Supplementary Fig.1 Adult mouse cardiac fibroblasts were pretreated with sildenafil (1 μM) for 1 h, and then exposed to TGF-β1 (10 ng/ml) for 24 h. Sildenafil pretreatment markedly decreased collagen synthesis (collagen I and III) by TGF-β1 incubation. Results are shown as mean ± SEM. n=6. *P<0.05 vs. control. #P<0.05 vs. TGF-β1.
Supplementary Fig. 2 (A) Cardiac fibroblasts were treated with siRNA-PDE5 (100 nM) for 48 h. PDE5 expression was determined by Western blot. \( n = 4 \). Cardiac fibroblasts were pretreated with siRNA-PDE5 (100 nM) for 24 h, and then exposed to TGF-\( \beta \)_1 (10 ng/ml) for 24 h. (B) siRNA-PDE5 alleviated TGF-\( \beta \)_1-induced cardiac fibroblast proliferation. \( n = 6 \). (C) siRNA-PDE5 pretreatment markedly decreased collagen synthesis (collagen I and III) by TGF-\( \beta \)_1 incubation. Results are shown as mean ± SEM. \( n = 6 \). * \( P < 0.05 \) vs. control. \# \( P < 0.05 \) vs. TGF-\( \beta \)_1+siRNA-control.