Taipei Veterans General Hospital

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

Sample Information

Patient Name: 周欣儀
Gender: Female
ID No.: F224872079
History No.: 41827707
Age: 39

Ordering Doctor: DOC2589K 曾令民
Ordering REQ.: D6PMCLH
Signing in Date: 2022/06/30

Path No.: S111-99670
MP No.: BR22040
Assay: Oncomine BRCA1/2 Assay
Sample Type: Blood
Date of blood drawing: 2022/06/23

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	50.11%	NM_000059.3	unknown	Benign	3997
BRCA2	p.(N289H)	c.865A>C	chr13:32906480	48.13%	NM_000059.3	missense	Benign	2275
BRCA2	p.(S455=)	c.1365A>G	chr13:32906980	42.49%	NM_000059.3	synonymous	Benign	3999
BRCA2	p.(H743=)	c.2229T>C	chr13:32910721	50.48%	NM_000059.3	synonymous	Benign	3996
BRCA2	p.(N991D)	c.2971A>G	chr13:32911463	49.29%	NM_000059.3	missense	Benign	2548
BRCA2	p.(K1132=)	c.3396A>G	chr13:32911888	51.30%	NM_000059.3	synonymous	Benign	3998
BRCA2	p.(L1521=)	c.4563A>G	chr13:32913055	99.93%	NM_000059.3	synonymous	Benign	2717

[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	3997
BRCA2	p.(S2414=)	c.7242A>G	chr13:32929232	49.67%	NM_000059.3	synonymous	Benign	3998
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.94%	NM_000059.3	missense	Benign	3312
BRCA1	p.(S1613G)	c.4837A>G	chr17:41223094	51.00%	NM_007294.4	missense	Benign	3994
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	48.86%	NM_007294.4	synonymous	Benign	3999
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	50.98%	NM_007294.4	missense	Benign	4000
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	49.44%	NM_007294.4	missense	Benign	3999
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	49.04%	NM_007294.4	missense	Benign	3997
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	51.55%	NM_007294.4	synonymous	Benign	3249
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	48.74%	NM_007294.4	synonymous	Benign	3997

[1] Based on Clinvar version 20200329

Signatures

Testing Personnel: Shin-Ying Lin 2022.07.04 09:23:12 +08'00'

Laboratory Supervisor: 2022.07.04 09:23:22 +08'00'

Pathologist: Yu-Ching Peng 2022.07.04 09:23:36 +08'00'