

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pAAV-G12-mTGFB1

RRID:Addgene_219553

Type: Plasmid

Proper Citation

RRID:Addgene_219553

Plasmid Information

URL: <http://www.addgene.org/219553>

Proper Citation: RRID:Addgene_219553

Insert Name: mTGFB1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:38647395](#)

Vector Backbone Description: Backbone Marker:GeneScript; Backbone Size:3647; Vector Backbone:pG12; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: To make pAAV-G12-mTGFB1, mTGFB1 was amplified from AAV-hRedOpsin-TGFB1, a gift from Connie Cepko (Addgene plasmid #164427). Following amplification, mTGFB1 was swapped with AkaLuc in pAAV-G12-AkaLuc using Agel and EcoRI restriction enzymes.

Plasmid Name: pAAV-G12-mTGFB1

Record Creation Time: 20240801T080700+0000

Record Last Update: 20260815T083001+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-G12-mTGFB1.

No alerts have been found for pAAV-G12-mTGFB1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.