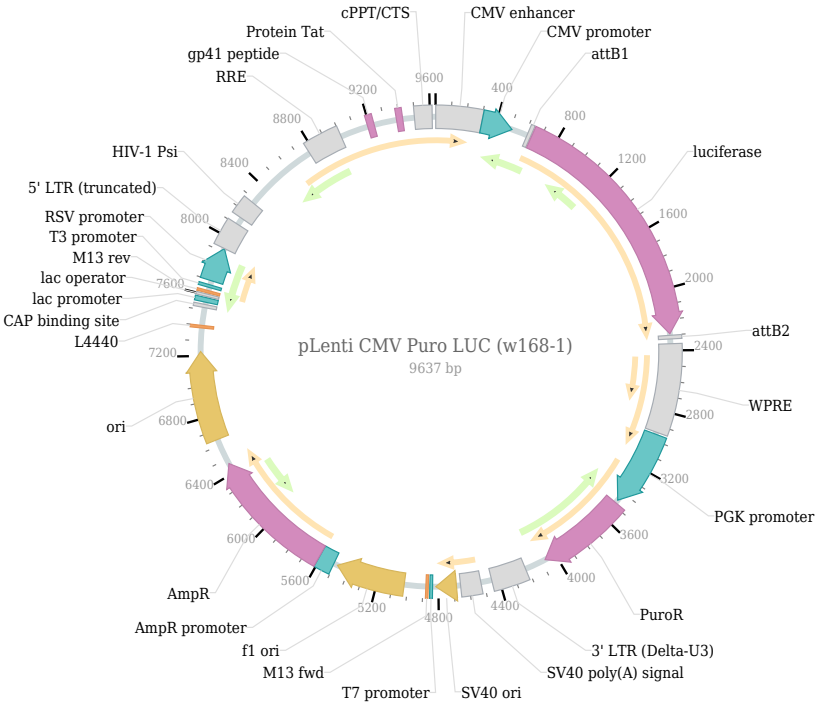
pLenti CMV Puro LUC (w168-1)

载体编号 Vector ID	V001361
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9637 bp
载体类型 Vector Type	Mammalian Expression, Lentiviral

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Puromycin
拷贝数 Copy Number	High Copy
启动子 Promoter	mPGK
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	CMVforw
培养温度 Growth Temperature	37℃
备注 Comment	pLenti CMV Puro LUC (w168-1) is a third-generation lentiviral vector (Campeau & Kaufman) expressing firefly luciferase from the CMV promoter together with a PGK-driven puromycin resistance cassette. It is used to generate stable luciferase reporter cells for in vitro and in vivo bioluminescence imaging; AmpR, propagate in Stbl3.

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 ℃.