

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

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

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

QUERY MOTIFS Next Top

Database	ID	Alt. ID	Preview
motif of interest	pattern/Type1/motif_visualization/pwm_Motif_100.feather	pattern/Type1/motif_visualization/pwm_Motif_100.feather	gg GG
motif of interest	pattern/Type1/motif_visualization/pwm_Motif_106.feather	pattern/Type1/motif_visualization/pwm_Motif_106.feather	CG .
motif of interest	pattern/Type1/motif_visualization/pwm_Motif_125.feather	pattern/Type1/motif_visualization/pwm_Motif_125.feather	,
motif of interest	pattern/Type1/motif_visualization/pwm_Motif_185.feather	pattern/Type1/motif_visualization/pwm_Motif_185.feather	·) ÇQ_
motif of interest	pattern/Type1/motif_visualization/pwm_Motif_275.feather	pattern/Type1/motif_visualization/pwm_Motif_275.feather	, j ^{*s} -ċč
motif of interest	pattern/Type1/motif_visualization/pwm_Motif_278.feather	pattern/Type1/motif_visualization/pwm_Motif_278.feather	,] ^{è÷} ĈĈ ^{èŝ} Ĉ
motif of interest	pattern/Type1/motif_visualization/pwm_Motif_29.feather	pattern/Type1/motif_visualization/pwm_Motif_29.feather	·]
motif of interest	pattern/Type1/motif_visualization/pwm_Motif_291.feather	pattern/Type1/motif_visualization/pwm_Motif_291.feather	· Geeg
motif of interest	pattern/Type1/motif_visualization/pwm_Motif_4.feather	pattern/Type1/motif_visualization/pwm_Motif_4.feather	·]Ç
motif of interest	pattern/Type1/motif_visualization/pwm_Motif_78.feather	pattern/Type1/motif_visualization/pwm_Motif_78.feather	· <mark>G_{SP}G</mark> g

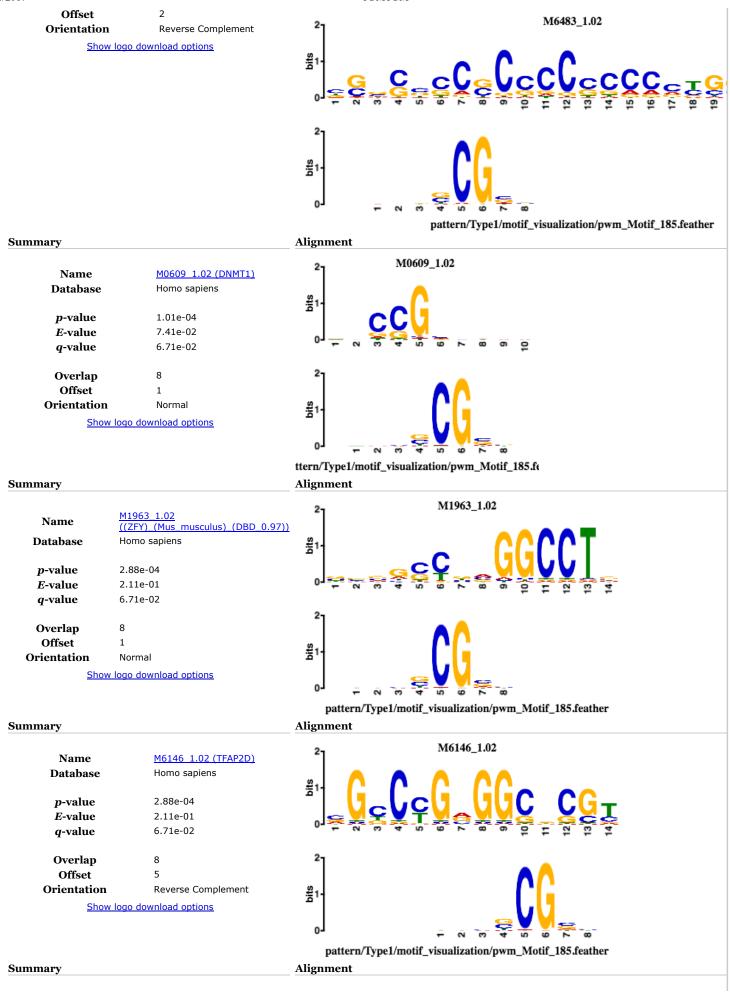
TARGET DATABASES Previous Next Top

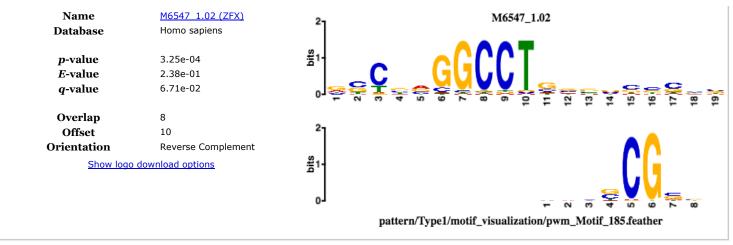
Database	Used	Matched
Homo sapiens	733	42

MATCHES TO PATTERN/TYPE1/MOTIF_VISUALIZATION/PWM_MOTIF_185.FEATHER (PATTERN/TYPE1/MOTIF_VISUALIZATION/PWM_MOTIF_185.FEATHER)

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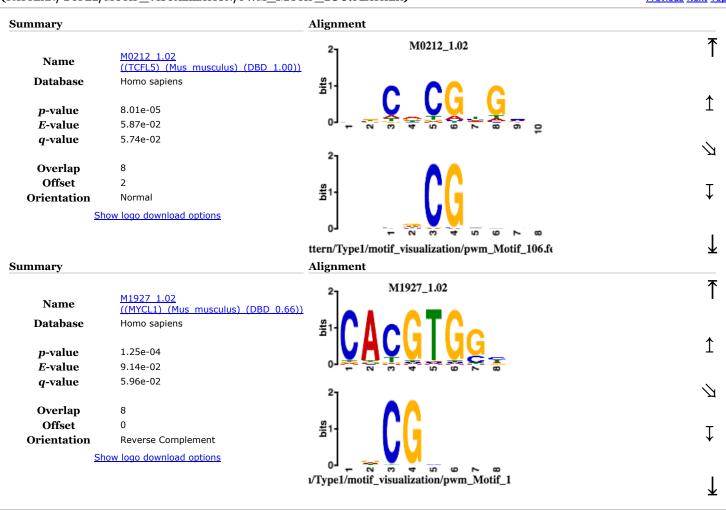
nmary	Alignment	
Name	M6483 1.02 (SP4)	
Database	Homo sapiens	
<i>p</i> -value	6.32e-05	
E-value	4.63e-02	
<i>q</i> -value	6.71e-02	
Overlap	8	





MATCHES TO PATTERN/TYPE1/MOTIF_VISUALIZATION/PWM_MOTIF_106.FEATHER (PATTERN/TYPE1/MOTIF_VISUALIZATION/PWM_MOTIF_106.FEATHER)

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MATCHES TO PATTERN/TYPE1/MOTIF_VISUALIZATION/PWM_MOTIF_275.FEATHER (PATTERN/TYPE1/MOTIF_VISUALIZATION/PWM_MOTIF_275.FEATHER)

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ımmary	Alignment	
Name	M4427 1.02 (CTCF)	
Database	Homo sapiens	
<i>p</i> -value	4.22e-06	
E-value	3.09e-03	
<i>q</i> -value	3.76e-03	

