



Sample Information

Patient Name: 蔡孜群  
Gender: Female  
ID No.: H224375479  
History No.: 48793175  
Age: 28

Ordering Doctor: DOC2589K 曾令民  
Ordering REQ.: D749L52  
Signing in Date: 2023/02/08

Path No.: M112-00023  
MP No.: BR23006  
Assay: Oncomine BRCA1/2 Assay  
Sample Type: Blood  
Date of blood drawing: 2023/02/02

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

Note:

Sample Cancer Type: Breast Cancer

Table of Contents	Page	Report Highlights
Variant Details	1	0 Therapies Available 0 Clinical Trials

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 <sup>1</sup>	Coverage
BRCA2	p.(?)	c.-26G>A	chr13:32890572	52.94%	NM_000059.3	unknown	Benign	3999
BRCA2	p.(N372H)	c.1114A>C	chr13:32906729	50.48%	NM_000059.3	missense	Benign	3994
BRCA2	p.(K1132=)	c.3396A>G	chr13:32911888	51.83%	NM_000059.3	synonymous	Benign	3996
BRCA2	p.(L1521=)	c.4563A>G	chr13:32913055	99.85%	NM_000059.3	synonymous	Benign	3994
BRCA2	p.(V2171=)	c.6513G>C	chr13:32915005	100.00%	NM_000059.3	synonymous	Benign	3999
BRCA2	p.(S2414=)	c.7242A>G	chr13:32929232	49.44%	NM_000059.3	synonymous	Benign	3997
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.70%	NM_000059.3	missense	Benign	3997

<sup>1</sup> Based on Clinvar version 20200329

## Variant Details (continued)

### DNA Sequence Variants (continued)

Gene	Amino Acid Change	Coding	Locus	Allele Frequency	Transcript	Variant Effect	ClinVar <sup>1</sup>	Coverage
BRCA1	p.(S1613G)	c.4837A>G	chr17:41223094	49.33%	NM_007294.4	missense	Benign	3983
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	46.78%	NM_007294.4	synonymous	Benign	4000
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	51.33%	NM_007294.4	missense	Benign	4000
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	50.08%	NM_007294.4	missense	Benign	4000
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	46.84%	NM_007294.4	missense	Benign	3997
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	50.60%	NM_007294.4	synonymous	Benign	3996
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	50.14%	NM_007294.4	synonymous	Benign	3999

<sup>1</sup> Based on Clinvar version 20200329

## Signatures

Testing Personnel:

Laboratory Supervisor:

Pathologist: