

Supplementary Figures

Mirror Property of EDLogo: (panel a) EDLogo plot of the position weight matrix (PWM) of the primary discovered motif *disc1* (in ENCODE [Kheradpour and Kellis(2013)]) of the EBF1 transcription factor against uniform background. (panel b) EDLogo plot of a uniform PWM against the PWM of EBF1 *disc1* motif as background. The figure demonstrates the fact that, under the scoring scheme in Equation 1, the *EDLogo* plot of a position weight vector p with respect to a background weight vector q is the exact mirror image of the *EDLogo* plot of q against p as background.

References

- [Kheradpour and Kellis(2013)] P. Kheradpour and M. Kellis. Systematic discovery and characterization of regulatory motifs in encode tf binding experiments. *Nucleic Acids Research*, pages 1–12, 2013.