

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 3, 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:** 20260902T041041+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.