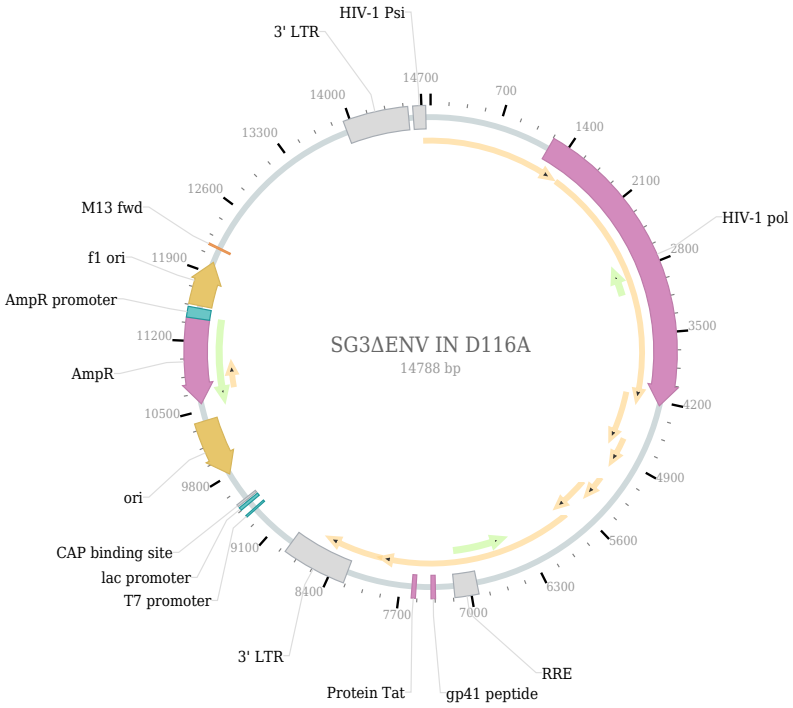
SG3ΔENV IN D116A

载体编号 Vector ID	V017068
抗性 Antibiotic Resistance	Ampicillin
长度 Length	14788 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
启动子 Promoter	T7
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	Noninfectious HIV-1 proviral clone in pTZ19U, 14788 bp, Amp-resistant. Env is disrupted by a CTAG insertion creating a stop codon after residue 142; integrase catalytic-triad residue D116 is mutated to alanine, abolishing integration while preserving reverse transcription. Used as a trans-complementation background.

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 ℃.