Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 14, 2025

pLV-EF1a-IRES-Hygro

RRID:Addgene_85134
Type: Plasmid

Proper Citation

RRID:Addgene_85134

Plasmid Information

URL: http://www.addgene.org/85134

Proper Citation: RRID:Addgene_85134

Bacterial Resistance: Ampicillin

Defining Citation: PMID:27842057

Vector Backbone Description: Backbone Size:9211; Vector Backbone:pLV-EF1a-IRES-Hygro; 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-Hygro

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-Hygro.

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

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 17 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.

Chi LH, et al. (2024) BMP4-Induced Suppression of Breast Cancer Metastasis Is Associated with Inhibition of Cholesterol Biosynthesis. International journal of molecular sciences, 25(17).

Ma H, et al. (2024) The low-density lipoprotein receptor promotes infection of multiple encephalitic alphaviruses. Nature communications, 15(1), 246.

Menschikowski H, et al. (2024) Evaluation of Bispecific T-Cell Engagers Targeting Murine Cytomegalovirus. Viruses, 16(6).

Zhang Y, et al. (2024) Elevating PLK1 overcomes BETi resistance in prostate cancer via triggering BRD4 phosphorylation-dependent degradation in mitosis. Cell reports, 43(7), 114431.

Makhlouf A, et al. (2024) Integrin signaling in pluripotent cells acts as a gatekeeper of mouse germline entry. Science advances, 10(36), eadk2252.

Do BT, et al. (2024) Nucleotide depletion promotes cell fate transitions by inducing DNA replication stress. Developmental cell, 59(16), 2203.

Kim J, et al. (2024) ATAD1 prevents clogging of TOM and damage caused by un-imported mitochondrial proteins. Cell reports, 43(8), 114473.

Ando T, et al. (2024) NECTIN2 is a prognostic biomarker and potential therapeutic target in lung adenocarcinoma. Respiratory investigation, 62(4), 582.

Sieler M, et al. (2024) How Much Do You Fuse? A Comparison of Cell Fusion Assays in a Breast Cancer Model. International journal of molecular sciences, 25(11).

Tran AT, et al. (2024) Cytoplasmic accumulation and plasma membrane association of anillin and Ect2 promote confined migration and invasion. Research square.

Zhang Z, et al. (2023) O-GlcNAc glycosylation orchestrates fate decision and niche function of bone marrow stromal progenitors. eLife, 12.

Rodriguez Gama A, et al. (2023) Protein supersaturation powers innate immune signaling. bioRxiv : the preprint server for biology.

Gunn K, et al. (2023) (R)-2-Hydroxyglutarate Inhibits KDM5 Histone Lysine Demethylases to Drive Transformation in IDH-Mutant Cancers. Cancer discovery, 13(6), 1478.

Matsumoto Y, et al. (2023) Integrin alpha 2 is associated with tumor progression and postoperative recurrence in non-small cell lung cancer. Japanese journal of clinical oncology, 53(1), 63.

Wang YP, et al. (2021) Malic enzyme 2 connects the Krebs cycle intermediate fumarate to mitochondrial biogenesis. Cell metabolism, 33(5), 1027.

Latorre-Muro P, et al. (2021) A cold-stress-inducible PERK/OGT axis controls TOM70-assisted mitochondrial protein import and cristae formation. Cell metabolism, 33(3), 598.