

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

paavCAG-JxON-pre-mGRASP-mCerulean

RRID:Addgene_51903

Type: Plasmid

Proper Citation

RRID:Addgene_51903

Plasmid Information

URL: <http://www.addgene.org/51903>

Proper Citation: RRID:Addgene_51903

Insert Name: presynaptic mGRASP

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24412418](#)

Vector Backbone Description: Backbone Size:5000; Vector Backbone:paavCAG-Jx; Vector Types:AAV, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Please note that there may be a few sequence discrepancies between Addgene's NGS results for this plasmid and the reference map provided by the depositing lab. These changes are in the backbone region outside of the viral cassette and should not affect function.

Plasmid Name: paavCAG-JxON-pre-mGRASP-mCerulean

Record Creation Time: 20220422T222305+0000

Record Last Update: 20260725T074817+0000

Ratings and Alerts

No rating or validation information has been found for paavCAG-JxON-pre-mGRASP-mCerulean.

No alerts have been found for paavCAG-JxON-pre-mGRASP-mCerulean.

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 [NIF](#) .

Feng L, et al. (2014) Using mammalian GFP reconstitution across synaptic partners (mGRASP) to map synaptic connectivity in the mouse brain. Nature protocols, 9(10), 2425.