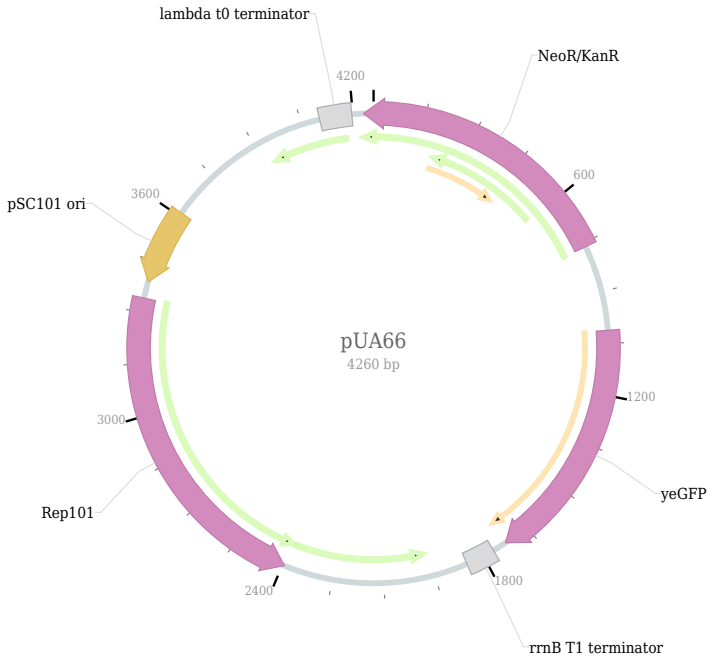
pUA66

Vector ID	V014166
Antibiotic Resistance	Kanamycin
Length	4260 bp
Host	E. coli

Product Information

Replication Origin	pSC101 ori
Copy Number	Low Copy
Growth Strain(s)	DH10B
Growth Temperature	30℃
Comment	pUA66 is a plasmid commonly used in bacterial expression and synthetic biology. It can introduce target genes into host cells. By combining with regulatory elements like promoters and enhancers, it explores gene expression regulation mechanisms and analyzes gene expression levels and changes under various conditions.

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 ℃.