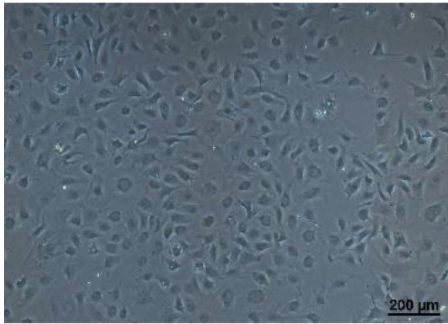


Bright Field



DAPI/DDR2

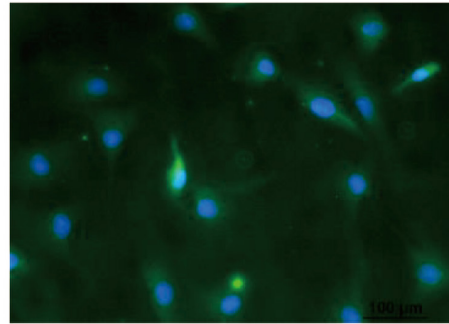


Figure S1 Characterization of cardiac fibroblasts. Bright-field image of cultured cardiac fibroblasts (left) and representative immunostaining of discoidin domain receptor 2 (DDR2), a marker of cardiac fibroblasts. Scale bar, 200 μm (left), 100 μm (right).

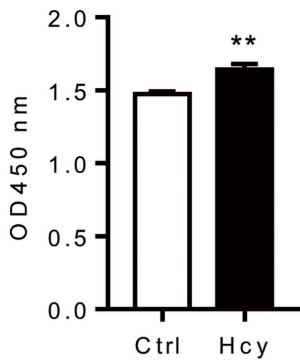


Figure S2 Hcy induced the proliferation of cardiac fibroblasts. Cardiac fibroblasts (CFs) were treated with homocysteine (Hcy) (300 μM) for 24 h, then added cck8 and detected the OD value at 450 nm after 2 h incubation. Data are shown as means \pm SEM, unpaired *t* test was used for comparisons. **, $P < 0.01$.

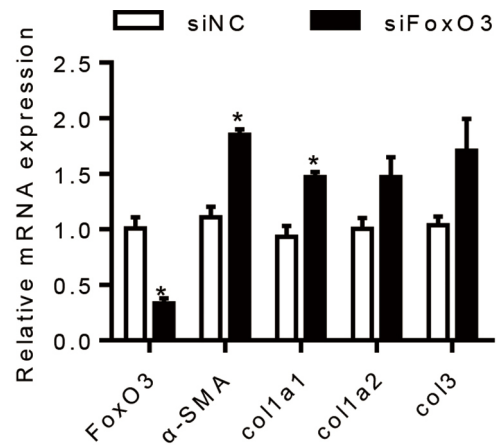


Figure S3 Knockdown FoxO3 promotes the differentiation of cardiac fibroblasts. Cardiac fibroblasts (CFs) were transfected with FoxO3 siRNA for 48 h, then detected the mRNA levels. Data are shown as means \pm SEM, unpaired *t*-test was used for comparisons. *, $P < 0.05$.