Charge Transfer through Modified Peptide Nucleic Acids

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Table S1. Calculated masses of PNA molecules and corresponding m/z observed from MALDI-ToF MS (reflection mode, α -cyano-4-hydroxycinnamic acid matrix, laser intensity 1700).

PNA Strand	MALDI-ToF MS Data (m/z)	
	Calculated	Found
Cys-TCACTAGATG-Fc	3041.8	3039.6
Cys-TCACTAGATG	2829.8	2831.6
Cys-CATCTAGTGA	2829.8	2830.2
Lys-CATCTAGTGA	2854.8	2855.8
Lys-CATCCAGTGA	2839.8	2842.2
Cys- CATCCAGTGA	2829.8	2828.6
Cys-TCACT-Bpy-GATG-Fc	3062.9	3060.8
Cys-TCACT-Bpy-GATG	2850.9	2849.9
Cys-CATC-Bpy-AGTGA	2859.9	2858.8
Lys-CATC-Bpy-AGTGA	2884.9	2883.4
Cys-TCACT-Bk-GATG-Fc	2908.7	2907.4
Lys-CATC-Bk-AGTGA	2730.7	2730.5

Figure S1. (A) Titration curves at 260nm (close squares) and 314 nm (open squares) and (B) Magnified region of the UV spectra (figure 3A) from 295 to 340 nm for a 5 μ M solution of **Bpy:Bpy** PNA titrated with Zn²⁺. Dashed lines indicate the UV spectra at the beginning (blue) and at the end of the titration (red).