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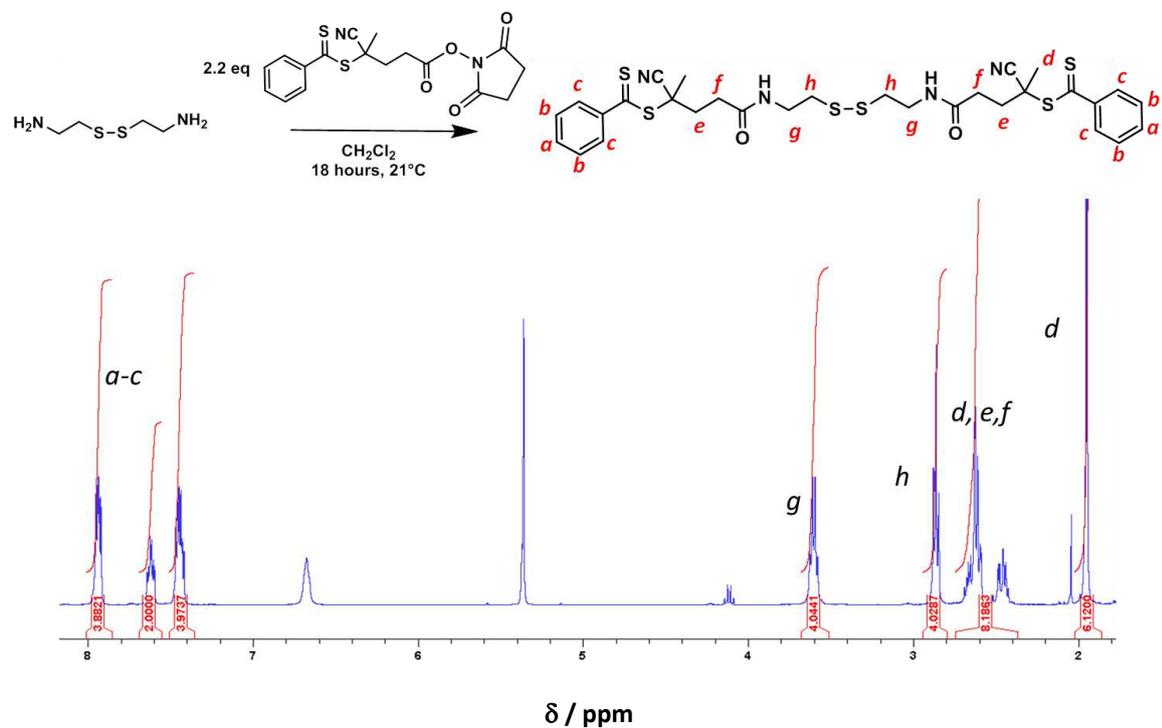
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Supporting Information for:

Disulfide-Functionalized Diblock Copolymer Worm Gels

N. J Warren, J. Rosselgong, J. Madsen and S. P. Armes

(a)



(b)

