

Tumor Type	Abbreviation	Tumor Sample Size	Normal Sample Size (*)	Total Fusion Called	Valiated by Copy Number (%)	WGS sample size	Validated by Structural Variation (%)
Adrenocortical carcinoma	ACC	79	0	233	54.5	0	NA
Bladder Urothelial Carcinoma	BLCA	414	17	1110	49.55	19	65.96
Breast invasive carcinoma	BRCA	1119	103	4169	57.18	90	71.98
Cervical squamous cell carcinoma and endocervical adenocarcinoma	CESC	306	3	454	42.73	10	52.00
Cholangiocarcinoma	CHOL	36	9	60	73.33	0	NA
Colon adenocarcinoma	COAD	310	0	297	42.42	17	44.12
Lymphoid Neoplasm Diffuse Large B-cell Lymphoma	DLBC	48	0	40	55.00	2	92.31
Esophageal carcinoma	ESCA	185	9	367	68.94	12	88.79
Glioblastoma multiforme	GBM	164	5	288	68.75	39	80.00
Head and Neck squamous cell carcinoma	HNSC	522	44	747	42.8	30	57.7
Kidney Chromophobe	KICH	66	25	43	30.23	15	40.63
Kidney renal clear cell carcinoma	KIRC	541	71	270	37.78	17	61.36
Kidney renal papillary cell carcinoma	KIRP	291	32	186	37.63	5	81.25
Acute Myeloid Leukemia	LAML	179	0	126	19.05	11	42.86
Brain Lower Grade Glioma	LGG	534	0	778	50.64	34	74.33
Liver hepatocellular carcinoma	LIHC	374	48	836	57.89	37	58.64
Lung adenocarcinoma	LUAD	541	58	1479	41.24	52	67.72
Lung squamous cell carcinoma	LUSC	502	51	1321	47.09	42	71.35
Mesothelioma	MESO	87	0	135	45.19	0	NA
Ovarian serous cystadenocarcinoma	OV	428	0	414	95.65	18	79.31
Pancreatic adenocarcinoma	PANAD	179	0	191	40.84	0	NA
Pheochromocytoma and Paraganglioma	PCPG	184	3	127	66.93	0	NA
Prostate adenocarcinoma	PRAD	502	47	1746	44.79	9	47.17
Rectum adenocarcinoma	READ	95	10	130	53.08	1	50.00
Sarcoma	SARC	263	0	1740	71.72	38	94.58
Skin Cutaneous Melanoma	SKCM	476	0	1180	58.39	32	79.07
Stomach adenocarcinoma	STAD	414	30	764	58.25	10	66.13
Testicular Germ Cell Tumors	TGCT	156	0	81	38.27	0	NA
Thyroid carcinoma	THCA	513	59	189	18.52	16	71.43
Thymoma	THYM	120	0	48	56.25	0	NA
Uterine Corpus Endometrial Carcinoma	UCEC	185	24	771	66.93	5	73.17
Uterine Carcinosarcoma	UCS	57	0	380	65.79	0	NA
Uveal Melanoma	UVM	80	0	31	51.61	0	NA
Total		9950	648	20731		561	