

Supplementary Table 1: Mouse Fibroblast Phenotypes

Abbreviation	Definition
JUN	Mice that ubiquitously express the reverse tetracycline transactivator (rtTA) from the Rosa26 locus and the tetracycline operator minimal promoter (tetOP). Upon administration of a tetracycline or tetracycline derivative such as doxycycline ('dox'), rtTA binds the tetOP promoter and induces JUN expression within all cells.
Control	Rosa26-rtTA mice have the rtTA construct but deficient of tetOP and thus serve as controls.
JUN-Fib	JUN mice that have been crossed with the offspring of ROSA26 ^{mT/mG} reporter mice crossed with α -SMA. ^{CreER} transgenic mice. Upon administration of tamoxifen, Cre recombinase removes the floxed Rosa26 ^{mT/mG} cassette, resulting in expression of targeted enhanced green fluorescent protein (eGFP) in α -SMA positive cells. The mice express JUN in α -SMA positive cells following doxycycline induction.
Control-Fib	JUN-Fib mice that have been induced with tamoxifen without doxycycline.
JUN-Col 1	JUN mice that have been crossed with the offspring of ROSA26 ^{mT/mG} reporter mice crossed with Col 1. ^{CreER} transgenic mice. Upon administration of tamoxifen, Cre recombinase removes the floxed Rosa26 ^{mT/mG} cassette, resulting in expression of targeted enhanced green fluorescent protein (eGFP) in Col 1 positive cells. The mice express JUN in Col 1 positive cells following doxycycline induction.
Control-Col 1	JUN-Col 1 mice that have been induced tamoxifen without doxycycline.