

Supplementary Table 1 Oligonucleotide sequences used for quantitative polymerase chain reaction of human mesenchymal stem cells-recombinant limbs

Gene	Human sequence, 5' to 3'
<i>Gdf5</i>	Fw. TCCAGACCCTGATGAACTCC Rv. TCCACGACCATGTCCTCATA
<i>Sox9</i>	Fw. AACAAAGCCACACGTCAAGC Rv. TCTTCTCGCTCTCGTTCAGC
<i>Col2a1</i>	Fw. TCCAGATGACCTTCCTACGC Rv. AGCTGCTTCGTCCAGATAGG
<i>Acan</i>	Fw. CAAGTGGTTCCTGGTGTGG Rv. GCTCGGTGGTGA ACTCTAGG
<i>Mkx</i>	Fw. CGTATTGGAAGGAGATCAACG Rv. GGACGACTTCTGGATGATGC
<i>Scx</i>	Fw. GCACCAACAGCGTGAACA Rv. GGTGCGAGATGTAGCTGGAG
<i>Hif1a</i>	Fw. GAAGGTATTGCACTGCACAGG Rv. AGCACCAAGCAGGTCATAGG
<i>Runx2</i>	Fw. TTCTCCAACCCACGATGCA Rv. GGTGTGGTAGTGAGTGGTGG
<i>Rpl13</i>	Fw. AGATTGATCGCCGTTCTGGT Rv. CAGCAAAGCGACCCAAAGG

Mhc Fw. AGGACGGTTCTCACACCATC
Rv. GATGTAATCCTTGCCGTCGT

Acan: Aggecan; Col2a1: Collagen type 2 alpha 1; Fw.: Forward; Gdf5: Growth differentiation 5; Hif1 α : Hypoxia-inducible factor 1 alpha; Mhc; Major histocompatibility complex; Mx: Mohawk; ND: Not detected; Scx: Scleraxis; Sox9: SRY-box transcription factor 9; Rev.: Reverse; Rpl13: Ribosomal protein L13; Runx2: Runt-related transcription factor 2.