Self-assembly of DNA networks at the air/water interface over time

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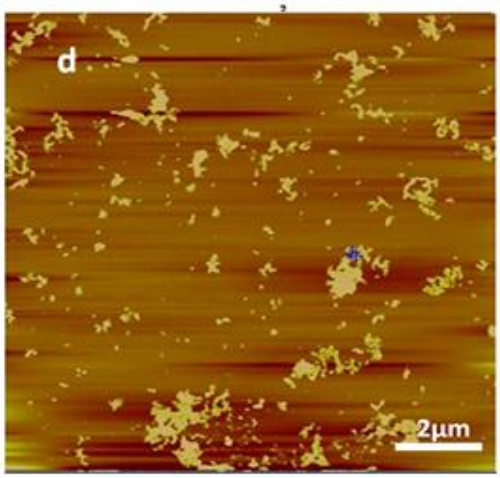

Figure S1. AFM image of DNA coils formed by dropping DNA solution on top of silicon surface.

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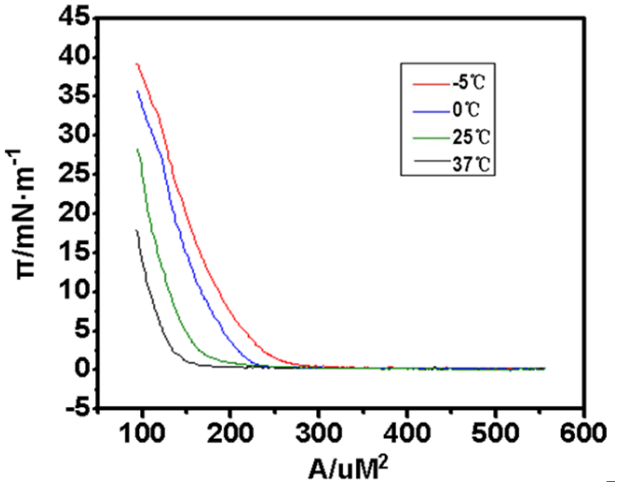

Figure S2. Surface pressure-area isotherms of DNA assembled for 24h under (a) -5°C; (b) 0°C; (c) 25°C; (d) 37°C.(c) π-A isotherm of pure water cultivated for 48h at 25℃ (d) AFM images of the DNA aggregates that formed by directly dipping DNA solution on to the silicon substrate

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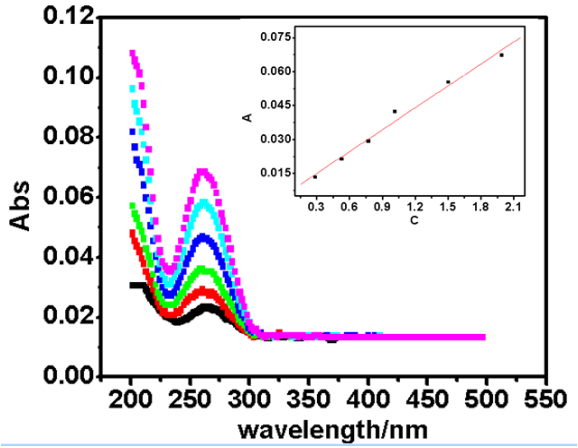

Figure S3. UV-vis absorption spectrum of salmon sperm DNA monolayers. The concentration of DNA ranged from 0.025 to 0.200g/L. Insert: image of the absorption DNA at varies concentrations.

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