Supporting Information

Tough Protein/Carbon Nanotube Hybrid Fibers Comparable to Natural Spider Silks

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Figure S1. Photograph of the homogenous RSF/CNT spinning dope solution.



Figure S2. Deconvolution of amide III band in synchrotron FTIR spectra of RSF/CNT hybrid fibers. (A) CNT2-1X; (B) CNT2-2X; (C) CNT2-6X; (D) CNT2-9X.



Figure S3. Raman dichroism spectra of RSF/CNT hybrid fibers. (A) CNT2-1X; (B) CNT2-2X; (C) CNT2-6X; (D) CNT2-9X.



Figure S4. Synchrotron WAXD 1D profiles of RSF/CNT hybrid fibers. (A) CNT2-1X; (B) CNT2-2X; (C) CNT2-6X; (D) CNT2-9X.