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:** 鄭美綺
**Gender:** Female
**ID No.:** A225516879
**History No.:** 46832466
**Age:** 32

**Ordering Doctor:** DOC3697E 陳怡仁
**Ordering REQ.:** 0BEXFEK
**Signing in Date:** 2021/04/21

**Path No.:** S110-98620
**MP No.:** BR21016
**Assay:** Oncomine BRCA1/2 Assay
**Sample Type:** FFPE
**Block No.:** S110-65636S
**Percentage of tumor cells:** 70%
**Note:**

## Sample Cancer Type: Ovarian Cancer



**Report Highlights**
0 Therapies Available
0 Clinical Trials

## Relevant Ovarian Cancer Variants

| Gene | Finding |
|---|---|
| BRCA1 | Not detected |
| BRCA2 | Not 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 | 99.70% | NM_000059.3 | unknown | Benign | 1998 |
| BRCA2 | p.(E350K) | c.1048G>A | chr13:32906663 | 2.47% | NM_000059.3 | missense | | 1987 |
| BRCA2 | p.(T582P) | c.1744A>C | chr13:32907359 | 61.99% | NM_000059.3 | missense | Benign | 1997 |

[1] Based on Clinvar version 20180225

# Variant Details (continued)

## DNA Sequence Variants (continued)

| Gene | Amino Acid Change | Coding | Locus | Allele Frequency | Transcript | Variant Effect | ClinVar[1] | Coverage |
|---|---|---|---|---|---|---|---|---|
| BRCA2 | p.(=) | c.3396A>G | chr13:32911888 | 99.60% | NM_000059.3 | synonymous | Benign | 1994 |
| BRCA2 | p.(=) | c.4563A>G | chr13:32913055 | 100.00% | NM_000059.3 | synonymous | Benign | 1340 |
| BRCA2 | p.(=) | c.6513G>C | chr13:32915005 | 99.90% | NM_000059.3 | synonymous | Benign | 1992 |
| BRCA2 | p.(=) | c.7242A>G | chr13:32929232 | 99.60% | NM_000059.3 | synonymous | Benign | 1999 |
| BRCA2 | p.(V2466A) | c.7397T>C | chr13:32929387 | 99.95% | NM_000059.3 | missense | Conflicting interpretations of pathogenicity | 2000 |
| BRCA1 | p.(=) | c.114G>A | chr17:41267763 | 47.10% | NM_007300.3 | synonymous | Benign | 1998 |

[1] Based on Clinvar version 20180225

## Signatures

**Testing Personnel:**

**Laboratory Supervisor:**

**Pathologist:**