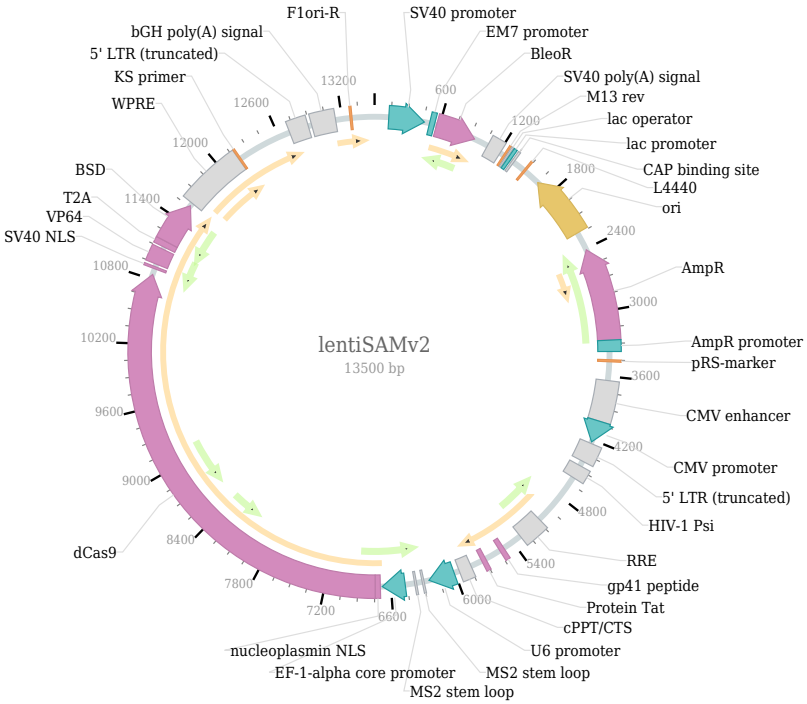
lentiSAMv2

载体编号 Vector ID	V001621
抗性 Antibiotic Resistance	Ampicillin
长度 Length	13500 bp
载体类型 Vector Type	Mammalian Expression, Lentiviral, CRISPR

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	U6 and EF1A
克隆方法 Cloning Method	Restriction Enzyme
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	The lentiSAMv2 features a lentiviral sgRNA cloning backbone with MS2 loops positioned at both the tetraloop and stemloop 2. It includes a dCas9-VP64 fusion protein and a blasticidin resistance marker for selection. Additionally, it is equipped with BsmBI restriction sites to facilitate the insertion of spacer sequences.

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 ℃.