## SUPPLEMENTARY FIGURE CAPTIONS

**Figure S1.** Gel shift of yAP-1 with target and wild-type ARE. Each 20 μL, 10 minute incubation reaction contained, in addition to the concentration of yAP-1 indicated above each lane, 2% Ficoll, 15 mM Tris pH 7.4, 50 mM KCl, 25 nCuries 5'-$^{32}$P labeled wild-type (**A**) or target (**B**) oligonucleotide duplex (2-3 nM DNA duplex), and 1 μM BSA.

**Figure S2.** Photocleavage of 5'-$^{32}$P labeled wild-type oligonucleotide by Λ-1-$Rh(MGP)_2phi^{5+}$. Final duplex DNA concentrations were ten times higher than the Rh concentrations shown for each irradiation reaction. Each sample was irradiated for 8 minutes at 313 nm. Maxam-Gilbert A+G and C>T sequencing lanes are shown to the far right. The buffer concentrations were 10 mM sodium cacodylate and 50 mM NaCl.

**Figure S3.** Photocleavage of 5'-$^{32}$P labeled target oligonucleotide by Λ-2-$Rh(MGP)_2phi^{5+}$. Conditions matched those described in Figure S1.

**Figure S4.** Photocleavage of 5'-$^{32}$P labeled wild-type oligonucleotide by Λ-2-$Rh(MGP)_2phi^{5+}$. Conditions matched those described in Figure S1.

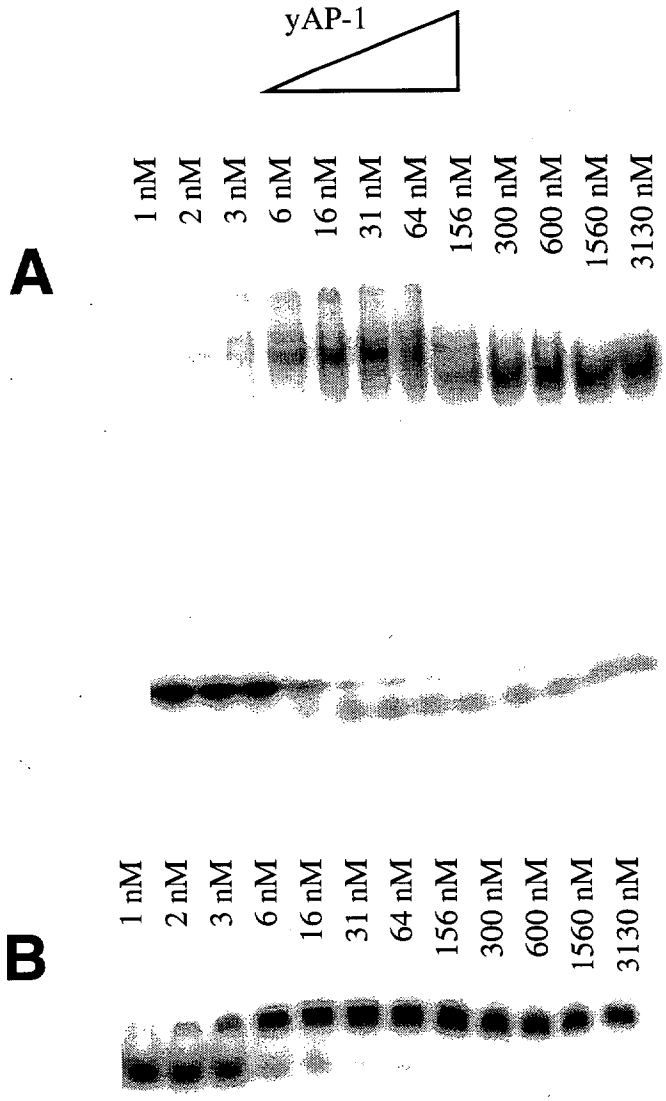
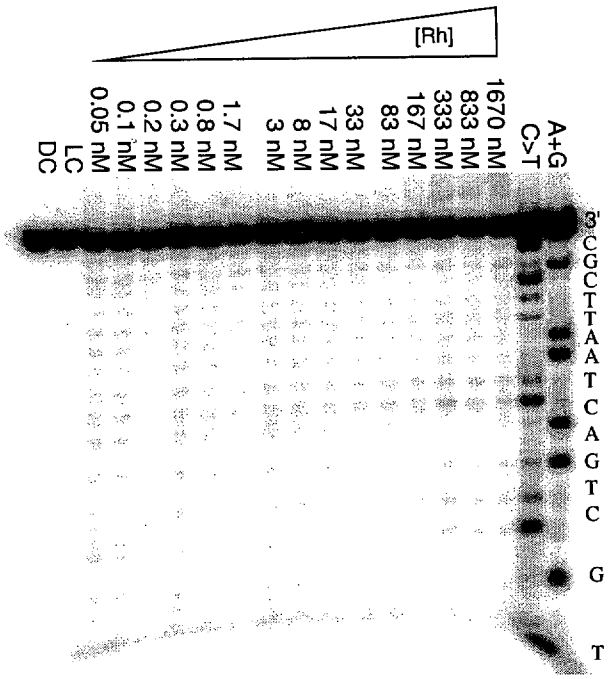
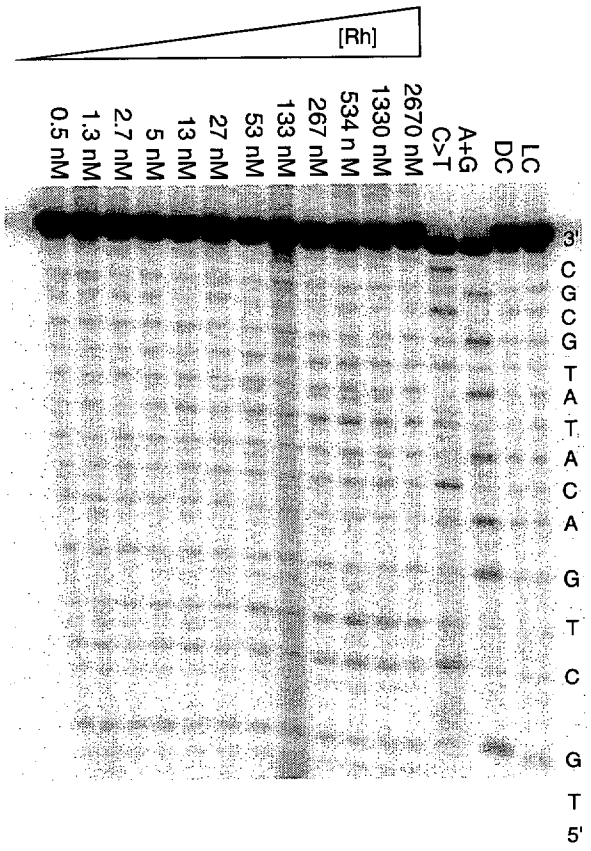



