

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pAAV-hSyn-DIO-Gluc-RMA-IRES-EGFP

RRID:Addgene_189630

Type: Plasmid

Proper Citation

RRID:Addgene_189630

Plasmid Information

URL: <http://www.addgene.org/189630>

Proper Citation: RRID:Addgene_189630

Insert Name: Gaussia luciferase fused to Fc

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:38200117](#)

Vector Backbone Description: Backbone Size:4813; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV, Cre/Lox, 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). DIO (double-floxed inverted orientation) backbone is derived from pAAV-hSyn-DIO-EGFP (Addgene #50457). Please visit <https://www.biorxiv.org/content/10.1101/2022.07.17.500352v1> for BioRxiv preprint

Plasmid Name: pAAV-hSyn-DIO-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-DIO-Gluc-RMA-IRES-EGFP.

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 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.