

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

[pAAV-CAG-DIO-ChroME2s-ST-P2A-H2B-mRuby3](#)

RRID:Addgene_170163

Type: Plasmid

Proper Citation

RRID:Addgene_170163

Plasmid Information

URL: <http://www.addgene.org/170163>

Proper Citation: RRID:Addgene_170163

Insert Name: ChroME2s-P2A-H2B-mRuby3

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35120626](#)

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

Plasmid Name: pAAV-CAG-DIO-ChroME2s-ST-P2A-H2B-mRuby3

Record Creation Time: 20220422T221951+0000

Record Last Update: 20260815T081005+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-CAG-DIO-ChroME2s-ST-P2A-H2B-mRuby3.

No alerts have been found for pAAV-CAG-DIO-ChroME2s-ST-P2A-H2B-mRuby3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Yu P, et al. (2025) Circuit-Based Understanding of Fine Spatial Scale Clustering of Orientation Tuning in Mouse Visual Cortex. bioRxiv : the preprint server for biology.

Oldenburg IA, et al. (2024) The logic of recurrent circuits in the primary visual cortex. Nature neuroscience, 27(1), 137.

Sridharan S, et al. (2022) High-performance microbial opsins for spatially and temporally precise perturbations of large neuronal networks. Neuron, 110(7), 1139.