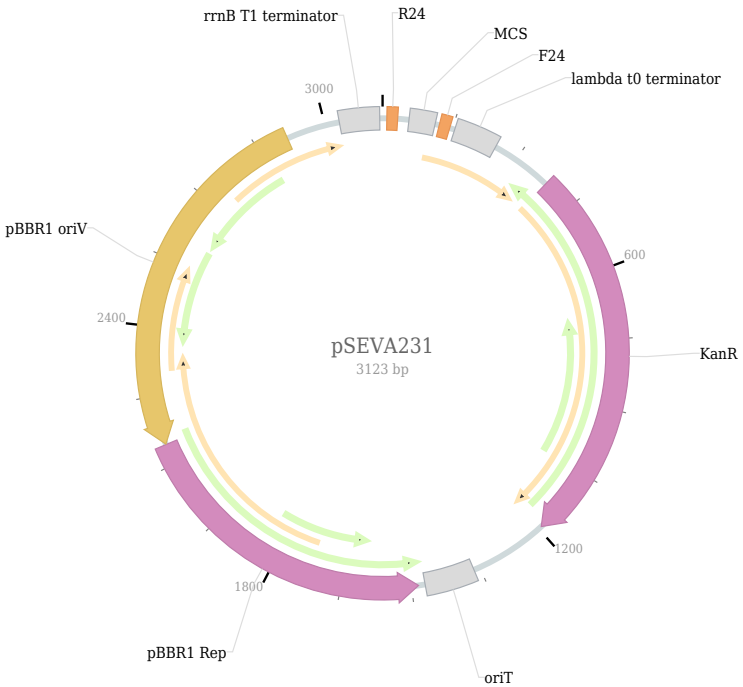
pSEVA231

Vector ID	V003354
Antibiotic Resistance	Kanamycin
Length	3123 bp
Vector Type	Cloning vector

Product Information

Replication Origin	pBBR1 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)	TOP10
Comment	pSEVA231 is the archetypal SEVA standard backbone: a kanamycin-resistance module, a broad-host-range pBBR1 replicon, and a default pUC18-type multiple cloning site cargo, separated by three permanent insulators (T0, oriT, T1). Carrying no promoter or reporter, it serves as a modular chassis freely re-engineered for bacterial expression or genome-editing applications.

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 ℃.