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:** 陳郁琦
**Gender:** Female
**ID No.:** A224569376
**History No.:** 46420273
**Age:** 45

**Ordering Doctor:** DOC2407K 陳彥蓁
**Ordering REQ.:** D6MHJK4
**Signing in Date:** 2022/03/10

**Path No.:** S111-98652
**MP No.:** BR22020
**Assay:** Oncomine BRCA Assay
**Sample Type:** Blood
**Date of blood drawing:** 2022/03/07

**Reporting Doctor:** DOC5452C 周德盈 (Phone: 8#5452)

**Note:**

## Sample Cancer Type: Breast Cancer

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**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 | 50.34% | NM_000059.3 | unknown | Benign | 3997 |
| BRCA2 | p.(N372H) | c.1114A>C | chr13:32906729 | 50.85% | NM_000059.3 | missense | Benign | 3902 |
| BRCA2 | p.(K1132=) | c.3396A>G | chr13:32911888 | 53.21% | NM_000059.3 | synonymous | Benign | 3999 |
| BRCA2 | p.(S1140=) | c.3420T>C | chr13:32911912 | 49.94% | NM_000059.3 | synonymous | Benign | 2643 |
| BRCA2 | p.(L1521=) | c.4563A>G | chr13:32913055 | 99.80% | NM_000059.3 | synonymous | Benign | 1956 |
| BRCA2 | p.(V2171=) | c.6513G>C | chr13:32915005 | 99.97% | NM_000059.3 | synonymous | Benign | 3476 |
| BRCA2 | p.(S2414=) | c.7242A>G | chr13:32929232 | 50.43% | NM_000059.3 | synonymous | Benign | 2100 |

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.(V2466A) | c.7397T>C | chr13:32929387 | 99.73% | NM_000059.3 | missense | Benign | 2260 |

[1] Based on Clinvar version 20200329

# Signatures

**Testing Personnel:**

**Laboratory Supervisor:**

**Pathologist:**