

General Motif Characteristics:

Top Similar Looking Motifs:

ENCODE.ZNF143-ext	0.088
HCMC.ZN143_si.wm	0.192
ZNF143.p2	0.205
HOMER.GFY-Staf.Promoters	0.211
JASPAR.znf143.wm	0.267
ENCODE.ZNF143	0.296
STAT1,3.p3	0.301
JASPAR.STAT1.wm	0.301
ENCODE.STAT1	0.310
EBF1.p2	0.312

Statistics:

- Motif name: denovo_WM_10
- Enrichment: 36.1161924014
- log-Likelihood Ratio: 1793.37065387
- Area under precision recall curve: 0.9289

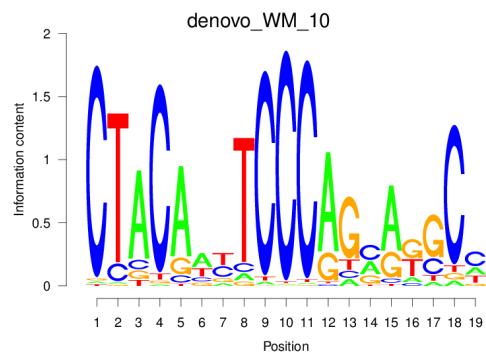


Figure 1: Logo of Weight Matrix

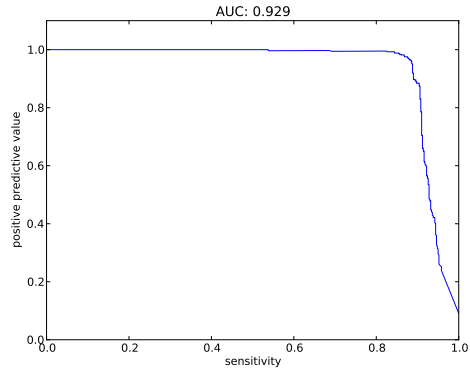


Figure 2: Precision and Recall curve

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: 4382/36955
- 11.86 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: 16.5148

Correlation between peak Z-score and number of binding sites at peak: 0.6069

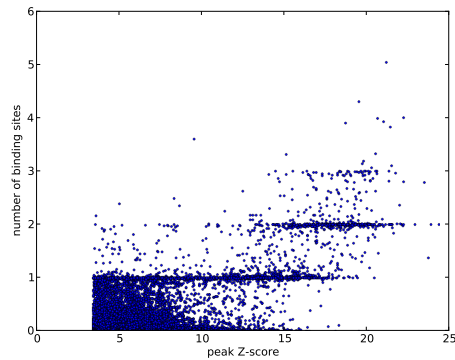


Figure 3: Scatter plot of peak Z-score versus number of binding sites at peak

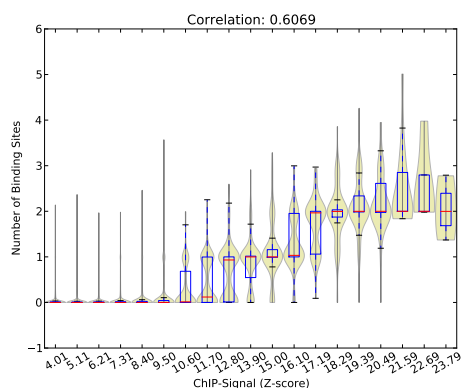


Figure 4: Violin plot of peak Z-score versus number of binding sites at peak

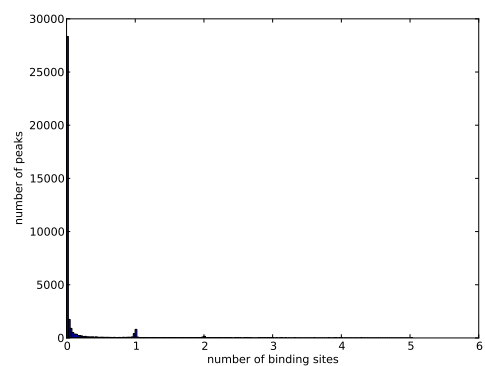


Figure 5: Histogram of number of binding sites at peaks

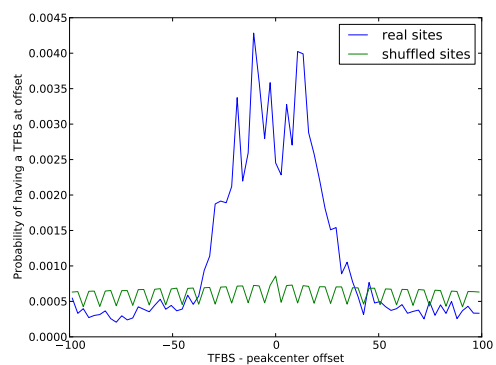


Figure 6: Histogram of distances of TFBS to its nearest peak center

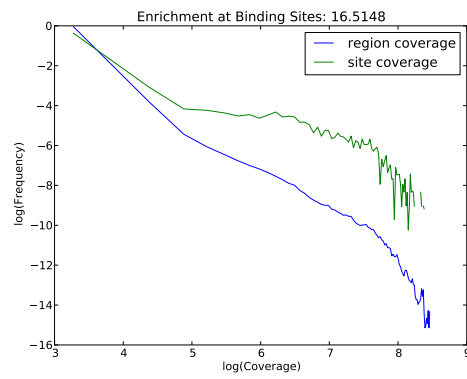


Figure 7: Histograms of coverage at sites and in total regions