

TABLE E-1 Oligonucleotide Primers for Murine Target Genes

Gene	Genbank #	Nucleotide Sequence (5'→3') ^a	Amplicon Size	Efficiency ^b
BMP-2	NM_007553	5'-CCATCAACTAGAAGCCGTGGA-3' 5'-TTCCCGGAAGATCTGGAGTTC-3'	130 bp	100%
BMP-3	XM_132204	5'-GCTGTTTTTCCCGGAACCTT-3' 5'-CGCTGTGAAATCTCGGTGTCT-3'	106 bp	120%
BMP-4	NM_007554	5'-CGAGCCAACACTGTGAGGAGTT-3' 5'-GGATGCTGCTGAGGTTGAAGA-3'	106 bp	95%
BMP-5	NM_007555	5'-ATGCGCATCGTCTGCACTTA-3' 5'-TGACCATGTCAGCATCATT CAG-3'	105 bp	124%
BMP-6	NM_007556	5'-ATGGCAGGACTGGATCATTGC-3' 5'-CTGTACAATGGCGTGGTTGGT-3'	112 bp	110%
BMP-7	NM_007557	5'-ACCCTTCATGGTGGCCTTCTT-3' 5'-TTGGCGTCTTGGAGCGATT-3'	101 bp	96%
BMP-8a	XM_109415	5'-CCCACTGGACTCCTGTATGAAC-3' 5'-AGAGGTGGCACTCAGTTTGGT-3'	121 bp	93%
Gremlin	AF045801	5'-GCGAGATTGGTGCAAACTC-3' 5'-GAGTTGCACTGGCCATAACAGA-3'	102 bp	109%
Noggin	U79163	5'-GCGGCCAGCACTATCTACACAT-3' 5'-AGCGTCTCGTTCAGATCCTTCT-3'	118 bp	94%
GAPDH	M32599	5'-GGCAAATTCAACGGCACAGT-3' 5'-GCCTCACCCCATTTGATGTT-3'	110 bp	100%

^aForward (sense) primer is listed first.

^bEfficiency of amplification, calculated as described in text.