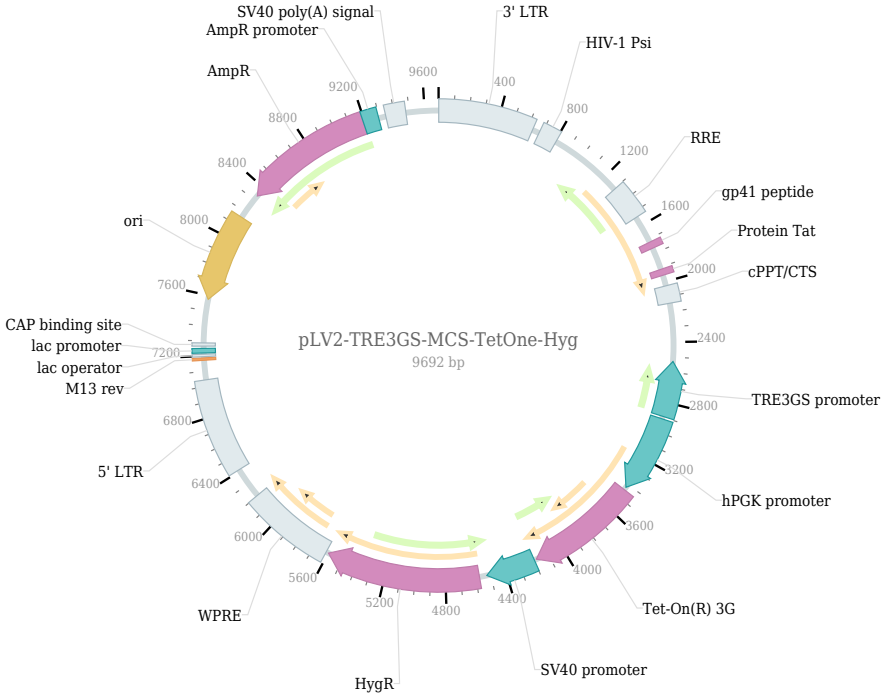
pLV2-TRE3GS-MCS-TetOne-Hyg

Vector ID	V014220
Antibiotic Resistance	Ampicillin
Length	9692 bp
Vector Type	Protein expression, Tetracycline inducible
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Hyg
Promoter	hPGK
Growth Strain(s)	Stbl3
Growth Temperature	30℃
Comment	The plasmid pLV2-TRE3GS-MCS-TetOne-Hyg is a lentiviral vector designed for inducible gene expression. It features a tetracycline-responsive promoter (TRE3GS), a multiple cloning site (MCS) for inserting your gene of interest, and a hygromycin resistance gene for selection.

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 ℃.