

Supplementary Table 2. Patient details [this worksheet], sample inventory with QC metrics [worksheet 2], and figure-sample directory [worksheet 3]												
NSCLC patient identifiers and clinical characteristics, including EGFR mutant status.												
Note that this table has two separate worksheets (worksheet 1, NSCLC_patients; worksheet 2, samples_and_QC; worksheet 3, figure-sample_dir)												
Case	Age	Sex	Histology	Stage	TNM	Smoking pack years	Tumor source	Germline source	No. plasma samples	Somatic variants by clinical assays	EGFR mutant by clinical assay or CAPP-Seq tumor genotyping	EGFR wildtype
P1	81	F	SCC	IB	T2aN0M0	100	FFPE	PBL	2		0	1
P2	81	F	AD	IB	T2aN0M0	Never	FFPE	PBL	4	EGFR c.2573T>G, p.L858R	1	0
P3	78	F	NSC	IB	T2aN0M0	30	FFPE	PBL	3		0	1
P4	46	F	AD	IIA	T2bN0M0	Never	FFPE	PBL	9	EGFR Ex19Del & T790M	1	0
P5	41	M	AD	IIB	T3N0M0	Never	FFPE	PBL	5	EGFR c.2573T>G, p.L858R	1	0
P6	56	F	AD	IIIB	T4N3M0	30	FFPE	PBL	5	PIK3CA c.1624G>A, p.E542K	0	1
P7	64	F	AD	IV	T4N2M1b	Never	FFPE	PBL	1	EGFR Ex19Del	1	0
P9	75	F	AD	IIIA	rT4N1M0	49	FFPE	PBL	2		0	1
P10	56	F	AD	IIIB	T2bN3M0	20	FFPE	PBL	5		0	1
P11	39	F	NSC	IV	TxNxM1b	Never	None	None	1	EGFR Ex19Del	1	0
P12	63	F	AD	IV	T3N3M1b	Never	None	None	3	EGFR 2573T>G,L858R	1	0
P13	60	M	AD	IV	T3N2M1b	Never	None	None	1	EGFR 2573T>G,L858R	1	0
P14	34	F	AD	IV	T3N3M1b	Never	None	None	1	EGFR Ex19Del	1	0
P15	79	M	AD	IV	T4N2M1b	Never	None	None	6	EGFR Ex19Del	1	0
P16	69	M	LCC	IV	T2bN2M1b	20	None	PBL	5		-	-
P17	65	M	AD	IV	TxNxM1b	Never	None	None	1	EGFR 2573T>G,L858R	1	0
P18	64	F	AD	IV	TxNxM1b	Never	FFPE	PBL	4		1	0
P19	65	M	AD	IV	T4N2M1b	Never	None	None	1	EGFR Ex19Del & c.2369C>T; p.T	1	0
P20	71	F	AD	IV	T1bN0M1b	Never	FFPE	PBL	1	EGFR Ex19Del, TP53 c.742C>T	1	0
P21	68	F	AD	IV	T2aN2M1b	Never	None	PBL	2		-	-
P22	51	F	AD	IIIB	T4N3M0	Never	None	PBL	4		-	-
P23	63	F	AD	IIIA	T2aN2M0	Never	FFPE	PBL	3		0	1
P24	61	M	AD	IV	TxNxM1b	15	None	None	1	EGFR Ex19Del	1	0
P25	58	F	SCC	IV	T2aN0M1b	Never	None	PBL	2	EGFR 2573T>G,L858R	1	0
P26	46	F	AD	IIIB	T1bN3M0	Never	None	PBL	8	EGFR 2573T>G,L858R	1	0
P27	72	M	AD	IV	T2aN3M1a	Never	FFPE	PBL	1	EGFR 2573T>G,L858R	1	0
P28	57	M	AD	IIIA	T2aN2M0	2	FFPE	PBL	1	EGFR Ex19Del	1	0
P29	51	F	AD	IIIA	T2aN2M0	30	FFPE	PBL	3	KRAS c.34G>T,p.G12C	0	1
P30	70	M	AD	IV	T2aN3M1a	Never	None	None	1	EGFR Ex19Del	1	0
P31	54	M	AD	IIA	T1bN1M0	10	FFPE	PBL	2		0	1
P32	63	M	SCC	IIB	T2bN1M0	80	None	PBL	2		-	-
P33	63	M	AD	IV	T2aN3M1b	Never	FFPE	PBL	1	EGFR Ex19Del	1	0
P34	76	M	AD	IV	T2aN3M1a	Never	FFPE	PBL	1	EGFR p.G719A, TP53 p.E249K	1	0
P35	65	M	other	IV	T2aN2M1b	18	FFPE	PBL	1		0	1
P36	79	M	-	IV	TxNxM1b	Former	None	None	2	EGFR Ex19Del & T790M	1	0
P37	62	M	-	IV	TxNxM1b	Never	FFPE	None	1	EGFR Ex19Del & T790M	1	0
P38	53	F	-	IV	TxNxM1b	Never	None	None	2	EGFR Ex19Del & T790M	1	0
P39	71	M	-	IV	TxNxM1b	Former	None	None	2	EGFR Ex19Del	1	0
P40	53	F	-	IV	TxNxM1b	Never	None	None	3	EGFR Ex19Del & T790M	1	0
P41	51	F	-	IV	TxNxM1b	Never	FFPE	None	1	EGFR L858R & T790M	1	0

Case	Age	Sex	Histology	Stage	TNM	Smoking pack years	Tumor source	Germline source	No. plasma samples	Somatic variants by clinical assays	EGFR mutant by clinical assay or CAPP-Seq tumor genotyping	EGFR wildtype
P42	48	M	-	IV	TxNxM1b	Never	None	None	5	EGFR Ex19Del & T790M	1	0
P43	53	F	-	IV	TxNxM1b	Never	None	None	2	EGFR Ex19Del & T790M	1	0
P44	74	M	-	IV	TxNxM1b	Never	None	None	2	EGFR Ex19Del	1	0
P45	55	F	-	IV	TxNxM1b	Never	FFPE	None	5	EGFR Ex19Del & S768I & T790M	1	0
P46	30	F	-	IV	TxNxM1b	Never	FFPE	None	3	EGFR Ex19Del & T790M	1	0
P47	66	F	-	IV	TxNxM1b	Never	None	None	2	EGFR Ex19Del & T790M	1	0
P48	64	M	-	IV	TxNxM1b	Never	None	None	2	EGFR Ex19Del & T790M	1	0
P49	48	F	-	IV	TxNxM1b	Never	None	None	2	EGFR Ex20Ins & T790M	1	0
P50	64	F	-	IV	TxNxM1b	Never	FFPE	None	2	EGFR Ex19Del & T790M	1	0
P51	53	M	-	IV	TxNxM1b	-	None	None	2	EGFR Ex19Del & T790M	1	0
P52	66	F	-	IV	TxNxM1b	Never	None	None	2	EGFR L858R & T790M	1	0
P53	60	F	-	IV	TxNxM1b	Never	None	None	4	EGFR L858R & T790M	1	0
P54	58	M	-	IV	TxNxM1b	-	None	None	2	EGFR L858R & T790M	1	0
P55	67	M	-	IV	TxNxM1b	-	None	None	3	EGFR Ex19Del & T790M	1	0

Sample number	Cohort	Case	Collection time ^a	Sample type	Input mass (ng)	Selector ^b	Sequencing adapter ^c	De-duplication ^d	Total reads	Mapped reads (non-deduped)	On-target rate (%) ^e	Median depth (non-deduped)	No. on-target reads (deduped)	Median de-duplicated depth (total hGEs if barcoding used)	hGEs recovered given sequencing depth (%) ^f	Median fragment length (bp)	Mean SSCS UID family size	Median depth of DCS molecules	Analyses with paired tumor and germline	Analyses with paired tumor	Analyses with paired germline	Analyses with biopsy confirmed EGFR-mutant NSCLC
1	Healthy	CTR1	CTR1-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	35,169,624	34,841,677	85.1%	7874	12,348,922	3512	45%	168	2.3	318	0	0	0	0
2	Healthy	CTR2	CTR2-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	27,121,402	26,761,407	76.3%	5243	6,802,716	1953	37%	171	2.7	138	0	0	0	0
3	Healthy	CTR3	CTR3-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	34,052,706	33,698,515	83.7%	7183	10,156,468	2828	39%	171	2.5	348	0	0	0	0
4	Healthy	CTR4	CTR4-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	37,655,616	37,270,823	84.4%	8244	12,300,041	3464	42%	170	2.4	358	0	0	0	0
5	Healthy	CTR5	CTR5-c1	cfDNA	25.5	NSCLC tumor genotyping	Tandem	Barcoding	29,720,684	29,322,559	76.9%	6058	7,034,840	2021	33%	173	3.0	219	0	0	0	0
6	Healthy	CTR6	CTR6-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	34,846,820	34,481,738	83.8%	7485	10,875,060	3051	41%	171	2.4	344	0	0	0	0
7	Healthy	CTR7	CTR7-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	28,616,356	28,204,568	77.6%	6253	7,177,629	1953	31%	179	3.1	231	0	0	0	0
8	Healthy	CTR8	CTR8-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	22,791,700	22,485,259	76.4%	4506	5,189,862	1508	33%	172	3.0	143	0	0	0	0
9	Healthy	CTR9	CTR9-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	28,798,672	28,412,897	76.2%	5727	6,863,430	1979	35%	172	2.9	188	0	0	0	0
10	Healthy	CTR10	CTR10-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	31,786,582	31,356,252	76.1%	6314	7,907,520	2273	36%	173	2.8	197	0	0	0	0
11	Healthy	CTR11	CTR11-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	29,093,096	28,684,748	76.5%	5907	7,068,039	2035	34%	173	2.9	186	0	0	0	0
12	Healthy	CTR13	CTR13-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	20,215,138	19,966,239	73.3%	4282	5,526,450	1511	35%	190	2.8	136	0	0	0	0
13	Healthy	CTR14	CTR14-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	27,855,690	27,444,075	75.4%	5909	6,847,686	1930	33%	180	3.0	223	0	0	0	0
14	Healthy	CTR15	CTR15-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	25,648,934	25,327,610	76.5%	5021	5,959,857	1721	34%	175	2.9	158	0	0	0	0
15	Healthy	CTR16	CTR16-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	30,494,906	30,107,632	76.3%	6316	7,495,267	2130	34%	178	2.9	214	0	0	0	0
16	Healthy	CTR17	CTR17-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	25,820,884	25,401,800	72.8%	5131	10,295,042	2842	55%	178	1.8	176	0	0	0	0
17	Healthy	CTR18	CTR18-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	22,133,846	21,817,238	71.9%	4608	8,657,852	2361	51%	183	1.9	183	0	0	0	0
18	Healthy	CTR19	CTR19-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	17,763,262	17,508,289	72.9%	3730	7,262,650	1937	52%	186	1.9	131	0	0	0	0
19	Healthy	CTR20	CTR20-c1	cfDNA	23.7	NSCLC tumor genotyping	Tandem	Barcoding	20,675,936	20,348,022	70.5%	4115	7,561,158	1970	48%	191	2.1	171	0	0	0	0
20	Healthy	CTR21	CTR21-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	19,829,782	19,408,964	69.3%	3801	7,342,246	1993	52%	183	1.9	134	0	0	0	0
21	Healthy	CTR22	CTR22-c1	cfDNA	19.7	NSCLC tumor genotyping	Tandem	Barcoding	22,718,750	22,368,392	72.1%	4802	7,901,576	2209	46%	182	2.2	226	0	0	0	0
22	Healthy	CTR23	CTR23-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	21,666,412	21,388,104	72.9%	4511	8,545,515	2287	51%	185	1.9	172	0	0	0	0
23	Healthy	CTR24	CTR24-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	22,563,666	22,285,510	71.9%	4578	8,763,830	2273	50%	194	2.0	177	0	0	0	0
24	Healthy	CTR25	CTR25-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	25,661,760	25,289,894	71.8%	5291	9,804,749	2684	51%	181	1.9	204	0	0	0	0
25	Healthy	CTR26	CTR26-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	21,148,308	20,830,206	72.5%	4431	8,319,623	2252	51%	187	1.9	172	0	0	0	0
26	Healthy	CTR27	CTR27-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	19,815,932	19,505,868	73.1%	4171	7,912,002	2158	52%	182	1.9	158	0	0	0	0
27	Healthy	CTR28	CTR28-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	19,737,226	19,464,502	70.9%	4112	7,774,422	2112	51%	189	1.9	157	0	0	0	0
28	Healthy/Technical	CTR29	CTR29-c1	cfDNA	32.0	NSCLC tumor genotyping	Staggered long	Barcoding	29,513,758	29,153,832	82.4%	6524	11,563,185	3170	49%	175	2.0	281	0	0	0	0
29		CTR30	CTR30-c1	cfDNA	23.5	NSCLC tumor genotyping	Staggered short	Barcoding	18,338,948	17,526,840	67.6%	2009	4,139,296	702	35%	188	2.5	87	0	0	0	0
30	Healthy	CTR31	CTR31-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	26,038,562	25,691,526	75.6%	5177	6,340,511	1788	35%	180	2.9	167	0	0	0	0
31	NSCLC	P1	P1-c1	cfDNA	24.8	NSCLC cfDNA	Index	Barcoding	47,180,886	46,082,323	47.3%	9427	10,243,544	4595	56%	169	2.0	NA	1	1	1	0
32	NSCLC	P1	P1-c2	cfDNA	30.0	NSCLC cfDNA	Tandem	Barcoding	41,637,342	41,211,384	79.3%	15316	7,752,687	3418	35%	176	4.3	552	1	1	1	0
33	NSCLC	P2	P2-c1	cfDNA	30.0	NSCLC cfDNA	Index	Barcoding	74,946,736	73,147,022	45.8%	14763	15,314,400	6898	70%	168	2.1	NA	1	1	1	1
34	NSCLC	P2	P2-c2	cfDNA	25.7	NSCLC cfDNA	Index	Barcoding	45,241,720	44,125,246	46.7%	8990	10,480,280	4729	56%	169	1.9	NA	1	1	1	1
35	NSCLC	P2	P2-c3	cfDNA	30.0	NSCLC cfDNA	Tandem	Barcoding	35,856,778	35,504,980	79.5%	13345	6,883,966	3038	31%	179	4.2	465	1	1	1	1
36	NSCLC	P2	P2-c4	cfDNA	30.0	NSCLC cfDNA	Tandem	Barcoding	33,301,068	32,937,374	77.3%	12082	5,748,901	2509	25%	185	4.6	378	1	1	1	1
37	NSCLC	P3	P3-c1	cfDNA	8.9	NSCLC cfDNA	Index	Barcoding	30,019,344	29,300,162	46.1%	5966	3,016,458	1317	45%	174	4.3	NA	1	1	1	0
38	NSCLC	P3	P3-c2	cfDNA	30.0	NSCLC cfDNA	Index	Barcoding	31,572,820	30,749,640	46.0%	6490	4,755,883	2068	32%	177	3.0	NA	1	1	1	0
39	NSCLC	P3	P3-c3	cfDNA	28.9	NSCLC cfDNA	Tandem	Barcoding	35,271,914	34,930,682	76.6%	13089	6,756,414	2930	31%	189	4.2	471	1	1	1	0
40	NSCLC	P4	P4-c1	cfDNA	12.2	NSCLC cfDNA	Index	Barcoding	44,719,138	43,789,383	47.2%	8867	7,066,597	3129	77%	171	2.8	NA	1	1	1	1
41	NSCLC	P4	P4-c2	cfDNA	23.7	NSCLC cfDNA	Tandem	Barcoding	36,167,464	35,804,266	80.0%	12859	6,954,768	3090	40%	176	4.0	483	1	1	1	1
42	NSCLC	P4	P4-c3	cfDNA	22.1	NSCLC cfDNA	Tandem	Barcoding	19,886,764	19,611,956	75.7%	6795	2,950,834	1274	19%	171	5.2	239	1	1	1	1
43	NSCLC	P4	P4-c4	cfDNA	30.0	NSCLC cfDNA	Tandem	Barcoding	43,283,760	42,863,578	79.3%	16130	8,280,447	3660	37%	179	4.2	557	1	1	1	1
44	NSCLC	P4	P4-c5	cfDNA	30.0	NSCLC cfDNA	Tandem	Barcoding	45,396,430	44,920,990	78.5%	16649	8,565,506	3775	38%	179	4.3	552	1	1	1	1
45	NSCLC	P4	P4-c6	cfDNA	30.0	NSCLC cfDNA	Tandem	Barcoding	32,024,034	31,704,749	79.8%	11895	6,581,417	2879	29%	184	4.0	422	1	1	1	1
46	NSCLC	P4	P4-c7	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	28,593,550	28,219,799	79.5%	6370	7,087,066	1910	30%	179	3.3	205	1	1	1	1
47	NSCLC	P4	P4-c8	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	30,603,534	30,133,536	63.8%	4753	7,517,230	1998	42%	169	2.4	162	1	1	1	1
48	NSCLC	P4	P4-c9	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	36,168,086	35,636,382	63.6%	5841	9,072,765	2391	41%	168	2.4	225	1	1	1	1
49	NSCLC	P5	P5-c1	cfDNA	7.4	NSCLC cfDNA	Index	Barcoding	19,386,742	18,954,754	47.4%	3898	2,077,427	931	38%	171	4.0	NA	1	1	1	1
50	NSCLC	P5	P5-c2	cfDNA	7.0	NSCLC cfDNA	Tandem	Barcoding	26,596,172	25,808,713	37.2%	4568	2,086,909	921	40%	176	4.8	238	1	1	1	1
51	NSCLC	P5	P5-c3	cfDNA	5.6	NSCLC cfDNA	Tandem	Barcoding	16,586,710	16,085,315	37.3%	2874	863,561	369	20%	179	7.4	87	1	1	1	1
52	NSCLC	P5	P5-c4	cfDNA	24.0	NSCLC cfDNA	Tandem	Barcoding	37,590,496	36,604,357	38.5%	6798	4,671,375	2074	31%	180	3.2	364	1	1	1	1
53	NSCLC	P5	P5-c5	cfDNA	26.8	NSCLC cfDNA	Tandem	Barcoding	31,539,740	30,731,021	38.3%	5680	4,102,925	1809	32%	187	3.0	313	1	1	1	1
54	NSCLC	P6	P6-c1	cfDNA	14.9	NSCLC cfDNA	Index	Barcoding	32,747,294	31,931,164	45.9%	6399	6,456,124	2892	59%	169	2.2	NA	1	1	1	0
55	NSCLC	P6	P6-c2	cfDNA	18.1	NSCLC cfDNA	Index	Barcoding	33,640,934	32,831,910	46.4%	6683	6,673,708	2995	50%	170	2.2	NA	1	1	1	0
56	NSCLC	P6	P6-c3	cfDNA	30.0	NSCLC cfDNA	Tandem	Barcoding	48,419,578	47,070,585	38.3%	8705	7,064,066	3133	36%	181	2.7	487	1	1	1	0
57	NSCLC	P6	P6-c4	cfDNA	30.0	NSCLC cfDNA	Tandem	Barcoding	48,773,006	47,556,475	38.5%	8792	6,414,094	2802	32%	182	3.0	480	1	1	1	0
58	NSCLC	P6	P6-c5	cfDNA	30.0	NSCLC cfDNA	Tandem	Barcoding	49,639,300	48,348,197	38.2%	8839	7,054,886	3102	35%	181	2.7	459	1	1	1	0
59	NSCLC	P7	P7-c1	cfDNA	28.7	NSCLC cfDNA	Tandem	Barcoding	24,554,726	24,172,440	76.1%	8066	5,889,586	2592	32%	174	3.0	346	1	1	1	1
60	NSCLC	P9	P9-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	26,805,842	26,338,551	51.9%	5625	4,926,364	2225	40%	172	2.5	275	1	1	1	0
61	NSCLC	P9	P9-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	24,712,132													

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93	NSCLC	P22	P22-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	36,093,310	35,827,561	84.6%	13345	9,265,754	4226	40%	163	3.1	401	0	0	1	0
94	NSCLC	P22	P22-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	24,714,692	24,484,222	84.9%	8942	8,245,315	3780	42%	166	2.3	315	0	0	1	0
95	NSCLC	P22	P22-c3	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	29,922,936	29,651,276	84.8%	10799	8,821,493	3987	38%	163	2.6	445	0	0	1	0
96	NSCLC	P22	P22-c4	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	29,549,430	29,281,917	83.7%	10076	8,167,217	3693	37%	168	2.7	459	0	0	1	0
97	NSCLC	P23	P23-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	25,150,440	24,914,346	82.3%	8803	5,311,863	2398	27%	174	3.5	351	1	1	1	0
98	NSCLC	P23	P23-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	23,186,252	22,938,374	82.4%	8824	5,119,826	2212	25%	185	3.9	193	1	1	1	0
99	NSCLC	P23	P23-c3	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	24,774,634	24,540,879	82.6%	9546	5,965,371	2625	27%	181	3.5	255	1	1	1	0
100	NSCLC	P24	P24-c1	cfDNA	20.1	NSCLC cfDNA	Tandem	Barcoding	22,244,486	21,995,218	81.3%	8224	3,462,369	1516	23%	179	5.2	276	0	0	0	1
101	NSCLC	P25	P25-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	27,203,638	26,975,686	82.8%	10215	5,825,629	2561	25%	177	3.9	328	0	0	1	1
102	NSCLC	P25	P25-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	27,736,110	27,554,329	86.6%	10092	4,481,701	1975	20%	170	4.8	339	0	0	1	1
103	NSCLC	P26	P26-c1	cfDNA	22.2	NSCLC cfDNA	Tandem	Barcoding	20,834,482	20,640,172	81.1%	7755	3,429,929	1461	20%	188	5.1	233	0	0	1	1
