

S1 Table. Specific *BRCA1/2* pathogenic and likely pathogenic variants in the present study

No.	Gene	Germline test results		Somatic test results	
		Systematic nomenclature	Effect on amino acid	Systematic nomenclature	Effect on amino acid
1	<i>BRCA1</i>	c.390C>A	p.Tyr130Ter	c.390C>A	p.Tyr130Ter
2	<i>BRCA1</i>	c.390C>A	p.Tyr130Ter	Not performed	
3	<i>BRCA1</i>	c.390C>A	p.Tys130Ter	Not performed	
4	<i>BRCA1</i>	c.390C>A	p.Tys130Ter	Not performed	
5	<i>BRCA1</i>	Not performed	Not performed	c.390C>A	p.Tyr130Ter
6	<i>BRCA1</i>	c.824G>A	p.Gly275Asp	Not performed	
7	<i>BRCA1</i>	c.870_871insAC	p.Leu291fs	Not performed	
8	<i>BRCA1</i>	c.922_924delinsT	p.Ser308Ter	c.922_924delinsT	p.Ser308Ter
9	<i>BRCA1</i>	c.922_924delinsT	p.Ser308Ter	Not performed	
10	<i>BRCA1</i>	c.922_924delinsT	p.Ser308Ter	Not performed	
11	<i>BRCA1</i>	c.922_924delinsT	p.Ser308Ter	Not performed	
12	<i>BRCA1</i>	c.922_924delinsT	p.Ser308Ter	Not performed	
13	<i>BRCA1</i>	c.922_924delinsT	p.Ser308Ter	Not performed	
14	<i>BRCA1</i>	Wild-type	Wild-type	c.1016del	p.Lys339fs
15	<i>BRCA1</i>	c.1102G>T	p.Glu368Ter	Not performed	
16	<i>BRCA1</i>	c.1205del	p.Glu402fs	Not performed	
17	<i>BRCA1</i>	c.1293_1295delinsGA	p.Leu432fs	c.1293_1295delinsGA	p.Leu432fs
18	<i>BRCA1</i>	c.1354del	p.Val452Ter	Not performed	
19	<i>BRCA1</i>	c.1716del	p.Glu572fs	Not performed	
20	<i>BRCA1</i>	c.1831del	p.Leu611Ter	c.1831del	p.Leu611Ter
21	<i>BRCA1</i>	Wild-type	Wild-type	c.2269del	p.Val757fs
22	<i>BRCA1</i>	Wild-type	Wild-type	c.2386del	p.Thr796fs
23	<i>BRCA1</i>	c.2389_2390delGA	p.Glu797fs	Not performed	
24	<i>BRCA1</i>	c.2389_2390delGA	p.Glu797fs	Not performed	
25	<i>BRCA1</i>	c.2400_2402delinsTT	p.Lys800fs	c.2400_2402delinsTT	p.Lys800fs
26	<i>BRCA1</i>	c.2433del	p.Lys812fs	c.2433del	p.Lys812fs
27	<i>BRCA1</i>	c.2563C>T	p.Gln855Ter	Not performed	
28	<i>BRCA1</i>	Wild-type	Wild-type	c.2928_2932delCCCA T	p.Asn976fs
29	<i>BRCA1</i>	Wild-type	Wild-type	c.3093del	p.Arg1032fs
30	<i>BRCA1</i>	c.3296del	p.Pro1099fs	c.3296del	p.Pro1099fs
31	<i>BRCA1</i>	Not performed	Not performed	c.3352C>T	p.Gln1118Ter
32	<i>BRCA1</i>	c.3442del	p.Glu1148fs	c.3442del	p.Glu1148fs
33	<i>BRCA1</i>	c.3442del	p.Glu1148fs	Not performed	
34	<i>BRCA1</i>	c.3442del	p.Glu1148fs	Not performed	
35	<i>BRCA1</i>	c.3442del	p.Glu1148fs	Not performed	
36	<i>BRCA1</i>	c.3627dupA	p.Glu1210fs	c.3627dupA	p.Glu1210fs
37	<i>BRCA1</i>	c.3627dupA	p.Glu1210fs	Not performed	
38	<i>BRCA1</i>	c.3627dupA	p.Glu1210fs	Not performed	
39	<i>BRCA1</i>	c.3627dupA	p.Glu1210fs	Not performed	
40	<i>BRCA1</i>	c.3627dupA	p.Glu1210fs	Not performed	
41	<i>BRCA1</i>	c.3627dupA	p.Glu1210fs	Not performed	
42	<i>BRCA1</i>	Not performed	Not performed	c.3627dupA	p.Glu1210fs
43	<i>BRCA1</i>	c.3758_3759delinA	p.Ser1253Ter	c.3758_3759delinA	p.Ser1253Ter *
44	<i>BRCA1</i>	c.3869_3870del	p.Lys1290fs	Not performed	
45	<i>BRCA1</i>	c.3895C>T	p.Gln1299Ter	Not performed	
46	<i>BRCA1</i>	c.3991C>T	p.Gln1331Ter	c.3991C>T	p.Gln1331Ter

