

A

Ptgs2 values higher than 4-fold the *Ptgs2* median value across the samples:

Histotype	Total number of samples	Number of samples with <i>ptgs2</i> value > 3xwhole-genome-median within each dataset	Percentage fraction
Breast	508	10	1.97
Sarcomas	57	4	7.02
Stroma	34	31	91.18
MSC	73	57	78.08
Lung	233	69	29.61
Brain	135	11	8.15
Bladder	44	18	40.91
Lymphoma	21	2	9.52
prostate	80	35	43.75
pancreas	19	4	21.05
liver	43	2	4.65
gastrointestinal tract	41	4	9.76
Kidney	264	9	3.41
ovary	223	7	3.14
endometrium	69	1	1.45
melanoma	68	15	22.06
others	967	167	17.27

B

Ptgs2 values higher than 3-fold the whole-genome median value within the dataset of each sample:

Histotype	Total number of samples	Number of samples with <i>ptgs2</i> value > 3xwhole-genome-median within each dataset	Percentage fraction
Breast	508	25	4.92
Sarcomas	57	5	8.77
Stroma	34	33	97.06
MSC	73	43	58.90
Lung	233	75	32.19
Brain	135	31	22.96
Bladder	44	25	56.82
Lymphoma	21	2	9.52
prostate	80	37	46.25
pancreas	19	2	10.53
liver	43	2	4.65
gastrointestinal tract	41	32	78.05
Kidney	264	9	3.41
ovary	223	15	6.73
endometrium	69	1	1.45
melanoma	68	20	29.41
others	967	170	17.58