

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

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Date: 27 Apr 2023 1 of 2

Sample Information

Patient Name: 蔡筱萍 Gender: Female ID No.: F223586323 History No.: 28667712

Age: 50

Ordering Doctor: DOC3707G_洪煥程

Ordering REQ.: 0CJVRLG Signing in Date: 2023/04/27

Path No.: M112-00078 **MP No.:** BR23023

Assay: Oncomine BRCA1/2 Assay

Sample Type: Blood

Date of blood drawing: 2023/04/20

Reporting Doctor: DOC5424G 彭昱璟 (Phone: 8#5424)

Note:

Sample Cancer Type: Breast 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.(?)	c26G>A	chr13:32890572	99.87%	NM_000059.3	unknown	Benign	3996
p.(K1132=)	c.3396A>G	chr13:32911888	99.60%	NM_000059.3	synonymous	Benign	3997
p.(L1521=)	c.4563A>G	chr13:32913055	99.94%	NM_000059.3	synonymous	Benign	3628
p.(V2171=)	c.6513G>C	chr13:32915005	99.97%	NM_000059.3	synonymous	Benign	3997
p.(S2414=)	c.7242A>G	chr13:32929232	99.27%	NM_000059.3	synonymous	Benign	3997
p.(V2466A)	c.7397T>C	chr13:32929387	99.82%	NM_000059.3	missense	Benign	3999
p.(S1613G)	c.4837A>G	chr17:41223094	48.22%	NM_007294.4	missense	Benign	3982
	p.(?) p.(K1132=) p.(L1521=) p.(V2171=) p.(S2414=) p.(V2466A)	p.(?) c26G>A p.(K1132=) c.3396A>G p.(L1521=) c.4563A>G p.(V2171=) c.6513G>C p.(S2414=) c.7242A>G p.(V2466A) c.7397T>C	p.(?) c26G>A chr13:32890572 p.(K1132=) c.3396A>G chr13:32911888 p.(L1521=) c.4563A>G chr13:32913055 p.(V2171=) c.6513G>C chr13:32915005 p.(S2414=) c.7242A>G chr13:32929232 p.(V2466A) c.7397T>C chr13:32929387	Amino Acid ChangeCodingLocusFrequencyp.(?)c26G>Achr13:3289057299.87%p.(K1132=)c.3396A>Gchr13:3291188899.60%p.(L1521=)c.4563A>Gchr13:3291305599.94%p.(V2171=)c.6513G>Cchr13:3291500599.97%p.(S2414=)c.7242A>Gchr13:3292923299.27%p.(V2466A)c.7397T>Cchr13:3292938799.82%	Amino Acid ChangeCodingLocusFrequencyTranscriptp.(?)c26G>Achr13:3289057299.87%NM_000059.3p.(K1132=)c.3396A>Gchr13:3291188899.60%NM_000059.3p.(L1521=)c.4563A>Gchr13:3291305599.94%NM_000059.3p.(V2171=)c.6513G>Cchr13:3291500599.97%NM_000059.3p.(S2414=)c.7242A>Gchr13:3292923299.27%NM_000059.3p.(V2466A)c.7397T>Cchr13:3292938799.82%NM_000059.3	Amino Acid ChangeCodingLocusFrequencyTranscriptVariant Effectp.(?)c26G>Achr13:3289057299.87%NM_000059.3unknownp.(K1132=)c.3396A>Gchr13:3291188899.60%NM_000059.3synonymousp.(L1521=)c.4563A>Gchr13:3291305599.94%NM_000059.3synonymousp.(V2171=)c.6513G>Cchr13:3291500599.97%NM_000059.3synonymousp.(S2414=)c.7242A>Gchr13:3292923299.27%NM_000059.3synonymousp.(V2466A)c.7397T>Cchr13:3292938799.82%NM_000059.3missense	Amino Acid Change Coding Locus Frequency Transcript Variant Effect ClinVar1 p.(?) c26G>A chr13:32890572 99.87% NM_000059.3 unknown Benign p.(K1132=) c.3396A>G chr13:32911888 99.60% NM_000059.3 synonymous Benign p.(L1521=) c.4563A>G chr13:32913055 99.94% NM_000059.3 synonymous Benign p.(V2171=) c.6513G>C chr13:32915005 99.97% NM_000059.3 synonymous Benign p.(S2414=) c.7242A>G chr13:32929322 99.27% NM_000059.3 synonymous Benign p.(V2466A) c.7397T>C chr13:32929387 99.82% NM_000059.3 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	49.72%	NM_007294.4	synonymous	Benign	4000
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	48.20%	NM_007294.4	missense	Benign	4000
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	53.15%	NM_007294.4	missense	Benign	3998
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	48.31%	NM_007294.4	missense	Benign	3999
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	49.27%	NM_007294.4	synonymous	Benign	4000
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	51.40%	NM_007294.4	synonymous	Benign	4000
BRCA1	p.(V191I)	c.571G>A	chr17:41249283	49.20%	NM_007294.4	missense	Benign	3998

¹ Based on Clinvar version 20200329