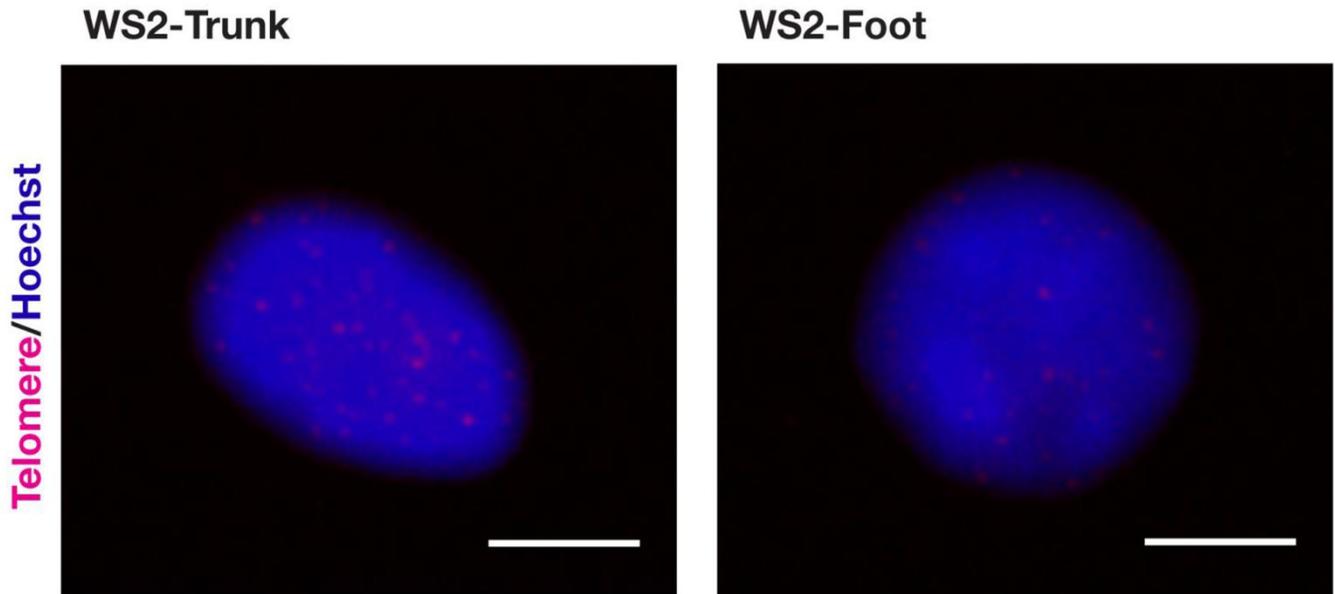
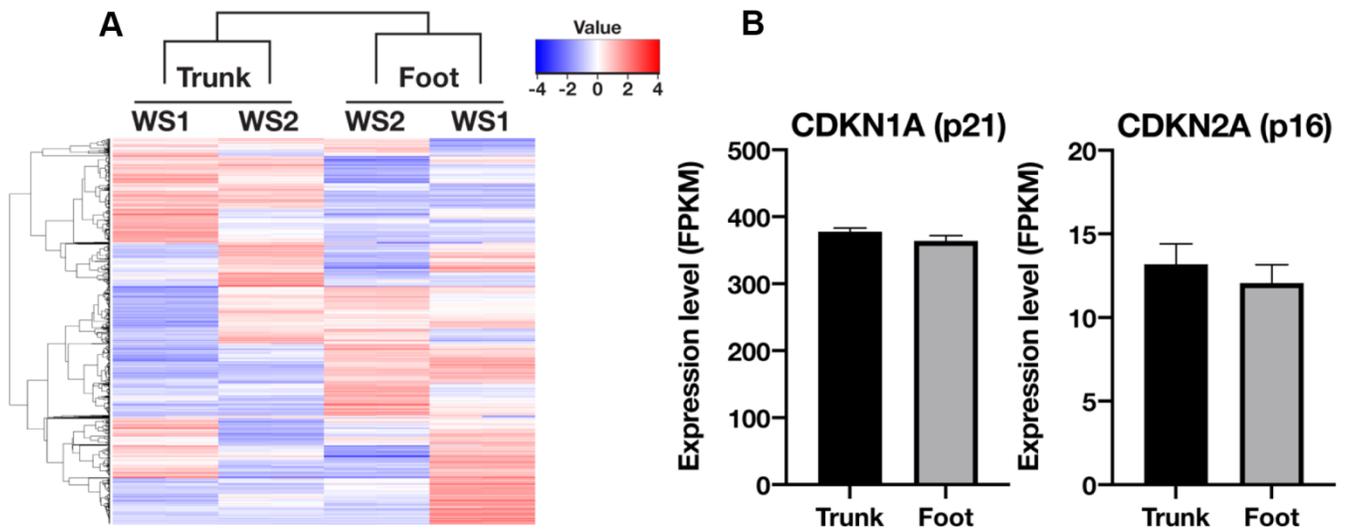


SUPPLEMENTARY FIGURES

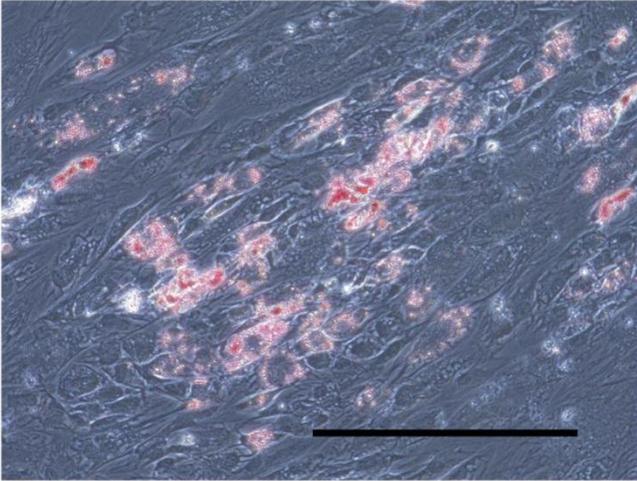


Supplementary Figure 1. Representative image of telomere Q-FISH of WS2. Bar = 10 μ m.

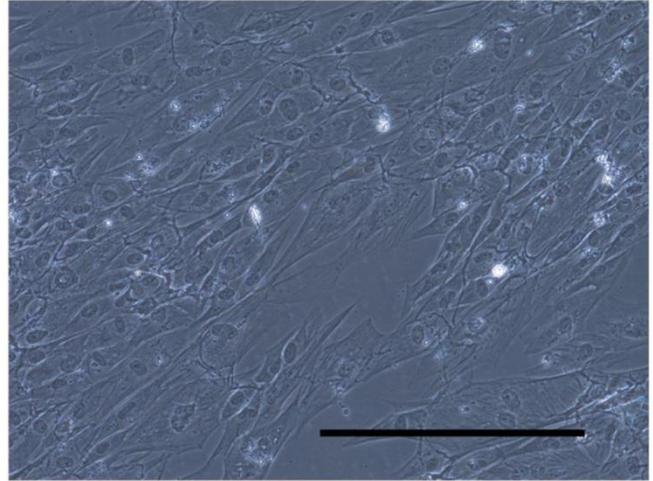


Supplementary Figure 2. Results of transcriptome analysis of the trunk and foot fibroblasts. (A) Heatmap of the hierarchical clustering analysis. (B) FPKM results of CDKN1A (p21) and CDKN2A (p16). Data are means \pm SEM of two patients (technically n=2 in each sample).

