Supporting Information

Fully Physically Cross-Linked Double Network Hydrogels with

Strong Mechanical Properties, Good Recovery and Self-

healing Properties

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Fig. S1 Effect of (a,b) the CTAB concentration and (c,d) the SMA concentration on the elastic modulus and tensile stretch of Curdlan/HPAAm DN gels. Error bars showed standard deviation; sample size n=3.



Fig. S2 (a) Water content calculated for different concentration of 2nd monomer. (b) Water content for different durations of high temperature sterilization



Fig. S3 (a) self-healing curves for three different samples, (b) healing efficiency calculated from (a).