

Supplementary Table 1

Supplementary Table 1. PARK2 mutants in human lung cancer. 46 Parkin mutations in cBioPortal (<http://www.cbioportal.org/>).

	Cancer Study	AA change	Type	Copy #	COSMIC	Mutation Assessor	Allele Freq (T)	# Mut in Sample
LUAD-S01467	Lung adeno (Broad)	R156*3D	Nonsense	Diploid	1		NA	279
LUAD-B02594	Lung adeno (Broad)	X179_splice3D	Splice	Diploid			NA	634
LUAD-GU4I3	Lung adeno (Broad)	G336F3D	Missense	Diploid			NA	39
LUAD-CHTN-MAD06...	Lung adeno (Broad)	H373D3D	Missense	Diploid	1	Medium	NA	92
LUAD-B00915	Lung adeno (Broad)	C449F3D	Missense	Diploid	1	High	NA	440
WA7899	LUAD (MSKCC)	V43L3D	Missense	NA		Neutral	0.08	122
TCGA-78-7159-01	Lung adeno (TCGA pub)	A138P	Missense	ShallowDel	1	Low	0.18	258
TCGA-05-4410-01	Lung adeno (TCGA pub)	G213V3D	Missense	Diploid	1	Low	0.22	982
TCGA-44-7670-01	Lung adeno (TCGA pub)	R275P3D	Missense	ShallowDel	3	Medium	0.35	941
TCGA-78-7155-01	Lung adeno (TCGA pub)	E322*3D	Nonsense	Diploid	1		0.27	1340
TCGA-64-5775-01	Lung adeno (TCGA pub)	P343Q3D	Missense	ShallowDel	3	Medium	0.74	402
TCGA-55-7907-01	Lung adeno (TCGA pub)	E353*3D	Nonsense	Diploid	1		0.3	963
TCGA-05-4410-01	Lung adeno (TCGA pub)	G354R3D	Missense	Diploid	1	Neutral	0.22	982
TCGA-49-4501-01	Lung adeno (TCGA pub)	X429_splice3D	Splice	Diploid			0.1	72
TCGA-05-4390-01	Lung adeno (TCGA pub)	W453L3D	Missense	ShallowDel	1	Low	0.16	495
TCGA-49-4501-01	Lung adeno (TCGA)	MUTATED	Splice	Diploid			0.1	72
TCGA-78-7159-01	Lung adeno (TCGA)	A138P	Missense	ShallowDel	1	Low	0.18	258
TCGA-05-4410-01	Lung adeno (TCGA)	G213V3D	Missense	Diploid	1	Low	0.22	982
TCGA-44-7670-01	Lung adeno (TCGA)	R275P3D	Missense	ShallowDel	3	Medium	0.35	941
TCGA-78-7155-01	Lung adeno (TCGA)	E322*3D	Nonsense	Diploid	1		0.27	1340
TCGA-64-5775-01	Lung adeno (TCGA)	P343Q3D	Missense	ShallowDel	3	Medium	0.74	402
TCGA-55-7907-01	Lung adeno (TCGA)	E353*3D	Nonsense	Diploid	1		0.3	963
TCGA-05-4410-01	Lung adeno (TCGA)	G354R3D	Missense	Diploid	1	Neutral	0.22	982
TCGA-05-4390-01	Lung adeno (TCGA)	W453L3D	Missense	ShallowDel	1	Low	0.16	495
TCGA-66-2777-01	Lung squ (TCGA pub)	MUTATED	Splice	Diploid			0.16	165
TCGA-18-3416-01	Lung squ (TCGA pub)	R97L	Missense	Gain		Low	0.11	874
TCGA-18-3409-01	Lung squ (TCGA pub)	P113S	Missense	Diploid	1	Medium	0.27	2434
TCGA-34-2608-01	Lung squ (TCGA pub)	V186B3D	Missense	Diploid	1	Medium	0.07	116
TCGA-21-1081-01	Lung squ (TCGA pub)	H200P3D	Missense	Diploid	1	Neutral	0.28	171
TCGA-21-5787-01	Lung squ (TCGA pub)	K211N3D	Missense	Diploid	1	Medium	0.21	365
TCGA-60-2713-01	Lung squ (TCGA pub)	I229F3D	Missense	Diploid	2	Medium	0.04	202
TCGA-66-2754-01	Lung squ (TCGA pub)	E300G3D	Missense	Diploid	1	Medium	0.36	396
TCGA-66-2757-01	Lung squ (TCGA pub)	Q347H3D	Missense	Gain	2	Low	0.52	209
TCGA-66-2763-01	Lung squ (TCGA pub)	A405P3D	Missense	ShallowDel	1	Low	0.43	332
TCGA-18-3409-01	Lung squ (TCGA)	P113S	Missense	Diploid	1	Medium	0.27	2505
TCGA-66-2777-01	Lung squ (TCGA)	X138_splice	Splice	Diploid			0.16	166
TCGA-34-2608-01	Lung squ (TCGA)	V186B3D	Missense	ShallowDel	1	Medium	0.07	132
TCGA-21-1081-01	Lung squ (TCGA)	H200P3D	Missense	Diploid	1	Neutral	0.28	171
TCGA-21-5787-01	Lung squ (TCGA)	K211N3D	Missense	DeepDel	1	Medium	0.21	359
TCGA-60-2713-01	Lung squ (TCGA)	I229F3D	Missense	Diploid	2	Medium	0.04	220
TCGA-66-2754-01	Lung squ (TCGA)	E300G3D	Missense	ShallowDel	1	Medium	0.36	270
TCGA-22-4593-01	Lung squ (TCGA)	D346N3D	Missense	Diploid	1	Low	0.04	166
TCGA-66-2757-01	Lung squ (TCGA)	Q347H3D	Missense	Gain	2	Low	0.52	229
TCGA-66-2763-01	Lung squ (TCGA)	A405P3D	Missense	ShallowDel	1	Low	0.43	359
134430	Lung SC (JHU)	C95S	Missense	NA	1		NA	150
2334201	Lung SC (JHU)	T222A3D	Missense	NA	2		NA	173