

Supplementary Information

Autonomous Chemo-mechanical Oscillations in Crosslinked Filamentous-Actin Gels

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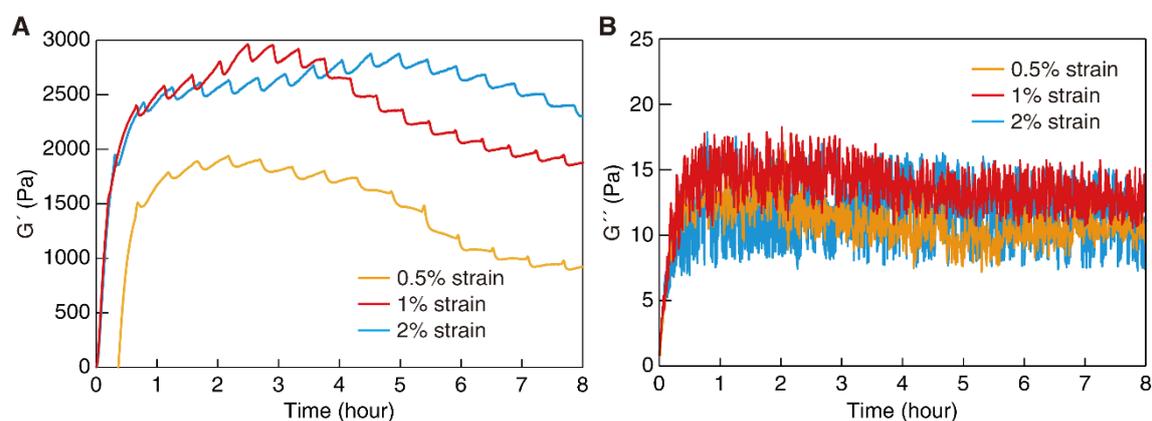


Figure S1. Time profiles of (A) G' and (B) G'' after PEG 3,400-crosslinked G-actin polymerisation. G' was measured at shear strains of 0.5% (orange), 1.0% (red), and 2.0% (light blue), and a frequency of 1.0 Hz.

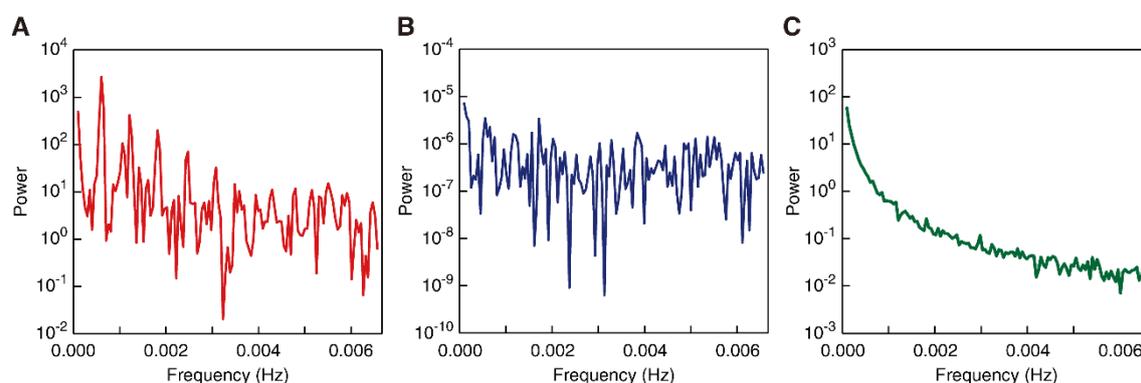


Figure S2. Power spectra of time profiles of G' by G-actin polymerisation under different PEG 3,400 actin-dimer concentrations: A, 10.6%; B, 0%; C, 10.6% in the presence of 200 μ M phalloidin. Figures were adapted with permission from ref. 12. Copyright 2016 Springer Nature.