

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pMSCV-IRES-mCherry FP

RRID:Addgene_52114

Type: Plasmid

Proper Citation

RRID:Addgene_52114

Plasmid Information

URL: <http://www.addgene.org/52114>

Proper Citation: RRID:Addgene_52114

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:MSCV IRES GFP; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: The FP can be removed with Nco1-Not1 digest. The Multicloning site reads EcoR1-BglII-SnaB1-BamH1-Mfe1-Xho1. These are unique. The Nhe1 site is not unique.

Plasmid Name: pMSCV-IRES-mCherry FP

Record Creation Time: 20220422T222306+0000

Record Last Update: 20260815T081620+0000

Ratings and Alerts

No rating or validation information has been found for pMSCV-IRES-mCherry FP.

No alerts have been found for pMSCV-IRES-mCherry FP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Scharping NE, et al. (2026) Proteostasis sustains T cell differentiation potential and tumor-infiltrating lymphocyte function. *Cell*, 189(10), 2857.

Léger J, et al. (2025) The transcription factor NFIL3 drives innate lymphoid cell specification from lymphoid progenitors. *Immunity*, 58(11), 2685.

Zheng Y, et al. (2025) An engineered viral protein activates STAT5 to prevent T cell suppression. *Science immunology*, 10(107), eadn9633.

Gibaut QMR, et al. (2025) FUBP3 enhances HIV-1 transcriptional activity and regulates immune response pathways in T cells. *Molecular therapy. Nucleic acids*, 36(2), 102525.

Luo S, et al. (2025) ATLAS-seq: a microfluidic single-cell TCR screen for antigen-reactive TCRs. *Nature communications*, 16(1), 216.

Sharma S, et al. (2025) Taurine from tumour niche drives glycolysis to promote leukaemogenesis. *Nature*, 644(8075), 263.

Shao P, et al. (2025) TRAF3 is critical for initial T follicular helper cell specification via coordination of the IL-6R/IL-2R-BCL6 signaling nexus. *Science immunology*, 10(104), eadr0517.

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

Akitsu A, et al. (2024) Parsing digital or analog TCR performance through piconewton forces. *Science advances*, 10(33), eado4313.

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).

Yin M, et al. (2024) Tracking the role of Aire in immune tolerance to the eye with a TCR transgenic mouse model. *Proceedings of the National Academy of Sciences of the United States of America*, 121(5), e2311487121.

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*.

Lancho O, et al. (2023) A Therapeutically Targetable NOTCH1-SIRT1-KAT7 Axis in T-cell Leukemia. *Blood cancer discovery*, 4(1), 12.

Liu J, et al. (2023) CTCF mediates CD8+ effector differentiation through dynamic redistribution and genomic reorganization. *The Journal of experimental medicine*, 220(4).

Acosta J, et al. (2023) p53 restoration in small cell lung cancer identifies a latent cyclophilin-dependent necrosis mechanism. *Nature communications*, 14(1), 4403.

Vignali PDA, et al. (2023) Hypoxia drives CD39-dependent suppressor function in exhausted T cells to limit antitumor immunity. *Nature immunology*, 24(2), 267.

Nguyen TTT, et al. (2023) Stimulation of ectopically expressed muscarinic receptors induces IFN- γ but suppresses IL-2 production by inhibiting activation of pAKT pathways in primary T cells. *Proceedings of the National Academy of Sciences of the United States of America*, 120(25), e2300987120.

Bayerl F, et al. (2023) Tumor-derived prostaglandin E2 programs cDC1 dysfunction to impair intratumoral orchestration of anti-cancer T cell responses. *Immunity*, 56(6), 1341.

Xiong E, et al. (2022) A CRISPR/Cas9-mediated screen identifies determinants of early plasma cell differentiation. *Frontiers in immunology*, 13, 1083119.

Drube J, et al. (2022) GPCR kinase knockout cells reveal the impact of individual GRKs on arrestin binding and GPCR regulation. *Nature communications*, 13(1), 540.