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Supporting Information

High-strength, thermosensitive double network hydrogels with antibacterial functionality

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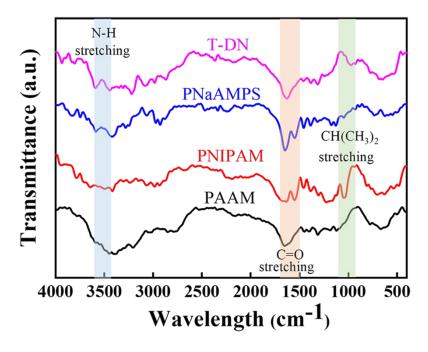


Figure S1. FTIR spectra of PNaAMPS, PNIPAM, PAAm, and T-DN hydrogels.

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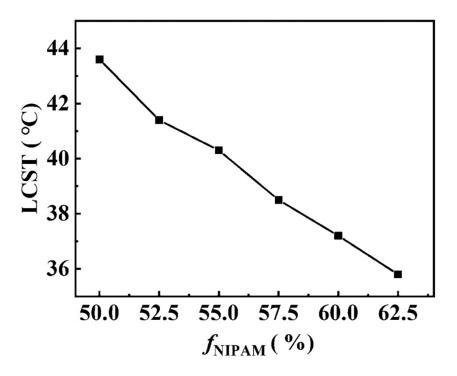


Figure S2. Effect of NIPAM content on LCST of T-DN hydrogel.

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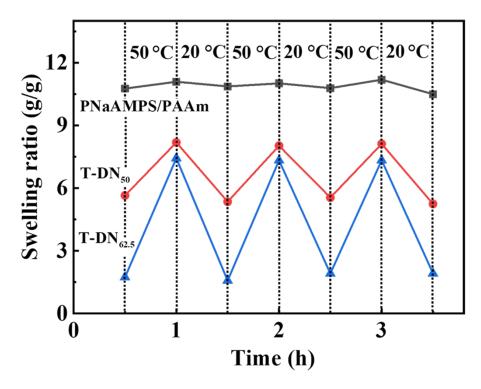


Figure S3. Oscillating swelling-deswelling kinetics of T-DN hydrogels in response to cyclic environmental temperature change in the $20 \,^{\circ}$ 50 °C range in DI water.