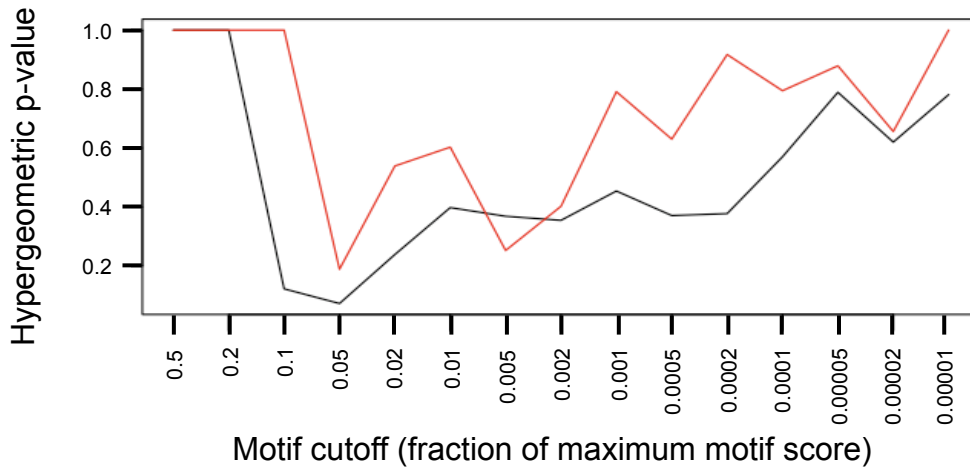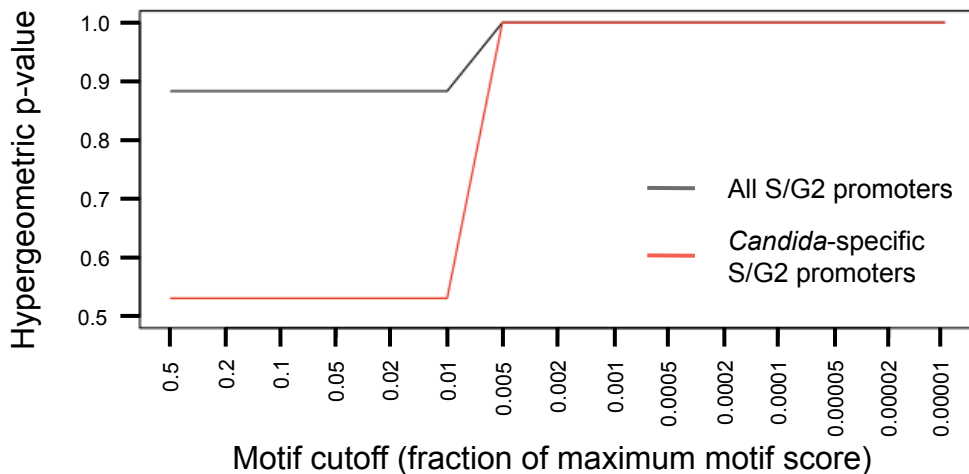# Hypergeometric enrichment analysis for the Tec1 motif

Hypergeometric enrichment analysis for the Rox1/Rfg1 motif

Supplementary Figure 1. Motif enrichment analysis using hypergeometric p-values (*i.e.*, Fisher's exact test). For each of the two motifs (Tec1 and Rox1/Rfg1), we scanned both the foreground and background sequences to compute the number of sequences that contain at least one occurrence of the motif with a score above some cutoff (various cutoffs were used, expressed as a fraction of the maximum motif score). Next, for each cutoff we computed the hypergeometric p-value that reflects the enrichment of the motif in either all S/G2 promoters (black curves) or the *Candida*-specific promoters (red curves), with lower p-values indicating higher enrichment. The results are inconclusive: no significant p-values were found (all p-values are > 0.05) and it is unclear whether the enrichment is better in the *Candida*-specific promoters or all S/G2 promoters.