

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

MSCV-IRES-GFP

RRID:Addgene_20672

Type: Plasmid

Proper Citation

RRID:Addgene_20672

Plasmid Information

URL: <http://www.addgene.org/20672>

Proper Citation: RRID:Addgene_20672

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:6500; Vector Backbone:MSCV; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: This plasmid is essentially pMIG and we suggest ordering it instead of plasmid 9044 as it has better yield in culture and is easier to sequence.

Plasmid Name: MSCV-IRES-GFP

Record Creation Time: 20220422T222052+0000

Record Last Update: 20260801T081009+0000

Ratings and Alerts

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

No alerts have been found for MSCV-IRES-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 87 mentions in open access literature.

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

Lewis AC, et al. (2026) Inhibition of heme biosynthesis triggers cuproptosis in acute myeloid leukemia. *Cell*, 189(1), 215.

Broderick C, et al. (2025) A RAS(ON) Multi-Selective Inhibitor Combination Therapy Triggers Long-term Tumor Control through Senescence-Associated Tumor-Immune Equilibrium in Pancreatic Ductal Adenocarcinoma. *Cancer discovery*, 15(8), 1717.

Wang P, et al. (2025) PPIL2 is a target of the JAK2/STAT5 pathway and promotes myeloproliferation via degradation of p53. *The Journal of clinical investigation*, 135(13).

DeGolier KR, et al. (2025) Antigen experience history directs distinct functional states of CD8+ CAR T cells during the antileukemia response. *Nature immunology*, 26(1), 68.

Zhou L, et al. (2025) Halting hepatocellular carcinoma: Identifying intercellular crosstalk in HBV-driven disease. *Cell reports*, 44(4), 115457.

Maslah N, et al. (2025) JAK2 inhibition mediates clonal selection of RAS pathway mutations in myeloproliferative neoplasms. *Nature communications*, 16(1), 6270.

Jiang Y, et al. (2025) Ligand-induced ubiquitination unleashes LAG3 immune checkpoint function by hindering membrane sequestration of signaling motifs. *Cell*, 188(9), 2354.

Hodel AW, et al. (2025) Acidic pH can attenuate immune killing through inactivation of perforin. *EMBO reports*, 26(4), 929.

Cohen JA, et al. (2025) KMT2D coordinates antiviral CD4+ T cell responses through opposing effects on T follicular helper and cytotoxic gene expression. *Cell reports*, 44(6), 115775.

Jardim C, et al. (2025) Sustained Macrophage Reprogramming Is Required for CD8+ T cell-Dependent Long-Term Tumor Eradication. *Cancer immunology research*, 13(8), 1207.

Devlin JR, et al. (2025) A CDK11-dependent RNA polymerase II pause-checkpoint precedes CDK9-mediated transition to transcriptional elongation. *Molecular cell*, 85(17), 3256.

Muratcioglu S, et al. (2025) Autophosphorylation of oncoprotein TEL-ABL in myeloid and lymphoid cells confers resistance to the allosteric ABL inhibitor asciminib. *Science signaling*, 18(895), eadt5931.

Ma F, et al. (2024) Three-dimensional chromatin reorganization regulates B cell development during ageing. *Nature cell biology*, 26(6), 991.

Lindenhofer D, et al. (2024) Cerebral organoids display dynamic clonal growth and tunable tissue replenishment. *Nature cell biology*, 26(5), 710.

Ramos S, et al. (2024) NINJ1 induces plasma membrane rupture and release of damage-associated molecular pattern molecules during ferroptosis. *The EMBO journal*, 43(7), 1164.

Coquand L, et al. (2024) A cell fate decision map reveals abundant direct neurogenesis bypassing intermediate progenitors in the human developing neocortex. *Nature cell biology*, 26(5), 698.

Pritchard JE, et al. (2024) Non-canonical Hedgehog signaling mediates profibrotic hematopoiesis-stroma crosstalk in myeloproliferative neoplasms. *Cell reports*, 43(1), 113608.

Seyedsadr M, et al. (2024) A pathologically expanded, clonal lineage of IL-21-producing CD4⁺ T cells drives inflammatory neuropathy. *The Journal of clinical investigation*, 134(15).

Seyedsadr M, et al. (2024) A pathologically expanded, clonal lineage of IL-21 producing CD4⁺ T cells drives Inflammatory neuropathy. *bioRxiv : the preprint server for biology*.

Russell J, et al. (2024) Lrp10 suppresses IL7R limiting CD8 T cell homeostatic expansion and anti-tumor immunity. *EMBO reports*, 25(8), 3601.