

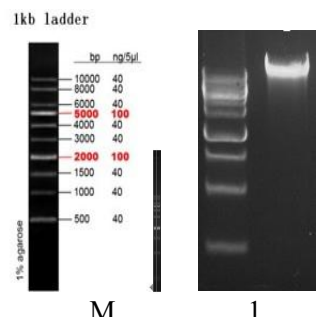
## CERTIFICATE OF ANALYSIS

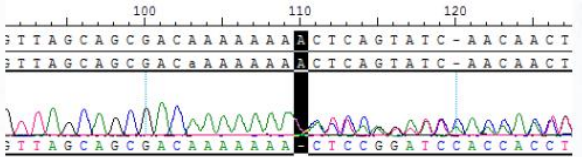
### BRCA2 p.T3033fs\*29 Reference Standard

#### Product information

Name	BRCA2 p.T3033fs*29 Reference Standard
Catalog No.	CBP10398
Lot No.	CGD17274776
Format	Genomic DNA
DNA Change	c.9090delA
AA Change	p.T3033fs*29
Mutation Type	Deletion - Frameshift
Zygosity	Heterozygous
Allelic Frequency	50%
Transcript	ENST00000380152
Copy Number	4
Ploidy	3.73
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Aug.-28-2019
Expiry	36 months from the date of manufacture

#### Quality Control


Test Items	Standard	Results	Passed
Quantity	1ug/vial*2vials	1ug/vial*2vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.84	√
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40</p> <p>8000 40</p> <p>6000 40</p> <p>4000 40</p> <p>3000 40</p> <p>2000 100</p> <p>1500 40</p> <p>1000 40</p> <p>500 40</p> <p>1% agarose</p> <p>M 1</p> <p>M: Marker</p> <p>1: BRCA2 p.T3033fs*29 Reference Standard</p>	√

Genotype	Sanger Sequencing		√
%AF	50%	49.83% by DdPCR detection	√

**Caution:**

For research use only.

If you have any questions about the Certificate of Analysis, please contact us.

Certified by:  Date:\*\*\*\*

 Date:\*\*\*\*