

S2 Table. Clinical and pathogenetical data of *BRAF*-mutated lung carcinomas

No.	Age (yr)	Sex	Smoking	Pack Year	Location ¹⁾	Method	Diagnosis	BRAF	Class	EGFR	ALK IHC	VE1	Primary Pattern	Secondary Pattern
1	70	F	NS	-	L	R	ADC	V600E	I	-	-	+	Papillary	Micropapillary
2	63	M	PS	16	LN	B	ADC	V600E	I	-	-	+	Micropapillary	-
3	77	F	NS	-	O	R	ADC	V600E	I	-	-	+	-	-
4	70	F	NS	-	B	B	Others	V600E	I	-	-	+	-	-
5	62	F	NS	-	L	R	ADC	V600E	I	-	-	+	Solid	-
6	74	F	NS	-	L	R	ADC	V600E	I	-	-	+	Micropapillary	-
7	52	F	NS	-	LN	B	ADC	V600E	I	-	-	+	-	-
8	60	F	NS	-	L	R	ADC	V600E	I	-	-	+	Micropapillary	Papillary
9	61	F	NS	-	P	B	ADC	V600E	I	-	-	-	-	-
10	43	M	CS	10	L	B	ADC	V600E	I	-	-	NA	-	-
11	81	M	PS	10	L	R	ADC	V600E	I	-	-	NA	Papillary	Micropapillary
12	65	M	PS	40	L	R	ADC	V600E	I	-	-	NA	Papillary	Acinar
13	62	M	PS	52.5	B	B	ADC	V600E	I	-	-	NA	-	-
14	63	M	PS	5	LN	B	ADC	V600E	I	-	-	NA	-	-
15	62	F	NS	-	L	R	ADC	V600E	I	-	-	NA	Solid	Other
16	60	F	NS	-	L	R	ADC	V600E	I	-	-	NA	Papillary	-
17	60	F	NS	-	L	R	ADC	V600E	I	-	-	+	Micropapillary	Papillary
18	76	F	NS	-	LN	B	ADC	V600E	I	-	-	NA	-	-
19	62	F	NS	-	L	R	ADC	V600E	I	-	-	NA	Solid	Other

20	78	F	NS	-	LN	B	ADC	V600E	I	-	-	NA	-	-
21	61	M	PS	52.5	LN	B	ADC	K601E	II	+	NA	-	-	-
22	64	M	CS	45	L	R	SQC	G469R	II	-	-	-	-	-
23	58	M	NS	-	O	B	ADC	G469E	III	-	-	-	-	-
24	70	M	CS	40	L	R	ADC	G469A	II	-	-	NA	Acinar	-
25	67	M	NS	-	P	B	ADC	N581S	III	-	-	-	-	-
26	70	M	CS	20	O	B	Others	G466A	III	-	-	NA	-	-
27	39	F	NS	-	L	B	ADC	I374V		NA	+	NA	-	-
28	59	M	NS	-	B	B	ADC	I326V		+	-	+	-	-
29	56	M	PS	20	B	B	ADC	I326V		+	-	-	-	-
30	60	F	PS	10	LN	B	Others	I326V		NA	NA	-	-	-
31	56	F	NS	-	L	B	Others	I326V		-	-	-	-	-
32	60	M	NS	-	L	B	ADC	M689I		+	-	-	-	-
33	68	M	CS	100	L	R	ADC	G209D		-	-	NA	Solid	-
34	59	F	NS	-	LN	B	ADC	E80Q		-	-	NA	-	-
35	88	F	NS	-	L	B	ADC	E533G		+	-	NA	-	-
36	80	M	PS	50	B	B	ADC	E375Q		+	-	-	-	-
37	65	F	NS	-	L	B	ADC	E26Q		+	-	-	-	-
38	71	M	CS	50	L	R	SQC	A404P		-	-	-	-	-
39	52	M	PS	18.75	L	R	ADC	A12V		-	-	-	Solid	-

F, female; M, male; NS, never smoker; PS, previous smoker; CS, current smoker; L, lung; B, bronchus (transbronchial); LN, lymph node; P, pleura; O, other site; B, biopsy; R, resection; ADC, adenocarcinoma; SQC, squamous cell carcinoma; NA, Not available.