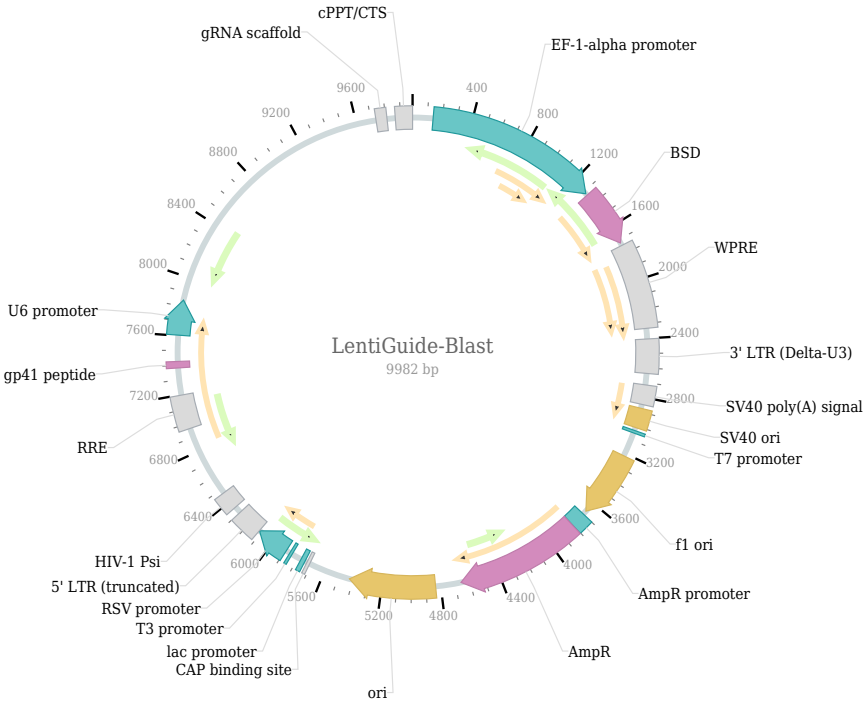
LentiGuide-Blast

Vector ID	V014708
Antibiotic Resistance	Ampicillin
Length	9982 bp
Vector Type	Genome editing
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Blast
Promoter	EF-1α
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	LentiGuide-Blast is a lentiviral plasmid for CRISPR/Cas9 genome editing. It expresses a single-guide RNA (sgRNA) from a human U6 promoter and carries a blasticidin resistance gene for selecting transduced mammalian cells. In bacteria, the plasmid is selected with ampicillin resistance.

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 ℃.