

Table S2. primers for chondrocyte specific genes

Gene product	Primer
AGC79-for	TACTACTGGCGAGCACTGTAAC
AGC79-rev	CAGTGGCCCTGGTACTTGTT
ALP-for	AACACCACCCAGGGGAAC
ALP-rev	GGTCACAATGCCACAGATT
COL2A1-for	TGTCAGGGCCAGGATGTC
COL2A1-rev	ATCATTATACCTCTGCCCATCC
COL10A1-for	CACCTTCTGCACTGCTCATC
COL10A1-rev	GGCAGCATATTCTCAGATGGA
IHH-for	TGCATTGCTCCGTCAAGTC
IHH-rev	CCACTCTCCAGGCGTACCT
MMP13-for	CCAGTCTCCGAGGAGAAACA
MMP13-rev	AAAAACAGCTCCGCATCAAC
PTHr1-for	CCTGAGTCTGAGGAGGACAAG
PTHr1-rev	CACAGGATGTGGTCCCAT
SOX9-for	GTACCCGCACTTGCACAAC
SOX9-rev	TCGCTCTCGTTCAGAAGTCTC
VEGF22-for	CATTGGAGCCTTGCCTTG
VEGF22-rev	ATGATTCTGCCCTCCTCCTT
GAPDH-for	AGCCACATCGCTCAGACA
GAPDH-rev	GCCCAATACGACCAAATCC
COL1A1-for	GGGATTCCCTGGACCTAAAG
COL1A1-rev	GGAACACCTCGCTCTCCAG