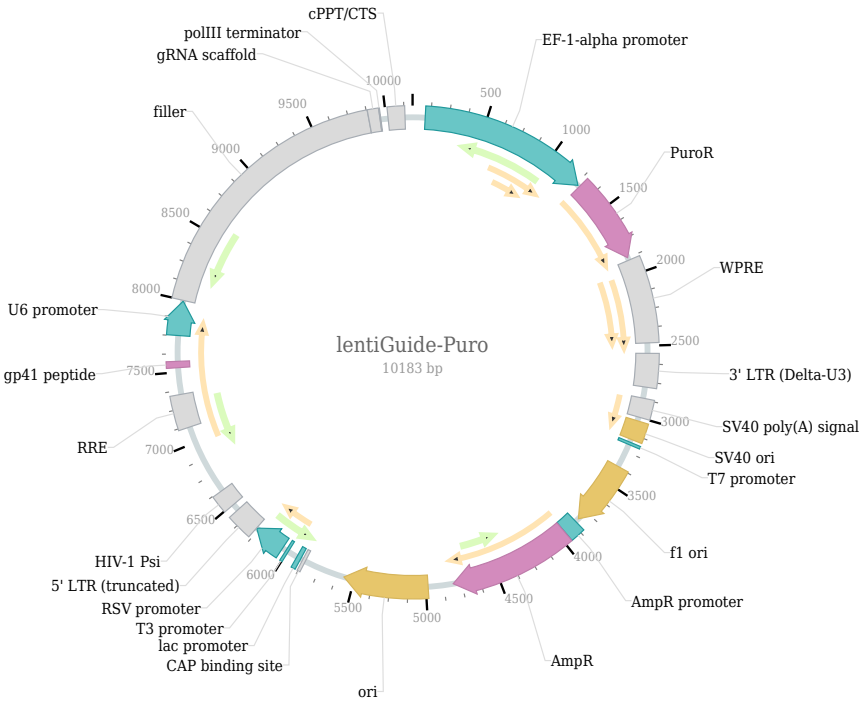
lentiGuide-Puro

Vector ID	V012327
Antibiotic Resistance	Ampicillin
Length	10183 bp
Vector Type	CRISPR Plasmids

Product Information

Replication Origin	ori
Source/Author	Sanjana NE, Shalem O, Zhang F.
Copy Number	High copy number
Promoter	EF-1α
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	The lentiGuide-Puro is a lentiviral vector, also known as pLentiGuide-Puro. It is for expressing a single guide RNA (sgRNA) in Cas9-expressing cells.

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 ℃.