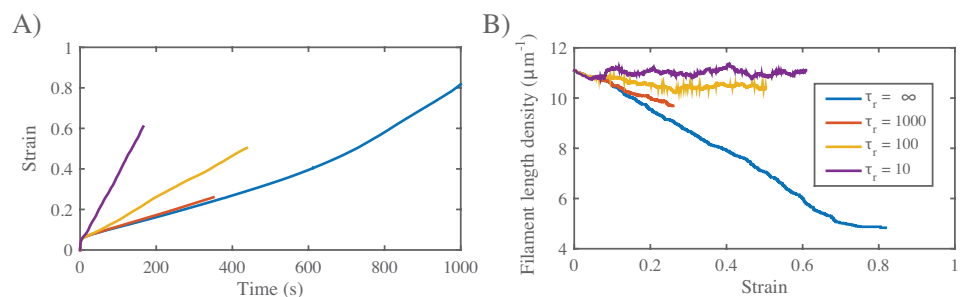


S2 Fig.



S2 Fig. Filament turnover rescues strain thinning. **A)** Plots of strain vs time for different turnover times (see inset in (B)). Note the increase in strain rates with decreasing turnover time. **B)** Plots of filament density vs strain for different turnover times τ_r . For intermediate τ_r , simulations predict progressive strain thinning, but at a lower rate than in the complete absence of recycling. For higher τ_r , densities approach steady state values at longer times.