# Resource Summary Report

Generated by RRID on Aug 30, 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:** 20260829T080201+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 RRID .

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.