**Figure S1**



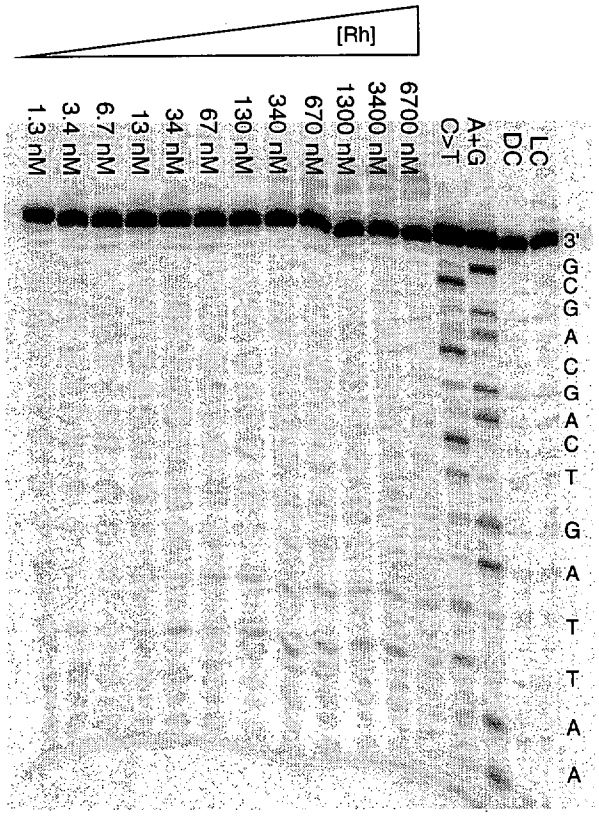

5'-GCGAATTAGTCAGCAGCG
CGCTTAATCAGTCGTCGC-5'*

**Figure S2**




5'-GCG*CATATG*TCAGCAGCG
CGC*GTATAC*AGTCGTCGC-5'*

**Figure S3**




*5'-GCGAATTAGTCAGCAGCG
CGCTTAATCAGTCGTCGC-5'

**Figure S4**