Supporting Information

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

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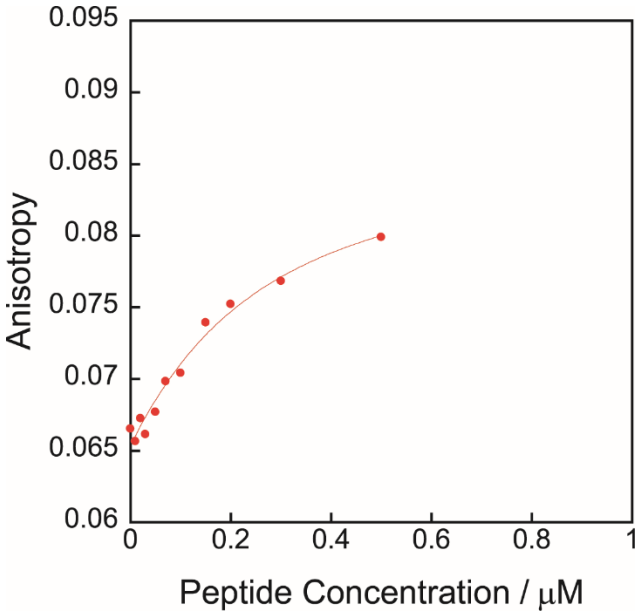
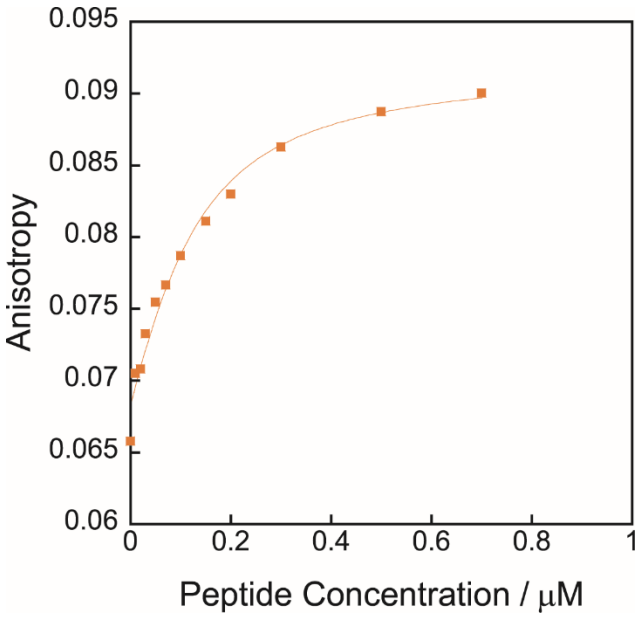


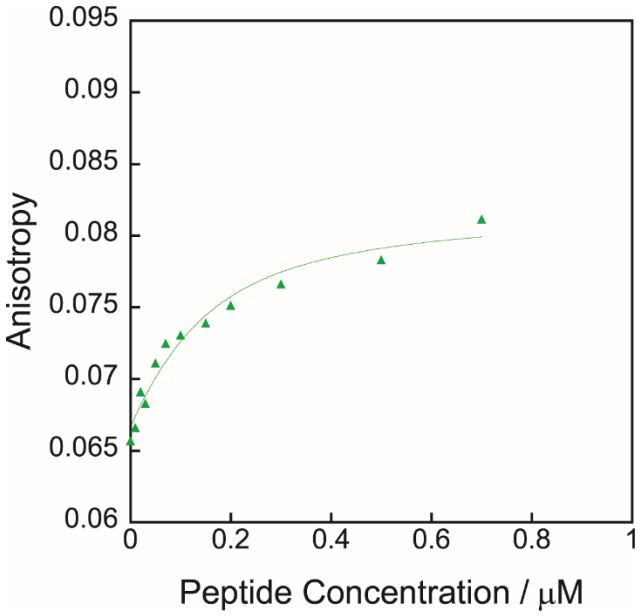
$K_d = 0.21 \pm 0.09$ μM

Fig. S1 Fluorescence anisotropy of 100 nM of $(FAM\text{-}rCGCGAAUUCGCG)_2$ was titrated by increasing concentration of A1.



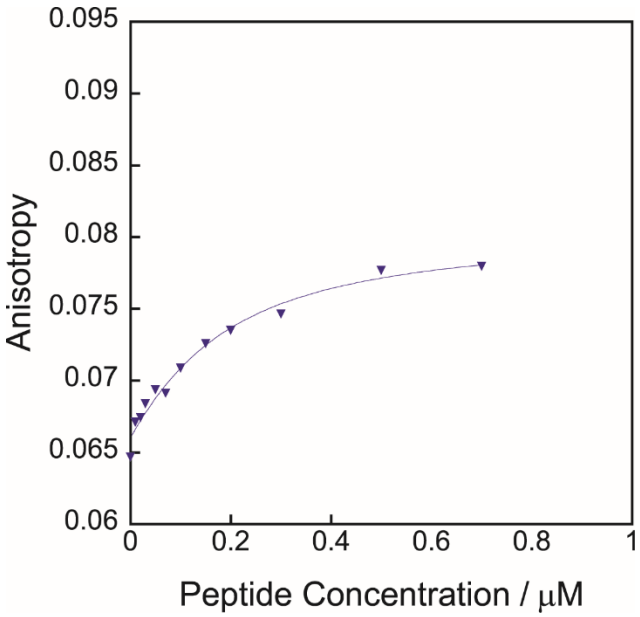
$K_d = 0.071 \pm 0.02$ μM

Fig. S2 Fluorescence anisotropy of 100 nM of $(FAM\text{-}rCGCGAAUUCGCG)_2$ was titrated by increasing concentration of A2.



$K_d = 0.097 \pm 0.04$ μM

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



$K_d = 0.14 \pm 0.04$ μM

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