

Color Code Description	White = Identical Calls (based on the corresponding reported data)
	Green = Consistent Calls (based on Crystal's visual analysis of the reads supporting the variants)
	Red = Inconsistent Calls/NoCalls (based on Crystal's visual analysis of the reads supporting the variants)
	Yellow = Equivalent and Consistent Calls for Adjacent Rows (based on Crystal's visual analysis of the reads supporting the variants)
	Grey = Hard-to-assess Calls (insufficient data in Crystal's visual analysis of the reads supporting the variants)

Features & Coordinates				NIST's GiaB Variants www.genomeinabottle.org					Crystal Genetics' Variants www.crystalgenetics.com				
idx	gene	chr	position	varcall	ref	alt	var	filter	varcall	ref	alt	var	filter
1	BRCA2	13	32,889,968	1	G	A	1/1	PASS	1	G	A	1/1	PASS
2	BRCA2	13	32,890,026	1	C	T	1/1	PASS	1	C	T	1/1	PASS
3	BRCA2	13	32,890,227	1	G	T	0/1	PASS	1	G	T	0/1	PASS
4	BRCA2	13	32,890,572	1	G	A	0/1	PASS	1	G	A	0/1	PASS
5	BRCA2	13	32,891,798	1	T	C	0/1	PASS	1	T	C	0/1	PASS
6	BRCA2	13	32,892,217	1	C	T	1/1	PASS	1	C	T	1/1	PASS
7	BRCA2	13	32,892,735	1	T	C	1/1	PASS	1	T	C	1/1	PASS
8	BRCA2	13	32,892,760	1	A	C	0/1	PASS	1	A	C	0/1	PASS
9	BRCA2	13	32,893,791	1	A	G	1/1	PASS	1	A	G	1/1	PASS
10	BRCA2	13	32,895,377	1	G	C	1/1	PASS	1	G	C	1/1	PASS
11	BRCA2	13	32,897,288	1	ATT	A	0/1	PASS	0	-	-	-	-
12	BRCA2	13	32,897,289	0	-	-	-	-	1	TT	T	0/1	PASS
13	BRCA2	13	32,897,305	0	-	-	-	-	1	TTG	G	0/1	PASS
14	BRCA2	13	32,897,338	1	G	A	0/1	PASS	1	G	A	0/1	PASS
15	BRCA2	13	32,899,567	1	G	C	0/1	PASS	1	G	C	0/1	PASS
16	BRCA2	13	32,899,878	1	C	T	1/1	PASS	1	C	T	1/1	PASS
17	BRCA2	13	32,900,933	1	T	A	0/1	PASS	1	T	A	0/1	PASS
18	BRCA2	13	32,902,394	1	T	C	0/1	PASS	1	T	C	0/1	PASS
19	BRCA2	13	32,903,685	1	C	T	0/1	PASS	1	C	T	0/1	PASS
20	BRCA2	13	32,905,265	1	G	A	1/1	PASS	1	G	A	1/1	PASS
21	BRCA2	13	32,908,106	1	A	G	1/1	PASS	1	A	G	1/1	PASS
22	BRCA2	13	32,908,347	1	C	T	0/1	PASS	1	C	T	0/1	PASS
23	BRCA2	13	32,908,629	1	A	G	0/1	PASS	1	A	G	0/1	PASS
24	BRCA2	13	32,910,328	1	T	C	0/1	PASS	1	T	C	0/1	PASS
25	BRCA2	13	32,911,888	1	A	G	0/1	PASS	1	A	G	0/1	PASS
26	BRCA2	13	32,913,055	1	A	G	1/1	PASS	1	A	G	1/1	PASS
