

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

pAAV-G12-AkaLuc-P2A-Proinsulin

RRID:Addgene_241776

Type: Plasmid

Proper Citation

RRID:Addgene_241776

Plasmid Information

URL: <http://www.addgene.org/241776>

Proper Citation: RRID:Addgene_241776

Insert Name: AkaLuc-P2A-Proinsulin

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:40659617](#)

Vector Backbone Description: Backbone Marker:GeneScript; Backbone Size:3644; Vector Backbone:pAAV-G12; Vector Types:AAV; Bacterial Resistance:Ampicillin

Comments: This plasmid enables expression of the luciferase reporter AkaLuc and rodent proinsulin, both driven by the G12 promoter. The rodent proinsulin coding sequence was synthesized based on the sequence published in: 10.1016/j.ymthe.2021.09.004. Akaluc GenBank accession number: LC320664.1.

Plasmid Name: pAAV-G12-AkaLuc-P2A-Proinsulin

Record Creation Time: 20250924T060610+0000

Record Last Update: 20260912T094450+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-G12-AkaLuc-P2A-Proinsulin.

No alerts have been found for pAAV-G12-AkaLuc-P2A-Proinsulin.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.