

Electronic Supplementary Information

Head-to-tail recognition in hydrazide based molecular duplex strands induced by spectator secondary electrostatic interactions

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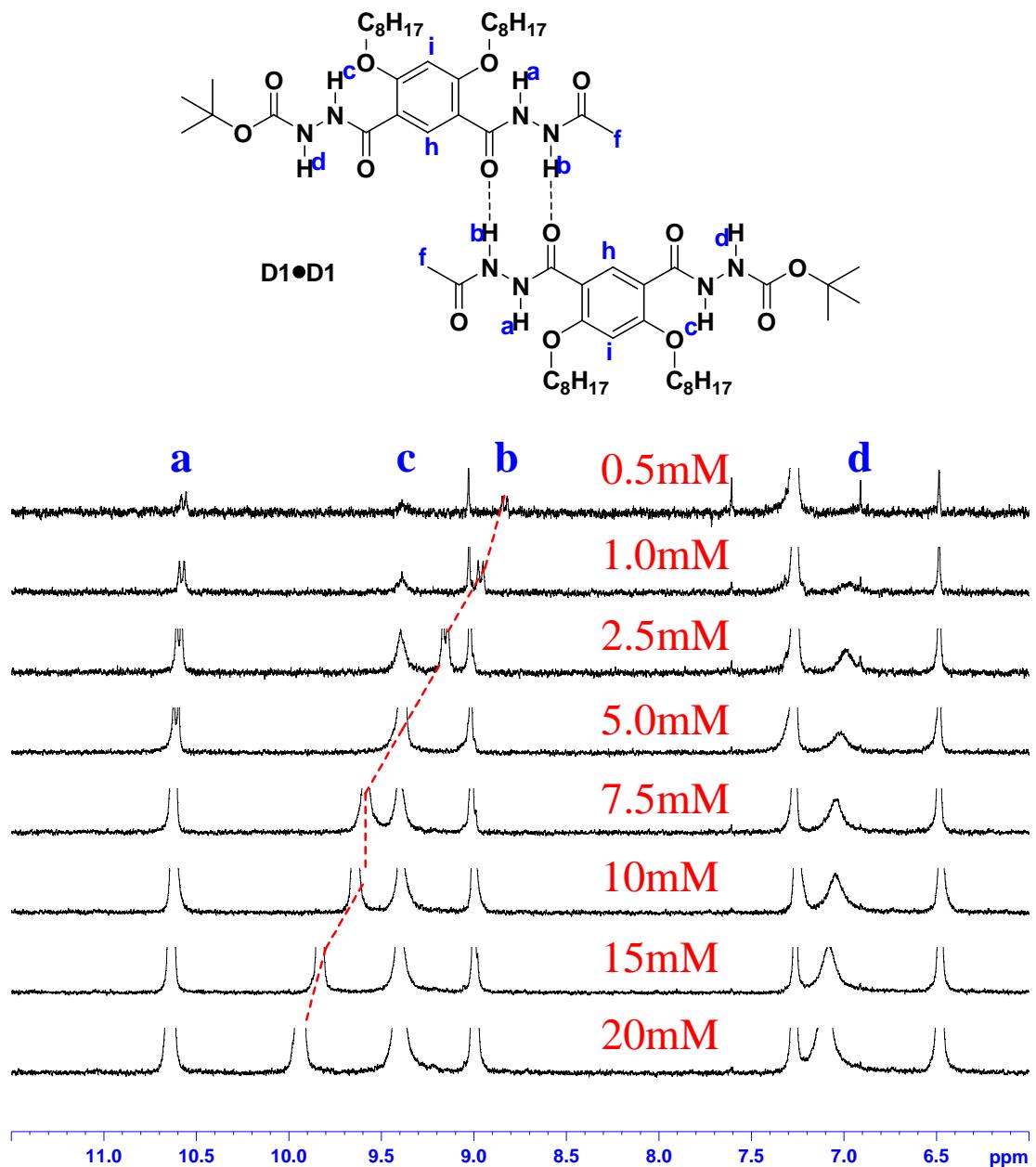


Figure S1. Stacked partial ^1H NMR spectra of **D1** at different concentrations, 300 MHz, 298 K.

