



Certificate of Analysis

Material Name:	Multiplexed POLE-POLD1 Mutation FFPE Control
Part Number:	D181-006
Vial Content:	1 x 10um FFPE curl
Lot Number:	260417
Composition:	The products contain FFPE slices with embedded cellular DNA carrying POLE p.P286R, p.F367S, p.V411L, p.S459F, and POLD1 p.S478N mutations, at ~5% allele frequency.
Storage:	Store at 2-8 °C.
Date of Manufacturing:	4/17/2026
Expiration Date:	4/30/2029

Test Result:

Part Number	Lot Number	Variant Name	Average VAF (%)	Passing Criteria	Average gDNA copy/curl	DNA Mass (ng/curl)	Pass/Fail
D181-006	260417	POLE p.P286R	6.1	5% +/- 2.5%	277350	326	Pass
		POLE p.F367S	2.6	5% +/- 2.5%			
		POLE p.V411L	2.9	5% +/- 2.5%			
		POLE p.S459F	4.8	5% +/- 2.5%			
		POLD1 p.S478N	6.2	5% +/- 2.5%			

DNA was extracted with FormaPure XL Total kit.

Test method for wildtype and mutant DNA copies and allele frequency: ddPCR.

Test method for DNA mass: DeNovix High Sensitive dsDNA Assay.

Approval

Name: Yabin Lu

Signature:

DocuSigned by:

A68122C2A4CC4F1...

Date: 4/29/2026

The material is for research use only.