

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

pAAV-CAG-NIR-GECO2G

RRID:Addgene_159605

Type: Plasmid

Proper Citation

RRID:Addgene_159605

Plasmid Information

URL: <http://www.addgene.org/159605>

Proper Citation: RRID:Addgene_159605

Insert Name: NIR-GECO2G

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33232322](#)

Vector Backbone Description: Backbone Size:4732; Vector Backbone:pAAV-CAG;
Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2020.04.08.032433v2>
for bioRxiv preprint.

Plasmid Name: pAAV-CAG-NIR-GECO2G

Record Creation Time: 20220422T221903+0000

Record Last Update: 20260815T080829+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-CAG-NIR-GECO2G.

No alerts have been found for pAAV-CAG-NIR-GECO2G.

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 [dkNET](#) .

Matlashov ME, et al. (2022) Design and Initial Characterization of a Small Near-Infrared Fluorescent Calcium Indicator. *Frontiers in cell and developmental biology*, 10, 880107.

Qian Y, et al. (2020) Improved genetically encoded near-infrared fluorescent calcium ion indicators for in vivo imaging. *PLoS biology*, 18(11), e3000965.