



**Figure S1.** (A) Relative fluorescence intensity of TREK-1 in Figure 1E. (B) Semi-quantitative analysis of TREK-1 level evaluated by Western blotting in Figure 3A. (C) Semi-quantitative analysis of protein level evaluated by Western blotting in Figure 3C. (D) Interference efficiency of small interfering RNA in fibroblasts. (E) Semi-quantitative analysis of protein level evaluated by Western blotting in Figure 6C. (F) Semi-quantitative analysis of protein level evaluated by Western blotting in Figure 6D. (G) Cell viability of fluoxetine treated fibroblasts by CCK8 assay. (H) Semi-quantitative analysis of  $\alpha$ -SMA level evaluated by Western blotting in Figure 6G. (I) Semi-quantitative analysis of protein level evaluated by Western blotting in Figure 6H. (J) Semi-quantitative analysis of protein level evaluated by Western blotting in Figure 6I.