

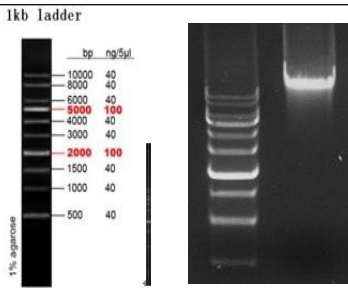
## CERTIFICATE OF ANALYSIS

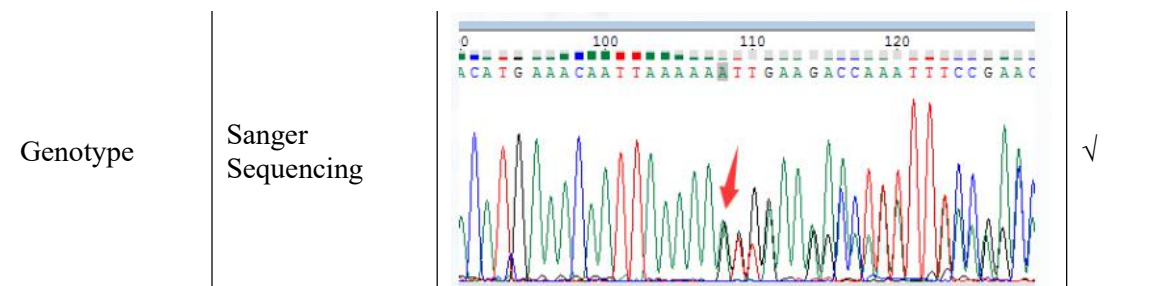
### BRCA2 p.V1862fs\*1 Reference Standard

#### Product information

|                     |  |
|---------------------|--|
| Name                | BRCA2 p.V1862fs*1 Reference Standard   |
| Catalog No.         | CBP10385                               |
| Lot No.             | CGD54529933                            |
| Format              | Genomic DNA                            |
| DNA Change          | c.5578delA                             |
| AA Change           | p.V1862fs*1                            |
| Mutation Type       | Frame Shift Del                        |
| Zygosity            | Heterozygous                           |
| Allelic Frequency   | 50%                                    |
| Transcript          | ENST00000380152                        |
| Copy Number         | 2                                      |
| Ploidy              | 2.95                                   |
| Buffer              | Tris-EDTA                              |
| Storage Conditions  | -20°C                                  |
| Date of Manufacture | Jul.-16-2019                           |
| Expiry              | 36 months from the date of manufacture |

#### Quality Control

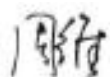
| Test Items                           | Standard       | Results   | Passed |
|--------------------------------------|----------------|---|--------|
| Quantity                             | 1ug/vial*1vial | 1ug/vial*1vial  | √      |
| Concentration                        | Qubit 3.0      | 40 ng/uL±10%  | √      |
| OD <sub>260</sub> /OD <sub>280</sub> | 1.7~2.0        | 1.78  | √      |
| DNA electrophoresis                  | No Degradation |  <p style="text-align: center;">M                      1</p> <p>M: Marker<br/>1: BRCA2 p.V1862fs*1 Reference Standard</p> | √      |



**Caution:**

For research use only.

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

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

 Date:\*\*\*\*