

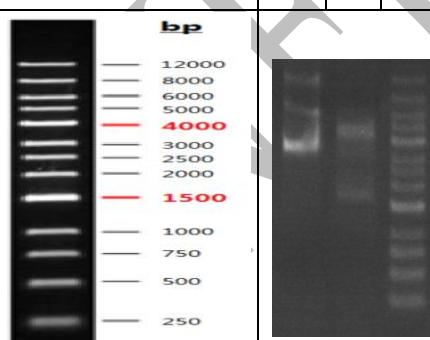
## CERTIFICATE OF ANALYSIS

<b>Gene Name</b>	pKEW212-MBP-TEV-AcrVA5	<b>Vector No.</b>	V012821
<b>Lot No.</b>	G0291499-1/V32965	<b>Vector Resistance</b>	Amp

### QC Results

Test Items	Specifications	Results
<b>Insert Sequence</b>	Insert sequence results consistent with target	Pass
<b>Vector Sequence</b>	Flanking sequence consistent with expected	Pass
<b>ORF Across Junction</b>	Correct and consistent with target	N/A
<b>Restriction Digest</b>	Expected fragment sizes observed	Pass
<b>PCR Amplification</b>	Correct without non - specific bands	Pass
<b>DNA Quantity/Quality</b>	Actual yield (by A 260 )	5ug/5ug
	Concentration (n/a if lyophilized)	N/A
	Purity (A 260/A280 = 1.8 - 2.0)	Pass
	# of Tubes	2
	Matrix	TE (lyophilized)
<b>Endotoxin Test</b>	Verified, <0.1 EU/μg (Endo-Free Preps Only)	N/A
<b>Appearance</b>	Clear, no visible particles	Pass
<b>Label</b>	Correct and white	Pass
<b>Comments</b>	-	-

### Restriction Digestion Map

	1	2	M
 <p>bp</p> <p>12000 8000 6000 5000 4000 3000 2500 2000 1500 1000 750 500 250</p> <p>1Kb DNA Marker</p>			
	<p><b>Lane 1:</b> Plasmid</p> <p><b>Lane 2:</b> Plasmid Digested with XhoI-BamHI</p> <p><b>Lane M:</b> DNA Marker</p>		

Certified by:ljf  
 Date:10/11/2023