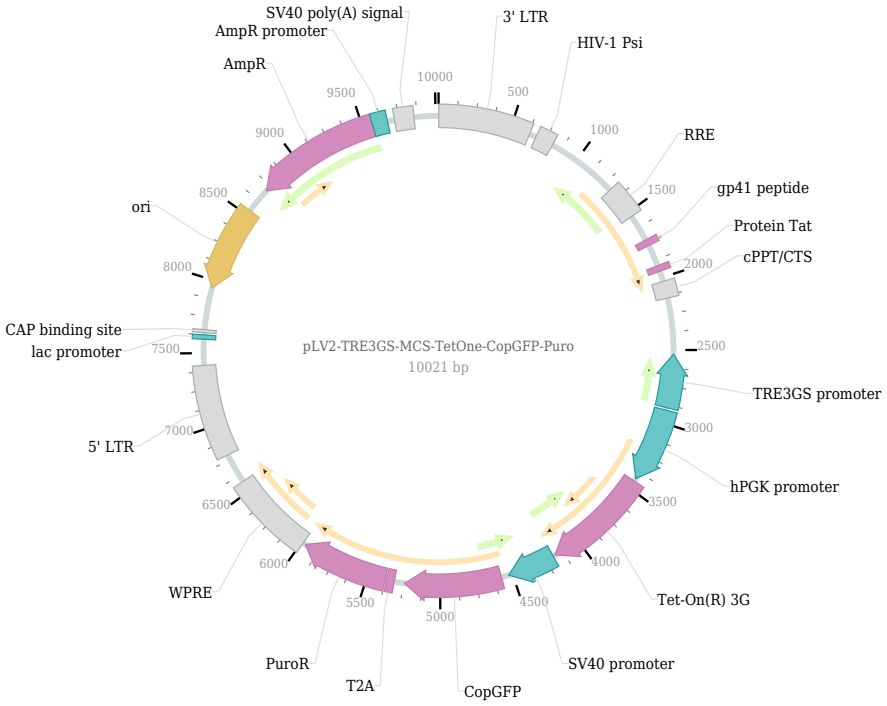
pLV2-TRE3GS-MCS-TetOne-CopGFP-Puro

Vector ID	V014892
Antibiotic Resistance	Ampicillin
Length	10021 bp

Product Information

Replication Origin	ori
Promoter	hPGK
Growth Strain(s)	DH10B
Comment	pLV2-TRE3GS-MCS-TetOne-CopGFP-Puro is an all-in-one doxycycline-inducible pLV2 lentiviral vector in which TRE3GS-driven expression of MCS-cloned genes is activated by the co-expressed Tet-On 3G transactivator, with CopGFP fluorescence tracking and puromycin resistance selecting induced cells. Ideal for tightly regulated, titratable gene expression; AmpR, Stbl3.

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 ℃.