Figure S1: A: a representative figure of Western blotting. B: cell viability was checked by Annexin V assay by flow cytometry. C: cell cycle was detected by staining followed with flow cytometry analysis.

Figure S1

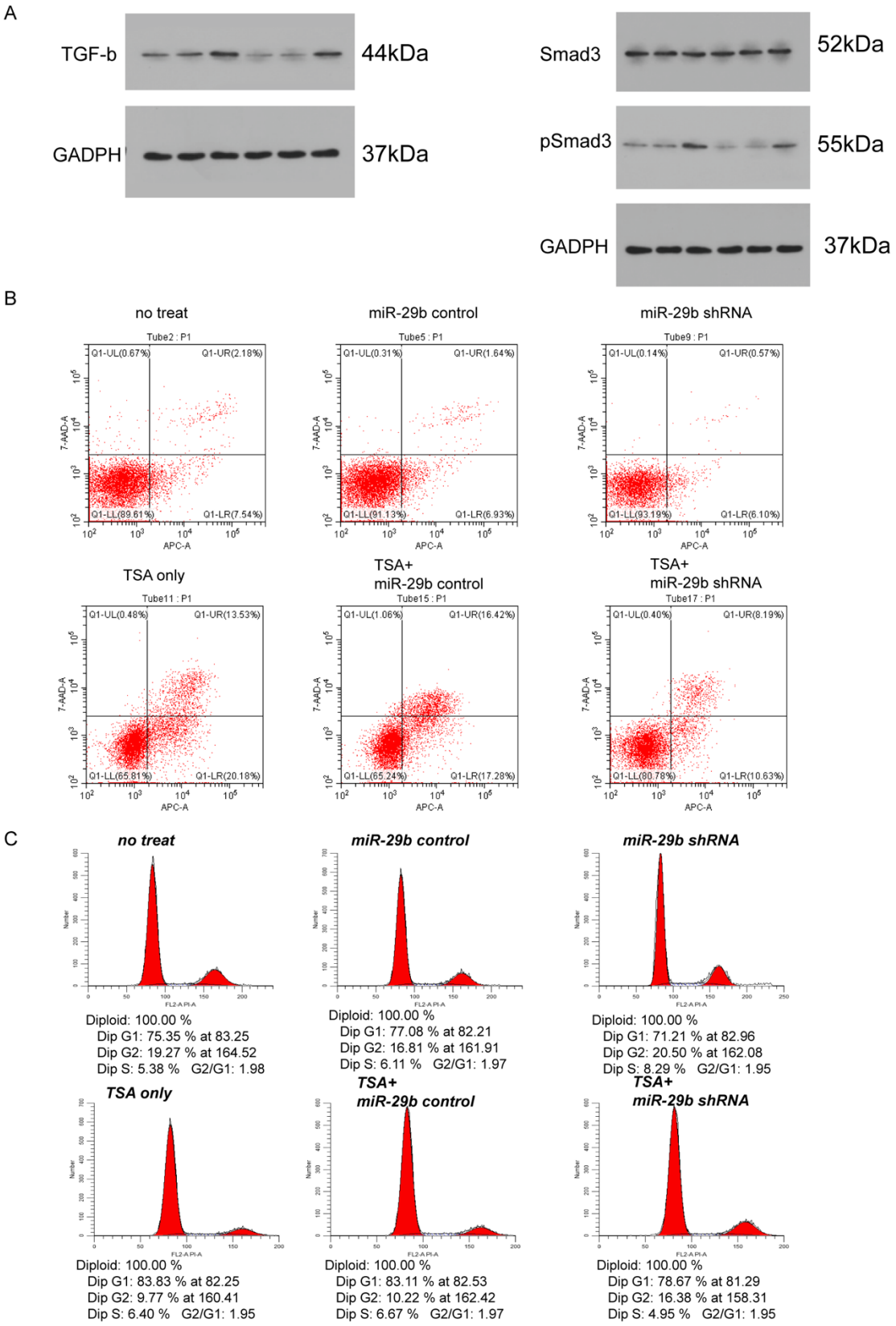

Figure S2: TUNEL assay was performed to look at the frequency of apoptotic analysis. The apoptotic cells were labelled in red and nucleus was in blue.

