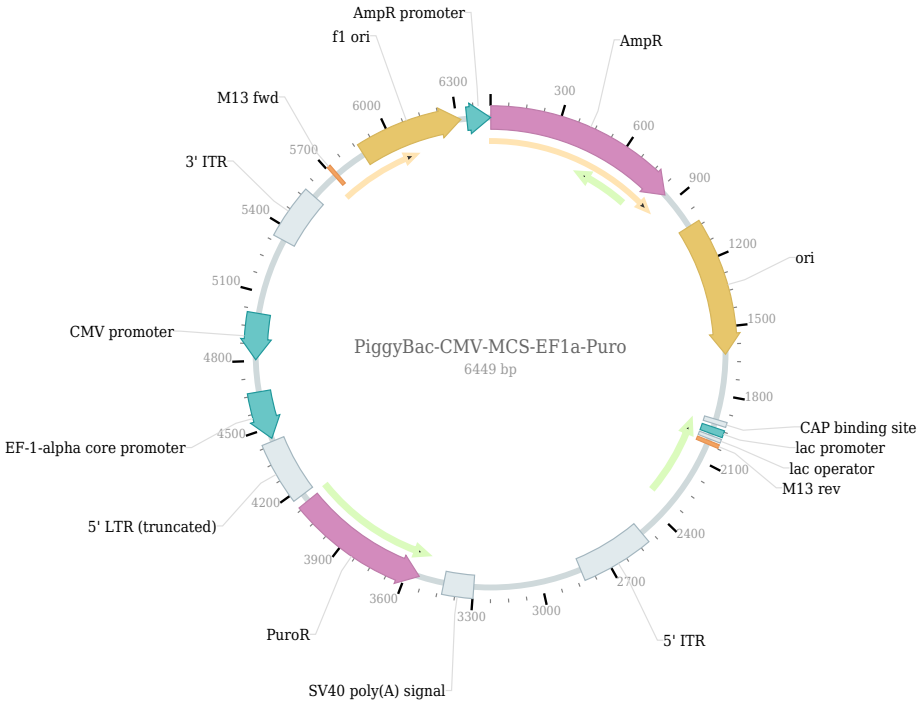
PiggyBac-CMV-MCS-EF1a-Puro

Vector ID	V013933
Antibiotic Resistance	Ampicillin
Length	6449 bp
Vector Type	Protein expression, Transposition
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	EF-1α core
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	PiggyBac-CMV-MCS-EF1a-Puro is a piggyBac transposon mammalian expression vector. CMV promoter drives MCS gene expression, while EF1a promoter drives puromycin resistance for stable genomic integration.

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 ℃.