

Supplementary Table 1. ACVR1 primers for genomic DNA PCR amplification.

Protein coding exon #	Forward primer	Reverse primer	PCR product size
Exon 1	5'-GGCAGTTTGAAGGTGGTATG-3'	5'-ACCCAAAAAGATGTGAGTCAC-3'	184bp
Exon 2	5'-ATATGAACACCACAGGGG-3'	5'-CCTTTCTGGTAGACGTGGAAG-3'	449bp
	5'-TTTTTCCCCTTCCTTCTCTC-3'	5'-CAGGGTGACCTTCCTTGTAG-3'	438bp
Exon 3	5'-AATTCCCCCTTTCCCTCCAAC-3'	5'-TAAGAACGTGTCTCCAGACACC-3'	300bp
Exon 4	5'-CCAGTCCTTCTCCTTCTTCC-3'	5'-AGCAGATTTCCAAGTTCCATC-3'	350bp
Exon 5	5'-TCCCAAGCTGAGTTTCTCC-3'	5'-AGAGCAAAGGCAGACAATTG-3'	346bp
Exon 6	5'-GACATTTACTGTGTAGGTCGC-3'	5'-AGAGATGCAACTCACCTAACC-3'	438bp
Exon 7	5'-TGGGGTTGGTTTAAAATCCTTC-3'	5'-AGGTAGCTGGATCAAGAGAAC-3'	337bp
Exon 8	5'-CACATTATAACCTGTGACACCC-3'	5'-ATACCAGTTGAAACTCAAAGGG-3'	299bp
Exon 9	5'-GTATTGCTGCTTTTGGCAC-3'	5'-CAGTCCCTACCTTTGCAAC-3'	700bp

Protein coding exon 1 contains the ATG protein start codon. The R206H mutation is in protein coding exon 4.