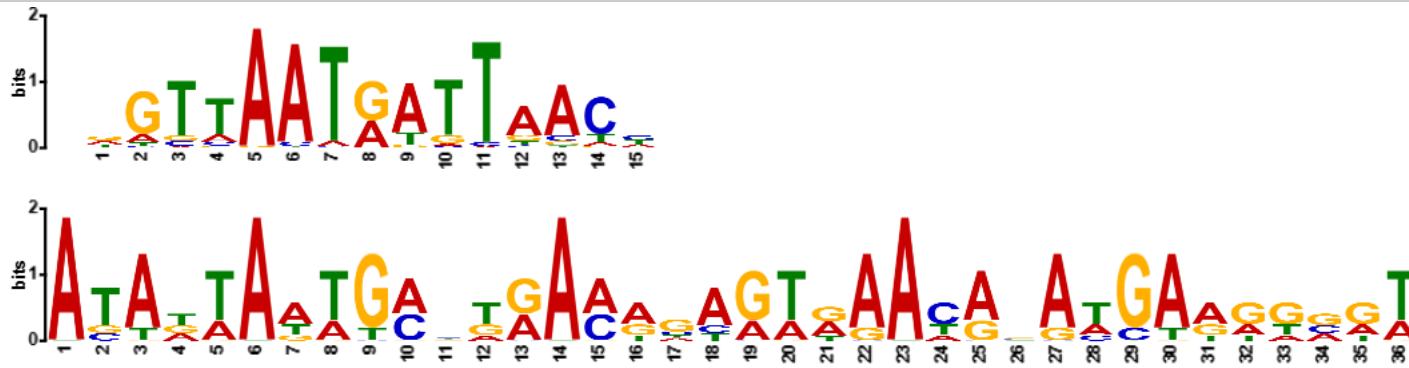
Name	<a href="#">NF2L1_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.05e-02
<i>E</i> -value	8.21e+00
<i>q</i> -value	4.20e-01
Overlap	7
Offset	-5
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">HNF1B_HUMAN.H11MO.0.A</a>
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	4.45e-01
Overlap	15
Offset	-1
Orientation	Normal
	<a href="#">Show logo download options</a>

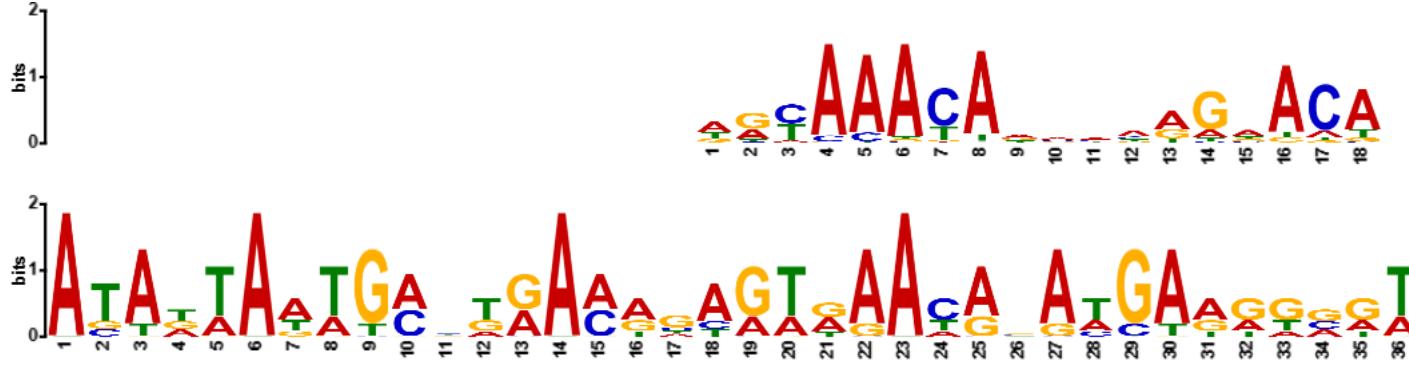
## Optimal Alignment



## Summary

Name	<a href="#">ANDR_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.33e-02
<i>E</i> -value	9.36e+00
<i>q</i> -value	4.47e-01
Overlap	18
Offset	-17
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

