

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 18, 2025

pAAV-Syn-Chronos-GFP

RRID:Addgene_59170

Type: Plasmid

Proper Citation

RRID:Addgene_59170

Plasmid Information

URL: <http://www.addgene.org/59170>

Proper Citation: RRID:Addgene_59170

Insert Name: Chronos-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 5' ITR.

Plasmid Name: pAAV-Syn-Chronos-GFP

Record Creation Time: 20220422T222341+0000

Record Last Update: 20230915T081211+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Sitzia G, et al. (2024) Chronic alcohol induces subcircuit-specific striatonigral plasticity enhancing the sensorimotor basal ganglia role in action execution. Science advances, 10(26), eadm6951.

Fetterly TL, et al. (2024) Effects of junk-food on food-motivated behavior and nucleus accumbens glutamate plasticity; insights into the mechanism of calcium-permeable AMPA receptor recruitment. Neuropharmacology, 242, 109772.

Ollivier M, et al. (2024) Crym-positive striatal astrocytes gate perseverative behaviour. Nature, 627(8003), 358.

Ritter A, et al. (2024) Prefrontal control of superior colliculus modulates innate escape behavior following adversity. Nature communications, 15(1), 2158.

Koga K, et al. (2024) Anterior cingulate cross-hemispheric inhibition via the claustrum resolves painful sensory conflict. Communications biology, 7(1), 330.

Fetterly TL, et al. (2023) Effects of junk-food on food-motivated behavior and NAc glutamate plasticity; insights into the mechanism of NAc calcium-permeable AMPA receptor recruitment. bioRxiv : the preprint server for biology.

Niu M, et al. (2022) Claustrum mediates bidirectional and reversible control of stress-induced anxiety responses. Science advances, 8(11), eabi6375.

Bauer J, et al. (2021) Limited functional convergence of eye-specific inputs in the retinogeniculate pathway of the mouse. Neuron, 109(15), 2457.

Goyer D, et al. (2019) A novel class of inferior colliculus principal neurons labeled in vasoactive intestinal peptide-Cre mice. eLife, 8.