Electronic Supplementary Information for “Microstructural response of dilute colloidal gels to nonlinear shear deformation” by Bharath Rajaram and Ali Mohraz

3D microstructural evolution of dilute, depletion-induced colloidal gels under shear deformation. Each frame of the movies depicts a $40.2 \times 38.0 \times 12.9 \, \mu \text{m}^3$ snapshot of the gel microstructure in the flow-gradient-vorticity coordinate system. The flow direction is towards the right.

Movie S1-S3: Response of anchored gel systems under shear flow. Shear rate, $\dot{\gamma} = 3.5 \times 10^{-2}$, $7.0 \times 10^{-2}$, and $1.0 \times 10^{-1} \, \text{s}^{-1}$ respectively.

Movie S4,S5: Response of freely suspended gel systems under shear flow. $\dot{\gamma} = 3.5 \times 10^{-2}$ and $7.0 \times 10^{-2}$ respectively.