

Table 1 Characteristics of the patients with p53 mutations in NSCLC

Case no	Sex	Age	Histology	T	N	Stage	Smoking	Exon	Mutation of p53		Prognosis
									Codon	Base change	
1	M	69	LA	2	0	I	(+)	5	132	AAG→AAT	56.2 (M) alive
2	F	60	AD	2	0	I	(-)	5	132	AAG→AGG	44.0 (M) dead
3	M	67	SQ	3	0	IIIA	(+)	5	132	AAG→AGG	47.7 (M) alive
4	M	55	SQ	2	1	II	(+)	5	133	ATG→ATT	56.1 (M) alive
5	M	64	AD	3	3	IIIB	(+)	5	133	ATG→ACG	14.4 (M) dead
6	M	50	LA	2	0	I	(+)	5	137	CTG→ATG	24.5 (M) alive
7	M	64	AD	2	0	I	(+)	5	137	CTG→ATG	8.8 (M) alive
8	M	74	SQ	2	0	I	(+)	5	143	GTG→GCG	48.7 (M) alive
9	M	62	AD	2	2	IIIA	(-)	5	148	GAT→TAT	12.1 (M) dead
10	M	72	SQ	2	0	I	(+)	5	150	ACA→AAA	43.0 (M) alive
11	M	73	LA	2	0	I	(+)	5	150	ACA→AAA	25.9 (M) alive
12	M	55	AD	4	3	IIIB	(+)	5	153	CCC→TCC	42.9 (M) dead
13	M	69	SQ	2	0	I	(-)	5	153	CCC→ACC	25.9 (M) dead
14	F	75	AD	3	0	IIIA	(-)	5	157	GTC→ATC	21.0 (M) alive
15	F	70	AD	1	0	I	(-)	5	157	GTC→ATC	57.6 (M) alive
16	M	70	LA	2	0	I	(+)	5	157	GTC→TTC	58.3 (M) alive
17	M	61	SQ	1	3	IIIB	(+)	5	157	GTC→TTC	5.9 (M) dead
18	M	71	SQ	3	2	IIIA	(+)	5	157	GTC→GAC	4.9 (M) dead
19	M	66	SQ	1	0	I	(+)	5	158	CGC→CAC	37.5 (M) alive
20	M	65	LA	3	0	IIIA	(+)	5	158	CGC→CTC	33.9 (M) alive
21	M	70	SQ	3	0	IIIA	(+)	5	158	CGC→CTC	60.8 (M) alive
22	F	58	AD	1	0	I	(-)	5	158	CGC→GGC	35.6 (M) alive
23	F	65	AD	1	2	IIIA	(-)	5	161	GCC→GAC	42.1 (M) dead
24	M	63	SQ	2	1	II	(+)	5	163	TAC→TAG	11.4 (M) dead
25	M	53	AD	1	0	I	(+)	5	163	TAC→TAT	43.6 (M) alive
26	M	68	LA	2	0	I	(-)	5	169	ATG→ATA	38.4 (M) alive
27	M	55	AD	2	0	I	(+)	5	175	CGC→AGC	31.5 (M) alive
28	M	69	SQ	2	0	I	(+)	5	175	CGC→AGC	52.6 (M) alive
29	F	60	SQ	3	1	IIIA	(+)	5	175	CGC→AGC	37.9 (M) alive
30	F	59	AD	1	2	IIIA	(-)	5	175	CGC→CAC	30.5 (M) alive
31	M	57	SQ	2	0	I	(+)	5	175	CGC→CAC	35.1 (M) alive
32	M	63	SQ	2	0	I	(+)	5	175	CGC→CAC	34.7 (M) alive
33	M	61	SQ	3	2	IIIA	(+)	5	175	CGC→GGC	40.8 (M) alive
34	M	43	LA	2	3	IIIB	(-)	6	213	CGA→TGA	5.8 (M) dead
35	M	65	SQ	1	0	I	(+)	7	228	GAC→AAC	16.1 (M) dead
36	F	61	AD	1	1	II	(-)	7	228	GAC→GGC	51.7 (M) alive
37	M	56	SQ	1	0	I	(+)	7	235	AAC→TAC	39.3 (M) dead
38	F	68	SQ	2	0	I	(+)	7	239	AAC→ACC	14.2 (M) dead
39	M	69	SQ	3	0	IIIA	(+)	7	245	GGC→CGC	22.4 (M) alive
40	M	69	AD	4	0	IIIB	(+)	7	245	GGC→CGC	14.8 (M) dead
41	M	50	SQ	3	1	IIIA	(+)	7	245	GGC→TGC	15.9 (M) dead
42	M	70	AD	3	2	IIIA	(+)	7	245	GGC→GGA	14.6 (M) alive
43	M	71	AD	2	1	II	(+)	7	246	ATG→CTG	30.3 (M) dead
44	M	57	AD	3	2	IIIA	(+)	7	248	CGG→CAG	10.2 (M) dead
45	M	60	AD	1	0	I	(+)	7	248	CGG→CAG	7.1 (M) dead
46	M	52	SQ	2	1	II	(+)	7	248	CGG→CTG	67.8 (M) alive
47	M	72	AD	2	3	IIIB	(+)	7	248	CGG→TGG	11.3 (M) dead
48	M	68	AD	3	0	IIIA	(+)	7	248	CGG→TGG	52.0 (M) alive
49	M	72	AD	3	0	IIIA	(+)	7	248	CGG→TGG	11.7 (M) dead
50	M	46	SQ	2	1	II	(+)	7	248	CGG→TGG	22.4 (M) alive
51	F	66	AD	3	0	IIIA	(+)	7	249	AGG→AAG	20.5 (M) alive
52	M	82	AD	1	0	I	(+)	7	249	AGG→ATG	21.7 (M) alive
53	F	69	SQ	2	0	I	(+)	7	249	AGG→ATG	52.9 (M) alive
54	M	68	SQ	2	0	I	(+)	7	251	ATC→ACC	29.0 (M) alive
55	M	58	SQ	1	0	I	(+)	7	255	ATC→TTC	66.7 (M) alive
56	F	69	AD	2	0	I	(-)	8	265	CTG→TTG	42.2 (M) alive
57	F	70	LA	2	1	II	(+)	8	266	GGA→GAA	30.6 (M) dead
58	M	74	SQ	1	0	I	(+)	8	270	TTT→TGT	49.8 (M) alive
59	M	50	SQ	4	2	IIIB	(-)	8	270	TTT→TGT	11.3 (M) dead
60	M	71	SQ	4	0	IIIB	(+)	8	273	CGT→CAT	11.7 (M) dead
61	M	78	SQ	2	0	I	(+)	8	273	CGT→CAT	12.1 (M) dead
62	M	48	SQ	2	0	I	(-)	8	273	CGT→TGT	59.4 (M) alive
63	M	55	AD	2	1	II	(+)	8	273	CGT→TGT	22.7 (M) dead
64	F	61	AD	2	2	IIIA	(+)	8	273	CGT→CTT	22.0 (M) dead
65	M	49	AD	3	1	IIIA	(+)	8	273	CGT→CTT	8.1 (M) dead
66	M	69	AD	1	2	IIIA	(+)	8	273	CGT→CGC	25.9 (M) alive
67	F	59	AD	3	2	IIIA	(-)	8	275	TGT→TCT	12.5 (M) alive
68	M	71	LA	1	2	IIIA	(+)	8	280	AGA→GGA	15.6 (M) dead
69	M	81	SQ	2	0	I	(+)	8	280	AGA→ACA	20.2 (M) dead
70	M	83	SQ	4	0	IIIB	(+)	8	281	GAC→GAA	5.3 (M) dead
71	M	68	SQ	2	0	I	(+)	8	281	GAC→GAA	13.2 (M) dead
72	M	69	AD	2	0	I	(+)	8	283	CGC→CCC	11.2 (M) dead
73	M	68	SQ	2	0	I	(+)	8	283	CGC→CCC	48.6 (M) alive
74	M	54	AD	1	2	IIIA	(-)	8	283	CGC→TGC	9.0 (M) dead
75	F	71	AD	1	2	IIIA	(-)	8	285	GAG→AAG	28.5 (M) alive

AD, adenocarcinoma; SQ, squamous cell carcinoma; LA, large cell carcinoma. case 42, case 56, and case 66 are non-missense mutation