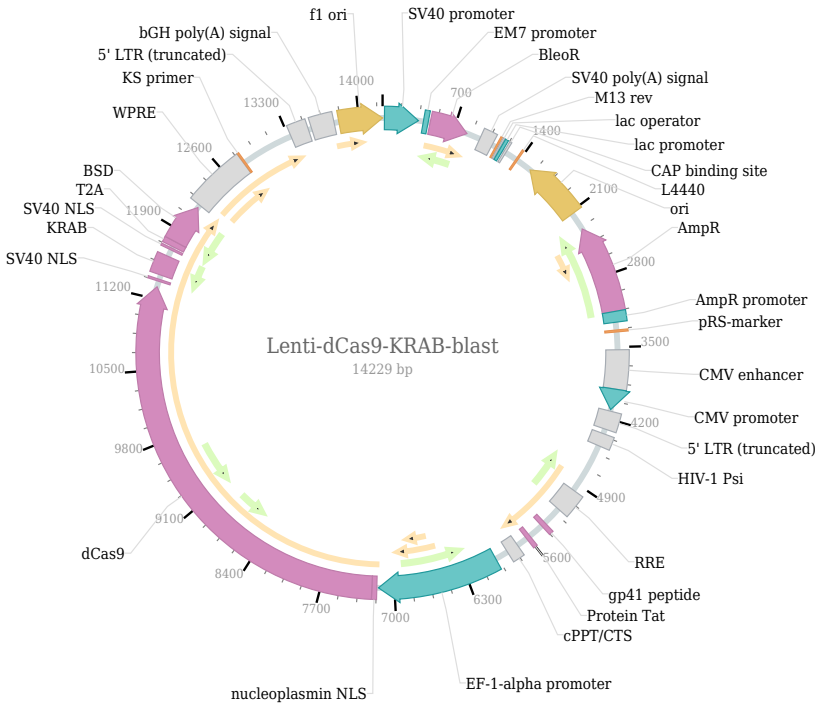
Lenti-dCas9-KRAB-blast

载体编号 Vector ID	V006684
抗性 Antibiotic Resistance	Ampicillin
长度 Length	14229 bp
载体类型 Vector Type	Lentiviral

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Blasticidin
拷贝数 Copy Number	High Copy
启动子 Promoter	EF-1α
培养菌株 Growth Strain(s)	stbl3
培养温度 Growth Temperature	37℃
备注 Comment	The Lenti-dCas9-KRAB-blast plasmid is a lentiviral overexpression vector. It utilizes an EF-1α promoter to drive the expression of a catalytically dead Cas9 (dCas9) fused to the KRAB transcriptional repressor domain. This system is designed for CRISPRi-based gene silencing experiments in mammalian cells, with blasticidin resistance for selection.

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 ℃.