Resource Summary Report

Generated by RRID on Aug 18, 2026

tetO-GATA4

RRID:Addgene_46030
Type: Plasmid

Proper Citation

RRID:Addgene_46030

Plasmid Information

URL: http://www.addgene.org/46030

Proper Citation: RRID:Addgene_46030

Insert Name: GATA4

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

Comments: Please note that Addgene's sequencing identified R43Q, G50S and N197S mutations in the GATA4 insert in this plasmid when compared to GenBank reference sequence NP_002043.2. These difference were present in the original GATA4 sample and the plasmid functions as described in the associated publication.

Plasmid Name: tetO-GATA4

Relevant Mutation: R43Q, G50S and N197S

Record Creation Time: 20220422T222237+0000

Record Last Update: 20260815T081528+0000

Ratings and Alerts

No rating or validation information has been found for tetO-GATA4.

No alerts have been found for tetO-GATA4.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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

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.

Song SY, et al. (2020) Prevascularized, multiple-layered cell sheets of direct cardiac reprogrammed cells for cardiac repair. Biomaterials science, 8(16), 4508.

Song SY, et al. (2019) Cardiac-mimetic cell-culture system for direct cardiac reprogramming. Theranostics, 9(23), 6734.

Kim AR, et al. (2017) Angiotensin-converting enzyme Ance is cooperatively regulated by Mad and Pannier in Drosophila imaginal discs. Scientific reports, 7(1), 13174.

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