# Resource Summary Report

Generated by RRID on Aug 25, 2026

## pAAV-hSyn-Gluc-RMA-IRES-EGFP

RRID:Addgene_189629
Type: Plasmid

### Proper Citation

RRID:Addgene_189629

### Plasmid Information

**URL:** http://www.addgene.org/189629

**Proper Citation:** RRID:Addgene_189629

**Insert Name:** Gaussia luciferase fused to Fc

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:38200117

**Vector Backbone Description:** Backbone Size:4569; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV, Luciferase; Bacterial Resistance:Ampicillin

**Comments:** Gluc is derived from AAV-hSyn-GlucM23-iChloC-EYFP (Addgene #114102). IgG1 is derived from SI4-Jamc.2 (Addgene #28216). IRES-EGFP is derived from pAAV.CMV.Luc.IRES.EGFP.SV40 (Addgene #105533). Please visit https://www.biorxiv.org/content/10.1101/2022.07.17.500352v1 for BioRxiv preprint

**Plasmid Name:** pAAV-hSyn-Gluc-RMA-IRES-EGFP

**Record Creation Time:** 20221105T080250+0000

**Record Last Update:** 20260815T082414+0000

### Ratings and Alerts

No rating or validation information has been found for pAAV-hSyn-Gluc-RMA-IRES-EGFP.

No alerts have been found for pAAV-hSyn-Gluc-RMA-IRES-EGFP.

### Data and Source Information

**Source:** Addgene

## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Lee S, et al. (2026) Synthetic serum markers enable noninvasive monitoring of gene expression in primate brains. Neuron, 114(10), 1751.

Lu J, et al. (2026) Monitoring Gene Expression in Retina with synthetic serum markers. bioRxiv : the preprint server for biology.

Liang SY, et al. (2025) In Situ synNotch-Programmed Astrocytes Sense and Attenuate Neuronal Apoptosis. International journal of molecular sciences, 26(9).