

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 28, 2025

pAAV-hSyn-fDIO-hM3D(Gq)-mCherry-WPREpA

RRID:Addgene_154868

Type: Plasmid

Proper Citation

RRID:Addgene_154868

Plasmid Information

URL: <http://www.addgene.org/154868>

Proper Citation: RRID:Addgene_154868

Insert Name: hM3D(Gq)-mCherry

Bacterial Resistance: Ampicillin

Defining Citation:

Vector Backbone Description: Backbone Marker:Gether lab - modified from Addgene plasmid #55641; Backbone Size:4824; Vector Backbone:pAAV-hSyn-Flp-WPRE; Vector Types:Mammalian Expression, AAV, Other, FLP-FRT; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-hSyn-fDIO-hM3D(Gq)-mCherry-WPREpA

Record Creation Time: 20220422T221848+0000

Record Last Update: 20220821T080140+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hSyn-fDIO-hM3D(Gq)-mCherry-WPREpA.

No alerts have been found for pAAV-hSyn-fDIO-hM3D(Gq)-mCherry-WPREpA.

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](#).

Lu Y, et al. (2024) Dorsolateral septum GLP-1R neurons regulate feeding via lateral hypothalamic projections. Molecular metabolism, 85, 101960.

Wang L, et al. (2024) State-dependent central synaptic regulation by GLP-1 is essential for energy homeostasis. Research square.

Martinez de Morentin PB, et al. (2024) A brainstem to hypothalamic arcuate nucleus GABAergic circuit drives feeding. Current biology : CB.

Antonoudiou P, et al. (2024) Experience-dependent information routing through the basolateral amygdala shapes behavioral outcomes. Cell reports, 43(7), 114489.