

Supplementary Table S1. Details of the detected *BRCA1* and *BRCA2* mutations

Mutation	AA changes
<i>BRCA1</i>	
Frameshift deletion	S308*
Frameshift deletion	K339Rfs*2
Frameshift deletion	N473Tfs*2
Frameshift deletion	K608Rfs*4
Frameshift deletion	K654Sfs*47
Frameshift deletion	V1234Qfs*8
Frameshift deletion	S1239Ffs*25
Frameshift deletion	V1833Sfs*7
Frameshift insertion	Q1447Rfs*16
Nonsense mutation	E1817*
<i>BRCA2</i>	
Frameshift deletion	K437Ifs*22 / R2494*
Frameshift deletion	S451Pfs*10
Frameshift deletion	I605Yfs*9
Frameshift deletion	N863Ifs*11
Frameshift deletion	F890Lfs*5
Frameshift deletion	N986Ifs*5
Frameshift deletion	C1200*
Frameshift deletion	I332Ffs*17
Frameshift deletion	S1221Lfs*7
Frameshift deletion	L1491Kfs*12
Frameshift deletion	I558Mfs*13
Frameshift deletion	I1859Kfs*3
Frameshift deletion	N2135Kfs*3
Frameshift deletion	E2198Nfs*4
Frameshift deletion	H2417Qfs*3
Frameshift deletion	G2760Afs*17
Frameshift deletion	E2981Kfs*7
Frameshift deletion	T3033Lfs*29
Frameshift deletion	T3085Nfs*26 / Q2157Ifs*18
In-frame deletion	G2813del
Frameshift insertion	S521Ffs*6
Frameshift insertion	Q937Tfs*8
Frameshift insertion	N957Kfs*2
Frameshift insertion	D2242Rfs*3
Frameshift insertion	T3085Nfs*26
Splice site mutation	X2281_splice
Nonsense mutation	K467*
Nonsense mutation	E919*
Nonsense mutation	Q969*
Nonsense mutation	S1855*
Nonsense mutation	R2494*
Missense mutation	G500C
Missense mutation	R3052W