

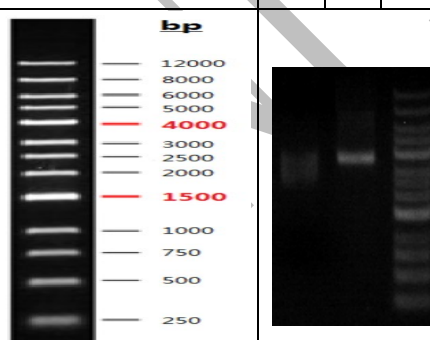
CERTIFICATE OF ANALYSIS

Vector Name	pComb3X	Catalog No.	V008299
Project/Lot No.	G0279481-1/C63911	Strain	TOP10
Quantity	10 ug	Resistance	Amp

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	Actual yield (by A 260)	5µg/5µg
	Concentration (n/a if lyophilized)	N/A
	Purity (A 260/A280 = 1.8 - 2.0)	Pass
	# of Tubes	2
	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

	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>Lane 1: Plasmid</p> <p>Lane 2: Plasmid Digested with BamHI</p> <p>Lane M: DNA Marker</p>		

Certified by: Chou Fang

Date: Jul/10/2023
Valid until: Jul/09/2025