

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

## pCAG-ChroME-mRuby2-ST

RRID:Addgene\_108902

Type: Plasmid

### Proper Citation

RRID:Addgene\_108902

### Plasmid Information

**URL:** <http://www.addgene.org/108902>

**Proper Citation:** RRID:Addgene\_108902

**Insert Name:** ChroME-mRuby2-ST

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:29713079](#)

**Vector Backbone Description:** Backbone Size:5855; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pCAG-ChroME-mRuby2-ST

**Record Creation Time:** 20220422T221528+0000

**Record Last Update:** 20260808T080413+0000

### Ratings and Alerts

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

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

### 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 [SPARC SAWG](#) .

Bi X, et al. (2022) A kinetic-optimized CoChR variant with enhanced high-frequency spiking fidelity. Biophysical journal, 121(21), 4166.

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