WS2-Trunk

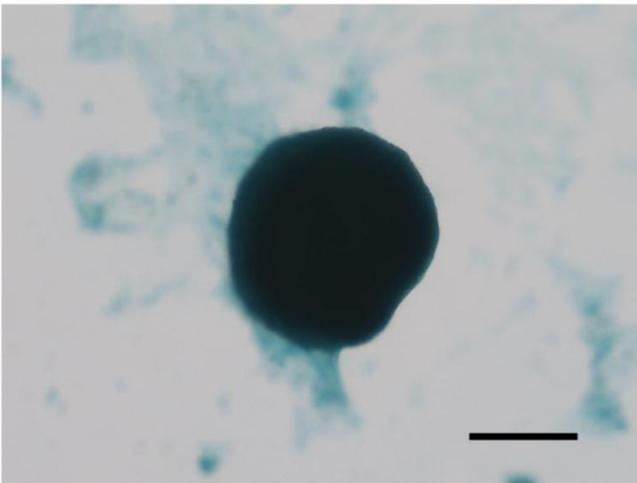


WS2-Foot

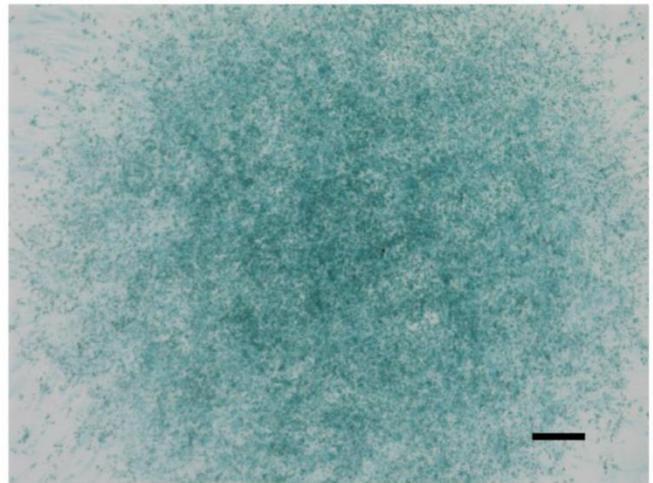


Supplementary Figure 3. Representative images of Oil red O staining two weeks after induction of adipogenesis in the trunk and foot fibroblasts of WS2. Bar = 300 μ m.

WS2-Trunk

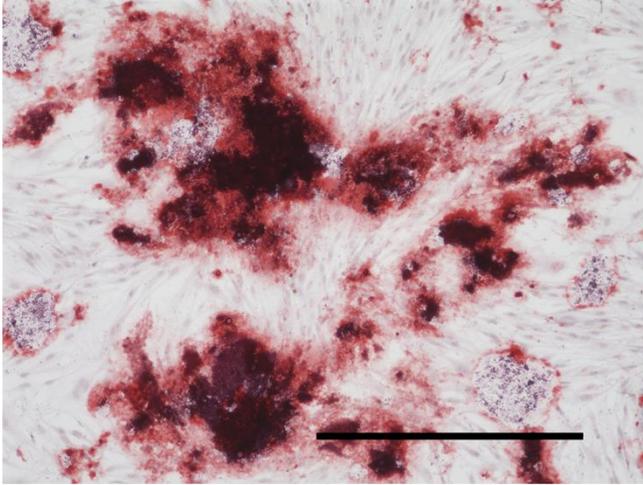


WS2-Foot

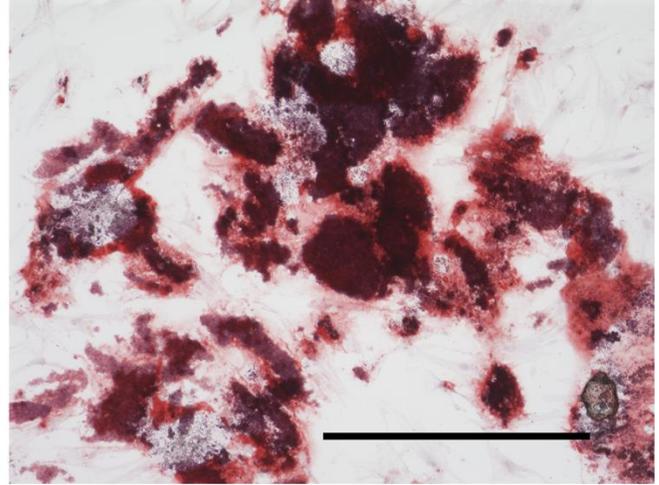


Supplementary Figure 4. Representative images of Alcian blue staining two weeks after induction of chondrogenesis in the trunk and foot fibroblasts of WS2. Bar = 300 μ m.

WS2-Trunk



WS2-Foot



Supplementary Figure 5. Representative images of Alizarin red staining two weeks after induction of osteogenesis in the trunk and foot fibroblasts of WS2. Bar = 300 μm .