

Table I.

Gene	Product size	Forward primer (5' ->3')	Reverse primer (5' ->3')	RCR program	Accession number
BMPR-II	1539 and 271 bp	CTGCACAGTGTGCTGAGGAAAG	TGAACTGCCCTGTTACTGCCA	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 2 min	NM033346
ActR-IIA	434 bp	GCAAAATGAATACGAAGTCTA	GCACCCTCTAATACCTCTGGA	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	M93415
ActR-IIB	550bp	ACACGGGAGTGCATCTACTACAACG	TTCATGAGCTGGGCCTTCAGACAC	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	NM_001106
TbR-II	587bp	TCACCTCCATCTGTGAGAAG	CTGAAGTGTCTGCTTCAGC	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	M85079
endoglin	648 bp	AAGTTTGTCTTGCGCAGTGCTT	GCGTGTGCGAGTAGATGTACCA	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	BC014271
betaglycan	955bp	CAAAGGACCCTGTCAATCCCA	CATCATGGCCAGATTATCGA	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	L07594
BMP-2	550bp	CCAGAAACGAGTGGGAAAAC	AAGTCCACGTACAAAGGGTG	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	NM_001200
TGF-b1	250bp	GACTTCCGCAAGGACCTCGGC	GCGCACGATCATGTTGGACAG	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	A23751
ALK-1	332bp	CTCTACGACTTCTGCAGAG	CCACTTGTAGGACTCAAAGC	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	Z22533
ALK-2	703bp	ATGTCTTTTAGCCTGCCTGCTG	ATCAAGCTGATTGGTGCTCTGG	35 cycles at 94°C for 15 sec, 60°C for 30 sec, 72 °C for 1 min	Z22534
ALK-3	400bp	TGATTTGGAACAGGATGAAGC	TGTAGCACATTCAGGAAGTC	35 cycles at 94°C for 15 sec, 60°C for 30 sec, 72 °C for 1 min	Z22535
ALK-5	544bp	TCGCCCTTTTATTTCAGAGGGTACT	ACAGCAAGTTCATTCTTCTTTACC	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	L11695
ALK-6	634bp	GCAGCACAGACGGATATTGT	TTTCATGCCTCATCAACACT	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	U89326
Smad1	300bp	TGCCACTCAACGCCACTTTT	TCATAAGCAACCGCCTGAACAT	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	U59423
Smad2	524 bp	CCCATCGAAAAGGATTGCCACA	TGCATGGAAGTTTCTCCAACC	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	AF027964
Smad3	416 bp	GGACGACTACAGCCATTCCA	TTCCGATGTGTCTCCGTGTCA	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	NM_005902
Smad4	714 bp	CTTTGAAATGGATGTTTCAG	CATCCTGATAAGGTTAAGGG	40 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	NM_005359
Smad5	319bp	ACGTCAATGGCCAGCTTGTT	TCCAACGGCTTTAGCTCATGA	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	NM_005903
b-actin	395bp	TGGCACCACACCTTCTACAATGAGC	GCACAGCTTCTCCTTAATGTCACGC	35 cycles at 94°C for 15 sec, 55°C for 30 sec, 68°C for 1 min	BC016045

