Taipei Veterans General Hospital

Department of Pathology and Laboratory Medicine
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Sample Information

Patient Name: 陳品樺
Gender: Female
ID No.: A220880865
History No.: 48876319
Age: 52

Ordering Doctor: DOC2456B 游暄萱
Ordering REQ.: 0CWEUUW
Signing in Date: 2024/1/22

Path No.: M113-00023
MP No.: BR24006
Assay: Oncomine BRCA1/2 Assay
Sample Type: Blood
Date of blood drawing: 2024/1/18

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.(?)	c.-26G>A	chr13:32890572	51.65%	NM_000059.3	unknown	Benign	3996
BRCA2	p.(K1132=)	c.3396A>G	chr13:32911888	52.69%	NM_000059.3	synonymous	Benign	3999

[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.(V1269=)	c.3807T>C	chr13:32912299	50.17%	NM_000059.3	synonymous	Benign	3444
BRCA2	p.(L1521=)	c.4563A>G	chr13:32913055	100.00%	NM_000059.3	synonymous	Benign	1808
BRCA2	p.(V2171=)	c.6513G>C	chr13:32915005	99.97%	NM_000059.3	synonymous	Benign	3997
BRCA2	p.(S2414=)	c.7242A>G	chr13:32929232	50.32%	NM_000059.3	synonymous	Benign	2784
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.84%	NM_000059.3	missense	Benign	2519
BRCA1	p.(S1613G)	c.4837A>G	chr17:41223094	48.60%	NM_007294.4	missense	Benign	3994
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	50.65%	NM_007294.4	synonymous	Benign	2529
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	50.77%	NM_007294.4	missense	Benign	4000
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	49.46%	NM_007294.4	missense	Benign	3999
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	49.07%	NM_007294.4	missense	Benign	3998
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	49.78%	NM_007294.4	synonymous	Benign	2750
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	49.59%	NM_007294.4	synonymous	Benign	3999

[1] Based on Clinvar version 20200329