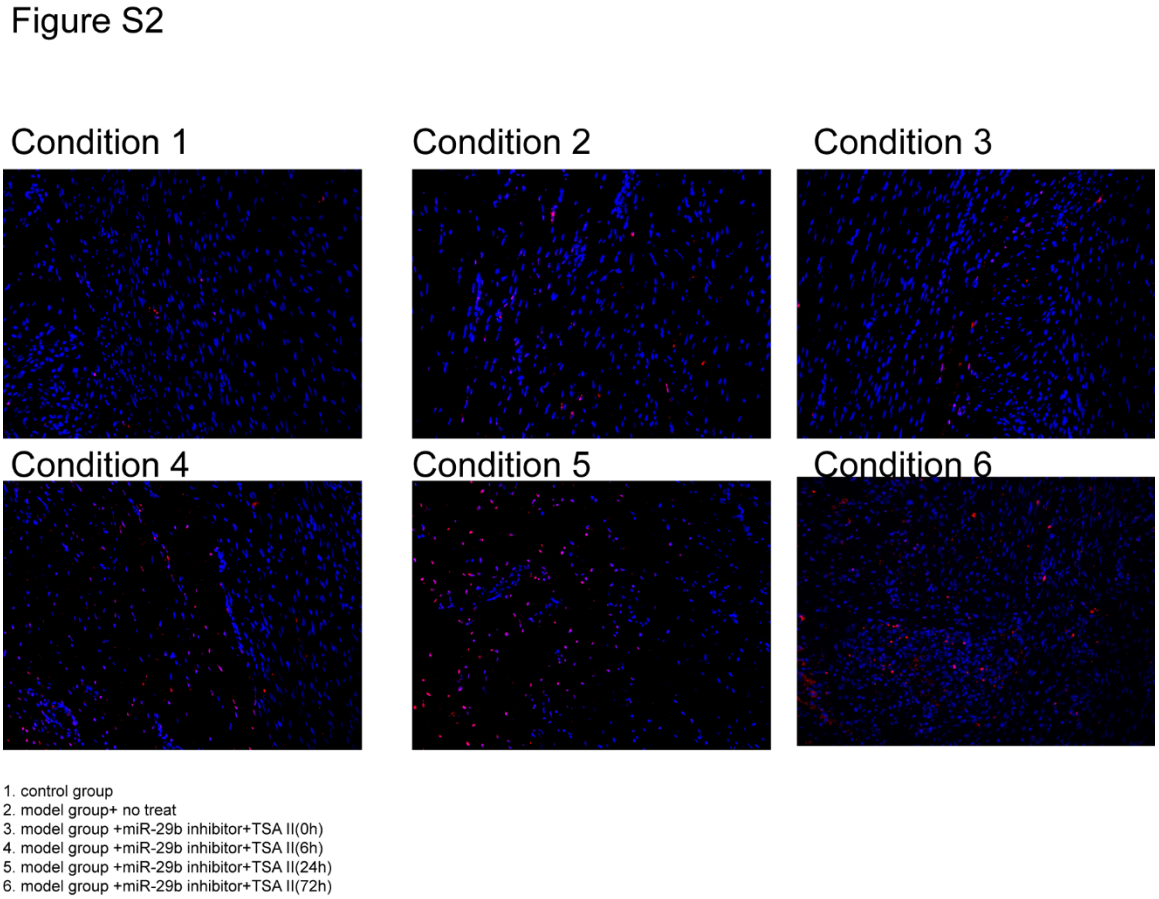

Figure S3: Analysis of tendon tissue on collagen I, III, and cyclin D protein expression under six different conditions.

