Taipei Veterans General Hospital

Department of Pathology and Laboratory Medicine
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Sample Information

Patient Name: 施秀美
Gender: Female
ID No.: N222468224
History No.: 47033783
Age: 55

Ordering Doctor: DOC1888K 趙大中
Ordering REQ.: D6P56C6
Signing in Date: 2022/05/19

Path No.: S111-99363
MP No.: BR22031
Assay: Oncomine BRCA1/2 Assay
Sample Type: Blood
Date of blood drawing: 2022/05/12

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

Note:

Sample Cancer Type: Breast Cancer

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Report Highlights
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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	52.83%	NM_000059.3	unknown	Benign	3996
BRCA2	p.(N289H)	c.865A>C	chr13:32906480	50.88%	NM_000059.3	missense	Benign	2966
BRCA2	p.(S455=)	c.1365A>G	chr13:32906980	46.53%	NM_000059.3	synonymous	Benign	3997
BRCA2	p.(H743=)	c.2229T>C	chr13:32910721	51.85%	NM_000059.3	synonymous	Benign	3996
BRCA2	p.(N991D)	c.2971A>G	chr13:32911463	50.08%	NM_000059.3	missense	Benign	1789
BRCA2	p.(K1132=)	c.3396A>G	chr13:32911888	53.15%	NM_000059.3	synonymous	Benign	3996
BRCA2	p.(L1521=)	c.4563A>G	chr13:32913055	99.92%	NM_000059.3	synonymous	Benign	3991

[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	100.00%	NM_000059.3	synonymous	Benign	3997
BRCA2	p.(S2414=)	c.7242A>G	chr13:32929232	49.89%	NM_000059.3	synonymous	Benign	3999
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.90%	NM_000059.3	missense	Benign	3998
BRCA1	p.(S1613G)	c.4837A>G	chr17:41223094	48.99%	NM_007294.4	missense	Benign	3972
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	48.70%	NM_007294.4	synonymous	Benign	4000
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	51.16%	NM_007294.4	missense	Benign	3999
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	51.74%	NM_007294.4	missense	Benign	3999
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	48.25%	NM_007294.4	missense	Benign	3998
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	49.31%	NM_007294.4	synonymous	Benign	3999
BRCA1	p.(R762S)	c.2286A>T	chr17:41245262	49.02%	NM_007294.4	missense	Benign	3988
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	49.96%	NM_007294.4	synonymous	Benign	3999

[1] Based on Clinvar version 20200329

Signatures

Testing Personnel: Shin-Ying Lin 2022.05.20 08:40:22 +08'00'

Laboratory Supervisor: 2022.05.20 08:40:35 +08'00'

Pathologist: Yu-Ching P 2022.05.20 08:40:49 +08'00'