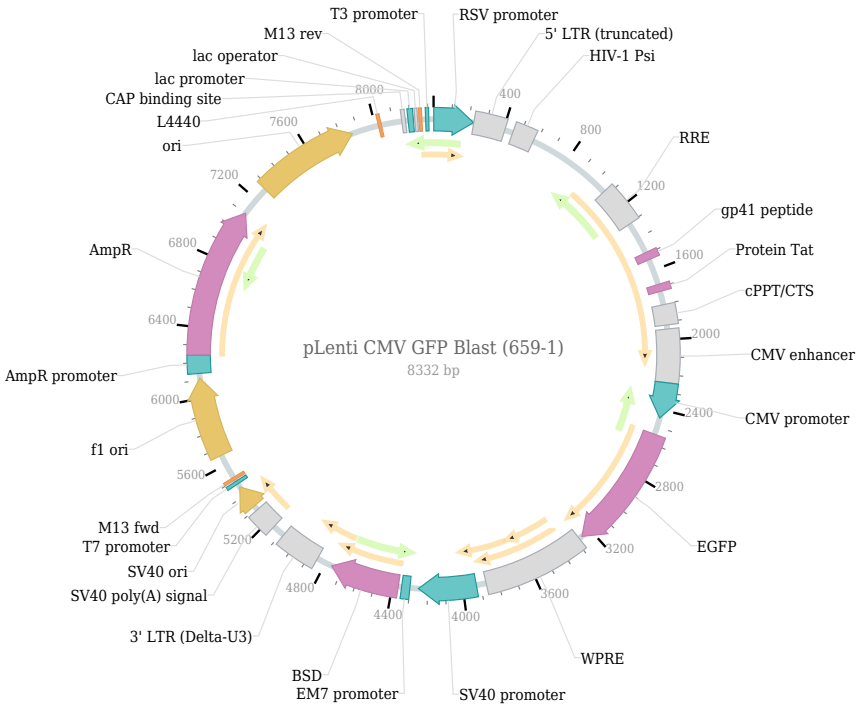
pLenti CMV GFP Blast (659-1)

Vector ID	V007165
Antibiotic Resistance	Ampicillin
Length	8332 bp
Vector Type	Mammalian Expression, Lentiviral

Product Information

Replication Origin	ori
Selection Marker	Blasticidin
Copy Number	High Copy
Promoter	RSV
Cloning Method	Restriction Enzyme
5' Primer	CMVforw
Growth Strain(s)	Stbl3
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.

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 ℃.