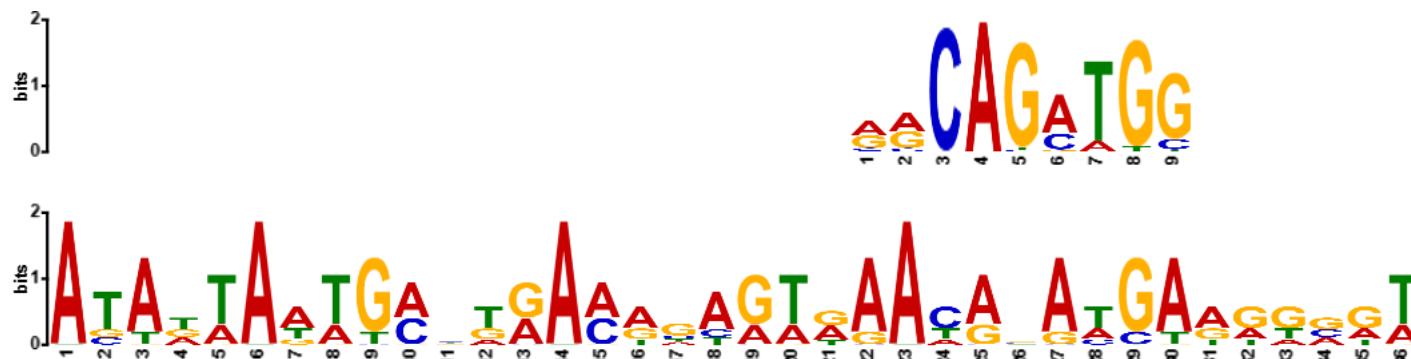
## Optimal Alignment



## Summary

## Optimal Alignment

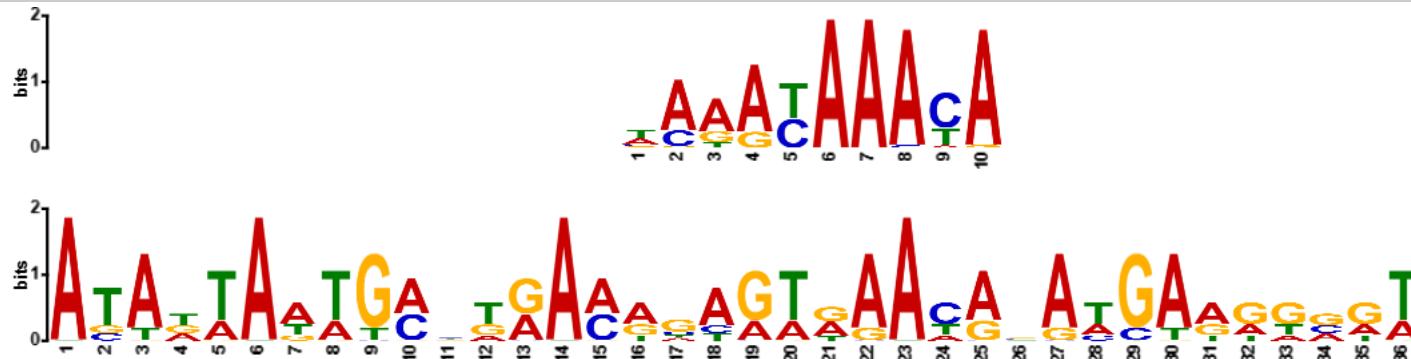
Name	<a href="#">NDF2_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.39e-02
<i>E</i> -value	9.57e+00
<i>q</i> -value	4.47e-01
Overlap	9
Offset	-21
Orientation	Normal
<a href="#">Show logo download options</a>	



