

General Motif Characteristics:

Top Similar Looking Motifs:

HTSELEX.ETV6.ETS.full.dimeric.wml	0.000
UNIPROBE.Ehf_primary.wm	0.183
UNIPROBE.Ets1.wm	0.184
HCMC.GABPA_f1.wm	0.195
HTSELEX.SPIB.ETS.DBD.monomeric.wml	0.207
UNIPROBE.Gabpa_primary.wm	0.207
UNIPROBE.Sp1c.wm	0.209
HTSELEX.SP1C.ETS.full.monomeric.wml	0.210
UNIPROBE.Gabpa.wm	0.214
UNIPROBE.Sfp1l_primary.wm	0.216

Statistics:

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- Motif name: HTSELEX.ETV6.ETS.full.dimeric.wml
- Enrichment: 13.0166816312
- log-Likelihood Ratio: 1283.11586863
- Area under precision recall curve: 0.1211

```

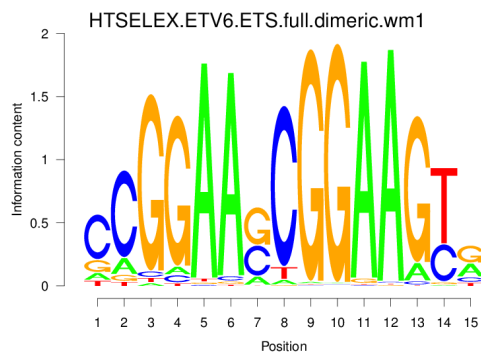


Figure 1: Logo of Weight Matrix

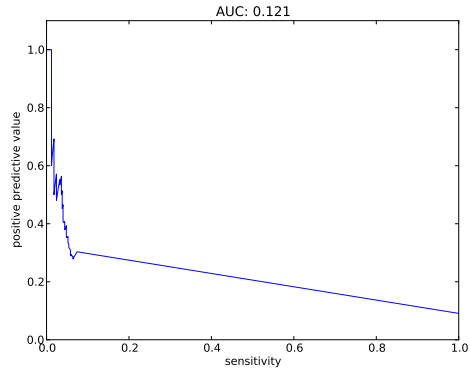


Figure 2: Precision and Recall curve

## 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: 341/37435
- 0.91 percent are true.
- Cut-off: minimum summed posterior of 0.20
- Peak plots contain TFBS of posterior  $\geq 0.20$

Statistic for centering of TFBSs at peak centers:

- Enrichment at binding sites: 2.7418

Correlation between peak Z-score and number of binding sites at peak: 0.0373

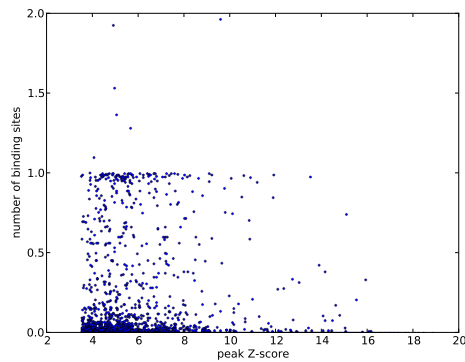


Figure 3: Scatter plot of peak Z-score versus number of binding sites at peak

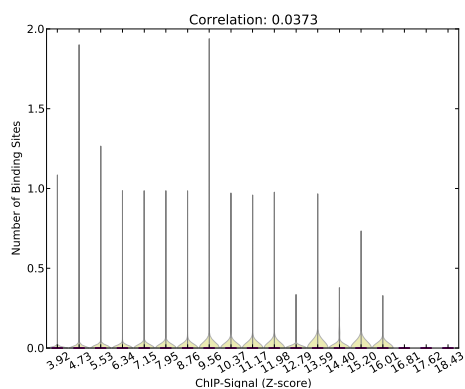


Figure 4: Violin plot of peak Z-score versus number of binding sites at peak

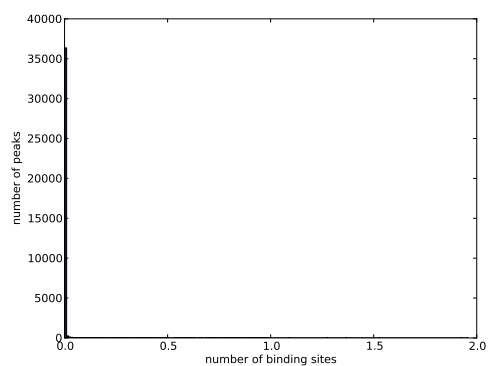


Figure 5: Histogram of number of binding sites at peaks

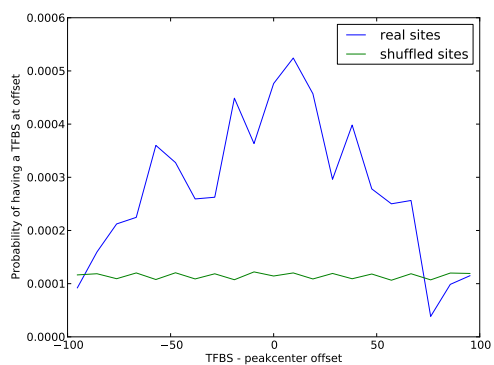


Figure 6: Histogram of distances of TFBS to its nearest peak center

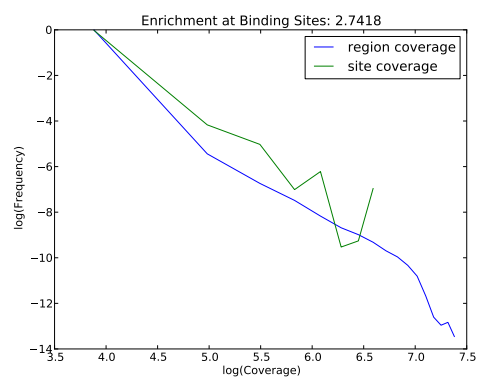


Figure 7: Histograms of coverage at sites and in total regions