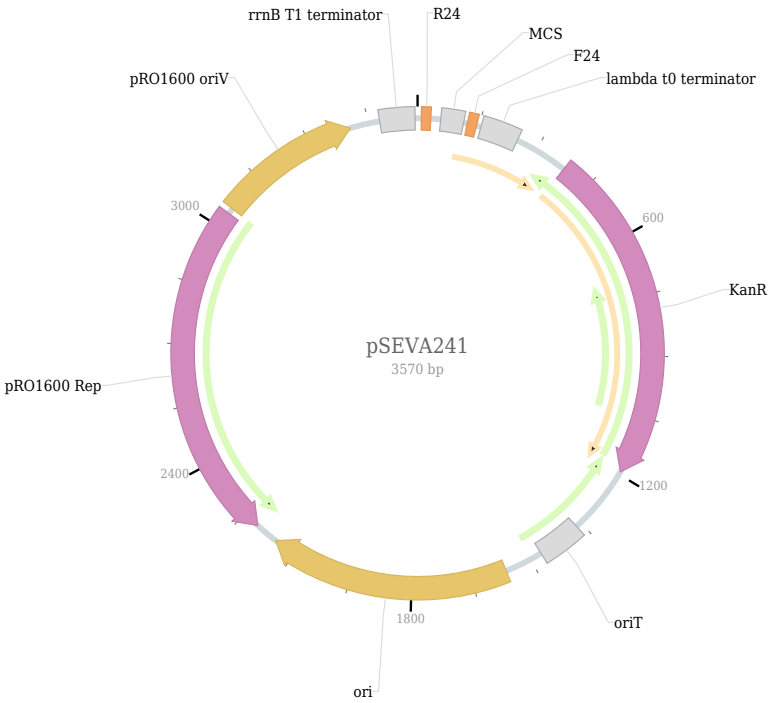
pSEVA241

Vector ID	V003343
Antibiotic Resistance	Kanamycin
Length	3570 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori
Source/Author	Silva-Rocha R, Martinez-Garcia E, Chavarria M, Calles B, Arce-Rodriguez A, de las Heras A, Paez-Espino D, Durante-Rodriguez G, Kim J, Nikel PI, Platero R, de Lorenzo V.
Growth Strain(s)	DH10B
Comment	pSEVA241 is a broad-host-range cloning vector from the Standard European Vector Architecture (SEVA) platform. It combines an RK2-derived oriV for replication in diverse Gram-negative bacteria, a kanamycin-resistance marker, and a modular multiple cloning site flanked by T0/T1 terminators and oriT, enabling cross-species genetic deployment.

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 ℃.