pBACOV

载体编号 Vector ID	V009316
抗性 Antibiotic Resistance	Ampicillin, Kanamycin
长度 Length	5396 bp
载体类型 Vector Type	Shuttle vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Heinze S, Kornberger P, Graetz C, Schwarz WH, Zverlov VV, Liebl W.
拷贝数 Copy Number	High copy number
培养菌株 Growth Strain(s)	Top10
培养温度 Growth Temperature	37℃
备注 Comment	pBACOV (Bacillus conjugation vector) is a broad-host-range E. coli–Bacillus shuttle vector (GenBank MG599120.1). Derived from pBE-S, it carries the ColE1 ori and AmpR for E. coli, the pUB110 pUB ori and KanR for Bacillus, an RK2 oriT/traJ module for conjugative "transmating", and an expression cassette with the B. subtilis PaprE promoter, aprE signal peptide, MCS and C-terminal His6 tag. Transmating worked in 9 of 11 species tested; PaprE drove sfGFP in 8.

质粒图谱



复溶方法

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 ℃.