

Supporting Information

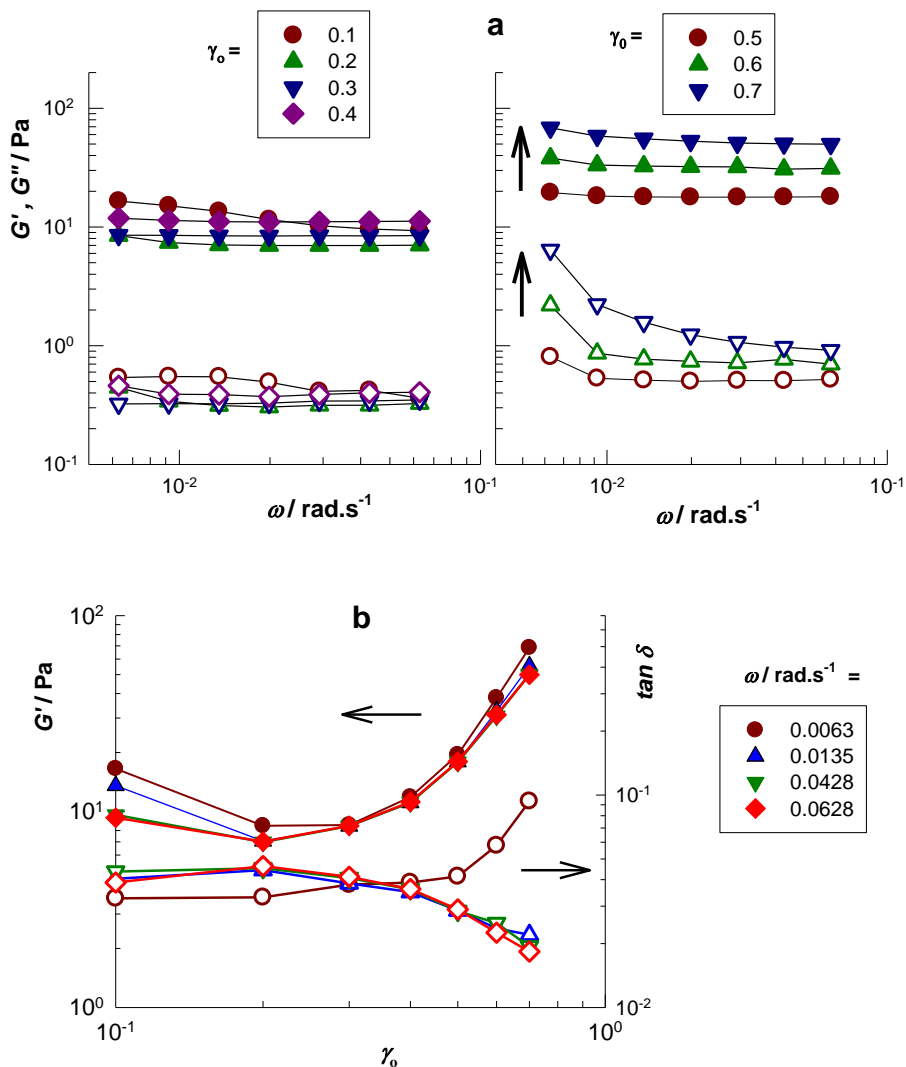


Figure S1 (a): Storage modulus G' (filled symbols) and loss modulus G'' (open symbols) of a fibroin gel with a linear modulus of 10 Pa plotted against the angular frequency ω . The arrows in the right figure indicate the direction of increasing γ_0 . Temperature = 25 °C. The strain amplitudes are indicated.

(b): G' (filled symbols) and the loss factor $\tan \delta$ (open symbols) plotted against the strain amplitude γ_0 . The frequencies ω are indicated.

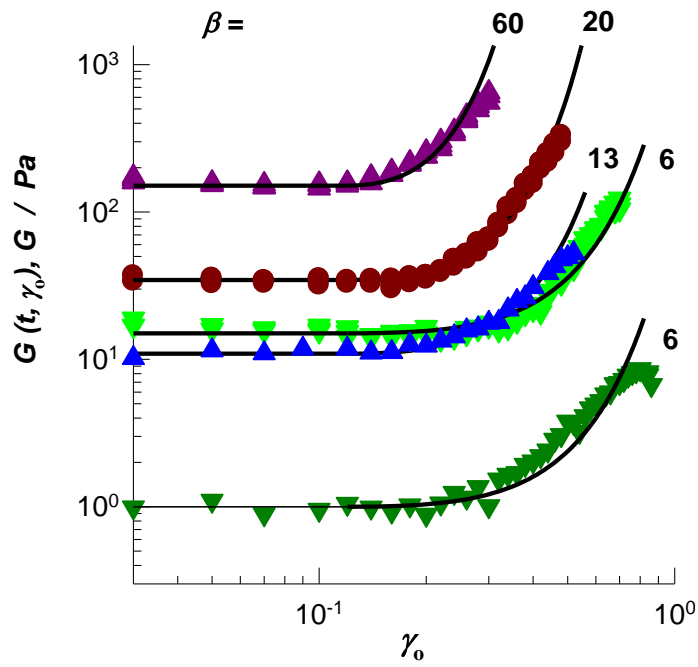


Figure S2. $G(t, \gamma_0)$ (symbols) and the modulus G calculated using eqs. (4) and (5) (solid curves) of fibroin gels plotted against γ_0 . The values of the parameter β are shown in the figure. Temperature = 25 °C.