Figure S1: Assignment of p-values to motif correlations. Black line: Histogram of correlations between two mononucleotide motifs of $L = 10$ based on $10^6$ randomly generated pairs of motifs (Materials and Methods). The bin size of the histogram is $10^{-3}$. Grey line: Cumulative probability $P$ that a motif correlation is below a threshold value. The p-value is defined as $1 - P$. 