



Appendix 1. p38MAPK activation demonstrated by western blot. HCFs were seeded at confluence in SSFM on collagen in 100 mm plates. The next day cells were scratch-wounded (grids were used to generate consistent scratching) and reagents were added. After 4 h, cells were lysed with RIPA buffer with protease and phosphatase inhibitors. Lysates were western blotted with Phospho-p38MAPK antibody or p38MAPK antibody. Relative Pixel Intensity (RPI) was calculated for each band. **A:** No TGFβ (-) or plus TGFβ, 0.01, 0.1, 1.0 ng/ml). SSFM is 100%. Each condition was compared to SSFM, *p value <0.05. **B:** Lane 1, p38MAPK Inhibitor (SB202190); Lane 2, DMSO; Lane 3, TGFβ1 antibody; Lane 4, Control IgG; Lane 5, TGFβRI inhibitor (SB431542). Control IgG is 100%. p value <0.05. Experiments were repeated 3 times with similar results.