

**Table 1.** Primers designed for qRT-PCR analysis\*

Target genes	Acc. No.	Sequence (5'---3')	Amplicon size (bp)
<b>Rabbit chondrocyte growth and phenotype related genes</b>			
<i>ACAN</i>	XM_002723376	FWD: GGATGGACACCCCCTACAA REV: AGGGGACGTCATTCCACTC	122
<i>Col1-a1</i>	XM_017348831.1	FWD: TGCCCAGAAGAAGTGGTACA REV: AAGCCATCGGTCATGCTCTC	81
<i>Col2-a1</i>	NM_001195671	FWD: GACGACATAATCTGTGAAGACACC REV: GTTCTCCTTTCTGCCCTTTG	133
<i>CTNNA1</i>	XM_002713075	FWD: ATGACTCGAGCTCAGAGGGT REV: TCGTGTTCAGCATTTGGG	144
<i>IL-1<math>\beta</math></i>	NM_001082201.1	FWD: GGTGTTGTCTGGCACGTATG REV: GGCCACAGGTATCTTGTCGT	124
<i>Sox9</i>	XM_002719499	FWD: CTGGAGACTGCTGAACGAGAG REV: GGTAATTGTAGTCCGGGTGGT	98
<b>Rabbit cell death and destructive factors</b>			
<i>ADAMTS5</i>	XM_002716775.3	FWD: CCATGAGGAGCACTACGACG REV: ATATGGTCCCAACGTCTGCC	101
<i>Cas-3</i>	NM_001082117.1	FWD: GCATATTCCACAGCACCTGG REV: TGTCGCTACCTTCCGGTTCA	150
<i>FADD</i>	XM_008253090.2	FWD: GAAGTCACAGCTGGAATGGC REV: CCTGAACGCGTGGTTTCTTT	95
<i>MMP-13</i>	NM_001082037.1	FWD: CCTACACCGGCAAGAGTCAC REV: GGTGTTTATGGTTGGGGTCT	99
<i>TNF-a</i>	NM_001082263.1	FWD: ACAAGCCTCTAGCCACGTA REV: AGATGAGGTACAGCCCGTCG	147
<i>TNFR1</i>	XM_002712835.3	FWD: GGAAGTGTGAAAACGGCACC REV: TGTCATGGTCCACTGTGCAA	123
<i>TRADD</i>	XM_008257435.2	FWD: GTCGGACATCTACGCACAGC REV: ATCTTGAGCATTTGCACCACG	108
<b>Rabbit internal control-house-keeping gene</b>			
<i>GAPDH</i>	NM_001082253	FWD: AGGGCTGCTTTTAACTCTGG REV: ATGACCAGCTTCCCGTTCT	149
<b>Human death and destructive genes</b>			
<i>Cas-3</i>	XM_011532301.1	FWD: CCATTGTTTGTGGGAAATCG REV: GGAGGTGAAGGTGGAAGTGG	152
<i>FADD</i>	NM_003824.3	FWD: CTGGCTCGTCAGCTCAAAGT REV: GTTGCCTTCTCCTTCTCTGTG	128
<i>IL-1<math>\beta</math></i>	NM_000576.3	FWD: GCCCTAAACAGATGAAGTGCTC REV: GAACCAGCATCTTCCTCAG	156
<i>MMP-13</i>	NM_002427.3	FWD: TTGAGCTGGACTCATTGTCG	

		REV: CGCGAGATTTGTAGGATGGT	126
<i>TNFR1</i>	NM_001346091.1	FWD: CCATTGTTTGTGGGAAATCG	
		REV: GGAGGTGAAGGTGGAAGTGG	152
<i>TRADD</i>	XM_005256213.3	FWD: TTTGAGTTGCATCCTAGCCC	
		REV: GCACTTCAGATTCGCAGC	88
<b>Human internal control-house-keeping gene</b>			
<i>GAPDH</i>	NM_001289746.1	FWD: ACACCCACTCCTCCACCTTT	
		REV: TTACTCCTTGGAGGCCATGT	143

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\*These genes, from both rabbit and human, markedly fall into 2 categories, chondrocyte growth and phenotype defining genes, and cell death and destructive factors. *GAPDH* serves as an internal reference gene for quantitation.