Suppl 2. List of All Detected Pathogenic/Likely Pathogenic Variants

Gene	Exon/intron	Nucleotide change	Amino acid change	Variant type	Frequency*
APC	Exon 16	c.3920T>A	p.Ile1307Lys	Missense	3
ATM	Exon 15	c.2284_2285del	p.Leu762Valfs*2	Deletion	1
ATM	Exon 29	c.4358_4359del	p.Ile1453Lysfs*37	Deletion	1
ATM	Exon 38	c.5755C>T	p.Gln1919*	Nonsense	1
ATM	Exon 52	c.7788G>A	Silent	Splice Site Variant	1
ATM	Exon 55	c.8122G>A	p.Asp2708Asn	Missense	1
BRCA1	Exon 2	c.66dup	p.Glu23Argfs*18	Duplication	1
BRCA1	Exon 18	c.5161C>T	p.Gln1721*	Nonsense	1
BRCA1	Exon 23	c.5431C>T	p.Gln1811Ter	Missense	1
BRCA1	Intron 9	c.671-1G>T	Splice acceptor	Splice Site Variant	1
BRCA2	Exons 5-11	Duplication	Duplication	Duplication	1
BRCA2	Exon 11	c.2254_2257del	p.Asp752Phefs*19	Deletion	2
BRCA2	Exon 11	c.5351dup	p.Asn1784Lysfs*3	Duplication	1
BRCA2	Exon 22	c.8760T>G	p.Tyr2920*	Nonsense	1
BRIP1	Intron 17	c.2493-2A>G	Splice acceptor	Splice Site Variant	1
CHEK2	Exon 4	c.499G>A	p.Gly167Arg	Missense	3
CHEK2	Exon 4	c.470T>C	p.Ile157Thr	Missense	1
CHEK2	Intron 2	c.320-1G>T	Splice acceptor	Splice Site Variant	1
CHEK2	Intron 4	c.592+3A>T	Intronic	Splice Site Variant	1
PALB2	Exon 4	c.682C>T	p.Gln228*	Nonsense	1
RAD50	Exon 1	c.72del	p.Ile25Serfs*25	Deletion	1
SDHB	Exon 2	c.143A>T	p.Asp48Val	Missense	1

*Some patients had more than one variant.