Supporting information for

Thermal- and Salt-Activated Shape Memory Hydrogels Based on Gelatin/Polyacrylamide Double Network

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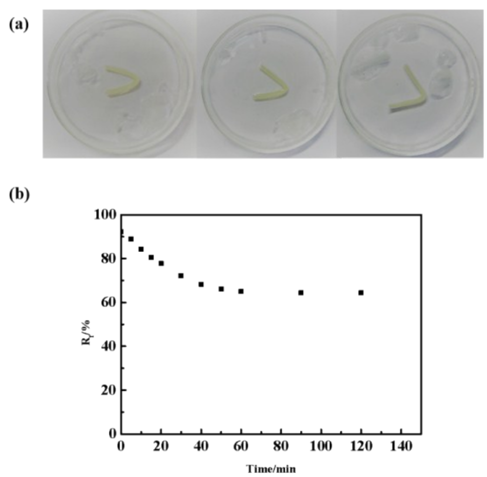

Fig. S1 (a) The shape transition of the hydrogel with time at freezing temperature. (b) Shape fixity ratio (R_f) of the hydrogel shown as a function of time at freezing temperature.

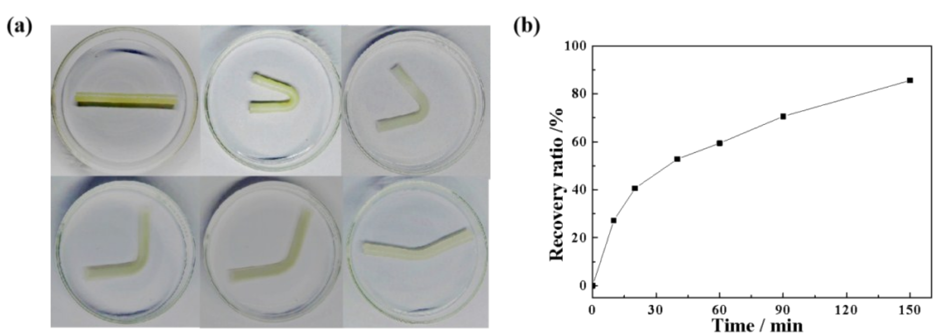

Fig. S2 (a) Images demonstrating the transition of the hydrogel from the temporary shape to the permanent shape for the salt-activated SME. b) Shape recovery ratio (R_r) for G10AM3 hydrogels shown as a function of time at room temperature.

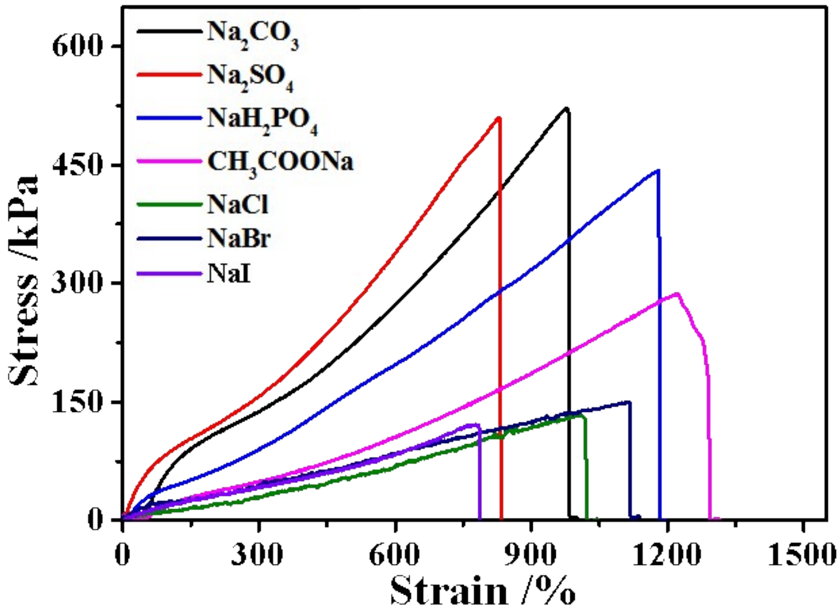

Fig. S3 Tensile stress-strain curves of hydrogels treated with solutions containing different anions at room temperature.

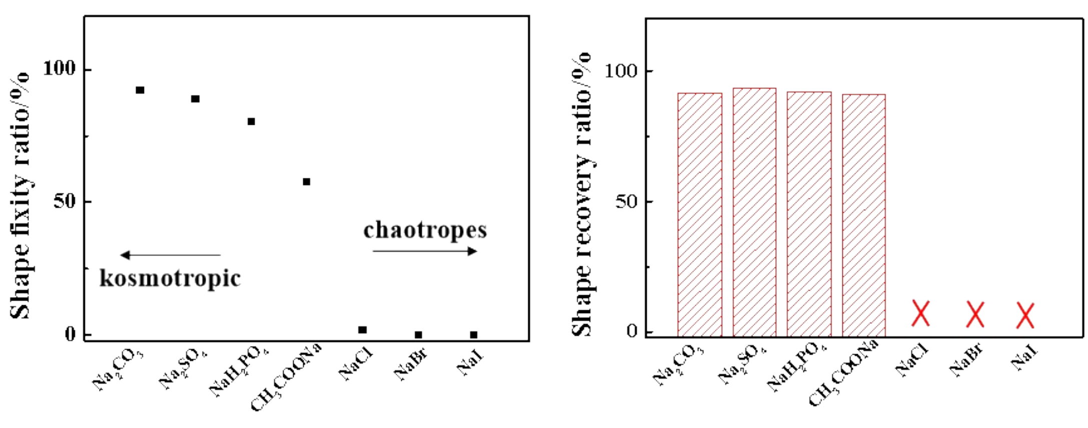

Fig. S4 (a) R_f for hydrogels treated with solutions that containing different anions at room temperature. (b) R_r for hydrogels treated with solutions containing different anions at room temperature.

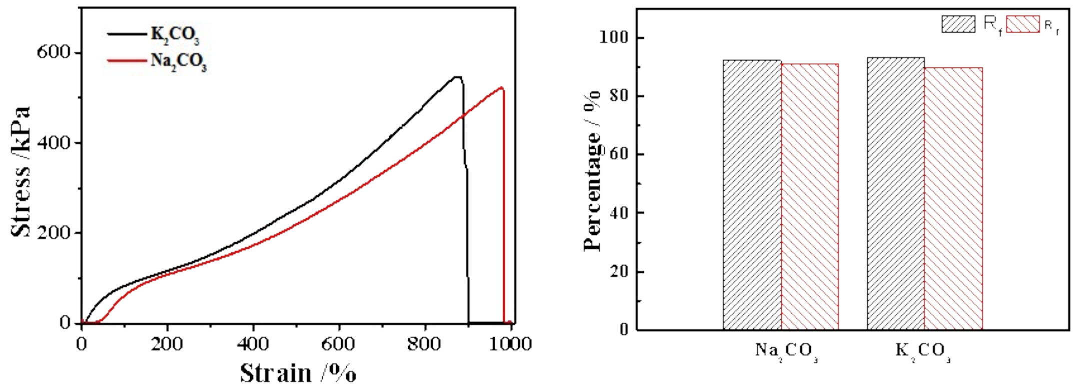

Fig. S5 (a) Tensile stress-strain curves of hydrogels treated with solutions containing different cations at room temperature. (b) R_f and R_r for hydrogels treated with solutions containing different cations at room temperature.