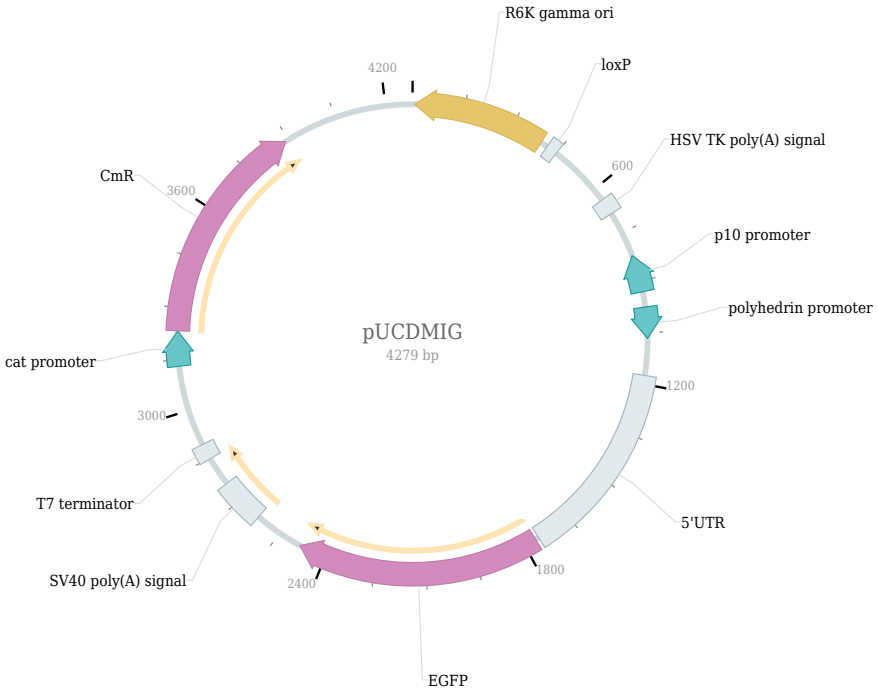
pUCDMIG

Vector ID	V002382
Antibiotic Resistance	Chloramphenicol
Length	4279 bp
Vector Type	Baculovirus expression vector

Product Information

Replication Origin	R6K γ ori
Source/Author	Yao L, Sun J.
Promoter	p10
Growth Strain(s)	GT115
Growth Temperature	37℃
Comment	pUCDMIG is a donor plasmid for the BmNPV-silkworm multigene expression system. It facilitates gene transfer via cre-loxP recombination and contains an IRES-EGFP marker for visualization. It also carries a chloramphenicol resistance gene (CmR) and an R6ky origin for conditional replication.

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 ℃.