

Supporting Information

Tunable thermal-response shape memory bio-polymer hydrogels as body motion sensors

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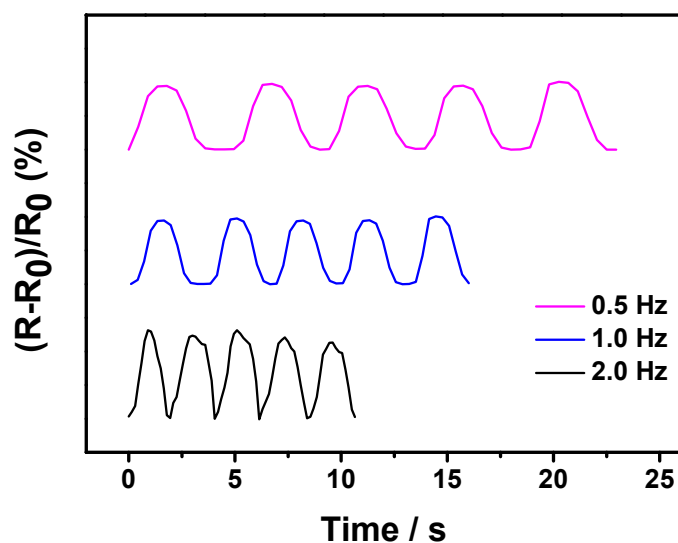


Figure S1. The frequency response of SAMA-3 hydrogel.

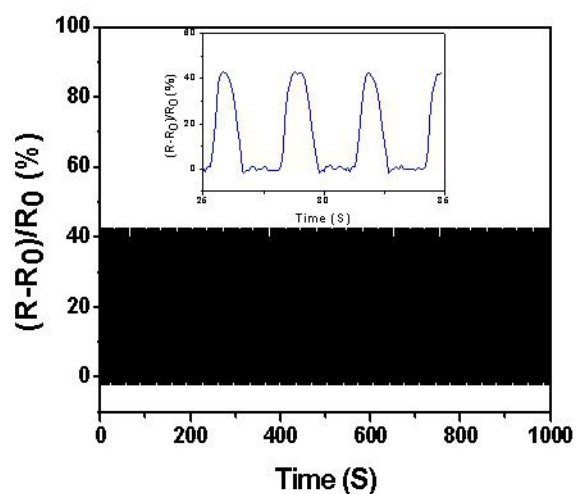


Figure S2. Stability test of SAMA-3 under a strain of 20%.

Table S1. Comparison of SAMA-3 hydrogel sensor in this work with stretchable hydrogel sensors reported in the literature.

Tensile strain (%)	Recovery extent (%)	Recovery time	Reference
1080	100%	30s (65 °C)	This work
625	80%	15min	[1]
/	74%	1h (80 °C)	[2]
1700	90%	4h	[3]
850	87.6%	4h	[4]
400%	70.5%	24h	[5]
1000%	100%	20min (90 °C)	[6]

References

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