

GWCN-III-03-DR01-R2

Certificate of Analysis

Project Tracking #
 40-525651339

Quote #
 40-525651339_R2

GENEWIZ Clone ID #
 HB9619-1/Q512675

Sequence Name
 Tb927.2.4020-BoTat in pUC-GW-Kan

Cloning Vector
 pUC-GW-Kan

Cloning Sites
 NA

Insert Length
 1824

QC Item	Specification	Results
Insert Sequence	Insert sequence results consistent with target	√ Pass
Vector Sequence	Flanking sequence consistent with expected	√ Pass
Open Reading Frame across junction	Correct and consistent with target	n/a
Restriction Digest	Expected fragment sizes observed	√ Pass
PCR amplification	Correct without non-specific bands	n/a
DNA Quantity and Quality	Actual yield (by A ₂₆₀)	2 ug
	Concentration (n/a if lyophilized)	n/a
	Purity (A ₂₆₀ /A ₂₈₀ = 1.8 - 2.0)	√ Pass
	# of tubes	1
	Matrix	TE (lyophilized)
Endotoxin Test	Verified, <0.1 EU/ug(endo-free preps only)	n/a
Appearance	Clear, no visible particles	√ Pass
Label	Correct and clear	√ Pass
Comments		

Restriction Digest Test Results

Restriction Digest Test Results

Lane Description

Lane 1: undigested

Lane 2: digested with AflIII and NotI

Lane 3: ladder

1kb ladder

bp	ng/5µl
10000	40
8000	40
6000	40
5000	100
4000	40
3000	40
2000	100
1500	40
1000	40
500	40

1% agarose

Certified By

Yanlin Zhu

Date

06/22/2021