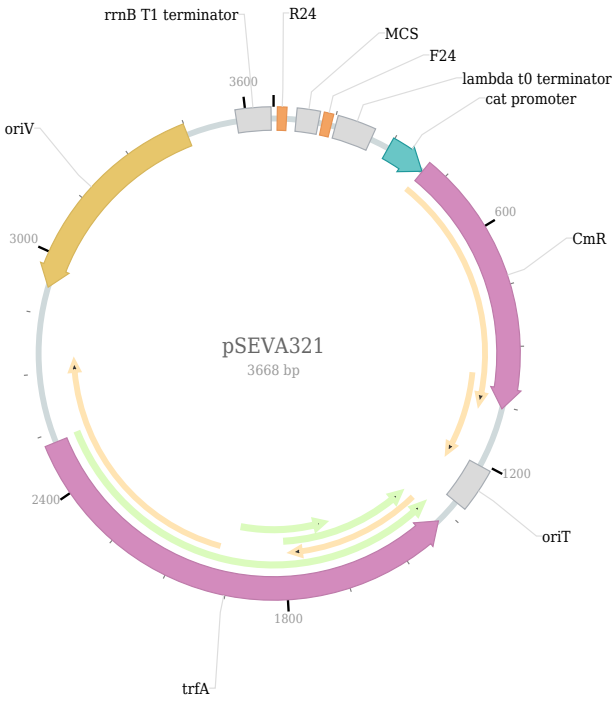
pSEVA321

Vector ID	V003329
Antibiotic Resistance	Chloramphenicol
Length	3668 bp
Vector Type	Cloning vector

Product Information

Replication Origin	oriV
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
Growth Temperature	37℃
Comment	pSEVA321 is a broad-host-range cloning/expression vector from the SEVA (Standard European Vector Architecture) suite. It carries an RK2-derived oriV(plus trfA) for stable maintenance across diverse Gram-negative bacteria, a chloramphenicol resistance marker (cat), an oriT (incP) for conjugation, and a pUC18/19-based MCS flanked by transcription terminators (~3.7 kb total).

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 ℃.