



Sample Information

Patient Name: 林光榮
Gender: Male
ID No.: F103096344
History No.: 47522418
Age: 67

Ordering Doctor: DOC3153J 黃煦晴
Ordering REQ.: D6F5L51
Signing in Date: 2021/09/09

Path No.: S110-99498
MP No.: F21073
Assay: Oncomine Focus Assay
Sample Type: FFPE
Block No.: S110-77132A
Percentage of tumor cells: 80%

Reporting Doctor: DOC5466K 葉奕成 (Phone: 8#5466)

Note:

Sample Cancer Type: Non-Small Cell Lung Cancer

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Report Highlights
0 Therapies Available
0 Clinical Trials

Relevant Non-Small Cell Lung Cancer Variants

Gene	Finding	Gene	Finding
ALK	None detected	NTRK1	None detected
BRAF	None detected	NTRK2	None detected
EGFR	None detected	NTRK3	None detected
ERBB2	None detected	RET	None detected
KRAS	None detected	ROS1	None detected
MET	None detected		

Relevant Biomarkers

No relevant biomarkers found in this sample.

Variant Details

DNA Sequence Variants

Gene	Amino Acid Change	Coding	Variant ID	Locus	Allele Frequency	Transcript	Variant Effect	Coverage
ALK	p.(*1621R)	c.4861T>C	.	chr2:29416092	7.89%	NM_004304.5	stoploss	494
ALK	p.(D1529E)	c.4587C>G	.	chr2:29416366	50.19%	NM_004304.5	missense	1052
ALK	p.(A1200=)	c.3600G>C	.	chr2:29443617	46.96%	NM_004304.5	synonymous	1086
ALK	p.(G1125=)	c.3375C>A	.	chr2:29445458	52.23%	NM_004304.5	synonymous	1997
PIK3CA	p.(I718T)	c.2153T>C	.	chr3:178938911	4.99%	NM_006218.4	missense	982
PDGFRA	p.(G313=)	c.939T>G	.	chr4:55133726	53.83%	NM_006206.6	synonymous	1997
PDGFRA	p.(V824=)	c.2472C>T	.	chr4:55152040	44.45%	NM_006206.6	synonymous	2000
FGFR4	p.(P136L)	c.407C>T	.	chr5:176517797	99.60%	NM_213647.3	missense	1487
FGFR4	p.(T179A)	c.535A>G	.	chr5:176518037	49.58%	NM_213647.3	missense	593
EGFR	p.(Q787=)	c.2361G>A	.	chr7:55249063	73.05%	NM_005228.5	synonymous	861
BRAF	p.(Q562R)	c.1685A>G	.	chr7:140476721	5.28%	NM_004333.6	missense	739
BRAF	p.(G474E)	c.1421G>A	.	chr7:140481387	7.51%	NM_004333.6	missense	1998
BRAF	p.(S335F)	c.1004C>T	.	chr7:140494244	6.10%	NM_004333.6	missense	984
FGFR1	p.(T726=)	c.2178T>G	.	chr8:38271771	5.41%	NM_001174067.1	synonymous	850
RET	p.(S904=)	c.2712C>G	.	chr10:43615633	48.25%	NM_020975.6	synonymous	570
FGFR2	p.(I383L)	c.1147A>T	.	chr10:123274771	5.82%	NM_000141.5	missense	911
KRAS	p.(N26=)	c.78T>C	.	chr12:25398241	5.00%	NM_033360.4	synonymous	2000
ERBB3	p.(S346=)	c.1038C>T	.	chr12:56482581	6.35%	NM_001982.4	synonymous	2000
CDK4	p.(A205=)	c.615A>G	.	chr12:58144456	5.45%	NM_000075.4	synonymous	2000
MAP2K1	p.(K64R)	c.191A>G	.	chr15:66727475	5.65%	NM_002755.4	missense	2000
MAP2K1	p.(Y134F)	c.401A>T	.	chr15:66729193	4.75%	NM_002755.4	missense	2000
MAP2K1	p.(G210=)	c.630G>T	.	chr15:66774154	9.97%	NM_002755.4	synonymous	1996
BRCA1	p.(N1774Y)	c.5320A>T	.	chr17:41203092	5.27%	NM_007294.4	missense	474
JAK3	p.(E547*)	c.1639G>T	.	chr19:17948803	6.16%	NM_000215.4	nonsense	1998
JAK3	p.(K534*)	c.1600A>T	.	chr19:17948842	5.05%	NM_000215.4	nonsense	2000

Clinical Trials in Taiwan region:

Signatures

Testing Personnel:

Laboratory Supervisor:

Pathologist: