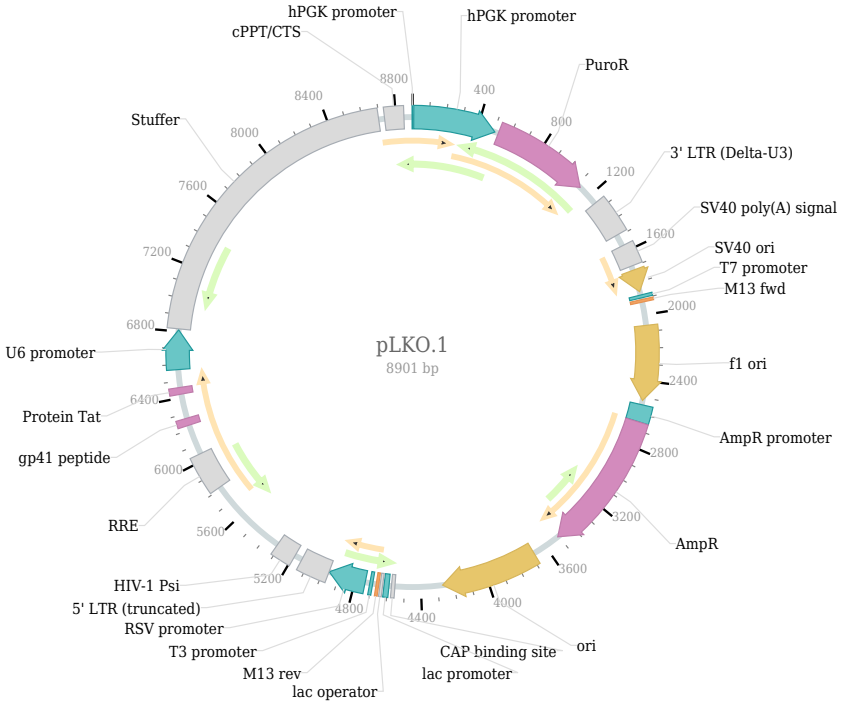
pLKO.1

Vector ID	V010449
Antibiotic Resistance	Ampicillin
Length	8901 bp
Vector Type	Viral Expression & Packaging Vectors

Product Information

Replication Origin	ori
Source/Author	The RNAi Consortium
Copy Number	High copy number
Promoter	hPGK
Growth Strain(s)	Stbl3
Comment	pLKO.1, as a lentiviral RNAi vector, mediates shRNA expression to knock down target genes, thereby investigating their biological functions.

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 ℃.