104	NSCLC	P26	P26-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	28,495,178	28,238,261	82.2%	9763	7,158,091	3219	33%	171	3.0	384	0	0	1	1
105	NSCLC	P26	P26-c3	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	23,221,420	23,037,922	82.8%	8762	6,553,686	2841	32%	178	3.0	355	0	0	1	1
106	NSCLC	P26	P26-c4	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	33,061,000	32,758,363	83.8%	11242	7,829,081	3477	33%	168	3.1	492	0	0	1	1
107	NSCLC	P26	P26-c5	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	29,039,416	28,779,780	84.2%	9902	7,638,049	3409	34%	166	2.8	410	0	0	1	1
108	NSCLC	P26	P26-c6	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	31,056,716	30,800,085	84.7%	11337	8,080,377	3655	35%	166	3.0	471	0	0	1	1
109	NSCLC	P26	P26-c7	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	30,740,024	30,464,243	83.3%	10375	7,983,135	3612	35%	167	2.8	430	0	0	1	1
110	NSCLC	P26	P26-c8	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	27,375,224	27,136,567	83.7%	9363	6,807,573	3070	33%	167	3.0	391	0	0	1	1
111	NSCLC	P27	P27-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	25,665,580	25,453,880	83.3%	9964	6,317,476	2821	28%	180	3.4	269	1	1	1	1
112	NSCLC	P28	P28-c1	cfDNA	24.5	NSCLC cfDNA	Tandem	Barcoding	26,433,662	26,146,671	84.0%	9213	5,110,153	2350	29%	173	3.8	302	1	1	1	1
113	NSCLC	P29	P29-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	26,202,274	25,959,967	82.5%	9709	5,925,273	2619	27%	176	3.6	268	1	1	1	0
114	NSCLC	P29	P29-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	27,614,600	27,338,140	83.8%	9915	5,797,593	2624	26%	175	3.7	297	1	1	1	0
115	NSCLC	P29	P29-c3	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	24,947,536	24,684,752	77.4%	9002	6,768,988	2964	33%	179	3.0	348	1	1	1	0
116	NSCLC	P30	P30-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	27,626,638	27,360,748	86.2%	9925	7,669,067	3505	35%	169	2.7	446	0	0	0	1
117	NSCLC	P31	P31-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	22,806,148	22,551,102	82.1%	8689	4,644,467	2032	23%	184	4.2	191	1	1	1	0
118	NSCLC	P31	P31-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	19,589,802	19,391,412	81.3%	7429	4,167,943	1834	25%	186	4.0	195	1	1	1	0
119	NSCLC	P32	P32-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	20,215,166	19,991,953	81.7%	7641	4,224,610	1815	24%	201	4.1	187	0	0	1	0
120	NSCLC	P32	P32-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	25,434,630	25,127,768	77.1%	9202	7,432,101	3279	36%	184	2.7	372	0	0	1	0
121	NSCLC	P33	P33-c1	cfDNA	18.3	NSCLC cfDNA	Tandem	Barcoding	23,705,078	23,304,798	73.5%	7462	5,027,303	2138	35%	180	3.3	307	1	1	1	1
122	NSCLC	P34	P34-c1	cfDNA	21.4	NSCLC cfDNA	Tandem	Barcoding	29,286,856	28,730,056	74.8%	8839	4,794,758	2079	29%	174	4.0	407	1	1	1	1
123	NSCLC	P35	P35-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	21,547,518	21,120,378	73.9%	6844	6,405,437	2911	43%	173	2.3	172	1	1	1	0
124	NSCLC	P36	P36-c1	cfDNA	24.8	NSCLC cfDNA	Tandem	Barcoding	24,078,962	23,801,912	83.7%	9277	5,093,221	2221	27%	177	4.0	442	0	0	0	1
125	NSCLC	P36	P36-c2	cfDNA	13.8	NSCLC cfDNA	Tandem	Barcoding	28,008,192	27,694,473	86.1%	10176	3,407,411	1510	23%	172	6.4	403	0	0	0	1
126	NSCLC	P37	P37-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	21,115,248	20,791,213	80.5%	7765	4,450,768	1935	25%	176	3.9	167	0	1	0	1
127	NSCLC	P38	P38-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	23,159,582	22,969,560	84.0%	8642	5,664,417	2473	29%	176	3.4	416	0	0	0	1
128	NSCLC	P38	P38-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	32,895,288	32,648,199	86.9%	12422	7,184,202	3240	31%	167	3.7	560	0	0	0	1
129	NSCLC	P39	P39-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	29,278,660	29,071,988	86.1%	10640	7,606,622	3413	32%	165	3.0	437	0	0	0	1
130	NSCLC	P39	P39-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	34,483,464	34,215,856	86.9%	12897	8,584,479	3926	37%	167	3.2	522	0	0	0	1
131	NSCLC	P40	P40-c1	cfDNA	26.4	NSCLC cfDNA	Tandem	Barcoding	23,777,902	23,563,795	84.2%	8752	6,382,643	2788	32%	171	3.0	427	0	0	0	1
132	NSCLC	P40	P40-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	20,474,252	20,307,014	82.5%	7556	6,186,807	2637	35%	178	2.8	324	0	0	0	1
133	NSCLC	P40	P40-c3	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	24,126,138	23,899,901	84.5%	8536	7,028,292	3216	38%	166	2.6	362	0	0	0	1
134	NSCLC	P41	P41-c1	cfDNA	17.3	NSCLC cfDNA	Tandem	Barcoding	26,800,958	26,575,654	84.6%	10106	4,734,717	2054	36%	174	4.7	435	0	1	0	1
135	NSCLC	P42	P42-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	28,811,560	28,559,399	85.8%	10344	7,663,649	3445	33%	164	2.9	426	0	0	0	1
136	NSCLC	P42	P42-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	30,401,678	30,150,722	86.4%	11193	7,467,815	3379	32%	167	3.2	457	0	0	0	1
137	NSCLC	P42	P42-c3	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	29,784,892	29,359,682	81.1%	6066	7,345,243	2070	34%	164	3.0	162	0	0	0	1
138	NSCLC	P42	P42-c4	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	32,220,498	31,781,857	81.3%	6641	7,737,453	2169	33%	166	3.1	177	0	0	0	1
139	NSCLC	P42	P42-c5	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	35,739,882	35,169,510	64.7%	5944	8,877,998	2486	42%	166	2.4	225	0	0	0	1
140	NSCLC	P43	P43-c1	cfDNA	22.5	NSCLC cfDNA	Tandem	Barcoding	29,986,426	29,756,452	85.2%	10763	6,132,776	2736	37%	172	3.8	514	0	0	0	1
141	NSCLC	P43	P43-c2	cfDNA	11.8	NSCLC cfDNA	Tandem	Barcoding	34,035,972	33,775,855	86.6%	12602	4,373,174	1926	49%	170	6.1	502	0	0	0	1
142	NSCLC	P44	P44-c1	cfDNA	19.8	NSCLC cfDNA	Tandem	Barcoding	29,765,248	29,546,715	85.6%	10908	5,838,096	2657	41%	170	4.0	495	0	0	0	1
143	NSCLC	P44	P44-c2	cfDNA	11.4	NSCLC cfDNA	Tandem	Barcoding	30,669,880	30,417,026	86.4%	11397	3,240,871	1433	38%	172	7.5	352	0	0	0	1
144	NSCLC	P45	P45-c1	cfDNA	5.1	NSCLC cfDNA	Tandem	Barcoding	25,286,630	24,971,456	82.7%	9116	2,069,205	816	48%	175	10.4	197	0	1	0	1
145	NSCLC	P45	P45-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	30,326,798	30,112,403	86.0%	11412	7,683,005	3209	30%	176	3.4	432	0	1	0	1
146	NSCLC	P45	P45-c3	cfDNA	15.2	NSCLC tumor genotyping	Tandem	Barcoding	33,690,584	33,195,269	79.0%	7564	5,355,224	1438	29%	176	5.1	281	0	1	0	1
147	NSCLC	P45	P45-c4	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	30,640,508	30,226,136	79.0%	6738	8,073,926	2154	32%	182	3.1	212	0	1	0	1
148	NSCLC	P45	P45-c5	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	29,699,310	29,263,789	64.3%	5280	7,628,891	2031	38%	181	2.6	208	0	1	0	1
149	NSCLC	P46	P46-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	32,332,676	31,888,969	83.3%	10875	5,844,913	2640	25%	165	4.0	251	0	1	0	1
150	NSCLC	P46	P46-c2	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	28,089,666	27,877,959	85.8%	10334	7,125,146	3230	31%	167	3.1	447	0	1	0	1
151	NSCLC	P46	P46-c3	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	30,099,882	29,802,659	85.9%	11225	8,189,154	3727	35%	165	2.9	420	0	1	0	1
152	NSCLC	P47	P47-c1	cfDNA	32.0	NSCLC cfDNA	Tandem	Barcoding	26,726,456	26,351,579	81.0%	9645	5,496,251	2376								

Sample number	Cohort	Case	Collection time ^a	Sample type	Input mass (ng)	Selector ^b	Sequencing adapter ^c	De-duplication ^d	Total reads	Mapped reads (non-deduped)	On-target rate (%) ^e	Median depth (non-deduped)	No. on-target reads (deduped)	Median de-duplicated depth (total hGEs if barcoding used)	hGEs recovered given sequencing depth (%) ^f	Median fragment length (bp)	Mean SSCS UID family size	Median depth of DCS molecules	Analyses with paired tumor and germline	Analyses with paired tumor	Analyses with paired germline	Analyses with biopsy confirmed EGFR-mutant NSCLC
185	NSCLC	P21	P21	PBL	70.0	NSCLC tumor genotyping	Index	Barcoding	11,116,848	10,751,570	72.8%	2387	5,415,516	1414	59%	300	1.7	NA	0	0	1	0
186	NSCLC	P22	P22	PBL	70.0	NSCLC tumor genotyping	Index	Barcoding	11,677,834	11,289,165	74.6%	2575	5,784,919	1549	60%	277	1.6	NA	0	0	1	0
187	NSCLC	P23	P23	PBL	72.5	NSCLC tumor genotyping	Index	Barcoding	18,728,950	18,504,216	77.7%	4386	7,070,758	1951	44%	267	2.3	NA	1	1	1	0
188	NSCLC	P25	P25	PBL	70.0	NSCLC tumor genotyping	Index	Barcoding	10,400,426	10,022,084	73.8%	2278	5,013,505	1349	59%	282	1.7	NA	0	0	1	1
189	NSCLC	P26	P26	PBL	70.0	NSCLC tumor genotyping	Index	Barcoding	10,919,444	10,546,885	73.7%	2398	5,461,205	1461	61%	290	1.6	NA	0	0	1	1
190	NSCLC	P27	P27	PBL	70.0	NSCLC tumor genotyping	Index	Barcoding	10,875,762	10,516,615	74.6%	2373	5,466,059	1451	61%	276	1.6	NA	1	1	1	1
191	NSCLC	P28	P28	PBL	100.0	NSCLC tumor genotyping	Index	Barcoding	18,745,834	18,531,124	77.4%	4334	7,176,616	1950	45%	269	2.2	NA	1	1	1	1
192	NSCLC	P29	P29	PBL	91.5	NSCLC tumor genotyping	Index	Barcoding	13,721,944	13,425,192	61.1%	2507	4,921,484	1344	54%	271	1.9	NA	1	1	1	0
193	NSCLC	P31	P31	PBL	82.0	NSCLC tumor genotyping	Index	Barcoding	16,634,742	16,279,326	61.6%	3085	5,945,584	1618	52%	269	1.9	NA	1	1	1	0
194	NSCLC	P32	P32	PBL	70.0	NSCLC tumor genotyping	Index	Barcoding	11,887,542	11,494,450	74.8%	2614	5,981,678	1598	61%	274	1.6	NA	0	0	1	0
195	NSCLC	P33	P33	PBL	100.0	NSCLC tumor genotyping	Index	Barcoding	21,236,834	21,020,176	76.6%	4849	8,030,138	2163	45%	278	2.2	NA	1	1	1	1
196	NSCLC	P34	P34	PBL	100.0	NSCLC tumor genotyping	Index	Barcoding	18,381,432	18,170,106	77.1%	4202	7,130,316	1927	46%	274	2.2	NA	1	1	1	1
197	NSCLC	P35	P35	PBL	107.0	NSCLC tumor genotyping	Index	Barcoding	13,532,766	13,325,104	72.5%	2982	5,328,678	1451	49%	275	2.0	NA	1	1	1	0
198	NSCLC	P1	P1	Tumor	30.0	NSCLC tumor genotyping	illumina	rmdup	5,653,836	5,440,382	50.7%	781	2,726,661	214	27%	232	NA	NA	1	1	1	0
199	NSCLC	P2	P2	Tumor	30.0	NSCLC tumor genotyping	illumina	rmdup	7,928,044	3,595,078	24.9%	515	6,038,453	137	27%	171	NA	NA	1	1	1	1
200	NSCLC	P3	P3	Tumor	30.0	NSCLC tumor genotyping	illumina	rmdup	3,224,270	2,027,277	31.0%	222	1,994,447	20	9%	185	NA	NA	1	1	1	0
201	NSCLC	P4	P4	Tumor	24.8	NSCLC tumor genotyping	illumina	rmdup	9,645,178	9,009,480	50.3%	1340	5,440,552	518	39%	225	NA	NA	1	1	1	1
202	NSCLC	P5	P5	Tumor	30.0	NSCLC tumor genotyping	illumina	rmdup	6,085,884	5,849,023	50.6%	843	3,081,280	255	30%	233	NA	NA	1	1	1	1
203	NSCLC	P6	P6	Tumor	30.0	NSCLC tumor genotyping	illumina	rmdup	9,907,660	9,308,304	50.7%	1396	5,952,866	625	45%	214	NA	NA	1	1	1	0
204	NSCLC	P7	P7	Tumor	15.8	NSCLC tumor genotyping	Index	Barcoding	14,103,002	13,730,382	32.1%	1251	2,300,908	591	47%	217	2.1	NA	1	1	1	1
205	NSCLC	P9	P9	Tumor	48.8	NSCLC tumor genotyping	Index	Barcoding	19,891,044	19,192,489	70.3%	3618	8,546,939	1953	54%	242	1.8	NA	1	1	1	0
206	NSCLC	P10	P10	Tumor	43.0	NSCLC tumor genotyping	Index	Barcoding	10,303,982	9,438,892	69.8%	1881	1,553,347	378	20%	190	4.8	NA	1	1	1	0
207	NSCLC	P18	P18	Tumor	49.7	NSCLC tumor genotyping	Index	Barcoding	8,080,716	7,600,827	70.8%	1450	2,591,679	599	41%	227	2.3	NA	1	1	1	1
208	NSCLC	P20	P20	Tumor	100.0	NSCLC tumor genotyping	Index	Barcoding	10,656,446	10,164,529	73.0%	2009	3,875,864	944	47%	206	2.0	NA	1	1	1	1
209	NSCLC	P23	P23	Tumor	100.0	NSCLC tumor genotyping	Index	Barcoding	15,766,552	15,600,841	79.3%	3639	5,655,205	1529	42%	240	2.4	NA	1	1	1	0
210	NSCLC	P27	P27	Tumor	100.0	NSCLC tumor genotyping	Index	Barcoding	18,435,990	18,266,351	78.8%	4009	6,666,414	1654	41%	256	2.4	NA	1	1	1	1
211	NSCLC	P28	P28-T1	Tumor	100.0	NSCLC tumor genotyping	Index	Barcoding	17,407,034	17,073,767	78.7%	3940	6,608,640	1771	45%	243	2.2	NA	1	1	1	1
212	NSCLC	P28	P28-T2	Tumor	85.5	NSCLC tumor genotyping	Index	Barcoding	13,332,088	13,096,102	79.6%	3221	4,587,625	1249	39%	239	2.5	NA	1	1	1	1
213	NSCLC	P29	P29-T1	Tumor	91.5	NSCLC tumor genotyping	Index	Barcoding	15,065,410	14,721,428	62.3%	2729	4,741,342	1276	47%	235	2.1	NA	1	1	1	0
214	NSCLC	P29	P29-T2	Tumor	100.0	NSCLC tumor genotyping	Index	Barcoding	17,411,974	16,951,328	80.8%	4218	5,867,868	1672	40%	200	2.5	NA	1	1	1	0
215	NSCLC	P31	P31	Tumor	100.0	NSCLC tumor genotyping	Index	Barcoding	16,843,930	16,491,572	62.5%	3103	5,496,162	1504	48%	239	2.0	NA	1	1	1	0
216	NSCLC	P33	P33	Tumor	100.0	NSCLC tumor genotyping	Index	Barcoding	15,213,532	15,060,036	78.5%	3094	5,396,993	1260	41%	244	2.4	NA	1	1	1	1
217	NSCLC	P34	P34	Tumor	100.0	NSCLC tumor genotyping	Index	Barcoding	22,796,832	22,589,982	79.6%	5225	8,187,247	2174	42%	252	2.4	NA	1	1	1	1
218	NSCLC	P35	P35	Tumor	100.0	NSCLC tumor genotyping	Index	Barcoding	13,939,930	13,662,847	75.1%	2713	5,380,256	1270	47%	256	2.1	NA	1	1	1	0
219	NSCLC	P37	P37	Tumor	NA	NSCLC tumor genotyping	Index	Barcoding	6,084,794	5,804,500	76.4%	1162	1,997,408	446	NA	232	2.4	NA	0	1	0	1
220	NSCLC	P41	P41	Tumor	NA	NSCLC tumor genotyping	Index	Barcoding	9,294,202	8,756,631	73.5%	1740	3,640,885	827	NA	267	2.0	NA	0	1	0	1
221	NSCLC	P45	P45	Tumor	NA	NSCLC tumor genotyping	Tandem	Barcoding	1,879,342	1,780,728	75.0%	283	141,593	25	NA	174	10.0	3	0	1	0	1
222	NSCLC	P46	P46	Tumor	4.4	NSCLC tumor genotyping	Tandem	Barcoding	16,700,190	16,372,179	73.3%	3275	1,279,379	300	21%	223	10.2	59	0	1	0	1
223	NSCLC	P50	P50	Tumor	12.4	NSCLC tumor genotyping	Tandem	Barcoding	13,874,336	13,625,918	75.1%	2862	2,812,006	693	24%	233	4.0	82	0	1	0	1
224	Technical	CTR2	CTR2-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	29,775,094	29,125,115	75.6%	5630	7,043,220	2006	36%	169	2.8	138	0	0	0	0
225	Technical	CTR5	CTR5-c1	cfDNA	25.5	NSCLC tumor genotyping	Tandem	Barcoding	32,736,636	32,029,988	76.2%	6559	7,335,740	2083	32%	171	3.1	219	0	0	0	0
226	Technical	CTR7	CTR7-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	31,468,158	30,745,235	76.9%	6752	7,465,178	2004	30%	178	3.2	231	0	0	0	0
227	Technical	CTR8	CTR8-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	25,243,590	24,575,045	75.3%	4868	5,402,376	1553	32%	170	3.1	143	0	0	0	0
228	Technical	CTR9	CTR9-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	31,682,470	31,084,390	75.8%	6215	7,164,701	2043	33%	170	3.0	188	0	0	0	0
229	Technical	CTR10	CTR10-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	34,893,104	34,206,046	75.6%	6826	8,253,379	2344	34%	171	2.9	197	0	0	0	0
230	Technical	CTR11	CTR11-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	31,798,240	31,122,984	75.9%	6356	7,334,944	2086	33%	171	3.0	186	0	0	0	0
231	Technical	CTR13	CTR13-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	22,838,998	21,715,479	70.5%	4603	5,712,904	1546	34%	188	2.9	136	0	0	0	0
232	Technical	CTR14	CTR14-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	33,480,192	32,819,038	75.7%	6834	7,785,466	2187	32%	176	3.1	223	0	0	0	0
233	Technical	CTR15	CTR15-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	27,986,584	27,507,958	76.1%	5385	6,162,611	1781	33%	173	3.0	158	0	0	0	0
234	Technical	CTR16	CTR16-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	30,712,702	29,833,429	74.2%	6368	7,092,562	1978	31%	178	3.2	214	0	0	0	0
235	Technical	CTR18	CTR18-c2	cfDNA	32.0	NSCLC tumor genotyping	Staggered short	Barcoding	25,748,374	25,380,749	82.2%	5485	8,906,512	2540	46%	172	2.1	217	0	0	0	0
236	Technical	CTR18	CTR18-c2-2	cfDNA	32.0	NSCLC tumor genotyping	Staggered long	Barcoding	32,246,680	31,870,867	83.9%	6875	11,955,134	3350	49%	171	2.0	294	0	0	0	0
237	Technical	CTR13	CTR13-c2	cfDNA	32.0	NSCLC tumor genotyping	Staggered short	Barcoding	25,267,282	25,001,585	82.6%	5963	8,614,329	2423	41%	179	2.4	272	0	0	0	0
238	Technical	CTR24	CTR24-c2	cfDNA	32.0	NSCLC tumor genotyping	Staggered long	Barcoding	26,905,122	26,611,159	82.2%	6149	11,349,916	3039	49%	178	2.0	241	0	0	0	0
239	Technical	CTR24	CTR24-c2-2	cfDNA	32.0	NSCLC tumor genotyping	Staggered short	Barcoding	29,262,248	28,894,216	81.3%	5988	8,937,870	2526	42%	173	2.4	292	0	0	0	0
240	Technical	CTR31	CTR31-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	28,488,600	27,897,312	74.9%	5601	6,603,870	1842	33%	179	3.0	167	0	0	0	0
241	Technical	CTR31	CTR31-TandemTest	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	124,357,190	65,257,428	26.7%	15173	15,843,222	4046	38%	175	3.6	829	0	0	0	0
242	Technical	CTR15-1dayHyb-1	1day-1-CTR15	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	22,714,122	22,345,151	65.4%	3413	7,177,760	1994	58%	176	1.8	301	0	0	0	0
243	Technical	CTR15-1dayHyb-2	1day-2-CTR15	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	21,804,372	21,546,955	78.1%	3899	8,065,545	2243	58%	176	1.8	364	0	0	0	0
244	Technical	CTR15-1dayHyb-3	1day-3-CTR15	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	21,072,126	20,826,757	73.1%	3581	7,819,167	2168	61%	174	1.7	327	0	0	0	0
245	Technical	CTR15-2dayHyb-1	2day-1-CTR15	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	23,519,372	23,268,599	79.7%	4493	7,228,659	202								

Sample number	Cohort	Case	Collection time ^a	Sample type	Input mass (ng)	Selector ^b	Sequencing adapter ^c	De-duplication ^d	Total reads	Mapped reads (non-deduped)	On-target rate (%) ^e	Median depth (non-deduped)	No. on-target reads (deduped)	Median de-duplicated depth (total hGEs if barcoding used)	hGEs recovered given sequencing depth (%) ^f	Median fragment length (bp)	Mean SSCS UID family size	Median depth of DCS molecules	Analyses with paired tumor and germline	Analyses with paired tumor	Analyses with paired germline	Analyses with biopsy confirmed EGFR-mutant NSCLC
247	Technical	CTR15-2dayHyb-3	2day-3-CTR15	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	23,618,260	23,401,655	77.9%	4513	9,278,250	2589	57%	174	1.8	436	0	0	0	0
248	Technical	CTR15-2hr30minHyb-1	2hr30-1-CTR15	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	19,797,646	19,272,145	55.6%	2368	5,309,383	1442	61%	176	1.7	151	0	0	0	0
249	Technical	CTR15-2hr30minHyb-2	2hr30-2-CTR15	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	15,485,222	14,916,309	41.1%	1591	3,686,826	930	58%	192	1.8	73	0	0	0	0
250	Technical	CTR15-2hr30minHyb-3	2hr30-3-CTR15	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	22,570,640	21,980,811	30.1%	1436	3,875,962	1031	72%	175	1.5	104	0	0	0	0
251	Technical	CTR15-3dayHyb-1	3day-1-CTR15	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	22,971,414	22,769,584	83.4%	4675	9,448,294	2660	57%	175	1.8	425	0	0	0	0
252	Technical	CTR15-3dayHyb-2	3day-2-CTR15	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	24,145,778	23,956,811	85.3%	5074	8,966,247	2527	50%	175	2.0	484	0	0	0	0
253	Technical	CTR15-3dayHyb-3	3day-3-CTR15	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	21,094,828	20,901,987	78.5%	4113	7,920,233	2200	53%	174	1.9	399	0	0	0	0
254	Technical	HD500-5%-into-cfDNA-1	HD500-5%-into-cfDNA-1	Cell line bld	32.0	NSCLC tumor genotyping	Tandem	Barcoding	77,571,034	76,970,698	84.7%	17408	15,577,064	4311	41%	178	4.0	911	0	0	0	0
255	Technical	HD500-5%-into-cfDNA-2	HD500-5%-into-cfDNA-2	Cell line bld	32.0	NSCLC tumor genotyping	Tandem	Barcoding	73,483,540	72,928,073	84.3%	16816	16,966,768	4655	44%	180	3.6	890	0	0	0	0
256	Technical	HD500-5%-into-cfDNA-3	HD500-5%-into-cfDNA-3	Cell line bld	32.0	NSCLC tumor genotyping	Tandem	Barcoding	60,141,902	59,731,284	83.0%	14032	15,688,237	4236	40%	183	3.3	659	0	0	0	0
257	Technical	HD500-5%-into-cfDNA-4	HD500-5%-into-cfDNA-4	Cell line bld	32.0	NSCLC tumor genotyping	Tandem	Barcoding	73,071,830	72,510,528	84.1%	17067	16,912,626	4620	44%	181	3.6	829	0	0	0	0
258	Technical	HD500-0.5%-into-cfDNA-1	HD500-0.5%-into-cfDNA-1	Cell line bld	32.0	NSCLC tumor genotyping	Tandem	Barcoding	66,657,582	66,082,973	83.3%	14546	16,339,926	4525	43%	179	3.2	848	0	0	0	0
259	Technical	HD500-0.5%-into-cfDNA-2	HD500-0.5%-into-cfDNA-2	Cell line bld	32.0	NSCLC tumor genotyping	Tandem	Barcoding	71,905,634	71,288,593	83.5%	15345	16,478,973	4614	44%	177	3.3	932	0	0	0	0
260	Technical	HD500-0.5%-into-cfDNA-3	HD500-0.5%-into-cfDNA-3	Cell line bld	32.0	NSCLC tumor genotyping	Tandem	Barcoding	64,387,320	63,823,082	83.3%	13805	15,186,461	4240	40%	178	3.2	790	0	0	0	0
261	Technical	HD500-0.5%-into-cfDNA-4	HD500-0.5%-into-cfDNA-4	Cell line bld	32.0	NSCLC tumor genotyping	Tandem	Barcoding	65,905,648	65,326,135	83.3%	14308	15,559,919	4324	41%	178	3.3	797	0	0	0	0
262	Technical	GBM-Spike-0.0005	GBM-Spike-0.0005	cfDNA	32.0	GBM	Tandem	Barcoding	69,527,938	68,293,860	62.8%	14688	17,345,145	4780	45%	176	2.9	822	0	0	0	0
263	Technical	GBM-Spike-0.0005	GBM-Spike-0.0005	cfDNA	32.0	GBM	Tandem	Barcoding	63,950,378	62,823,876	62.8%	13555	16,439,776	4532	43%	176	2.8	822	0	0	0	0
264	Technical	GBM-Spike-0.001	GBM-Spike-0.001	cfDNA	32.0	GBM	Tandem	Barcoding	65,368,778	64,212,701	62.1%	13677	16,204,553	4476	42%	176	2.9	756	0	0	0	0
265	Technical	GBM-Spike-0.005	GBM-Spike-0.005	cfDNA	32.0	GBM	Tandem	Barcoding	36,990,980	36,352,085	62.8%	7888	11,698,463	3239	41%	177	2.3	380	0	0	0	0
266	Technical	GBM-Spike-0.05	GBM-Spike-0.05	cfDNA	32.0	GBM	Tandem	Barcoding	30,056,590	29,573,422	62.3%	6488	10,638,818	2875	44%	178	2.1	288	0	0	0	0
267	Healthy/Technical	GBM-CTR17	GBM-CTR17-c1	cfDNA	32.0	GBM	Tandem	Barcoding	36,145,688	35,048,545	42.7%	5222	7,890,542	1607	31%	290	3.3	71	0	0	0	0
268	Healthy/Technical	GBM-CTR18	GBM-CTR18-c1	cfDNA	32.0	GBM	Tandem	Barcoding	27,631,530	26,874,010	43.9%	4216	6,557,517	1341	32%	289	3.1	69	0	0	0	0
269	Healthy/Technical	GBM-CTR19	GBM-CTR19-c1	cfDNA	32.0	GBM	Tandem	Barcoding	27,984,386	27,220,234	43.0%	4219	6,415,497	1246	30%	307	3.3	63	0	0	0	0
270	Healthy/Technical	GBM-CTR20	GBM-CTR20-c1	cfDNA	23.7	GBM	Tandem	Barcoding	29,489,510	28,503,814	40.7%	4198	6,869,919	1308	31%	319	3.1	82	0	0	0	0
271	Healthy/Technical	GBM-CTR21	GBM-CTR21-c1	cfDNA	32.0	GBM	Tandem	Barcoding	31,458,764	30,400,428	42.1%	4277	6,589,600	1337	31%	289	3.1	72	0	0	0	0
272	Healthy/Technical	GBM-CTR22	GBM-CTR22-c1	cfDNA	19.7	GBM	Tandem	Barcoding	32,995,510	32,057,169	43.0%	4952	6,558,491	1362	28%	292	3.7	98	0	0	0	0
273	Healthy/Technical	GBM-CTR23	GBM-CTR23-c1	cfDNA	32.0	GBM	Tandem	Barcoding	30,348,912	29,672,871	42.5%	4482	5,869,973	1130	25%	309	3.9	47	0	0	0	0
274	Healthy/Technical	GBM-CTR24	GBM-CTR24-c1	cfDNA	32.0	GBM	Tandem	Barcoding	47,284,246	46,161,500	41.8%	6889	9,304,843	1758	26%	317	3.8	111	0	0	0	0
275	Healthy/Technical	GBM-CTR25	GBM-CTR25-c1	cfDNA	32.0	GBM	Tandem	Barcoding	37,647,656	36,764,102	44.0%	5585	7,081,933	1421	25%	297	3.9	65	0	0	0	0
276	Healthy/Technical	GBM-CTR26	GBM-CTR26-c1	cfDNA	32.0	GBM	Tandem	Barcoding	38,321,932	37,291,033	43.4%	5702	7,591,725	1485	26%	305	3.7	81	0	0	0	0
277	Healthy/Technical	GBM-CTR27	GBM-CTR27-c1	cfDNA	32.0	GBM	Tandem	Barcoding	33,065,346	32,213,773	44.1%	4947	7,143,138	1443	29%	292	3.4	82	0	0	0	0
278	Healthy/Technical	GBM-CTR28	GBM-CTR28-c1	cfDNA	32.0	GBM	Tandem	Barcoding	35,976,502	34,710,079	42.0%	5216	7,902,972	1512	29%	312	3.4	88	0	0	0	0
279	Technical	GBM-Spike-0.0005	GBM-Spike-0.0005	cfDNA	32.0	GBM	Tandem	Barcoding	103,288,518	100,522,014	48.9%	17772	7,637,433	2773	26%	176	6.43	169	0	0	0	0
280	Technical	GBM-Spike-0.0005	GBM-Spike-0.0005	cfDNA	32.0	GBM	Tandem	Barcoding	105,786,270	102,662,969	48.8%	18199	12,093,563	4430	42%	176	4.14	299	0	0	0	0
281	Technical	GBM-Spike-0.001	GBM-Spike-0.001	cfDNA	32.0	GBM	Tandem	Barcoding	100,222,542	95,265,930	46.4%	15523	12,031,301	4400	42%	174	3.56	542	0	0	0	0
282	Technical	GBM-Spike-0.005	GBM-Spike-0.005	cfDNA	32.0	GBM	Tandem	Barcoding	66,777,970	64,642,354	44.5%	10501	7,847,346	2873	27%	177	3.68	662	0	0	0	0
283	Technical	GBM-Spike-0.05	GBM-Spike-0.05	cfDNA	32.0	GBM	Tandem	Barcoding	56,060,804	52,751,035	47.4%	9065	7,515,903	2726	30%	175	3.32	575	0	0	0	0
284	Technical	HD500-0.5%-into-cfDNA	HD500-0.5%-into-cfDNA	Cell line bld	72.0	NSCLC tumor genotyping	Tandem	Barcoding	270,879,108	246,345,503	64.3%	44615	42,477,920	12630	53%	175	3.42	4746	0	0	0	0
285	Healthy/Technical	CTR31	CTR31-c1	cfDNA	32.0	NSCLC tumor genotyping	Tandem	Barcoding	259,725,374	240,028,815	49.2%	31121	18,476,617	5016	48%	177	5.79	167	0	0	0	0
286	GBM	GBM Relapse	na	Tumor	100.00	SeqCap EZ Human Exome Library v3.0	Tandem	Barcoding	82,247,848	77,349,686	65.1%	62	46,147,599	60	97%	222	1.09	NA	0	0	0	0
287	GBM	GBM PBL	na	PBL	100.00	SeqCap EZ Human Exome Library v3.0	Tandem	Barcoding	86,781,192	81,963,286	66.5%	65	49,495,410	63	97%	264	1.66	NA	0	0	0	0

Supplementary Table 2. Figure to sample directory									
Samples are cross-referenced to worksheet 2 (samples_and_QC) by the sample number in column B (in worksheet 2, the sample number is provided in column A).									
^a Training cohort: used to build background database for polishing; Test cohort: not used to build background database for polishing (<i>Background polishing</i> in Methods)									
Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
2b	2	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
2b	5	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
2b	7	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
2b	8	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
2b	9	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
2b	10	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
2b	11	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
2b	12	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
2b	13	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
2b	14	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
2b	15	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
2b	30	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	2	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	5	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	7	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	8	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	9	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	10	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	11	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	12	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	13	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	14	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	15	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3a-c	30	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	1	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	2	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	3	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	4	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	5	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	6	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	7	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	8	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	9	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	10	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	11	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	12	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	13	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
3d	14	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	15	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	28	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	29	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
3d	30	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4a-b	254		Cell line blend	NSCLC tumor genotyping					
4a-b	255		Cell line blend	NSCLC tumor genotyping					
4a-b	256		Cell line blend	NSCLC tumor genotyping					
4a-b	257		Cell line blend	NSCLC tumor genotyping					
4c	254		Cell line blend	NSCLC tumor genotyping					
4c	255		Cell line blend	NSCLC tumor genotyping					
4c	256		Cell line blend	NSCLC tumor genotyping					
4c	257		Cell line blend	NSCLC tumor genotyping					
4c	258		Cell line blend	NSCLC tumor genotyping					
4c	259		Cell line blend	NSCLC tumor genotyping					
4c	260		Cell line blend	NSCLC tumor genotyping					
4c	261		Cell line blend	NSCLC tumor genotyping					
4d	31		cfDNA	NSCLC cfDNA					
4d	33		cfDNA	NSCLC cfDNA					
4d	37		cfDNA	NSCLC cfDNA					
4d	40		cfDNA	NSCLC cfDNA					
4d	49		cfDNA	NSCLC cfDNA					
4d	54		cfDNA	NSCLC cfDNA					
4d	59		cfDNA	NSCLC cfDNA					
4d	60		cfDNA	NSCLC cfDNA					
4d	62		cfDNA	NSCLC cfDNA					
4d	85		cfDNA	NSCLC cfDNA					
4d	90		cfDNA	NSCLC cfDNA					
4d	97		cfDNA	NSCLC cfDNA					
4d	111		cfDNA	NSCLC cfDNA					
4d	112		cfDNA	NSCLC cfDNA					
4d	113		cfDNA	NSCLC cfDNA					
4d	117		cfDNA	NSCLC cfDNA					
4d	121		cfDNA	NSCLC cfDNA					
4d	122		cfDNA	NSCLC cfDNA					
4d	123		cfDNA	NSCLC cfDNA					
4d	134		cfDNA	NSCLC cfDNA					
4d	144		cfDNA	NSCLC cfDNA					
4d	149		cfDNA	NSCLC cfDNA					
4d	152		cfDNA	NSCLC cfDNA					
4d	158		cfDNA	NSCLC cfDNA					
4d	198		Tumor	NSCLC tumor genotyping					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
4d	199		Tumor	NSCLC tumor genotyping					
4d	200		Tumor	NSCLC tumor genotyping					
4d	201		Tumor	NSCLC tumor genotyping					
4d	202		Tumor	NSCLC tumor genotyping					
4d	203		Tumor	NSCLC tumor genotyping					
4d	204		Tumor	NSCLC tumor genotyping					
4d	205		Tumor	NSCLC tumor genotyping					
4d	206		Tumor	NSCLC tumor genotyping					
4d	207		Tumor	NSCLC tumor genotyping					
4d	208		Tumor	NSCLC tumor genotyping					
4d	209		Tumor	NSCLC tumor genotyping					
4d	210		Tumor	NSCLC tumor genotyping					
4d	211		Tumor	NSCLC tumor genotyping					
4d	212		Tumor	NSCLC tumor genotyping					
4d	213		Tumor	NSCLC tumor genotyping					
4d	214		Tumor	NSCLC tumor genotyping					
4d	215		Tumor	NSCLC tumor genotyping					
4d	216		Tumor	NSCLC tumor genotyping					
4d	217		Tumor	NSCLC tumor genotyping					
4d	218		Tumor	NSCLC tumor genotyping					
4d	219		Tumor	NSCLC tumor genotyping					
4d	220		Tumor	NSCLC tumor genotyping					
4d	221		Tumor	NSCLC tumor genotyping					
4d	222		Tumor	NSCLC tumor genotyping					
4d	223		Tumor	NSCLC tumor genotyping					
4e	31	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	32	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	33	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	34	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	35	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	36	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	37	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	38	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	39	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	40	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	41	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	42	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	43	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	44	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	45	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	46	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC tumor genotyping					