## Summary

Name	<a href="#">FOXJ2_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.45e-02
<i>E</i> -value	9.81e+00
<i>q</i> -value	4.47e-01
Overlap	10
Offset	-15
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

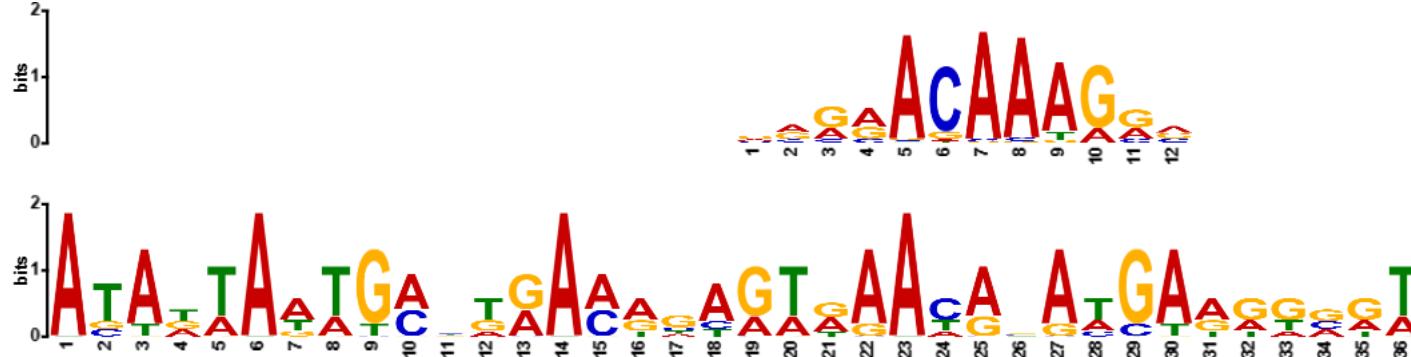
## Optimal Alignment



## Summary

Name	<a href="#">SOX4_HUMAN.H11MO.0.B</a>
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	4.47e-01
Overlap	12
Offset	-18
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

## Optimal Alignment



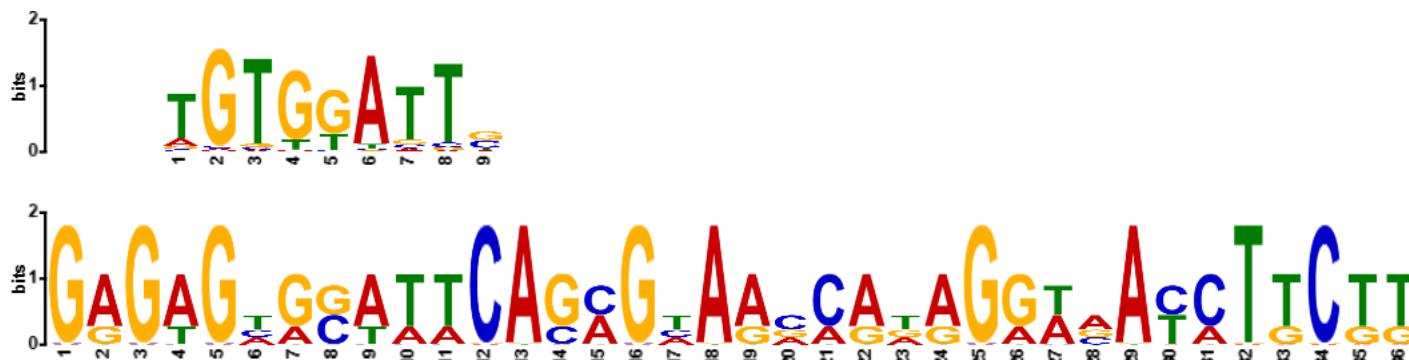
MATCHES TO GAGAGHGSATTCA GMGHA AV CADAG GWVAY CTTCT TVGT KACGA AGA (MEME-30)

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## Summary

## Optimal Alignment

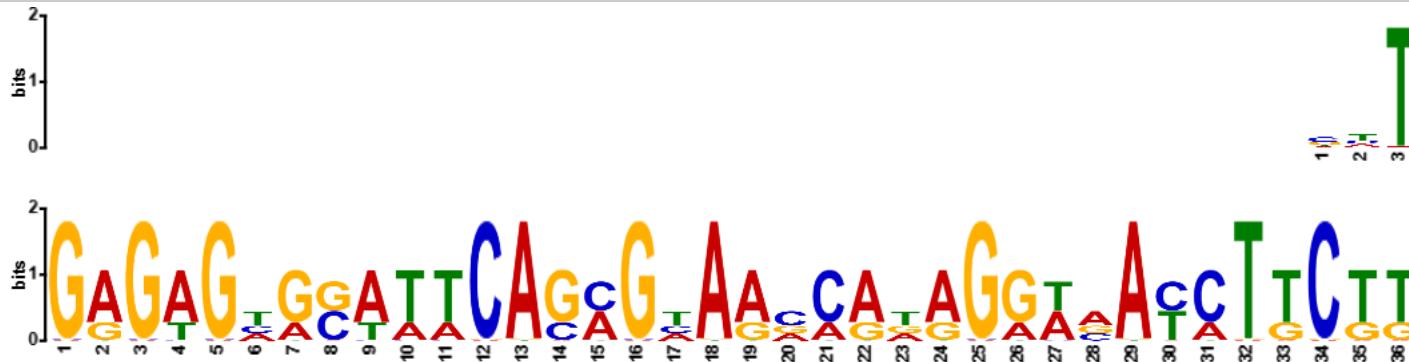
Name	<a href="#">FOXH1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	8.76e-03
<i>E</i> -value	3.51e+00
<i>q</i> -value	1.00e+00
Overlap	9
Offset	-3
Orientation	Normal
<a href="#">Show logo download options</a>	



### Summary

Name	<a href="#">FOXA3_HUMAN.H11MO.0.B</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	9.84e-03
<i>E</i> -value	3.95e+00
<i>q</i> -value	1.00e+00
Overlap	13
Offset	-33
Orientation	Normal
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### Optimal Alignment



### Summary

Name	<a href="#">REST_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.30e-02
<i>E</i> -value	5.21e+00
<i>q</i> -value	1.00e+00
Overlap	22
Offset	-23
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

### Optimal Alignment



### Summary

### Optimal Alignment

Name	<a href="#">ZN680_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.58e-02
<i>E</i> -value	6.34e+00
<i>q</i> -value	1.00e+00
Overlap	20
Offset	-23
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>



## Summary

Name	<a href="#">PO5F1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	1.65e-02
<i>E</i> -value	6.64e+00
<i>q</i> -value	1.00e+00
Overlap	16
Offset	-9
Orientation	Reverse Complement
	<a href="#">Show logo download options</a>

## Optimal Alignment



## Summary

Name	<a href="#">FOXO4_HUMAN.H11MO.0.C</a>
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	1.00e+00
Overlap	9
Offset	-34
Orientation	Normal
	<a href="#">Show logo download options</a>

