

# Resource Summary Report

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

## pAAV-Ef1a-fDIO-GCaMP6f

RRID:Addgene\_128315

Type: Plasmid

### Proper Citation

RRID:Addgene\_128315

### Plasmid Information

**URL:** <http://www.addgene.org/128315>

**Proper Citation:** RRID:Addgene\_128315

**Insert Name:** GCaMP6f

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:35984878](#)

**Vector Backbone Description:** Backbone Marker:Addgene # 55641; Backbone Size:6323; Vector Backbone:pAAV-Ef1a-fDIO; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

**Plasmid Name:** pAAV-Ef1a-fDIO-GCaMP6f

**Record Creation Time:** 20220422T221714+0000

**Record Last Update:** 20260725T073749+0000

### Ratings and Alerts

No rating or validation information has been found for pAAV-Ef1a-fDIO-GCaMP6f.

No alerts have been found for pAAV-Ef1a-fDIO-GCaMP6f.

### 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 [NIF](#) .

Kim JI, et al. (2025) Human assembloid model of the ascending neural sensory pathway. Nature, 642(8066), 143.

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

Schuette PJ, et al. (2022) GABAergic CA1 neurons are more stable following context changes than glutamatergic cells. Scientific reports, 12(1), 10310.

Ren C, et al. (2022) Global and subtype-specific modulation of cortical inhibitory neurons regulated by acetylcholine during motor learning. Neuron, 110(14), 2334.