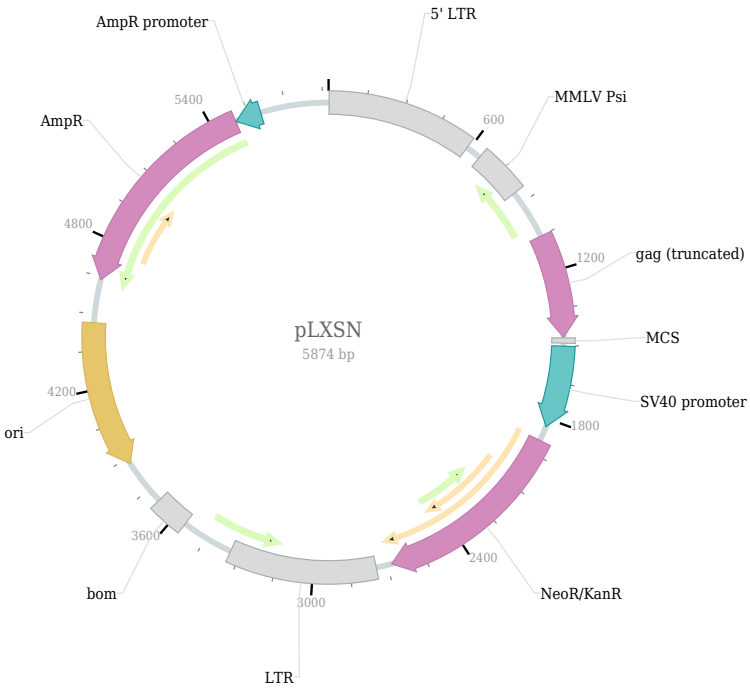
pLXSN

Vector ID	V010405
Antibiotic Resistance	Ampicillin
Length	5874 bp
Vector Type	Viral Expression & Packaging Vectors

Product Information

Replication Origin	ori
Source/Author	Clontech
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Growth Strain(s)	DH10B
Comment	pLXSN is a retroviral expression vector derived from Moloney murine leukemia virus (MoMLV) carrying the neomycin phosphotransferase gene for G418 selection. Efficiently transduces dividing cells and integrates into the host genome, enabling stable long-term transgene expression for gene transfer and gene therapy studies.

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 ℃.