27	BRCA2	13	32,915,005	1	G	C	1/1	PASS	1	G	C	1/1	PASS
28	BRCA2	13	32,915,410	1	CAATT	C	0/1	PASS	1	CAATT	C	0/1	PASS
29	BRCA2	13	32,915,524	1	C	A	0/1	PASS	1	C	A	0/1	PASS
30	BRCA2	13	32,916,407	0	-	-	-	-	1	CAA	C	0/1	PASS
31	BRCA2	13	32,917,185	1	GA	G	0/1	PASS	1	GA	G	0/1	PASS
32	BRCA2	13	32,917,846	1	GA	G	0/1	PASS	1	GA	G	0/1	PASS
33	BRCA2	13	32,918,303	0	-	-	-	-	1	GAA	GAAA,G	1/2	PASS
34	BRCA2	13	32,918,941	1	A	G	0/1	PASS	1	A	G	0/1	PASS
35	BRCA2	13	32,918,967	1	G	A	0/1	PASS	1	G	A	0/1	PASS
36	BRCA2	13	32,919,526	1	A	T	0/1	PASS	1	A	T	0/1	PASS
37	BRCA2	13	32,919,637	1	T	G	0/1	PASS	1	T	G	0/1	PASS
38	BRCA2	13	32,920,016	1	G	A	1/1	PASS	1	G	A	1/1	PASS
39	BRCA2	13	32,920,078	1	T	A	0/1	PASS	1	T	A	0/1	PASS
40	BRCA2	13	32,920,844	1	T	C	1/1	PASS	1	T	C	1/1	PASS

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Features & Coordinates				NIST's GiaB Variants www.genomeinabottle.org				Crystal Genetics' Variants www.crystalgenetics.com			
idx	gene	chr	position	varcall	ref	alt	var filter	varcall	ref	alt	var filter
41	BRCA2	13	32,921,944	1	A	G	0/1 PASS	1	A	G	0/1 PASS
42	BRCA2	13	32,922,331	1	A	C	0/1 PASS	1	A	C	0/1 PASS
43	BRCA2	13	32,923,353	1	CAAAAAAAAAA	C	0/1 PASS	1	CAAAAAAAAAA	C	0/1 PASS
44	BRCA2	13	32,923,459	1	C	CA	0/1 PASS	1	C	CA	0/1 PASS
45	BRCA2	13	32,923,690	1	C	T	0/1 PASS	1	C	T	0/1 PASS
46	BRCA2	13	32,923,951	0	-	-	- -	1	CA	C	0/1 PASS
47	BRCA2	13	32,924,192	1	A	G	0/1 PASS	1	A	G	0/1 PASS
48	BRCA2	13	32,924,647	1	G	C	0/1 PASS	1	G	C	0/1 PASS
49	BRCA2	13	32,925,257	1	C	A	0/1 PASS	1	C	A	0/1 PASS
50	BRCA2	13	32,927,605	0	-	-	- -	1	TAAAGC	AGAGTACA	0/1 PASS
51	BRCA2	13	32,927,894	1	C	T	0/1 PASS	1	C	T	0/1 PASS
52	BRCA2	13	32,928,112	1	G	A	0/1 PASS	1	G	A	0/1 PASS
53	BRCA2	13	32,928,202	1	A	G	0/1 PASS	1	A	G	0/1 PASS
54	BRCA2	13	32,928,317	1	T	C	1/1 PASS	1	T	C	1/1 PASS
55	BRCA2	13	32,928,404	1	T	C	0/1 PASS	1	T	C	0/1 PASS
56	BRCA2	13	32,928,408	1	G	A	1/1 PASS	1	G	A	1/1 PASS
57	BRCA2	13	32,929,232	1	A	G	0/1 PASS	1	A	G	0/1 PASS
58	BRCA2	13	32,929,387	1	T	C	1/1 PASS	1	T	C	1/1 PASS
59	BRCA2	13	32,929,794	0	-	-	- -	1	T	G	0/1 PASS
60	BRCA2	13	32,930,936	1	G	A	1/1 PASS	1	G	A	1/1 PASS
