

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[AAV-SYP1-miniSOG-T2A-mCherry](#)

RRID:Addgene_50972

Type: Plasmid

Proper Citation

RRID:Addgene_50972

Plasmid Information

URL: <http://www.addgene.org/50972>

Proper Citation: RRID:Addgene_50972

Insert Name: Synaptophysin-miniSOG-T2A-mCherry

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23889931](#)

Vector Backbone Description: Backbone Size:4575; Vector Backbone:AAV2; Vector Types:AAV; Bacterial Resistance:Ampicillin

Comments: WPRE is inserted after the mCherry before SV40 polyA.

Plasmid Name: AAV-SYP1-miniSOG-T2A-mCherry

Record Creation Time: 20220422T222301+0000

Record Last Update: 20260815T081610+0000

Ratings and Alerts

No rating or validation information has been found for AAV-SYP1-miniSOG-T2A-mCherry.

No alerts have been found for AAV-SYP1-miniSOG-T2A-mCherry.

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 [RRID](#) .

Li Q, et al. (2023) Reinstating olfactory bulb-derived limbic gamma oscillations alleviates depression-like behavioral deficits in rodents. *Neuron*, 111(13), 2065.

Sakai Y, et al. (2021) Gene-environment interactions mediate stress susceptibility and resilience through the CaMKII α /TARP β -8/AMPA pathway. *iScience*, 24(5), 102504.