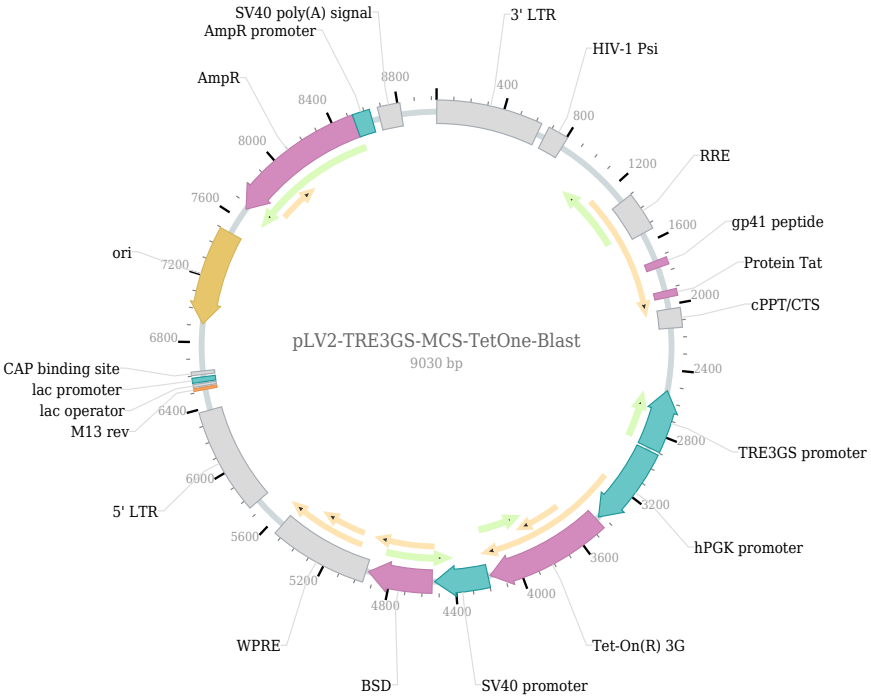
pLV2-TRE3GS-MCS-TetOne-Blast

Vector ID	V014711
Antibiotic Resistance	Ampicillin
Length	9030 bp
Vector Type	Protein expression, Tetracycline inducible
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Blast
Promoter	hPGK
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLV2-TRE3GS-MCS-TetOne-Blast is an all-in-one doxycycline-inducible pLV2 lentiviral vector combining constitutive Tet-On 3G transactivator expression with the TRE3GS inducible promoter driving genes cloned into the MCS. Tight off-state and strong Dox-dependent induction; blasticidin resistance enables selection of stable inducible cell lines; 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 ℃.