

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

pCAGGS_cAMPFIRE-L

RRID:Addgene_182283

Type: Plasmid

Proper Citation

RRID:Addgene_182283

Plasmid Information

URL: <http://www.addgene.org/182283>

Proper Citation: RRID:Addgene_182283

Insert Name: cAMPFIRE-L (cAMP sensor)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36303019](#)

Vector Backbone Description: Backbone Size:5922; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://doi.org/10.1101/2021.08.27.457999> for bioRxiv preprint.

Plasmid Name: pCAGGS_cAMPFIRE-L

Record Creation Time: 20220422T222037+0000

Record Last Update: 20260815T081131+0000

Ratings and Alerts

No rating or validation information has been found for pCAGGS_cAMPFIRE-L.

No alerts have been found for pCAGGS_cAMPFIRE-L.

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 [RRID](#) .

Yokoyama T, et al. (2024) A multicolor suite for deciphering population coding of calcium and cAMP in vivo. Nature methods, 21(5), 897.

Massengill CI, et al. (2022) Sensitive genetically encoded sensors for population and subcellular imaging of cAMP in vivo. Nature methods, 19(11), 1461.