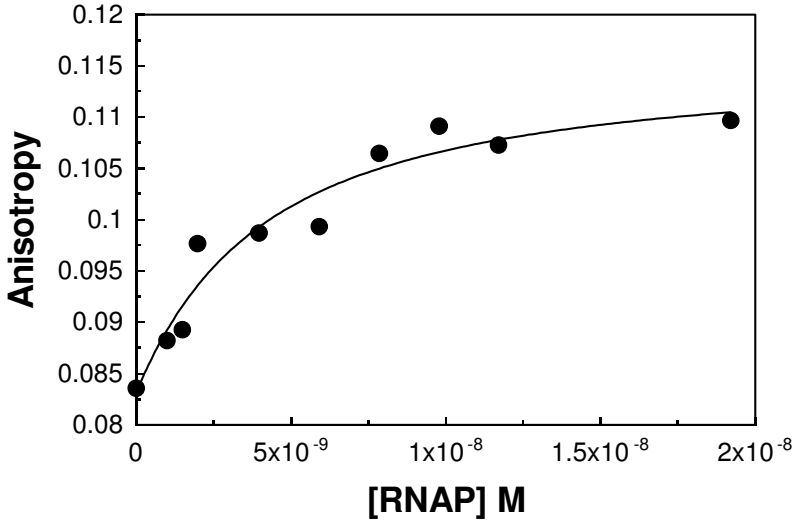
Figure S1: Binding isotherm of RNA polymerase to the 21-mer (A) galP1 oligonucleotide (P1-21) (B) Triple mutant galP1 (P-21-TripleM) at 4^{o}C.

A



B

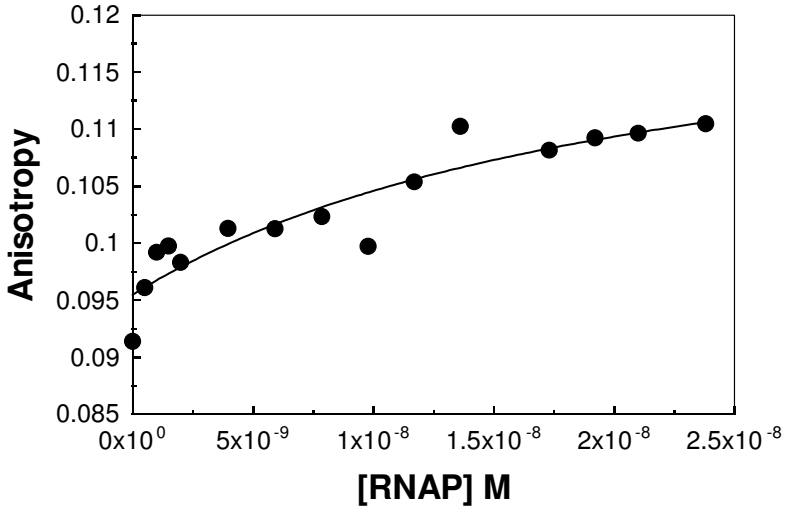


Figure S2: Netropsin Binding to the closed-complex. 2 nM labeled galP1^{+}P2^{-}P3^{+} (P1) was incubated with saturating concentration of RNA polymerase at 4^{o}C for 15 minutes and then titrated with netropsin. The titrations were carried out in 50 mM MES buffer, pH 6.4 containing 0.2 M NaCl, 10 mM $MgCl_2$, 100 µg/ml BSA, 1 mM DTT, 1 mM EDTA and 10% glycerol. Fluorescence anisotropy was measured with excitation at 490 nm and emission at 526 nm using bandwidths of 5 nm on both sides.

