

**Table 1: Primer nucleotide sequences of the tested transcripts**

Function	Transcript	Forward	Reverse
<i>HA receptor</i>	<b>CD44</b>	CGT GGA ATA CAC CTG CAA AG	CGG ACA CCA TGG ACA AGT TT
<i>Trophic</i>	<b>IL6</b>	TCT CCA CAA GCG CCT TCG	CTC AGG GCT GAG ATG CCG
<i>Anti-inflammatory</i>	<b>COX2</b>	ATA AGC GAG GGC CAG CTT TC	CGC AGT TTA CGC TGT CTA GC
<i>Chondrogenic</i>	<b>SOX9</b>	ATG CAA GCA TGT GTC ATC CA	AGG TCT GTC AGT GGG CTG AT
<i>Joint lubricant</i>	<b>PRG4</b>	AGG CCC CAT GTG TTC ATG C	GCG CAA AGT AGT CAG TCC ATC T
<i>HA fragments receptor?</i>	<b>TLR4</b>	TGA GCA GTC GTG CTG GTA	CAG GGC TTT TCT GAG TCG
<i>HA receptor</i>	<b>ICAM1</b>	AGG GTA AGG TTC TTG CCC AC	TGA TGG GCA GTC AAC AGC TA
<i>Proliferation</i>	<b>CYCLIND1</b>	ACC TGG ATG CTG GAG GTC T	GCT CCA TTT GCA GCA GCT C
<i>Pro-inflammatory</i>	<b>NFKBIA</b>	TCA TGG ATG ATG GCC AAG T	GTC AAG GAG CTG CAG GAG AT
<i>Angiogenic, chemotactic</i>	<b>CXCL8</b>	AAA TTT GGG GTG GAA AGG TT	TCC TGA TTT CTG CAG CTC TGT
<i>Chondrolysis</i>	<b>MMP3</b>	CAA AGC TTC AGT GTT GGC TG	GGC CAG GGA TTA ATG GAG AT
<i>Chondrogenic</i>	<b>ACAN</b>	ACT CTG GGT TTT CGT GAC TCT	ACA CTC AGC GAG TTG TCA TGG
<i>Angiogenic, chondrolysis</i>	<b>VEGFA</b>	CTA CCT CCA CCA TGC CAA GT	AGC TGC GCT GAT AGA CAT CC
<i>Anti-inflammatory</i>	<b>PDL1</b>	TCA ATG CCC CAT ACA ACA A	TGC TTG TCC AGA TGA CTT CG
<i>Anti-inflammatory</i>	<b>PDL2</b>	GTA CAT AAT AGA GCA TGG CAG CA	CCA CCT TTT GCA AAC TGG CTG T
<i>Anti-inflammatory, trophic</i>	<b>HGF</b>	TGG TTT TAA TGA AGC TTG CCA G	GAG ATG TGC CAC TCG TAA TAG G
<i>Anti-inflammatory Chondrogenic</i>	<b>TGFβ</b>	ACT GCG GAT CTC TGT GTC AT	AGT AGT GTT CCC CAC TGG TCC
<i>Anti-inflammatory</i>	<b>TSG6</b>	AGC ACG GTC TGG CAA ATA CA	ATC CAT CCA GCA GCA CAG AC
<i>Anti-inflammatory</i>	<b>IDO</b>	GCC CTT CAA GTG TTT CAC CAA	CCA GCC AGA CAA ATA TAT GCG A
<i>Chondrogenic</i>	<b>COL2A1</b>	GTC CTC TGC GAC GAC ATA ATC	CCT TGA TGT CTC CAG GTT CTC C
<i>Anti-inflammatory</i>	<b>IL1RA</b>	AGC ATG AGG CTC AAT GGG TA	AAA TCC AGC AAG ATG CAA GC
<i>Anti-inflammatory</i>	<b>IL10</b>	CGAGATGCCTTCAGCAGAGT	CGCCTTGATGTCTGGGTCTT
<i>Pro-inflammatory</i>	<b>TNF</b>	GCC AGA GGG CTG ATT AGA GA	TCA GCC TCT TCT CCT TCC TG
<i>Pro-inflammatory</i>	<b>CXCL13</b>	CAA TGA AGC GTC TAG GGA TAA AG	CAG TCC AAG GTG TTC TGG
<i>Chondrolysis</i>	<b>MMP13</b>	TCA CCA ATT CCT GGG AAG TCT	TCA GGA AAC CAG GTC TGG AG
<i>Housekeeping Gene</i>	<b>B2M</b>	CTC CGT GGC CTT AGC TGT G	TTT GGA GTA CGC TGG ATA GCC T

Interleukin 6, IL6; sex determining region Y-box 9, SOX9; Proteoglycan 4, PRG4; Toll-like receptor 4, TLR4; Intercellular adhesion molecule 1, ICAM1; Twist-related protein 1, TWIST1; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha, NFKBIA; Interleukin 8, CXCL8; matrix metalloproteinase-3 and 1, MMP-3 and -13; Aggrecan, ACAN; Vascular endothelial growth factor alpha, VEGFA; Programmed death-ligand 1 and 2, PDL1 and PDL2; Hepatocyte growth factor, HGF; Transforming growth factor beta, TGFβ; Tumor necrosis factor-inducible gene 6 protein, TSG6; indoleamine 2,3-dioxygenase, IDO; Collagen type II alpha 1, COL2A1; Tumour necrosis factor alpha; TNF; chemokine ligand 13, CXCL13.