

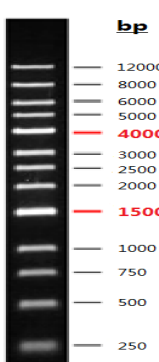

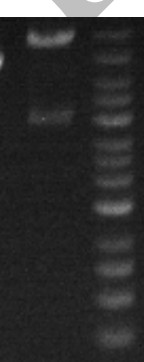
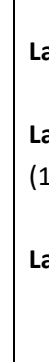
### Certificate of Analysis

<b>Vector Name</b>	lenti_dCas9-KRAB-MeCP2	<b>Catalog No.</b>	V005494
<b>Project/Lot No.</b>	G0335749-1/D90468	<b>Strain</b>	DH10B
<b>Quantity</b>	100ug	<b>Resistance</b>	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	No request	N/A
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	N/A
Endotoxin Test	Verified, (Endo-Free Preps Only)	N/A
Label	Correct and white	Pass
Sequencing	Correct	Pass
Comments	-	-

### Restriction Digestion Map

Marker	1	2	M	Description of Map
				<p><b>Lane1:</b> Plasmid DNA</p> <p><b>Lane2:</b> Plasmid digested by MluI-BamHI (11,118 bp + 4,280 bp in theory)</p> <p><b>Lane M:</b> DNA Marker</p>

Certified by: Chou Fang



Date: Sep/26/2024

Valid until: Sep/26/2026