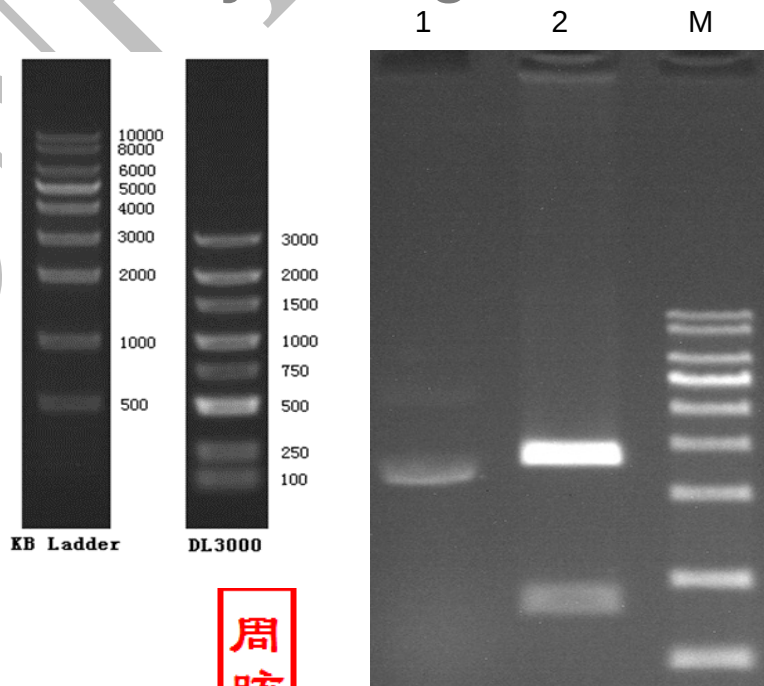


CERTIFICATE OF ANALYSIS			
Gene Name	pK19mobsacB	Catalog No.	V005261
Lot No.	V82122	Vector Size	5,719 bp
Type	Function E.coli Editing plasmids	Vector Resistance	Kanamycin
Screening Marker	Suicide Gene SacB	Culture conditions	LB medium, 37°C, aerobic
QC Results			
Test Items	Specifications	Results	
Insert Sequence	Insert sequence results consistent with target	Pass	
Vector Sequence	Flanking sequence consistent with expected	Pass	
ORF Across Junction	Correct and consistent with target	N/A	
Restriction Digest	Expected fragment sizes observed	Pass	
PCR Amplification	Correct without non - specific bands	Pass	
DNA Quantity/Quality	Actual yield (by A 260)	5µg/5µg	
	Concentration (n/a if lyophilized)	N/A	
	Purity (A 260/A280 = 1.8 - 2.0)	Pass	
	# of Tubes	2	
	Matrix	TE (lyophilized)	
Endotoxin Test	Verified, <0.1 EU/µg (Endo-Free Preps Only)	N/A	
Appearance	Clear, no visible particles	Pass	
Label	Correct and white	Pass	
Comments	-	-	

Enzyme Digestion



Certified by: Chou Fang

Date: Apr/27/2023

Valid until: Apr/26/2025

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Lane M: KB Ladder

Lane 1: pK19mobsacB plasmid

Lane 2: pK19mobsacB plasmid digested
by NotI and BamHI

Vector Map

