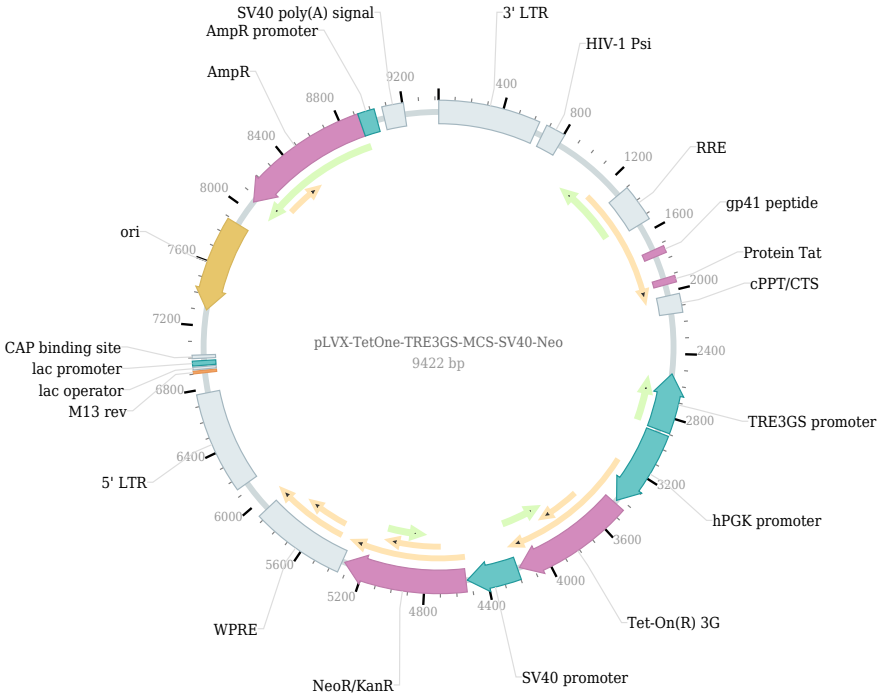
pLVX-TetOne-TRE3GS-MCS-SV40-Neo

Vector ID	V013650
Accession ID	pLVX-TetOne-Neo
Antibiotic Resistance	Ampicillin
Length	9422 bp
Vector Type	Protein expression, Tetracycline inducible
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	hPGK
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLVX-TetOne-TRE3GS-MCS-SV40-Neo is an all-in-one Dox-inducible Lenti-X vector in which the TRE3GS promoter drives genes cloned into the MCS, activated by the co-expressed Tet-On 3G transactivator; SV40-driven neomycin (G418) resistance selects stable inducible clones. Enables tight, titratable regulation from a single vector; 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 ℃.