Supplementary data

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Supplementary Figure 1. Identification of primary human lung fibroblasts. a. The cells isolated from lung tissues of IPF patients. b. The primary human lung fibroblasts were cultured with TGF-β1(20ng/mL).

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Supplementary Figure 2. MRC5 line was cultured for 48 hours with TGF-β1-induced myofibroblast differentiation in a concentration-dependent manner (0, 10, 20ng/mL). A. Expression of SIRT6 and α-SMA protein induced by TGF-β1 were increased in a concentration-dependent manner. B. Expression of SIRT6 and α-SMA protein were decreased by rapamycin treatment in a concentration-dependent manner (0, 1, 10μM).

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Supplementary Figure 3. MRC5 line was cultured for 48h hours with TGF-β1-induced myofibroblast differentiation in a concentration-dependent manner (0, 20ng/mL). a-c. After treatment with TGF-β1(0 ng/mL), immunofluorescence staining of DAPI (blue) in nucleus of MRC5, SIRT6 (green) was found in MRC5. d-f. Immunofluorescence staining of SIRT6 (green) in MRC5 Nuclei are shown in blue (DAPI staining) with TGF-β1stimulation (20 ng/mL).