

Top Similar Looking Motifs:

Statistics:

- Motif name: JASPAR.CTCF.wm
- Enrichment: 2.9369682211
- log-Likelihood Ratio: 537.611538152
- Area under precision recall curve: 0.2170

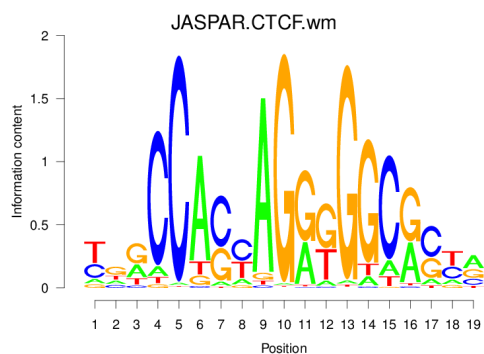


Figure 1: Logo of Weight Matrix

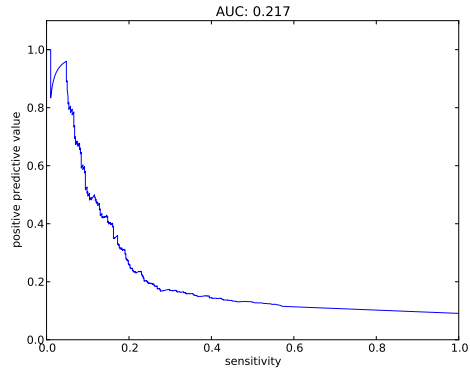


Figure 2: Precision and Recall curve

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: 3640/19975
- 18.22 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: 1.8811

Correlation between peak Z-score and number of binding sites at peak: 0.0191

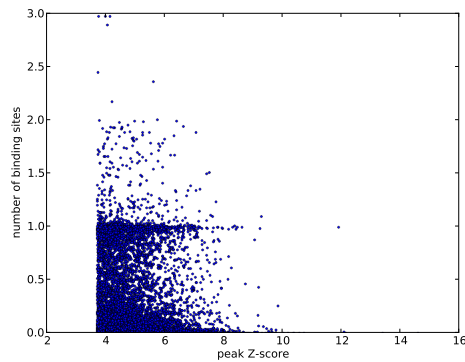


Figure 3: Scatter plot of peak Z-score versus number of binding sites at peak

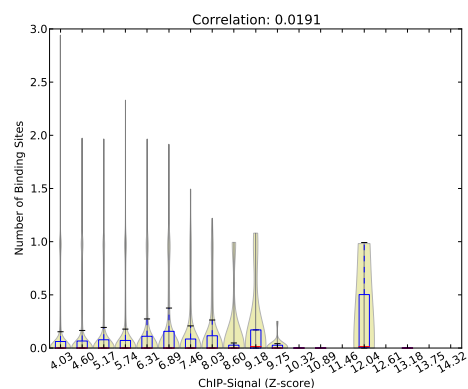


Figure 4: Violin plot of peak Z-score versus number of binding sites at peak

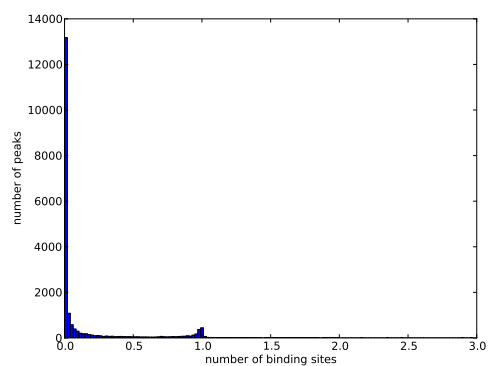


Figure 5: Histogram of number of binding sites at peaks

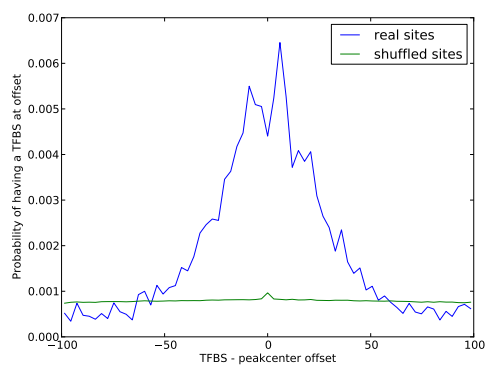


Figure 6: Histogram of distances of TFBS to its nearest peak center

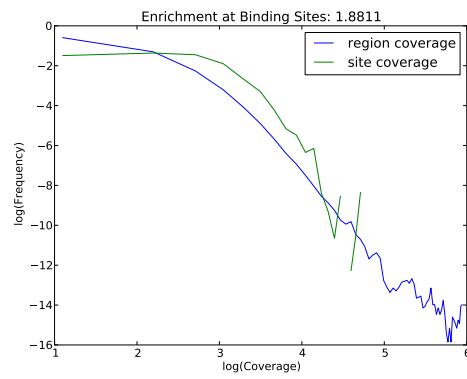


Figure 7: Histograms of coverage at sites and in total regions