4e	47	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC tumor genotyping					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
4e	48	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC tumor genotyping					
4e	49	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	50	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	51	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	52	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	53	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	54	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	55	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	56	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	57	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	58	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	59	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	60	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	61	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	62	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	63	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	64	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	65	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	66	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	85	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	86	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	87	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	88	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	90	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	97	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	98	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	99	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	111	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	112	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	113	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	114	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	115	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	117	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	118	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	121	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	122	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	123	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	126	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	134	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	144	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	145	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	146	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC tumor genotyping					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
4e	147	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC tumor genotyping					
4e	148	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC tumor genotyping					
4e	149	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	150	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	151	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	158	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	159	Plasma samples analyzed for 'All genes'	cfDNA	NSCLC cfDNA					
4e	33	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	34	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	35	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	36	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	40	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	41	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	42	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	43	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	44	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	45	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	46	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	47	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	48	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	49	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	50	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	51	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	52	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	53	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	59	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	67	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	68	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	69	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	70	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	71	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	72	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	73	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	74	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	75	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	76	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	77	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	78	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	84	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	85	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	86	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	87	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
4e	88	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	89	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	90	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	100	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	101	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	102	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	103	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	104	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	105	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	106	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	107	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	108	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	109	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	110	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	111	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	112	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	116	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	121	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	122	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	124	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	125	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	126	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	127	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	128	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	129	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	130	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	131	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	132	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	133	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	134	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	135	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	136	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	137	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	138	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	139	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	140	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	141	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	142	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	143	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	144	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	145	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	146	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
4e	147	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	148	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	149	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	150	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	151	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	152	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	153	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	154	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	155	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	156	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	157	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	158	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	159	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC cfDNA					
4e	160	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	161	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	162	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	163	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	164	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	165	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	166	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	167	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	168	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	169	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	170	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	171	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4e	172	Plasma samples analyzed for 'EGFR'	cfDNA	NSCLC tumor genotyping					
4f	1	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	2	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	3	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	4	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	5	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	6	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	7	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	8	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	9	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	10	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	11	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	12	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	13	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	14	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	15	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	28	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
4f	29	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	30	EGFR-wt: Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
4f	79	EGFR-wt: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	91	EGFR-wt: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	97	EGFR-wt: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	117	EGFR-wt: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	119	EGFR-wt: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	123	EGFR-wt: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	68	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	71	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	89	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	103	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	111	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	124	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	126	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	127	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	131	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	134	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	135	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	140	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	142	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	144	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	149	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	152	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	154	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	156	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	158	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	160	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC tumor genotyping					
4f	162	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC tumor genotyping					
4f	164	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC tumor genotyping					
4f	168	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC tumor genotyping					
4f	170	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC tumor genotyping					
4f	85	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	101	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	100	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	84	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	59	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	67	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	72	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	73	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	90	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	116	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
4f	121	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	129	EGFR-actionable variant: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	68	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	71	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	89	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	103	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	111	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	124	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	126	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	127	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	131	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	134	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	135	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	140	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	142	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	144	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	149	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	152	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	154	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	156	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	158	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	160	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC tumor genotyping					
4f	162	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC tumor genotyping					
4f	164	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC tumor genotyping					
4f	168	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC tumor genotyping					
4f	170	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC tumor genotyping					
