

Supplementary Figures

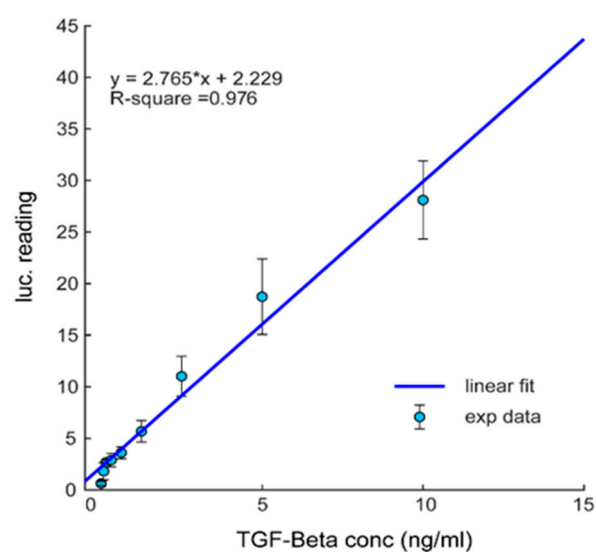


Figure S1: Standard curve for recombinant TGF- β protein response using CCL64 PAI assay is shown.

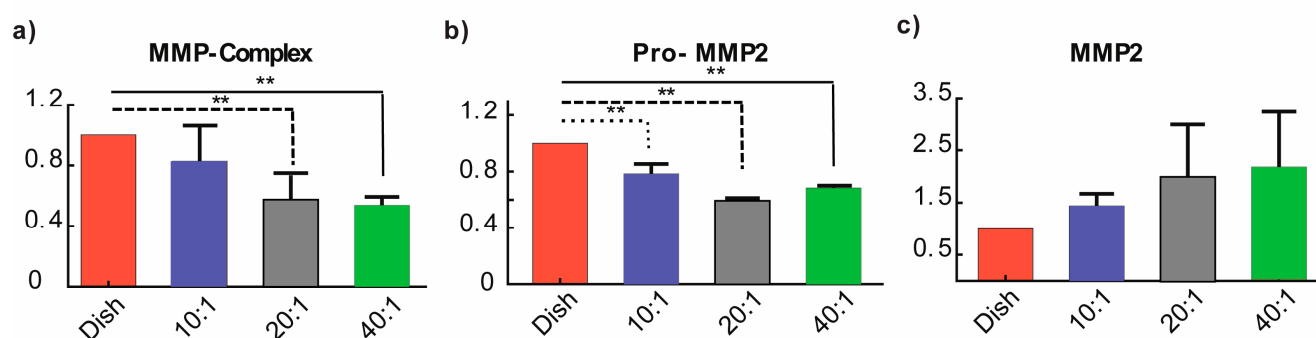


Figure S2: Quantification of Gelatin zymography images (Fig. 2d) with condition media collected from cells cultured on dish, 10:1 (1.58 MPa), 20:1 (351 kPa) and 40:1 (41.89 kPa) PDMS substrates were assayed for MMP-Complex, Pro-MMP-2 and MMP-2. Data are represented as mean \pm SEM; * p<0.05; ** p<0.01.

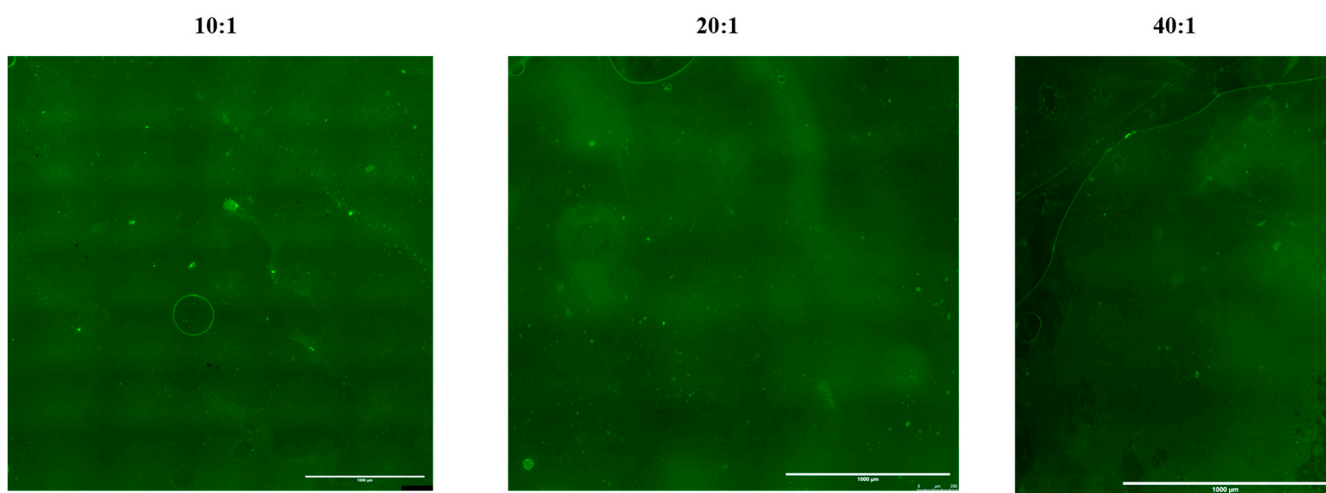


Figure S3. Tile scan images taken in a live cell fluorescent microscope showing uniform coating of fluorescently tagged fibronectin on PDMS substrates with different stiffness (10:1, 20:1, 40:1).

Supplementary Table

Table S1: Primers used in the study are indicated.

Gene	Sequence
MMP2_FP	5' GCGGCGGTCACAGCTACTT 3'
MMP2_RP	5' CACGCTCTTCAGACTTTGGT 3'
Col I_FP	5' GTGATTGGGCGGGATGTCTTCGTC 3'
Col I_RP	5' CCCCAGCCACAAAGAGTCTACA 3'
Col III_FP	5' TCCTGAGGACCAGTAGGCA 3'
Col III_RP	5' CGCCCTCCTAATGGTCAAGG 3'
TGF-β1_FP	5' TACCTGAACCCGTGTTGCTCTC 3'
TGF-β1_RP	5' GTTGCTGAGGTATCGCCAGGAA 3'
GAPDH_FP	5' GTCTCCTCTGACTTCAACAGCG 3'
GAPDH_RP	5' ACCACCCTGTTGCTGTAGCCAA 3'