

## Seraseq<sup>®</sup> HRD Reference Materials

*For Research Use Only. Not for use in diagnostic procedures.*

This file lists the genomic coordinates corresponding to the additional plasmid DNA spike-ins of homologous recombination repair (HRR) genes included in Seraseq FFPE HRD High-Positive Reference Material (0710-2643), Seraseq FFPE HRD Negative Reference Material (0710-2644), Seraseq gDNA HRD High-Positive Mix (0710-2879), and Seraseq gDNA HRD Negative Mix (0710-2881).

Gene	Nucleotide change	Protein change	Transcript	GRCh37 Location	GRCh38 Location	COSMIC ID	Type of nucleotide alteration
ATM	c.208A>T	p.K70*	NM_000051.4	11:108099927	11:108229200	N/A	SNV
ATM	c.557del	p.L186fs	NM_000051.4	11:108114737	11:108244010	N/A	Deletion
BRIP1	c.107T>G	p.L36*	NM_032043.3	17:59937255	17:61859894	N/A	SNV
BRIP1	c.157dup	p.S53Kfs*16	NM_032043.3	17:59937205	17:61859844	N/A	Insertion
RAD51C	c.242C>A	p.S81*	NM_058216.3	17:56772388	17:58695027	N/A	SNV
RAD51C	c.338dup	p.G114Wfs*25	NM_058216.3	17:56772480	17:58695119	N/A	Insertion
RAD51D	c.271A>T	p.K91*	NM_002878.4	17:33434459	17:35107440	N/A	SNV
RAD51D	c.392dup	p.N131Kfs*23	NM_002878.4	17:33434095	17:35107076	N/A	Insertion