4f	85	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	122	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	101	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	100	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
4f	84	EGFR-KD SNV: NSCLC pre-tx cfDNA	cfDNA	NSCLC cfDNA					
5a	262		cfDNA	GBM					
5a	263		cfDNA	GBM					
5a	264		cfDNA	GBM					
5a	265		cfDNA	GBM					
5a	266		cfDNA	GBM					
5b	1	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	2	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	3	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	4	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	5	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	6	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
5b	7	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	8	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	9	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	10	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	11	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	12	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	13	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	14	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	15	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	16	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	17	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	18	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	19	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	20	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	21	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	22	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	23	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	24	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	25	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	26	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	27	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
5b	28	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	29	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	30	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
5b	31	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	32	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	33	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	34	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	35	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	36	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	37	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	38	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	39	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	40	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	41	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	42	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	43	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	44	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	45	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	46	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
5b	47	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
5b	49	NSCLC cfDNA	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
5b	50	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	51	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	52	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	53	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	54	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	55	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	56	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	57	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	58	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	59	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	60	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	61	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	62	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	63	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	64	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	65	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	66	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	79	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	80	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	81	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	82	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	83	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	85	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	86	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	87	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	88	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	90	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	91	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	92	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	93	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	94	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	95	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	96	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	97	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	98	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	99	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	101	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	102	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	103	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	104	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	105	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	106	NSCLC cfDNA	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
5b	107	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	108	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	109	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	110	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	111	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	112	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	113	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	114	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	115	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	117	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	118	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	119	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	120	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	121	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	122	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	123	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	126	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	134	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	144	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	145	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	149	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	150	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	151	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	153	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	158	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	159	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5b	198	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	199	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	200	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	201	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	202	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	203	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	204	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	205	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	206	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	207	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	208	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	209	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	210	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	211	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	212	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	213	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
5b	214	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	215	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	216	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	217	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	218	Tumor for tumor/PBL genotyping	Tumor	NSCLC tumor genotyping					
5b	219	Tumor for tumor only genotyping	Tumor	NSCLC tumor genotyping					
5b	220	Tumor for tumor only genotyping	Tumor	NSCLC tumor genotyping					
5b	221	Tumor for tumor only genotyping	Tumor	NSCLC tumor genotyping					
5b	222	Tumor for tumor only genotyping	Tumor	NSCLC tumor genotyping					
5b	223	Tumor for tumor only genotyping	Tumor	NSCLC tumor genotyping					
5b	173	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	174	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	175	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	176	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	177	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	178	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	179	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	180	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	181	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	183	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	184	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	187	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	190	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	191	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	192	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	193	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	195	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	196	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	197	PBL for tumor/PBL genotyping	PBL	NSCLC tumor genotyping					
5b	182	PBL for noninvasive genotyping	PBL	NSCLC tumor genotyping					
5b	185	PBL for noninvasive genotyping	PBL	NSCLC tumor genotyping					
5b	186	PBL for noninvasive genotyping	PBL	NSCLC tumor genotyping					
5b	188	PBL for noninvasive genotyping	PBL	NSCLC tumor genotyping					
5b	189	PBL for noninvasive genotyping	PBL	NSCLC tumor genotyping					
5b	194	PBL for noninvasive genotyping	PBL	NSCLC tumor genotyping					
5c	54	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5c	55	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5c	60	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
5d	40	Shown in plot	cfDNA	NSCLC cfDNA					
5d	41	Shown in plot	cfDNA	NSCLC cfDNA					
5d	42	Shown in plot	cfDNA	NSCLC cfDNA					
5d	43	Shown in plot	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
5d	44	Shown in plot	cfDNA	NSCLC cfDNA					
5d	45	Shown in plot	cfDNA	NSCLC cfDNA					
5d	46	Shown in plot	cfDNA	NSCLC tumor genotyping					
5d	47	Shown in plot	cfDNA	NSCLC tumor genotyping					
5d	48	Shown in plot	cfDNA	NSCLC tumor genotyping					
5d	85	Shown in plot	cfDNA	NSCLC cfDNA					
5d	86	Shown in plot	cfDNA	NSCLC cfDNA					
5d	87	Shown in plot	cfDNA	NSCLC cfDNA					
5d	88	Shown in plot	cfDNA	NSCLC cfDNA					
5d	37	Shown in plot	cfDNA	NSCLC cfDNA					
5d	38	Shown in plot	cfDNA	NSCLC cfDNA					
5d	39	Shown in plot	cfDNA	NSCLC cfDNA					
5d	62	Shown in plot	cfDNA	NSCLC cfDNA					
5d	63	Shown in plot	cfDNA	NSCLC cfDNA					
5d	64	Shown in plot	cfDNA	NSCLC cfDNA					
5d	65	Shown in plot	cfDNA	NSCLC cfDNA					
5d	66	Shown in plot	cfDNA	NSCLC cfDNA					
5d	49	Only in analysis	cfDNA	NSCLC cfDNA					
5d	50	Only in analysis	cfDNA	NSCLC cfDNA					
5d	51	Only in analysis	cfDNA	NSCLC cfDNA					
5d	52	Only in analysis	cfDNA	NSCLC cfDNA					
5d	53	Only in analysis	cfDNA	NSCLC cfDNA					
5d	54	Only in analysis	cfDNA	NSCLC cfDNA					
5d	55	Only in analysis	cfDNA	NSCLC cfDNA					
5d	56	Only in analysis	cfDNA	NSCLC cfDNA					
5d	57	Only in analysis	cfDNA	NSCLC cfDNA					
5d	58	Only in analysis	cfDNA	NSCLC cfDNA					
5d	97	Only in analysis	cfDNA	NSCLC cfDNA					
5d	98	Only in analysis	cfDNA	NSCLC cfDNA					
5d	99	Only in analysis	cfDNA	NSCLC cfDNA					
5d	113	Only in analysis	cfDNA	NSCLC cfDNA					
5d	114	Only in analysis	cfDNA	NSCLC cfDNA					
5d	115	Only in analysis	cfDNA	NSCLC cfDNA					
S1b	2	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S1b	5	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S1b	7	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S1b	8	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S1b	9	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S1b	10	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S1b	11	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S1b	12	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S1b	13	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S1b	14	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S1b	15	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S1b	30	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	2	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	5	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	7	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	8	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	9	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	10	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	11	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	12	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	13	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	14	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	15	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	30	Tandem with PhiX	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	224	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	225	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	226	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	227	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	228	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	229	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	230	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	231	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	232	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	233	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	234	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	240	Tandem no PhiX	cfDNA	NSCLC tumor genotyping					
S1c	235	Staggered short	cfDNA	NSCLC tumor genotyping					
S1c	236	Staggered long	cfDNA	NSCLC tumor genotyping					
S1c	237	Staggered short	cfDNA	NSCLC tumor genotyping					
S1c	238	Staggered long	cfDNA	NSCLC tumor genotyping					
S1c	239	Staggered short	cfDNA	NSCLC tumor genotyping					
S1c	28	Staggered long	cfDNA	NSCLC tumor genotyping	Test cohort				
S1c	29	Staggered short	cfDNA	NSCLC tumor genotyping	Test cohort				
S2	241	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping					
S2	285	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping					
