

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

pMXs-mRFP1

RRID:Addgene_21315

Type: Plasmid

Proper Citation

RRID:Addgene_21315

Plasmid Information

URL: <http://www.addgene.org/21315>

Proper Citation: RRID:Addgene_21315

Insert Name: monomeric Red Fluorescence Protein 1

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19404254](#)

Vector Backbone Description: Backbone Size:4582; Vector Backbone:pMXs MoMLV-based retroviral vector; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: mRFP1 (maximum Excitation wave length, 584 nm; maximum Emission wave length, 607 nm). pMXs MoMLV-based retroviral vector from Dr. Toshio Kitamura (Institute of Medical Science, University of Tokyo).

Plasmid Name: pMXs-mRFP1

Record Creation Time: 20220422T222055+0000

Record Last Update: 20260808T081408+0000

Ratings and Alerts

No rating or validation information has been found for pMXs-mRFP1.

No alerts have been found for pMXs-mRFP1.

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](#) .

Borisova E, et al. (2022) Structurally-discovered KLF4 variants accelerate and stabilize reprogramming to pluripotency. *iScience*, 25(1), 103525.

Bharathan SP, et al. (2017) Systematic evaluation of markers used for the identification of human induced pluripotent stem cells. *Biology open*, 6(1), 100.

Manian KV, et al. (2015) Understanding the Molecular Basis of Heterogeneity in Induced Pluripotent Stem Cells. *Cellular reprogramming*, 17(6), 427.

Koh S, et al. (2015) Generation of Induced Pluripotent Stem Cells (iPSCs) from Adult Canine Fibroblasts. *Methods in molecular biology* (Clifton, N.J.), 1330, 69.

Hotta A, et al. (2009) EOS lentiviral vector selection system for human induced pluripotent stem cells. *Nature protocols*, 4(12), 1828.