

Supplemental figure legends

Figure 1: Inhibition of TGF β /Smad signaling in m/m MEF does not block premature senescence.

m/m MEFs were cultured in the presence or absence of 10 μ M SB431542 and subjected to SA- β -gal staining at P3 and P6 (Scale bar: 100 μ M, Top). The bottom panel showed efficient inhibition of Smad3 phosphorylation by SB431542. Tubulin was used as a loading control.

Figure 2: Oncogenic transformation of MEF.

A: Enlarged Fig. 8A. **B:** Enlarged Fig. 8C. **C:** Enlarged Fig. 8D. The scale bar for all panels is 5 μ M.