



Sample Information

Patient Name: 楊敬安
Gender: Female
ID No.: A226366766
History No.: 38908531
Age: 27

Ordering Doctor: DOC2589K 曾令民
Ordering REQ.: D6GEHEA
Signing in Date: 2021/10/21

Path No.: S110-99822
MP No.: BR21044
Assay: Oncomine BRCA1/2 Assay
Sample Type: Blood
Date of blood drawing: 2021/10/21

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

Note:

Sample Cancer Type: Breast Cancer

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Variant Details

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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 | 51.81% | NM_000059.3 | unknown | Benign | 3999 |
| BRCA2 | p.(K1132=) | c.3396A>G | chr13:32911888 | 53.46% | NM_000059.3 | synonymous | Benign | 3999 |
| BRCA2 | p.(V1269=) | c.3807T>C | chr13:32912299 | 51.24% | NM_000059.3 | synonymous | Benign | 3997 |
| BRCA2 | p.(L1521=) | c.4563A>G | chr13:32913055 | 99.97% | NM_000059.3 | synonymous | Benign | 3215 |
| BRCA2 | p.(V2171=) | c.6513G>C | chr13:32915005 | 100.00% | NM_000059.3 | synonymous | Benign | 3999 |
| BRCA2 | p.(S2414=) | c.7242A>G | chr13:32929232 | 50.49% | NM_000059.3 | synonymous | Benign | 3999 |
| BRCA2 | p.(V2466A) | c.7397T>C | chr13:32929387 | 99.87% | NM_000059.3 | missense | Benign | 3786 |

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.(K38=) | c.114G>A | chr17:41267763 | 47.14% | NM_007294.4 | synonymous | Benign | 3997 |

¹ Based on Clinvar version 20200329

Signatures

Testing Personnel:

Laboratory Supervisor:

Pathologist: