pCB578

Vector ID	V017331
Antibiotic Resistance	Erythromycin
Length	11446 bp
Vector Type	Genome editing
Host	Lactobacillus

Product Information

Replication Origin	ori
Copy Number	Low
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	E. coli-Lactobacilli shuttle vector featuring SpCas9, tracrRNA, and a repeat-spacer-repeat array, with erythromycin resistance at 200 μg/mL.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.