



Supplementary Figure 1: Effective length and fuzziness of motifs as a function of the number of binding sites in the promoter region. (a) Average KL-distance of motif from the background distribution. (b) Average Euclidean distance of motif from the background distribution. (c) Average probability that a site appears at random ($-\log$ values are shown). (d) Average fit of site to to motif ($-\log$ values are shown). Dashed red lines depict the linear line which best matches the data points.