Overlap

8



M4427_1.02 Offset Orientation Reverse Complement Show logo download options pattern/Type1/motif_visualization/pwm_Motif_275.feathe **Summary** Alignment M4612_1.02 Name M4612 1.02 (CTCFL) Database Homo sapiens 7.75e-06 p-value 5.68e-03 E-value 3.76e-03 q-value Overlap 8 Offset Orientation Reverse Complement Show logo download options pattern/Type1/motif_visualization/pwm_Motif_275.feather **Summary** Alignment M6325_1.02 M6325_1.02 (KLF6) Name **Database** Homo sapiens p-value 7.89e-06 E-value 5.78e-03 3.76e-03 q-value 8 Overlap Offset Orientation Reverse Complement Show logo download options n/Type1/motif_visualization/pwm_Motif_2 **Summary** Alignment M1906_1.02 M1906 1.02 (SP1) Name **Database** Homo sapiens p-value 2.17e-05 E-value 1.59e-02 q-value 7.02e-03 Overlap 8 Offset Orientation Reverse Complement Show logo download options pattern/Type1/motif_visualization/pwm_Motif_275.feat Alignment **Summary**

Name

Database

p-value

E-value

<i>q</i> -value	7.02e-03	
Overlap	8	
Offset	8	
Orientation	Reverse Complement	
Show logo download options		

M6482 1.02 (SP3)

Homo sapiens

2.73e-05

2.00e-02

Summary

Name	M6535 1.02 (WT1
Database	Homo sapiens

p-value 2.94e-05 E-value 2.16e-02 7.02e-03 q-value

8 Overlap Offset 3

Orientation Reverse Complement

Show logo download options

Alignment





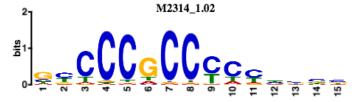
pattern/Type1/motif_visualization/pwm_Motif_275.feather

Summary

Name	M2314_1.02 (SP2)
Database	Homo sapiens
<i>p</i> -value	3.93e-05
E-value	2.88e-02
<i>q</i> -value	8.02e-03
Overlap	8
Offset	3
Orientation	Reverse Complement

Show logo download options

Alignment



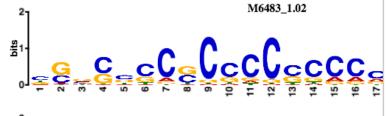


pattern/Type1/motif_visualization/pwm_Motif_275.feather

Summary

Name	M6483 1.02 (SP4)
Database	Homo sapiens
p-value	5.30e-05
E-value	3.88e-02
<i>q</i> -value	9.41e-03
Overlap	8
Offset	5
Orientation	Reverse Complement
Show loc	o download ontions

Alignment



pattern/Type1/motif_visualization/pwm_Motif_275

Summary

Alignment

Name	M6539 1.02 (ZBTB7B)	M6539_1.02
Database	Homo sapiens	27
Ī	5.02.05	器 ₁ .
<i>p</i> -value <i>E</i> -value	5.92e-05 4.34e-02	
<i>q</i> -value	9.41e-03	CACECACATANANCE
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Overlap	8	2-
Offset Orientation	8 Reverse Complement	-[
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		pattern/Type1/motif_visualization/pwm_Motif_275.feat
Summary		Alignment
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Name	M6553 1.02 (ZNF219)	2- 1410535_1.02
Database	Homo sapiens	φ
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<i>p</i> -value <i>E</i> -value	8.55e-05 6.27e-02	
<i>q</i> -value	1.22e-02	01 2 2 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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		pattern/Type1/motif_visualization/pwm_Motif_275.feathe
Summary		Alignment
Name	M4459_1.02 (EGR1)	2 ₇ M4459_1.02
Name Database	Homo sapiens	
Dutubuse	nome supreme	
<i>p</i> -value	1.43e-04	
E-value	1.05e-01	
<i>q</i> -value	1.86e-02	
Overlap	8	27
Offset	8	
Orientation	Reverse Complement	器1-
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		$pattern/Type1/motif_visualization/pwm_Motif_275.feather$
Summary		Alignment
		2 ₇ M5593_1.02
Name Database	M5593 1.02 (KLF16) Homo sapiens	
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<i>p</i> -value	2.07e-04	ET CCAC CCCCC
E-value	1.52e-01	Ŷ Ĕ ŸŶĠŶĔŸŶŖŖ
<i>q</i> -value	2.47e-02	. 1 2 8 4 5 9 6 1
Overlap	8	27
Offset	3	
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		pattern/Type1/motif_visualization/pwm_Motif_275.feat
Summary		Alignment
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Name	M5977 1.02 (ZNF740)	2 ₇ M5977_1.02
Database	Homo sapiens	
<i>p</i> -value	2.41e-04	#1 OCCCCC
<i>E</i> -value	1.77e-01	- CUUUUG
<i>q</i> -value	2.66e-02	
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		ttern/Type1/motif_visualization/pwm_Motif_275.fc
Summary		Alignment
		M6552_1.02
Name	M6552 1.02 (ZNF148)	<u>-</u> 1
Database	Homo sapiens	
<i>p</i> -value	2.90e-04	* _CLIC
E-value	2.12e-01	CANA AAAAA
<i>q</i> -value	2.96e-02	이후수월 수 약 중 동 월 일 중 수 숲 본 송 종
q-value	2.306-02	
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		27 M6336_1.02
Name	M6336_1.02 (MAZ)	2]
Database	Homo sapiens	
<i>p</i> -value	3.61e-04	
<i>E</i> -value	2.65e-01	CACTCAATAACC ACC
	3.45e-02	0 - 2 - 4 - 2 - 5 - 5 - 5 - 5 - 7 - 4 - 7 - 7
<i>q</i> -value	3.43e-02	
Overlap	8	2-
		-
Offset	8	
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		pattern/Type1/motif_visualization/pwm_Motif_275.feather
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Summary		Alignment
		M6199_1.02
Name	M6199 1.02 (EGR2)	<u>-</u> 1
Database	Homo sapiens	
<i>p</i> -value	3.90e-04	The Colubback of the
<i>E</i> -value	2.86e-01	ICXXVVVAV V
<i>q</i> -value	3.49e-02	01 = 2 2 4 3 2 2 2 2 2 =
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		pattern/Type1/motif_visualization/pwm_Motif_275.feat
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Nome		M6321 1 02 (VLE15)	
Name		M6321 1.02 (KLF15)	2 ₇ M6321_1.02
Databa	se	Homo sapiens	
<i>p</i> -valu	e	5.80e-04	£1-1
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E-value			CCCU_A_VIUUCC cd
<i>q</i> -valu	e	4.88e-02	ᆔᅓᅜᆇᄎᆇᆇᄝᅩᄎᆇᇰᇋᇰᇰᆇᆇᆂᇢᇳ
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Summary			Alignment
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Name		<u>:</u> osophila melanogaster) (DBD 0.93))	
Database	Homo sapie		
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			CALIFILIT.
<i>p</i> -value	6.84e-04		G_YCV¥VV¥AC
<i>E</i> -value	5.01e-01		이 수 꽃 꼭 못 잘 잘 잘 쓸 을 유 옷 들
q-value	5.06e-02		
q-value	J.00E-02		
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			M6306_1.02
Name	•	M6306_1.02 (INSM1)	-
Databas	se	Homo sapiens	
			81 CCCCCT →
1	_	6.85e-04	
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<i>q</i> -valu	e	5.06e-02	1 2 8 4 4 5 5 1 1 1 1 2 1 2 1
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Name		M4640 1 02 (ZPTPZA)	² 1 M4640_1.02
		M4640 1.02 (ZBTB7A)	
Databas	se	Homo sapiens	, A A _
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<i>p</i> -value <i>E</i> -value		5.18e-01	C - WAVVVY
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			pattern/Type1/motif_visualization/pwm_Motif_275.feather
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1/2017			TOMTOM	
Name	M6123 1.02	Mus musculus) (DBD 1.00))	2 ₇ M6123_1.02	
Database	Homo sapien			
<i>p</i> -value	8.13e-04		- ¹UCUC±UUUUU -	
<i>E</i> -value	5.96e-01		TAXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	e
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Name	0	M6442 1.02 (PURA)	² 7 M6442_1.02	
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Summary				
Name	e	M6201_1.02 (EGR4)	M6201_1.02	
Databa		Homo sapiens		
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<i>p</i> -valu	ie	1.02e-03	" UCCTabbabb	
<i>E</i> -valu		7.48e-01		
<i>q</i> -valu	ie	6.35e-02	2 5 5 5 6 6 6 11	
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Summary			Alignment	
••	_	MEEOD 1 02 (44 E4 1)	2 ₇ M5592_1.02	
Name		M5592 1.02 (KLF14)		
Databa	ise	Homo sapiens	۵۰	
<i>p</i> -valu	16	1.16e-03	ET CACCCCC	
<i>p</i> -varu <i>E</i> -valu		8.51e-01	ĞeYMVVVVÇÇ+	
<i>q</i> -valu		6.92e-02	0=2242222	
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Summary			Alignment	

