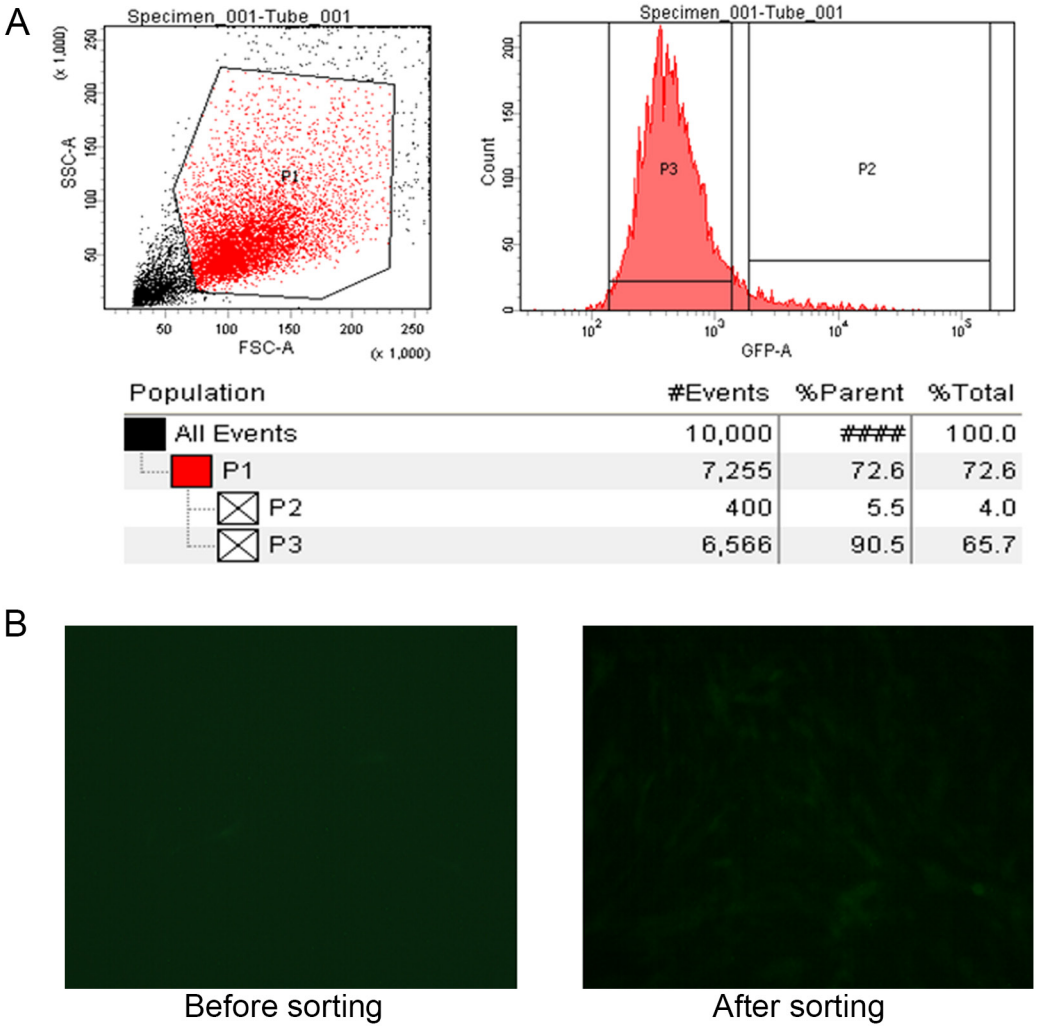
Tenomodulin highly expressing MSCs as a better cell source for tendon injury healing

SUPPLEMENTARY MATERIALS



Supplementary Figure 1: Selecting Tnmd highly expressing hMSCs by flow cytometry.

Supplementary Table 1: Sequences of primers for real time PCR

Gene name	*Forward primer sequence (5' to 3')*	*Reverse primer sequence (5' to 3')*
ACAN	GCGAGTTGTCATGGTCTGAA	GCCGGCCCAAGAGAGAA
Scx	CTGGCCTCCAGCTACATCTC	CGGTCCTTGCTCAACTTTCT
Tnmd	TGCTGTAGAAAGTGTGCTCCA	GATTTGTGGACTGGTGTTTGG
TNC	GGCTCTAGGGCTCTAGGGATT	CCTAGGTCTCTCGCCCATC
GAPDH	CGTAAAGACCTCTATGCCAACA	CGGACTCATCGTACTCCTGCT
FMOD	AGAAGTTCACGACGTCCACC	CAGCCTCCTTGAGCTAGACC
Col1	CACTGGTGATGCTGGTCCTG	CGAGGTCACGGTCACGAAC
GDF6	TGCACGTGAACTTCAAGGAG	CCCGCGTCGATGTATAGAAT
GDF7	TCATTCAGACGCTGCTCAAC	GTGTGCTCTCCCTCCTCTGA

Supplementary Table 2: Sequences of siRNA targeting GDF6 and GDF7

Gene	Sequence	
	Sense (5'-3')	Antisense (5'-3')
siGDF7-1	GCAGAGGAAAGAGAGCUUATT	UAAGCUCUCUUUCCUCUGCTT
siGDF7-2	CCACCAACCAUGCCAUCAUTT	AUGAUGGCAUGGUUGGUGGTT
siGDF7-3	CCAACAACGUUGUCUACAATT	UUGUAGACAACGUUGUUGGTT
siGDF6-1	CUGGUGGUAUUCACCAGAUTT	AUCUGGUGAAUACCACCAGTT
siGDF6-2	CCCAUCAGCAUUCUAUACATT	UGUAUAGAAUGCUGAUGGGTT
siGDF6-3	CGGGCAAUAAUGUGGUCUATT	UAGACCACAUUAUUGCCCGTT

Supplementary Data: RPKM result of RNAseq

See Supplementary File 1