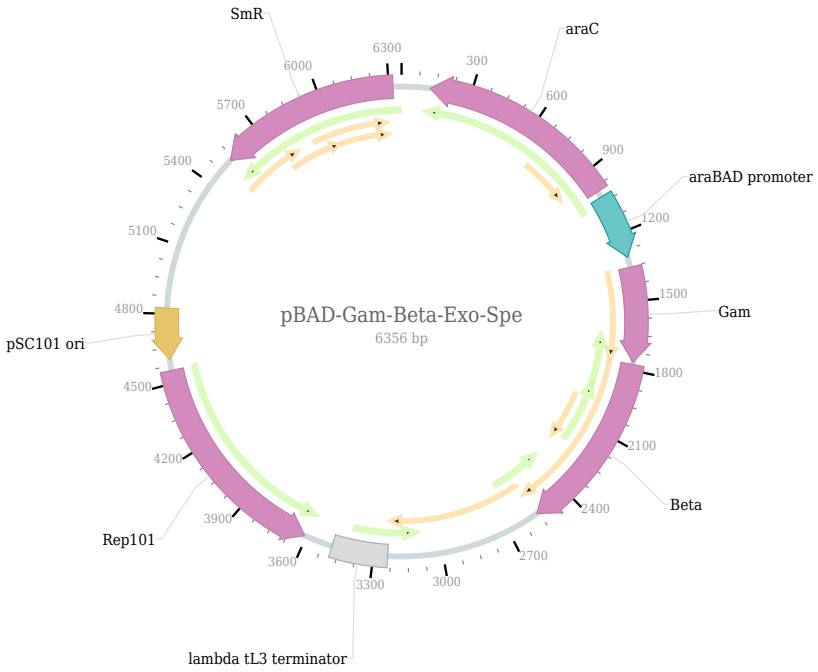
pBAD-Gam-Beta-Exo-Spe

Vector ID	V014189
Accession ID	pKD46-Spe
Antibiotic Resistance	Streptomycin
Length	6356 bp
Vector Type	Gene knockout
Host	E. coli

Product Information

Replication Origin	pSC101 ori
Promoter	araBAD
Growth Strain(s)	DH5a
Growth Temperature	30℃
Comment	pBAD-Gam-Beta-Exo-Spe (pKD46-Spe) is a ~6.4 kb E. coli gene-knockout plasmid using a pSC101 origin and streptomycin/spectinomycin resistance. The araBAD promoter drives arabinose-inducible expression of λ-phage Gam-Beta-Exo Red recombinases for chromosome editing.

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 ℃.