



Sample Information

Patient Name: 呂田美珠
Gender: Female
ID No.: V220513090
History No.: 40530867
Age: 63

Ordering Doctor: DOC1878G 沈佳儀
Ordering REQ.: 0BUVYWK
Signing in Date: 2022/05/04

Path No.: S111-99211
MP No.: F22040
Assay: Oncomine Focus Assay
Sample Type: FFPE
Block No.: S111-16977A+B
Percentage of tumor cells: 30%

Reporting Doctor: DOC5452C 周德盈 (Phone: 8#5452)

Note:

Sample Cancer Type: Non-Small Cell Lung Cancer

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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.

Variants (Exclude variant in Taiwan BioBank with >1% allele frequency)

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	9.31%	NM_004304.5	stoploss	881
PIK3CA	p.(W552*)	c.1656G>A	.	chr3:178936114	4.88%	NM_006218.4	nonsense	471
SMO	p.(V411L)	c.1231G>C	.	chr7:128846395	4.80%	NM_005631.5	missense	2000
BRAF	p.(Q562R)	c.1685A>G	.	chr7:140476721	5.15%	NM_004333.6	missense	2000
BRAF	p.(G474E)	c.1421G>A	.	chr7:140481387	6.95%	NM_004333.6	missense	2000
BRAF	p.(S335F)	c.1004C>T	.	chr7:140494244	5.50%	NM_004333.6	missense	2000
FGFR1	p.(T726=)	c.2178T>G	.	chr8:38271771	9.31%	NM_001174067.1	synonymous	1461
FGFR2	p.(I383L)	c.1147A>T	.	chr10:123274771	6.85%	NM_000141.5	missense	1999
KRAS	p.(N26=)	c.78T>C	.	chr12:25398241	5.20%	NM_033360.4	synonymous	2000
CDK4	p.(A205=)	c.615A>G	.	chr12:58144456	4.85%	NM_000075.4	synonymous	2000
CDK4	p.(P26L)	c.77C>T	.	chr12:58145424	4.60%	NM_000075.4	missense	2000
MAP2K1	p.(K64R)	c.191A>G	.	chr15:66727475	5.05%	NM_002755.4	missense	2000
MAP2K1	p.(Y134F)	c.401A>T	.	chr15:66729193	7.05%	NM_002755.4	missense	1999
MAP2K1	p.(G210=)	c.630G>T	.	chr15:66774154	8.56%	NM_002755.4	synonymous	1997
BRCA1	p.(N1774Y)	c.5320A>T	.	chr17:41203092	4.44%	NM_007294.4	missense	721
JAK3	p.(E547*)	c.1639G>T	.	chr19:17948803	4.60%	NM_000215.4	nonsense	1999

Clinical Trials in Taiwan region:

Signatures

Testing Personnel:

Laboratory Supervisor:

Pathologist: