



Supplemental Figure 1. (a) Quantitative footprinting experiment with tandem dimer **3a** on the 3'-³²P-labeled DNA fragment derived from plasmid pATK1: lane 1, A-specific reaction; lane 2, G-specific reaction; lanes 3-14 300 nM, 100 nM, 30 nM, 10 nM, 3 nM, 1 nM, 300 pM, 100 pM, 30 pM, 10 pM, 3 pM, 1 pM **3a**; lane 15, DNase I standard; lane 16, intact DNA. (b) Quantitative footprinting experiment with tandem **3a** on the 3'-³²P-labeled DNA fragment derived from plasmid pATK2: lanes 1-12 300 nM, 100 nM, 30 nM, 10 nM, 3 nM, 1 nM, 300 pM, 100 pM, 30 pM, 10 pM, 3 pM, 1 pM **3a**; lane 13, Intact DNA; lane 14, DNase I standard; lane 15, A-specific reaction; lane 16, G-specific reaction. All reactions contained 15 Kcpm labeled DNA and were carried out at 22°C at pH 7.0 in the presence of 10 mM Tris-HCl, 10 mM KCl, 10 mM MgCl₂, and 5 mM CaCl₂ with an equilibration time of 36 h. Sites where affinity constants were determined are shown at the right side of each gel.