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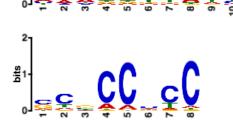
TOMTOM

Alignment

Alignment

Alignment

Name Database	M6422 1.02 (PLAGL1) Homo sapiens
<i>p</i> -value	1.21e-03
E-value	8.89e-01
<i>q</i> -value	6.92e-02
Overlap	8
Offset	0
Orientation	Reverse Complement
Show logo download options	



M6422_1.02

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Summary

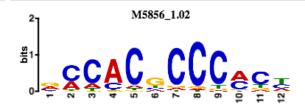
Name	M5856 1.02 (SP8)
Database	Homo sapiens
<i>p</i> -value	1.26e-03

E-value 1.26e-03 **E-value** 9.21e-01 **q-value** 6.92e-02

Overlap 8 Offset 3

Orientation Reverse Complement

Show logo download options





 $pattern/Type1/motif_visualization/pwm_Motif_275.feath \epsilon$

Summary

Mare	<u>M0404_1.02</u>	
Name	((ZNF202)_(Mus_musculus)_(DBD	_0.87))

Database Homo sapiens

p-value1.80e-03E-value1.32e+00q-value9.43e-02

Overlap 8 Offset 1

Orientation Reverse Complement

Show logo download options



ttern/Type1/motif_visualization/pwm_Motif_275.fe

Summary

Name	M6270 1.02 (NHLH1)
Database	Homo sapiens

 p-value
 1.85e-03

 E-value
 1.35e+00

 q-value
 9.43e-02

Overlap 8
Offset 12
Orientation Normal

Show logo download options





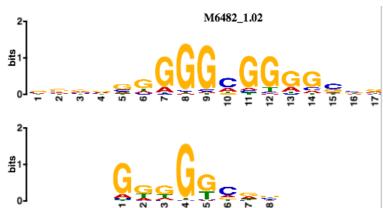
pattern/Type1/motif_visualization/pwm_Motif_275.feather

 $Matches \ to \ pattern/Type1/motif_visualization/pwm_Motif_78. feather \ (pattern/Type1/motif_visualization/pwm_Motif_78. feather)$

Previous Next Top

Summary		Alignment
Name	M4427_1.02 (CTCF)	²] M4427_1.02
Database	Homo sapiens	
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<i>p</i> -value	1.13e-05	
E-value	8.25e-03	UVAC_MVXGVVV
q-value	4.16e-03	01 - 2 × 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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		pattern/Type1/motif_visualization/pwm_Motif_78.fea
ummary		Alignment
Name	M1906 1.02 (SP1)	² 7 M1906_1.02
Name Database		
Database	Homo sapiens	2.
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<i>p</i> -value	1.38e-05	_GUU_UUGG
E-value	1.01e-02	⋪ ⋛⋛⋛ ⋨⋨⋛⋛ ⋛
<i>q</i> -value	4.16e-03	, t
Overlap	8	27
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		pattern/Type1/motif_visualization/pwm_Motif_78.feat
Summary		Alignment
		2 ₇ M6535_1.02
Name	M6535 1.02 (WT1)	7
Database	Homo sapiens	, A
		器1- C C C C
<i>p</i> -value	1.62e-05	
<i>E</i> -value	1.19e-02	^{시얼} ᇂઙૢૢૢૢૢૢૢૢૢૣૣૣૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢ
<i>q</i> -value	4.16e-03	1 2 8 4 5 9 8 6 0 1 1 2 E
Overlap	8	2]
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Orientation	Normal	[[
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		pattern/Type1/motif_visualization/pwm_Motif_78.feather
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Name	M6482_1.02 (SP3)	
Database	Homo sapiens	
<i>p</i> -value	1.73e-05	
<i>p</i> -value <i>E</i> -value	1.27e-02	
<i>q</i> -value	4.16e-03	
Overlap	8	
Offset	4	
Orientation	Normal	

Show logo download options



pattern/Type1/motif_visualization/pwm_Motif_78.feather

Summary

Name M6325 1.02 (KLF6)
Database Homo sapiens

 p-value
 1.76e-05

 E-value
 1.29e-02

 q-value
 4.16e-03

Overlap 8
Offset 0
Orientation Normal

Show logo download options

Alignment





Summary

Name Database	M2314_1.02 (SP2) Homo sapiens
<i>p</i> -value	2.16e-05
<i>E</i> -value	1.58e-02
<i>q</i> -value	4.16e-03
Overlap	8
Offset	4
Orientation	Normal

Show logo download options

Alignment

Alignment





pattern/Type1/motif_visualization/pwm_Motif_78.feather

Summary

Summary

Name Database	M4612 1.02 (CTCFL) Homo sapiens
<i>p</i> -value	2.16e-05
E-value	1.58e-02
<i>q</i> -value	4.16e-03
Overlap	8
Offset	6
Orientation	Normal
Show loc	no download options



