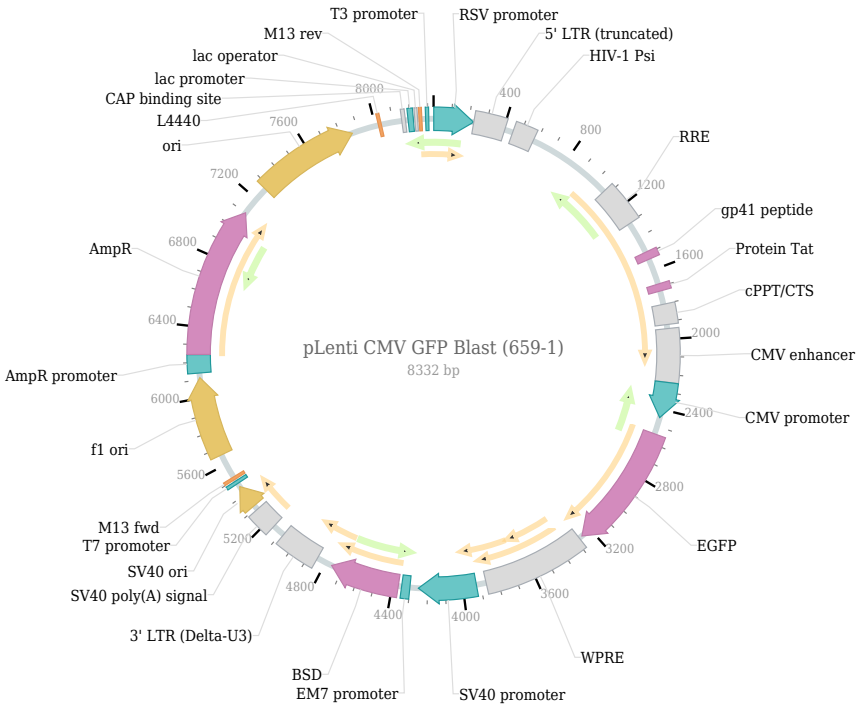
pLenti CMV GFP Blast (659-1)

载体编号 Vector ID	V007165
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8332 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	Blasticidin
拷贝数 Copy Number	High Copy
启动子 Promoter	RSV
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	CMVforw
培养菌株 Growth Strain(s)	Stbl3
备注 Comment	This is an 8332 bp lentiviral expression vector, pLenti CMV GFP Blast (659-1). It is designed for constitutive expression of the EGFP reporter gene driven by the CMV promoter. The vector includes essential lentiviral packaging elements (5' LTR, RRE, cPPT/CTS, WPRE) for viral transduction. For antibiotic selection, it features a Blasticidin resistance gene (BSD) under the EM7 promoter and an AmpR gene for bacterial propagation.

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 ℃.