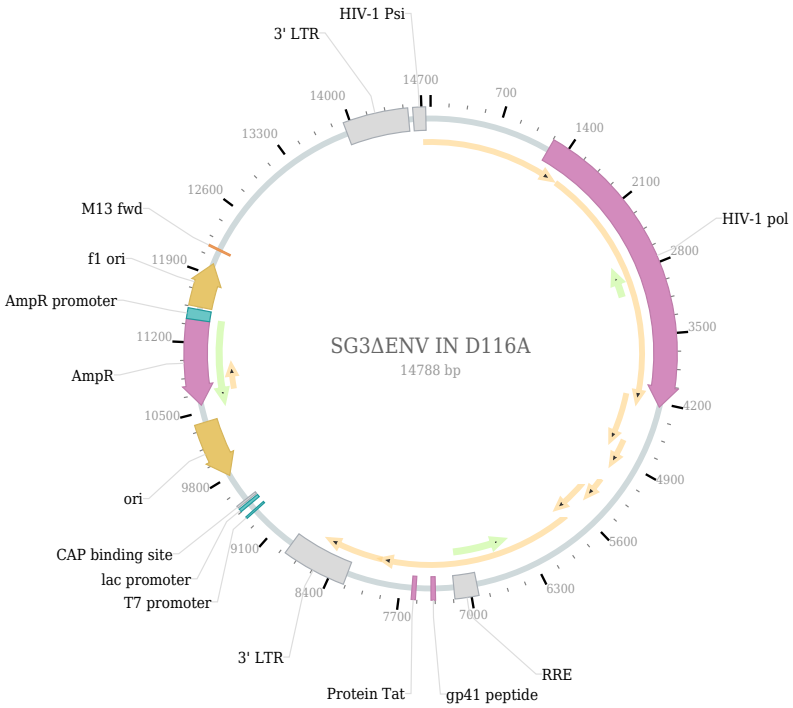
SG3ΔENV IN D116A

Vector ID	V017068
Antibiotic Resistance	Ampicillin
Length	14788 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	T7
Growth Strain(s)	Stbl3
Growth Temperature	37℃
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.

Vector Map



Plasmid Resuspension Protocol

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 ℃.