pattern/Type1/motif_visualization/pwm_Motif_78.feather

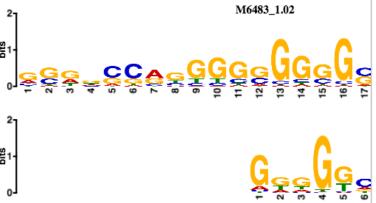
Alignment

5/4/2017

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Name	M4459 1.02 (EGR1)	M4459_1.02
Database	Homo sapiens	2]
<i>p</i> -value	2.34e-05	
E-value	1.72e-02	UUGUUUCUG
<i>q</i> -value	4.16e-03	이 = 프 본 축 및 교 축 및 교 축 표 교 관 프
Overlap	8	
Offset	4	27
Orientation	Normal	
Show Io	ogo download options	£11-1 C
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		1 2 6 4 6 9 7 8
_		pattern/Type1/motif_visualization/pwm_Motif_78.feather
Summary		Alignment
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Name Database	M6553 1.02 (ZNF219) Homo sapiens	_
Database	потпо зартенз	g ₁ .
<i>p</i> -value	5.77e-05	
E-value	4.23e-02	
q-value	9.11e-03	01 1 2 8 4 2 9 7 8 9 5 1 2
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Overlap	8	2]
Offset	3	
Orientation	Normal	51-
Show Id	ogo download options	G-UG
		'] 太감종 ^종
		- V & 4 & 0 V &
•		pattern/Type1/motif_visualization/pwm_Motif_78.feather
Summary		Alignment
Name	M5593_1.02 (KLF16)	2 ₁ M5593_1.02
Database	Homo sapiens	
Database	Homo supiens	
<i>p</i> -value	8.22e-05	
<i>E</i> -value	6.03e-02	'XAXXXXXXXXX
<i>q</i> -value	1.14e-02	0 - 2 8 4 3 5 7 8 9 5 1
Overlap	8	2]
Offset	0 Name - I	_
Orientation	Normal	<u>\$2</u> 1-
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		pattern/Type1/motif_visualization/pwm_Motif_78.featl
Summary		Alignment
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Name	M6539 1.02 (ZBTB7B)	² 1 M6539_1.02
Database	Homo sapiens	
2		£1·
<i>p</i> -value	8.92e-05	" G G GUILL GG-G-
E-value	6.54e-02	
<i>q</i> -value	1.14e-02	2 5 4 4 5 9 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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		pattern/Type1/motif_visualization/pwm_Motif_78.feath
Summary		Alignment
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Databa	ise	Homo sapiens		
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Overla	m	8		
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C			Alian mana	
Summary			Alignment	
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			2 ₇ N	M5209_1.02
Name	M5209 1.02			
Name	((SP5) (Drose	ophila melanogaster) (DBD 0.93))		
Database	Homo sapiens	-	۸	A /
Database	nomo sapiens		1 수	
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<i>q</i> -value	1.22e-02			,
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Overlap	8			
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Orientation	Normal		ے اور	
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Summary			Alignment	
				M6442_1.02
			2-	1.20 1.2_2102
Name	2	M6442_1.02 (PURA)	²]	
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Databa	se	Homo sapiens	sig 1	
Databa <i>p-</i> valu	se	Homo sapiens 1.37e-04		e eG eGec eGe
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Databa p-valu E-valu q-valu Overla Offse	se le le le t tion	Homo sapiens 1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement	stig o stig o	
Databa p-valu E-valu q-valu Overla Offse	se le le le t tion	Homo sapiens 1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement	stid o stid o	Pel/motif_visualization/pwm_Motif_78.feather
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Databa p-valu E-valu q-valu Overla Offse	se le le le t tion	Homo sapiens 1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement	stid o stid o	
Databa p-valu E-valu q-valu Overla Offsei Orientat	se le le le t tion	Homo sapiens 1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement	sta 1	GESTANDEL MOTIF_78.feather
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Databa p-valu E-valu q-valu Overla Offset Orientat Summary	se le le le le lo lo sp t t cion Show logo down	Homo sapiens 1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement	pattern/Ty	GESTANDEL MOTIF_78.feather
Databa p-valu E-valu q-valu Overla Offset Orientat	se le le le le lo lo sp t t cion Show logo down	1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement	pattern/Ty Alignment	GESTANDEL MOTIF_78.feather
Databa p-valu E-valu q-valu Overla Offset Orientat Summary	se le le le le lo lo sp t t cion Show logo down	Homo sapiens 1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1)	pattern/Ty Alignment	GESTANDEL MOTIF_78.feather
P-valu E-valu q-valu Overla Offsei Orientat Summary Name	se le le le le le lo sp t dion Show logo down	Homo sapiens 1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement mod options M6306 1.02 (INSM1) Homo sapiens	pattern/Ty	GESTANDEL MOTIF_78.feather
Databa p-valu E-valu q-valu Overla Offset Orientat Summary	se le le le le le lo sp t dion Show logo down	Homo sapiens 1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1)	pattern/Ty Alignment	GESTANDEL MOTIF_78.feather
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P-valu P-valu P-valu q-valu Overla Offset Orientat Summary Name Databa P-valu E-valu	se le le le le lo sp t dion Show logo down	1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1) Homo sapiens 1.62e-04 1.19e-01	pattern/Ty Alignment	GESTANDEL MOTIF_78.feather
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P-valu P-valu P-valu q-valu Overla Offset Orientat Summary Name Databa P-valu E-valu	se le le le le lo sp t dion Show logo down	1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1) Homo sapiens 1.62e-04 1.19e-01	pattern/Ty Alignment	GESTANDEL MOTIF_78.feather
P-valu P-valu P-valu q-valu Overla Offset Orientat Summary Name Databa P-valu E-valu q-valu	se le le le le le se show logo down	1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1) Homo sapiens 1.62e-04 1.19e-01 1.54e-02	pattern/Ty Alignment	GESTANDEL MOTIF_78.feather
P-valu E-valu q-valu Overla Offset Orientat Summary Name Databa p-valu E-valu q-valu Overla	se le le le le le so so so se e e e e	1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1) Homo sapiens 1.62e-04 1.19e-01	pattern/Ty Alignment	GESTANDEL MOTIF_78.feather
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P-valu E-valu q-valu Overla Offset Orientat Summary Name Databa p-valu E-valu q-valu Overla Offset	se le le le le se sp t dion Show logo down	1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1) Homo sapiens 1.62e-04 1.19e-01 1.54e-02 7 5	pattern/Ty Alignment 2 2 3 3 1 0 pattern/Ty Alignment 2 2 2 3 2 2 3 3 4 4	GESTANDEL MOTIF_78.feather
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P-valu E-valu q-valu Overla Offset Orientat Summary Name Databa p-valu E-valu q-valu Overla Offset	se le	1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1) Homo sapiens 1.62e-04 1.19e-01 1.54e-02 7 5 Normal	pattern/Ty Alignment	GESTANDEL MOTIF_78.feather
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P-valu E-valu q-valu Overla Offset Orientat Summary Name Databa p-valu E-valu q-valu Overla Offset	se le	1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1) Homo sapiens 1.62e-04 1.19e-01 1.54e-02 7 5 Normal	pattern/Ty Alignment 2 State of the state	GESTANDEL MOTIF_78.feather
P-valu E-valu q-valu Overla Offset Orientat Summary Name Databa p-valu E-valu q-valu Overla Offset	se le	1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1) Homo sapiens 1.62e-04 1.19e-01 1.54e-02 7 5 Normal	pattern/Ty Alignment 2 2 3 3 1 0 pattern/Ty Alignment 2 2 2 3 2 2 3 3 4 4	GESTANDEL MOTIF_78.feather
P-valu E-valu q-valu Overla Offset Orientat Summary Name Databa p-valu E-valu q-valu Overla Offset	se le	1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1) Homo sapiens 1.62e-04 1.19e-01 1.54e-02 7 5 Normal	pattern/Ty Alignment 2 \$\frac{2}{\text{sign}} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{3} \text{2} \text{2} \text{2} \text{3} \text{2} \text{3} \text{2} \text{3} \text{3} \text{3}	GERGE GERGE pel/motif_visualization/pwm_Motif_78.feather M6306_1.02 GERGE GERGE M6306_ERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GERGE GER
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P-valu E-valu q-valu Overla Offset Orientat Summary Name Databa p-valu E-valu q-valu Overla Offset	se le	1.37e-04 1.00e-01 1.39e-02 8 7 Reverse Complement cload options M6306 1.02 (INSM1) Homo sapiens 1.62e-04 1.19e-01 1.54e-02 7 5 Normal	pattern/Ty Alignment 2 \$\frac{2}{\text{sign}} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{2} \text{3} \text{2} \text{2} \text{2} \text{3} \text{2} \text{3} \text{2} \text{3} \text{3} \text{3}	GERGE GERGE pel/motif_visualization/pwm_Motif_78.feather M6306_1.02 GERGE GERGE M6306_SERVER M6

