**Suppl. Fig. 1.** MSCs cultured with 25 ng/mL SDF-1α for 24 h showed a stronger migration ability than at the 0, 50 or 100 ng/mL SDF-1α concentrations. **A.** Representative photomicrograph of the wound edge in the scratch test at 0 and 24 h. Scale bar: 200 µm. **B.** Cell migration of MSCs following SDF-1α treatment was determined by transwell assay. Migrated cells were stained with crystal violet. Scale bar: 100 µm. **C.** Number of migrated MSCs. \**p* < 0.05, \*\**p* < 0.01. All data are presented as mean ± SD (n = 3).

**Suppl. Fig. 2.** SDF-1α activated the Wnt/PCP pathway and gene expression in MSCs, especially at the 25 ng/mL concentration. **A.** Representative Western blots of RhoA, c-Jun, and ATF2 proteins. **B–D.** Comparisons of the protein levels of RhoA, c-Jun, and ATF2. \**p* < 0.05, \*\**p* < 0.01. All data are presented as mean ± SD (n = 3).