

Supplementary Table 1. gBRCA1/2 variants

ID	Gene	Classification	Alteration
1	<i>BRCA1</i>	Pathogenic	1135insA
2	<i>BRCA1</i>	Pathogenic	187delAG
3	<i>BRCA1</i>	Pathogenic	187delAG
4	<i>BRCA1</i>	Pathogenic	187delAG
5	<i>BRCA1</i>	Pathogenic	187delAG
6	<i>BRCA1</i>	Pathogenic	187delAG
7	<i>BRCA1</i>	Pathogenic	187delAG
8	<i>BRCA1</i>	Pathogenic	2826insAT
9	<i>BRCA1</i>	Pathogenic	3450del4
10	<i>BRCA1</i>	Pathogenic	4184del4
11	<i>BRCA1</i>	Pathogenic	4603G>T
12	<i>BRCA1</i>	Pathogenic	5266dupC
13	<i>BRCA1</i>	Pathogenic	5382insC
14	<i>BRCA1</i>	Pathogenic	5385insC
15	<i>BRCA1</i>	Pathogenic	5385insC
16	<i>BRCA1</i>	Pathogenic	c.116G>A
17	<i>BRCA1</i>	Pathogenic	c.1175_1214del40
18	<i>BRCA1</i>	Pathogenic	c.130T>A
19	<i>BRCA1</i>	Pathogenic	c.135-1G>T
20	<i>BRCA1</i>	Pathogenic	c.135-1G>T
21	<i>BRCA1</i>	Pathogenic	c.1687C>T
22	<i>BRCA1</i>	Pathogenic	c.1687C>T
23	<i>BRCA1</i>	Pathogenic	c.181T>G
24	<i>BRCA1</i>	Pathogenic	c.181T>G
25	<i>BRCA1</i>	Pathogenic	c.1823_1826delAGAA
26	<i>BRCA1</i>	Pathogenic	c.1953_1956delGAAA
27	<i>BRCA1</i>	Pathogenic	c.212+3A>G
28	<i>BRCA1</i>	pathogenic	c.213-11T>G
29	<i>BRCA1</i>	Pathogenic	c.213-12A>G
30	<i>BRCA1</i>	Pathogenic	c.2329delT
31	<i>BRCA1</i>	Pathogenic	c.2389G>T
32	<i>BRCA1</i>	Pathogenic	c.2411_2412delAG
33	<i>BRCA1</i>	Pathogenic	c.2685_2686del
34	<i>BRCA1</i>	Pathogenic	c.2835_2836insCC
35	<i>BRCA1</i>	Pathogenic	c.2835_2836insCC
36	<i>BRCA1</i>	Pathogenic	c.2940delA
37	<i>BRCA1</i>	Pathogenic	c.3331_3334delCAAG
38	<i>BRCA1</i>	Pathogenic	c.3436_3439delTGTT
39	<i>BRCA1</i>	Pathogenic	c.3734del
40	<i>BRCA1</i>	Pathogenic	c.4035del

41	<i>BRCA1</i>	Pathogenic	c.4035del
42	<i>BRCA1</i>	Pathogenic	c.4035del
43	<i>BRCA1</i>	Pathogenic	c.4065_4068del
44	<i>BRCA1</i>	Pathogenic	c.4065_4068del
45	<i>BRCA1</i>	Pathogenic	c.4065_4068delTCAA
46	<i>BRCA1</i>	Pathogenic	c.4096+1G>A
47	<i>BRCA1</i>	Pathogenic	c.4183C>T
48	<i>BRCA1</i>	Pathogenic	c.4327C>T
49	<i>BRCA1</i>	Pathogenic	c.4357+1G>A
50	<i>BRCA1</i>	Pathogenic	c.4391_4393delinsTT
51	<i>BRCA1</i>	Pathogenic	c.4459A>T
52	<i>BRCA1</i>	Pathogenic	c.4484+1G>A
53	<i>BRCA1</i>	Pathogenic	c.4484G>T
54	<i>BRCA1</i>	Pathogenic	c.4689C>G
55	<i>BRCA1</i>	Pathogenic	c.4689C>G
56	<i>BRCA1</i>	Pathogenic	c.4689C>G
57	<i>BRCA1</i>	Pathogenic	c.4964_4982del
58	<i>BRCA1</i>	Pathogenic	c.4964_4982del19
59	<i>BRCA1</i>	Pathogenic	c.4986+6T>C
60	<i>BRCA1</i>	Pathogenic	c.5035_5039del
61	<i>BRCA1</i>	Pathogenic	c.5035del
62	<i>BRCA1</i>	Pathogenic	c.5095C>T
63	<i>BRCA1</i>	Pathogenic	c.5096G>A
64	<i>BRCA1</i>	Pathogenic	c.5216A>G
65	<i>BRCA1</i>	Likely Pathogenic	c.5242G>T
66	<i>BRCA1</i>	Pathogenic	c.5251C>T
67	<i>BRCA1</i>	Pathogenic	c.5266dup
68	<i>BRCA1</i>	Pathogenic	c.5266dup
69	<i>BRCA1</i>	Pathogenic	c.5266dup
70	<i>BRCA1</i>	Pathogenic	c.5266dup
71	<i>BRCA1</i>	Pathogenic	c.5266dupC
72	<i>BRCA1</i>	Pathogenic	c.5266dupC
73	<i>BRCA1</i>	Pathogenic	c.5266dupC
74	<i>BRCA1</i>	Pathogenic	c.5266dupC
75	<i>BRCA1</i>	Pathogenic	c.5266dupC
76	<i>BRCA1</i>	Pathogenic	c.5266dupC
77	<i>BRCA1</i>	Pathogenic	c.679G>T
78	<i>BRCA1</i>	Pathogenic	c.68_69del
79	<i>BRCA1</i>	Pathogenic	c.68_69del
80	<i>BRCA1</i>	Pathogenic	c.68_69del
81	<i>BRCA1</i>	Pathogenic	c.68_69delAG
82	<i>BRCA1</i>	Pathogenic	c.68_69delAG
83	<i>BRCA1</i>	Pathogenic	c.68_69delAG

