Fluorescent Probe for Imaging Intercellular Tension: Molecular Force Approach

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1. Drug treatment

For inhibitor research, ROCK inhibitor Y27632 (30 μM) and MLCK inhibitor ML-7 (40 μM) were used. The cell was incubated with Au-DNA tension probe, then washed, and treated with Y27632 (30 μM) or ML-7 (40 μM). After ML-7 (40 μM), the florescence image was take overtime.

2. Supplemental Figures

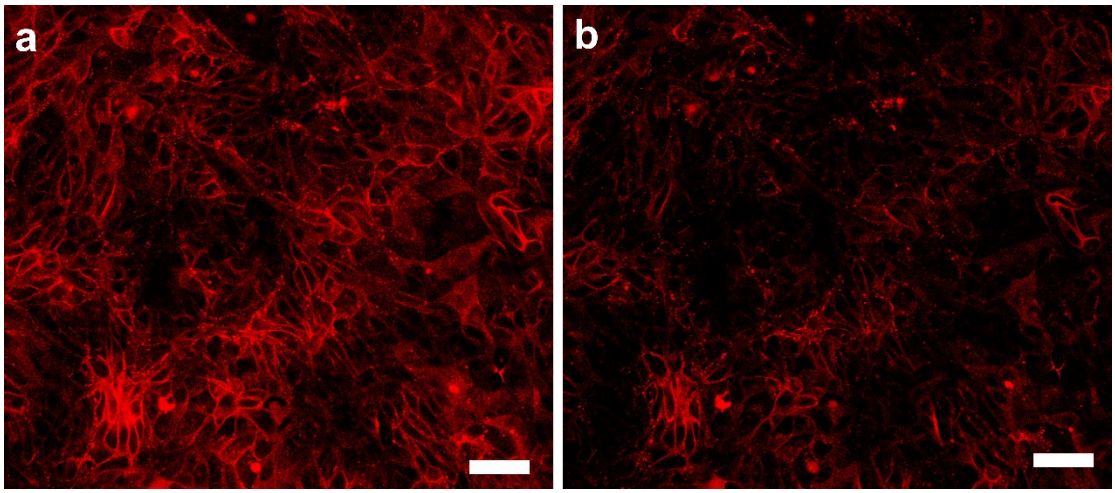

Figure S1. The cells are treated with MLCK inhibitor. Representative fluorescence images showed the change of Au-DNA intercellular tension probe before (a) and after (b) ML-7 treatment 30 min. Scale bar: 50 μm.