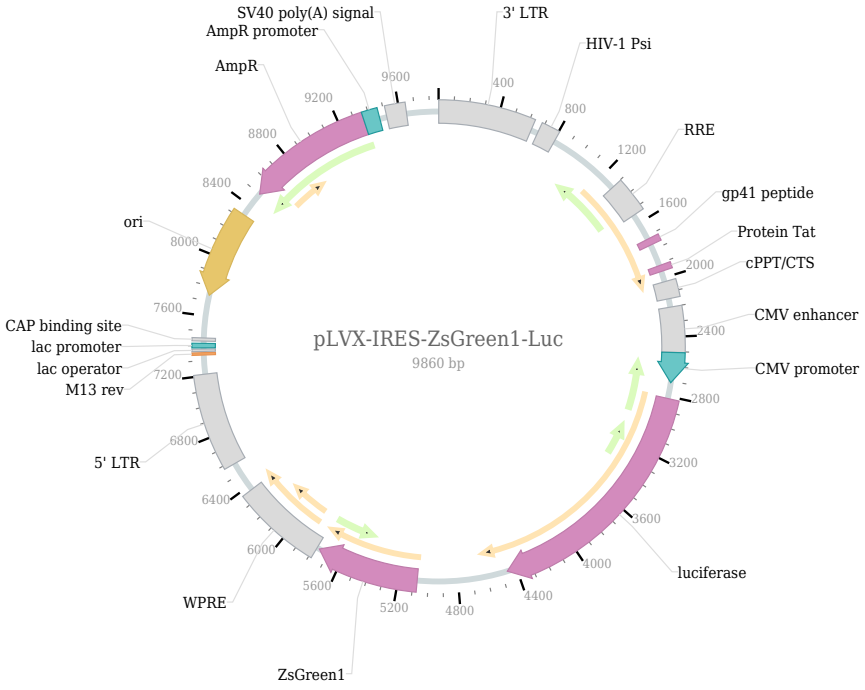
pLVX-IRES-ZsGreen1-Luc

Vector ID	V013061
Antibiotic Resistance	Ampicillin
Length	9860 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Promoter	CMV
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLVX-IRES-ZsGreen1-Luc is a Lenti-X bicistronic reporter vector co-expressing ZsGreen1 green fluorescence and firefly luciferase from a single transcript via an EMCV IRES, enabling simultaneous flow-cytometric sorting and bioluminescent tracking of transduced cells in vitro and in vivo. AmpR, Stbl3 propagation for lentiviral packaging in HEK293T cells.

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 ℃.