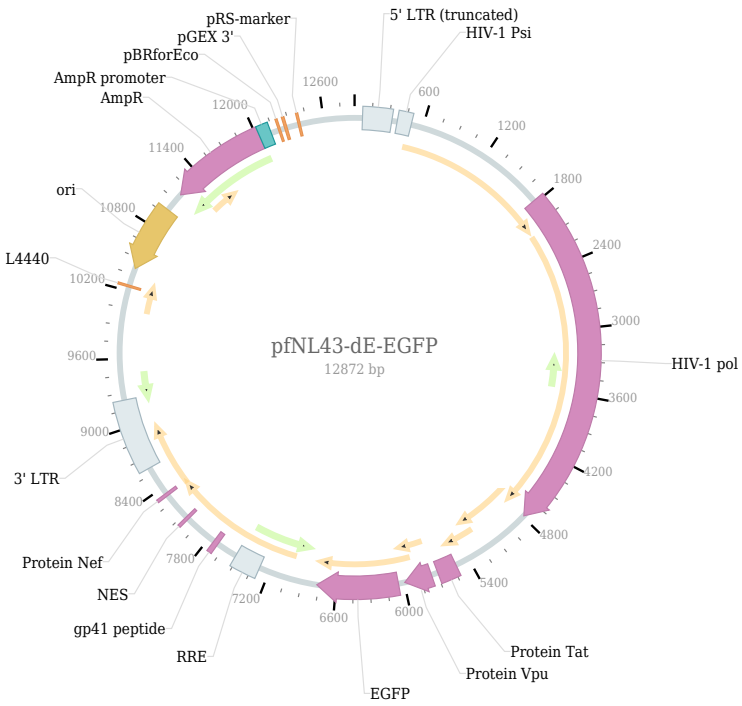
pfNL43-dE-EGFP

Vector ID	V000058
Antibiotic Resistance	Ampicillin
Length	12872 bp
Vector Type	Mammalian Expression, Lentiviral, Retroviral

Product Information

Replication Origin	ori
Copy Number	High Copy
Growth Strain(s)	Stbl3
Comment	pfNL43-dE-EGFP can be employed to construct HIV pseudoviruses, enabling visualisation of the infection process through EGFP labelling. This facilitates the detection of compounds' anti-HIV activity and assists in evaluating therapeutic efficacy.

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 ℃.