

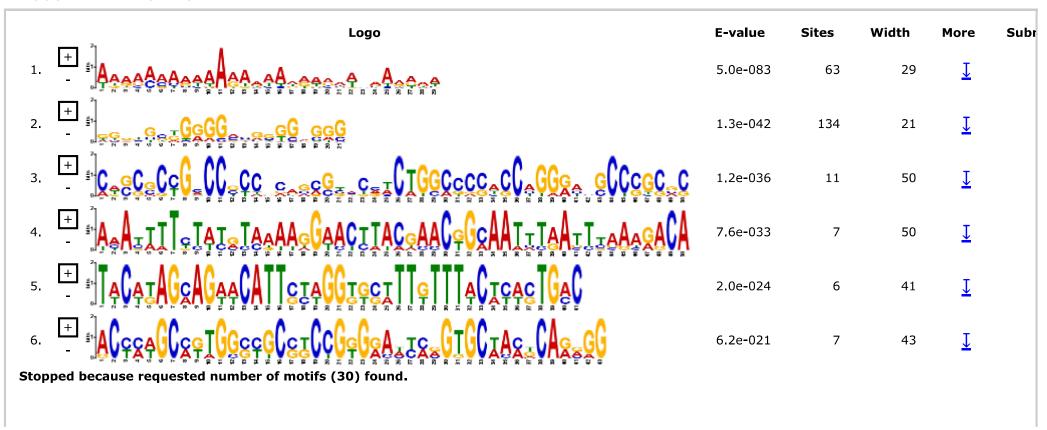
For further information on how to interpret these results please access https://meme-suite.org/meme/doc/meme.html. To get a copy of the MEME software please access https://meme-suite.org.

If you use MEME in your research, please cite the following paper:

Timothy L. Bailey and Charles Elkan, "Fitting a mixture model by expectation maximization to discover motifs in biopolymers", *Proceedings of the Second International Conference on Intelligent Systems for Molecular Biology*, pp. 28-36, AAAI Press, Menlo Park, California, 1994. [full text]

DISCOVERED MOTIFS | MOTIF LOCATIONS | INPUTS & SETTINGS | PROGRAM INFORMATION | RESULTS IN TEXT FORMAT | RESULTS IN XML FORMAT

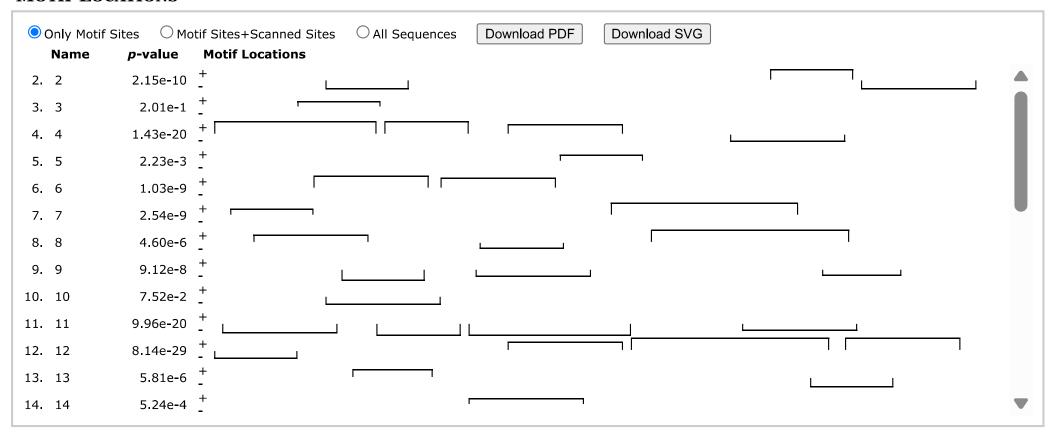
DISCOVERED MOTIFS



Logo	E-value	Sites	Width	More	Subr
ZACIIAIC PARAITO PARAI	2.2e - 022	7	50	Ī	
	1.3e - 019	7	41	Ī	
9. ± JCTGACÇCTGACÇCTGAQACCCCCAQACCCCCCTGCTCAT	2.6e-018	5	41	Ī	
10. + Jules Jeles	6.8e-018	30	29	Ī	
11. Hand I A A A A A A A A A A A A A A A A A A	1.7e-016	7	41	Ī	
	4.5e-012	56	29	Ī	
	7.9e-009	7	41	Ī	
14. + Jeles Company Co	7.3e - 007	9	29	Ī	
	1.1e-006	7	46	Ī	
16. + Jesige Iciges Liciges Liciges Licines Control of the control	2.1e-005	8	29	Ī	
	1.9e-004	14	21	Ī	
18. + JIMIRAGIO CALLES	4.4e-001	4	50	$\overline{1}$	
Stopped because requested number of motifs (30) found.					

Logo	E-value	Sites	Width	More	Subr
19. + JCC SSSC C C STST STORY	2.4e - 002	56	20	Ī	
20. + JAG CANGAÇ AGADA CAGTOATG GET GATA ARESAÇÃ A CAGTOATG CAGTOATG COMPANION OF THE STATE OF T	4.3e - 004	6	50	Ī	
21. + STERNAR AREA CONTROL TO THE STATE OF T	1.0e-001	15	28	Ī	
TOUR SET OF THE SECOND	1.9e-001	9	41	Ī	
	2.1e - 002	8	29	Ī	
z4. + Jrggaese Cateland	2.9e+000	10	21	Ī	
25. + JACKE AISASASASASASASASASASASASASASASASASASAS	3.9e+000	10	29	Ī	
26. + JIII - CIIAIA CA	1.3e+001	7	28	Ī	
27. + J CCTTANT GICT STEET TO	1.8e+001	10	21	Ī	
28. + JAAACCCASCSCGAACSAGGASASSTITACCTICTICTICTICTICTICTICTICTICTICTICTICTI	4.7e+001	4	50	Ī	
	1.1e+001	7	41	Ī	
30. + JACACZEATICAGECZA AS CAZACGZA AZ TICTZ GIZACCANO	2.4e+002	4	47	$\overline{1}$	
Stopped because requested number of motifs (30) found.					

MOTIF LOCATIONS



INPUTS & SETTINGS

Role	Source	Alphabet	Sequence Count	Total Size	
rimary Sequences	SS_dmp_cpg_sequences.fasta	DNA	329	66129	
ckground Model					

Order: 0

Name	Freq.	Bg.				Bg.	Freq.	Name
Adenine	0.242	0.242	A	~	T	0.242	0.242	Thymine
Cytosine	0.258	0.258	C	~	G	0.258	0.258	Guanine

Other Settings

Motif Site Distribution ZOOPS: Zero or one site per sequence

Objective FunctionE-value of product of p-valuesStarting Point FunctionE-value of product of p-valuesSite Strand HandlingSites may be on either strand

Maximum Number of Motifs30Motif E-value Thresholdno limitMinimum Motif Width6Maximum Motif Width50

Minimum Sites per Motif 2

Maximum Sites per Motif 329

Show Advanced Settings

MEME version

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

Reference

Timothy L. Bailey and Charles Elkan, "Fitting a mixture model by expectation maximization to discover motifs in biopolymers", *Proceedings of the Second International Conference on Intelligent Systems for Molecular Biology*, pp. 28-36, AAAI Press, Menlo Park, California, 1994. [full text]

Command line

meme SS_dmp_cpg_sequences.fasta -dna -oc . -nostatus -time 14400 -mod zoops -nmotifs 30 -minw 6 -maxw 50 -objfun classic -revcomp - markov order 0