

**Supplementary table 1.**

<b>Gene name (protein name)</b>	<b>Forward</b>	<b>Reverse</b>
<i>Cdkn2a</i> (p16 <sup>Ink4a</sup> )	GAGCAGAACGATAGGGCTTG	CATGTGCCCTCTCCTCCTAA
<i>ALCAM</i> (CD166)	TTCCAGAACACGATGAGGCA	GGACAACCTAGGACAGTTTCTCT
<i>GJA1</i> (Cx43)	ACATGGGTGACTGGAGCGCC	ATGATCTGCAGGACCCAGAA
<i>HPRT-1</i> (HPRT-1)	TTGAGTTTGGAAACATCTGGAG	GCCCAAAGGGAACTGATAGTC
<i>IL-1β</i> (IL-1β)	CGAATCTCCGACCACCACTAC	TCCATGGCCACAACAACACTGA
<i>IL-6</i> (IL-6)	TGTAGCCGCCCCACACA	GGATGTACCGAATTTGTTTGTA
<i>MMP-3</i> (MMP-3)	CCCTGGGTCTCTTCACTCA	GCTGACAGCATCAAAGGACA
<i>MMP-13</i> (MMP-13)	GGTTCCTGATGTGGGTGAAT	AGAAGTCGCCATGCTCCTTA
<i>CDH2</i> (N-cadherin)	TATTTCCATCCTGCGTGTGA	GCGTTTCATCCATACCACAA
<i>PTGS2</i> (COX-2)	CTTCACGCATCAGTTTTTCAAG	TCACCGTAAATATGATTTAAGTCCAC
<i>TWIST1</i> (Twist-1)	CATGTCCGCGTCCCCTACTA	CACGCCCTGTTTCTTTGAAT
<i>VIM</i> (Vimentin)	ACTTTGCCGTTGAAGCTG	AATCCAGATTAGTTTCCCTCAGGT