Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 24, 2025

pAAV-Syn-CoChR-GFP

RRID:Addgene_59070
Type: Plasmid

Proper Citation

RRID:Addgene_59070

Plasmid Information

URL: http://www.addgene.org/59070

Proper Citation: RRID:Addgene_59070

Insert Name: CoChR-GFP

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: PMID:24509633

Vector Backbone Description: Backbone Size:4368; Vector Backbone:AAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Plasmid is completely sequenced by the depositing lab except for part of the 3' ITR. Addgene QC NGS analysis identifies ambiguous bases following the 3' ITR. It is unknown what, if any, impact this may have on plasmid function.

Plasmid Name: pAAV-Syn-CoChR-GFP

Record Creation Time: 20220422T222341+0000

Record Last Update: 20231018T080626+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Syn-CoChR-GFP.

No alerts have been found for pAAV-Syn-CoChR-GFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Chen K, et al. (2024) An Innovative Mitochondrial-targeted Gene Therapy for Cancer Treatment. bioRxiv : the preprint server for biology.

Forli A, et al. (2021) Optogenetic strategies for high-efficiency all-optical interrogation using blue-light-sensitive opsins. eLife, 10.

Antinucci P, et al. (2020) A calibrated optogenetic toolbox of stable zebrafish opsin lines. eLife, 9.

Antinucci P, et al. (2019) Pretectal neurons control hunting behaviour. eLife, 8.