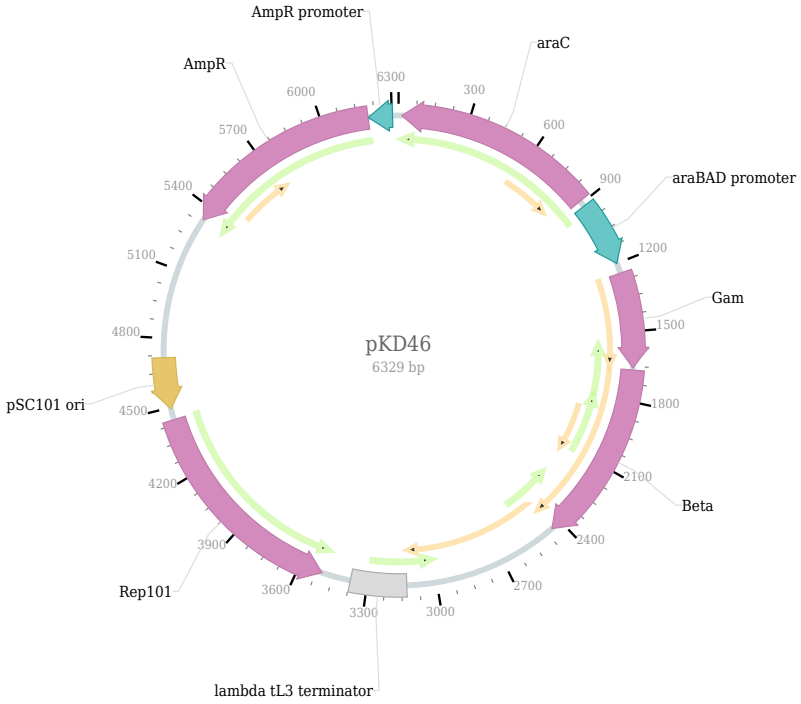
pKD46

Vector ID	V007013
Antibiotic Resistance	Ampicillin
Length	6329 bp
Vector Type	Knockout Vectors

Product Information

Replication Origin	pSC101 ori
Copy Number	Low copy number
Promoter	araBAD
Cloning Method	Enzyme digestion and ligation
Growth Strain(s)	DH10B
Growth Temperature	30℃
Comment	pKD46 is a vector for recombineering in E. coli and other bacteria, which make chromosomal deletions of genes with FRT sites. pKD46 carries the λ red genes behind the araBAD promoter & is temperature sensitive (grow at

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 ℃.