84	<i>BRCA1</i>	Pathogenic	c.68_69delAG
85	<i>BRCA1</i>	Pathogenic	c.68_69delAG
86	<i>BRCA1</i>	Pathogenic	c.68_69delAG
87	<i>BRCA1</i>	Pathogenic	c.68_69delAG
88	<i>BRCA1</i>	Pathogenic	c.68_69delAG
89	<i>BRCA1</i>	Pathogenic	c.815_824dup
90	<i>BRCA1</i>	Pathogenic	c.815_824dup10
91	<i>BRCA1</i>	Pathogenic	c.844_850dupTCATTAC
92	<i>BRCA1</i>	Pathogenic	c.933del
93	<i>BRCA1</i>	Pathogenic	c.962G>A
94	<i>BRCA1</i>	Pathogenic	c.981_982del
95	<i>BRCA1</i>	Pathogenic	del exon 15
96	<i>BRCA1</i>	Pathogenic	del exon 3
97	<i>BRCA1</i>	Pathogenic	del exons 1-23
98	<i>BRCA1</i>	Pathogenic	del exons 14-19
99	<i>BRCA1</i>	Pathogenic	del exons 20-23
100	<i>BRCA1</i>	Pathogenic	dupl exon 12, copy number=3
101	<i>BRCA1</i>	Pathogenic	EX11del
102	<i>BRCA1</i>	Pathogenic	EX13_14del
103	<i>BRCA1</i>	Pathogenic	EX2del
104	<i>BRCA1</i>	Pathogenic	specific alteration not available
105	<i>BRCA1</i>	Pathogenic	specific alteration not available
106	<i>BRCA1</i>	Pathogenic	specific alteration not available
107	<i>BRCA1</i>	Pathogenic	specific alteration not available
108	<i>BRCA1</i>	Pathogenic	specific alteration not available
109	<i>BRCA1</i>	Pathogenic	specific alteration not available
110	<i>BRCA1</i>	Pathogenic	specific alteration not available
111	<i>BRCA1</i>	Pathogenic	specific alteration not available
112	<i>BRCA1</i>	Pathogenic	specific alteration not available
113	<i>BRCA1</i>	Pathogenic	specific alteration not available
114	<i>BRCA1</i>	Pathogenic	specific alteration not available
115	<i>BRCA1</i>	Pathogenic	specific alteration not available
116	<i>BRCA2</i>	Pathogenic	5909insA
117	<i>BRCA2</i>	Pathogenic	6174delT
118	<i>BRCA2</i>	Pathogenic	8765delAG
119	<i>BRCA2</i>	Pathogenic	8765delAG
120	<i>BRCA2</i>	Pathogenic	8765delAG
121	<i>BRCA2</i>	Pathogenic	886delGT
122	<i>BRCA2</i>	Pathogenic	c.100G>T
123	<i>BRCA2</i>	Pathogenic	c.10152C>G
124	<i>BRCA2</i>	Pathogenic	c.1029del
125	<i>BRCA2</i>	Pathogenic	c.1172del
126	<i>BRCA2</i>	Pathogenic	c.1189_1190insTTAG

