



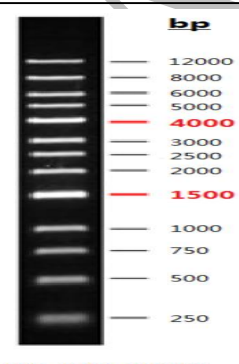
CERTIFICATE OF ANALYSIS

Gene Name	rosA_Sd_adapt_for_Pp	Order No.	708638-1
Lot No.	K34384	Cloning Vector	pPICZA
Cloning Sites	XhoI(CTCGAG)-SacII (CCGCGG)	Insert Size	1056bp
Competence	TOP10	Vector Resistance	Zeocin

QC Results

Test Items	Specifications	Results
Insert Sequence	Insert sequence results consistent with target	Pass
Vector Sequence	Flanking sequence consistent with expected	N/A
ORF Across Junction	Correct and consistent with target	N/A
Restriction Digest	Expected fragment sizes observed	N/A
PCR Amplification	Correct without non - specific bands	Pass
DNA Quantity/Quality	Actual yield (by A 260)	5µg
	Concentration (n/a if lyophilized)	N/A
	Purity (A 260/A280 = 1.8 - 2.0)	Pass
	# of Tubes	1
	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>1Kb DNA Marker</p>				<p>Lane 1: Plasmid</p> <p>Lane 2: Plasmid Digested with XhoI-BamHI</p> <p>Lane M: DNA Marker</p>

Certified by: yxx

Date: 11/30/2018