

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 16, 2026

pCAG-ChroME(F243Y)-mRuby2-ST

RRID:Addgene_109127

Type: Plasmid

Proper Citation

RRID:Addgene_109127

Plasmid Information

URL: <http://www.addgene.org/109127>

Proper Citation: RRID:Addgene_109127

Insert Name: ChroME(F243Y)-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(F243Y)-mRuby2-ST

Record Creation Time: 20220422T221529+0000

Record Last Update: 20260815T080126+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-ChroME(F243Y)-mRuby2-ST.

No alerts have been found for pCAG-ChroME(F243Y)-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.