127	<i>BRCA2</i>	Pathogenic	c.1310_1313del
128	<i>BRCA2</i>	Pathogenic	c.1310_1313del
129	<i>BRCA2</i>	Pathogenic	c.1310_1313del
130	<i>BRCA2</i>	Pathogenic	c.1681G>T
131	<i>BRCA2</i>	Pathogenic	c.1813dupA
132	<i>BRCA2</i>	Pathogenic	c.1889delC
133	<i>BRCA2</i>	Pathogenic	c.1929del
134	<i>BRCA2</i>	Pathogenic	c.2330dup
135	<i>BRCA2</i>	Pathogenic	c.2731del
136	<i>BRCA2</i>	Pathogenic	c.2808_2811delACAA
137	<i>BRCA2</i>	Pathogenic	c.3083_3084ins(?)
138	<i>BRCA2</i>	Pathogenic	c.3170_3174del
139	<i>BRCA2</i>	Pathogenic	c.3385C>T
140	<i>BRCA2</i>	Pathogenic	c.3847_3848del
141	<i>BRCA2</i>	Pathogenic	c.3922G>T
142	<i>BRCA2</i>	Pathogenic	c.4058_4062delAAACG
143	<i>BRCA2</i>	Pathogenic	c.407delA
144	<i>BRCA2</i>	Pathogenic	c.4563_4564delAT
145	<i>BRCA2</i>	Pathogenic	c.4829_4830delTG
146	<i>BRCA2</i>	Pathogenic	c.5073dupA
147	<i>BRCA2</i>	Pathogenic	c.5241_5242insTA
148	<i>BRCA2</i>	Pathogenic	c.5271T>A
149	<i>BRCA2</i>	Pathogenic	c.5350_5351del
150	<i>BRCA2</i>	Pathogenic	c.5350_5351delAA
151	<i>BRCA2</i>	Pathogenic	c.5576_5579del
152	<i>BRCA2</i>	Pathogenic	c.5576_5579delTTAA
153	<i>BRCA2</i>	Pathogenic	c.5682C>A
154	<i>BRCA2</i>	Pathogenic	c.5722_5723del
155	<i>BRCA2</i>	Pathogenic	c.5828del
156	<i>BRCA2</i>	Pathogenic	c.5857G>T
157	<i>BRCA2</i>	Pathogenic	c.5946del
158	<i>BRCA2</i>	Pathogenic	c.5946del
159	<i>BRCA2</i>	Pathogenic	c.5946del
160	<i>BRCA2</i>	Pathogenic	c.5946del
161	<i>BRCA2</i>	Pathogenic	c.5946delT
162	<i>BRCA2</i>	Pathogenic	c.5946delT
163	<i>BRCA2</i>	Pathogenic	c.5946delT
164	<i>BRCA2</i>	Pathogenic	c.5946delT
165	<i>BRCA2</i>	Pathogenic	c.5946delT
166	<i>BRCA2</i>	Pathogenic	c.5946delT
167	<i>BRCA2</i>	Pathogenic	c.5946delT
168	<i>BRCA2</i>	Pathogenic	c.5946delT
169	<i>BRCA2</i>	Pathogenic	c.6079dup

170	<i>BRCA2</i>	Pathogenic	c.6275_6276delTT
171	<i>BRCA2</i>	Pathogenic	c.6450dupA
172	<i>BRCA2</i>	Pathogenic	c.6486_6489del
173	<i>BRCA2</i>	Pathogenic	c.658_659del
174	<i>BRCA2</i>	Pathogenic	c.658_659delGT
175	<i>BRCA2</i>	Pathogenic	c.6591_6592del
176	<i>BRCA2</i>	Pathogenic	c.6644_6647delACTC
177	<i>BRCA2</i>	Likely Pathogenic	c.682-1G>C
178	<i>BRCA2</i>	Pathogenic	c.7007G>A
179	<i>BRCA2</i>	Pathogenic	c.7252C>T
180	<i>BRCA2</i>	Pathogenic	c.7558C>T
181	<i>BRCA2</i>	Pathogenic	c.7558C>T
182	<i>BRCA2</i>	Pathogenic	c.771_775delTCAAA
183	<i>BRCA2</i>	Pathogenic	c.7762_7764delinsTT
184	<i>BRCA2</i>	Pathogenic	c.7940T>C
185	<i>BRCA2</i>	Pathogenic	c.7958T>C
186	<i>BRCA2</i>	Pathogenic	c.7977-1G>C
187	<i>BRCA2</i>	Pathogenic	c.8487+1G>A
188	<i>BRCA2</i>	Likely Pathogenic	c.8487+3A>G
189	<i>BRCA2</i>	Pathogenic	c.8488-1G>A
190	<i>BRCA2</i>	Pathogenic	c.8537_8538del
191	<i>BRCA2</i>	Pathogenic	c.8537_8538delAG
192	<i>BRCA2</i>	Pathogenic	c.8607delT
193	<i>BRCA2</i>	Pathogenic	c.8904delC
194	<i>BRCA2</i>	Pathogenic	c.9004G>A
195	<i>BRCA2</i>	Pathogenic	c.9253delA
196	<i>BRCA2</i>	Pathogenic	c.9253dupA
197	<i>BRCA2</i>	Pathogenic	c.9382 C>T
198	<i>BRCA2</i>	Likely Pathogenic	c.9648+1G>C
199	<i>BRCA2</i>	Pathogenic	c.9924C>G
200	<i>BRCA2</i>	Pathogenic	specific alteration not available
201	<i>BRCA2</i>	Pathogenic	specific alteration not available
202	<i>BRCA2</i>	Pathogenic	specific alteration not available
203	<i>BRCA2</i>	Pathogenic	specific alteration not available
204	<i>BRCA2</i>	Pathogenic	specific alteration not available
205	<i>BRCA2</i>	Pathogenic	specific alteration not available