61	BRCA2	13	32,932,613	0	-	-	- -	1	C	CA	0/1 PASS
62	BRCA2	13	32,933,926	1	A	G	0/1 PASS	1	A	G	0/1 PASS
63	BRCA2	13	32,933,937	1	A	G	1/1 PASS	1	A	G	1/1 PASS
64	BRCA2	13	32,934,911	1	G	A	0/1 PASS	1	G	A	0/1 PASS
65	BRCA2	13	32,935,406	1	T	C	0/1 PASS	1	T	C	0/1 PASS
66	BRCA2	13	32,936,646	1	T	C	1/1 PASS	1	T	C	1/1 PASS
67	BRCA2	13	32,938,881	1	A	G	0/1 PASS	1	A	G	0/1 PASS
68	BRCA2	13	32,939,286	1	T	G	0/1 PASS	1	T	G	1/1 PASS
69	BRCA2	13	32,939,314	1	C	T	1/1 PASS	1	C	T	1/1 PASS
70	BRCA2	13	32,940,345	1	C	A	1/1 PASS	1	C	A	1/1 PASS
71	BRCA2	13	32,940,888	1	C	T	0/1 PASS	1	C	T	0/1 PASS
72	BRCA2	13	32,941,716	1	A	AGATGGCTTG	1/1 PASS	1	A	AGATGGCTTG	1/1 PASS
73	BRCA2	13	32,941,940	1	A	T	0/1 PASS	1	A	T	0/1 PASS
74	BRCA2	13	32,942,945	1	T	G	0/1 PASS	1	T	G	0/1 PASS
75	BRCA2	13	32,942,947	1	G	T	0/1 PASS	1	G	T	0/1 PASS
76	BRCA2	13	32,942,956	1	G	GT	0/1 PASS	0	-	-	- -
77	BRCA2	13	32,942,957	0	-	-	- -	1	G	GT	0/1 PASS
78	BRCA2	13	32,943,836	1	G	A	0/1 PASS	1	G	A	0/1 PASS
79	BRCA2	13	32,944,056	1	G	T	0/1 PASS	1	G	T	0/1 PASS
80	BRCA2	13	32,944,098	1	G	A	0/1 PASS	1	G	A	0/1 PASS

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81	BRCA2	13	32,945,537	1	A	T	0/1	PASS	1	A	T	0/1	PASS
82	BRCA2	13	32,945,717	1	A	G	0/1	PASS	1	A	G	0/1	PASS
83	BRCA2	13	32,946,011	1	A	G	1/1	PASS	1	A	G	1/1	PASS
84	BRCA2	13	32,946,415	1	C	T	1/1	PASS	1	C	T	1/1	PASS
85	BRCA2	13	32,946,805	1	G	A	0/1	PASS	1	G	A	0/1	PASS
86	BRCA2	13	32,947,133	1	C	CT	0/1	PASS	1	C	CT	0/1	PASS
87	BRCA2	13	32,949,382	1	T	C	1/1	PASS	1	T	C	1/1	PASS
88	BRCA2	13	32,949,700	0	-	-	-	-	1	C	cT	1/1	PASS
89	BRCA2	13	32,950,257	1	A	G	1/1	PASS	1	A	G	1/1	PASS
90	BRCA2	13	32,950,658	1	C	CA	0/1	PASS	1	C	CA	0/1	PASS
91	BRCA2	13	32,951,111	1	A	C	0/1	PASS	1	A	C	0/1	PASS
92	BRCA2	13	32,951,115	1	C	T	0/1	PASS	1	C	T	0/1	PASS
93	BRCA2	13	32,951,454	1	C	T	0/1	PASS	1	C	T	0/1	PASS
94	BRCA2	13	32,951,596	1	A	C	0/1	PASS	1	A	C	0/1	PASS
95	BRCA2	13	32,951,727	0	-	-	-	-	1	CA	C	0/1	PASS
96	BRCA2	13	32,952,485	1	A	G	0/1	PASS	1	A	G	0/1	PASS
97	BRCA2	13	32,953,182	1	A	G	0/1	PASS	1	A	G	0/1	PASS
98	BRCA2	13	32,953,388	1	T	C	1/1	PASS	1	T	C	1/1	PASS
