

**Supplementary Table S1 Primers used to amplify the transcripts during quantitative real-time PCR analysis.**

Gene	Forward primer 5' to 3'	Reverse primer 5' to 3'
Endosialin	ACAGATGAGTGCCAGATT	TCCCTCGCTACAATAACA
PDGFR $\alpha$	CGTGCTAAGGAAGAAGAC	CAGAATGGATGAAGGAACT
NGFR	AACCTCATCCCTGTCTAT	CCTCTTGAAGGCTATGTAG
Nestin	GAAGAGGACCAGAGTATT	TTCAAGAGTTCTCAATGTC
LHCGR	CAGCCACTGCTGTGCTTTTA	CACTCTCAGCAAGCATGGAA
SF-1	GAGAGCCAGAGCTGCAAGAT	CTTGACATCGGCCCAAAC
STAR	AAGAGGGCTGGAAGAAGGAG	TCTCCTTGACATTGGGGTTC
HSD3 $\beta$	GCCTGTTGGTGAAGAGAAG	GCAGGCTCTTTTCAGGAATG
FABP4	ACTGGGCCAGGAATTTGACG	CTCGTGGAAGTGACGCCTT
PPAR $\gamma$	AGGAGCAGAGCAAAGAGG	TTGGTCGTTCAAGTCAAGAT
ALP	AGCACTCCCACTTCATCTGGAA	GAGACCAATAGGTAGTCCACATTG
RUNX2	AGAAGGCACAGACAGAAGCTTGA	AGGAATGCGCCCTAAATCACT
COL2A1	GGCAATAGCAGTTTACGTACA	CGATAACAGTCTTGCCCCACTT
ACAN	TGCATTCCACGAAGCTAACCTT	GACGCCTCGCCTTCTTGAA
GAPDH	TTGAGGTCAATGAAGGGGTC	GAAGGTGAAGGTCGGAGTCA

ACAN, aggrecan; ALP, alkaline phosphatase; COL2A1, collagen type 2 alpha 1 chain; FABP4, fatty acid-binding protein 4; HSD3 $\beta$ , hydroxysteroid dehydrogenase 3 $\beta$ ; NGFR, nerve growth factor receptor; PDGFR $\alpha$ , platelet-derived growth factor receptor  $\alpha$ ; PPAR $\gamma$ , peroxisome proliferator activated receptor- $\gamma$ ; RUNX2, runt-related transcription factor 2; SF-1, steroidogenic factor 1; STAR, steroidogenic acute regulatory protein.