

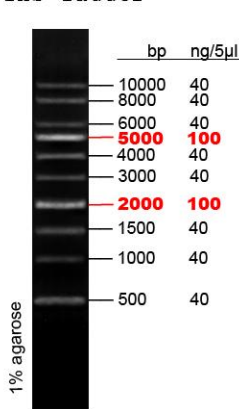
## CERTIFICATE OF ANALYSIS

<b>Gene Name</b>	pKEW303-AcrVA5 vector	<b>Catalog No.</b>	V012806
<b>Lot No.</b>	U680665	<b>Strain</b>	JM108
<b>Quantity</b>	10ug	<b>Quality grade</b>	Research Grade

### QC Results

Test Items	Specifications	Results
<b>Appearance</b>	Clear, no visible particles	Pass
<b>Concentration</b>	On request, default 1ug/uL	Pass
<b>A260/280</b>	1.8 - 2.0	Pass
<b>A260/230</b>	>2.0	Pass
<b>Supercoiled content</b>	No request	N/A
<b>Residual RNA</b>	Not visible upon electrophoresis	Pass
<b>Genomic DNA</b>	Not visible upon electrophoresis	Pass
<b>Restriction Analysis</b>	Conforms to reference	Pass
<b>Bioburden assay</b>	No growth on agar plate after 24 hours	N/A
<b>Endotoxin Test</b>	Verified, (Endo-Free Preps Only)	N/A
<b>Label</b>	Correct and white	Pass
<b>Sequencing</b>	Correct	Pass
<b>Comments</b>	-	-

### Restriction Digestion Map

	1	2	M
<p><b>1kb ladder</b></p> 			
	<p><b>Lane1:</b> Plasmid DNA</p> <p><b>Lane2:</b> Plasmid digested by PvuI and XbaI</p> <p><b>Lane M:</b> DNA Marker</p>		

**Certified by: Tianxing Ye**

**Date: 8/31/2022**