

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pCAGGS-GCaMP2-actin

RRID:Addgene_18928

Type: Plasmid

Proper Citation

RRID:Addgene_18928

Plasmid Information

URL: <http://www.addgene.org/18928>

Proper Citation: RRID:Addgene_18928

Insert Name: GCaMP2-Actin

Organism: Gallus gallus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18350138](#)

Vector Backbone Description: Backbone Size:5900; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Synthetic construct fused with chicken actin.

Plasmid Name: pCAGGS-GCaMP2-actin

Record Creation Time: 20220422T222043+0000

Record Last Update: 20260815T081140+0000

Ratings and Alerts

No rating or validation information has been found for pCAGGS-GCaMP2-actin.

No alerts have been found for pCAGGS-GCaMP2-actin.

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](#) .

Naffa R, et al. (2021) The Plasma Membrane Ca²⁺ Pump PMCA4b Regulates Melanoma Cell Migration through Remodeling of the Actin Cytoskeleton. *Cancers*, 13(6).

Gobbo F, et al. (2020) Neuronal Activity at Synapse Resolution: Reporters and Effectors for Synaptic Neuroscience. *Frontiers in molecular neuroscience*, 13, 572312.