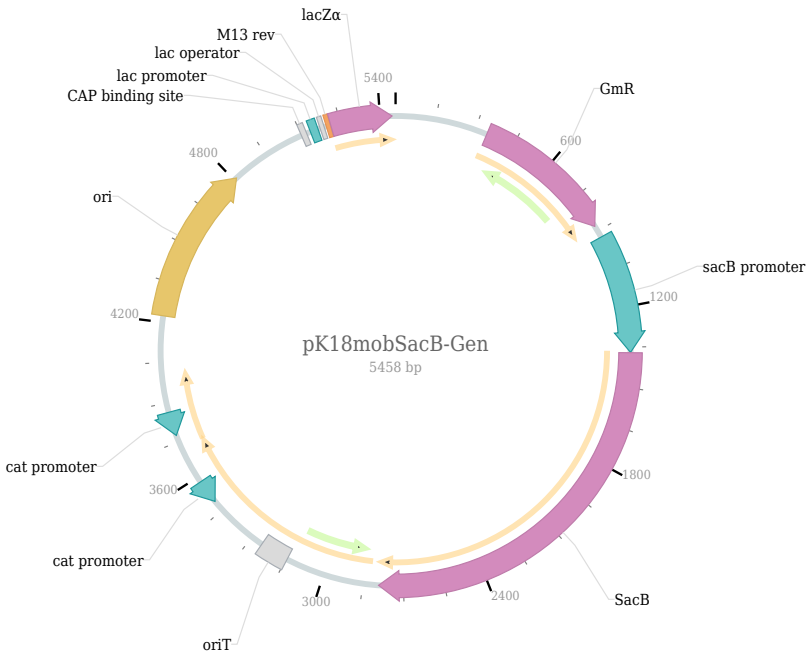
pK18mobSacB-Gen

Vector ID	V042564
Antibiotic Resistance	Gentamicin
Length	5458 bp
Vector Type	Gene-editing
Host	E. coli

Product Information

Replication Origin	ori
Selection Marker	SacB
Copy Number	High
5' Primer	pK18mobSacB-Gen-F□gggaagccctgcaaagtaaac
Growth Strain(s)	DH5a
Growth Temperature	37℃
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 ℃.