S3b	241	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping					
S3b	285	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping					
S4a,b,d	1	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	2	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	3	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	4	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S4a,b,d	6	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	7	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	8	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	9	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	10	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	11	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	12	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	13	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	14	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	15	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	16	32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	17	32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	18	32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	20	32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	22	32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	23	32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	24	32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	25	32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	26	32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	27	32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	28	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	30	32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	46	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	47	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	48	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	60	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	61	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	62	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	63	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	64	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	65	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	66	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	67	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	68	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	69	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	70	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	71	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	72	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	73	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	74	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	75	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	76	32 ng input	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S4a,b,d	77	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	78	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	79	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	80	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	81	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	82	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	83	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	85	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	86	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	87	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	88	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	92	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	93	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	94	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	95	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	96	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	97	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	98	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	99	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	101	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	102	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	104	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	105	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	106	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	107	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	108	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	109	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	110	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	111	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	113	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	114	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	115	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	116	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	117	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	118	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	119	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	120	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	123	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	126	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	127	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	128	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	129	32 ng input	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S4a,b,d	130	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	132	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	133	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	135	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	136	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	137	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	138	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	139	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	145	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	147	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	148	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	149	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	150	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	151	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	152	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	153	32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	161	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	162	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	163	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	164	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	165	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	166	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	167	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	168	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	169	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	170	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	171	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	172	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	224	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	226	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	227	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	228	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	229	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	230	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	231	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	232	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	233	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	234	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	235	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	236	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	237	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	238	32 ng input	cfDNA	NSCLC tumor genotyping					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S4a,b,d	239	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	240	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	241	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	242	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	243	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	244	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	245	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	246	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	247	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	248	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	249	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	250	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	251	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	252	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	253	32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	254	32 ng input	Cell line blend	NSCLC tumor genotyping					
S4a,b,d	255	32 ng input	Cell line blend	NSCLC tumor genotyping					
S4a,b,d	256	32 ng input	Cell line blend	NSCLC tumor genotyping					
S4a,b,d	257	32 ng input	Cell line blend	NSCLC tumor genotyping					
S4a,b,d	258	32 ng input	Cell line blend	NSCLC tumor genotyping					
S4a,b,d	259	32 ng input	Cell line blend	NSCLC tumor genotyping					
S4a,b,d	260	32 ng input	Cell line blend	NSCLC tumor genotyping					
S4a,b,d	261	32 ng input	Cell line blend	NSCLC tumor genotyping					
S4a,b,d	5	>5 and < 32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	19	>5 and < 32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	21	>5 and < 32 ng input	cfDNA	NSCLC tumor genotyping	Training cohort				
S4a,b,d	29	>5 and < 32 ng input	cfDNA	NSCLC tumor genotyping	Test cohort				
S4a,b,d	32	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	35	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	36	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	39	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	41	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	42	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	43	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	44	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	45	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	50	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	51	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	52	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	53	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	56	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	57	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S4a,b,d	58	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	59	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	84	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	89	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	90	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	91	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	100	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	103	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	112	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	121	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	122	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	124	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	125	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	131	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	134	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	140	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	141	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	142	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	143	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	144	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	146	>5 and < 32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	154	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	155	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	156	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	157	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	158	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	159	>5 and < 32 ng input	cfDNA	NSCLC cfDNA					
S4a,b,d	160	>5 and < 32 ng input	cfDNA	NSCLC tumor genotyping					
S4a,b,d	225	>5 and < 32 ng input	cfDNA	NSCLC tumor genotyping					
S4c	285	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	1	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	2	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	3	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	4	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	5	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	6	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	7	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	8	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	9	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	10	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	11	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	12	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S5b	13	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	14	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	15	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	16	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	17	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	18	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	19	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	20	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	21	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	22	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	23	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	24	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	25	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	26	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	27	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S5b	28	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	29	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	30	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S5b	31	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	32	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	33	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	34	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	35	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	36	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	37	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	38	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	39	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	40	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	41	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	42	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	43	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	44	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	45	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	46	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	47	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	