

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

pAAV-EF1a-DIO-mGreenLantern

RRID:Addgene_164468

Type: Plasmid

Proper Citation

RRID:Addgene_164468

Plasmid Information

URL: <http://www.addgene.org/164468>

Proper Citation: RRID:Addgene_164468

Insert Name: mGreenLantern

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33208539](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pAAV;
Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Cre-inducible expression (double floxed inverted ORF)

Plasmid Name: pAAV-EF1a-DIO-mGreenLantern

Relevant Mutation: Clover-
F64L/S72A/E124V/N149K/I167T/S175G/A206K/L221K/F223R/G232D

Record Creation Time: 20220422T221929+0000

Record Last Update: 20260808T081133+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-EF1a-DIO-mGreenLantern.

No alerts have been found for pAAV-EF1a-DIO-mGreenLantern.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Bernal-Garcia S, et al. (2025) A deep learning pipeline for accurate and automated restoration, segmentation, and quantification of dendritic spines. Cell reports methods, 5(10), 101179.