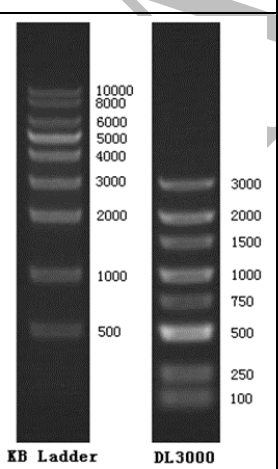
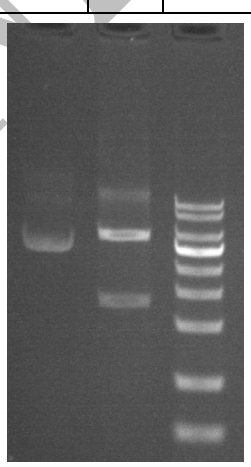
Certificate of Analysis

Vector Name	pTRKH3-ldhGFP	**Catalog No.**	V000751
Project/Lot No.	C892UCAZG0-1/PD98403	**Strain**	Top10
Quantity	100ug	**Resistance**	Erythromycin

QC Results

Test Items	Specifications	Results
Appearance	Colorless, clear, free of precipitate or foreign particles	Pass
Sequence Accuracy	Sequencing verification match the order requirements	Pass
Restriction Analysis	DNA bands with expected sizes detected by agarose gel electrophoresis	Pass
A260/280	1.8-2.0	Pass
Residual RNA	Not visible on agarose gel	Pass
***E.coli* Genomic DNA**	The intensity of genomic DNA <15% of that of all bands	Pass
Homogeneity	Predominantly supercoiled	Pass
Endotoxin	No QC testing requested	N/A
Bio-Burden Test	No QC testing requested	N/A
Additional Tests	-	-

Restriction Digestion Map

Marker	1	2	M	Description of Map
				**Lane 1**： Plasmid **Lane 2**: Plasmid Digested with EcoRI (5917 bp + 2592 bp in theory) **Lane M**: DNA Marker

Certified by: Chou Fang

Date: Dec/09/2024

Valid until: Dec/09/2026

CONFIDENTIAL