

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: 12 Jan 2022 1 of 3

Sample Information

Patient Name: 王施惠英 Gender: Female ID No.: N202171319 History No.: 28269570

Age: 69

Ordering Doctor: DOC2407K 陳彥蓁 Ordering REQ.: D6M61NA

Signing in Date: 2022/01/12

Path No.: S111-98109 **MP No.:** BR22003

Assay: Oncomine BRCA Assay

Sample Type: Blood

Date of blood drawing: 2021/12/30

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

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	51.26%	NM_000059.3	unknown	Benign	3995
p.(K1132=)	c.3396A>G	chr13:32911888	51.56%	NM_000059.3	synonymous	Benign	3999
p.(V1269=)	c.3807T>C	chr13:32912299	49.40%	NM_000059.3	synonymous	Benign	3994
p.(L1521=)	c.4563A>G	chr13:32913055	99.97%	NM_000059.3	synonymous	Benign	3139
p.(V2171=)	c.6513G>C	chr13:32915005	99.97%	NM_000059.3	synonymous	Benign	3999
p.(S2414=)	c.7242A>G	chr13:32929232	49.80%	NM_000059.3	synonymous	Benign	4000
p.(V2466A)	c.7397T>C	chr13:32929387	99.75%	NM_000059.3	missense	Benign	3997
	p.(?) p.(K1132=) p.(V1269=) p.(L1521=) p.(V2171=) p.(S2414=)	p.(?) c26G>A p.(K1132=) c.3396A>G p.(V1269=) c.3807T>C p.(L1521=) c.4563A>G p.(V2171=) c.6513G>C p.(S2414=) c.7242A>G	p.(?) c26G>A chr13:32890572 p.(K1132=) c.3396A>G chr13:32911888 p.(V1269=) c.3807T>C chr13:32912299 p.(L1521=) c.4563A>G chr13:32913055 p.(V2171=) c.6513G>C chr13:32915005 p.(S2414=) c.7242A>G chr13:32929232	Amino Acid ChangeCodingLocusFrequencyp.(?)c26G>Achr13:3289057251.26%p.(K1132=)c.3396A>Gchr13:3291188851.56%p.(V1269=)c.3807T>Cchr13:3291229949.40%p.(L1521=)c.4563A>Gchr13:3291305599.97%p.(V2171=)c.6513G>Cchr13:3291500599.97%p.(S2414=)c.7242A>Gchr13:3292923249.80%	Amino Acid ChangeCodingLocusFrequencyTranscriptp.(?)c26G>Achr13:3289057251.26%NM_000059.3p.(K1132=)c.3396A>Gchr13:3291188851.56%NM_000059.3p.(V1269=)c.3807T>Cchr13:3291229949.40%NM_000059.3p.(L1521=)c.4563A>Gchr13:3291305599.97%NM_000059.3p.(V2171=)c.6513G>Cchr13:3291500599.97%NM_000059.3p.(S2414=)c.7242A>Gchr13:3292923249.80%NM_000059.3	Amino Acid ChangeCodingLocusFrequencyTranscriptVariant Effectp.(?)c26G>Achr13:3289057251.26%NM_000059.3unknownp.(K1132=)c.3396A>Gchr13:3291188851.56%NM_000059.3synonymousp.(V1269=)c.3807T>Cchr13:3291229949.40%NM_000059.3synonymousp.(L1521=)c.4563A>Gchr13:3291305599.97%NM_000059.3synonymousp.(V2171=)c.6513G>Cchr13:3291500599.97%NM_000059.3synonymousp.(S2414=)c.7242A>Gchr13:3292923249.80%NM_000059.3synonymous	Amino Acid Change Coding Locus Frequency Transcript Variant Effect ClinVar1 p.(?) c26G>A chr13:32890572 51.26% NM_000059.3 unknown Benign p.(K1132=) c.3396A>G chr13:32911888 51.56% NM_000059.3 synonymous Benign p.(V1269=) c.3807T>C chr13:32912299 49.40% 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 99.97% NM_000059.3 synonymous Benign p.(S2414=) c.7242A>G chr13:32929232 49.80% NM_000059.3 synonymous 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.(S1613G)	c.4837A>G	chr17:41223094	47.84%	NM_007294.4	missense	Benign	3997
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	49.02%	NM_007294.4	synonymous	Benign	4000
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	50.04%	NM_007294.4	missense	Benign	3997
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	50.94%	NM_007294.4	missense	Benign	3999
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	48.49%	NM_007294.4	missense	Benign	3999
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	48.90%	NM_007294.4	synonymous	Benign	3998
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	50.05%	NM_007294.4	synonymous	Benign	3998

¹ Based on Clinvar version 20200329

Date: 12 Jan 2022

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Signatures

Testing Personnel:

Laboratory Supervisor:

Pathologist: