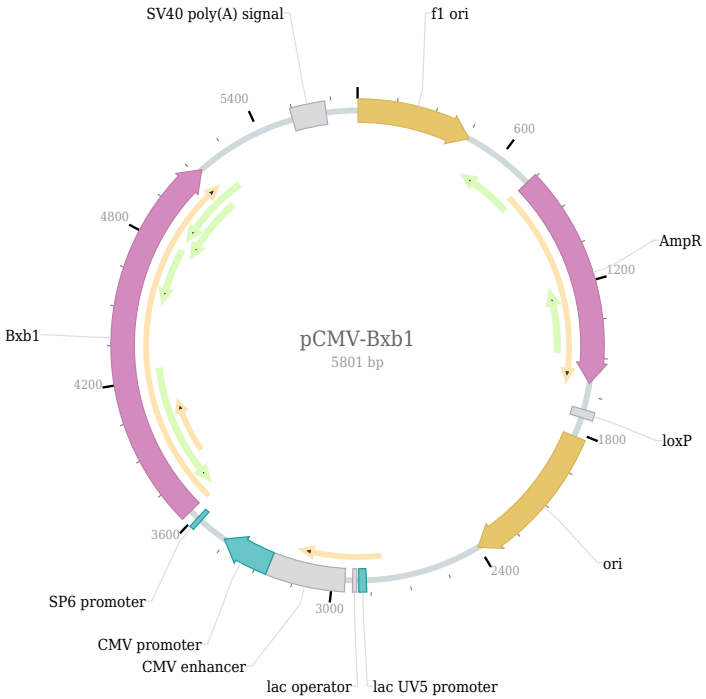
pCMV-Bxb1

Vector ID	V018087
Antibiotic Resistance	Ampicillin
Length	5801 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	CMV
3' Primer	Sv40-polyA-R
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCMV-Bxb1 expresses the Bxb1 integrase under the control of the CMV promoter, catalysing the precise integration of exogenous genes into target sites within the host genome. This facilitates accurate gene delivery and the establishment of stable cell lines.

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 ℃.