



: motif
backbone

CisBP TF-motif

(730)

-use PWM if $p < 10e-4$

nonCG CG



ENCODE WGBS

(A549, GM12878, HeLa,
HepG2, K562, SKNSH)



ENCODE methyl

(EPIC array)

-Qnorm, SNP, CR corrected

*Variously sized buffers
(± 0 : 10kb) added
(Figure SM4)

A
B
C
D

remap ChIP

(all cell lines)

-present=1, otherwise=0

: ground truth



Genome-wide

WGBS-wide

Array-wide

Window-
expanded

10³ 10⁶ 10⁹
site counts

Example output :

