

**Table S1.** Binding affinities ( $M^{-1}$ ) for polyamides **1**, **2**, **3**, and Echinomycin (**E**) at HRE on pGL2-VEGF-*Luc* and pCSJ-FLT1.

pGL2-VEGF- <i>Luc</i>	Ligand	Sequence	$K_a$ ( $M^{-1}$ )
	<b>1</b>	5'-ATACGT-3'	$2.6 (\pm 0.4) \times 10^{10}$
	<b>2</b>	5'-AGTGCA-3'	$3.2 (\pm 0.6) \times 10^9$
	<b>3</b>	5'-TGGGCT-3'	$8.0 (\pm 1.0) \times 10^8$
	<b>E</b>	5'-ATACGT-3'	$8.4 (\pm 2.1) \times 10^6$
pCSJ-FLT1	Ligand	Sequence	$K_a$ ( $M^{-1}$ )
	<b>1</b>	5'-CAACGT-3'	$2.7 (\pm 0.2) \times 10^9$
	<b>2</b>	5'-TGAGGA-3'	$2.2 (\pm 0.8) \times 10^8$
	<b>3</b>	5'-CAACGT-3'	-----
	<b>E</b>	5'-CAACGT-3'	$2.9 (\pm 0.7) \times 10^7$

Equilibrium association constants reported are mean values from three DNase 1 footprint titration experiments; standard deviations are shown in parentheses.