

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 5, 2026

pAAV-Ef1a-DIO-Synaptophysin-GCaMP6s

RRID:Addgene_105715

Type: Plasmid

Proper Citation

RRID:Addgene_105715

Plasmid Information

URL: <http://www.addgene.org/105715>

Proper Citation: RRID:Addgene_105715

Insert Name: synaptophysin-GCaMP6s

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Karl Deisseroth; Backbone Size:6109; Vector Backbone:pAAV-EF1a-Flpo; Vector Types:Mammalian Expression, AAV, Cre/Lox; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-Ef1a-DIO-Synaptophysin-GCaMP6s

Record Creation Time: 20220422T221513+0000

Record Last Update: 20260905T074329+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Ef1a-DIO-Synaptophysin-GCaMP6s.

No alerts have been found for pAAV-Ef1a-DIO-Synaptophysin-GCaMP6s.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Dias RF, et al. (2024) Visual experience reduces the spatial redundancy between cortical feedback inputs and primary visual cortex neurons. *Neuron*, 112(19), 3329.

Jiang X, et al. (2024) Ring-shaped odor coding in the antennal lobe of migratory locusts. *Cell*, 187(15), 3973.