



Sample Information

Patient Name: 陳郁菁
Gender: Female
ID No.: F225621914
History No.: 49278935
Age: 41

Ordering Doctor: DOC2394E 許璿文
Ordering REQ.: 0CQEEZG
Signing in Date: 2023/08/30

Path No.: M112-00239
MP No.: BR23064
Assay: Oncomine BRCA1/2 Assay
Sample Type: Blood
Date of blood drawing: 2023/08/25

Reporting Doctor: DOC5424G 彭昱璟 (Phone: 8#5424)

Note:

Sample Cancer Type: Breast Cancer

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Variant Details	1	0 Therapies Available 0 Clinical Trials

Relevant Breast Cancer Variants

Gene	Finding
BRCA1	None detected
BRCA2	None 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	54.24%	NM_000059.3	unknown	Benign	3995
BRCA2	p.(N372H)	c.1114A>C	chr13:32906729	47.93%	NM_000059.3	missense	Benign	4000

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.(K1132=)	c.3396A>G	chr13:32911888	52.35%	NM_000059.3	synonymous	Benign	3998
BRCA2	p.(L1521=)	c.4563A>G	chr13:32913055	99.93%	NM_000059.3	synonymous	Benign	2790
BRCA2	p.(V2171=)	c.6513G>C	chr13:32915005	100.00%	NM_000059.3	synonymous	Benign	3998
BRCA2	p.(S2414=)	c.7242A>G	chr13:32929232	50.57%	NM_000059.3	synonymous	Benign	3702
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.76%	NM_000059.3	missense	Benign	3367
BRCA1	p.(S1613G)	c.4837A>G	chr17:41223094	50.24%	NM_007294.4	missense	Benign	3985
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	48.35%	NM_007294.4	synonymous	Benign	3688
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	49.81%	NM_007294.4	missense	Benign	3999
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	54.12%	NM_007294.4	missense	Benign	3997
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	50.51%	NM_007294.4	missense	Benign	3993
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	51.88%	NM_007294.4	synonymous	Benign	3358
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	50.84%	NM_007294.4	synonymous	Benign	3999

¹ Based on Clinvar version 20200329