

Table S1: *EGFR* mutations found in all 61 mutated plasma samples.

Case	plasma sample	<i>EGFR</i> variants	MAF (%)	LOD (%)	Allele Mol Cov
2	1	n.d. ¹			
	2	Glu746_Ala750del	0.59	0.38	9
	3	Glu746_Ala750del	58.05	0.08	11492
		Thr790Met	12.09	0.09	1674
	4	n.d.			
3	1	Leu858Arg	16.87	0.05	1023
4	1	Leu747_Thr751del	4.13	0.1	78
		Thr790Met	0.21	0.15	3
5	1	Leu858Arg	0.16	0.05	5
8	1	Leu858Arg	1.25	0.05	61
		Thr790Met	0.3	0.05	13
9	1	Leu747_Pro753delinsSer	3.59	0.05	148
		Thr790Met	2.36	0.1	68
10	1	Leu858Arg	0.06	0.05	2
	2	Leu858Arg	18.51	0.05	2976
12	1	Leu858Arg	0.1	0.05	4
14	1	Leu747_Pro753delinsSer	7.06	0.15	104
		Thr790Met	1.71	0.15	19
16	1	Leu858Arg	0.08	0.05	6
17	1	Glu746_Ala750del	9.54	0.05	780
18	1	Leu858Arg	1.41	0.05	20
19	1	Glu746_Ser752delinsVal	0.28	0.05	12
20	1	n.d.			
	2	Glu746_Ala750del	0.26	0.05	17
21	1	Leu858Arg	14.58	0.05	497
		Thr790Met	0.63	0.05	20
22	1	Hys773dup	7.69	0.1	620
	2	Hys773dup	24.2	0.1	2570
23	1	Glu746_Ala750del	0.16	0.05	6
		Thr790Met	0.18	0.1	5
24	1	Leu858Arg	0.19	0.36	3
	2	Leu858Arg	0.23	0.1	17
25	1	Lys745_Glu746insIleProValAlaIleLys	1.07	0.1	58
26	1	Glu746_Ala750del	1.1	0.05	84
	2	Glu746_Ala750del	1.02	0.1	95
27	1	Val769_Asp770insAlaSerVal	3.77	0.05	191
28	1	Glu746_Thr751delinsAla	2.13	0.1	60
		Thr790Met	0.1	0.1	2
29	1	Leu858Arg	0.11	0.05	8
30	1	Leu858Arg	6.08	0.05	401
32	1	Leu858Arg	0.05	0.05	5
33	1	Glu709Gly	1.37	0.05	53
		Gly719Ala	1.4	0.05	54
	2	Glu709Gly	21.02	0.05	1299
		Gly719Ala	20.97	0.05	1302
35	1	Ala763_Tyr674insPheGlnGluAla	1.7	0.1	34
		Thr790Met	0.54	0.15	7
36	1	Leu747_Ala750delinsPro	15.52	0.05	1389
37	1	Glu746_Ala750del	1.95	0.1	139
		Thr790Met	1.53	0.12	74
38	1	Leu858Arg	0.3	0.05	18
40	1	Glu746_Ser752delinsVal	4.65	0.05	510
		Thr790Met	1.57	0.05	102
42	1	n.d.			
	2	Glu746_Ala750del	14.38	0.05	518
		Thr790Met	9.29	0.1	246
43	1	Gly719Cys	21.01	0.05	1484
		Ser768Ile	51.97	0.1	817
		Thr790Met	14.47	0.1	426

44	1	n.d.			
	2	Thr790Met	0.78	0.15	8
46	1	Leu858Arg	2.17	0.15	25
		Thr790Met	0.75	0.1	14
48	1	Gly719Ala	0.24	0.15	3
		Ser768Ile	33.7	0.09	3913
51	1	Val769_Asp770insAlaSerVal	34.45	0.12	1710
	2	Val769_Asp770insAlaSerVal	1.09	0.1	29
52	1	Leu858Arg	3.72	0.05	122
		Thr790Met	4.9	0.05	329
55	1	Glu746_Ser752delinsVal	0.6	0.05	20
56	1	n.d.	0.51	0.1	11
57	1	Glu709Gly			
		Leu858Arg	25.02	0.05	2116
59	1	Leu858Arg	31.3	0.05	2266
		Thr790Met	39.47	0.09	5041
60	1	Arg748_Ala755delinsThr	5.4	0.1	461
		Thr790Met	1.19	0.05	61
61	1	Leu858Arg	0.35	0.05	13
		Thr790Met	1.32	0.05	40
63	1	Glu746_Ala750del	0.49	0.1	12
		Thr790Met	0.08	0.05	3
65	1	Glu746_Ala750del	0.07	0.1	2
		Thr790Met	36.49	0.1	3135
66	1	Glu746_Ala750del	17.67	0.09	2318
		Thr790Met	0.1	0.05	6
67	1	Leu858Arg	0.17	0.05	7
		Thr790Met	11.87	0.05	802
68	1	Glu746_Ala750del	0.09	0.05	4
		Thr790Met	2.38	0.05	129
69	1	Gly719Ala	1.74	0.05	66
		Leu858Arg	0.48	0.05	35
70	1	Leu858Arg	8.33	0.1	248
	2	Leu858Arg	29.16	0.09	4696
71	1	Leu747_Thr751del	0.9	0.1	18
		Thr790Met	0.54	0.15	7
74	1	Leu747_Thr751del	11.11	0.05	641
		Thr790Met	2.95	0.05	101
75	1	n.d.			
	2	Glu746_Ala750del	0.06	0.17	2
		Thr790Met	0.17	0.19	5

¹ not detected