

Species	Gene targets	Primer sequences	
Human	GDF-15	Forward	5' -TCAAGGTCGTGGGACGTGACA-3'
		Reverse	5' - GCCGTGCGGACGAAGATTCT- 3'
	IL-8	Forward	5'-GACCACACTGCGCCAACAC-3'
		Reverse	5'-CTTCTCCACAACCCTCTGCAC-3'
	COX-2	Forward	5'-CAGCACTTCACGCATCAGTTT-3'
		Reverse	5'-GCGCAGTTTACGCTGTCTA-3'
	IL-6	Forward	5'-GATGGCTGAAAAAGATGGATGC-3'
		Reverse	5'-TGGTTGGGTCAGGGGTGGTT-3'
	MMP-13	Forward	5'-TCCTCTTCTTGAGCTGGACTC-3'
		Reverse	5'-CGCTCTGCAAACCTGGAGGTC-3'
	TGF- β 1	Forward	5'-CGCATCCTAGACCCTTCTCCTC-3'
		Reverse	5'-GGTGTCTCAGTATCCCACGGAAAT-3'
	BMP-2	Forward	5'-ATGGATTCGTGGTGGAAAGTG -3'
		Reverse	5'-GTGGAGTTCAGATGATCAGC -3'
	FGF-2	Forward	5'-GGCTGTAGAACAAATGGCCT-3'
		Reverse	5'-AGCCAACTCGTAACAATCCA-3'
	HGF	Forward	5'-CCCCATCGCCATCCCCTATG-3'
		Reverse	5'-ACATCTATTAGCACATTGGTCTGCAGT-3'
	IL-1Ra	Forward	5'-AAGATGTGCCTGTCCTGTGTCAA-3'
		Reverse	5'-GTTCTCGCTCAGGTCAGTGATGTTA-3'
GAPDH	Forward	5'-ATGGGGAAGGTGAAGGTCG-3'	
	Reverse	5'-TAAAAGCAGCCCTGGTGACC-3'	
COL2	Forward	5'-GGCAATAGCAGGTTACGTACA-3'	

		Reverse	5'-CGATAACAGTCTTGCCCCACTT-3'
	Aggrecan	Forward	5'-ACTTC CGCTGGTCAGATGGA-3'
		Reverse	5'-TCTCGTGCCAGATCATCACC-3'
	SOX-9	Forward	5'-AGTACCCGCACTTGCACAA-3'
		Reverse	5'-CTCGTTCAGAAGTCT CCAGAGCTT-3'
Porcine	COX-2	Forward	5'-TTCAACCAGCAATTCCAATACCA -3'
		Reverse	5'- GAAGGCGTCAGGCAGAAG-3'
	MMP-13	Forward	5'-CTTGTTTCTTGTTGCTGCCC-3'
		Reverse	5'-GTTGGGGTCTTCATCTCCTG-3'
	GAPDH	Forward	5'-ATGGTGAAGGTCGGAGTGAA-3'
		Reverse	5'-AATGAAGGGGTCATTGATGG-3'
	COL2	Forward	5'-TGAGAGGTCTTCCTGGCAA-3'
		Reverse	5'-GAAGTCCCTGGAAGCCAGAT-3'
	Aggrecan	Forward	5'-CATCACCGAGGGTGAAGC-3'
		Reverse	5'-CCAGGGGCAAATGTAAAGG-3'