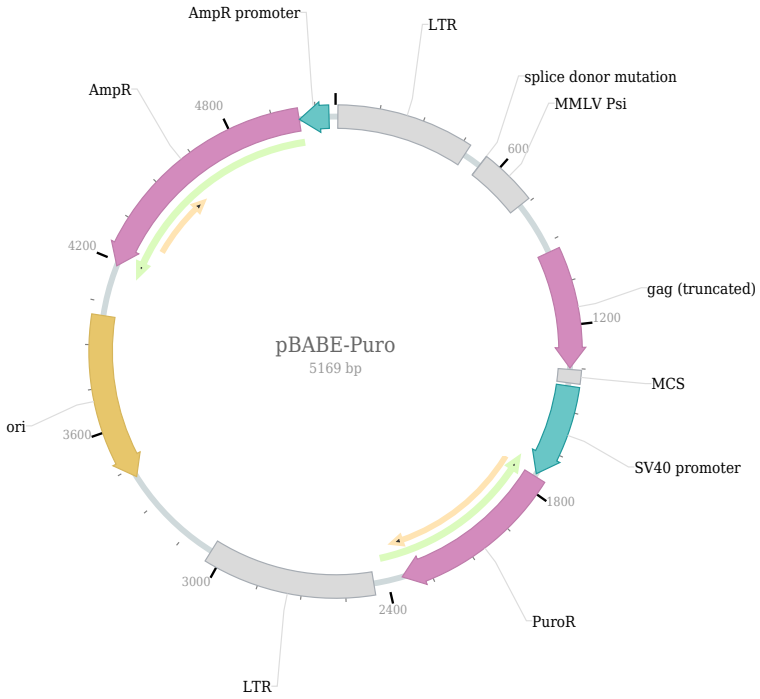
pBABE-Puro

载体编号 Vector ID	V010490
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5169 bp
载体类型 Vector Type	Viral Expression & Packaging Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Morgenstern JP, Land H.
筛选标记 Selection Marker	Puromycin
拷贝数 Copy Number	High copy number
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	pBABE 5'
3' 引物 3' Primer	pBABE 3'
培养菌株 Growth Strain(s)	Top10
备注 Comment	pBABE-Puro (5.2 kb) is a retroviral vector for gene delivery. It contains LTRs (long terminal repeats) for viral integration, a MMLV Psi (Ψ) packaging signal, a truncated gag sequence, and an MCS for gene insertion. The vector also carries AmpR for bacterial selection, a pUC ori, and a SV40 promoter driving PuroR (puromycin resistance) for stable selection. It is widely used for creating stable cell lines via retroviral transduction.

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 ℃.