Resource Summary Report

Generated by NIF on Jul 29, 2026

LeGO-iV

RRID:Addgene_27360
Type: Plasmid

Proper Citation

RRID:Addgene_27360

Plasmid Information

URL: http://www.addgene.org/27360

Proper Citation: RRID:Addgene_27360

Insert Name: U6 promoter, SFFV promoter, IRES-Venus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:18362927

Vector Backbone Description: Backbone Size:8159; Vector Backbone:LeGO; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: HIV-1 derived third generation lentiviral vector for the expression of a cDNA and an shRNA. Compatibel to shRNAs cloned in pSUPER (XbaI/XhoI). Multiple cloning site for the cDNA: BamHI, EcoRI, SbfI, StuI, NotI. An internal ribosome entry site (IRES) is used to express the marker gene. Use second generation (like psPAX2) or third generation (like pMDLg/pRRE + pRSV-Rev) systems for packaging in addition to a VSV-G expressing plasmid (or another envelope protein). Please visit the LeGO-Vector home page for more information: http://www.LentiGO-Vectors.de

Plasmid Name: LeGO-iV

Record Creation Time: 20220422T222123+0000

Record Last Update: 20260725T074517+0000

Ratings and Alerts

No rating or validation information has been found for LeGO-iV.

No alerts have been found for LeGO-iV.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Virgilio MC, et al. (2024) HIV-1 Vpr combats the PU.1-driven antiviral response in primary human macrophages. Nature communications, 15(1), 5514.

Virgilio MC, et al. (2023) HIV-1 Vpr combats the PU.1-driven antiviral response in primary human macrophages. bioRxiv : the preprint server for biology.