

S6 Table. Different cancer types showing TMB median and range derived from 295- and 1021-gene panels, respectively

Cancer type	No. of patients in total (%)	Median (range)	No. of cases using 295-gene panel	295-TMB median (range)	No. of cases using 1021- gene panel	1021-TMB median (range)	p-value
Breast cancer	41 (1.76)	6 (2-7)	33	6 (2-17)	8	8 (5-12)	0.180
Cervical cancer	49 (2.10)	6 (2-37)	28	6 (2-14)	21	6 (2-37)	0.224
Colorectal cancer	681 (29.2)	7 (2-802)	467	7 (2-145)	214	8 (2-802)	< 0.001
Endometrial cancer	25 (1.07)	7 (2-274)	9	4 (2-42)	16	24 (4-274)	0.022
Esophageal cancer	19 (0.81)	10 (3-41)	14	9 (3-41)	5	13 (4-20)	0.290
Gallbladder cancer	16 (0.69)	5 (2-82)	9	4 (2-8)	7	12 (4-82)	0.017
Gastric cancer	147 (6.30)	5 (2-98)	127	5 (2-98)	20	6 (3-41)	0.039
Liver cancer	69 (2.96)	4 (2-71)	53	4 (2-13)	16	7 (2-71)	0.022
Lung cancer	510 (21.87)	6 (2-55)	406	6 (2-37)	104	7 (2-55)	0.307
Melanoma	232 (9.95)	4 (2-227)	195	4 (2-227)	37	4 (2-21)	0.534
Ovarian cancer	129 (5.53)	5 (2-29)	79	4 (2-29)	50	5 (2-19)	0.422
Pancreatic carcinoma	42 (1.80)	5 (2-12)	34	4 (2-11)	8	6 (4-12)	0.106
SCC of the penis	57 (2.44)	5 (2-29)	57	5 (2-29)	0	NA	NA
Salivary gland carcinoma	46 (1.97)	3 (2-9)	0	NA	46	3 (2-9)	NA
Sarcoma	96 (4.12)	4 (2-17)	76	4 (2-10)	20	5 (2-17)	0.968
Unknown	173 (7.42)	NA	NA	NA	NA	NA	NA

NA, not available; SCC, squamous cell carcinoma; TMB, tumor mutational burden.