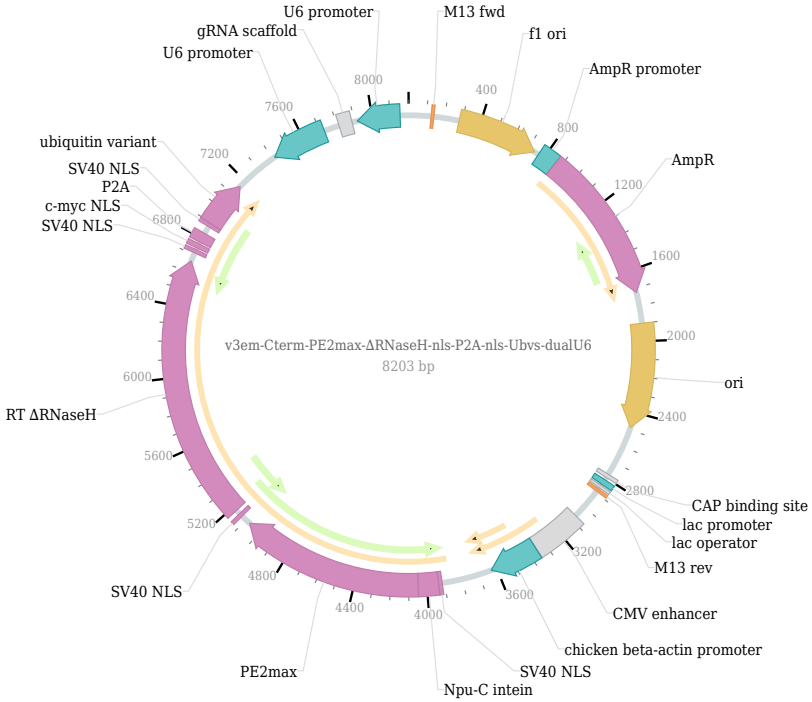
v3em-Cterm-PE2max-ΔRNaseH-nls-P2A-nls-Ubvs-dualU6

载体编号 Vector ID	V015065
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8203 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells, Adeno-associated virus

产品信息

复制子 Replication Origin	ori
启动子 Promoter	CBh
5' 引物 5' Primer	G33179-F1
培养温度 Growth Temperature	37℃
备注 Comment	v3em-Cterm-PE2max-ΔRNaseH-nls-P2A-nls-Ubvs-dualU6 is a dual-AAV prime editing component of the v3em PE-AAV system (Davis et al. 2023): encodes the C-terminal half of PE2max (RNaseH domain deleted, with NLS) that reconstitutes the full editor via split-intein trans-splicing with the N-terminal component, plus additional regulatory elements and dual U6 sgRNA cassettes. Enables efficient in vivo prime editing in mouse brain, liver, and heart.

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 ℃.