

S3 Figure. Representative micrograph images of each isolate of fetal fibroblasts used for qRT-PCR. Fetal fibroblasts were grown on collagen type I coated plates and collected on the same day as the corresponding GREL cells for gene expression analysis. All 6 fibroblast samples were from passage 0. Gestational ages were (A) 51, (B) 56, (C) 73, (D, E) 110, (F) 127 and (G) 177 days. Bars:  $(A-F) = 100 \mu m$ .