



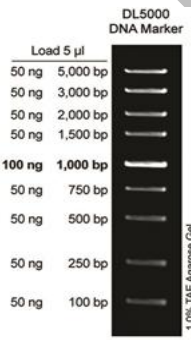
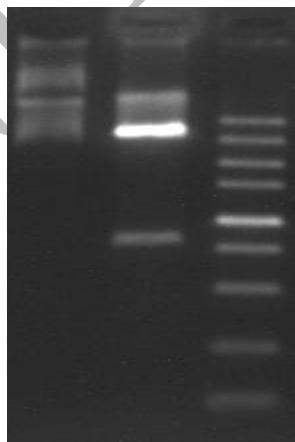
CERTIFICATE OF ANALYSIS

Gene Name	Sibirny_rosB_Pp	Order No.	700677-1
Lot No.	GB160705-K87027	Cloning Vector	pPICZA
Cloning Sites	EcoRI/KpnI	Insert Size	786bp

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)	5ug
	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	3
			
	<p>Lane 1: Sibirny_rosB_Pp</p> <p>Lane 2: Sibirny_rosB_Pp Digested with EcoRI/KpnI</p> <p>Lane M: DNA Marker</p>		

Certified by: **Kael Du**

Date: **07/05/2016**