

Supplementary Data

Supplementary Table S1. RT-qPCR Primers

Function	Gene	Primer nucleotide sequence
Housekeeping genes	ACTB	Forward 5' GAGCGGGAATCGTCC GTGAC 3'
		Reverse 5' GTGTTGGCGTAGAGGTC CTTGC 3'
	GAPDH	Forward 5' CCTTCATTGACCTTCACT ACATGGTCTA 3'
		Reverse 5' TGAAGATGGTGATGGC CTTCCATTG 3'
Chondrogenic markers	sox9	Forward 5' CATGAAGATGACCGACG AG 3'
		Reverse 5' CGTCTTCCGTGTCGGA 3'
	Aggrecan	Forward 5' CACTGTTACCGCCACTT CCC 3'
		Reverse 5' GACATCGTTCCTACTCGC CCT 3'
	col2 α 1	Forward 5' ATCCATTGCAAACCCAA AGG 3'
		Reverse 5' CCAGTTCAGGTCTCTTAG AG 3'
Hypertrophic marker	colX α 1	Forward 5' CATGCTGCCACAAACAGC 3' Reverse 5' TGGATGGTGGCCTTTTA 3'
Osteogenic markers	runx2	Forward 5' TTACAGACCCCAAGGCA GGCACA 3'
		Reverse 5' TCCATCAGCGTCAACAC CATCA 3'
	Osteocalcin	Forward 5' TGACAGACACCCATGA GAACCC 3'
		Reverse 5' AGCTCTAGACTGGGCCGT AGAAG 3'
col1 α 1	Forward 5' TGCTGGCCAACCATGCC TCT 3'	
	Reverse 5' CGACATCATTGGATCCTT GCA G 3'	

ACTB, β -actin; GAPDH, glyceraldehyde-3-phosphate dehydrogenase; RT-qPCR, quantitative reverse transcription polymerase chain reaction.

