

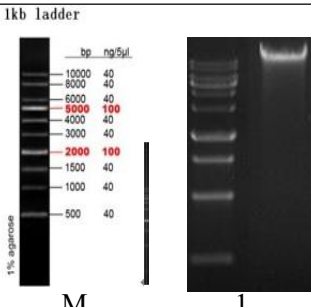
# CERTIFICATE OF ANALYSIS

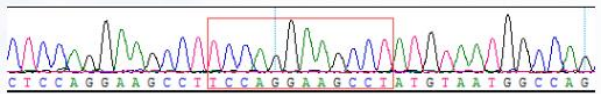
## AI-Edigene® EGFR p.A763\_Y764insFQEA Reference Standard Plus

### Product information

Name	AI-Edigene® EGFR p.A763_Y764insFQEA Reference Standard Plus
Catalog No.	CBP10412
Lot No.	GBD38127398
Format	Genomic DNA
DNA Change	c.2290_2291insTCCAGGAAGCCT
AA Change	p.A763_Y641insFQEA
Mutation Type	Insertion - In frame
Zygoty	Homozygous
Allelic Frequency	100%
Transcript	ENST00000275493
Copy Number	2
Ploidy	2.13
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Sep.-14-2021
Expiry	36 months from the date of manufacture

### Quality Control

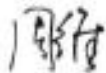
Test Items	Standard	Results	Passed
Quantity	1ug/vial*2vials	1ug/vial*2vials	√
Concentration	Qubit 3.0	40 ng/uL±10%	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.0	1.82	√
DNA electrophoresis	No Degradation	 <p>           1kb ladder            bp ng/5ul            10000 40            8000 40            6000 40            5000 100            4000 40            3000 40            2000 100            1500 40            1000 40            500 40            1% agarose            M 1            M: Marker            1: AI-Edigene® EGFR p.A763_Y764insFQEA Reference Standard Plus         </p>	√

Genotype	Sanger Sequencing		√
%AF	100%	99.99% 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: \*\*\*\*