

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pAAV-GFAP104-ChromeQ-mCherry

RRID:Addgene_123125

Type: Plasmid

Proper Citation

RRID:Addgene_123125

Plasmid Information

URL: <http://www.addgene.org/123125>

Proper Citation: RRID:Addgene_123125

Insert Name: ChromeQ-mCherry

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30610117](#)

Vector Backbone Description: Backbone Marker:stratagene; Backbone Size:4915; Vector Backbone:pAAV-GFAP104; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: The plasmid is fully sequenced in the coding sequence regions (opsin-fluorophore and important flanking regions). Multiple digestions were done to verify the vector structure. The construct and the virus were both tested in vitro.

Plasmid Name: pAAV-GFAP104-ChromeQ-mCherry

Relevant Mutation: Channelrhodopsin-2 (ChR2) with mutations A71S/E90A/H114G/R115S

Record Creation Time: 20220422T221644+0000

Record Last Update: 20260815T080351+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-GFAP104-ChromeQ-mCherry.

No alerts have been found for pAAV-GFAP104-ChromeQ-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.