

Supplement Table: Details of Primer Sequences, Expected Product Sizes and Annealing Temperatures for RT-PCR for Human TGF β Superfamily Receptors

Receptor (Alt. name)	Accession Number	Primer (region of Accession sequence)	Sequence	Product size	Anneal Temp	Ref
ALK1	Z22533	sense (1516-1532) antisense (1824-1806)	5'-ACCATCGTGAATGGCATC-3' 5'-GCAGGCAGAAAGGAATCAG-3'	308bp	57.5°C	
ALK2 (Act-RI)	Z22534	sense (114-134) antisense (624-604)	5'-GAGTGATGATTCTTCCTGTGC-3' 5'-TTGGTGGTGTGATGAGCCCTTCG-3'	511bp	53.8°C	(Alexander et al., 1996)
ALK3 (BMP-RIA)	Z22535	sense (860-881) antisense (1899-1875)	5'-CAAGCAGACGTCGTTACAATCG-3' 5'-TACATCTTGGGATTCAACCATC-3'	1040bp	56.2°C	
ALK4 (Act-RIB)	Z22536	sense (520-539) antisense (1418-1400)	5'-TCCAAAGACAAGACGCTCC-3' 5'-ATCATCTTCCCCATCACCC-3'	898bp	57.5°C	
ALK5 (TGF β -RI)	L11695	sense (1268-1288) antisense (1518-1501)	5'-CGTGCTGACATCTATGCAAT-3' 5'-AGCTGCTCCATTGGCATAAC-3'	250bp	57.5°C	(McCaffrey et al., 1999)
ALK6 (BMP-RIB)	D89675	sense (267-287) antisense (1067-1048)	5'-TCTCAGAGCTCAGGAAGTGGATC-3' 5'-CTGTCAGCCTTGATGCAGGATTG-3'	801bp	58.9°C	
Act-RII	D31770	sense (850-870) antisense (1284-1264)	5'-GCAAAATGAATACGAAGTCTA-3' 5'-GCACCCTCTAATACCTCTGGA-3'	434bp	56.2°C	(Alexander et al., 1996)1)
Act-RIIB	X77533	sense (80-100) antisense (354-334)	5'-ACACGGGAGTGCATCTACTAC-3' 5'-GGCAAATGAGTGAAGCGCTCG -3'	274bp	56.7°C	(Refaat et al., 2004)
BMP-RII	Z48923	sense (683-701) antisense (1473-1455)	5'-TAACTACCACTCCTCCCTC-3' 5'-CACCAGTCTATTTCCAGTC-3'	790bp	52.0°C	
TGF β -RII	M85079	sense (1050-1071) antisense (1707-1688)	5'-CCAACAACATCAACCACAACAC-3' 5'-TCATTTCCAGAGCACCAG-3'	677bp	61.8°C	
betaglycan	L07594	sense (1315-1334) antisense (1674-1655)	5'-CAAGGGAATCTGGTGAAGTG-3' 3'-CACCTCTTCTGGCTCTCTGA-3'	360bp	57.5°C	(Vanttinen et al., 2002)
endoglin	J05481	sense (1626-1645) antisense (2039-2020)	5'-CAAGACCGGGTCTCAAGACC-3' 5'-CTGGGTCGAGTGGAGGACTG-3'	414bp	58.9°C	(Diez-Marques et al., 2002)
β -actin	X00351	sense (888-910) antisense (1119-1098)	5'-ATGAAGTGTGACGTTGACATCCG-3' GCTTGCTGATCCACATCTGCTG-3'	232bp	53.8°C	

Reference List

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