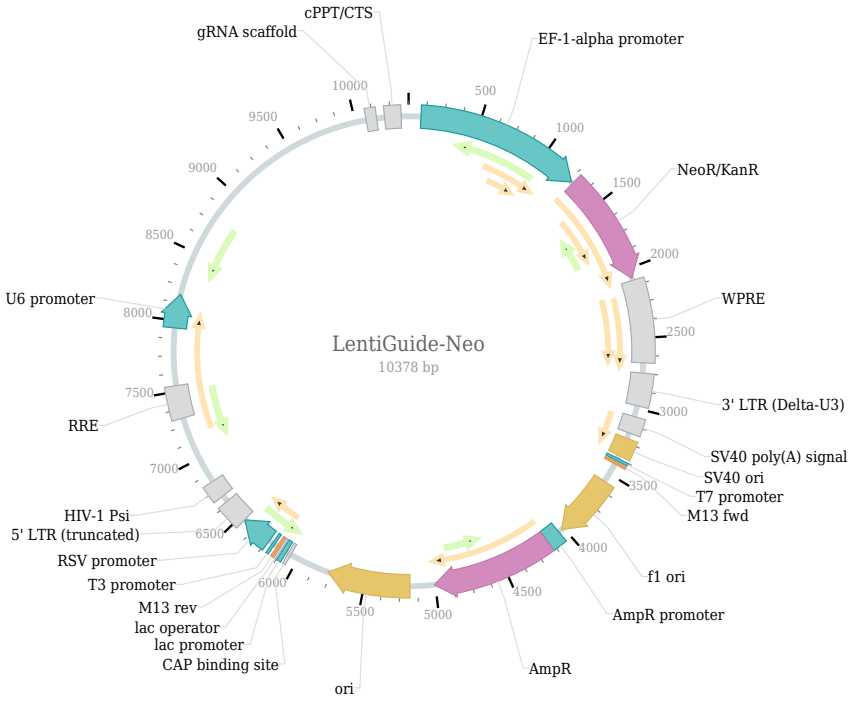
LentiGuide-Neo

载体编号 Vector ID	V018105
抗性 Antibiotic Resistance	Ampicillin
长度 Length	10378 bp
载体类型 Vector Type	Mammalian Expression, Lentiviral

产品信息

拷贝数 Copy Number	High Copy
融合标签 Fusion Tag	Neomycin (select with G418)
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	LentiGuide-Neo is a lentiviral plasmid vector designed for CRISPR sgRNA expression. It carries a neomycin resistance gene (neoR) for selection in mammalian cells using G418 and an ampicillin resistance gene (AmpR) for bacterial propagation. The sgRNA is expressed from a human U6 promoter, enabling targeted gene knockout when used in cells expressing Cas9.

质粒图谱



复溶方法

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 ℃.