

**Supplementary Table 1.** Primer sequences used for qRT-PCR.

<b>Gene</b>	<b>Primer</b>	<b>Primer sequence</b>
<b>GAPDH</b>	sense	5'- GAAGGTGAAGGTCGGAGTC -3'
	antisense	5'- GAAGATGGTGATGGGATTTC - 3'
	probe	5'- GAAGCTTCCCGTTCTCAGCC - 3'
<b>Collagen 1</b>	sense	5'- TGAAAACATCCCAGCCAAGAA - 3'
	antisense	5'- AAAGTGGCTGCCAGCATTG - 3'
<b>ALP</b>	sense	5'- CCTGGAGCTTCAGAAGCTCAA - 3'
	antisense	5'- ACTGTGGAGACACCCATCCC - 3'
<b>OCN</b>	sense	5'- GGGCTCCCAGCCATTGAT - 3'
	antisense	5'- CAAAGCCTTTGTGTCCAAGCA - 3'
<b>Nanog</b>	sense	5'- ATGCCTCACACGGAGACTGT - 3'
	antisense	5'- AAGTGGGTTGTTTGCCTTTG - 3'
<b>Oct3/4</b>	sense	5'- GGTGGAGAGCAACTCCAATG - 3'
	antisense	5'- TCTGCAGAGCTTTGATGTCC - 3'
<b>DMP1</b>	assay (Life Technologies)	# Hs00189368_m1
<b>MEPE</b>	assay (Life Technologies)	# Hs00220237_m1