99	BRCA2	13	32,954,561	1	G	A	1/1	PASS	1	G	A	1/1	PASS
100	BRCA2	13	32,954,672	0	-	-	-	-	1	C	CT	0/1	PASS
101	BRCA2	13	32,954,741	1	T	A	1/1	PASS	1	T	A	1/1	PASS
102	BRCA2	13	32,955,397	1	C	T	1/1	PASS	1	C	T	1/1	PASS
103	BRCA2	13	32,956,109	1	G	A	0/1	PASS	1	G	A	0/1	PASS
104	BRCA2	13	32,956,283	1	G	A	0/1	PASS	1	G	A	0/1	PASS
105	BRCA2	13	32,957,239	1	C	CTGTAATCCAGCACTTTGGGAGGCC	0/1	PASS	1	C	CTGTAATCCAGCACTTTGGGAGGCCA	0/1	PASS
106	BRCA2	13	32,957,819	1	G	A	0/1	PASS	1	G	A	0/1	PASS
107	BRCA2	13	32,957,972	1	G	C	0/1	PASS	1	G	C	0/1	PASS
108	BRCA2	13	32,958,466	1	T	G	0/1	PASS	1	T	G	0/1	PASS
109	BRCA2	13	32,958,649	1	G	A	0/1	PASS	1	G	A	0/1	PASS
110	BRCA2	13	32,959,199	1	C	T	1/1	PASS	1	C	T	1/1	PASS
111	BRCA2	13	32,959,240	1	C	A	0/1	PASS	1	C	A	0/1	PASS
112	BRCA2	13	32,959,839	1	A	C	1/1	PASS	1	A	C	1/1	PASS
113	BRCA2	13	32,960,363	1	T	G	1/1	PASS	1	T	G	1/1	PASS
114	BRCA2	13	32,960,704	1	AAAAACCATTTGTATGAAGCAGAAA	A	0/1	PASS	1	AAAAACCATTTGTATGAAGCAGAAA	A	0/1	PASS
115	BRCA2	13	32,961,189	1	G	GC	1/1	PASS	1	G	GC	1/1	PASS
116	BRCA2	13	32,962,045	1	A	C	1/1	PASS	1	A	C	1/1	PASS
117	BRCA2	13	32,962,088	1	C	T	1/1	PASS	1	C	T	1/1	PASS
118	BRCA2	13	32,962,258	0	-	-	-	-	1	CT	C,CTT	1/2	PASS
119	BRCA2	13	32,962,318	1	T	C	1/1	PASS	1	T	C	1/1	PASS
120	BRCA2	13	32,962,679	1	T	A	0/1	PASS	1	T	A	0/1	PASS

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121	BRCA2	13	32,962,803	1	C	CT	0/1	PASS	1	C	CT	0/1	PASS
122	BRCA2	13	32,963,707	1	C	T	1/1	PASS	1	C	T	1/1	PASS
123	BRCA2	13	32,965,651	1	T	C	1/1	PASS	1	T	C	1/1	PASS
124	BRCA2	13	32,966,726	0	-	-	-	-	1	CAA	CA,C	1/2	PASS
125	BRCA2	13	32,967,466	1	A	G	1/1	PASS	1	A	G	1/1	PASS
126	BRCA2	13	32,968,591	1	G	A	1/1	PASS	1	G	A	1/1	PASS
127	BRCA2	13	32,968,607	1	A	G	1/1	PASS	1	A	G	1/1	PASS
128	BRCA2	13	32,970,031	1	T	C	0/1	PASS	1	T	C	0/1	PASS
129	BRCA2	13	32,970,736	1	G	C	1/1	PASS	1	G	C	1/1	PASS
130	BRCA2	13	32,971,425	1	T	C	1/1	PASS	1	T	C	1/1	PASS
131	BRCA2	13	32,971,706	1	AT	A	1/1	PASS	1	AT	A	1/1	PASS
132	BRCA2	13	32,973,276	1	A	G	0/1	PASS	1	A	G	0/1	PASS
133	BRCA2	13	32,973,439	1	A	G	0/1	PASS	1	A	G	0/1	PASS
134	BRCA2	13	32,973,736	1	AT	A	0/1	PASS	1	AT	A	0/1	PASS