

General Motif Characteristics:

Top Similar Looking Motifs:

ZNF143.p2	0.000	
HCMC.ZN143_si.wm	0.075	
JASPAR.znf143.wm	0.083	
ENCODE.ZNF143	0.134	
HTSELEX.ZNF143.C2H2.DBD.monomeric.wm1	0.198	
TP53.p2	0.241	
EBF1.p2	0.267	
ENCODE.ZNF143-ext	0.288	
STAT1,3.p3	0.313	
UNIPROBE.Zic2_secondary.wm	0.320	

Statistics:

- Motif name: ZNF143.p2
- Enrichment: 33.0228055881
- log-Likelihood Ratio: 1748.59920061
- Area under precision recall curve: 0.9402

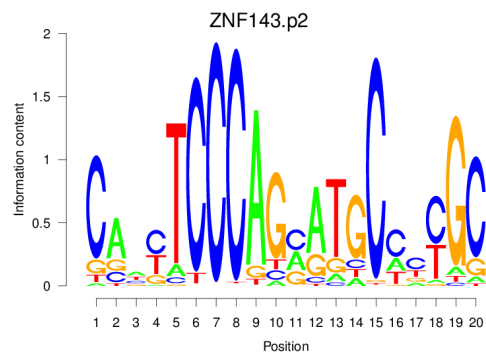


Figure 1: Logo of Weight Matrix

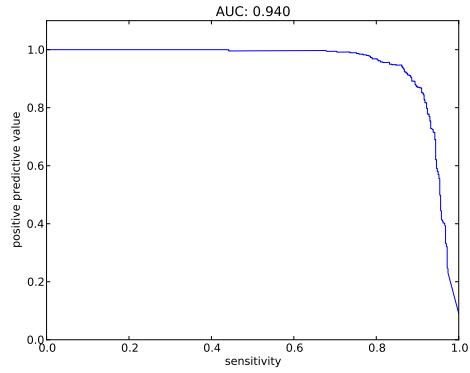


Figure 2: Precision and Recall curve

Statistics for TFBS - Peak Centering and Peak Posterior - Peak Height Correlation:

0.1

Overall statistics:

- Number of true peaks out of total number of peaks: 5365/36955
- 14.52 percent are true.
- Cut-off: minimum summed posterior of 0.20
- Peak plots contain TFBS of posterior ≥ 0.20

Statistic for centering of TFBSs at peak centers:

- Enrichment at binding sites: 14.3887

Correlation between peak Z-score and number of binding sites at peak: 0.5634

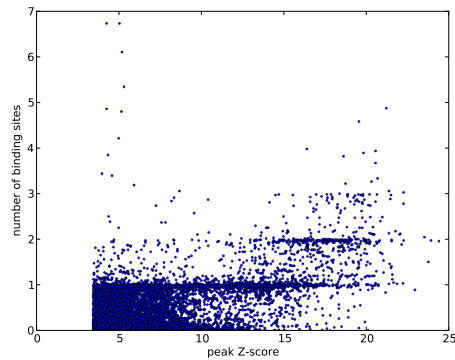


Figure 3: Scatter plot of peak Z-score versus number of binding sites at peak

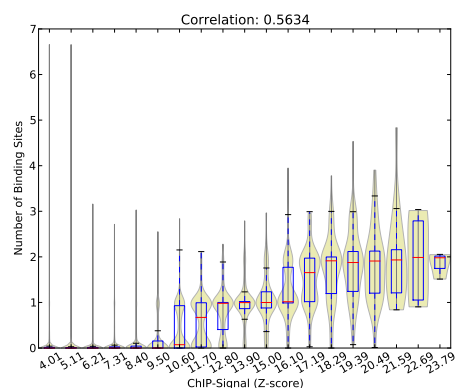


Figure 4: Violin plot of peak Z-score versus number of binding sites at peak

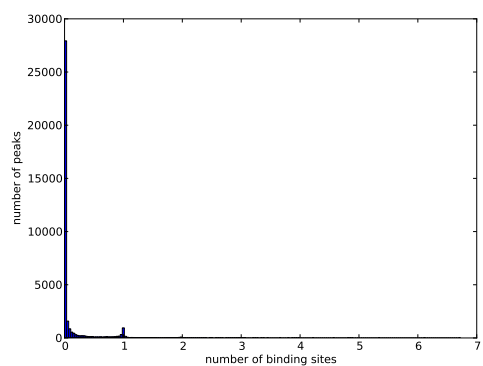


Figure 5: Histogram of number of binding sites at peaks

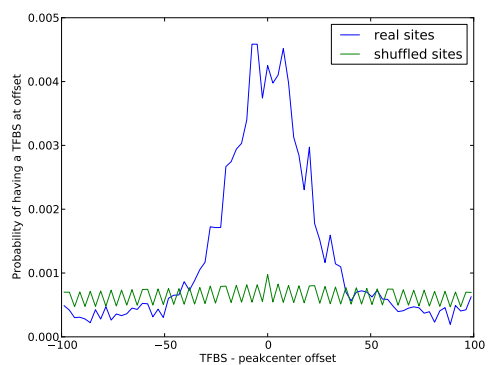


Figure 6: Histogram of distances of TFBS to its nearest peak center

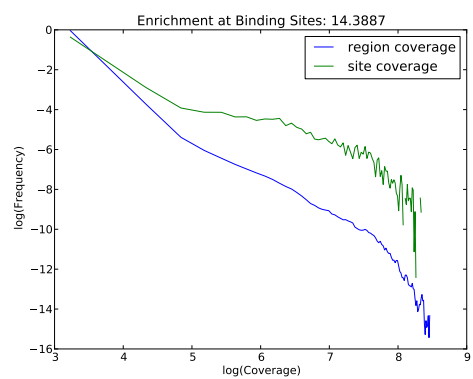


Figure 7: Histograms of coverage at sites and in total regions