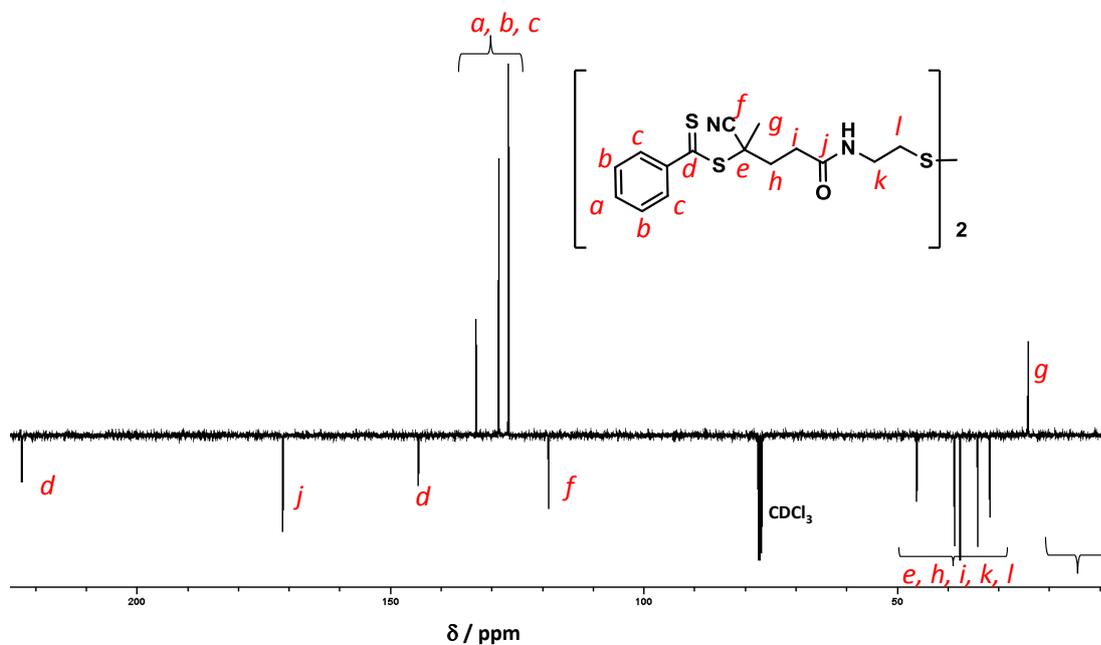


Figure S1. (a) Assigned ^1H NMR and (b) assigned ^{13}C NMR spectrum for the disulfide based CTA

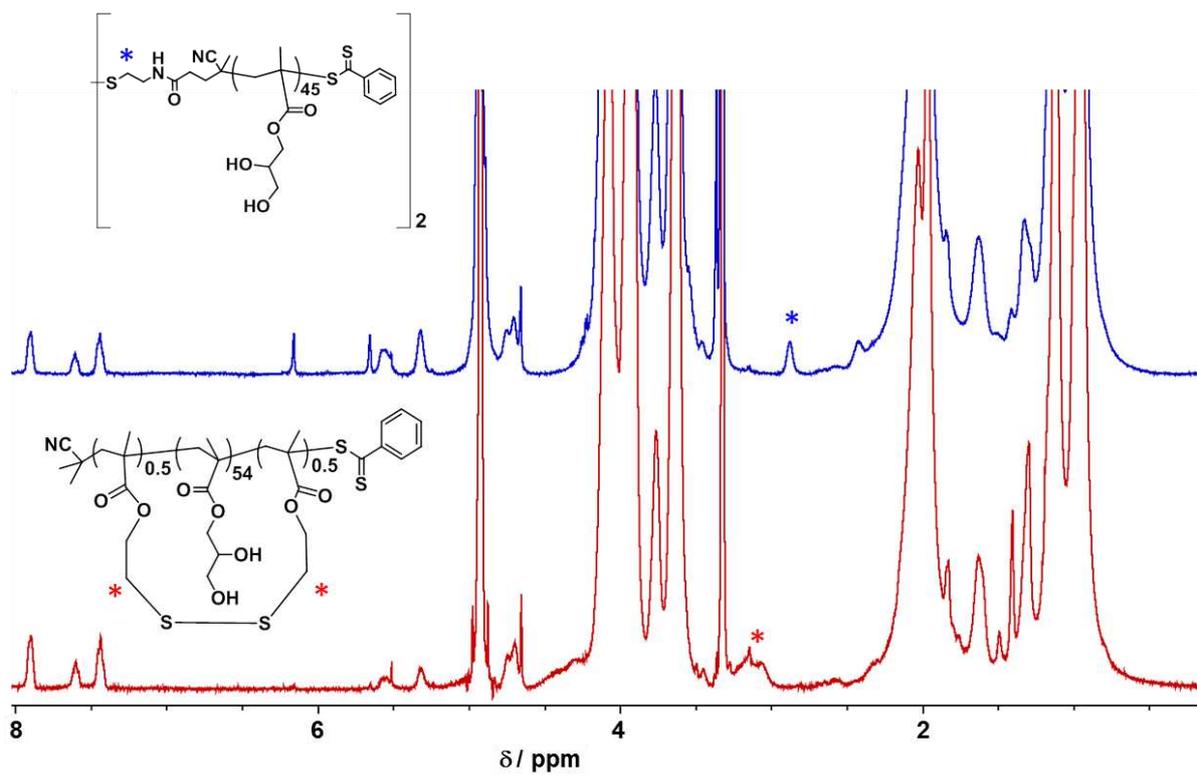


Figure S2. ¹H NMR spectra recorded for $(G_{45}\text{-S})_2$ (top) and $G_{54}\text{-D}_{0.50}$ (bottom) macro-CTAs.

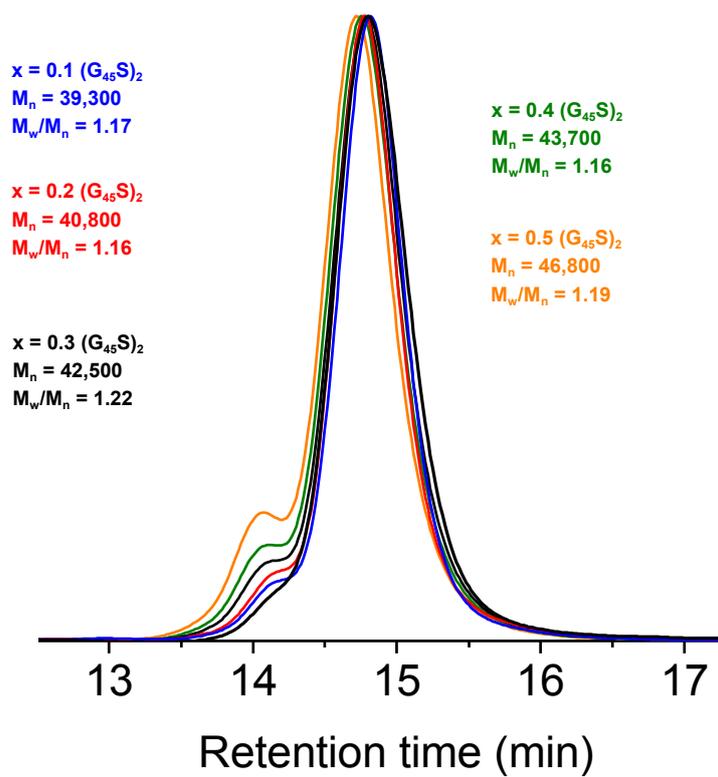
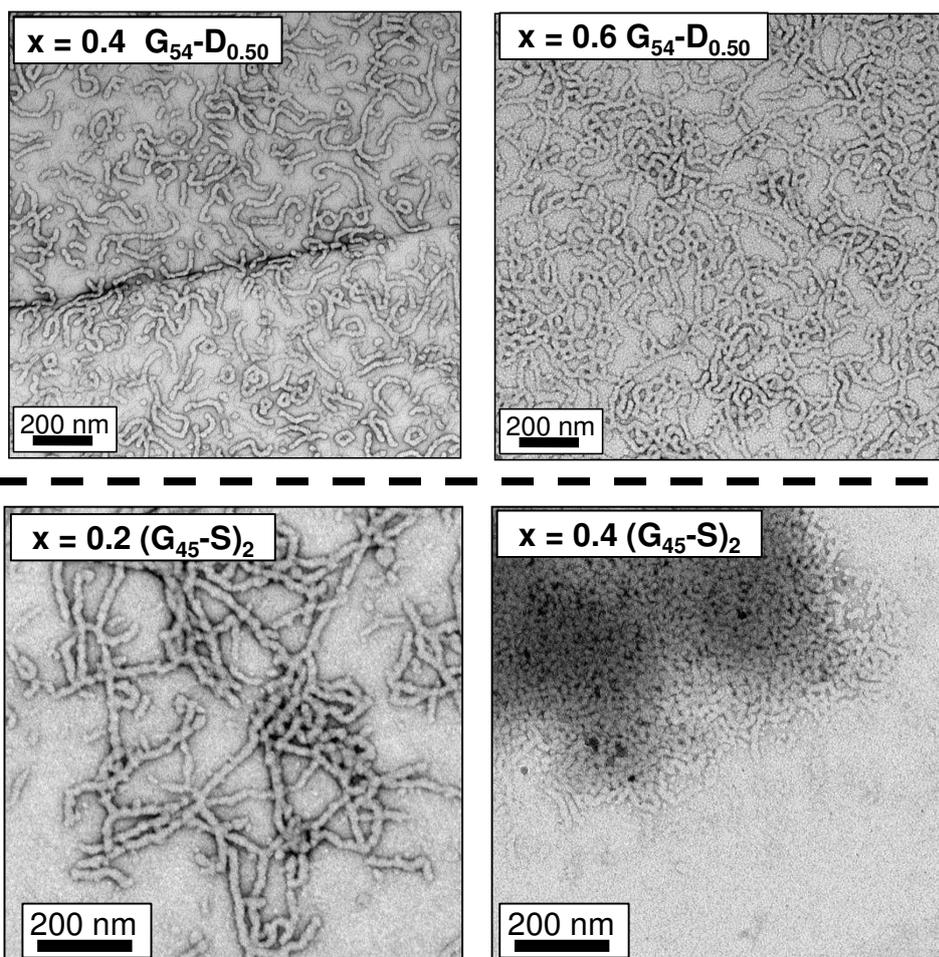


Figure S3: GPC curves obtained for $(G_{45}S)_2$ containing diblock copolymers after disulfide cleavage with excess tributylphosphine.



FigureS4. TEM images obtained from selected disulfide functionalized worm gels containing either $\text{G}_{54}\text{-D}_{0.50}$ or $(\text{G}_{45}\text{-S})_2$ as the disulfide source.

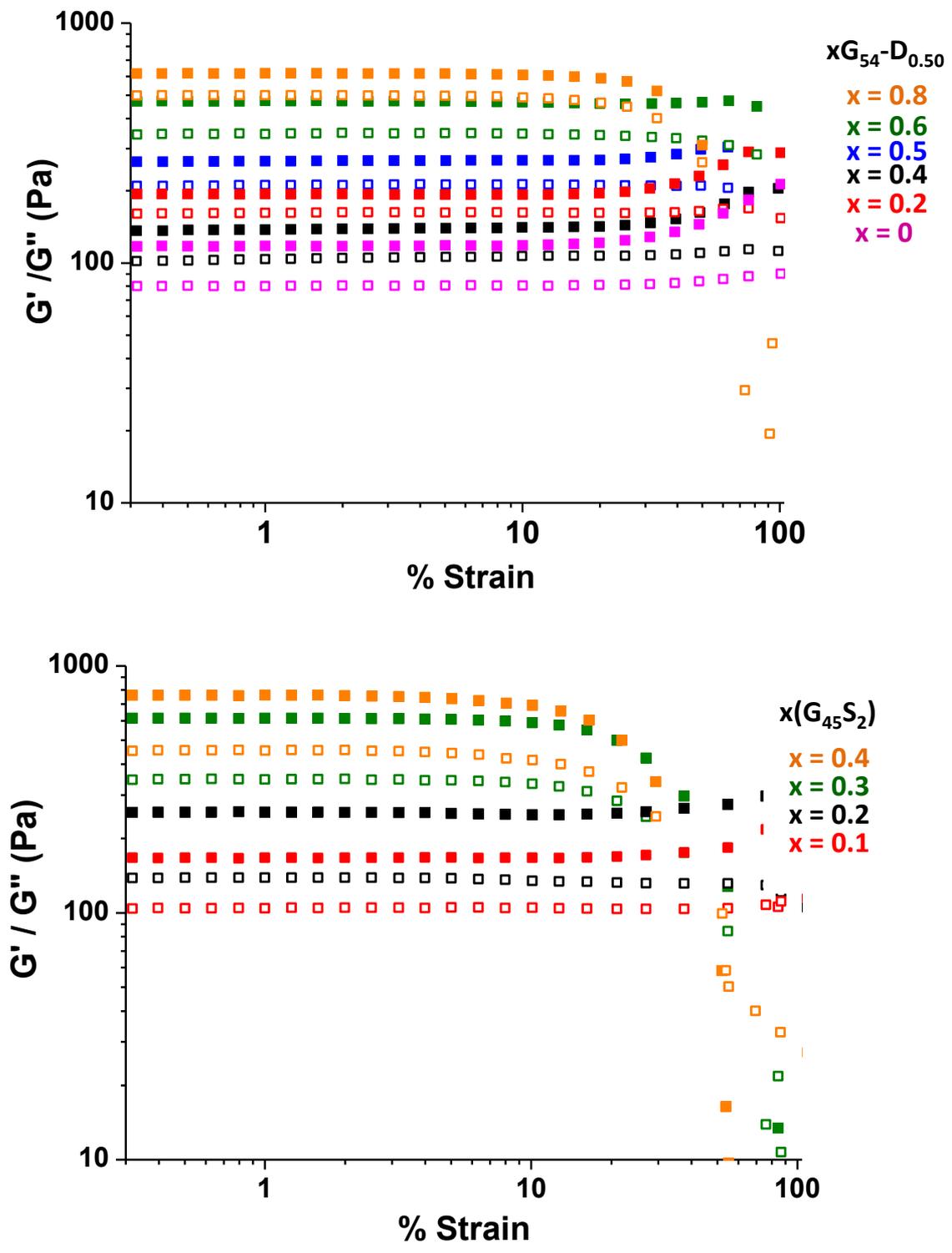


Figure S5: Strain sweeps recorded for worm gels containing various levels of either $G_{54}-D_{0.50}$ (top) or $(G_{45}-S)_2$ (bottom) as the disulfide source