

Resource Summary Report

Generated by [nidm-terms](#) on Aug 16, 2026

pEF1a-IRES-Neo

RRID:Addgene_28019

Type: Plasmid

Proper Citation

RRID:Addgene_28019

Plasmid Information

URL: <http://www.addgene.org/28019>

Proper Citation: RRID:Addgene_28019

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20581084](#)

Vector Backbone Description: Backbone Size:5633; Vector Backbone:pEF1a-Luc-IRES-Neo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pEF1a-IRES-Neo

Record Creation Time: 20220422T222126+0000

Record Last Update: 20260815T081310+0000

Ratings and Alerts

No rating or validation information has been found for pEF1a-IRES-Neo.

No alerts have been found for pEF1a-IRES-Neo.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](https://nidm-terms.org/) .

Wesslowski J, et al. (2025) Quantification of Wnt3a, Wnt5a and Wnt16 Binding to Multiple Frizzleds Under Physiological Conditions Using NanoBit/BRET. *Cells*, 14(11).

Sif Ásgrímsdóttir E, et al. (2024) Generation of a fluorescent hESC reporter line (Kle033-A-1) for the isolation of distinct midbrain progenitor cell types. *Stem cell research*, 81, 103523.

Najar TA, et al. (2024) Microbiota-induced plastic T cells enhance immune control of antigen-sharing tumors. *bioRxiv : the preprint server for biology*.

Zhong R, et al. (2022) Regulation of Ion Channel Function in Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes by Cancer Cell Secretion Through DNA Methylation. *Frontiers in cardiovascular medicine*, 9, 839104.

Zhong R, et al. (2022) Epigenetic mechanism of L-type calcium channel β -subunit downregulation in short QT human induced pluripotent stem cell-derived cardiomyocytes with CACNB2 mutation. *Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology*, 24(12), 2028.

Ikeda M, et al. (2021) Herpes simplex virus 1 infection induces ubiquitination of UBE1a. *The Biochemical journal*, 478(1), 261.

Macrae TA, et al. (2021) The deubiquitinase Usp9x regulates PRC2-mediated chromatin reprogramming during mouse development. *Nature communications*, 12(1), 1865.

Ikeda M, et al. (2020) UBE1a Suppresses Herpes Simplex Virus-1 Replication. *Viruses*, 12(12).

Chaudhari N, et al. (2020) A non-viral genome editing platform for site-specific insertion of large transgenes. *Stem cell research & therapy*, 11(1), 380.

Wesslowski J, et al. (2020) eGFP-tagged Wnt-3a enables functional analysis of Wnt trafficking and signaling and kinetic assessment of Wnt binding to full-length Frizzled. *The Journal of biological chemistry*, 295(26), 8759.

Li J, et al. (2019) Single-Molecule Nanoscopy Elucidates RNA Polymerase II Transcription at Single Genes in Live Cells. *Cell*, 178(2), 491.

Blaha J, et al. (2018) The Monoclonal Anti-CD157 Antibody Clone SY11B5, Used for High Sensitivity Detection of PNH Clones on WBCs, Fails to Detect a Common Polymorphic Variant Encoded by BST-1. *Cytometry. Part B, Clinical cytometry*, 94(4), 652.

MacDonald RJ, et al. (2018) CXCR5 overexpression in HL-60 cells enhances chemotaxis toward CXCL13 without anticipated interaction partners or enhanced MAPK signaling. *In vitro cellular & developmental biology. Animal*, 54(10), 725.

Palma A, et al. (2018) Phosphorylation by CK2 regulates MUS81/EME1 in mitosis and after replication stress. *Nucleic acids research*, 46(10), 5109.