48	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	49	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	50	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	51	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	52	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	53	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	54	NSCLC cfDNA	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S5b	55	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	56	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	57	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	58	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	59	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	60	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	61	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	62	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	63	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	64	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	65	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	66	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	67	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	68	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	69	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	70	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	71	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	72	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	73	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	74	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	75	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	76	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	77	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	78	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	79	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	80	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	81	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	82	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	83	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	84	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	85	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	86	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	87	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	88	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	89	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	90	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	91	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	92	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	93	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	94	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	95	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	96	NSCLC cfDNA	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S5b	97	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	98	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	99	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	100	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	101	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	102	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	103	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	104	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	105	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	106	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	107	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	108	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	109	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	110	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	111	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	112	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	113	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	114	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	115	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	116	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	117	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	118	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	119	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	120	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	121	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	122	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	123	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	124	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	125	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	126	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	127	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	128	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	129	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	130	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	131	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	132	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	133	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	134	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	135	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	136	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	137	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	138	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S5b	139	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	140	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	141	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	142	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	143	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	144	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	145	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	146	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	147	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	148	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	149	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	150	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	151	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	152	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	153	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	154	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	155	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	156	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	157	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	158	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	159	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S5b	160	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	161	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	162	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	163	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	164	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	165	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	166	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	167	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	168	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	169	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	170	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	171	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S5b	172	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S6b	2	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S6b	5	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S6b	7	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S6b	8	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S6b	9	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S6b	10	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S6b	11	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S6b	12	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S6b	13	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S6b	14	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S6b	15	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S6b	30	Test cohort	cfDNA	NSCLC tumor genotyping	Test cohort				
S6c	242		cfDNA	NSCLC tumor genotyping					
S6c	243		cfDNA	NSCLC tumor genotyping					
S6c	244		cfDNA	NSCLC tumor genotyping					
S6c	245		cfDNA	NSCLC tumor genotyping					
S6c	246		cfDNA	NSCLC tumor genotyping					
S6c	247		cfDNA	NSCLC tumor genotyping					
S6c	248		cfDNA	NSCLC tumor genotyping					
S6c	249		cfDNA	NSCLC tumor genotyping					
S6c	250		cfDNA	NSCLC tumor genotyping					
S6c	251		cfDNA	NSCLC tumor genotyping					
S6c	252		cfDNA	NSCLC tumor genotyping					
S6c	253		cfDNA	NSCLC tumor genotyping					
S7a	16	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7a	17	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7a	18	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7a	19	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7a	20	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7a	21	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7a	22	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7a	23	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7a	24	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7a	25	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7a	26	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7a	27	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S7b	2	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7b	5	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7b	7	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7b	8	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7b	9	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7b	10	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7b	11	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7b	12	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7b	13	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7b	14	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7b	15	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7b	30	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	16	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				
S7c	17	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S7c	18	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				
S7c	19	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				
S7c	20	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				
S7c	21	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				
S7c	22	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				
S7c	23	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				
S7c	24	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				
S7c	25	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				
S7c	26	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				
S7c	27	Training cohort 1	cfDNA	NSCLC tumor genotyping	Training cohort				
S7c	2	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	5	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	7	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	8	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	9	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	10	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	11	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	12	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	13	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	14	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	15	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	30	Training cohort 2	cfDNA	NSCLC tumor genotyping	Test cohort				
S7c	31	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	32	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	33	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	34	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	35	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	36	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	37	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	38	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	39	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	40	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	41	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	42	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	43	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	44	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	45	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	46	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	47	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	48	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	49	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	50	NSCLC cfDNA	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S7c	51	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	52	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	53	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	54	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	55	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	56	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	57	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	58	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	59	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	60	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	61	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	62	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	63	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	64	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	65	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	66	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	67	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	68	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	69	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	70	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	71	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	72	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	73	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	74	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	75	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	76	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	77	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	78	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	79	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	80	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	81	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	82	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	83	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	84	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	85	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	86	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	87	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	88	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	89	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	