

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pAAV-hSynapsin1-GCaMP6s-P2A-mKate2

RRID:Addgene_112006

Type: Plasmid

Proper Citation

RRID:Addgene_112006

Plasmid Information

URL: <http://www.addgene.org/112006>

Proper Citation: RRID:Addgene_112006

Insert Name: GCaMP6s-P2A-mKate2

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30127424](#)

Vector Backbone Description: Backbone Size:4603; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Addgene NGS results found minor differences in the second ITR compared to the depositor-provided sequence. The depositing lab has confirmed that this does not impair AAV production

Plasmid Name: pAAV-hSynapsin1-GCaMP6s-P2A-mKate2

Record Creation Time: 20220422T221546+0000

Record Last Update: 20260808T080444+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hSynapsin1-GCaMP6s-P2A-mKate2.

No alerts have been found for pAAV-hSynapsin1-GCaMP6s-P2A-mKate2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Porniece Kumar M, et al. (2021) Insulin signalling in tanycytes gates hypothalamic insulin uptake and regulation of AgRP neuron activity. Nature metabolism, 3(12), 1662.