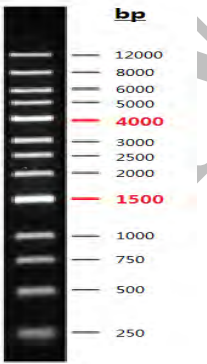
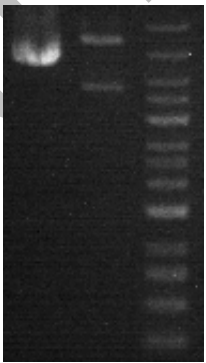


Certificate of Analysis				
Vector Name	UBQ-RUBY	Catalog No.	V000621	
Project/Lot No.	G0327444-5/D86065	Strain	DH10B	
Quantity	100ug	Resistance	Spectinomycin, 50 µg/mL	
QC Results				
Test Items	Specifications	Results		
Appearance	Clear, no visible particles	Pass		
Concentration	The error range is within 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>Lane 1: Plasmid DNA</p> <p>Lane 2: Plasmid digested by XhoI-HindIII (9807 bp + 5817 bp in theory)</p> <p>Lane M: DNA Marker</p>	

Certified by: Chou Fang



Date: Jul-25-2024

Valid until: Jul-24-2026