

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

pZac2.1 GfaABC1D hM4D mCherry SV40

RRID:Addgene_92286

Type: Plasmid

Proper Citation

RRID:Addgene_92286

Plasmid Information

URL: <http://www.addgene.org/92286>

Proper Citation: RRID:Addgene_92286

Insert Name: hM4D

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28712653](#)

Vector Backbone Description: Vector Backbone:pZac2.1; Vector Types:AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pZac2.1 GfaABC1D hM4D mCherry SV40

Record Creation Time: 20220422T222624+0000

Record Last Update: 20260902T050526+0000

Ratings and Alerts

No rating or validation information has been found for pZac2.1 GfaABC1D hM4D mCherry SV40 .

No alerts have been found for pZac2.1 GfaABC1D hM4D mCherry SV40 .

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 [RRID](#) .

Dewa KI, et al. (2025) The astrocytic ensemble acts as a multiday trace to stabilize memory. *Nature*, 648(8092), 146.

Nagai J, et al. (2021) Specific and behaviorally consequential astrocyte Gq GPCR signaling attenuation in vivo with i?ARK. *Neuron*, 109(14), 2256.

Yu X, et al. (2020) Context-Specific Striatal Astrocyte Molecular Responses Are Phenotypically Exploitable. *Neuron*, 108(6), 1146.

Nagai J, et al. (2019) Hyperactivity with Disrupted Attention by Activation of an Astrocyte Synaptogenic Cue. *Cell*, 177(5), 1280.