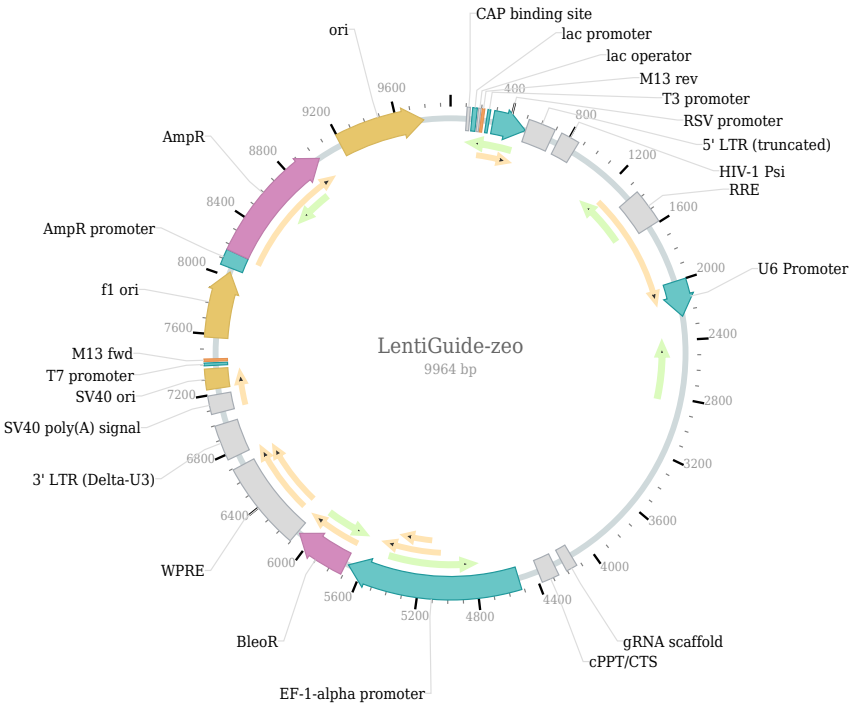
LentiGuide-zeo

Vector ID	V018104
Antibiotic Resistance	Ampicillin
Length	9964 bp
Vector Type	Mammalian Expression, Lentiviral, CRISPR

Product Information

Selection Marker	Zeocin
Copy Number	High Copy
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	LentiGuide-zeo is a lentiviral CRISPR vector expressing a S. pyogenes chimeric RNA with a U6 promoter-driven customizable sgRNA for genome targeting and a zeocin resistance marker for mammalian cell selection. It enables precise Cas9-mediated editing and stable cell population enrichment via zeocin-based antibiotic selection.

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 ℃.