

Figure S1

		Exon 16 →		
ALK_NM_004304.4	GTGGTGGAGGTGGCTGGAATGATAACACTTCCTTGCTCTGGGCCGAAAATCTTTGCAGG		60	
A375X1	-----AGATCCAGGTAAACTGA-----CAGCTCTGATCG		29	
	*** ** *			
ALK_NM_004304.4	AGGGTGCCACCGGAGGACATTCTGCCCCAGGCCATGAAGAAAGTGGGGTGGGAGACAA		120	
A375X1	AGTCTGTCCTCATCACCCATCAGCCACCTGGGACGACTGTCAGCAGCTGTTGGGACTC		89	
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ALK_NM_004304.4	GAGGGGGTTTCGGAGGGGGTGGAGGGGGTGCTCCTCAGGTGGAGGAGGCGGAGGATATA		180	
A375X1	-----TGCTGACCGGAGAAGAAAAACAACGGGTGCTCTTAGAGGCTAGA		133	
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		Exon 17 →		
ALK_NM_004304.4	TAGGCGG-----CAATGCAGCCTCAAACAATGACCCCGAAATGGATGGGGAAGATGGG		233	
A375X1	AAGGCGGTGCGGGGCGATGATGGGCGCCCCACTCAACTGCCCAATGAA---GTCGATGCC		190	
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ALK_NM_004304.4	GTTTCCTTCATCAGTCCACTGGGCATCCTGTACACCCAGCTTTAAAAGTGATGGAAGGC		293	
A375X1	GCT---TTTCCCTCGAGCGCCAGACTGGGATTACACCACCCAGGCAGTGATGGAAGGC		247	
	* * * * * * * * *	Exon 18 →		
ALK_NM_004304.4	CACGGGGAAGTGAATATTAAGCATTATCTAAACTGCAGTCACTGTGAGGTAGACGAATGT		353	
A375X1	CACGGGGAAGTGAATATTAAGCATTATCTAAACTGCAGTCACTGTGAGGTAGACGAATGT		307	

ALK_NM_004304.4	CACATGGACCCTGAAAGCCACAAGGTCATCTGCTTCTGTGACCACGGGACGGTGCTGGCT		413	
A375X1	CACATGGACCCTGAAAGCCACAAGGTCATCTGCTTCTGTGACCACGGGACGGTGCTGGCT		367	

ALK_NM_004304.4	GAGGATGGCGTCTCCTGCATTGTGTACCCACCCCGAGCCACACCTGCCACTCTCGCTG		473	
A375X1	GAGGATGGCGTCTCCTGCATTGTGTACCCacCCCGAGCCACACCTGCCACTCTCGCTG		427	

ALK_NM_004304.4	ATCCTCTCTGTGGTGACCTCTGCCCTCGTGGCCGCCCTGGTCTTGCTTTCTCCGGCATC		533	
A375X1	ATCCTCTCTGTGGTGACCTCTGCCCTCGTGGCCGCCCTggtCCTGGCTTTCTCCGGCATC		487	

ALK_NM_004304.4	ATGATTGTGTACCGCCGGAAGCACCAGGAGCTGCAAGCCATGCAGATGGAGCTGCAGAGC		593	
A375X1	ATGATTGTGTACCGCCGGAAGC-----		509	

ALK_NM_004304.4	CCTGAGTACAAGCTGAGCAAGCTCCGCACCTCGACCATCATGACCGACTACAACCCCAAC		653	
A375X1	-----		509	

Figure S1 Alignment after Sanger sequencing of the 5'-RACE-cDNA fragments confirming the starting of ALK from exon 18 (green arrow). The asterisks indicate a perfect match with the reference sequence present in the NCBI database.