

# Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

## pMx-puro-MGT

RRID:Addgene\_111809

Type: Plasmid

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### Proper Citation

RRID:Addgene\_111809

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### Plasmid Information

**URL:** <http://www.addgene.org/111809>

**Proper Citation:** RRID:Addgene\_111809

**Insert Name:** Mef2c, Tbx5 and Gata4

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:25416133](#)

**Vector Backbone Description:** Backbone Marker:Cell biolabs; Backbone Size:5900; Vector Backbone:pMx-puromycin; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

**Comments:** Please note that there are some discrepancies between Addgene's quality control sequence and the depositor's sequence. The depositor noted that these discrepancies do NOT affect plasmid function.

**Plasmid Name:** pMx-puro-MGT

**Record Creation Time:** 20220422T221544+0000

**Record Last Update:** 20260905T074425+0000

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### Ratings and Alerts

No rating or validation information has been found for pMx-puro-MGT.

No alerts have been found for pMx-puro-MGT.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Spurlock BM, et al. (2025) Mitochondrial fusion and cristae reorganization facilitate acquisition of cardiomyocyte identity during reprogramming of murine fibroblasts. Cell reports, 44(3), 115377.

Li Z, et al. (2022) In vitro Assessment of Cardiac Reprogramming by Measuring Cardiac Specific Calcium Flux with a GCaMP3 Reporter. Journal of visualized experiments : JoVE(180).

Xu J, et al. (2021) In Vitro Conversion of Murine Fibroblasts into Cardiomyocyte-Like Cells. Methods in molecular biology (Clifton, N.J.), 2158, 155.

Lee S, et al. (2020) In vivo combinatory gene therapy synergistically promotes cardiac function and vascular regeneration following myocardial infarction. Journal of tissue engineering, 11, 2041731420953413.