

Figure S1. Affinity cleaving experiments of cyclo-(γ -ImPyPyPyPy-(R)^{EDTA•Fe(II)} γ -PyPyPyPyPy) (4-E•Fe(II)) on the (a) 3'- and (b) 5'-³²P-labeled 229 bp restriction fragment. 5'-AGTATT-3' and 5'-AGTACT-3, sites are shown on the right side of the autoradiograms as appropriate. Lane 1, intact DNA; lane 2, A reaction; lanes 3-7, 100 pM, 1 nM, 10 nM, and 100 nM, and 1 μ M polyamide. Cleavage at 5'-TGTAAG-3' and 5'-TTAAGT-3' mismatch sites was not quantitated. All lanes contain 15 kcpm of either 3'- or 5'-radiolabeled DNA, 20 mM HEPES buffer (pH 7.3), 200 mM NaCl, 50 μ g/ml glycogen, 5 mM DTT, 1 μ M Fe(II), pH 7.0 and 22 °C.

