

Supplemental Table S1:

LNA blocker sequences and reaction conditions for use in Wild-type Blocking (WTB) PCR of selected *APC* and *KRAS* gene segments.

Gene segment	Mutational hotspot enclosed	LNA blocker sequence^b (5'→3')	Final LNA blocker concentration for WTB-PCR [nM]	Annealing temperature Ta [°C]
<i>APC1</i>	cd 1309 ^a	cTTTTCTTTTATtCtGC	500	56
<i>APC2</i>	cd 1367	agtgggCTCAGACacca	250	64
<i>APC3.1</i>	cd 1450	caaaccAAGCGAGAAgtac	250	60
<i>APC3.2</i>	cd 1465	gaaAAGAGAGAGAGTgga	250	60
<i>APC4</i>	cd 1556	aGTTTTTCTgcctctt	250	56
<i>KRAS</i>	cd 12/13	ctcttGcCtaCGCCaCC	100	58

^a cd codon

^b Capital letters in LNA blocker sequences represent locked nucleic acids. All blockers are 3'-phosphorylated.