

Department of Pathology and Laboratory Medicine No.201, Sec. 2, Shipai Rd., Beitou District, Taipei City, Taiwan 11217, R.O.C.

Tel: 02-2875-7449

Date: 23 Dec 2021 1 of 3

Sample Information

Patient Name: 盧銘棟 Gender: Male ID No.: F122329831 History No.: 42092591

Age: 61

Ordering Doctor: DOC1006E 賴峻毅

Ordering REQ.: 0BQAVPL Signing in Date: 2021/12/22

Path No.: S110-94918 **MP No.:** BR21059

Assay: Oncomine BRCA1/2 Assay

Sample Type: Blood

Date of blood drawing: 2021/12/16

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

Note:

Sample Cancer Type: Pancreatic Cancer

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Relevant Biomarkers

No clinically significant biomarkers found in this sample.

Variant Details

DNA Sequence Variants

Amino Acid Change	Coding	Locus	Allele Frequency	Transcript	Variant Effect	ClinVar ¹	Coverage
p.(N372H)	c.1114A>C	chr13:32906729	50.20%	NM_000059.3	missense	Benign	4000
p.(V1269=)	c.3807T>C	chr13:32912299	50.80%	NM_000059.3	synonymous	Benign	3998
p.(L1521=)	c.4563A>G	chr13:32913055	99.97%	NM_000059.3	synonymous	Benign	2921
p.(V2171=)	c.6513G>C	chr13:32915005	99.95%	NM_000059.3	synonymous	Benign	3996
p.(V2466A)	c.7397T>C	chr13:32929387	99.85%	NM_000059.3	missense	Benign	3999
p.(S1613G)	c.4837A>G	chr17:41223094	49.21%	NM_007294.4	missense	Benign	3985
p.(T1449=)	c.4347A>G	chr17:41234431	51.08%	NM_007294.4	synonymous	Likely benign	3998
	p.(N372H) p.(V1269=) p.(L1521=) p.(V2171=) p.(V2466A) p.(S1613G)	p.(N372H) c.1114A>C p.(V1269=) c.3807T>C p.(L1521=) c.4563A>G p.(V2171=) c.6513G>C p.(V2466A) c.7397T>C p.(S1613G) c.4837A>G	p.(N372H) c.1114A>C chr13:32906729 p.(V1269=) c.3807T>C chr13:32912299 p.(L1521=) c.4563A>G chr13:32913055 p.(V2171=) c.6513G>C chr13:32915005 p.(V2466A) c.7397T>C chr13:32929387 p.(S1613G) c.4837A>G chr17:41223094	Amino Acid ChangeCodingLocusFrequencyp.(N372H)c.1114A>Cchr13:3290672950.20%p.(V1269=)c.3807T>Cchr13:3291229950.80%p.(L1521=)c.4563A>Gchr13:3291305599.97%p.(V2171=)c.6513G>Cchr13:3291500599.95%p.(V2466A)c.7397T>Cchr13:3292938799.85%p.(S1613G)c.4837A>Gchr17:4122309449.21%	Amino Acid ChangeCodingLocusFrequencyTranscriptp.(N372H)c.1114A>Cchr13:3290672950.20%NM_000059.3p.(V1269=)c.3807T>Cchr13:3291229950.80%NM_000059.3p.(L1521=)c.4563A>Gchr13:3291305599.97%NM_000059.3p.(V2171=)c.6513G>Cchr13:3291500599.95%NM_000059.3p.(V2466A)c.7397T>Cchr13:3292938799.85%NM_000059.3p.(S1613G)c.4837A>Gchr17:4122309449.21%NM_007294.4	Amino Acid ChangeCodingLocusFrequencyTranscriptVariant Effectp.(N372H)c.1114A>Cchr13:3290672950.20%NM_000059.3missensep.(V1269=)c.3807T>Cchr13:3291229950.80%NM_000059.3synonymousp.(L1521=)c.4563A>Gchr13:3291305599.97%NM_000059.3synonymousp.(V2171=)c.6513G>Cchr13:3291500599.95%NM_000059.3synonymousp.(V2466A)c.7397T>Cchr13:3292938799.85%NM_000059.3missensep.(S1613G)c.4837A>Gchr17:4122309449.21%NM_007294.4missense	Amino Acid Change Coding Locus Frequency Transcript Variant Effect ClinVar1 p.(N372H) c.1114A>C chr13:32906729 50.20% NM_000059.3 missense Benign p.(V1269=) c.3807T>C chr13:32912299 50.80% NM_000059.3 synonymous Benign p.(L1521=) c.4563A>G chr13:32913055 99.97% NM_000059.3 synonymous Benign p.(V2171=) c.6513G>C chr13:32915005 99.95% NM_000059.3 synonymous Benign p.(V2466A) c.7397T>C chr13:32929387 99.85% NM_000059.3 missense Benign p.(S1613G) c.4837A>G chr17:41223094 49.21% NM_007294.4 missense Benign

¹ Based on Clinvar version 20200329

Variant Details (continued)

DNA Sequence Variants (continued)

Gene	Amino Acid Change	Coding	Locus	Allele Frequency	Transcript	Variant Effect	ClinVar ¹	Coverage
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	21.18%	NM_007294.4	synonymous	Benign	3523
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	49.32%	NM_007294.4	missense	Benign	3998
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	49.33%	NM_007294.4	missense	Benign	4000
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	47.58%	NM_007294.4	missense	Benign	4000
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	49.90%	NM_007294.4	synonymous	Benign	3996
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	49.52%	NM_007294.4	synonymous	Benign	3996

¹ Based on Clinvar version 20200329

Date: 23 Dec 2021

Signatures

Testing Personnel:

Laboratory Supervisor:

Pathologist: