Supplementary Materials

Investigation of the Characteristics of NLS-PNA: Influence of NLS Location on Invasion Efficiency

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Figure S1. Base pairs between pseudo-complementary nucleobases (D, U) and natural nucleobases (A, T).



Figure S2. HPLC charts of purified PNAs. Equipment: HPLC system (JASCO Co.) using reversedphase HPLC column (LiChroCART 250-4 Purospher STAR RP-18 endcapped (5 mm), Merck). Conditions: eluent A:B = 100:0 with a linear gradient increasing eluent A at 0.5%/min, eluent A: 0.1% (vol/vol) TFA in water; eluent B: 0.1% (vol/vol) TFA in acetonitrile.



Figure S3. MALDI-TOF MS spectra of purified PNAs. U-PNA1: Calcd. 3180.31 Found. 3177.845, U-PNA2: Calcd. 3144.23 Found. 3143.38, N-PNA1: Calcd. 3917.26 Found. 3913.135, N-PNA2: Calcd. 3881.18 Found. 3878.124, C-PNA1: Calcd. 3789.09 Found. 3786.117, C-PNA2: Calcd. 3753.01 Found. 3750.468, N-Pro-PNA1: Calcd. 4014.38 Found. 4010.663, N-Pro-PNA2: Calcd. 3978.30 Found. 3975.719.