Name Database	M6483 1.02 (SP4) Homo sapiens	2
<i>p</i> -value <i>E</i> -value <i>q</i> -value	2.33e-04 1.71e-01 2.07e-02	stia 1
Overlap Offset	8 11	2]
Orientation Show logo	Normal download options	stiq 1-



pattern/Type1/motif_visualization/pwm_Motif_78.1

Summary

Name	M6201 1.02 (EGR4)
Database	Homo sapiens
<i>p</i> -value	2.72e-04
<i>E</i> -value	2.00e-01

 q-value
 2.27e-02

 Overlap
 8

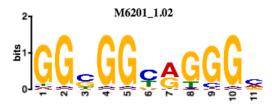
 Offset
 0

Orientation

Show logo download options

Normal

Alignment





pattern/Type1/motif_visualization/pwm_Motif_78.featl Alignment

Summary

Name Database	M5856 1.02 (SP8) Homo sapiens
<i>p</i> -value	2.92e-04
E-value	2.14e-01
<i>q</i> -value	2.31e-02
Overlap	8
Offset	1
Orientation	Normal

Show logo download options

M5856_1.02

M5856_1.02

M5856_1.02



pattern/Type1/motif_visualization/pwm_Motif_78.feather

Summary

Summary

Name Database	M5592 1.02 (KLF14) Homo sapiens
<i>p</i> -value	3.77e-04
E-value	2.77e-01
q-value	2.82e-02
Overlap	8
Offset	2
Orientation	Normal
Show log	o download options



pattern/Type1/motif_visualization/pwm_Motif_78.feather

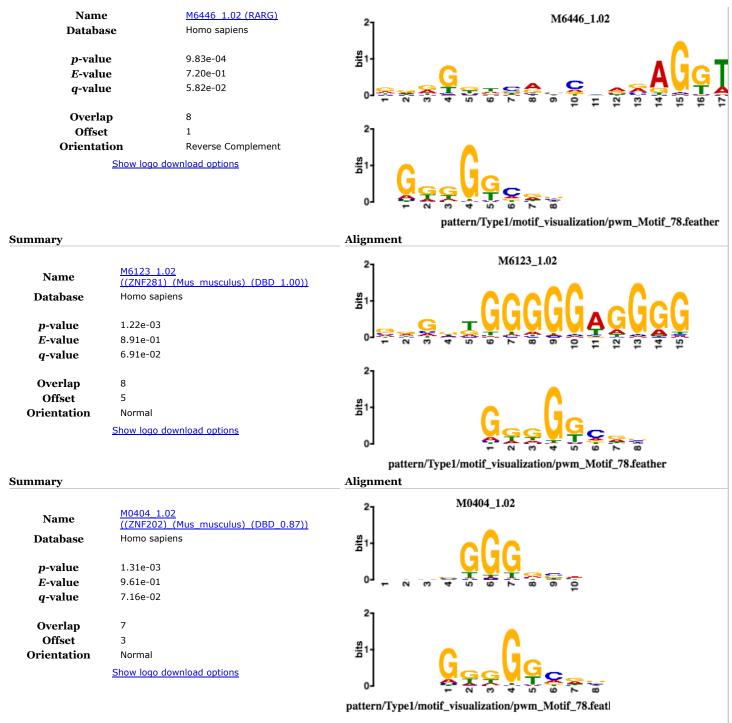
Alignment

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Name	M6552 1.02 (ZNF148)	2 ₁ M6552_1.02
Database	Homo sapiens	-
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<i>p</i> -value	4.30e-04	
<i>E</i> -value	3.15e-01	[917171717 G17Gc
<i>q</i> -value	3.05e-02	Le e MANAN ANAR
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Overlap	8	
Offset	5	27
Orientation	Normal	
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		pattern/Type1/motif_visualization/pwm_Motif_78.feather
Summary		Alignment
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		27 M5977_1.02
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E-value	4.08e-01	GTUMUMUU
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<i>q</i> -value	3.77e-02	- 1 2 6 4 7 9 7 8 6 0
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Overlap	8	٦
Offset	2	
Orientation	Normal	<u>α</u> .
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		attern/Type1/motif_visualization/pwm_Motif_78.fe
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		M4640_1.02
Name	M4640_1.02 (ZBTB7A)	21
Database	Homo sapiens	
Database	Homo sapiens	σ. Ι
		£1-1 <u> </u>
<i>p</i> -value	7.02e-04	GISTATI.
<i>E</i> -value	5.15e-01	lege XMMMAV-e G
	4.53e-02	01-28-45 9 - 8 6 0 - 28 4 5
<i>q</i> -value	4.536-02	
Overlap	8	² 1
Offset	5	
Orientation	Normal	51-
Show lov	go download options	
Show lot	go aominoda options	U _{GG} UG _G
		9 女芸芸・工奏を 楽
		- 2 6 4 7 9 7 8
		pattern/Type1/motif_visualization/pwm_Motif_78.feather
lummary		Alignment
		346226 1.00
Nove	M6336 1.02 (MAZ)	² 1 M6336_1.02
Name		
Database	Homo sapiens	
		511
<i>p</i> -value	9.35e-04	
		GGU GGUU∆UUG▲GU
E-value	6.85e-01	ᆘᆖᇹᇫᅌᆖᇫᇫᇫᇫᇫᇫᇫᇫᆛᇎᇫᇋᇫᇊ
<i>q</i> -value	5.77e-02	2
01	0	2-
Overlap	8	1
Offset	1	
Orientation	Normal	2.
		51-1
Show log	go download options	
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		이 충포포유무종종
		pattern/Type1/motif_visualization/pwm_Motif_78.feather
Summary		Alignment

