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:** 蔡筱萍
**Gender:** Female
**ID No.:** F223586323
**History No.:** 28667712
**Age:** 50

**Ordering Doctor:** DOC3707G_洪煥程
**Ordering REQ.:** 0CJVRLG
**Signing in Date:** 2023/04/27

**Path No.:** M112-00078
**MP No.:** BR23023
**Assay:** Oncomine BRCA1/2 Assay
**Sample Type:** Blood
**Date of blood drawing:** 2023/04/20

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

**Note:**

## Sample Cancer Type: Breast Cancer



**Report Highlights**
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[1] | Coverage |
|---|---|---|---|---|---|---|---|---|
| BRCA2 | p.(?) | c.-26G>A | chr13:32890572 | 99.87% | NM_000059.3 | unknown | Benign | 3996 |
| BRCA2 | p.(K1132=) | c.3396A>G | chr13:32911888 | 99.60% | NM_000059.3 | synonymous | Benign | 3997 |
| BRCA2 | p.(L1521=) | c.4563A>G | chr13:32913055 | 99.94% | NM_000059.3 | synonymous | Benign | 3628 |
| BRCA2 | p.(V2171=) | c.6513G>C | chr13:32915005 | 99.97% | NM_000059.3 | synonymous | Benign | 3997 |
| BRCA2 | p.(S2414=) | c.7242A>G | chr13:32929232 | 99.27% | NM_000059.3 | synonymous | Benign | 3997 |
| BRCA2 | p.(V2466A) | c.7397T>C | chr13:32929387 | 99.82% | NM_000059.3 | missense | Benign | 3999 |
| BRCA1 | p.(S1613G) | c.4837A>G | chr17:41223094 | 48.22% | NM_007294.4 | missense | Benign | 3982 |

[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 |
|---|---|---|---|---|---|---|---|---|
| BRCA1 | p.(S1436=) | c.4308T>C | chr17:41234470 | 49.72% | NM_007294.4 | synonymous | Benign | 4000 |
| BRCA1 | p.(K1183R) | c.3548A>G | chr17:41244000 | 48.20% | NM_007294.4 | missense | Benign | 4000 |
| BRCA1 | p.(E1038G) | c.3113A>G | chr17:41244435 | 53.15% | NM_007294.4 | missense | Benign | 3998 |
| BRCA1 | p.(P871L) | c.2612C>T | chr17:41244936 | 48.31% | NM_007294.4 | missense | Benign | 3999 |
| BRCA1 | p.(L771=) | c.2311T>C | chr17:41245237 | 49.27% | NM_007294.4 | synonymous | Benign | 4000 |
| BRCA1 | p.(S694=) | c.2082C>T | chr17:41245466 | 51.40% | NM_007294.4 | synonymous | Benign | 4000 |
| BRCA1 | p.(V191I) | c.571G>A | chr17:41249283 | 49.20% | NM_007294.4 | missense | Benign | 3998 |

[1] Based on Clinvar version 20200329