

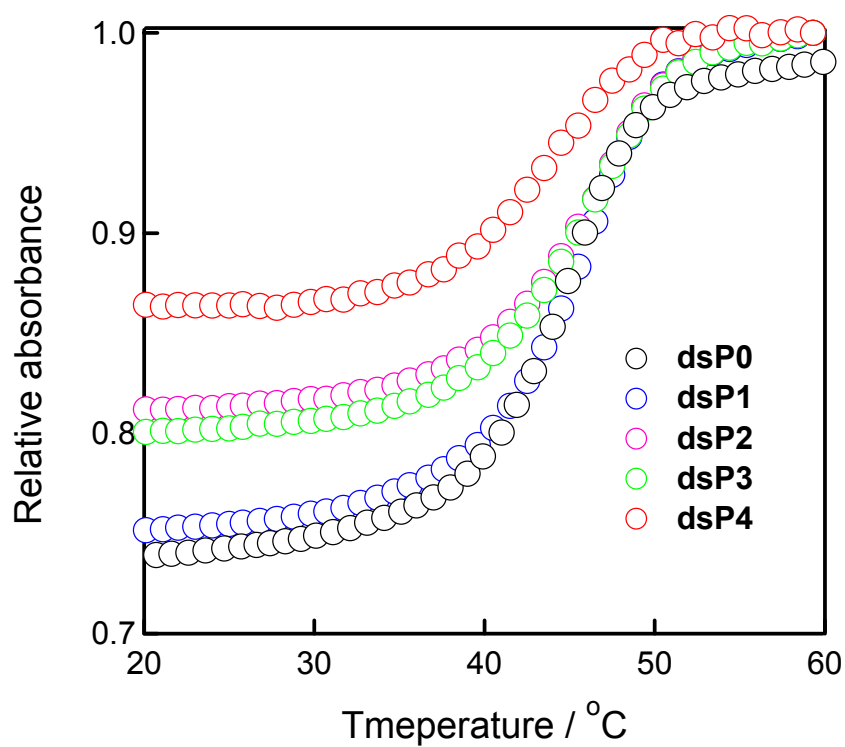
**Electronic Supplementary Information**

**Helical aggregation of pyrenes outside double stranded RNA  
exhibits significant excimer fluorescence**

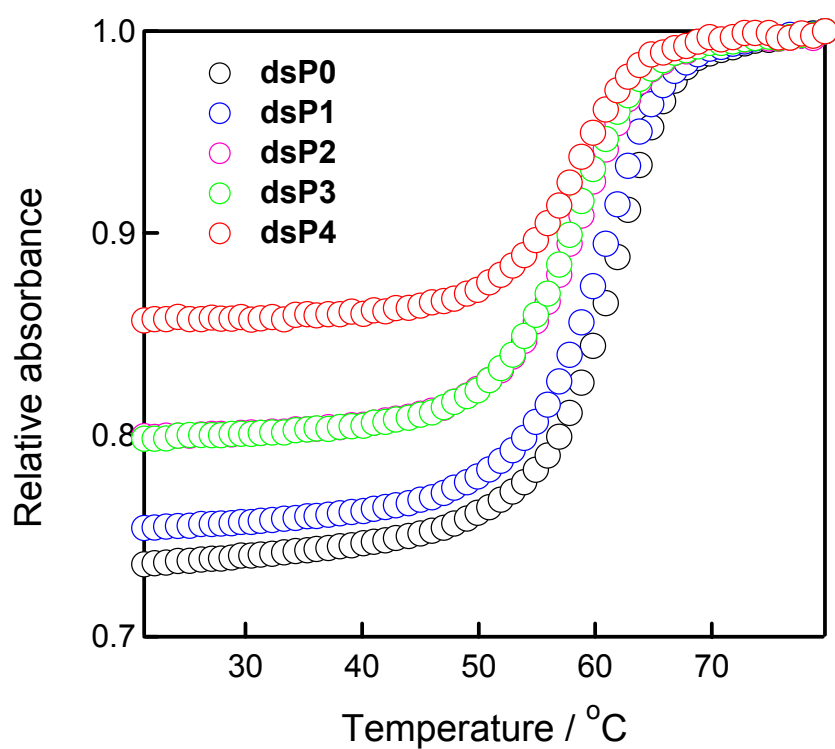
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**Fig. S1** UV-melting curve for **Pn** duplexes. Measurements were carried out in a buffer containing 10 mM sodium phosphate and 0.1 M NaCl, adjusted to pH7.0, and monitored at 260 nm for 1:1 mixture of oligonucleotides with increase in temperature from 20 to 80 °C with a rate of 0.5 °C/min.



**Fig. S2** UV-melting curve for **Pn** duplexes. Measurements were carried out in a buffer containing 10 mM sodium phosphate and 1 M NaCl, adjusted to pH7.0, and monitored at 260 nm for 1:1 mixture of oligonucleotides with increase in temperature from 20 to 80 °C with a rate of 0.5 °C/min.