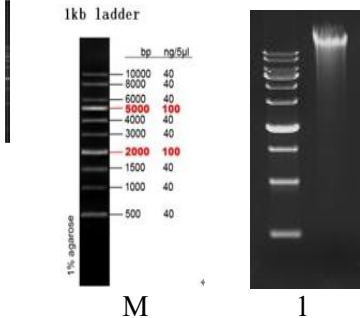
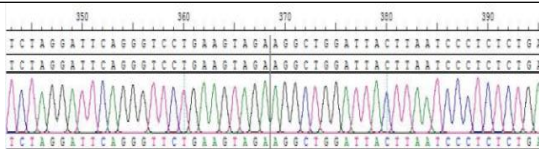


## CERTIFICATE OF ANALYSIS

### Product information

Name	AI-Edigene® CD74(E6)-ROS1(E34) Translocation
Catalog No.	CBP20177D
Lot No.	CBFA23011806
Format	Genomic DNA
Left Gene	CD74(E6)
Left Breakpoint	chr5:149783684:- (hg19)
Left Gene Copy Number	2
Right Gene	ROS1(E34)
Right Breakpoint	chr6:117646732:- (hg19)
Right Gene Copy Number	2
Ploidy	1.99
%AF	50.00%
Buffer	Tris-EDTA
Storage Conditions	4°C
Date of Manufacture	2023/01/18
Expiry	36 months from the date of manufacture

### Quality Control

Test Items	Standard	Results	Passed
Quantity	1.00 µg/vial*3 vials	1.00 µg/vial*3 vials	√
Concentration	40.00 ng/uL±10%	38.40 ng/uL by Qubit 3.0 detection	√
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1	1.85 by Nanodrop detection	√
DNA electrophoresis	No Degradation	 <p>           1kb ladder            bp ng/5µl            10000 40            8000 40            6000 40            4000 100            4000 40            3000 40            2000 100            1500 40            1000 40            500 40            1% agarose            M 1            M: Marker            1: AI-Edigene® CD74(E6)-ROS1(E34) Translocation         </p>	√
Genotype	Positive	 <p>           By sanger sequencing         </p>	√
%AF	50.00%	50.10% 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:\*\*\*\*