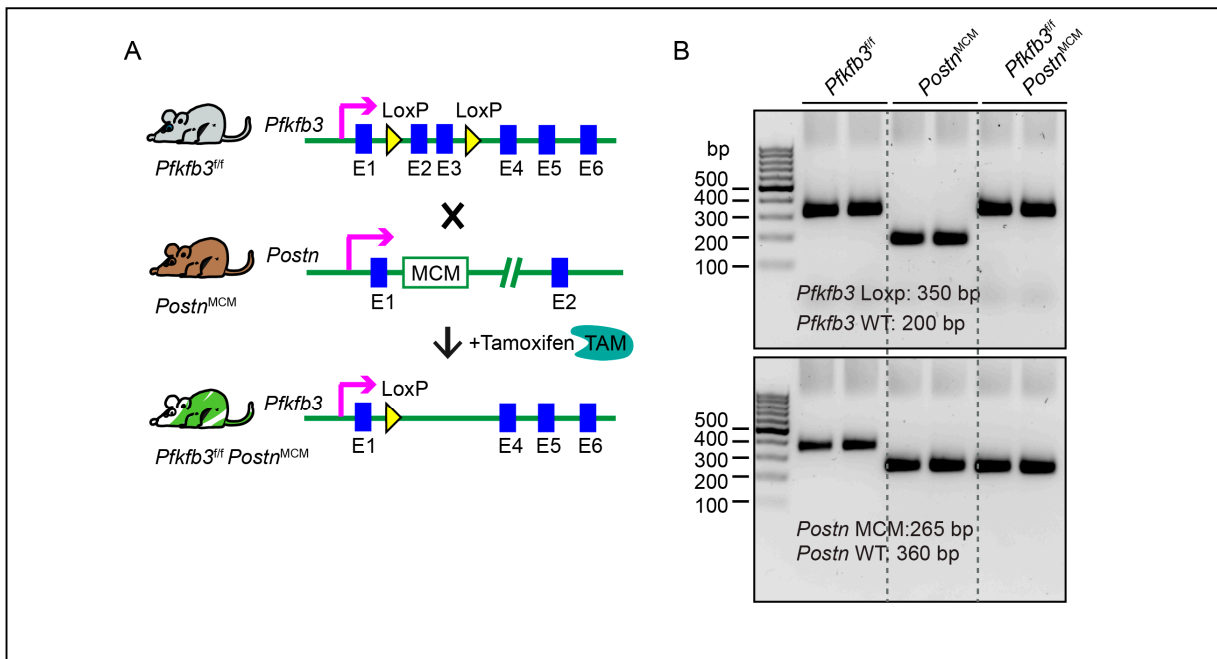


Supporting Figures



Supplementary Figure S1. Generation of myofibroblast-specific *Pfkfb3* deficient mice. **(A)** Schematic illustration of strategy to generate myofibroblast-specific *Pfkfb3* deficient mice. **(B)** Representative genotyping results for *Pfkfb3*^{f/f} *Postn*^{MCM} and *Postn*^{MCM} mice.

Supporting Tables

Supplementary Table S1. Primers used for genotyping of murine strains.

Genotyping	Forward (5'-3')	Reverse (5'-3')
<i>Pfkfb3</i> flox	GGAGTGGCCATTAGGTGGGGTT	CCAGCTTGGGCTACGCATTTAGTT
<i>Postn</i> MCM	TCTGTAAGGCCATCGCAAGCT	AATAAGTAAACAGCTCCCCCT
	GGTGGGACATTTGAGTTGCT	

Supplementary Table S2. Primers used for Quantitative RT-PCR.

Gene (Mouse)	Forward (5'-3')	Reverse (5'-3')
<i>18S</i> ribosomal	CTTAGAGGGACAAGTGGCG	ACGCTGAGCCAGTCAGTGTA
<i>Pfkfb3</i>	GATCTGGGTGCCCCGTCGATCACCG	CAGTTGAGGTAGCGAGTCAGCTTC
<i>Acta2</i>	ATGCTCCCAGGGCTGTTTTCCCAT	GTGGTGCCAGATCTTTTCCATGT CG
<i>Collagen 1</i>	CCTCAGGGTATTGCTGGACAAC	CAGAAGGACCTTGTTTGCCAGG
<i>Collagen 3</i>	GACCAAAAGGTGATGCTGGACAG	CAAGACCTCGTGCTCCAGTTAG
<i>Mmp2</i>	CGGAAAGTGGAATCCTTGCCAGG	AGCAGTGAGGTCAGGCTTGGA
<i>Mmp9</i>	TTGAAGTCTCAGAAGGTGGAT	GCAGGAGGTCGTAGGTCAC
<i>Fn</i>	CCCTATCTCTGATACCGTTGTCC	TGCCGCAACTACTGTGATTCGG
Gene (Rat)	Forward (5'-3')	Reverse (5'-3')
<i>Pfkfb3</i>	CCAGCCTCTTGACCCTGATAAATG	TCCACACGCGGAGGTCCTTCAGAT
<i>Acta2</i>	GGAGATGGCGTGACTCACAA	AAGCACTGATGACGACTCGC
<i>Fn</i>	ACACGGTTTCCCATTACGCCAT	AATGACCACTGCCAAAGCCCAA

Supplementary Table S3. Antibodies used for Western blot and staining analysis.

Target protein	Company	Catalog #	Concentration
PFKFB3	Abcam	ab181861	1:1000
ACTA2	Santa Cruz Biotechnology	sc-32251	1:1000
Fibronectin (FN)	Abcam	ab2413	1:1000
Collagen I (COL1)	Novus	NB600-408	1:1000
Vimentin	Cell Signaling Technology	5741	1:1000
PCNA	Santa Cruz Biotechnology	sc-56	1:1000

p-SMAD2	Cell Signaling Technology	3208S	1:1000
SMAD2	Cell Signaling Technology	3122S	1:1000
α -tubulin	Cell Signaling Technology	3873S	1:1000
β -actin	Santa Cruz Biotechnology	sc-47778	1:1000
Cyclophilin B	Cell Signaling Technology	43603	1:1000
Anti-mouse IgG, HRP-linked Antibody	Cell Signaling Technology	7076S	1:2000
Anti-rabbit IgG, HRP-linked antibody	Cell Signaling Technology	7074S	1:2000
ACTA2	Santa Cruz Biotechnology	sc-32251	1:100
Collagen IV (COL IV)	Abcam	ab6586	1:100
Collagen I (COL1)	Novus	NB600-408	1:100
Alexa Fluor 488-conjugated goat anti-mouse secondary antibody	Invitrogen	A11001	1:250
Alexa Fluor 594-conjugated goat anti-rabbit secondary antibody	Invitrogen	A11012	1:250