

Resource Summary Report

Generated by PRECISE-TBI on Aug 10, 2026

pfNL43-dGPE-EGFP

RRID:Addgene_36866

Type: Plasmid

Proper Citation

RRID:Addgene_36866

Plasmid Information

URL: <http://www.addgene.org/36866>

Proper Citation: RRID:Addgene_36866

Insert Name: NL43-dGPE-EGFP

Organism: HIV-1

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:2686; Vector Backbone:pUC18; Vector Types:Mammalian Expression, Lentiviral, Retroviral; Bacterial Resistance:Ampicillin

Comments: This plasmid is based on pfNL43-dE-EGFP. Addgene's sequencing results identified 4 nucleotide mismatches at bp# 1634 & 2223-2225 when compared to the full plasmid sequence provided by the depositing laboratory, are remnants of the deleted pol gene and are not a concern for the function of the plasmid. According to the depositing laboratory, this plasmid still produces infectious virus when gag, pol and env are supplied in trans.

Plasmid Name: pfNL43-dGPE-EGFP

Relevant Mutation: parts of Gag and Pol were deleted and EGFP inserted after 6350 nucleotide of original NL43, which splits/inactivates viral envelope

Record Creation Time: 20220422T222156+0000

Record Last Update: 20260808T081605+0000

Ratings and Alerts

No rating or validation information has been found for pfNL43-dGPE-EGFP.

No alerts have been found for pfNL43-dGPE-EGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.