

Supplemental Material to:

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**Prevalence of PIK3CA mutations and the SNP rs17849079
in Arab breast cancer patients**

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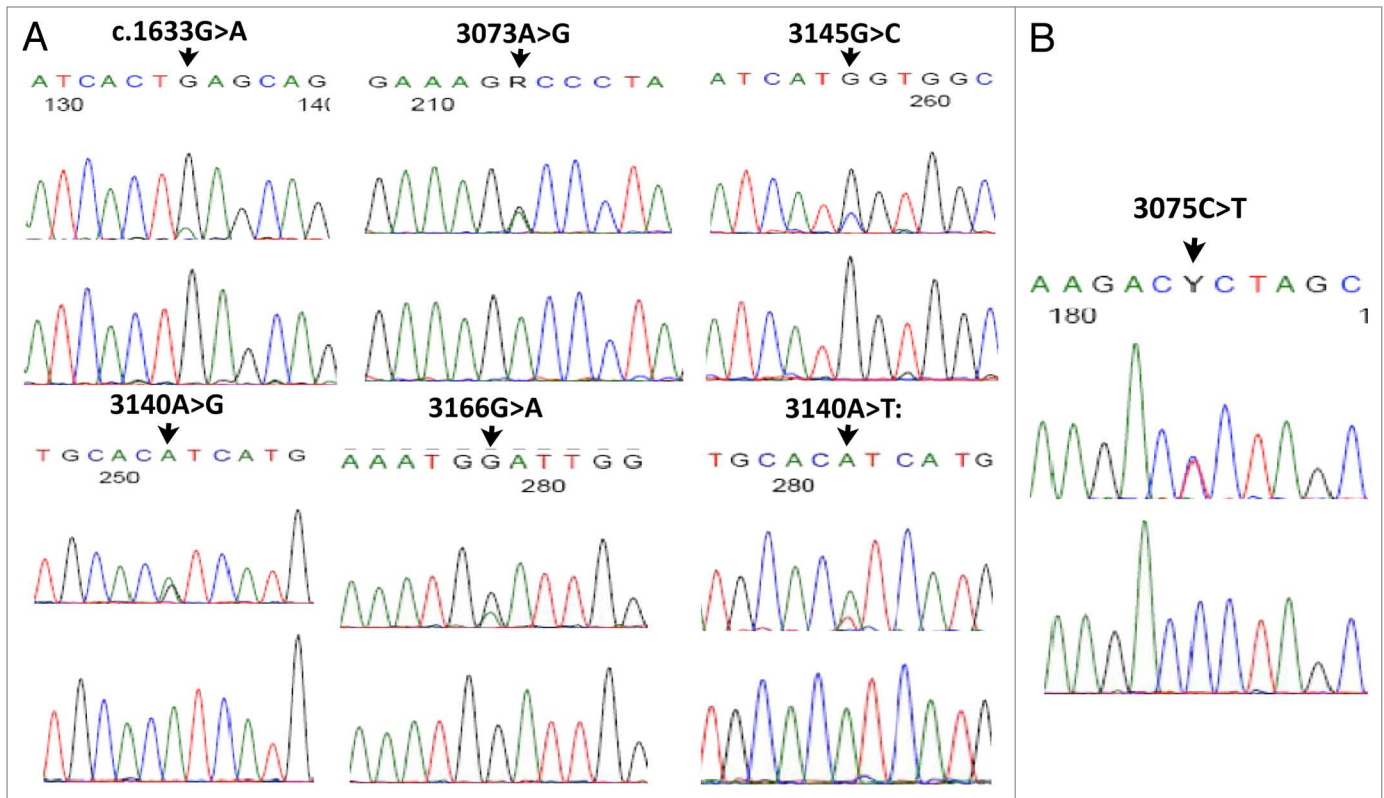


Figure S1. (A) The representative sequencing chromatographs of PIK3CA mutations found in Arabian breast cancers patients. The text above each chromatograph indicates the change and position of nucleotide and amino acid in PIK3CA coding sequence. The arrow shows the mutated (upper) and the wild type (lower) alleles. **(B)** The sequencing chromatograph of PIK3CA C3075T SNP (rs17849079). The text above the chromatograph indicates the change and position of nucleotide and amino acid in PIK3CA coding sequence. The arrow shows the C3075T SNP (upper) and the wild type (lower) allele.

Table S1. The primers used in PCR amplifications and direct sequencing reactions.

Primer	Sequence	Primer type	Amplicon Size (bp)
Exon 1 Forward	CTCCACGACC ATCATCAGG	PCR	446
Exon 1 Reverse	GATTACGAAG GTATTGTTT AGACAG	PCR	
Exon 1 S1	CTGCTTCTTG AGTAACACTT ACG	Sequencing	
Exon 1 S2	CCCCCTCCAT CAACTTCTTC	Sequencing	
Exon 9 Forward	GATTGGTTCT TTCCTGTCTC TG	PCR	487
Exon 9 Reverse	CCACAAATAT CAATTTACAA CCATTG	PCR	
Exon 9 S	TAAATCATCT GTGAATCCAG AG	Sequencing	
Exon 20 Forward	TGACATTTGA GCAAAGACCT G	PCR	444
Exon 20 Reverse	GGATTGTGCA ATTCCTATGC	PCR	
Exon 20 S	CCTATGCAAT CGGTCTTTGC	Sequencing	