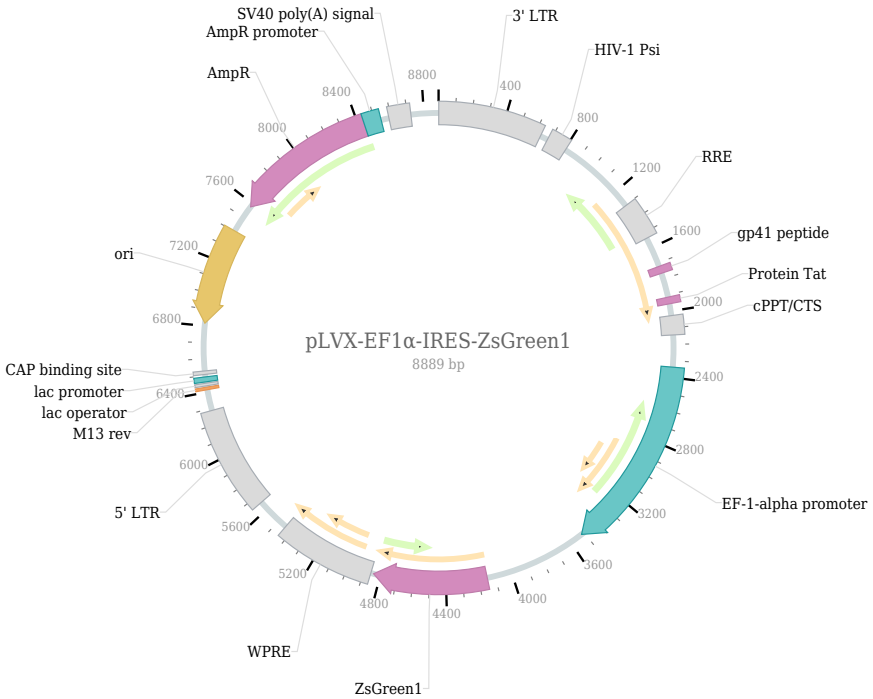
pLVX-EF1α-IRES-ZsGreen1

Vector ID	V012695
Antibiotic Resistance	Ampicillin
Length	8889 bp
Vector Type	Viral Expression & Packaging Vectors

Product Information

Replication Origin	ori
Source/Author	Clontech
Copy Number	High copy number
Promoter	EF-1α
Cloning Method	Enzyme Cut
Growth Strain(s)	stbl3
Growth Temperature	37℃
Expression Method	Constiutive, Stable
Comment	pLVX-EF1α-IRES-ZsGreen1 is an 8.9 kb lentiviral vector for constitutive co-expression in mammalian cells. It uses the EF1α promoter and an IRES to enable simultaneous expression of a gene of interest and the ZsGreen1 fluorescent protein from a single transcript, allowing for tracking transduction efficiency.

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 ℃.