





**B**

QC Items			
QC Items	Method	Specifications	Results
Target Sequence	Sequence alignment	Sequencing results are consistent to the confirmed sequence.	Pass
Vector Sequence	Sequence alignment	20bp flanking sequences of the vector are correct.	NA
Reading Frame	Sequence alignment	Frame is correct and consistent to the client's requirement.	Pass
Fragment Size	Restriction Digests	The size of inserted fragment is right and free of any contaminated bands.	Pass
Quality/Quantity	UV spectrophotometry	Miniprep: OD260/280=1.7~2.0 4µg/tube, 1 tube, Lyophilized	Pass
Appearance	Visual inspection	Clear and free of foreign particles.	Pass
Customized Test	NA	NA	NA

  

Restriction Digestion Map			
	M	1	2
<p>1% agarose</p> <p>bp ng/5µl</p> <p>5000 75</p> <p>3000 75</p> <p>2000 75</p> <p>1500 75</p> <p>1000 150</p> <p>750 75</p> <p>500 100</p> <p>250 100</p> <p>100 100</p>	Lane M: DNA Marker	Lane 1: Plasmid digested by KpnI HindIII	Lane 2: Plasmid DNA
Date: 2021/7/25			

**Description:**