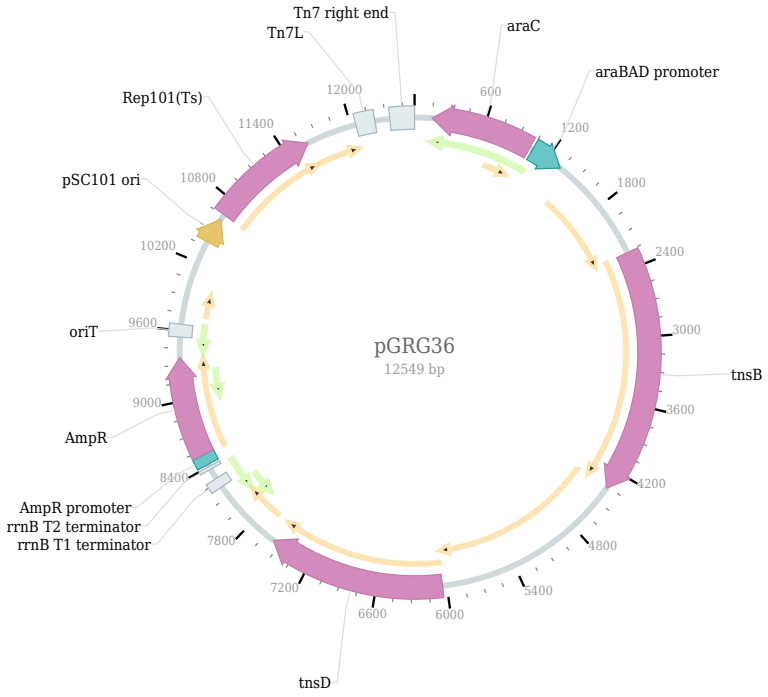
pGRG36

Vector ID	V005884
Antibiotic Resistance	Ampicillin
Length	12549 bp
Vector Type	Tn7 delivery vector, Bacterial Expression

Product Information

Replication Origin	pSC101 ori
Source/Author	McKenzie GJ, Craig NL.
Copy Number	Low Copy
Promoter	araBAD
Growth Strain(s)	DH10B
Growth Temperature	30℃
Comment	pGRG36 is identical to pGRG25, except that it contains a Sma I site in the multiple cloning site. Cells with those thermosensitive plasmids (pSIM6, pE-FLP, pGRG36, pFG036) should grown at 30 °C. Bacterial cultures were grown for no more than 18 h.

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 ℃.