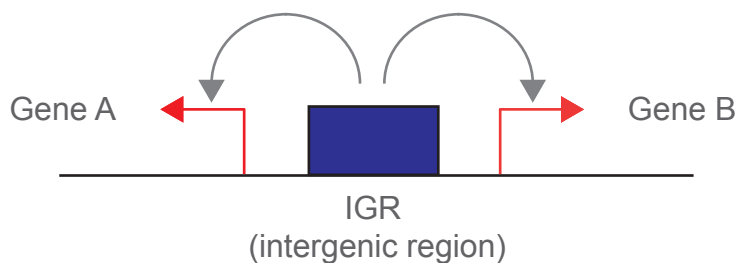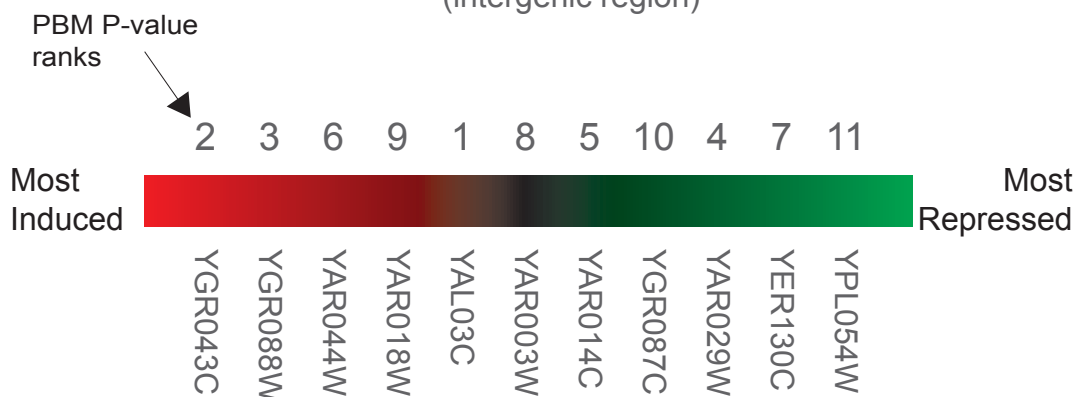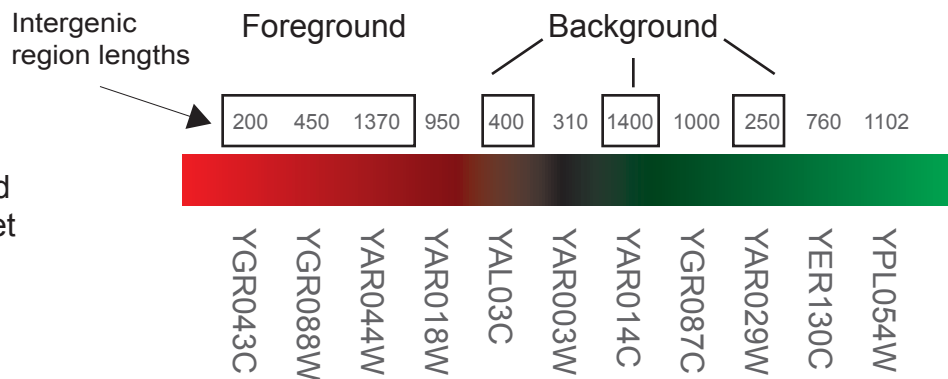# Supplementary Figure 1

1) Assign intergenic regulatory regions to genes

2) Order genes by expression in condition of interest and rank based on PBM p-value for TF

3) Choose a window of similarly expressed foreground genes and a length-matched background set

4) Slide window along ordered expression, calculating a mean-centered AUC statistic for enrichment of PBM targets within each window.

5) Plot AUC statistic at each window and determine condition significance by a predetermined threshold (dotted line: P<0.001)