

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 17, 2025

pLV-EF1a-IRES-Neo

RRID:Addgene_85139

Type: Plasmid

Proper Citation

RRID:Addgene_85139

Plasmid Information

URL: <http://www.addgene.org/85139>

Proper Citation: RRID:Addgene_85139

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27842057](#)

Vector Backbone Description: Backbone Size:9211; Vector Backbone:pLV-EF1a-IRES-Neo; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: - Efficient selection of stably transduced cells due to IRES-driven selectable marker. - Suitable cloning sites are BamHI/EcoRI, BamHI/NotI. - Compatible with 2nd and 3rd generation lentiviral packaging systems.

Plasmid Name: pLV-EF1a-IRES-Neo

Record Creation Time: 20220422T222548+0000

Record Last Update: 20220422T225149+0000

Ratings and Alerts

No rating or validation information has been found for pLV-EF1a-IRES-Neo.

No alerts have been found for pLV-EF1a-IRES-Neo.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Chi LH, et al. (2024) Loss of tumor-derived SMAD4 enhances primary tumor growth but not metastasis following BMP4 signalling. *Cell communication and signaling : CCS*, 22(1), 248.

Guo HZ, et al. (2024) A CD36-dependent non-canonical lipid metabolism program promotes immune escape and resistance to hypomethylating agent therapy in AML. *Cell reports. Medicine*, 5(6), 101592.

Hao M, et al. (2024) In vivo CRISPR knockout screen identifies p47 as a suppressor of HER2+ breast cancer metastasis by regulating NEMO trafficking and autophagy flux. *Cell reports*, 43(2), 113780.

Marshall-Burghardt S, et al. (2024) Excitable Rho dynamics control cell shape and motility by sequentially activating ERM proteins and actomyosin contractility. *Science advances*, 10(36), eadn6858.

Ren Y, et al. (2024) Circular RNA as a source of neoantigens for cancer vaccines. *Journal for immunotherapy of cancer*, 12(3).

Harada N, et al. (2024) The splicing factor CCAR1 regulates the Fanconi anemia/BRCA pathway. *Molecular cell*, 84(14), 2618.

Winden KD, et al. (2023) Increased degradation of FMRP contributes to neuronal hyperexcitability in tuberous sclerosis complex. *Cell reports*, 42(8), 112838.

Wu JY, et al. (2023) Directed differentiation of human iPSCs into mesenchymal lineages by optogenetic control of TGF- β signaling. *Cell reports*, 42(5), 112509.

Addicks GC, et al. (2022) GCN5 maintains muscle integrity by acetylating YY1 to promote dystrophin expression. *The Journal of cell biology*, 221(2).