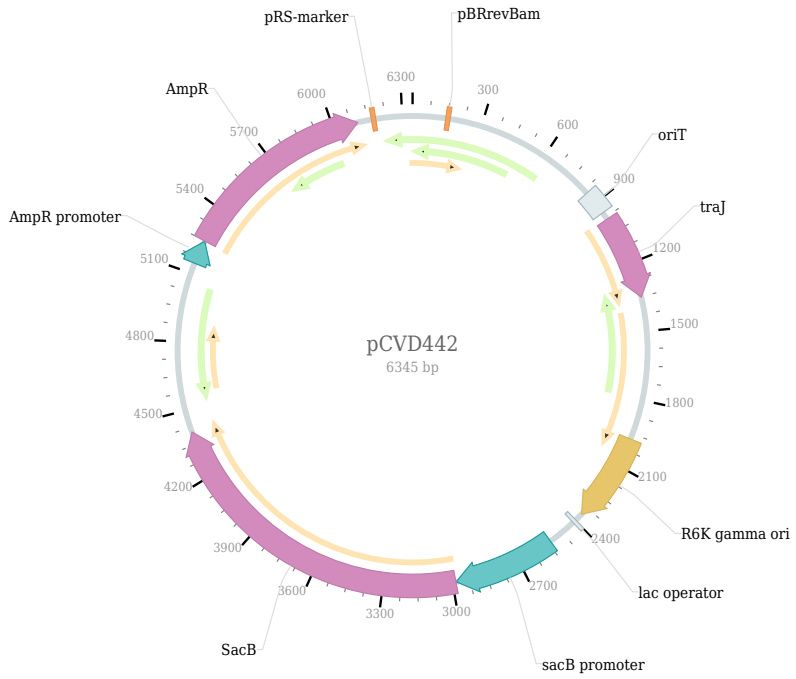
pCVD442

Vector ID	V005971
Antibiotic Resistance	Ampicillin
Length	6345 bp
Vector Type	Bacterial Expression

Product Information

Replication Origin	R6K γ ori
Source/Author	M S Donnenberg, J B Kaper
Selection Marker	SacB
Copy Number	High Copy
Promoter	sacB
Cloning Method	Restriction Enzyme
Growth Strain(s)	S17-1λpir
Growth Temperature	37℃
Comment	pCVD442 is a suicide vector used for negative selection. Sucrose-resistant colonies indicate the loss of suicide vector sequences. Throughout the plasmid cultivation process, use only sucrose-free culture medium (animal-derived medium is preferred).

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 ℃.