Alignment

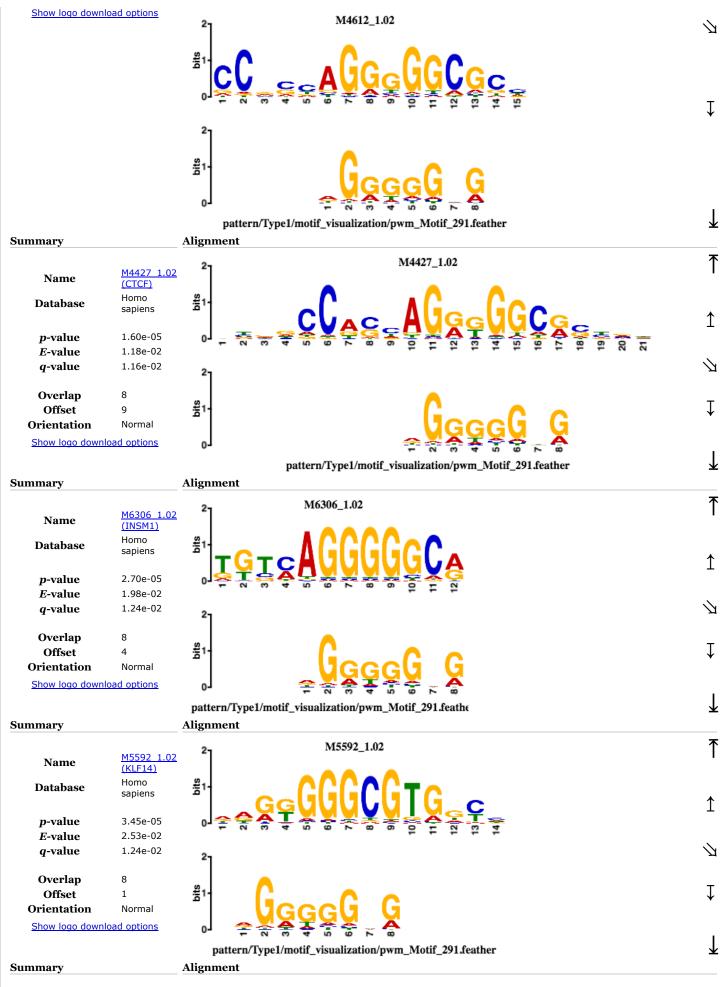
Summary

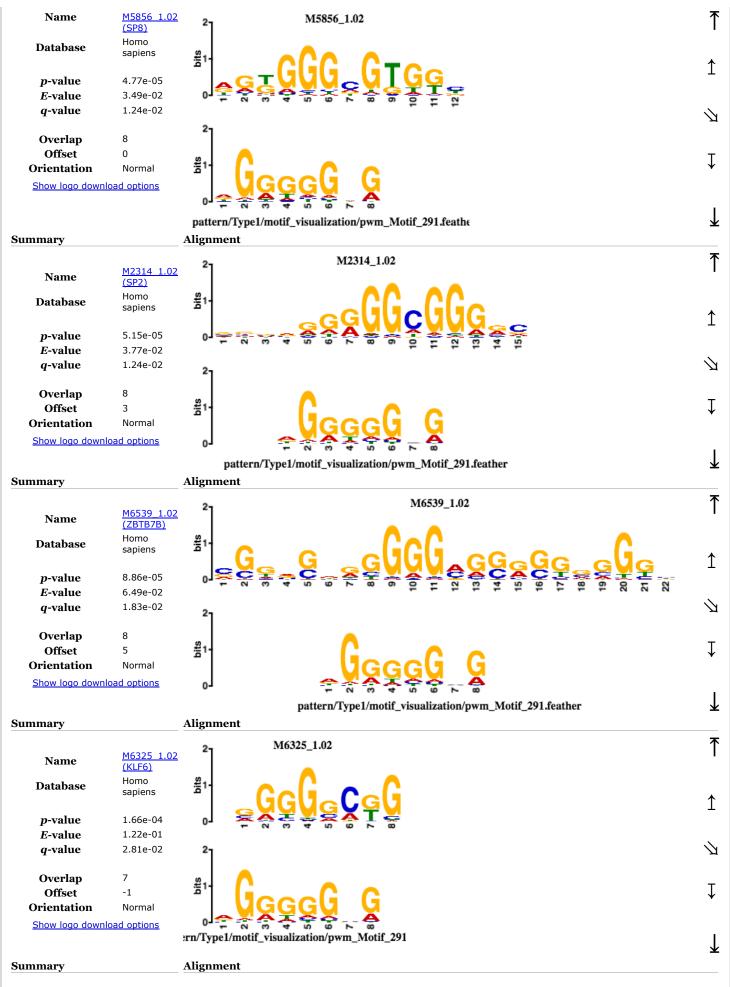


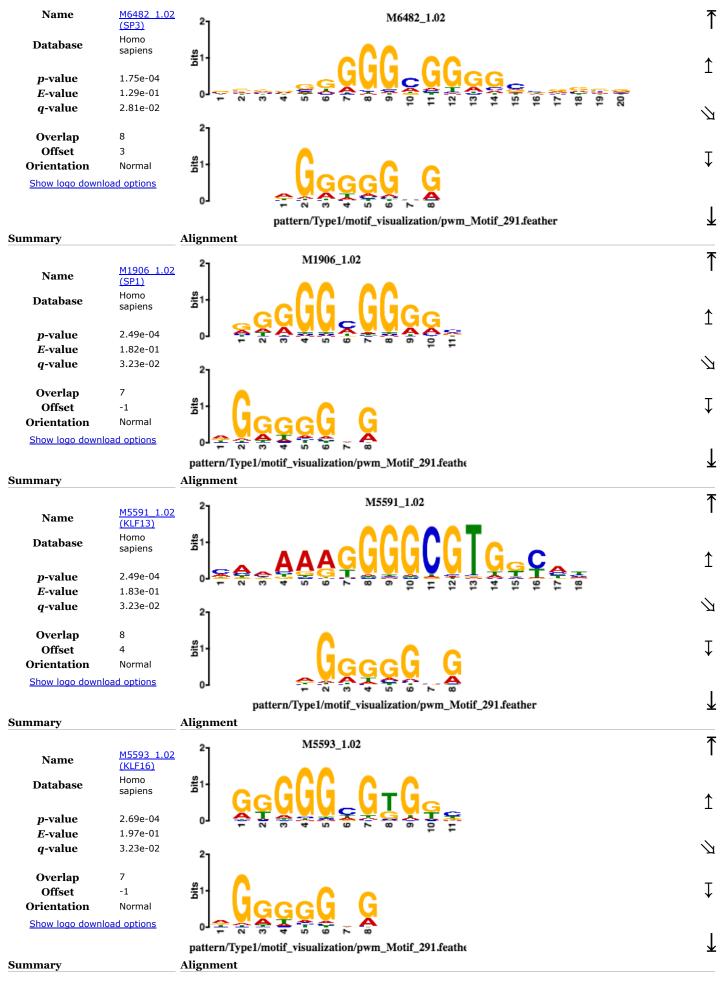
MATCHES TO PATTERN/TYPE1/MOTIF_VISUALIZATION/PWM_MOTIF_291.FEATHER (PATTERN/TYPE1/MOTIF_VISUALIZATION/PWM_MOTIF_291.FEATHER)

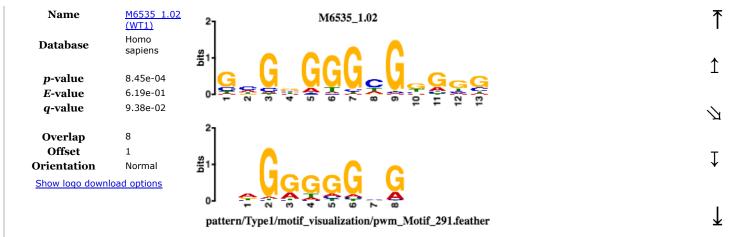
Previous Next Top

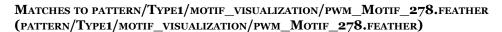
ımmary	Alignment	
Name	M4612 1.02 (CTCFL)	
Database	Homo sapiens	
<i>p</i> -value	1.44e-07	
E-value	1.05e-04	
<i>q</i> -value	2.07e-04	
Overlap	8	
Offset	5	
Orientation	Normal	



