This content is licensed under <u>CC BY 4.0</u>.



# Travaux pratiques 6 Recherche de motifs conservés

Gaëlle Lelandais et Fabrice Confalonieri



### Mails reçus



MEME Submission Information (job appMEME\_5.5.7174231916...

MEME Multiple Em for Motif Elicitation This is an auto-generated response to your job submission. Your job ID is: appMEME\_5.5.7...

#### meme-suite@uw.edu

18:32

18:32

18:32

18:31

MEME Submission Information (job appMEME\_5.5.7174231914... MEME Multiple Em for Motif Elicitation This is an auto-generated response to your job submission. Your job ID is: appMEME\_5.5.7...

#### meme-suite@uw.edu

\_. .

MEME Submission Information (job appMEME\_5.5.7174231911... MEME Multiple Em for Motif Elicitation This is an auto-generated response to your job submission. Your job ID is: appMEME\_5.5.7...

meme-suite@uw.edu

MEME Submission Information (job appMEME\_5.5.7174231910... MEME Multiple Em for Motif Elicitation This is an auto-generated response to your job submission. Your job ID is: appMEME\_5.5.7... MILITIC Em for Motif Elicitation

This is an auto-generated response to your job submission.

#### Your job ID is: appMEME\_5.5.717423191017981073139672

You can view your job results at: <u>https://meme-suite.org/meme/info/status?</u> service=MEME&id=appMEME\_5.5.717423191017981073139672

#### Job Details

Submitted	Tue Mar 18 10:31:41 PDT 2025	Résumé de la requête lancée
Expires	Sat Mar 22 10:31:41 PDT 2025	
Description	set_seq 0-1 no pal	
(Primary) Sequences	A set of 17 DNA sequences, between 251 and 1251 in length (average length 612.8).	
Background	A order-0 background generated from the supplied sequences.	
Discovery Mode	Classic: optimizes the E-value of the motif information content	
Site Distribution	Zero or one occurrence (of a contributing motif site) per sequence.	
Motif Count	Searching for 3 motifs.	
Motif Width	Between 6 wide and 50 wide (inclusive).	

#### Site web pour consulter le résultat





MEME Suite 5.5.7	Your MEME job is complete. The results should be displayed below.		
Queue status: OPEN Jobs running: 10 Jobs waiting to run: 0	Job Details		
Motif Discovery	Results		
Motif Enrichment	Cliquez sur ce lien nour voir les résultats		
Motif Scanning	• <u>MEME HTML output</u> Cliquez sul ce lien pour voir les resultats		
Motif Comparison	• <u>MEME XML output</u>		
► Gene Regulation	• <u>MEME text output</u>		
► Utilities	MAST MIL output     MAST XML output		
► Manual	• <u>MAST text output</u>		
Guides & Tutorials	• (Primary) Sequences		
Sample Outputs	Status Messages		
► File Format			
Reference	Parsing arguments		
▶ Databases	• Arguments ok		
Download & Install	Starting meme		
►Help	meme sequences.fa -dna -ocnostatus -time 14400 -mod zoops -nmotifs 3 -minw 6 -maxw 50 -objfun classic -revcomp -markov_order 0		
Alternate Servers	• meme ran successfully in 31.1 seconds		
Authors & Citing	• Starting mast mast meme.xml sequences.fa -ocnostatus		
►Recent Jobs	• mast ran successfully in 0.23 seconds		
<sup>C→</sup> Previous version 5.5.6	• Done		



#### **MOTIF LOCATIONS**





## Pour FIMO et TOMTOM





		Version 5.5.7
	Queue status: OPEN Jobs running: 8 Jobs waiting to run: 0	Data Submission Form Scan a set of sequences for motifs
Pour FIMO	Motif Discovery	sean a set of sequences for motifs.
	Motif Enrichment	Input the motifs
	Motif Scanning	Enter motifs you wish to scan with.
	Motif Comparison	Submitted motifs v DNA ?
		motif number 1 from meme.html
	Gene Regulation	
	► Utilities	Input the sequences
	► Manual	Specify sequences or select the database you want to scan for matches to motifs.
	► Guides & Tutorials	Type in sequences v ?
	Sample Outputs	
	► File Format	2: inserer les sequences sous un
	Reference	format fasta
	► Databases	Input job details
	Download & Install	(Optional) Enter your email address. ?
	►Help	3: insérer votre adresse email
	► Alternate Servers	(Optional) Enter a job description.
	Authors & Citing	A indiquoz la paturo
	▶Recent Jobs	
	P Recent 0003	▼ Advanced options [Reset] de votre requête
	Gereious version 5.5.6	How should matches he filtered before output?
		Match p-value < 1E-4 v ?
		Scan given strand only
		What should be used as the background model?
	0 1 11	Should FIMO parse genomic coordinates? 6 : lancer la requête
	Capture d'ecran	Parse genomic coordinates. 🕐 New

