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Flexible gel-state thermoelectrochemical materials with excellent mechanical and thermoelectric performances based on incorporating Sn<sup>2+</sup>/Sn<sup>4+</sup> electrolyte in polymer/carbon nanotube composites

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**Figure S1** An example of the plot of Seebeck coefficient curve for the gel-state thermoelectrochemical materials by incorporating  $\text{Sn}^{2+}/\text{Sn}^{4+}$  electrolytes in polymethylmethacrylate (PMMA)/single-wall carbon nanotube (SWCNT) composites, with 5.2 wt‰ SWCNT.