

(p < 0.01)

(p < 0.01)

(p < 0.01)

6.5 6 5.5 5

3.5 3 2.5

 $\mathbf{W} \quad \gamma > 0$ 

 $E[P_w] / kbp$ 

 $E[D_p] / kbp$ 

1.5

1.0

1\_upregulated\_GENE\_cis\_elements\_proximal