Figure S3

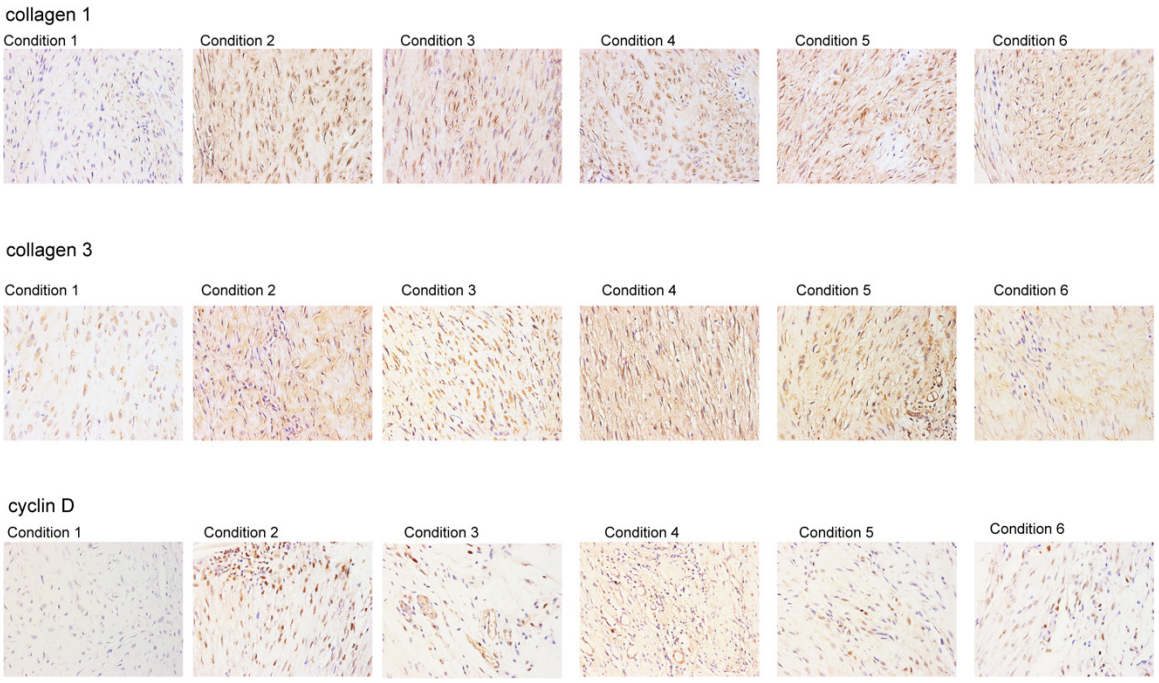

Table S1: primes used in this study

Primers in this study

Name	Primer	Sequence
U6	Forward	5‘- CGCTTCGGCAGCACATATAC -3’
	Reverse	5‘- AAATATGGAACGCTTCACGA -3’
rno-miR-29b	Forward	5‘- TGCGC TAGCACCATTTGAAATCA-3’
	loop primer	5‘- GTCGTATCCAGTGCAGGGTCCGAGG TATTCGCACTGGATACGACAACACT GA -3’

Rat GAPDH	Forward	5‘- ACAGCAACAGGGTGGTGGAC -3’
	Reverse	5‘- TTTGAGGGTGCAGCGAACTT -3’
Rat TGF-β1	Forward	5’- CACTCCCGTGGCTTCTAGTG-3’
	Reverse	5’- GGACTGGCGAGCCTTAGTTT-3’
Rat P21	Forward	5’-ACAGCAGGTCAAGAGGAGTA-3’
	Reverse	5’-CTGAGCCTGTTTCGTGTCTA-3’
Rat Smad3	Forward	5’-CCTCCAATTCAGAGCGCTTC-3’
	Reverse	5’-ATAGCACTGTCACTGAGGCA-3’