Taipei Veterans General Hospital

Department of Pathology and Laboratory Medicine
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11217, R.O.C.
Tel: 02-2875-7449



## Sample Information

**Patient Name:** 洪朝陽
**Gender:** Male
**ID No.:** P101933805
**History No.:** 33764271
**Age:** 72

**Ordering Doctor:** DOC2108A 馮晉榮
**Ordering REQ.:** 0BLDPVZ
**Signing in Date:** 2021/09/15

**Path No.:** S110-99541
**MP No.:** BR21038
**Assay:** Oncomine BRCA1/2 Assay
**Sample Type:** Blood
**Date of blood drawing:** 2021/09/09

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

**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 | 99.82% | NM_000059.3 | unknown | Benign | 3994 |
| BRCA2 | p.(K1132=) | c.3396A>G | chr13:32911888 | 99.75% | NM_000059.3 | synonymous | Benign | 4000 |
| BRCA2 | p.(L1521=) | c.4563A>G | chr13:32913055 | 99.94% | NM_000059.3 | synonymous | Benign | 3269 |
| BRCA2 | p.(V2171=) | c.6513G>C | chr13:32915005 | 99.95% | NM_000059.3 | synonymous | Benign | 4000 |
| BRCA2 | p.(S2414=) | c.7242A>G | chr13:32929232 | 99.62% | NM_000059.3 | synonymous | Benign | 3999 |
| BRCA2 | p.(V2466A) | c.7397T>C | chr13:32929387 | 99.82% | NM_000059.3 | missense | Benign | 3997 |
| BRCA1 | p.(S1613G) | c.4837A>G | chr17:41223094 | 49.92% | NM_007294.4 | missense | Benign | 3970 |

[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 | 49.75% | NM_007294.4 | synonymous | Benign | 4000 |
| BRCA1 | p.(K1183R) | c.3548A>G | chr17:41244000 | 48.58% | NM_007294.4 | missense | Benign | 4000 |
| BRCA1 | p.(E1038G) | c.3113A>G | chr17:41244435 | 51.01% | NM_007294.4 | missense | Benign | 3999 |
| BRCA1 | p.(P871L) | c.2612C>T | chr17:41244936 | 49.10% | NM_007294.4 | missense | Benign | 3996 |
| BRCA1 | p.(L771=) | c.2311T>C | chr17:41245237 | 49.90% | NM_007294.4 | synonymous | Benign | 3998 |
| BRCA1 | p.(S694=) | c.2082C>T | chr17:41245466 | 49.10% | NM_007294.4 | synonymous | Benign | 3998 |

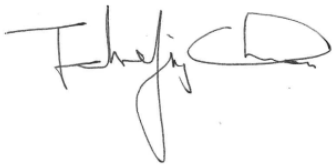
[1] Based on Clinvar version 20200329

## Signatures

**Testing Personnel:** 

2021.09.15
14:28:56 +08'00'

**Laboratory Supervisor:** 
2021.09.15
14:29:10 +08'00'

**Pathologist:** 
2021.09.15
14:29:24 +08'00'