90	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	91	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	92	NSCLC cfDNA	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S7c	93	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	94	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	95	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	96	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	97	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	98	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	99	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	100	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	101	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	102	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	103	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	104	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	105	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	106	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	107	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	108	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	109	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	110	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	111	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	112	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	113	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	114	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	115	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	116	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	117	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	118	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	119	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	120	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	121	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	122	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	123	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	124	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	125	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	126	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	127	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	128	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	129	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	130	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	131	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	132	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	133	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	134	NSCLC cfDNA	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S7c	135	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	136	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	137	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	138	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	139	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	140	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	141	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	142	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	143	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	144	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	145	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	146	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	147	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	148	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	149	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	150	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	151	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	152	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	153	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	154	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	155	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	156	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	157	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	158	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	159	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S7c	160	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	161	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	162	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	163	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	164	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	165	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	166	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	167	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	168	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	169	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	170	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	171	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S7c	172	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S8	1	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	2	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	3	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	4	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S8	5	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	6	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	7	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	8	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	9	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	10	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	11	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	12	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	13	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	14	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	15	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	28	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	29	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S8	30	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S9a	254		Cell line blend	NSCLC tumor genotyping					
S9a	255		Cell line blend	NSCLC tumor genotyping					
S9a	256		Cell line blend	NSCLC tumor genotyping					
S9a	257		Cell line blend	NSCLC tumor genotyping					
S9b	284		Cell line blend	NSCLC tumor genotyping					
S10c	241	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping					
S11a-b	1	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	2	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	3	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	4	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	5	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	6	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	7	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	8	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	9	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	10	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	11	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	12	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	13	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	14	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	15	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	28	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	29	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11a-b	30	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S11b-c	31	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	33	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	37	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	40	NSCLC cfDNA	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S11b-c	49	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	54	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	59	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	60	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	62	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	85	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	90	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	97	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	111	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	112	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	113	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	117	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	121	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	122	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	123	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	126	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	134	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	144	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	149	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S11b-c	158	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S12a,c,d	262		cfDNA	GBM					
S12a,c,d	263		cfDNA	GBM					
S12a,c,d	264		cfDNA	GBM					
S12a,c,d	265		cfDNA	GBM					
S12a,c,d	266		cfDNA	GBM					
S12a,c,d	279		cfDNA	GBM					
S12a,c,d	280		cfDNA	GBM					
S12a,c,d	281		cfDNA	GBM					
S12a,c,d	282		cfDNA	GBM					
S12a,c,d	283		cfDNA	GBM					
S12b	262		cfDNA	GBM					
S12b	263		cfDNA	GBM					
S12b	264		cfDNA	GBM					
S12b	265		cfDNA	GBM					
S12b	266		cfDNA	GBM					
S12b	279		cfDNA	GBM					
S13	1	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	2	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	3	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	4	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	5	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	6	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S13	7	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	8	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	9	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	10	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	11	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	12	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	13	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	14	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	15	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	16	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	17	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	18	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	19	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	20	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	21	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	22	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	23	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	24	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	25	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	26	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	27	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Training cohort				
S13	28	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	29	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	30	Healthy control cfDNA	cfDNA	NSCLC tumor genotyping	Test cohort				
S13	31	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	33	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	37	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	40	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	49	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	54	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	59	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	60	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	62	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	79	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	85	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	90	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	91	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	93	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	97	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	101	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	103	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	111	NSCLC cfDNA	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S13	112	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	113	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	117	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	119	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	121	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	122	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	123	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	126	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	134	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	144	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	149	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S13	158	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	37	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	38	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	39	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	40	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	41	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	42	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	43	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	44	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	45	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	46	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S14	47	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S14	48	NSCLC cfDNA	cfDNA	NSCLC tumor genotyping					
S14	49	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	50	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	51	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	52	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	53	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	54	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	55	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	56	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	57	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	58	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	62	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	63	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	64	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	65	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	66	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	85	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	86	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	87	NSCLC cfDNA	cfDNA	NSCLC cfDNA					

Figure	Sample number	Notes	Sample type	Selector	Training/ Test (control cfDNA) ^a				
S14	88	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	97	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	98	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	99	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	113	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	114	NSCLC cfDNA	cfDNA	NSCLC cfDNA					
S14	115	NSCLC cfDNA	cfDNA	NSCLC cfDNA					