

**Table S1: List of Primer sequences**

Gene	Forward	Reverse	Application
ALK	5' AGGGGGCTTGGGTCGTTGGGCATT 3'	5' TGTCTCGGTGGATGAAGTGGTTTTCC 3'	5'RACE
ALK	5' TGATGGAAGGCCACGGG 3'	5' TCAGGCAGCGTCTTCACA 3'	Sequencing
ALK	5' CCTCATTCGGGGTCTGG 3'	5' CCCTTTCTATAGTAGCTCGCC 3'	Sequencing
ALK	5' AACTGCCTCTTGACCTGTCC 3'	5' TTTTGCCTGTTGAGAGACCA 3'	Sequencing
ALK	5' GGAAGAGAAAGTGCCTGTGAG 3'	5' AAGAGAAGTGAGTGTGCGACC 3'	Sequencing
ALK	5' GGGGAGGTGTATGAAGGC 3'	5' CGGTGGATGAAGTGGTTTT 3'	PCR
MMLV-ALK	5' CAGGCAGTGATGGAAGGC 3'	5' CGGTGGATGAAGTGGTTTT 3'	PCR
ALK	5' GCATTGTGTCACCCACCC 3'	5' CATGGCTTGCAGCTCCTG 3'	qPCR

**Table S2: ALK siRNA sequences**

siRNA1	GGGCCUGUAUACCGGAUAA
siRNA2	GUGCCAUGCUGCCAGUUA
siRNA3	CCGCUUUGCCGAUAGAAUA