



Sample Information

Patient Name: 彭玉蘭
Gender: Female
ID No.: J220484996
History No.: 47452700
Age: 82

Ordering Doctor: DOC3697E 陳怡仁
Ordering REQ.: K2JEDAA
Signing in Date: 2023/11/09

Path No.: M112-00286
MP No.: BR23082
Assay: Oncomine BRCA1/2 Assay
Sample Type: Blood
Date of blood drawing: 2023/11/03

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

Note:

Sample Cancer Type: Breast Cancer

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Variant Details	1	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	51.86%	NM_000059.3	unknown	Benign	3997
BRCA2	p.(N372H)	c.1114A>C	chr13:32906729	51.00%	NM_000059.3	missense	Benign	3996

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.(K1132=)	c.3396A>G	chr13:32911888	52.05%	NM_000059.3	synonymous	Benign	3996
BRCA2	p.(L1521=)	c.4563A>G	chr13:32913055	99.97%	NM_000059.3	synonymous	Benign	3157
BRCA2	p.(V2171=)	c.6513G>C	chr13:32915005	100.00%	NM_000059.3	synonymous	Benign	4000
BRCA2	p.(S2414=)	c.7242A>G	chr13:32929232	49.85%	NM_000059.3	synonymous	Benign	3998
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.85%	NM_000059.3	missense	Benign	3999
BRCA1	p.(S1613G)	c.4837A>G	chr17:41223094	99.95%	NM_007294.4	missense	Benign	4000
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	99.62%	NM_007294.4	synonymous	Benign	3999
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	99.72%	NM_007294.4	missense	Benign	3999
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	99.57%	NM_007294.4	missense	Benign	3998
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	99.77%	NM_007294.4	missense	Benign	3994
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	99.82%	NM_007294.4	synonymous	Benign	3992
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	99.90%	NM_007294.4	synonymous	Benign	3997

¹ Based on Clinvar version 20200329