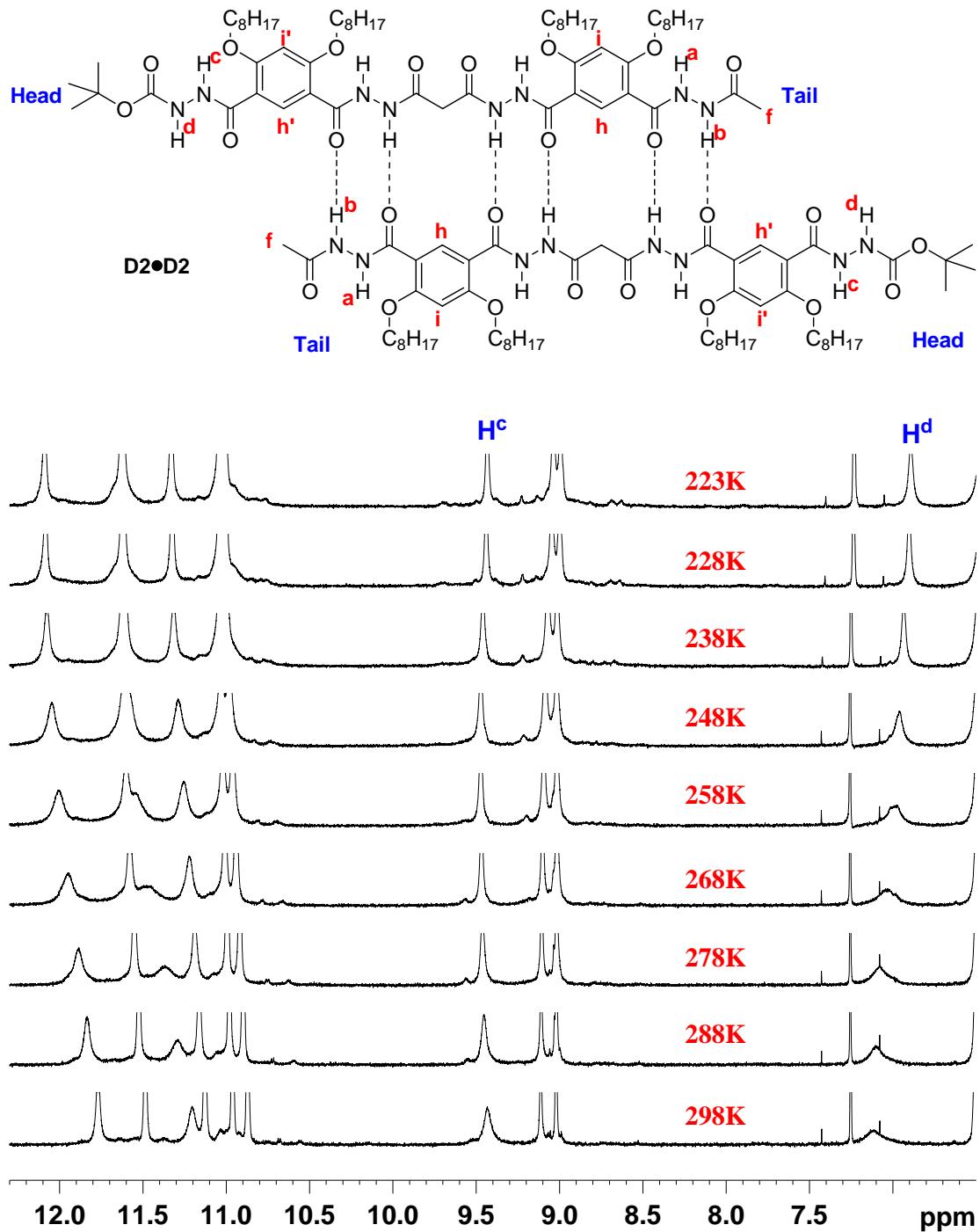


Figure S2. Stacked partial ^1H NMR spectra of **D2** at different temperatures, 600 MHz, 10 mM in CDCl_3 .

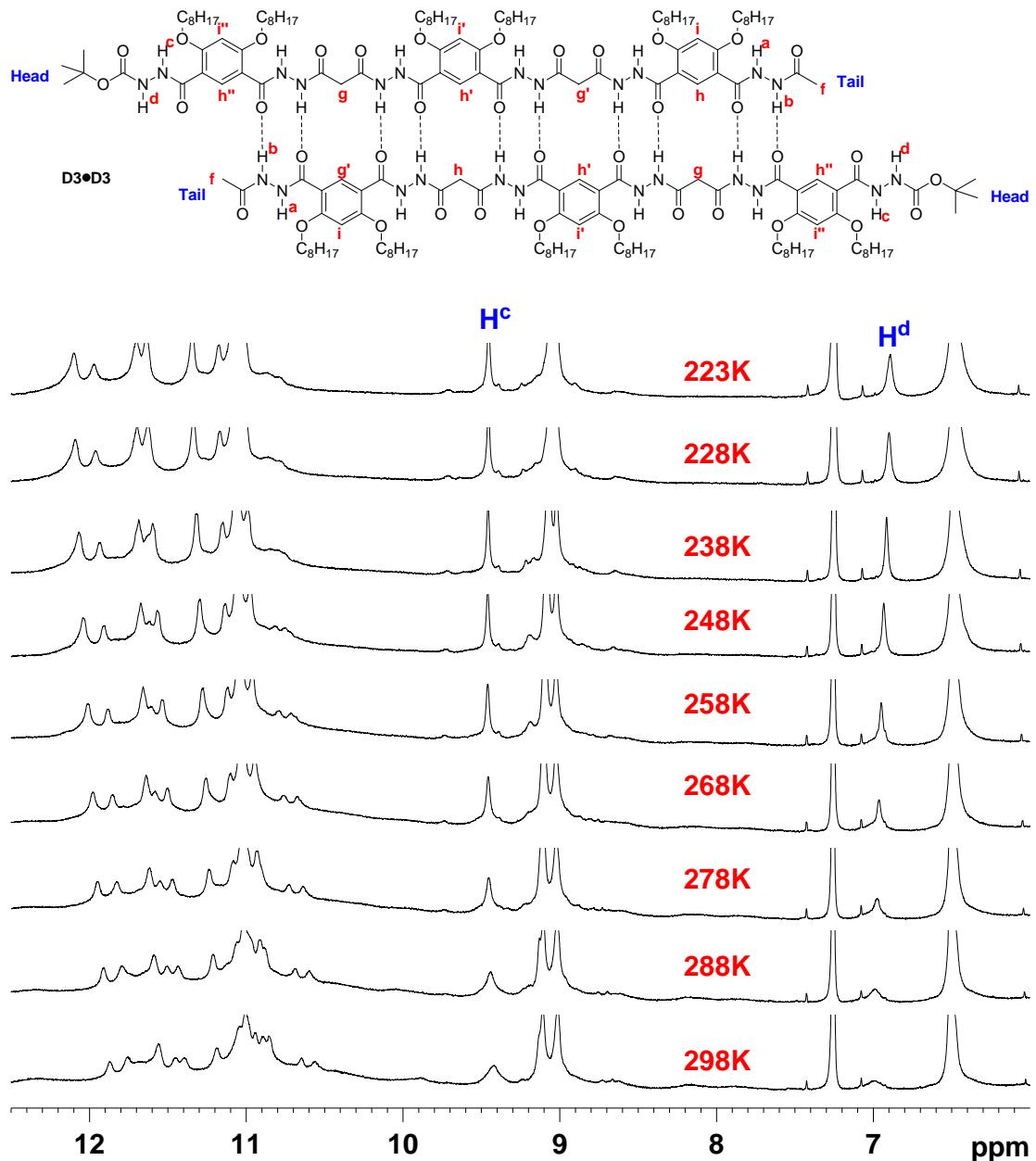


Figure S3. Stacked partial ^1H NMR spectra of **D3** at different temperatures, 600 MHz, 10 mM in CDCl_3 .

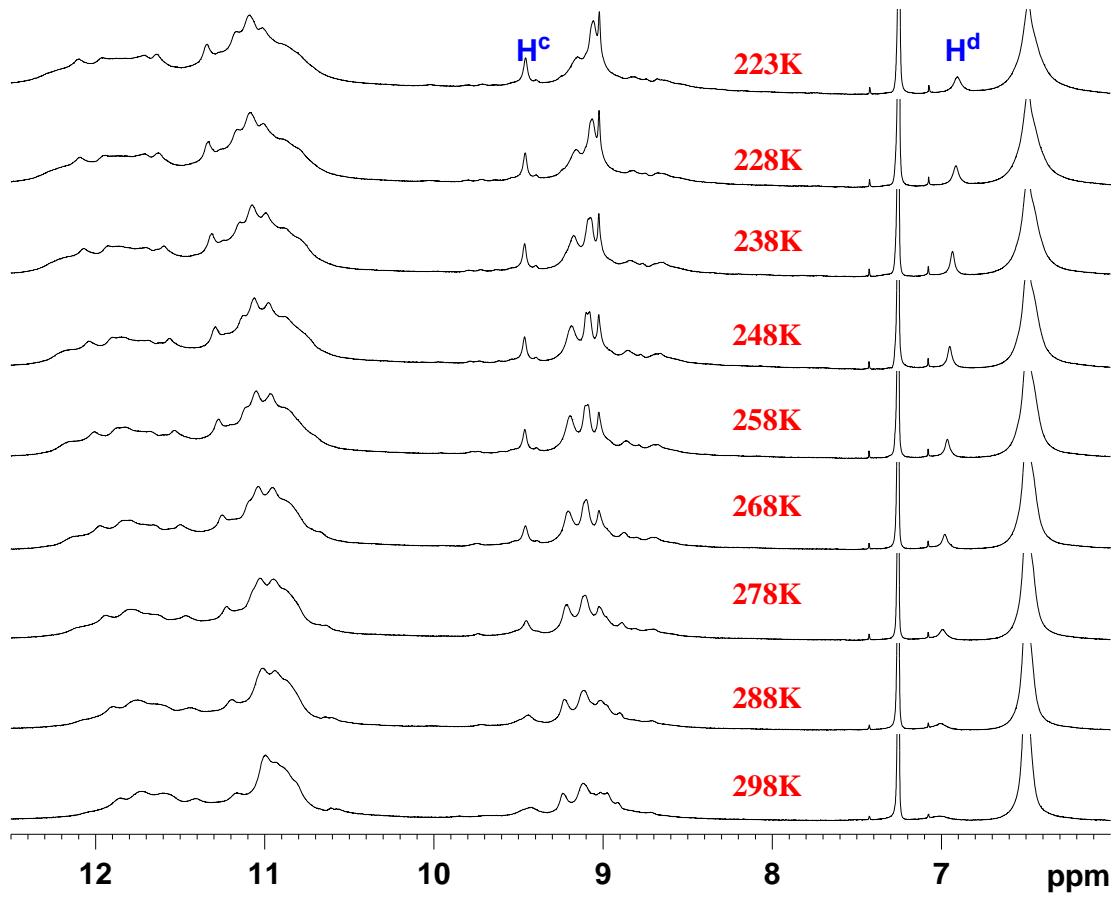
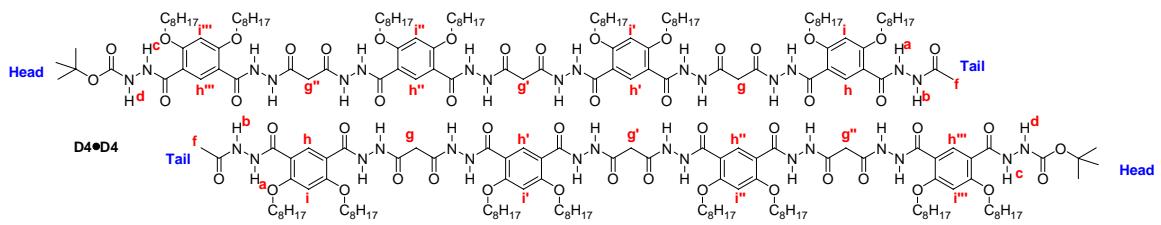


Figure S4. Stacked partial ^1H NMR spectra of **D4** at different temperatures, 600 MHz, 10 mM in CDCl_3 .

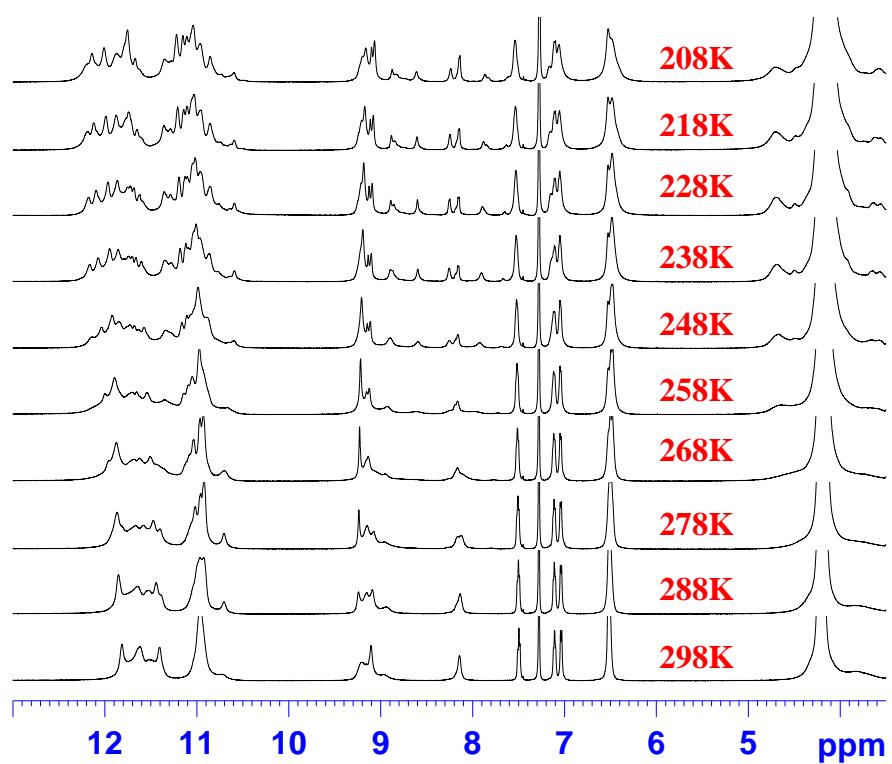
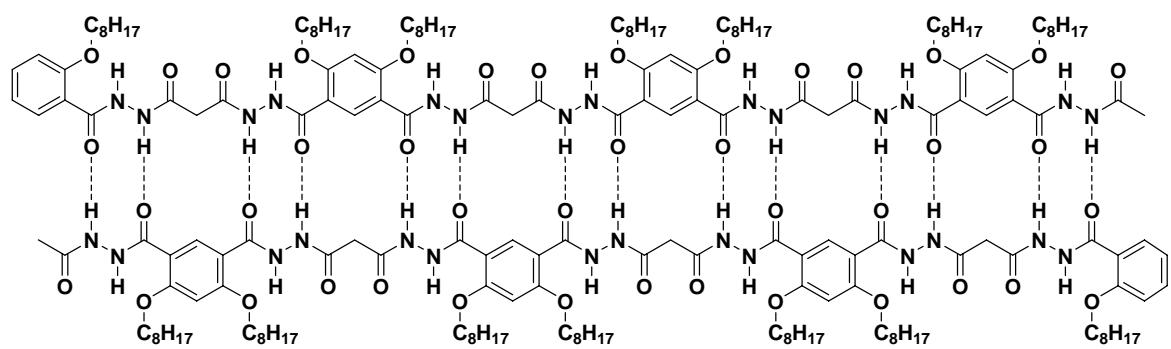


Figure S5. Stacked partial ^1H NMR spectra of mono-Acetyl terminated oligomer at different temperatures, 10 mM in CDCl_3 , 600 MHz.

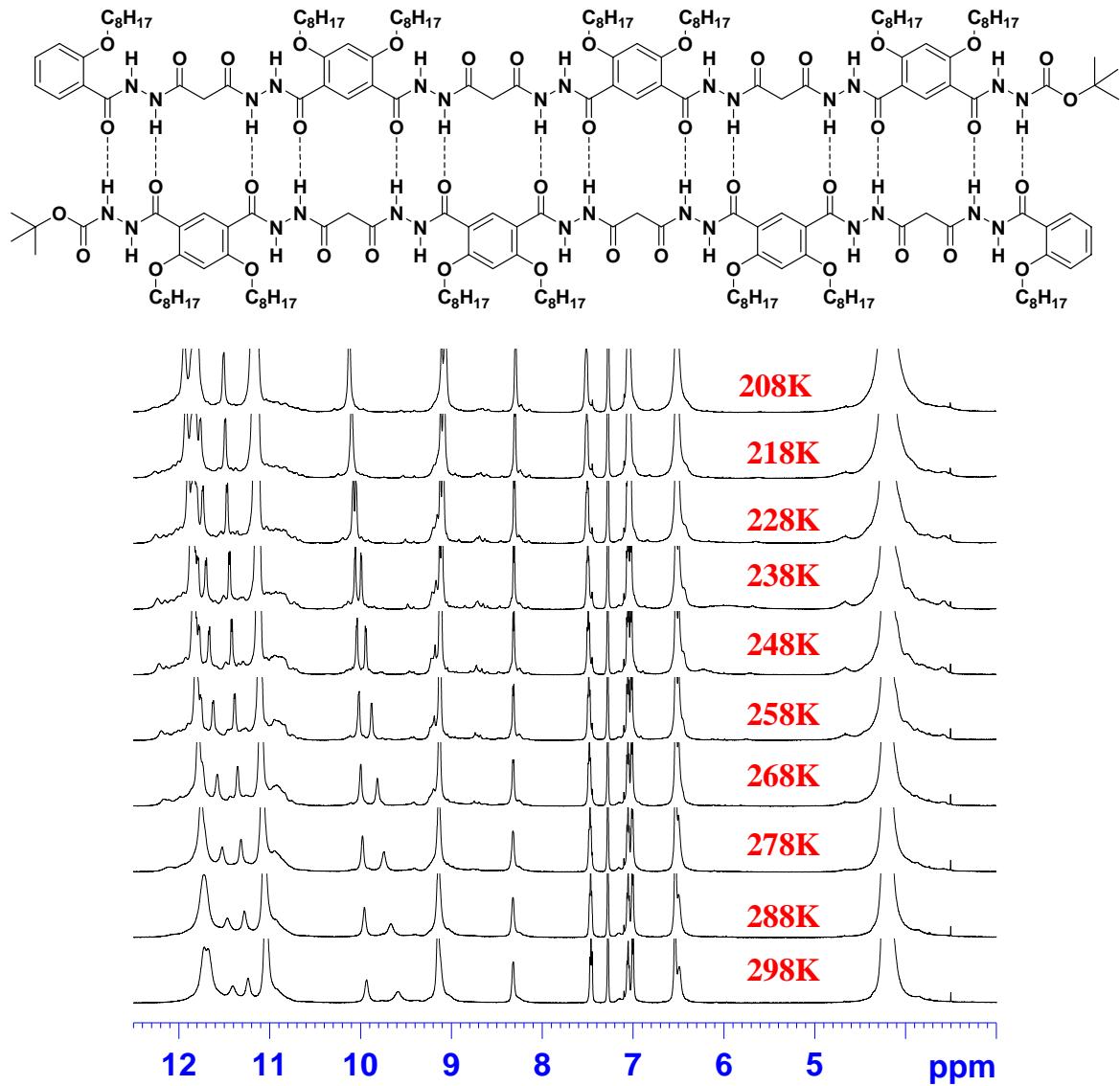


Figure S6. Stacked partial ¹H NMR spectra of mono-Boc terminated oligomer at different temperatures, 10 mM in CDCl₃, 600 MHz.