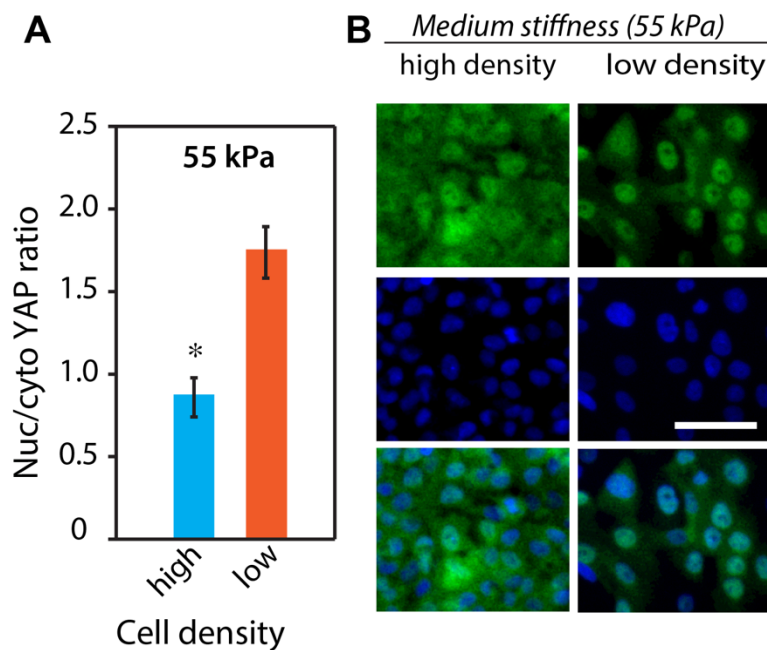


## SUPPLEMENTARY INFORMATION

for

*“Hydrogel-based microchannels to measure confinement- and stiffness-sensitive*

*YAP activity in epithelial clusters”*



**FIG. S1: Intermediate ECM stiffness preserves nuclear YAP.** (A) On intermediate ECM stiffness of 55kPa hydrogels, nuclear/cytoplasmic ratio of YAP expression in cells within the low or high density epithelial clusters. \*  $p < 0.05$  with respect to the low cell density case.  $N > 30$  cells per condition, from at least three separate experiments. (B) Confocal immunofluorescence images of YAP expression (green) and nuclei (blue) for MCF-10A cell clusters cultured on medium stiffness (55kPa) substrates. Scale bar = 50  $\mu\text{m}$ .