## Optimal Alignment



## Summary

## Optimal Alignment

**Name** ZNF85\_HUMAN.H11MO.0.C

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.82e-02

**E-value** 7.30e+00

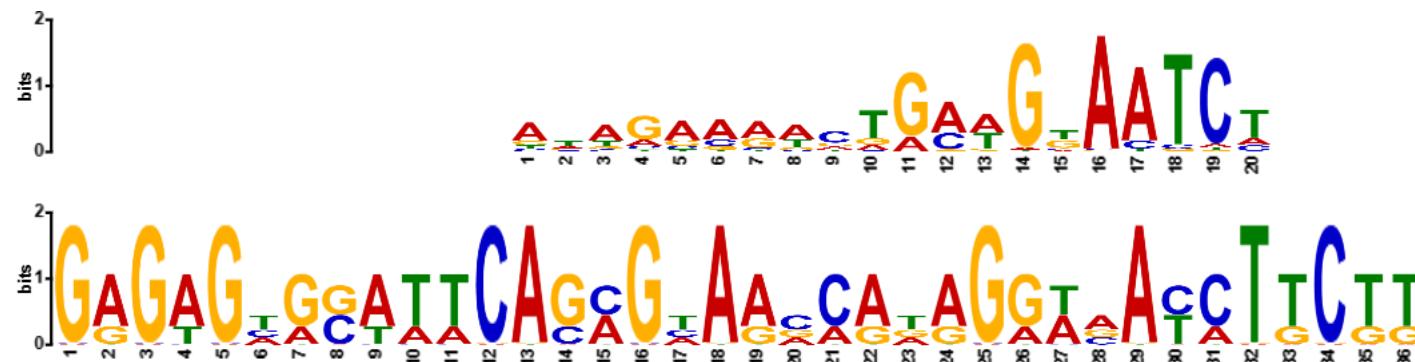
**q-value** 1.00e+00

**Overlap** 20

**Offset** -12

**Orientation** Normal

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## Summary

**Name** NANOG\_HUMAN.H11MO.0.A

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.89e-02

**E-value** 7.56e+00

**q-value** 1.00e+00

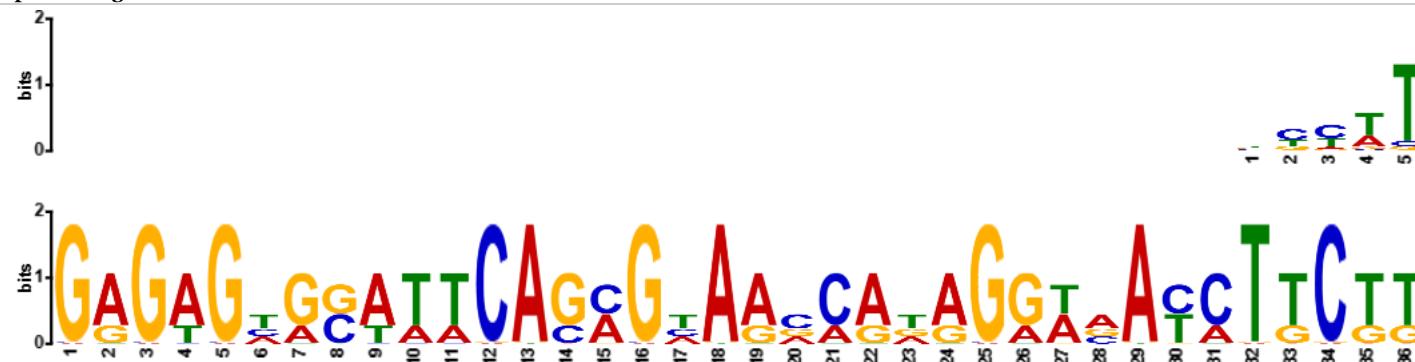
**Overlap** 16

**Offset** -31

**Orientation** Normal

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## Optimal Alignment



