

Supplemental Table 1. Ovis Aries TaqMan Primer Sequences

Gene	Sequence	Primer/Probe
MMP-1	GCCATTCCCTTGGACTTGCTCAAT	Forward
	TGGATCCCATCAATGTCGTCCTGA	Reverse
	CCCAGTTACACCTTCAGTGGTGATGT	Probe
MMP-2	TCCAGAAGGTGGATGCTGCCTTTA	Forward
	ATCCAGGTTATCAGGGATGGCGTT	Reverse
	ACATCTTCGCTGGAGACAAATTCTGGAG	Probe
MMP-13	GTTTCCCATCTACACCTACACTGG	Forward
	GTAGAGAGACTGAATCCCGGAC	Reverse
	AGCCACTTTATGCTTCCTGACGATGAC	Probe
MT1-MMP	TCCAGGGACTCAAATGGCAGCATA	Forward
	AGATCATGATGTCGGCCTGCTTCT	Reverse
	ACATTTGAGGCCATCCGCAAGGCATT	Probe
TIMP-1	ACCTATGCTGCTGGTTGTGAGGAA	Forward
	GCAATGAGTGTCGCTCTGCAGTTT	Reverse
	TGCACAGTGTTTCCCTGCTCATCT	Probe
TIMP-2	CATGATCCCATGCTACATCTCCTC	Forward
	GATGTCCGTTGATGTTCTTCTCCG	Reverse
	ACGAGTGCCTCTGGATGGACTGGGT	Probe
TIMP-4	ATGTGGCAGCTTGTGTCTAG	Forward
	GTTTAGAGGCAGGGATAAAGGG	Reverse
	TGGCCCAACGTGTTCTGGACT	Probe
COL1A2	ATACGCGGACTTTGTTGCTGCTTG	Forward
	CCCTTCTTGCAAGTTGCCTCTTGT	Reverse
	TCACTTCGTGCCTAGCAACATGCCAA	Probe
COL3A1	CTGGAAGCCAGAACCATGCCAAAT	Forward
	TGGGCAAACCTGCACAACATTCTCC	Reverse
	TCAGGATCCGTTCTCTGCGATGACAT	Probe
SMAD-2	TGCACTATCACTTAGGCACTCG	Forward
	GAGAGGTTCTGCCTAGGTTTACTC	Reverse
	AGAAGACATATAGGAAGAGGAGTGCGCT	Probe
TGF- β 1	GACCCACAGAGAGGAAATAGAAGG	Forward
	GTTGATGTCCACTTGAAGCGTG	Reverse
	AGTGCCCACTGTTCTGTGACAGTAA	Probe

All primers were custom ordered through Integrated DNA Technologies (Coralville, IA).