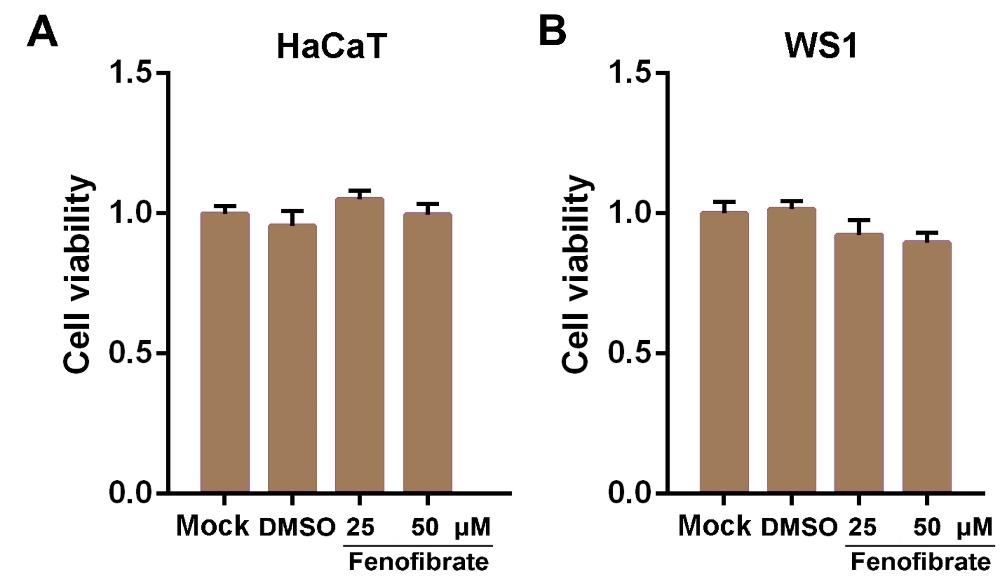
**Supplemental Figures and Figure Legends**

**Supplemental figure 1**



**Supplemental Figure 1.** The effect of fenofibrate on the viability in HaCaT and WS1 cells. Cell viability was measured 24 h after fenofibrate treatment by MTT assays.

**Supplemental figure 2**



**Supplementary Figure 2.** (A)Human primary skin fibroblasts were pretreated with fenofibrate, followed by 0 or 20 Gy irradiation. Cellular ROS levels for each group of cells were determined using a DCF-DA probe. Fluorescent signals reflecting the ROS concentration were observed using a fluorescence microscope. (B) Quantitative analysis of fluorescence microscope. Data are depicted as the mean ± SD from three independent experiments. \*p < 0.05; \*\*p < 0.01.

**Supplemental figure 3**

****

**Supplementary Figure 3.** (A)WS1 and (B) HaCaT cells were treated with 50 μM fenofibrate for 24 h and stained with a SmartFlare uptake control probe (positive control). Fluorescent signals were observed using a confocal microscope. (C) Quantitative analysis of fluorescence microscope. Data are depicted as the mean ± SD from three independent experiments. \*p < 0.05; \*\*p < 0.01.