## Summary

**Name** ZN449\_HUMAN.H11MO.0.C

**Database** HOCOMOCOv11\_core\_HUMAN\_mono\_meme\_format

**p-value** 1.98e-02

**E-value** 7.93e+00

**q-value** 1.00e+00

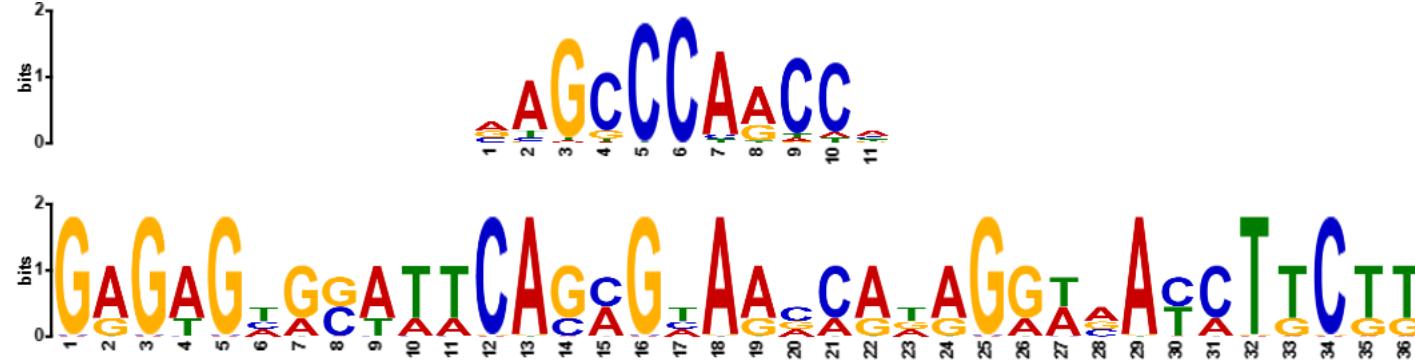
**Overlap** 11

**Offset** -11

**Orientation** Reverse Complement

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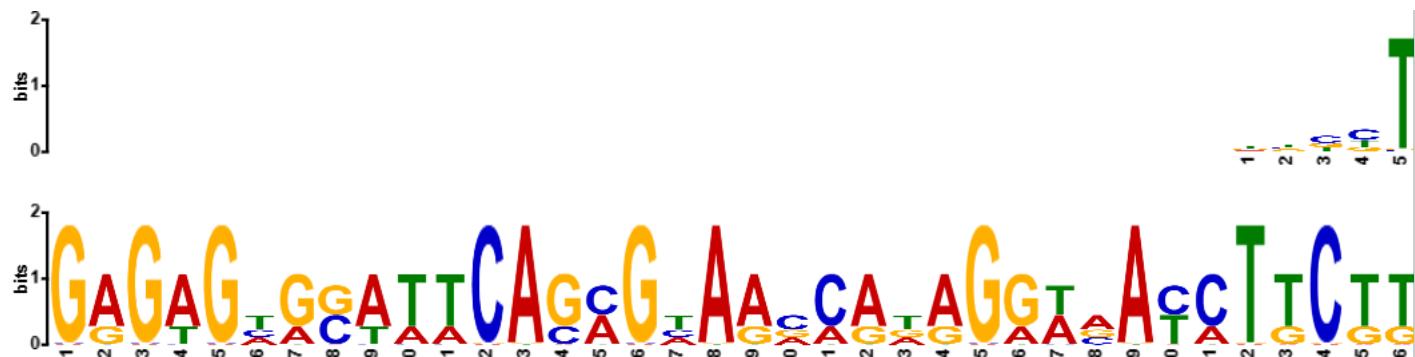
## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">FOXO1_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.04e-02
<i>E</i> -value	8.19e+00
<i>q</i> -value	1.00e+00
Overlap	12
Offset	-31
Orientation	Normal
<a href="#">Show logo download options</a>	



## Summary

Name	<a href="#">ZN547_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.10e-02
<i>E</i> -value	8.40e+00
<i>q</i> -value	1.00e+00
Overlap	20
Offset	-2
Orientation	Reverse Complement
<a href="#">Show logo download options</a>	

