

**Table S1. Clinicopathological factors of NSCLC patients (Osimertinib-sensitive/-resistant)**

Patient	Osimertinib reactivity	Age (yr)	Gender	Smoking status	Histology	EGFR mutation	Osimertinib taking time
1	Sensitive	56	Female	Never	Adenocarcinoma	19 Del	1 months
2	Sensitive	60	Male	Current	Adenocarcinoma	19 Del	2 months
3	Sensitive	64	Male	Current	Adenocarcinoma	19 Del	1.5 months
4	Sensitive	48	Female	Never	Adenocarcinoma	L858R	3 months
5	Sensitive	59	Female	Never	Adenocarcinoma	L858R	2 months
6	Sensitive	73	Female	Never	Adenocarcinoma	19 Del	1 months
7	Sensitive	55	Male	Never	Adenocarcinoma	L858R	2.5 months
8	Sensitive	56	Female	Never	Adenocarcinoma	L858R	1.5 months
9	Sensitive	49	Female	Never	Adenocarcinoma	19 Del	3 months
10	Sensitive	52	Female	Never	Adenocarcinoma	19 Del	2 months
11	Sensitive	60	Male	Current	Adenocarcinoma	L858R	1 months
12	Sensitive	76	Male	Current	Adenocarcinoma	L858R	1.5 months
13	Sensitive	57	Female	Unknown	Adenocarcinoma	L858R	1 months
14	Sensitive	72	Female	Never	Adenocarcinoma	19 Del	2.5 months
15	Sensitive	49	Male	Never	Adenocarcinoma	L858R	1 months
16	Resistant	64	Male	Never	Adenocarcinoma	19 Del	2 months
17	Sensitive	52	Female	Never	Adenocarcinoma	L858R	1 months
18	Sensitive	68	Female	Never	Adenocarcinoma	L858R	3 months
19	Sensitive	74	Male	Never	Adenocarcinoma	19 Del	1 months
20	Sensitive	69	Male	Current	Adenocarcinoma	19 Del	2 months
21	Sensitive	75	Female	Unknown	Adenocarcinoma	L858R	3 months
22	Sensitive	81	Female	Never	Adenocarcinoma	19 Del	1 months
23	Resistant	68	Male	Current	Adenocarcinoma	L858R	2 months

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24	Sensitive	74	Male	Current	Adenocarcinoma	19 Del	1 months
25	Resistant	72	Female	Never	Adenocarcinoma	L858R	2.5 months
26	Resistant	76	Female	Never	Adenocarcinoma	L858R	12 months
27	Resistant	69	Male	Current	Adenocarcinoma	19 Del	7 months
28	Resistant	63	Female	Never	Adenocarcinoma	L858R	11 months
29	Resistant	65	Male	Current	Adenocarcinoma	19 Del	22 months
30	Resistant	68	Female	Never	Adenocarcinoma	L858R	13 months
31	Resistant	48	Female	Never	Adenocarcinoma	L858R	8 months
32	Resistant	47	Female	Never	Adenocarcinoma	19 Del	11 months
33	Resistant	56	Male	Unknown	Adenocarcinoma	19 Del	13 months
34	Resistant	67	Female	Unknown	Adenocarcinoma	L858R	9 months
35	Resistant	59	Male	Current	Adenocarcinoma	19 Del	18 months
36	Resistant	68	Male	Never	Adenocarcinoma	L858R	14 months
37	Resistant	71	Female	Never	Adenocarcinoma	19 Del	9 months
38	Resistant	86	Male	Current	Adenocarcinoma	L858R	12 months
39	Resistant	68	Male	Current	Adenocarcinoma	L858R	8 months
40	Resistant	76	Female	Never	Adenocarcinoma	19 Del	11 months
41	Resistant	71	Male	Never	Adenocarcinoma	L858R	16 months
42	Resistant	67	Female	Never	Adenocarcinoma	L858R	7 months
43	Resistant	69	Female	Never	Adenocarcinoma	L858R	14 months
44	Resistant	72	Male	Current	Adenocarcinoma	19 Del	17 months
45	Resistant	74	Female	Never	Adenocarcinoma	L858R	10 months
46	Resistant	65	Female	Never	Adenocarcinoma	19 Del	9 months
47	Resistant	59	Female	Never	Adenocarcinoma	L858R	20 months
48	Resistant	66	Male	Current	Adenocarcinoma	19 Del	11 months
49	Resistant	75	Male	Current	Adenocarcinoma	19 Del	9 months

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50	Resistant	77	Female	Never	Adenocarcinoma	L858R	11 months
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