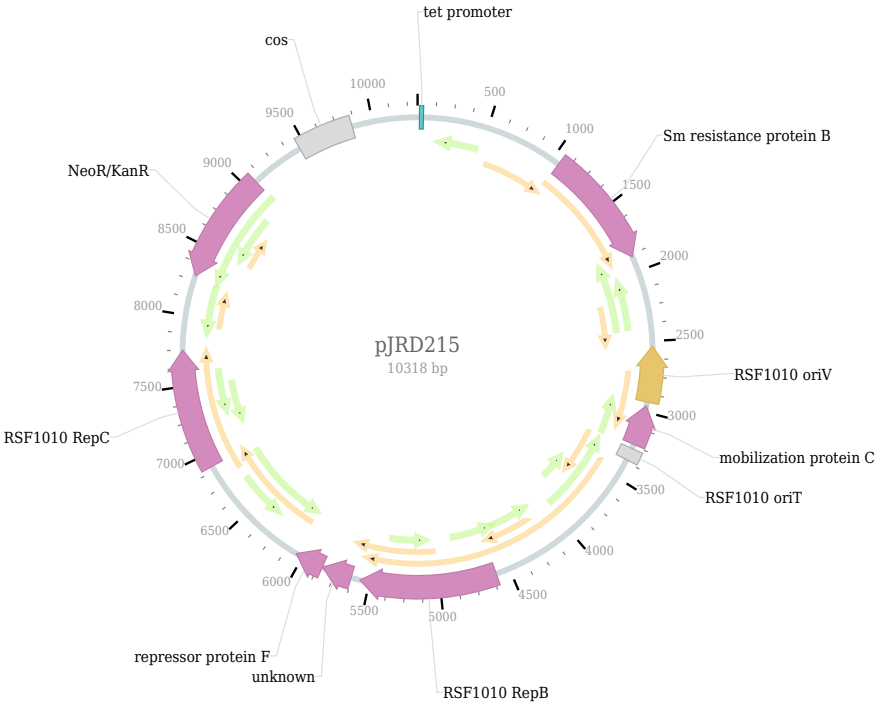
pJRD215

Vector ID	V005290
Antibiotic Resistance	Kanamycin
Length	10318 bp
Vector Type	Expression vector

Product Information

Replication Origin	RSF1010 oriV
Source/Author	Davison J, Heusterspreute M, Chevalier N, Ha-Thi V, Brunel F.
Promoter	tet
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pJRD215 is a versatile, broad-host-range cloning vector for Gram-negative bacteria. It features a RSF1010 origin, streptomycin/specinomycin resistance, and a multiple cloning site, enabling stable replication and genetic manipulation in diverse bacterial hosts like Pseudomonasand Agrobacterium.

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 ℃.