

General Motif Characteristics:

Top Similar Looking Motifs:

ENCODE.ZNF143-ext	0.131	
HOMER.GFY-Staf.Promoters	0.253	
HCMC.RUNX3.si.wm	0.266	
ENCODE.CTCF-ext	0.295	
RBPJ.p2	0.308	
ARID5B.p2	0.321	
HTSELEX.RUNX3.RUNX.DBD.dimeric.wm1	0.327	
HTSELEX.SOX8.HMG.full.dimeric.wm2	0.328	
HTSELEX.ETV6.ETS.full.dimeric.wm1	0.330	
HOMER.GFY(?) .Promoter	0.330	

Statistics:

- Motif name: denovo_WM_5
- Enrichment: 32.2686530976
- log-Likelihood Ratio: 1737.04813333
- Area under precision recall curve: 0.9067

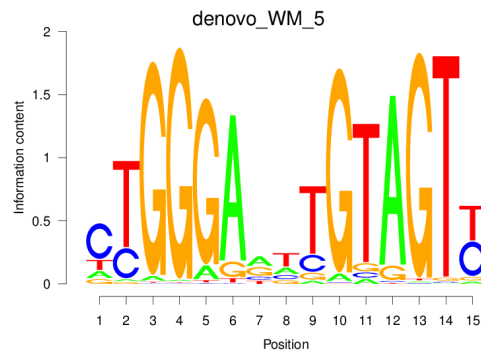


Figure 1: Logo of Weight Matrix

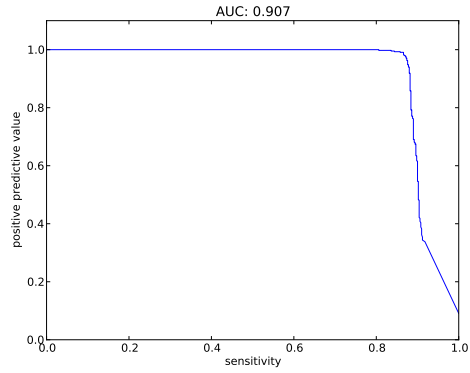


Figure 2: Precision and Recall curve

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: 3078/36955
- 8.33 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: 21.7348

Correlation between peak Z-score and number of binding sites at peak: 0.6102

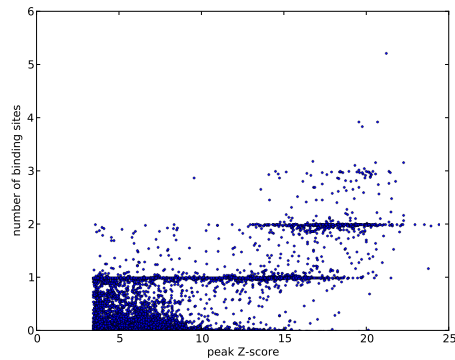


Figure 3: Scatter plot of peak Z-score versus number of binding sites at peak

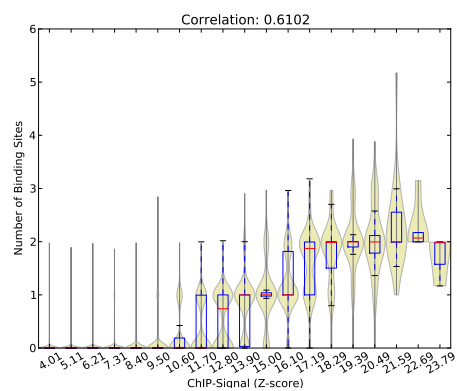


Figure 4: Violin plot of peak Z-score versus number of binding sites at peak

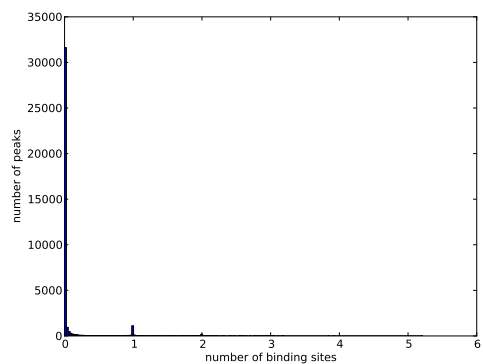


Figure 5: Histogram of number of binding sites at peaks

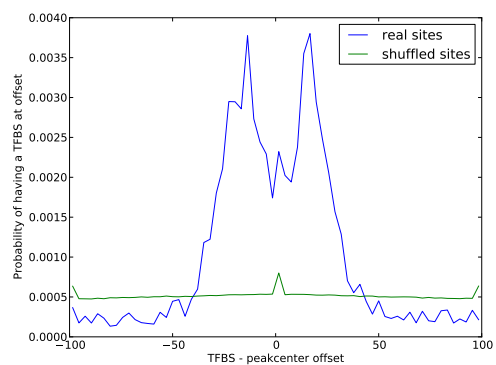


Figure 6: Histogram of distances of TFBS to its nearest peak center

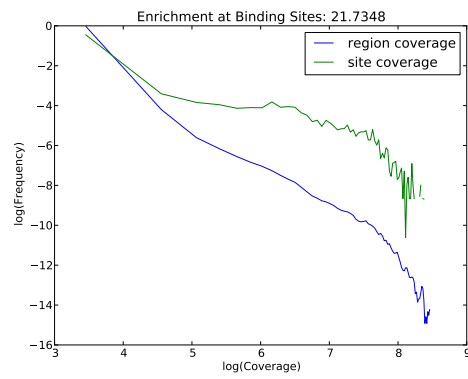


Figure 7: Histograms of coverage at sites and in total regions