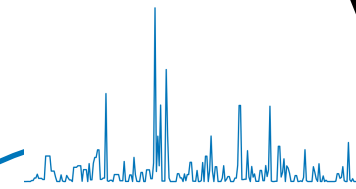




# FIMO

Find Individual Motif Occurrences



Weight each motif  
by its TPM

Expression-agnostic

Expression-aware

ENCODE  
DNase-seq

open chromatin  
regions  
(DNase-seq  
peaks)

closed chromatin  
regions  
(non-DNase-seq  
peaks)

	openness	1	2	...	537	537+1	537+2	...	537+537
site 1	1	0	3		1	0	4.5		1.5
site 2	1	1	2		0	1	3		0
...									
site N	1	0	0		1	0	0		1.5

	openness	1	2	...	537	537+1	537+2	...	537+537
site N+1	0	1	0		2	1	0		3
site N+2	0	0	1		0	0	1.5		0
...									
site 2N	0	0	1		0	0	1.5		0

