# Resource Summary Report

Generated by NIF on Sep 4, 2026

## tetO-MEF2C

RRID:Addgene_46031
Type: Plasmid

### Proper Citation

RRID:Addgene_46031

### Plasmid Information

**URL:** http://www.addgene.org/46031

**Proper Citation:** RRID:Addgene_46031

**Insert Name:** MEF2C

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:23591016

**Vector Backbone Description:** Vector Backbone:tetO-Gateway; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

**Plasmid Name:** tetO-MEF2C

**Record Creation Time:** 20220422T222237+0000

**Record Last Update:** 20260902T045525+0000

### Ratings and Alerts

No rating or validation information has been found for tetO-MEF2C.

No alerts have been found for tetO-MEF2C.

### Data and Source Information

**Source:** Addgene

### Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF .

Tao Y, et al. (2023) Robust small molecule-aided cardiac reprogramming systems selective to cardiac fibroblasts. iScience, 26(12), 108466.

Haridhasapavalan KK, et al. (2022) Generation of a recombinant version of a biologically active cell-permeant human HAND2 transcription factor from E. coli. Scientific reports, 12(1), 16129.

Razzaq SS, et al. (2022) Overexpression of GATA binding protein 4 and myocyte enhancer factor 2C induces differentiation of mesenchymal stem cells into cardiac-like cells. World journal of stem cells, 14(9), 700.

Ifkovits JL, et al. (2014) Inhibition of TGF?? signaling increases direct conversion of fibroblasts to induced cardiomyocytes. PloS one, 9(2), e89678.