

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

MSCV IRES Luciferase

RRID:Addgene_18760

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/18760>

Proper Citation: RRID:Addgene_18760

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:6300; Vector Backbone:MSCV IRES Luciferase; Vector Types:Mammalian Expression, Retroviral, Luciferase; Bacterial Resistance:Ampicillin

Comments: To create MSCV/IRES/LUC, the MSCV/IRES/GFP plasmid was amplified up and digested with NcoI and Sall to remove the GFP. Next, the pGL3-Promoter vector from Promega was amplified up and digested with NcoI and Sall to remove luciferase and the Poly(A) signal. Once completed, the 1.7kb luciferase was ligated into MSCV/IRES to give the MSCV/IRES/LUC plasmid.

Plasmid Name: MSCV IRES Luciferase

Record Creation Time: 20220422T222042+0000

Record Last Update: 20260725T074403+0000

Ratings and Alerts

No rating or validation information has been found for MSCV IRES Luciferase.

No alerts have been found for MSCV IRES Luciferase.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Takeda M, et al. (2023) Extracellular vesicles secreted from bone metastatic renal cell carcinoma promote angiogenesis and endothelial gap formation in bone marrow in a time-dependent manner in a preclinical mouse model. *Frontiers in oncology*, 13, 1139049.

Rappazzo CG, et al. (2020) An Engineered Antibody with Broad Protective Efficacy in Murine Models of SARS and COVID-19. *bioRxiv : the preprint server for biology*.

Bechill J, et al. (2016) A High-Throughput Cell-Based Screen Identified a 2-[(E)-2-Phenylvinyl]-8-Quinololinol Core Structure That Activates p53. *PloS one*, 11(4), e0154125.

Sayed D, et al. (2015) Acute targeting of general transcription factor IIB restricts cardiac hypertrophy via selective inhibition of gene transcription. *Circulation. Heart failure*, 8(1), 138.

Zhong R, et al. (2014) Bioluminescent imaging of HPV-positive oral tumor growth and its response to image-guided radiotherapy. *Cancer research*, 74(7), 2073.