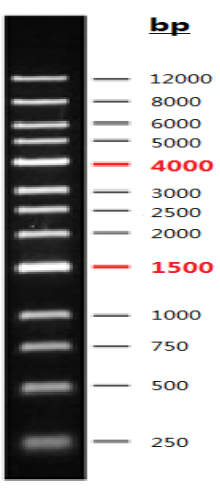
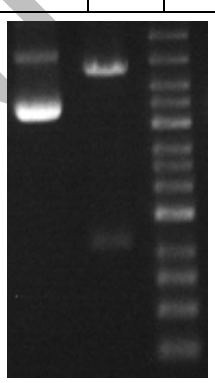
Certificate of Analysis

Vector Name	Tet-pLKO-puro-Scrambled	**Catalog No.**	V000016
Project/Lot No.	G0319832-5/D81613	**Strain**	Stbl3
Quantity	100ug	**Resistance**	Ampicillin

QC Results

Test Items	Specifications	Results
Appearance	Clear, no visible particles	Pass
Concentration	The error range is within 5%	Pass
A260/280	1.8 - 2.0	Pass
A260/230	>2.0	Pass
Supercoiled content	Predominantly supercoiled	Pass
Residual RNA	Not visible upon electrophoresis	Pass
Genomic DNA	Not visible upon electrophoresis	Pass
Restriction Analysis	Conforms to reference	Pass
Bioburden assay	No growth on agar plate after 24 hours	Pass
Endotoxin Test	Verified, <100EU/mg (Endo-Free Preps Only)	Pass
Label	Correct and white	Pass
Sequencing	Correct	Pass
Comments	-	-

Restriction Digestion Map

Marker	1	2	M	Description of Map
				**Lane 1**: Plasmid DNA **Lane 2**: Plasmid digested by XbaI-BamHI (7589 bp + 1226 bp in theory) **Lane M**: DNA Marker

Certified by: Chou Fang

Date: May/20/2024

Valid until: May/20/2027

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