

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 11, 2026

pCAG-ChR2-mRuby2-ST

RRID:Addgene_109125

Type: Plasmid

Proper Citation

RRID:Addgene_109125

Plasmid Information

URL: <http://www.addgene.org/109125>

Proper Citation: RRID:Addgene_109125

Insert Name: ChR2-mRuby2-ST

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29713079](#)

Vector Backbone Description: Backbone Size:5852; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG-ChR2-mRuby2-ST

Record Creation Time: 20220422T221529+0000

Record Last Update: 20260808T080415+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-ChR2-mRuby2-ST.

No alerts have been found for pCAG-ChR2-mRuby2-ST.

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](#) .

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