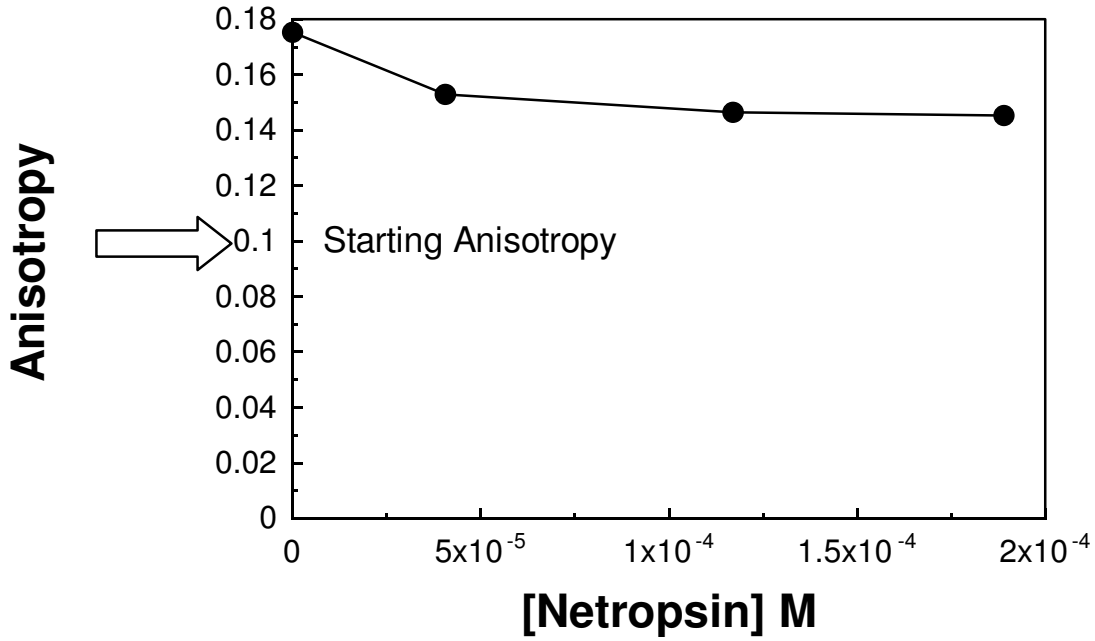
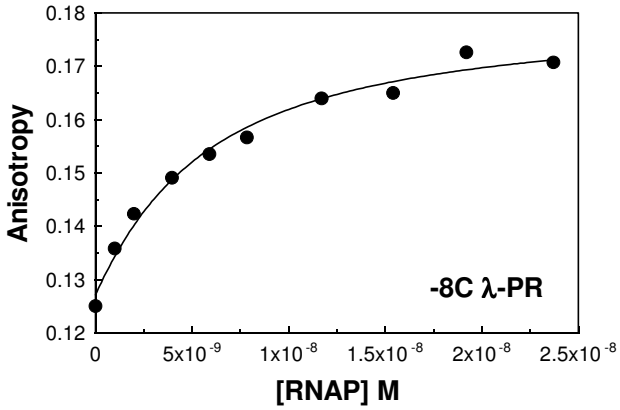
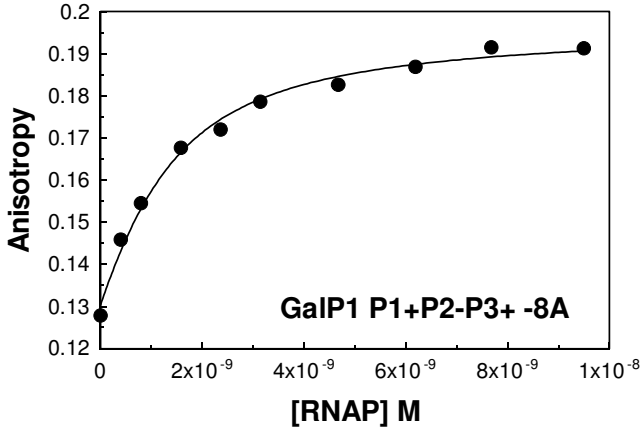


Figure S3: Selective binding isotherms of RNA polymerase and promoters.

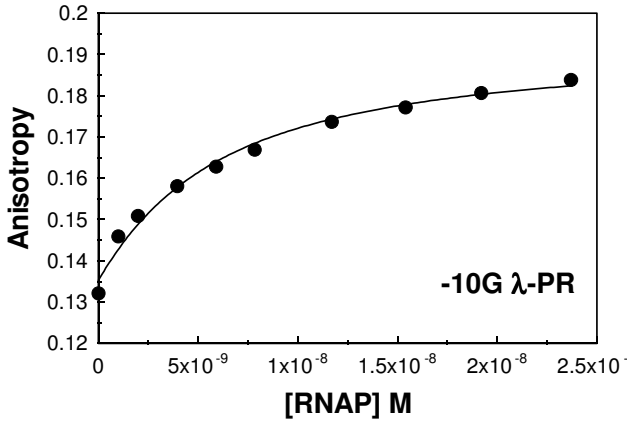
A



C



B



D