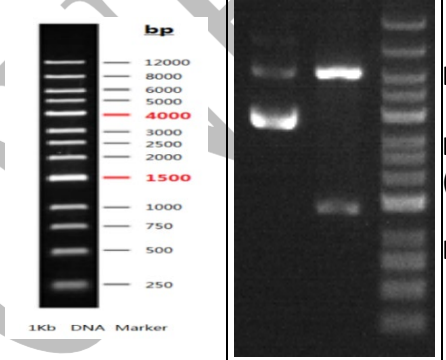
CERTIFICATE OF ANALYSIS

Vector Name	pBE2R-EGFP	**Catalog No.**	V013147
Project/Lot No.	G0382103-1/ XLE95172	**Strain**	EPI400
Quantity	100ug	**Resistance**	Ampicillin

QC Results

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

Restriction Digestion Map



Lane 1： Plasmid

Lane 2: Plasmid Digested with HindIII-EcoRI (1423/6286 bp in theory)

Lane M: DNA Marker

Certified by: Chou Fang
Date: Nov/06/2025
Valid until: Nov/06/2028

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