Taipei Veterans General Hospital

Department of Pathology and Laboratory Medicine
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Sample Information

Patient Name: 陳美齡
Gender: Female
ID No.: F225006515
History No.: 46375831
Age: 42

Ordering Doctor: DOC1242E 劉峻宇
Ordering REQ.: 0CRHLLZ
Signing in Date: 2023/09/27

Path No.: M112-00257
MP No.: BR23071
Assay: Oncomine BRCA1/2 Assay
Sample Type: Blood
Date of blood drawing: 2023/09/21

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

Note:

Sample Cancer Type: Breast Cancer

Report Highlights
0 Therapies Available
0 Clinical Trials

Relevant Breast Cancer Variants

Gene	Finding
BRCA1	None detected
BRCA2	None detected

Relevant Biomarkers

No clinically significant biomarkers found in this sample.

Variant Details

DNA Sequence Variants

Gene	Amino Acid Change	Coding	Locus	Allele Frequency	Transcript	Variant Effect	ClinVar[1]	Coverage
BRCA2	p.(N372H)	c.1114A>C	chr13:32906729	51.75%	NM_000059.3	missense	Benign	3998
BRCA2	p.(L1521=)	c.4563A>G	chr13:32913055	100.00%	NM_000059.3	synonymous	Benign	2244

[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
BRCA2	p.(V2171=)	c.6513G>C	chr13:32915005	99.97%	NM_000059.3	synonymous	Benign	4000
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.91%	NM_000059.3	missense	Benign	3303
BRCA1	p.(S1613G)	c.4837A>G	chr17:41223094	99.90%	NM_007294.4	missense	Benign	3998
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	99.90%	NM_007294.4	synonymous	Benign	3887
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	99.70%	NM_007294.4	missense	Benign	4000
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	99.55%	NM_007294.4	missense	Benign	4000
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	99.82%	NM_007294.4	missense	Benign	3996
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	99.97%	NM_007294.4	synonymous	Benign	3528
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	99.77%	NM_007294.4	synonymous	Benign	3995

[1] Based on Clinvar version 20200329