

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pAAV-hSyn-DIO {hCAR}off-{hM4Di-mCherry}on-W3SL

RRID:Addgene_111397

Type: Plasmid

Proper Citation

RRID:Addgene_111397

Plasmid Information

URL: <http://www.addgene.org/111397>

Proper Citation: RRID:Addgene_111397

Insert Name: hCAR

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29879392](https://pubmed.ncbi.nlm.nih.gov/29879392/)

Vector Backbone Description: Backbone Size:4117; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-hSyn-DIO {hCAR}off-{hM4Di-mCherry}on-W3SL

Record Creation Time: 20220422T221542+0000

Record Last Update: 20260808T080438+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hSyn-DIO {hCAR}off-{hM4Di-mCherry}on-W3SL.

No alerts have been found for pAAV-hSyn-DIO {hCAR}off-{hM4Di-mCherry}on-W3SL.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Su A, et al. (2025) AgRP mediated calcium Inhibition of feeding via the vagal afferent nerve-brain pathway. Cell & bioscience, 15(1), 63.

Mora S, et al. (2024) Stabilization of V1 interneuron-motor neuron connectivity ameliorates motor phenotype in a mouse model of ALS. Nature communications, 15(1), 4867.

Andraka K, et al. (2021) Distinct circuits in rat central amygdala for defensive behaviors evoked by socially signaled imminent versus remote danger. Current biology : CB, 31(11), 2347.