

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: 21 Apr 2022 1 of 3

Sample Information

Patient Name: 黃雅欣 Gender: Female ID No.: N223269967 History No.: 32838452

Age: 44

Ordering Doctor: DOC2108A 馮晉榮

Ordering REQ.: D6NJKK5 Signing in Date: 2022/04/21

Path No.: S111-99092 **MP No.:** BR22028

Assay: Oncomine BRCA Assay

Sample Type: Blood

Date of blood drawing: 2022/04/18

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	ClinVar1	Coverage
p.(?)	c26G>A	chr13:32890572	50.58%	NM_000059.3	unknown	Benign	3996
p.(K1132=)	c.3396A>G	chr13:32911888	51.39%	NM_000059.3	synonymous	Benign	3997
p.(V1269=)	c.3807T>C	chr13:32912299	50.23%	NM_000059.3	synonymous	Benign	3994
p.(L1521=)	c.4563A>G	chr13:32913055	99.90%	NM_000059.3	synonymous	Benign	3994
p.(V2171=)	c.6513G>C	chr13:32915005	100.00%	NM_000059.3	synonymous	Benign	3998
p.(S2414=)	c.7242A>G	chr13:32929232	49.46%	NM_000059.3	synonymous	Benign	3997
p.(V2466A)	c.7397T>C	chr13:32929387	99.82%	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>Achr13:3289057250.58%p.(K1132=)c.3396A>Gchr13:3291188851.39%p.(V1269=)c.3807T>Cchr13:3291229950.23%p.(L1521=)c.4563A>Gchr13:3291305599.90%p.(V2171=)c.6513G>Cchr13:32915005100.00%p.(S2414=)c.7242A>Gchr13:3292923249.46%	Amino Acid Change Coding Locus Frequency Transcript p.(?) c26G>A chr13:32890572 50.58% NM_000059.3 p.(K1132=) c.3396A>G chr13:32911888 51.39% NM_000059.3 p.(V1269=) c.3807T>C chr13:32912299 50.23% NM_000059.3 p.(L1521=) c.4563A>G chr13:32913055 99.90% NM_000059.3 p.(V2171=) c.6513G>C chr13:32915005 100.00% NM_000059.3 p.(S2414=) c.7242A>G chr13:32929232 49.46% NM_000059.3	Amino Acid ChangeCodingLocusFrequencyTranscriptVariant Effectp.(?)c26G>Achr13:3289057250.58%NM_000059.3unknownp.(K1132=)c.3396A>Gchr13:3291188851.39%NM_000059.3synonymousp.(V1269=)c.3807T>Cchr13:3291229950.23%NM_000059.3synonymousp.(L1521=)c.4563A>Gchr13:3291305599.90%NM_000059.3synonymousp.(V2171=)c.6513G>Cchr13:32915005100.00%NM_000059.3synonymousp.(S2414=)c.7242A>Gchr13:3292923249.46%NM_000059.3synonymous	Amino Acid Change Coding Locus Frequency Transcript Variant Effect ClinVar1 p.(?) c26G>A chr13:32890572 50.58% NM_000059.3 unknown Benign p.(K1132=) c.3396A>G chr13:32911888 51.39% NM_000059.3 synonymous Benign p.(V1269=) c.3807T>C chr13:32912299 50.23% NM_000059.3 synonymous Benign p.(L1521=) c.4563A>G chr13:32913055 99.90% NM_000059.3 synonymous Benign p.(V2171=) c.6513G>C chr13:32915005 100.00% NM_000059.3 synonymous Benign p.(S2414=) c.7242A>G chr13:32929232 49.46% NM_000059.3 synonymous Benign

¹ Based on Clinvar version 20200329

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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	50.24%	NM_007294.4	missense	Benign	3985
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	49.63%	NM_007294.4	synonymous	Benign	4000
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	50.40%	NM_007294.4	missense	Benign	4000
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	50.54%	NM_007294.4	missense	Benign	3999
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	46.46%	NM_007294.4	missense	Benign	3997
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	48.35%	NM_007294.4	synonymous	Benign	3998
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	48.11%	NM_007294.4	synonymous	Benign	3997

¹ Based on Clinvar version 20200329

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Signatures Testing Personnel:

Pathologist:

Laboratory Supervisor: