

Figure S1

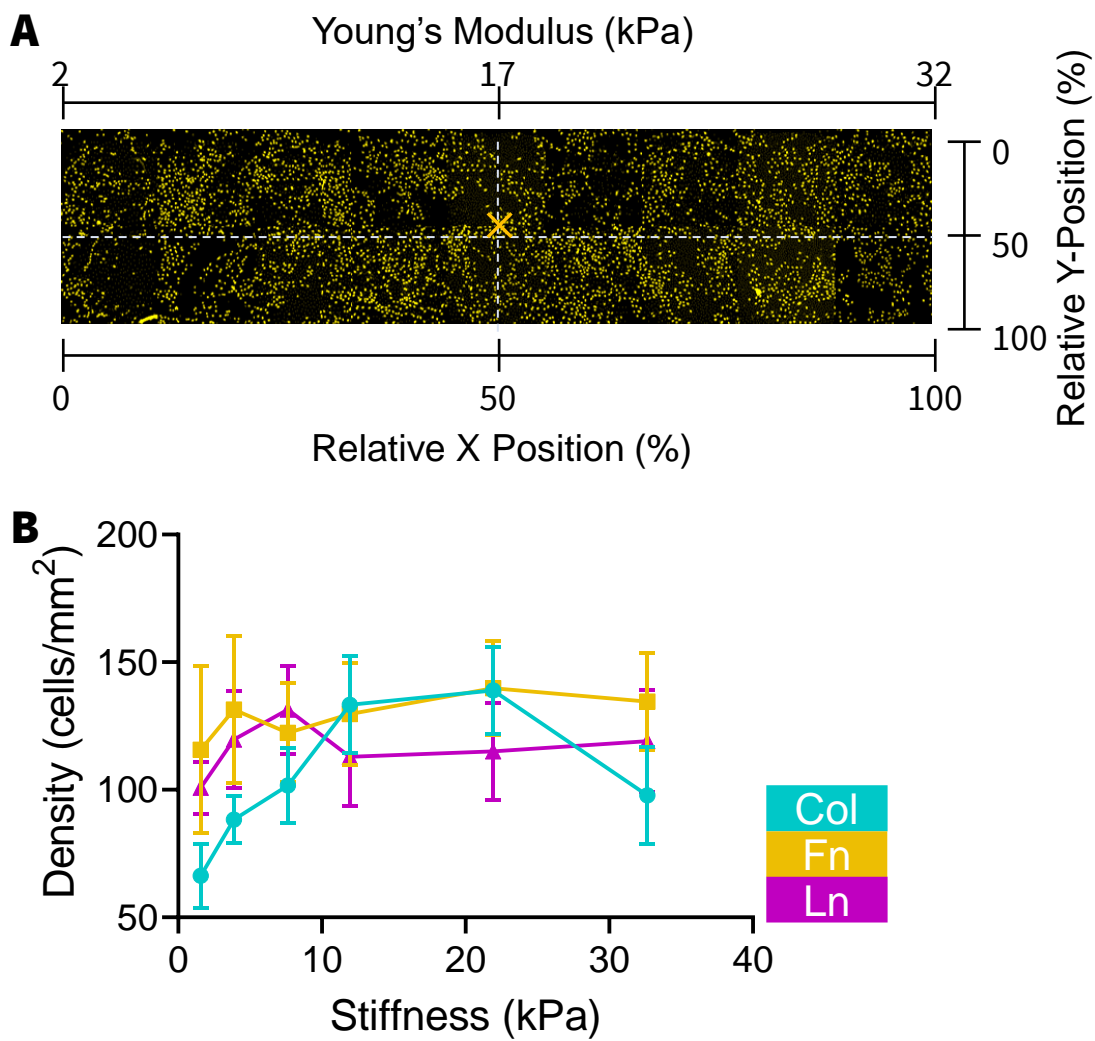


Figure S1. Distribution of H9C2 Cells. H9C2 cells were evenly distributed across the substrate surface. **A)** The representative distribution of H9C2 cells across the substrate was constructed from 27 adjacent images taken across a 9x4mm² section of the hydrogel. The average position of cells on the X and Y axis is indicated by the yellow cross. **B)** Based on the DAPI stain, the cell density at each stiffness was calculated. Across all stiffnesses and ECM, no significant differences in cell density were detected (Two-way ANOVA, $P>0.05$, $n=7$), however on collagen coated hydrogels, cells tended to be more densely packed between 12 and 22kPa.