

Additional file 1: Table S1 Number of samples in 17 tumor types in COSMIC v71

Tumor Type	COSMIC samples *	WGS&WEX ^	Exclude Hyper-mutator #
Bladder	3872	364	358
Bone	704	81	79
Brain	8457	1366	1354
Breast	4994	1152	1140
Colon	29413	694	684
Endometrium	2293	271	260
Head&Neck	3036	710	699
Kidney	3616	879	867
Liver	2448	900	890
Lung	10520	969	951
Myeloid	52500	1344	1336
Ovarian	3378	647	640
Pancreas	5561	800	789
Prostate	953	508	501
Skin	9072	655	650
Stomach	3615	621	613
Thyroid	13967	444	439

* Number of samples that were collected by COSMIC v71; ^ Number of samples that were subjected to either whole genome or whole exome sequencing; # Number of samples after excluding samples that were shown to be hyper-mutated.