

Supplement Table S2: Primer sequences of *ACVRL1* used in Sanger sequencing and mutagenesis

mRNA	Primer	Forward (5'-3')	Reverse (5'-3')	Length, bp
NM_000020	c.77C>T	TTC AAGGTGTTGTCTGAGGG	GAGAGGAAAGGAGGGAAGGG	438
NM_000020	c.601C>A	AGAGGGGTCACCCAGAGATT	CGGTCCTGCAGAAAGAAGAA	423
NM_000020	c.643G>A	GTTCTTCTTTCTGCAGGACCG	GCTCCAGTGAGATTGCACCA	593
NM_000020	c.665A>C	GTTCTTCTTTCTGCAGGACCG	GCTCCAGTGAGATTGCACCA	593
NM_000020	c.676G>A	TAAGGGTCTGGGGTTCTGTG	AAGAGGTTGATGCTGCAGGT	397
NM_000020	C.955G>C	ACGACTCCAGCCTCCCTTAG	AGACAACCTCGTGGGGTCTTG	493
NM_000020	c.1120C>T	CCTAGAGAGCACTACACAAGC	GATTCACAGCCAGACTCACA	608
NM_000020	c.1135G>A	ATTACCTGGACATCGGCAAC	GGTGCCAGGAGGTCTGACT	284
NM_000020	c.1217G>T	CCTAGAGAGCACTACACAAGC	GATTCACAGCCAGACTCACA	608
NM_000020	c.1231C>T	GGGCCATGGTTCTCTCTGT	CCAGGAGGTCTGACTGCAA	474
NM_000020	c.1450C>T	GGCCATCCTCCTCATCTTCT	CTCTGGAGCCTCTTTTGCAT	565
NM_000020	c.1451G>A	GCATCTCTCTCTGCCTCC	CTTGCACTCTGACTCTGGA	499