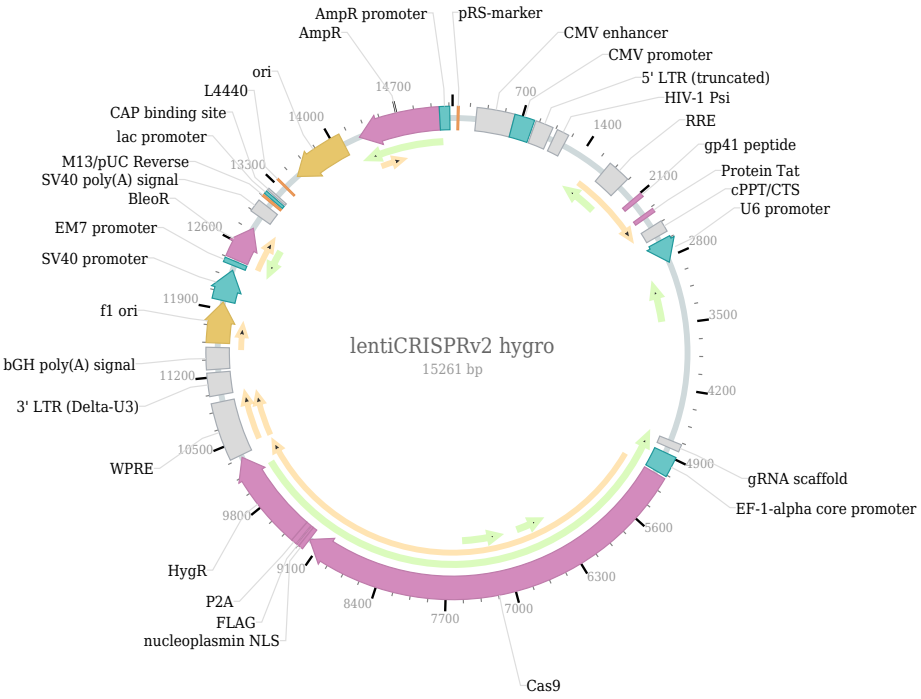
lentiCRISPRv2 hygro

Vector ID	V000398
Antibiotic Resistance	Ampicillin
Length	15261 bp
Vector Type	Lentiviral, CRISPR

Product Information

Replication Origin	ori
Selection Marker	Hygromycin
Copy Number	High Copy
Promoter	SV40
Cloning Method	Restriction Enzyme
5' Primer	CCAAAGAGGTGCTGGACG
3' Primer	WPRE-R (CATAGCGTAAAAGGAGCAACA)
Growth Strain(s)	Stbl3
Comment	LentiCRISPRv2 hygro is a lentiviral vector for mammalian CRISPR-Cas9 gene editing. It expresses Cas9 and a single-guide RNA, and uses hygromycin resistance for selection, enabling stable knockout of target genes following lentiviral transduction.

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 ℃.