

**Supplementary Table S1, cloning primers**

Primer	Use	Sequence (5' – 3')
<i>hALK5 FW bmtI</i>	PCR	TAAGTAGCTAGCTGCAGATGGAGGCGGGG
<i>hALK5 FLAG-age1 REV</i>	PCR	TGTTAACGACCGGTGAGCGCTG
<i>hALK5 FW</i>	PCR	CGGATCCTTAGTGGTGG
<i>hALK5 REV</i>	PCR	ATTCAGTCGACTGATGGAGGCGGCGGTCGCT
<i>kiALK5 K232R</i>	Mutagenesis	GAAGAAGTTGCTGTTAGGATATTCTCCTCTAGAG
<i>hALK5 FW seq</i>	Sequencing	CAACCGCACTGTCATTACCATC
<i>hALK5 REV seq</i>	Sequencing	TTCTTCTCCCCGCCACTTTCCTCT

**Supplementary Table S2, rt-qPCR primers**

Gene	Forward (5' – 3')	Reverse (5' -3')
<i>hALK5</i>	CAACCGCACTGTCATTACCATC	TTCTTCTCCCCGCCACTTTCCTCT
<i>mAlk5</i>	ATTCCTCGAGACAGGCCATT	CAGCTGACTGCTTTTCTGTAGT
<i>Serpine-1</i>	GCCAACAAGAGCCAATCACA	AGGCAAGCAAGGGCTGAAG
<i>Ctgf</i>	GGCCTCTTCTGCGATTTG	CCATCTTTGGCAGTGCACT
<i>Smad7</i>	TGGATGGCGTGTGGGTTTA	TGGCGGACTTGATGAAGATG
<i>Gapdh</i>	CCAAGTCGGATGTGGAAATGG	TGTCGCAAGTGGACAGTCTC
<i>Hprt</i>	TGGATACAGGCCAGACTTTGTT	CAGATTCAACTTGCCTCATC