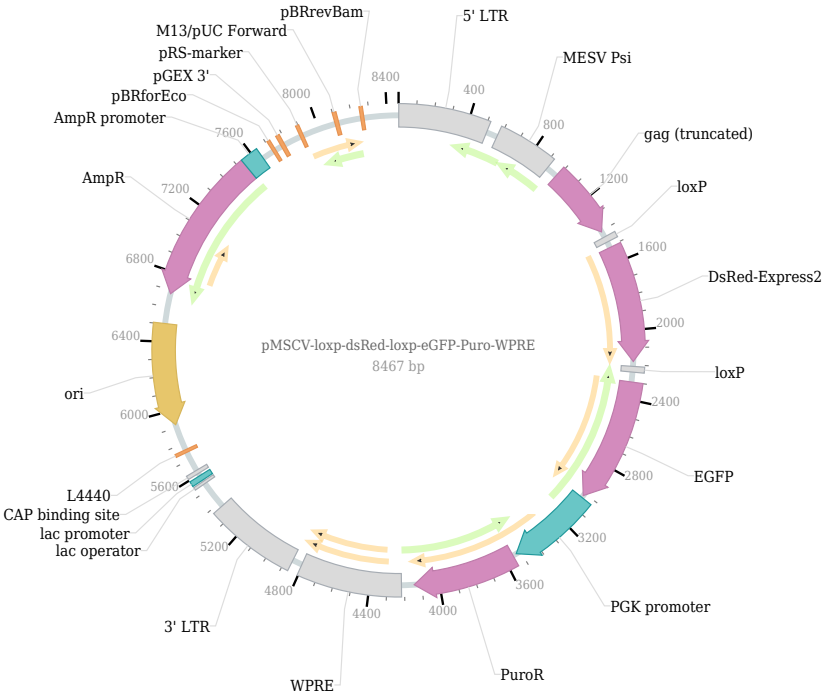
pMSCV-loxp-dsRed-loxp-eGFP-Puro-WPRE

Vector ID	V000368
Antibiotic Resistance	Ampicillin
Length	8467 bp
Vector Type	Mammalian Expression, Retroviral, Cre/Lox

Product Information

Replication Origin	ori
Selection Marker	Puromycin
Promoter	MSCV
Cloning Method	Ligation Independent Cloning
5' Primer	CTCCCACAACGAGGACTACAC
Growth Strain(s)	Stbl3
Comment	pMSCV-loxp-dsRed-loxp-eGFP-Puro-WPRE is a conditional overexpression vector. Deletion of dsRed by Cre recombinase results in the rapid loss of dsRed and the activation of your gene fused to eGFP expression.

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 ℃.