

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

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

Tom Whitington, Martin C. Frith, James Johnson and Timothy L. Bailey "Inferring transcription factor complexes from ChIP-seq data", Nucleic Acids Res. 39(15):e98, 2011. [full text]

PRIMARY MOTIFS | SEQUENCE DATABASE | SECONDARY MOTIF DATABASES | SPACING ANALYSIS | INPUTS AND SETTINGS | PROGRAM INFORMATION | RESULTS IN TSV FORMAT | CONTRIBUTING SEQUENCE IDS [DOWNLOAD PLAIN] [DOWNLOAD BED]

PRIMARY MOTIFS

Next Top

Database	Name	Preview	Significant Secondaries	List	
meme.xml	AAWAAAAAWAAAAA (MEME-1)	ij <mark>ŎġġġĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠĠ</mark>	7	4-CCAGGCTGGWST (STREME-4), CCTYRGCCTCCCRAR (MEME-3),	•
Alphabet Backgroui	nd source: the file './bac	kground'			

SEQUENCE DATABASE

Name	Last Modified	Contained	Too Short	Too Masked	No Primary	Too Similar	Used
Galaxy7-hypoacetylation_fasta	Thu Mar 2 08:11:33 2023	1148	0	0	210	254	684

SECONDARY MOTIF DATABASES

0.2722

Cytosine

Next Previous Top

0.2722

Guanine

	Name	e Last Modified	Number of Motifs	Motifs Significant	Motifs Redundant
meme.xml Thu Mar 2 13:53:52 2023 3 3 0	meme.xml	.xml Thu Mar 2 13:53:52 202	3	3	0
streme.xml Thu Mar 2 13:54:02 2023 4 2 2	streme.xml	e.xml Thu Mar 2 13:54:02 202	4	2	2

SETTINGS Next Previous Top

Match Score Threshold 7 (bits) Margin size 150

Show Advanced Settings

SPACING ANALYSIS FOR AAWAAAAAWAAAAAA (MEME-1)

Next Previous Top

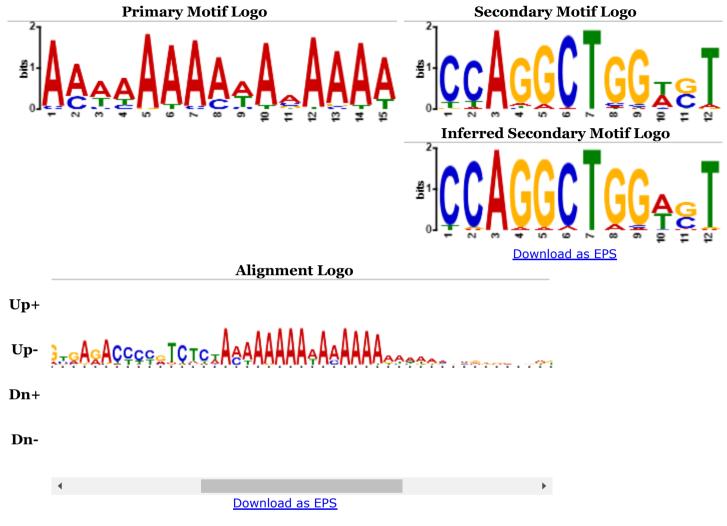
Secondary 4-CCAGGCTGGWST **Motif:** (STREME-4)

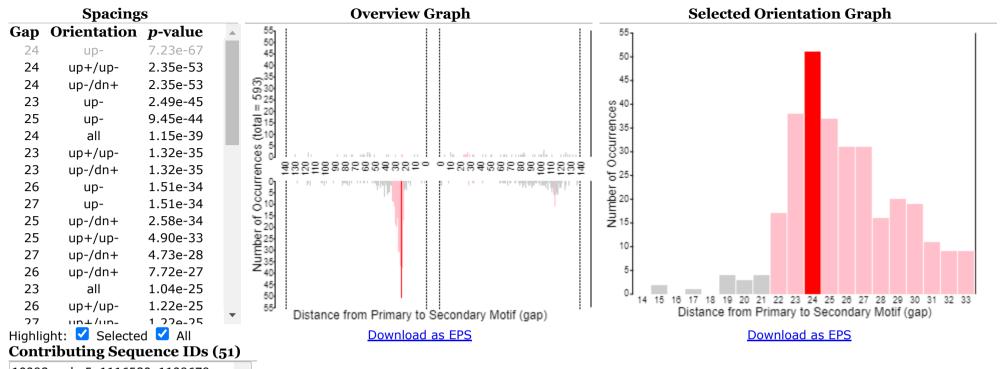
Cluster: 4-CCAGGCTGGWST (STREME-4)

E- 5.06e-66 value:

Best 24 Gap:

Best upstream / opposite **Orientation:** strand





10298::chr5:1116580-1129679	_
11372::chr5:138706750-138710079	
11401::chr5:139386650-139392579	
1160::chr1:44410650-44415499	
11978::chr5:172170330-172181049	
12006::chr5:172691050-172698049	
12941::chr6:36833600-36839979	
14134::chr6:163752550-163762479	
14795::chr7:44687380-44696229	
15840::chr7:151155400-15115927	
15981::chr8:8922650-8924899	
15989::chr8:9011450-9014329	
16974::chr8:107780580-107784049	
17090::chr8:125405600-125409029	
17387::chr8:145546230-145550849	
17650::chr9:33389350-33394899	
19272::chr10:18599300-18603599	
21763::chr11:64755730-64758599	
21781::chr11:65077050-65079229	•
→	//
Plain Format ▼ <u>Download</u>	

Secondaries

SpaMo Results 03-03-2023 10:53

						Filter	
						Пор	10
						☐ ID m	atches .*
						☐ Name	e matches .*
						☐ Clust	er matches .*
						☐ <i>E</i> -val	ue ≤ 1
						☐ Gaps	(ranges allowed) 0-10
						Sort	
						Sort by	E-value 🗸
						Update	
ID	Name	Cluster	E-value	Best Gap	Best Orientati	on	Spacings
4-CCAGGCTGGWST	STREME-4	4-CCAGGCTGGWST	5.06e-66	24	upstream / opposite	e strand	
CCTYRGCCTCCCRAR	MEME-3	CCTYRGCCTCCCRAR	9.86e-37	65	upstream / opposite	e strand	
AAWAAAAWAAAAA	MEME-1	AAWAAAAWAAAAA	6.49e-24	1	all / both palindrom	nic	Maria de Carlos
2-GCCTCRGCCTCCCAA	STREME-2	CCTYRGCCTCCCRAR	6.91e-24	64	upstream / opposite	e strand	
GCTGGGATTACAGGC	MEME-2	GCTGGGATTACAGGC	3.93e-23	112	upstream / opposite	e strand	
3-ACAGGCRTGAGCCAC	STREME-3	3-ACAGGCRTGAGCCAC	1.27e-19	123	upstream / opposite	e strand	
1-CTGGGAY	STREME-1	GCTGGGATTACAGGC	1.77e-16	113	upstream / opposite	e strand	

Previous Top

SpaMo version

5.5.1 (Release date: Sun Jan 29 10:33:12 2023 -0800)

Reference

Lock

Tom Whitington, Martin C. Frith, James Johnson and Timothy L. Bailey "Inferring transcription factor complexes from ChIP-seq data", Nucleic Acids Res. 39(15):e98, 2011. [full text]

Command line

spamo -verbosity 1 -oc spamo_out_1 -bgfile ./background -keepprimary -primary AAWAAAAAWAAAAAA ./Galaxy7-hypoacetylation_fasta.fasta

Result calculation took 1 seconds