

Resource Summary Report

Generated by [NIF](#) on Aug 12, 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.