

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

pJG/ Inducible ALPHA MHC

RRID:Addgene_55792

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/55792>

Proper Citation: RRID:Addgene_55792

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12623879](#)

Vector Backbone Description: Vector Backbone:pBluescript II SK+; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The distance between the two Not1 sites is ~6kb Clone into the Sal1 site (or Sal/Hind3 site). Release the pBluescript backbone with Not1 for transgenics. This construct consists of a full-length ??-MHC promoter in which 3 GATA sites and 2 TREs were ablated. Other cis-acting regions important for cardiac-specific expression were left intact. To make the attenuated promoter Tet responsive, 7 repeats of the TetO sequences were inserted adjacent to the TATA box. The human growth hormone polyadenylation signal was placed downstream from the unique cloning site. Any gene of interest inserted into this Tet-responsive promoter construct will be inducible.

Plasmid Name: pJG/ Inducible ALPHA MHC

Record Creation Time: 20220422T222326+0000

Record Last Update: 20260829T080723+0000

Ratings and Alerts

No rating or validation information has been found for pJG/ Inducible ALPHA MHC.

No alerts have been found for pJG/ Inducible ALPHA MHC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.