

Table S1 All primer sequences used for qRT-PCR

Gene name	Forward primer	Reverse primer
miR-130b-5p	GGCACTCTTCCCTGTTGC	ACTGCAGGGTCCGAGGTATT
U6	CTCGCTTCGGCAGCACATATACT	ACGCTTCACGAATTTGCGTGTC
E2F1	GAGAAGTCACGCTATGAAACCTC	CCCAGTTCAGGTCAACGACAC
TGFBR3	GGTGTGAACTGTCACCGATCA	GTTTAGGATGTGAACCTCCCTTG
β -actin	GGCTGTATTCCCCTCCATCG	CCAGTTGGTAACAATGCCATGT

Table S2. Antibodies employed in the western blotting, IHC and IF assay

Antibody	Species	Company
anti-CD31	Rabbit	Abcam
anti-CD9	Rabbit	Proteintech
anti-CD63	Rabbit	Signalway
anti-COLI	Rabbit	Proteintech
anti-GAPDH	Mouse	Proteintech
anti-HSP70	Rabbit	Proteintech
anti-MMP1	Rabbit	Proteintech
anti-p-SMAD2	Rabbit	Abclonal
anti-p-SMAD3	Rabbit	Abclonal
anti-SMAD2	Rabbit	Abclonal
anti-SMAD3	Rabbit	Abclonal
anti-TGFBR3	Rabbit	Abclonal
anti-TGF-β1	Rabbit	Bioss
anti-α-SMA	Mouse	Boster Bio
anti-β-actin	Mouse	Proteintech
goat anti-mouse IgG	Goat	Proteintech
goat anti-rabbit IgG	Goat	Proteintech

Figure S1. The PPI network maps of differentially expressed miRNAs between ADSC^{WT} and ADSC^{E2F1^{-/-}} and their target proteins.

