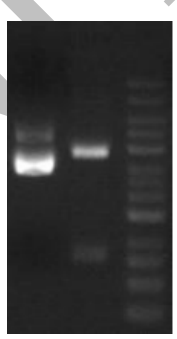
CERTIFICATE OF ANALYSIS

Vector Name	pFA6a-VN-kanMX6	**Catalog No.**	V006307
Project/Lot No.	G0264774-1/V44171	**Size**	4,705 bp
Quantity	100ug	**Resistance**	Ampicillin

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	-	-

Restriction Digestion Map

	1	2	M	
				**Lane 1：** Plasmid **Lane 2**: Plasmid Digested with PacI-BglII **Lane M**: DNA Marker

Certified by: Chou Fang

Date: Mar/14/2023

Valid until: Mar/13/2026

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