

General Motif Characteristics:

Top Similar Looking Motifs:

HCMC.NFYB_f1.wm	0.000
HCMC.NFYA_f1.wm	0.003
HCMC.NFYC_f1.wm	0.036
ENCODE.NFY	0.040
JASPAR.NFYA.wm	0.054
HCMC.PBX3_f2.wm	0.058
HCMC.FOXI1_f1.wm	0.058
HCMC.CEBPZ_si.wm	0.059
HCMC.FOS_si.wm	0.099
HCMC.YBOX1_f2.wm	0.159

Statistics:

- Motif name: HCMC.NFYB_f1.wm
- Enrichment: 2.17776152601
- log-Likelihood Ratio: 389.148763162
- Area under precision recall curve: 0.4436

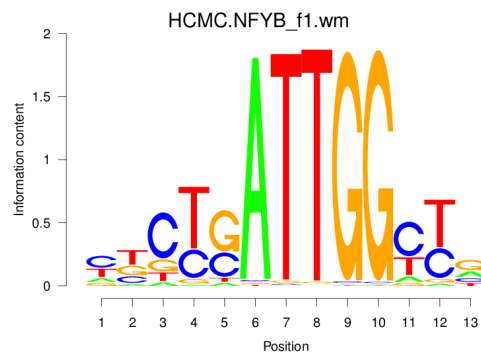


Figure 1: Logo of Weight Matrix

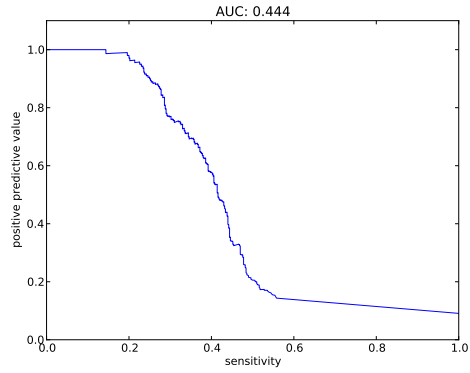


Figure 2: Precision and Recall curve

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: 3763/37435
- 10.05 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: 4.1586

Correlation between peak Z-score and number of binding sites at peak: 0.3342

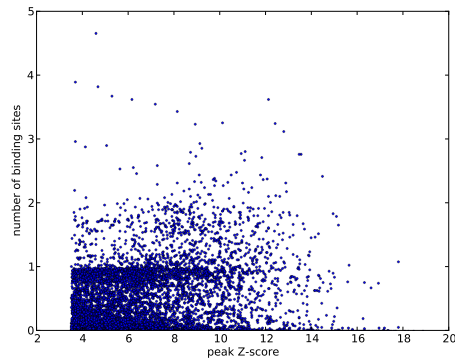


Figure 3: Scatter plot of peak Z-score versus number of binding sites at peak

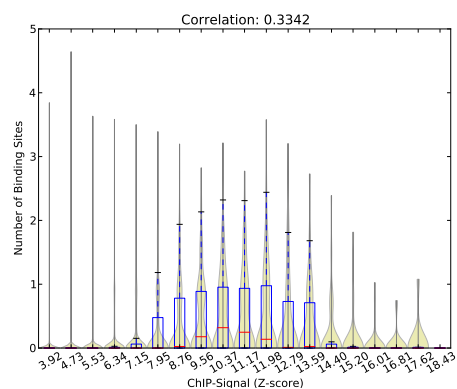


Figure 4: Violin plot of peak Z-score versus number of binding sites at peak

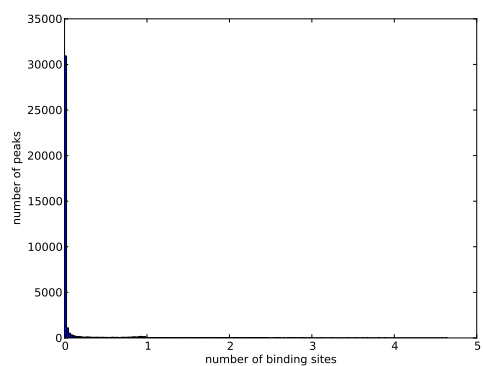


Figure 5: Histogram of number of binding sites at peaks

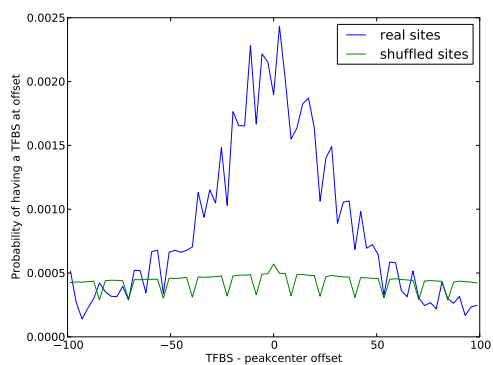


Figure 6: Histogram of distances of TFBS to its nearest peak center

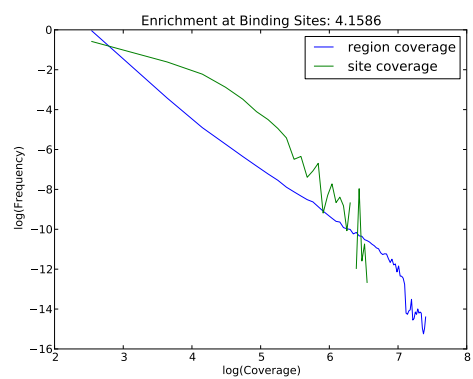


Figure 7: Histograms of coverage at sites and in total regions