

Supplementary Table S1.
 PCR primers used for Sanger sequencing

Gene	Direction	Sequence (5' to 3')
<i>BRAF</i> exon 15	Forward	TCCTTTACTTACTACACCTCAGAT
	Reverse	AGTGGAAAAATAGCCTCAAT
<i>AKT1</i> exon 2	Forward	AGGCACATCTGTCCTGGCAC
	Reverse	AAATCTGAATCCCGAGAGGCC
<i>HRAS</i> exon 2	Forward	CAGGCCCTGAGGAGCGATG
	Reverse	TTCGTCCACAAAATGGTTCT
<i>HRAS</i> exon 3	Forward	TCCTGCAGGATTCCTACCGG
	Reverse	GGTTCACCTGTACTGGTGGGA
<i>KRAS</i> exon 2	Forward	GACTGAATATAAACTTGTGG
	Reverse	CTGTATCAAAGAATGGTCCT
<i>KRAS</i> exon 3	Forward	GACTGTGTTTCTCCCTTCT
	Reverse	TGGCAAATACACAAAGAAAG
<i>PIK3CA</i> exon 9	Forward	TGACAAAGAAGAGCTCAAAGC
	Reverse	TTAGCACTTACCTGTGACTCCA
<i>PIK3CA</i> exon 20	Forward	TGATGACATTGCATACATTCG
	Reverse	TGTGTGGAAGATCCAATCCA