

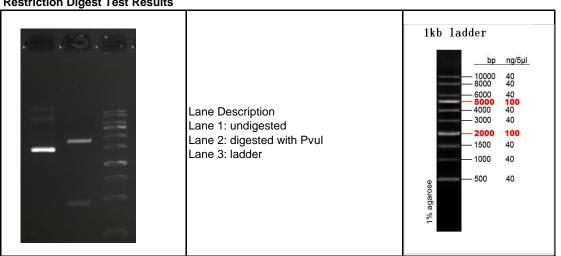
Certificate of Analysis

Project Tracking # **GENEWIZ Clone ID #** Quote # 40-660778309 40-660778309_R1 FB4920-1/V1199203 **Sequence Name Cloning Vector** WT-IVMT1-Mut in pUC-GW-Kan pUC-GW-Kan

Cloning Sites Insert Length NA 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 $(A_{260/A280} = 1.8 - 2.0)$	√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

Restriction Digest Test Results



Certified By Tianxin Ye

Date 02/28/2022