

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 5, 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: 20260902T041700+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 [SPARC SAWG](#) .

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.