Supplementary Information

Preparation of Multiformable Supramolecular Gels through Helical Complexation by Amylose in Vine-Twining Polymerization

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Fig. S1. $^1$H NMR spectrum of poly($\gamma$-glutamic acid-$\varepsilon$-caprolactone) in D$_2$O.

< Functionality of the PCL graft chain >
\[
\frac{c, f (4H)}{\beta (2H)} \times 100 = 2.6\%
\]

< Molecular weight of the PCL graft chain >
\[
\frac{e, f (4H)}{b (4H)} \times 114.14 \approx 1040
\]
Fig. S2. XRD patterns of lyophilized samples from supramolecular hydrogels of runs 1 and 2 (a and b, respectively).