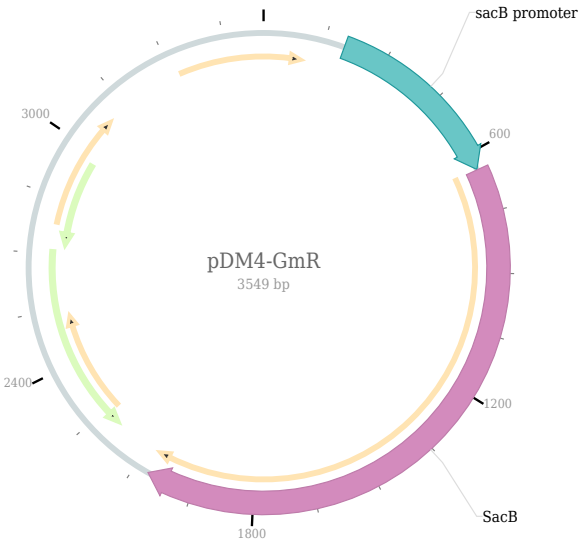
pDM4-GmR

Vector ID	V044968
Antibiotic Resistance	Gentamicin
Length	3549 bp
Vector Type	Gene-editing
Host	E. coli

Product Information

Replication Origin	R6K γ
Selection Marker	SacB
Copy Number	Low
5' Primer	R6K-F1
Growth Strain(s)	S17-1λpir
Growth Temperature	30℃
Expression Method	Transient
Comment	Throughout the plasmid cultivation process, use only sucrose-free culture medium (animal-derived medium is preferred).The SacB gene, from Bacillus subtilis and related to sugar metabolism, converts sucrose to levan.

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 ℃.