



Supplemental Figure S5. Comparison between core promoter activity of PIC binding sequences from promoters and enhancers on the plus and minus strands. Each dot represents a distinct PIC binding site and expression measurements of designed sequences in two orientations on the plus and minus strands are shown. Dashed lines represent the activity threshold as determined by empty vector measurements and the percentages of cells in each region are denoted. Correlation was computed for sequences with positive activity in at least one of the two orientations ($R = -0.27$, $p < 0.02$, for promoters and $R = -0.33$, $p < 0.003$, for enhancers, Pearson correlation).