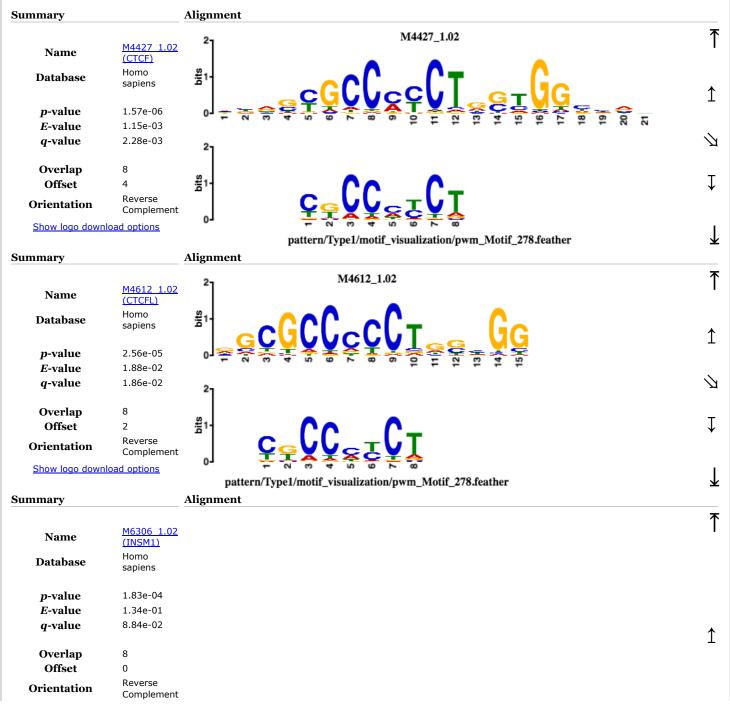


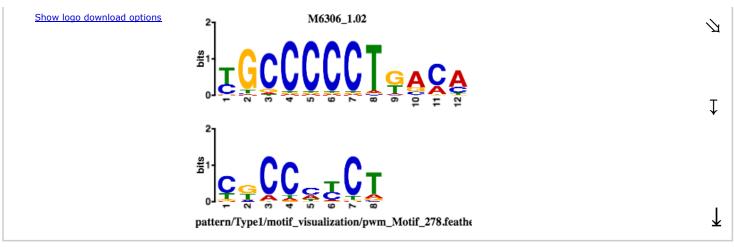






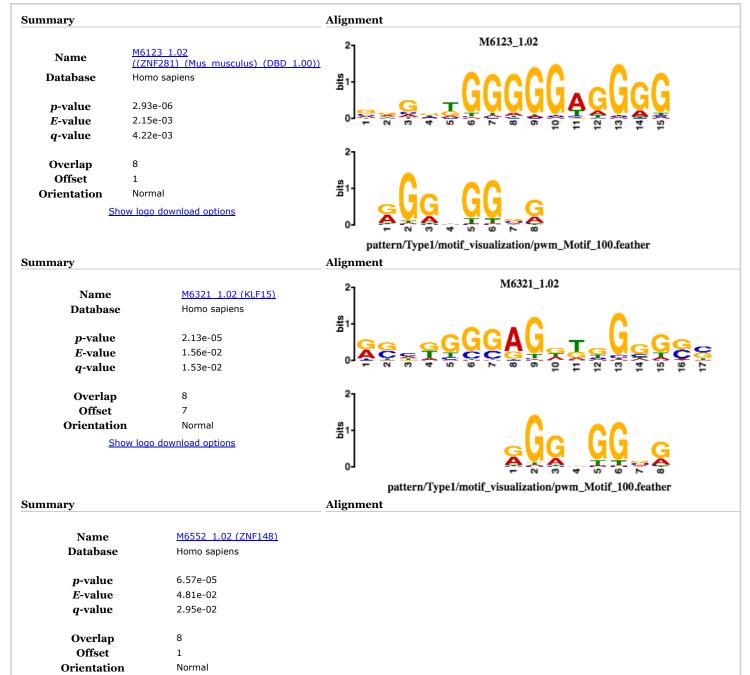
Previous Next Top



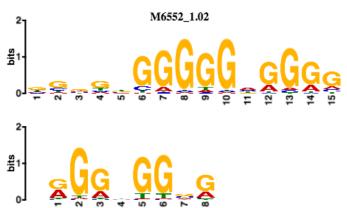


MATCHES TO PATTERN/TYPE1/MOTIF_VISUALIZATION/PWM_MOTIF_100.FEATHER (PATTERN/TYPE1/MOTIF_VISUALIZATION/PWM_MOTIF_100.FEATHER)

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pattern/Type1/motif_visualization/pwm_Motif_100.feather

Summary

Name M6336 1.02 (MAZ)

Database Homo sapiens

 p-value
 8.21e-05

 E-value
 6.01e-02

 q-value
 2.95e-02

Overlap 8
Offset 0
Orientation Normal

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Alignment





pattern/Type1/motif_visualization/pwm_Motif_100.feather

Summary

Name Database	M6356 1.02 (MZF1) Homo sapiens
<i>p</i> -value	1.90e-04
<i>E</i> -value	1.39e-01
q -value	3.87e-02
Overlap	7
Offset	-1

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Normal

Alignment

Alignment





ttern/Type1/motif_visualization/pwm_Motif_100.fc

Summary

Summary

Orientation

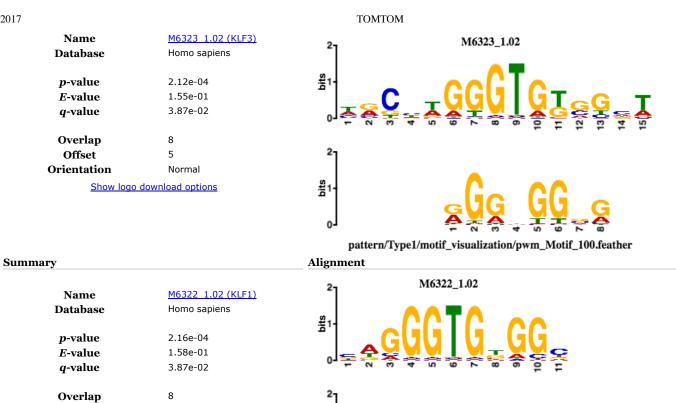
Name	M5977 1.02 (ZNF740)
Database	Homo sapiens
<i>p</i> -value	2.03e-04
E-value	1.48e-01
<i>q</i> -value	3.87e-02
Overlap	8
Offset	2
Orientation	Normal
Show logo download options	



ttern/Type1/motif_visualization/pwm_Motif_100.fe

Alignment

5/4/2017



Summary

Offset

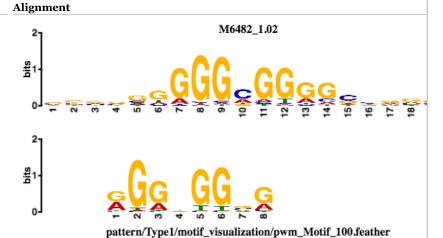
Orientation

Name Database	M6482_1.02 (SP3) Homo sapiens
<i>p</i> -value	3.43e-04
<i>E</i> -value	2.52e-01
<i>q</i> -value	4.58e-02
Overlap	8
Offset	3
Orientation	Normal
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2

