

Gene	Primer sequences	Annealing Temperature	Size	Detection	Source
HOUSEKEEPING GENES					
B-2Microglobulin	F:CTCGCGCTACTCTCTCTTTCTG R:GCTTACATGTCTCGATCCCACT	55°C	335 pb	RT-PCR QRT-PCR	-
MESENCHYMAL STEM CELLS GENES					
CD90	F: CGCTCTCCTGCTAACAGTCTT R: CAGGCTGAACCTGACTGGA	60°C	142 pb	QRT-PCR	-
CD73	F: CTTAACGTGGGAGTGGAAAC R: TCTAGCTGCCATTTGCACAC	60°C	102 pb	QRT-PCR	-
CD105	F: CTAAGTGGCAGGGGAGACAG R: CTCCATGTGGCAGGAGCTA	60°C	101 pb	QRT-PCR	-
CD166	F: ATTGAAGTTTTATTGGCAGGAA R: GGCTTAGCCATGCAAAACA	60°C	102 pb	QRT-PCR	-
CD13	F: CTCTCGATGGACAATGAACG R: ATCTGCTGCCCTGTTGATTC	60°C	100pb	QRT-PCR	-
HEMATOPOIETIC STEM CELLS GENES					
CD14	F: TCCAAGACAGAATAATGAATGGAC R: CGAAAAGTCCCTCAACGTCCT	60°C	76 pb	QRT-PCR	-
CD34	F: TCTGGATCAAAGTAGGCAGGA R: GATCCAGCCTCAGAGGAAGA	60°C	96 pb	RT_PCR	-
DIFFERENTIATION ASSAY GENES					
LPL	F:CAAAGCCCTGCTCGTGCTGA R:CAGCCAGTCCACCACAATGA	60°C	334 pb	RT_PCR	-
ADIPONECTIN	F:TCCTTACAGAACACGCTTTCA R:AGGCCACAGAACGAGAG	60°C	501 pb	RT_PCR	-
FABP4/AP2	F: AATGGGATGGAAAATCAACCA R:GTGGAAGTGACGCCTTTCAT	60°C	88 pb	RT_PCR	-
PPARgamma	F:TCAGCGGGAAGGACTTTATGTATG R:TCAGGTTTGGCCGGATGC	60°C	147 pb	RT_PCR	-
PLIN	F:GCAGTCAACAAAGCCCTCAC R:AAGCTACTGGCGCTCTGCAC	60°C	200 pb	RT_PCR	-
SREBF1/ADD1	F:GGAGCCATGGATTGCACITTC R:ATCCTTCAATGGAGTGGGTGCAG	60°C	261 pb	RT_PCR	-
LEPTIN	F: AATGCATTGGGGAACCCGT R: CCAGTCTGTTGGATATTTGG	60°C	305 pb	RT_PCR	-
Aggrecan variant 1 (AG1). Cartilage differentiation	F: GCAGAGACGCATCTAGAAATT R: GGTAAATGCAGGGAACATCAT	55°C	502 pb	RT_PCR	Zuk <i>et al.</i> , 2002
Aggrecan variant 2 (AG2). Cartilage differentiation	F:GCAGAGACGCATCTAGAAATT R:GGTAATTCAGGGAACATCAT	55°C	616 pb	RT_PCR	Zuk <i>et al.</i> , 2002
Decorin (DEC). Cartilage differentiation	F: CCTTTGGTGAAGTTGGAACG R: AAGATGTAATCCGTAAGGG	55°C	306 pb	RT_PCR	Zuk <i>et al.</i> , 2002
Biglycan. Cartilage differentiation	F: TGCAGAACAACGACATCTCC R: AGCTTGGAGTAGCGAAGCAG	55°C	346 pb	RT_PCR	Zuk <i>et al.</i> , 2002
Collagen type X alpha1 (CN10). Cartilage differentiation.	F: TGGAGTGGGAAAAAGAGGTG R: GTCCTCCAACCTCAGGATCA	55°C	599 pb	RT_PCR	Zuk <i>et al.</i> , 2002