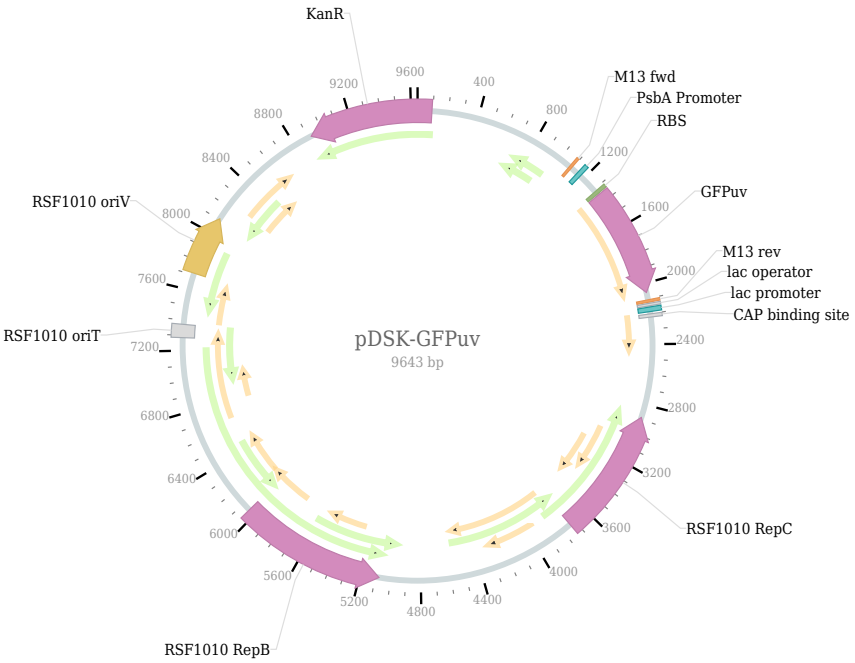
pDSK-GFPuv

Vector ID	V014164
Antibiotic Resistance	Kanamycin
Length	9643 bp
Vector Type	Protein expression
Host	Broad host

Product Information

Replication Origin	RSF1010 oriV
Copy Number	Low copy number
Promoter	psbA
Fusion Tag	GFPuv (Green), GFP variant optimized for excitation by UV light.
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	The plasmid could be transferred into various bacteria by electroporation using standard protocols or triparental mating using pRK2013 as a helper plasmid. GFPuv expression is driven by a constitutive chloroplast promoter psbA at high levels.

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 ℃.