

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 26, 2026

pAAV-hSyn1-mRuby2-GSG-P2A-GCaMP6m-WPRE-pA

RRID:Addgene_51473

Type: Plasmid

Proper Citation

RRID:Addgene_51473

Plasmid Information

URL: <http://www.addgene.org/51473>

Proper Citation: RRID:Addgene_51473

Insert Name: mRuby2-P2A-GCaMP6m

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27284193](#)

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:AAV; Bacterial Resistance:Ampicillin

Comments: The discrepancies between the full sequence and Addgene's QC sequence should not have any functional consequence.

Plasmid Name: pAAV-hSyn1-mRuby2-GSG-P2A-GCaMP6m-WPRE-pA

Record Creation Time: 20220422T222303+0000

Record Last Update: 20260815T081614+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hSyn1-mRuby2-GSG-P2A-GCaMP6m-WPRE-pA.

No alerts have been found for pAAV-hSyn1-mRuby2-GSG-P2A-GCaMP6m-WPRE-pA.

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 [PRECISE-TBI](#) .

Weiler S, et al. (2022) Orientation and direction tuning align with dendritic morphology and spatial connectivity in mouse visual cortex. Current biology : CB, 32(8), 1743.

Reinert S, et al. (2021) Mouse prefrontal cortex represents learned rules for categorization. Nature, 593(7859), 411.