Table S4. The types of somatic mutations found for *BRCA1*.

Cancer	*BRCA1*						
	Missense	Nonsense	Silent	Splice Site	Deletion (FS)	Insertion (FS)	Deletion (in frame)
Acute Myeloid Leukemia	-	-	-	-	-	-	-
Bladder Urothelial Carcinoma	4	1	1	-	-	-	-
Brain Lower Grade Glioma	1	-	2	-	-	-	-
Breast invasive carcinoma	5	1	1	2	2	1	1
Cervical squamous cell carcinoma and endocervical adenocarcinoma	2	-	1	-	-	-	-
Colon adenocarcinoma	12	-	4	-	-	1	-
Glioblastoma multiforme	4	-	-	-	-	-	-
Head and Neck squamous cell carcinoma	8	-	3	1	-	-	-
Kidney Chromophobe	-	-	-	-	-	-	-
Kidney renal clear cell carcinoma	3	-	-	-	-	-	-
Kidney renal papillary cell carcinoma	1	-	-	-	-	-	-
Lung adenocarcinoma	10	2	4		-	-	-
Ovarian serous cystadenocarcinoma	2	7	-	2	5	3	-
Prostate adenocarcinoma	-	-	-	-	-	-	-
Rectum adenocarcinoma	2	1	-	-	-	-	-
Skin Cutaneous Melanoma	8	1	3	-	1	-	-
Stomach adenocarcinoma	14	1	3	-	1	1	-
Thyroid carcinoma	1	-	-	-	-	-	-
Uterine Corpus Endometrioid Carcinoma	14	2	5	1	-	-	-
Lung squamous cell carcinoma	9	2	1	1	-	-	-