47	<i>BRCA1</i>	c.3991C>T	p.Gln1331Ter	Not performed	
48	<i>BRCA1</i>	c.4253del	p.Leu1418Ter	Not performed	
49	<i>BRCA1</i>	c.4253del	p.Leu1418Ter	Not performed	
50	<i>BRCA1</i>	Wild-type	Wild-type	c.4471G>T	p.Glu1491Ter
51	<i>BRCA1</i>	c.4981G>T	p.Glu1661Ter	Not performed	
52	<i>BRCA1</i>	c.4987-3C>G	Splice region variant	Not performed	
53	<i>BRCA1</i>	c.5030_5033del	p.Thr1677fs	Not performed	
54	<i>BRCA1</i>	c.5074+1G>T	Splice region variant	Wild-type	Wild-type
55	<i>BRCA1</i>	c.5074+1G>T	Splice region variant	Not performed	
56	<i>BRCA1</i>	c.5080G>T	p.Glu1694Ter	Not performed	
57	<i>BRCA1</i>	c.5080G>T	p.Glu1694Ter	Not performed	
58	<i>BRCA1</i>	c.5080G>T	p.Glu1694Ter	Not performed	
59	<i>BRCA1</i>	c.5080G>T	p.Glu1694Ter	Not performed	
60	<i>BRCA1</i>	Not performed	Not performed	c.5143G>T	p.Glu1715Ter
61	<i>BRCA1</i>	Not performed	Not performed	c.5314C>T	p.Arg1772Ter
62	<i>BRCA1</i>	c.5333-2A>T	Splice region variant	Not performed	
63	<i>BRCA1</i>	c.5339T>C	p.Leu1780Pro	Not performed	
64	<i>BRCA1</i>	c.5467+1G>A	Splice region variant	Not performed	
65	<i>BRCA1</i>	c.5496_5506delinsA	p.Val1833fs	Not performed	
66	<i>BRCA1</i>	c.5496_5506delinsA	p.Val1833fs	Not performed	
67	<i>BRCA1</i>	c.5553dup	p.Thr1852fs	c.5553dup	p.Thr1852fs
68	<i>BRCA1</i>	Exon 1-14 deletion		Not performed	
69	<i>BRCA1</i>	Exon 13-15 deletion		Not performed	
70	<i>BRCA1</i>	Exon 14 deletion		Not performed	
71	<i>BRCA2</i>	c.97G>T	p.Glu33Ter	Not performed	
72	<i>BRCA2</i>	c.755_758delACAG	p.Asp252fs	Not performed	
73	<i>BRCA2</i>	c.1399A>T	p.Lys467Ter	Not performed	
74	<i>BRCA2</i>	c.1796_1800delCTTAT	p.Ser599Ter	Not performed	
75	<i>BRCA2</i>	c.1889_1890delinsGGG	p.Thr630fs	Not performed	
76	<i>BRCA2</i>	c.2435del	p.Asn812fs	Not performed	
77	<i>BRCA2</i>	c.2983G>T	p.Gly995Ter	Not performed	
78	<i>BRCA2</i>	c.3018del	p.Gly1007fs	Not performed	
79	<i>BRCA2</i>	c.3096_3110delinsT	p.Lys1032fs	Not performed	
80	<i>BRCA2</i>	c.4471_4474delCTGA	p.Leu1491fs	Not performed	
81	<i>BRCA2</i>	c.4821del	p.Ile1607fs	Not performed	
82	<i>BRCA2</i>	c.5576_5579delTTAA	p.Ile1859fs	c.5576_5579delTTAA	p.Ile1859fs
83	<i>BRCA2</i>	c.5576_5579delTTAA	p.Ile1859fs	Not performed	
84	<i>BRCA2</i>	c.5576_5579delTTAA	p.Ile1859fs	Not performed	
85	<i>BRCA2</i>	c.5576_5579delTTAA	p.Ile1859fs	Not performed	
86	<i>BRCA2</i>	c.7480C>T	p.Arg2494Ter	Not performed	
87	<i>BRCA2</i>	c.7480C>T	p.Arg2494Ter	Not performed	
88	<i>BRCA2</i>	c.7673_7674delAG	p.Glu2558fs	Not performed	
89	<i>BRCA2</i>	Not performed	Not performed	c.8536G>T	p.Glu2846*
90	<i>BRCA2</i>	c.9154C>T	p.Arg3052Trp	Not performed	
91	<i>BRCA2</i>	c.9154C>T	p.Arg3052Trp	Not performed	