

TABLE E-I Primer Pairs and Oligonucleotide Probes Used in the Study*

Gene	Amplimer Size (bp)	Annealing Temp. (C)	Sense	Antisense	Probe	Accession
Aggrecan	510	58	CCTCACCCCAAGAATCAAGT	GGTGTCTCGGATTCCATAGG	AAGGTTGCTATGGTGACAAG	J03485
Angiopoietin-1	230	62	AAATATGAAGTCGGAGATGGCC	CATTTGTCTGTTGGAGAAGCTG	CCGTCTTGAAATCCAACCTGCT	AF030376
Angiopoietin-2	238	62	AGAGTACAAAGAGGGCTTCGG	TGGTTGGCTGATGCTACTGATT	ACAGGATTACCTTACAGGACT	AF030378
BMP-2	414	62	AACACCGTGCTCAGCTTCCAT	CCTCACATGTCTCTTGAGAC	CTTCCCACGCTTCTTCTTC	Z25868
BMP-6	318	62	TCCGCTCTTCATGCTGGATCT	CTTGAACCTCCTTGTTGGTGTCTG	CTGTCCAAGGACGACGAAGA	U66298
BMP-7	321	62	AGGTTTCATCTCCGTAGCATCC	GTACGGTGTCTGGGTTGATGA	CCGTATGTTAGCTTCCGAGAC	AF100787
Flk-1	530	62	CAAGAACAGAGCTCAACGTGG	GGTGGAACATTCACAACCAGAG	TCTTTGGTGGAAGCCACTGTG	U93306
Flt-1	529	62	GTGAAGCATCGGAAGCAACAG	TGACCATCATGCGCTGAGTGA	GCTATTCGGTGCATGGCTACT	D28498
Ihh	440	62	GGCCATCTCTGTCATGAACCA	CGATGACCTGGAAAGCTCTCA	CTCTGTCAAGTCTGAGCACTC	AF162914
iNOS	475	62	AATGGTTGGTACATGGGCACC	GCACAGAAGCAAAGAACACCG	CAACTACTCCTGGTGGAACAC	†
Noggin	239	64	AGATCAAAGGGCTGGAGTTCTC	CACAGACTTGATGGCTTACAC	AACGACCTAGGCAGCCGTTTT	U31203
Patched	530	58	AAGAAGGCGCTAATGTCCTG	CTCCTCCTGCCAATGCATAT	AAGTGACAGTTGGGAGGAA	AF079162
PTHrP	362	64	GGTGTTCTGCTCAGCTACTC	GTTTCCCCGGCTTGCCTTTCT	GCCGTTTCTTCTCCACCATC	M31603
Smoothened	585	60	AGTGTGAAAATGACCGAGTGG	CAGCCATCAAGGCATAGTACA	ACATGCACAGTTACATCGCAG	U84402
TGF- β 1	360	60	AATTCCTGGCGTTACCTTGGT	GCCGTACACAGCAGTTCTTC	CGCCTGAGTGGCTGTCTTTT	X52498
TGF- β -R-1	430	60	GCCTGCTTCTCATCGTGTG	TGGTGAATGACAGTGCGGTTA	ACAGGGGCAGTTACGTATTG	L26110
TGF- β -R-II	456	60	ATCAGCTCTACGTGCGCCAA	GTCCCTGTGAACAATGGGCA	CTCGTGGAACACGGAGAAGG	L09653
TGF- β -R-III	641	60	TTCTCTCTCCATACTCCAACC	TAGGCTGTGCTGCTGCTAGA	AACACCTCCCTGCTCTTCCT	M80784
VEGF	‡	62	GCTCTCTTGGGTGCACTGGA	CACCGCCTTGGCTTGTGACA	CATGGACGTCTACCAGCGCA	M32167

*Bp = base pairs. TGF- β -R-I, II, and III refer to the type-I, II, and III receptors for TGF- β . Accession refers to the entry in the GenBank database from which the primer pairs and probe were derived. Sequences not shown here were published in an earlier study²⁶. †The sense primer is from AJ230470, the antisense primer is from AJ230474, and the probe is from AJ230472. ‡Several isoforms are present. The nominal length is 561 bp.