Show logo download options

Normal



pattern/Type1/motif_visualization/pwm_Motif_100.feat

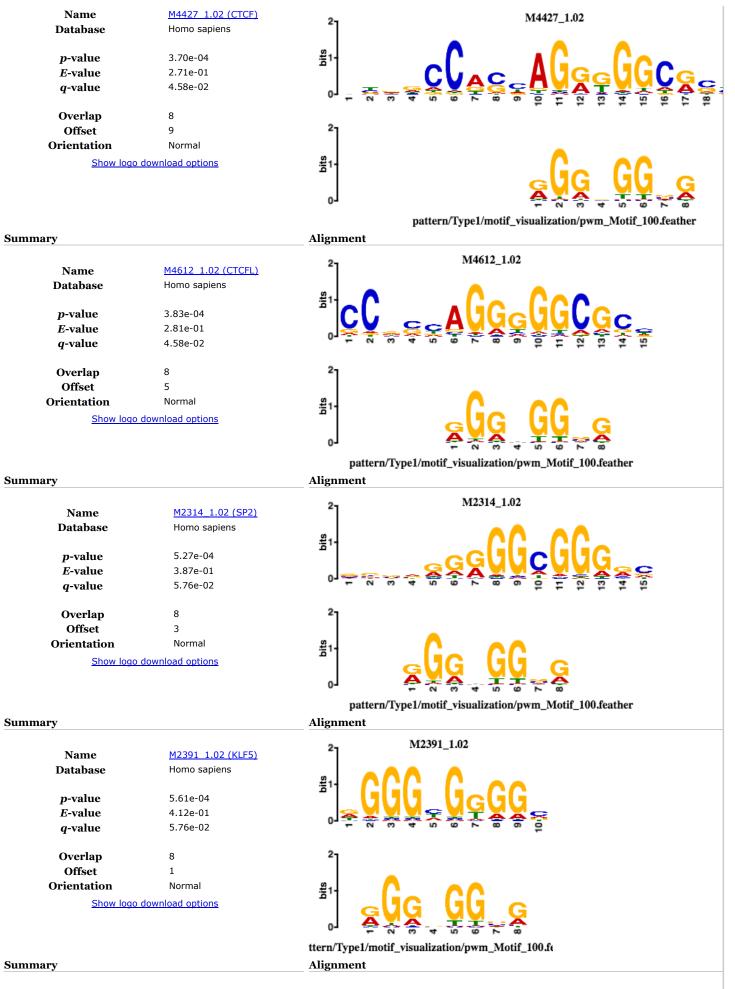
Alignment **Summary**

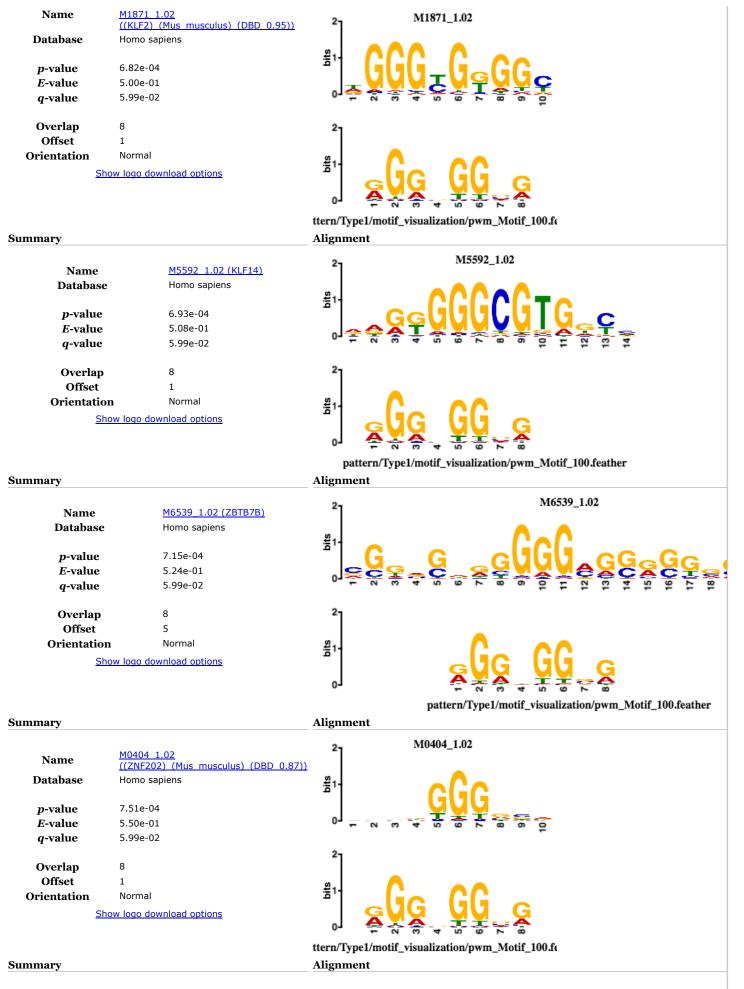
Name Database	M6483 1.02 (SP4) Homo sapiens
<i>p</i> -value	3.45e-04
E-value	2.53e-01
<i>q</i> -value	4.58e-02
Overlap	8
Offset	10
Orientation	Normal
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2]	M6483_1.02
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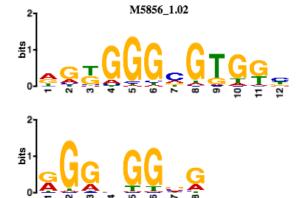
pattern/Type1/motif_visualization/pwm_Motif_100.feathe

Summary Alignment





Name Database	M5856 1.02 (SP8) Homo sapiens
<i>p</i> -value	8.16e-04
E-value	5.98e-01
q-value	6.17e-02
Overlap	8
Offset	0
Orientation	Normal
Show logo download options	



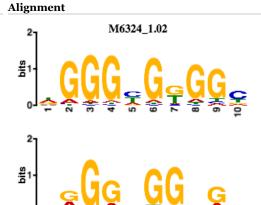
pattern/Type1/motif_visualization/pwm_Motif_100.feathe

Summary

Name	M6324 1.02 (KLF4) Homo sapiens	
Database		
<i>p</i> -value	9.10e-04	
E-value	6.67e-01	
<i>q</i> -value	6.53e-02	
Overlap	8	
Offset	1	

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Normal

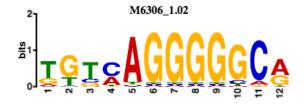


 $ttern/Type1/motif_visualization/pwm_Motif_100.fe$ Alignment

Summary

Orientation

Name Database	M6306 1.02 (INSM1) Homo sapiens	
<i>p</i> -value	1.08e-03	
E-value	7.95e-01	
q-value	7.42e-02	
Overlap	8	
Offset	4	
Orientation	Normal	
Show logo download options		





pattern/Type1/motif_visualization/pwm_Motif_100.feath@

Summary

Name Database	M4459 1.02 (EGR1) Homo sapiens
<i>p</i> -value	1.15e-03
E-value	8.45e-01
q-value	7.52e-02
Overlap	8
Offset	11
Orientation	Normal
Show logo download options	



Alignment



pattern/Type1/motif_visualization/pwm_Motif_100.feather

Summary Alignment

Name M6325 1.02 (KLF6)

Database Homo sapiens

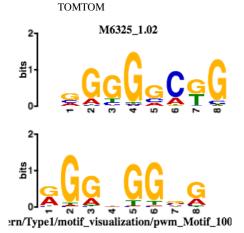
 p-value
 1.48e-03

 E-value
 1.08e+00

 q-value
 9.24e-02

Overlap 7
Offset -1
Orientation Normal

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SETTINGS Previous Next Top

Background

 Name
 Bg.
 Bg.
 Name

 Adenine
 0.250
 A
 ~
 T
 0.250
 Thymine

 Cytosine
 0.250
 C
 ~
 G
 0.250
 Guanine

Other Settings

Strand Handling Motifs may be reverse complemented before comparison to find a better match.

Distance Measure Pearson correlation coefficient

Match Threshold Matches must have a q-value of 0.1 or smaller.

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TOMTOM version

4.11.4 (Release date: Fri Apr 07 18:02:37 2017 -0700)

Reference

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

Command line

tomtom -no-ssc -oc . -verbosity 1 -min-overlap 5 -dist pearson -thresh 0.1 motif_of_interest.meme db/CIS-BP/Homo_sapiens.meme

Result calculation took 2.947 seconds