Supporting Information

**Artificial cationic peptides that increase nuclease resistance of siRNA without disturbing RNAi activity**

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Fluorescence anisotropy 2
$K_d = 0.21 \pm 0.09 \mu M$

Fig. S1 Fluorescence anisotropy of 100 nM of (FAM-rCGCGAAUUCGCG)$_2$

was titrated by increasing concentration of A1.

$K_d = 0.071 \pm 0.02 \mu M$

Fig. S2 Fluorescence anisotropy of 100 nM of (FAM-rCGCGAAUUCGCG)$_2$

was titrated by increasing concentration of A2.
Fig. S3 Fluorescence anisotropy of 100 nM of (FAM-rCGCGAAUUCGCG)$_2$ was titrated by increasing concentration of A3.

$$K_d = 0.097 \pm 0.04 \mu M$$

Fig. S4 Fluorescence anisotropy of 100 nM of (FAM-rCGCGAAUUCGCG)$_2$ was titrated by increasing concentration of A4.

$$K_d = 0.14 \pm 0.04 \mu M$$