

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

JGE301_pAAV-hSyn-DIO-Flag-hM3Dq-V2(2D)-ABlcs-mCherry

RRID:Addgene_107246

Type: Plasmid

Proper Citation

RRID:Addgene_107246

Plasmid Information

URL: <http://www.addgene.org/107246>

Proper Citation: RRID:Addgene_107246

Insert Name: hM3DREADD

Organism: Synthetic

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:6597; Vector Backbone:AAV2; Vector Types:AAV; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/early/2018/01/22/251769> for bioRxiv preprint. These plasmids were generated as part of the Illuminating the Druggable Genome (IDG) program sponsored by the NIH Common Fund. The goal of this program is to identify, gather, and distribute information and resources for proteins that currently are not well-studied yet belong to commonly drug-targeted protein families: protein kinases, non-olfactory G-protein coupled receptors (GPCRs), and ion channels. The IDG program is designed to develop fundamental research tools for understudied proteins, elucidate their function, and disseminate the IDG-related resources and data to the greater scientific community.

Plasmid Name: JGE301_pAAV-hSyn-DIO-Flag-hM3Dq-V2(2D)-ABlcs-mCherry

Relevant Mutation: T to D and S to D mutations in V2-tail

Record Creation Time: 20220422T221520+0000

Record Last Update: 20260725T073430+0000

Ratings and Alerts

No rating or validation information has been found for JGE301_pAAV-hSyn-DIO-Flag-hM3Dq-V2(2D)-ABlcs-mCherry.

No alerts have been found for JGE301_pAAV-hSyn-DIO-Flag-hM3Dq-V2(2D)-ABlcs-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.