

Annex 2: nucleotide variants and their location					
Study participants	Nucleotide sequence	Location	Variants	Resulting amino acid	Frequency (%)
Breast cancer participants N = 21	Upstream intron	c.34311	A>C	None	15 (71.4%)
	Upstream intron	c.34320	A>T	None	6 (28.6%)
			A>C	None	1 (4.8%)
	Upstream intron	c.34321	A>T	None	5 (23.8%)
	Upstream intron	c.34322	A>T	None	1 (4.8%)
	Downstream intron	c.34598	G>C	None	1 (4.8%)
			G>A	None	1 (4.8%)
	Downstream intron	c.34596	T>G	None	1 (4.8%)
	Upstream intron	c.34402	A>C	None	1 (4.8%)
Downstream intron	c.34629	A>C	None	1 (4.8%)	
Exon	c.34474	G>A	p. Arg1373Lys	1 (4.8%)	
Apparently healthy participants N = 5	Upstream intron	c.34311	A>C	None	3 (60%)
	Upstream intron	c.34320	A>T	None	3 (60%)
	Upstream intron	c.34321	A>T	None	3 (60%)
	Upstream intron	c.34322	A>T	None	1 (20%)
	Upstream intron	c.34374	A>C	None	1 (20%)
	Downstream intron	c.34632	A>C	None	1 (20%)