

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

pMXs-DsRed Express

RRID:Addgene_22724

Type: Plasmid

Proper Citation

RRID:Addgene_22724

Plasmid Information

URL: <http://www.addgene.org/22724>

Proper Citation: RRID:Addgene_22724

Insert Name: a variant of Discosoma sp. red fluorescent protein

Organism: mushroom

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19668191](#)

Vector Backbone Description: Backbone Marker:Dr. Toshio Kitamura of the University of Tokyo; Backbone Size:4800; Vector Backbone:pMXs; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMXs-DsRed Express

Relevant Mutation: N/A

Record Creation Time: 20220422T222101+0000

Record Last Update: 20260725T074435+0000

Ratings and Alerts

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

No alerts have been found for pMXs-DsRed Express.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Khodeer S, et al. (2022) ALKBH5 regulates somatic cell reprogramming in a phase-specific manner. *Journal of cell science*, 135(11).

Yamakawa K, et al. (2022) Increased expression of SPRR1A is associated with a poor prognosis in pancreatic ductal adenocarcinoma. *PloS one*, 17(5), e0266620.

Son B, et al. (2022) Enhanced efficiency of generating human-induced pluripotent stem cells using Lin28-30Kc19 fusion protein. *Frontiers in bioengineering and biotechnology*, 10, 911614.

Setthawong P, et al. (2021) Molecular signature and colony morphology affect in vitro pluripotency of porcine induced pluripotent stem cells. *Reproduction in domestic animals = Zuchthygiene*, 56(8), 1104.

Mellis IA, et al. (2021) Responsiveness to perturbations is a hallmark of transcription factors that maintain cell identity in vitro. *Cell systems*, 12(9), 885.

Cota P, et al. (2020) Cytokine Directed Chondroblast Trans-Differentiation: JAK Inhibition Facilitates Direct Reprogramming of Fibroblasts to Chondroblasts. *Cells*, 9(1).

Sauls K, et al. (2018) Initiating Events in Direct Cardiomyocyte Reprogramming. *Cell reports*, 22(7), 1913.

Takaya T, et al. (2017) Autonomous xenogenic cell fusion of murine and chick skeletal muscle myoblasts. *Animal science journal = Nihon chikusan Gakkaiho*, 88(11), 1880.

Liu Z, et al. (2016) Re-patterning of H3K27me3, H3K4me3 and DNA methylation during fibroblast conversion into induced cardiomyocytes. *Stem cell research*, 16(2), 507.

Zhou H, et al. (2015) MicroRNA-223 Regulates the Differentiation and Function of Intestinal Dendritic Cells and Macrophages by Targeting C/EBP β . *Cell reports*, 13(6), 1149.

Boyd NL, et al. (2013) Dissecting the role of human embryonic stem cell-derived mesenchymal cells in human umbilical vein endothelial cell network stabilization in three-dimensional environments. *Tissue engineering. Part A*, 19(1-2), 211.

Rodriguez R, et al. (2012) Modeling sarcomagenesis using multipotent mesenchymal stem cells. *Cell research*, 22(1), 62.

Imamura M, et al. (2012) Derivation of induced pluripotent stem cells by retroviral gene transduction in mammalian species. *Methods in molecular biology (Clifton, N.J.)*, 925, 21.

Boyd NL, et al. (2011) Microvascular mural cell functionality of human embryonic stem cell-derived mesenchymal cells. *Tissue engineering. Part A*, 17(11-12), 1537.