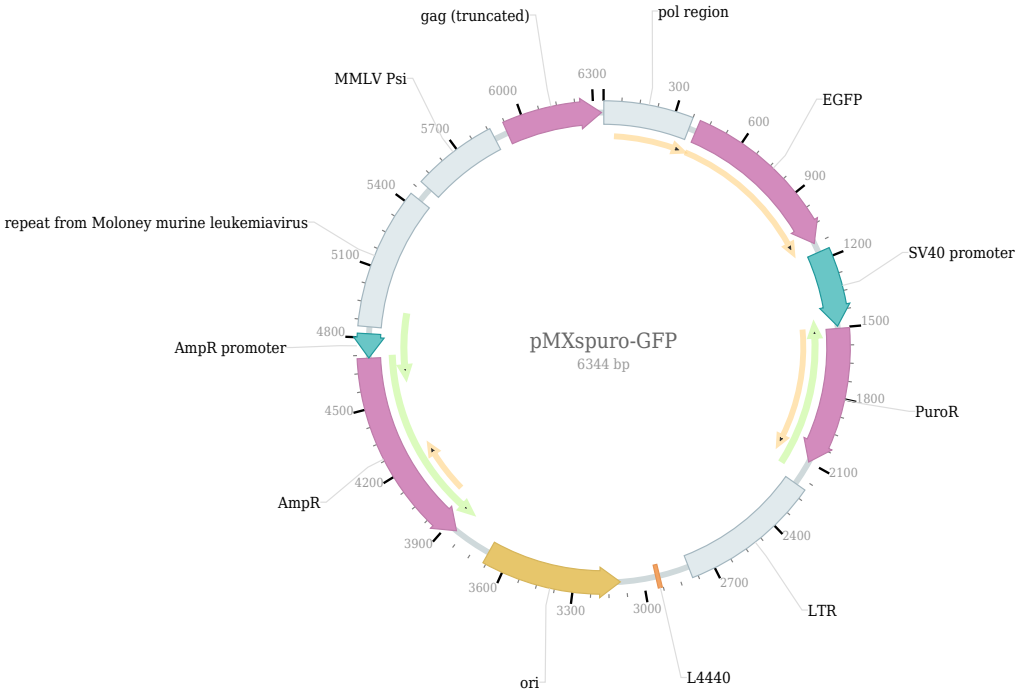
pMXspuro-GFP

Vector ID	V001043
Antibiotic Resistance	Ampicillin
Length	6344 bp
Vector Type	Mammalian Expression, Retroviral

Product Information

Replication Origin	ori
Selection Marker	Puromycin
Copy Number	High Copy
Promoter	SV40
Cloning Method	Restriction Enzyme
5' Primer	GACGGCATCGCAGCTTGGATACAC
Growth Strain(s)	JM109
Comment	pMXspuro-GFP is a pMXs-puro–based MMLV retroviral control expressing GFP; puromycin selection enables stable mammalian transduction and serves as a fluorescence/autophagy reporter negative control.

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 ℃.