

Supplementary Information

Base-pairing selectivity of a ureido-linked phenyl-2'-deoxycytidine derivative

Shu-ichi Nakano, Hirohito Oka, Daisuke Yamaguchi, Masayuki Fujii, and Naoki Sugimoto

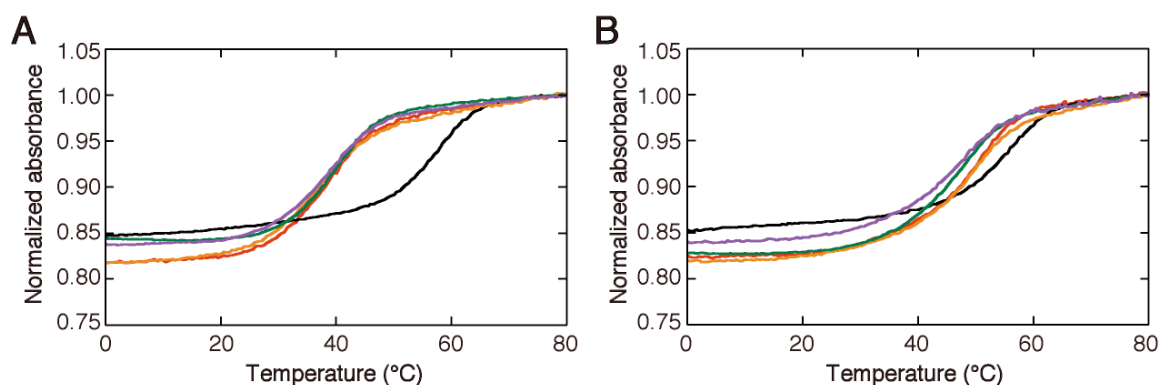


Figure S1 Thermal melting curves of 11-mer DNA duplexes containing (A) dC/N or (B) dC^{phe}/N, where N is dG; black line, dA; purple, dC; orange, dT; green, or dF; red. The data were obtained at an oligonucleotide concentration of 10 μ M.

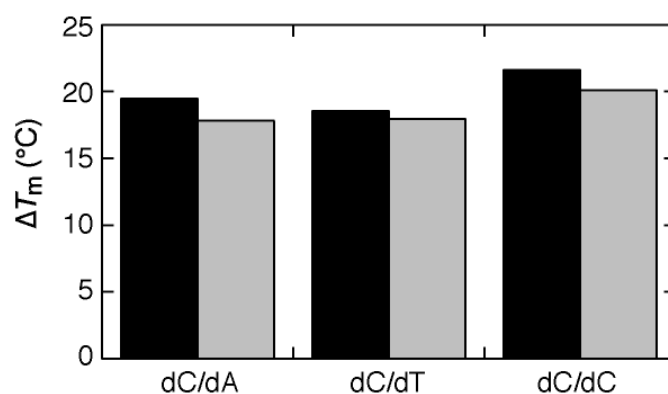


Figure S2 Differences in T_m between mismatched duplexes and the duplex containing dC/dG ($\Delta T_m = T_{m,dC/dG} - T_{m,mismatch}$), in the absence (black bars) and presence (gray bars) of 20 wt% PEG. The T_m was measured at an oligonucleotide concentration of 2 μ M.