

**Supplementary Table 4a. Oligonucleotides and Probes utilized for candidate genes quantification by q-RT-PCR**

Quantified Transcript	Oligonucleotides	Sequence (5' to 3')	Amplicon location	Reference Sequence	Affymetrix Probe set id
<i>SAA2 transcript variants 1, 2 &amp; 3</i> <i>SAA1 transcript variants 1 &amp; 2,</i> <i>SAA2-SAA4 readthrough.</i>	SAA2 †Fw	tggtttctgctccttggtc	Exon 2	NM_030754	J03474_at & X51441_at
	SAA2 ‡Rev	cccgagcatggaagtatttg	Exon 3		
	SAA2 §P (13)	tttgatggggctcgggacatgtg	Exons 2-3		
<i>Filip1L transcript variants 1 (alias DOC-1),</i> <i>2 &amp; 3</i>	<i>Filip1L</i> Fw	gtcatcatggcagtttcagc	Exon 5* (6a**)	NM_182909	U53445_at
	<i>Filip1L</i> Rev	gccccgttaattaagccttg	Exon 5 (6a)		
	<i>Filip1L</i> P (11)	acatgcaagctgtagccagcccttc	Exon 5 (6a)		
<i>AXNA8L2, ANXA8L1, ANXA8</i>	<i>AXNA8</i> Fw	aagatgtacggcaagaccctca	Exon 11	NM_001630	X16662_at
	<i>AXNA8</i> Rev	gctcttgttctctgtgcctca	Exon 12		
	<i>AXNA8</i> P	atggaagacaccagcgggtgactacaagaac	Exons 11-12		
<i>MPI</i>	<i>MPI</i> Fw	ctgtgtgaaatgctcagctata	Exon 7	NM_002435	X76057_at
	<i>MPI</i> Rev	agggacctccgtctcataa	Exon 7-8		
	<i>MPI</i> P	cagcaaggacaggctctttctccc	Exon 7		

†Fw= Forward, ‡Rev= Reverse, §P = Probe

\* Consecutive numerotation, \*\*Exon numerotation according to Reference Sequence (specific numerotation).

**Supplementary Table 4b. Oligonucleotides and Probes utilized for *BRCA1* and *BRCA2* quantification by q-RT-PCR**

Gene	Oligonucleotides	*Sequence (5' to 3')	Reporter	Quencher	Amplicon Location	Bibliography Source	Reference Sequence
<b><i>BRCA1</i></b>	<i>BRCA1</i> 3'Fw	cagaggacaatggcttccatg	NA <sup>§§</sup>	NA	Exons 23**-24** (22*-23*)	†Favy et al.	NM_007294
	<i>BRCA1</i> 3'Rev	ctacactgtccaacaccactctc	NA	NA	Exon 24 (23)		
	<i>BRCA1</i> 3'P	aattgggcagatgtgtgaggcacctg	6-FAM	BHQ-1	Exon 24 (23)		
<b><i>BRCA2</i></b>	<i>BRCA2</i> Fw9-10	tgtgacagacagtgaaaacaca	NA	NA	Exon 9	‡Abd-Rabbo et al.	NM_000059
	<i>BRCA2</i> Rev9-10	gacatttggcattgactttcc	NA	NA	Exon 10		
	<i>BRCA2</i> P9-10	tggatttggaaaaacatcaggaattcatt	6-FAM	BHQ-1	Exons 9-10		
<b><i>BRCA1</i> 4446 C&gt;T</b>	<i>BRCA1</i> F1314 (4446C>T)	taacagctacccttcca	NA	NA	Exon 13 (14)	Abd-Rabbo et al.	NM_007294
	<i>BRCA1</i> R1314 (4446C>T)	cttctggattctggcttat	NA	NA	Exon 14 (15)		
	<i>BRCA1</i> P1314wt-LNA	agGacctGCGaaaTcc	TEX613-Y	IAbRQSp	Exon 13 (14)		
	<i>BRCA1</i> P1314mut-LNA	tgAggacctGTTaaaTcca	6-FAM	IABlkFQ	Exon 13 (14)		
<b><i>BRCA2</i> 8765delAG</b>	F20 (8765delAG) Q	gatggagaagacatcatctgg	NA	NA	Exon 20	Abd-Rabbo et al.	NM_000059
	R20 (8765delAG) Q	tgttcttcaaattcctcctga	NA	NA	Exon 20		
	P20 wt-LNA	tgAaAgaGAggAaGaa	TEX615	IAbRQSp	Exon 20		
	P20 mut-LNA	tgAaAgaGGaaGaAaag	6-FAM	IABlkFQ	Exon 20		
<b><i>TBP</i> transcript variant 1.</b>	<i>TBP</i> Fw1	acgaaccacggcactgat	NA	NA	Exon 5	§ Chan et al.	NM_003194
	<i>TBP</i> Rev1	aacccaacttctgtacaact	NA	NA	Exon 6		
	<i>TBP</i> P	acagtccagactggcagcaagaaaata	HEX	BHQ-1	Exon 6		

†Favy et al, *BBRC*, 274, 73-78, 2000, ‡Abd-Rabbo et al, *this paper*, §Chan et al, *Cancer Research*, 62, 4151-4156, July 15, 2002.

§§ NA= not applicable, ★Letters in uppercase character correspond to LNA oligonucleotides,

\* Consecutive numerotation, \*\*Exon numerotation according to Reference Sequence (specific numerotation).