



Sample Information

Patient Name: 劉玉錫
Gender: Male
ID No.: H101688597
History No.: 24509920
Age: 83

Ordering Doctor: DOC8696E 蔡明軒
Ordering REQ.: 0BPQLTL
Signing in Date: 2021/12/17

Path No.: S110-94851
MP No.: BR21054
Assay: Oncomine BRCA1/2 Assay
Sample Type: Blood
Date of blood drawing: 2021/12/7

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

Note:

Sample Cancer Type: Prostate 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 | 52.42% | NM_000059.3 | unknown | Benign | 3995 |
| BRCA2 | p.(N372H) | c.1114A>C | chr13:32906729 | 49.70% | NM_000059.3 | missense | Benign | 3998 |
| BRCA2 | p.(K1132=) | c.3396A>G | chr13:32911888 | 51.82% | NM_000059.3 | synonymous | Benign | 3991 |
| BRCA2 | p.(L1521=) | c.4563A>G | chr13:32913055 | 99.89% | NM_000059.3 | synonymous | Benign | 2638 |
| BRCA2 | p.(V2171=) | c.6513G>C | chr13:32915005 | 99.85% | NM_000059.3 | synonymous | Benign | 3993 |
| BRCA2 | p.(S2414=) | c.7242A>G | chr13:32929232 | 50.86% | NM_000059.3 | synonymous | Benign | 3997 |
| BRCA2 | p.(V2466A) | c.7397T>C | chr13:32929387 | 99.72% | NM_000059.3 | missense | Benign | 3995 |

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.(S1613G) | c.4837A>G | chr17:41223094 | 99.97% | NM_007294.4 | missense | Benign | 3996 |
| BRCA1 | p.(S1436=) | c.4308T>C | chr17:41234470 | 99.35% | NM_007294.4 | synonymous | Benign | 3999 |
| BRCA1 | p.(K1183R) | c.3548A>G | chr17:41244000 | 99.47% | NM_007294.4 | missense | Benign | 3997 |
| BRCA1 | p.(E1038G) | c.3113A>G | chr17:41244435 | 98.07% | NM_007294.4 | missense | Benign | 3999 |
| BRCA1 | p.(P871L) | c.2612C>T | chr17:41244936 | 99.55% | NM_007294.4 | missense | Benign | 3994 |
| BRCA1 | p.(L771=) | c.2311T>C | chr17:41245237 | 99.72% | NM_007294.4 | synonymous | Benign | 3987 |
| BRCA1 | p.(S694=) | c.2082C>T | chr17:41245466 | 99.75% | NM_007294.4 | synonymous | Benign | 3988 |

¹ Based on Clinvar version 20200329

Signatures

Testing Personnel:

Laboratory Supervisor:

Pathologist: