



Supplemental Figure S12. The effect on expression of additional TF binding-sites and poly(dT) sequence in the *ACTB* background. (A) Testing the effect on expression of adding two TF binding-sites on the *ACTB* background. Each dot represents a pair of designed promoters with either two or four sites for one of the 70 TFs tested. No increase in expression is observed for most of the TFs ($p>0.5$, Wilcoxon signed rank test). (B) Testing the effect on expression of nucleosome disfavoring sequence. 25nt poly(dT) sequences was added upstream to two binding-site for 70 TFs. No increase in expression is observed for most of the TFs ($p>0.6$, Wilcoxon signed rank test).