

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Dynamic changes in cell orientation and cytoskeletal reorganization under uniaxial cyclic stretching of the substrate. EGFP-LifeAct-transfected mouse embryonic fibroblasts seeded onto the PDMS thin film were re-oriented in response to the substrate stretching (8% strain ratio and 1Hz frequency) by the reorganization of actin cytoskeleton perpendicular to the substrate stretching direction. Each frame was collected every 2 min for 1 h.