

S2 Table. All variants of *BRCA1* genes which were found in Samsung Medical Center in the period

Gene	Nucleotide change	Amino acid change
<i>BRCA1</i>	c.38_39delinsGGG	p.(Asn13Argfs*4)
<i>BRCA1</i>	c.213-1G>A	p.(?)
<i>BRCA1</i>	c.302-2A>C	p.(?)
<i>BRCA1</i>	c.390C>A	p.(Tyr130*)
<i>BRCA1</i>	c.451delinsTT	p.(Ser151Leufs*8)
<i>BRCA1</i>	c.547+1G>T	p.(?)
<i>BRCA1</i>	c.922_924delinsT	p.(Ser308*)
<i>BRCA1</i>	c.928C>T	p.(Gln310*)
<i>BRCA1</i>	c.981_982del	p.(Cys328*)
<i>BRCA1</i>	c.1104_1108del	p.(Glu368Aspfs*8)
<i>BRCA1</i>	c.1205del	p.(Glu402Glyfs*r8)
<i>BRCA1</i>	c.1292T>G	p.(Leu431*)
<i>BRCA1</i>	c.1354del	p.(Val452*)
<i>BRCA1</i>	c.1387_1405del	p.(Lys463Glnfs*6)
<i>BRCA1</i>	c.1457_1458del	p.(Phe486Cysfs*3)
<i>BRCA1</i>	c.1511dup	p.(Lys505*)
<i>BRCA1</i>	c.1716del	p.(Glu572Aspfs*16)
<i>BRCA1</i>	c.1753G>T	p.(Glu585*)
<i>BRCA1</i>	c.1823del	p.(Lys608Argfs*4)
<i>BRCA1</i>	c.1831del	p.(Leu611*)
<i>BRCA1</i>	c.1881_1884del	p.(Ser628Glnfs*3)
<i>BRCA1</i>	c.1961del	p.(Lys654Serfs*47)
<i>BRCA1</i>	c.2048del	p.(Lys683Serfs*18)
<i>BRCA1</i>	c.2206_2215del	p.(Glu736Lysfs*14)
<i>BRCA1</i>	c.2341G>T	p.(Glu781*)
<i>BRCA1</i>	c.2354T>A	p.(Leu785*)
<i>BRCA1</i>	c.2405_2406del	p.(Glu781*)
<i>BRCA1</i>	c.2433del	p.(Lys812Argfs*3)
<i>BRCA1</i>	c.2630del	p.(Asn877Metfs*16)
<i>BRCA1</i>	c.2830del	p.(Cys944Valfs*56)
<i>BRCA1</i>	c.2934del	p.(Arg979Valfs*21)
<i>BRCA1</i>	c.3020del	p.(Ser1007*)

<i>BRCA1</i>	c.3157del	p.(Glu1053Lysfs*9)
<i>BRCA1</i>	c.3266T>A	p.(Leu1089*)
<i>BRCA1</i>	c.3296del	p.(Pro1099Leufs*10)
<i>BRCA1</i>	c.3331_3334del	p.(Gln1111Asnfs*5)
<i>BRCA1</i>	c.3340G>T	p.(Glu1114*)
<i>BRCA1</i>	c.3352C>T	p.(Gln1118*)
<i>BRCA1</i>	c.3442del	p.(Glu1148Argfs*7)
<i>BRCA1</i>	c.3447_3448del	p.(Pro1150*)
<i>BRCA1</i>	c.3462dup	p.(Asp1155Argfs*2)
<i>BRCA1</i>	c.3578_3579del	p.(Phe1193Tyrfs*25)
<i>BRCA1</i>	c.3589_3590del	p.(His1197Phefs*21)
<i>BRCA1</i>	c.3627dup	p.(Glu1210Argfs*9)
<i>BRCA1</i>	c.3700_3704del	p.(Val1234Glnfs*8)
<i>BRCA1</i>	c.3710_3711dup	p.(Pro1238Tyrfs*27)
<i>BRCA1</i>	c.3770_3771del	p.(Glu1257Glyfs*9)
<i>BRCA1</i>	c.3841C>T	p.(Gln1281*)
<i>BRCA1</i>	c.3869_3870del	p.(Lys1290Metfs*4)
<i>BRCA1</i>	c.3895C>T	p.(Gln1299*)
<i>BRCA1</i>	c.3954dup	p.(Gly1319Trpfs*11)
<i>BRCA1</i>	c.3982dup	p.(Ser1328Phefs*2)
<i>BRCA1</i>	c.3991C>T	p.(Gln1331*)
<i>BRCA1</i>	c.4041_4042del	p.(Gly1348Asnfs*7)
<i>BRCA1</i>	c.4057_4061del	p.(Glu1353*)
<i>BRCA1</i>	c.4065_4068del	p.(Asn1355Lysfs*10)
<i>BRCA1</i>	c.4092_4093del	p.(Leu1365Argfs*2)
<i>BRCA1</i>	c.4120_4121del	p.(Ser1374*)
<i>BRCA1</i>	c.4185+1G>T	p.(?)
<i>BRCA1</i>	c.4253del	p.(Leu1418*)
<i>BRCA1</i>	c.4335_4338dup	p.(Gln1447Argfs*16)
<i>BRCA1</i>	c.4933del	p.(Arg1645Glyfs*13)
<i>BRCA1</i>	c.4981G>T	p.(Glu1661*)
<i>BRCA1</i>	c.4986+6T>G	p.(?)
<i>BRCA1</i>	c.5017_5019del	p.(His1673del)
<i>BRCA1</i>	c.5030_5033del	p.(Thr1677Ilefs*2)
<i>BRCA1</i>	c.5074+1G>T	p.(?)
<i>BRCA1</i>	c.5080G>T	p.(Glu1694*)

<i>BRCA1</i>	c.5092G>T	p.(Glu1698*)
<i>BRCA1</i>	c.5193+1G>C	p.(?)
<i>BRCA1</i>	c.5193+1_5193+2delinsCG	p.(?)
<i>BRCA1</i>	c.5266C>T	p.(Gln1756*)
<i>BRCA1</i>	c.5289del	p.(Leu1764*)
<i>BRCA1</i>	c.5332+1G>A	p.(?)
<i>BRCA1</i>	c.5332+2T>G	p.(?)
<i>BRCA1</i>	c.5333-2A>T	p.(?)
<i>BRCA1</i>	c.5339T>C	p.(Leu1780Pro)
<i>BRCA1</i>	c.5427del	p.(Val1810Cysfs*24)
<i>BRCA1</i>	c.5431C>T	p.(Gln1811*)
<i>BRCA1</i>	c.5445G>A	p.(Trp1815*)
<i>BRCA1</i>	c.5467+1G>A	p.(?)
<i>BRCA1</i>	c.5470_5477del	p.(Ile1824Aspfs*3)
<i>BRCA1</i>	c.5496_5506delinsA	p.(Val1833Serfs*7)
<i>BRCA1</i>	c.5509T>C	p.(Trp1837Arg)
<i>BRCA1</i>	c.5532_5533insG	p.(Tyr1845Valfs*35)
