

## **CERTIFICATE OF ANALYSIS**

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Name		FGFR3	(E17)-TACC3(E11) Translocation	
Catalog No.		CBP20166D		
Lot No.		CBFA23020803		
Format		Genomic DNA		
Left Gene		FGFR3(E17)		
Left Breakpoint		chr4:1808688:+		
Left Gene Copy Number		3		
Right Gene		TACC3(E11)		
Right Breakpoint		chr4:1739920:+		
Right Gene Copy Number		3		
Ploidy		2.02		
%AF		50.00%		
Buffer		Tris-EDTA		
Storage Conditions		4°C		
Date of Manufacture		2023/02/08		
Expiry		36months from the date of manufacture		
Quality Co	ontrol			
Test Items	Standard		Results	Passed
Quantity	1.00 μg/vial*1 vial		1.00 μg/vial*1 vial	$\checkmark$
Concentration	40.00 ng/uL±10%		40.00 ng/uL by Qubit 3.0 detection	$\checkmark$
OD <sub>260</sub> /OD <sub>280</sub>	1.7~2.1		1.78 by Nanodrop detection	
DNA electrophoresis	No Degradation		Ikb ladder $1 \frac{1}{1000} \frac{1}{40}$ $1 \frac{1}{1000} \frac{1}{40}$ $1 \frac{1}{1000} \frac{1}{40}$ $1 \frac{1}{1000} \frac{1}{40}$ $M \frac{1}{1}$ M: Marker 1: FGFR3(E17)-TACC3(E11) Translocation	$\checkmark$
Genotype	Positive		140 150 160 170   6 T 6 C T 6 6 C T C T 6 6 C C T 6 6 T 6 C C A 6 A 6 C T 6 T A 6 6 C A C A C A A A 6 6 6 6 6 T 6 C T 6 6 C T C T 6 6 C C T 6 6 T 6 C C A 6 A 6 6 C T 6 T A 6 6 C A C A C A A A 6 6 6 6 6   6 T 6 C T 6 6 C T C T 6 6 C C T 6 6 T 6 C C A 6 A 6 6 C T 6 T A 6 6 C A C A C A A A 6 6 6 6 6   6 T 6 C T 6 6 C T C T 6 6 C C T 6 6 T 6 C C A 6 A 6 C T 6 T A 6 6 C A C A C A A A 6 6 6 6 6   6 T 6 C T 6 6 C T C T 6 6 C C T 6 6 T 6 C C A 6 A 6 C T 6 T A 6 6 C A C A C A A A 6 6 6 6 6   6 T 6 C T 6 6 C T C T 6 6 C C T 6 6 T 6 C C A 6 A 6 6 C T 6 T A 6 6 C A C A C A A A 6 6 6 6 6   6 T 6 C T 6 6 C T C T 6 6 C C T 6 6 T 6 C C A 6 A 6 6 C T 6 T A 6 6 C A C A C A A A 6 6 6 6 6   6 T 6 C T 6 6 C T C T 6 6 C C T 6 6 T 6 C C A 6 A 6 6 C T 6 T A 6 6 C A C A C A A A 6 6 6 6 6   By sanger sequencing	V
%AF	50.00%		49.12 % by DdPCR detection	

## **Product information**

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## **Caution:**

For research use only. If you have any questions about the Certificate of Analysis, please contact us.

Certified by: Date: \*\*\*\* 1919 Date: \*\*\*\*

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