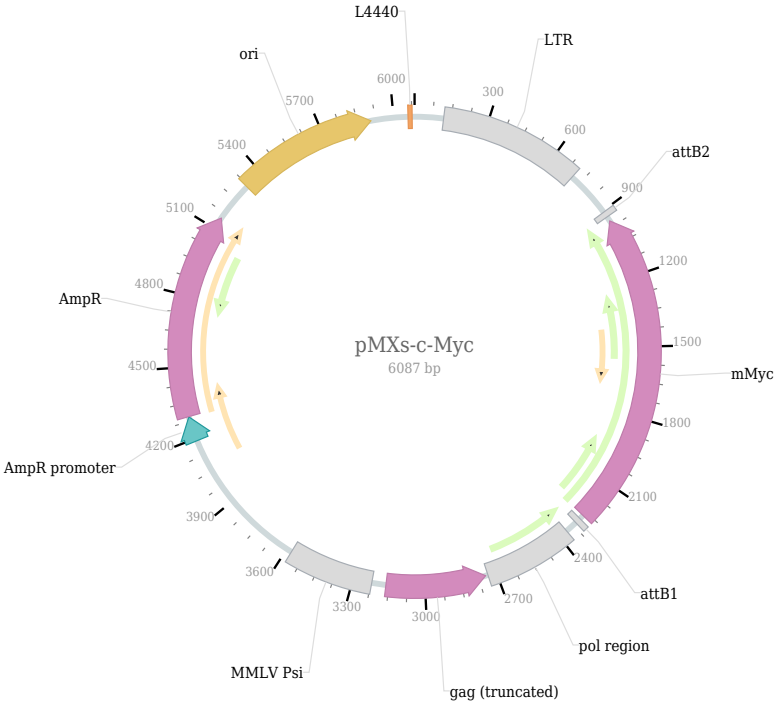
pMXs-c-Myc

Vector ID	V001809
Antibiotic Resistance	Ampicillin
Length	6087 bp
Vector Type	Mammalian Expression, Retroviral

Product Information

Replication Origin	ori
Copy Number	High Copy
Cloning Method	Restriction Enzyme
5' Primer	pMX-S1811
Growth Strain(s)	stbl3
Comment	The pMXs-c-Myc is a plasmid constructed based on the pMXs vector derived from the murine leukemia virus (MLV) and contains the proto-oncogene c-Myc. Its functions mainly include inducing the reprogramming of induced pluripotent stem cells and maintaining the stemness of stem cells in stem cell research, establishing tumor cell models and studying tumor signaling pathways in tumor research, and being used to explore the specific mechanisms of action of c-Myc in the field of gene function research.

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 ℃.