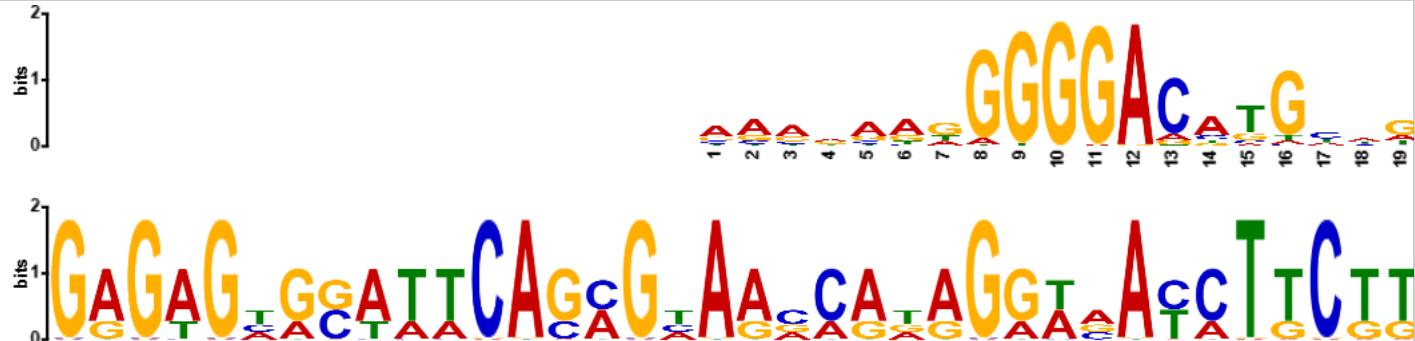
## Optimal Alignment



## Summary

Name	<a href="#">ZN816_HUMAN.H11MO.0.C</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.11e-02
<i>E</i> -value	8.48e+00
<i>q</i> -value	1.00e+00
Overlap	21
Offset	-17
Orientation	Normal
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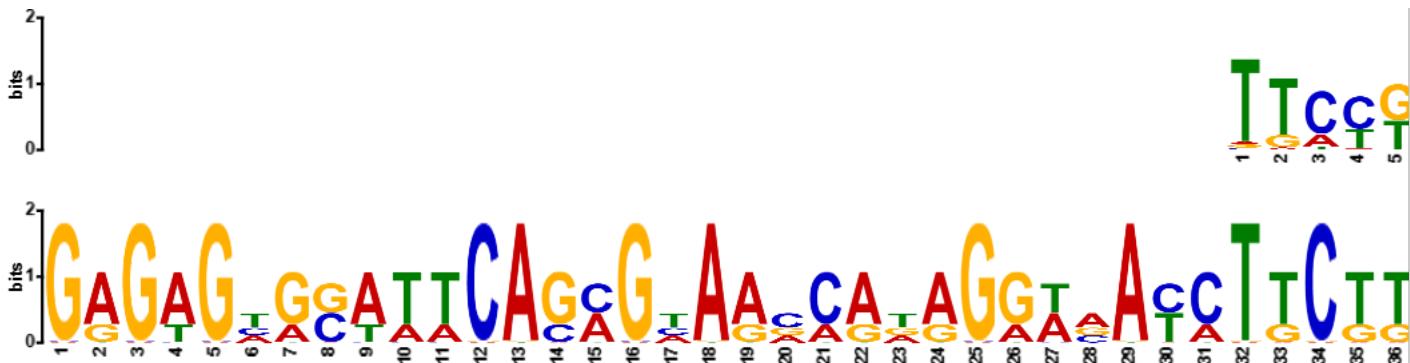
## Optimal Alignment



## Summary

## Optimal Alignment

Name	<a href="#">STAT3_HUMAN.H11MO.0.A</a>
Database	HOCOMOCOv11_core_HUMAN_mono_meme_format
<i>p</i> -value	2.46e-02
<i>E</i> -value	9.87e+00
<i>q</i> -value	1.00e+00
Overlap	12
Offset	-31
Orientation	Reverse Complement
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## SETTINGS

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### Alphabet

**Source:** the query file

Name	Bg.	Bg.	Name
Adenine	0.242	A	Thymine
Cytosine	0.258	C	Guanine

### Other Settings

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

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### Tomtom version

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 SS_meme.txt db/HUMAN/HOCOMOCOv11_core_HUMAN_mono_meme_format.meme
```

Result calculation took 479.827 seconds

