

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pCAG-Chimeric_Butterfly_CY_1.0

RRID:Addgene_59800

Type: Plasmid

Proper Citation

RRID:Addgene_59800

Plasmid Information

URL: <http://www.addgene.org/59800>

Proper Citation: RRID:Addgene_59800

Insert Name: Cyan-Yellow Chimeric Butterfly Voltage Sensitive Fluorescent Protein

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25324718](#)

Vector Backbone Description: Backbone Marker:Custom; Backbone Size:4796; Vector Backbone:pCAG; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG-Chimeric_Butterfly_CY_1.0

Record Creation Time: 20220422T222344+0000

Record Last Update: 20260815T081726+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-Chimeric_Butterfly_CY_1.0.

No alerts have been found for pCAG-Chimeric_Butterfly_CY_1.0.

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](#) .

van Opbergen CJM, et al. (2018) Optogenetic sensors in the zebrafish heart: a novel in vivo electrophysiological tool to study cardiac arrhythmogenesis. *Theranostics*, 8(17), 4750.

Sugden PB, et al. (2014) Exploration of genetically determined resistance against hepatitis C infection in high-risk injecting drug users. *Journal of viral hepatitis*, 21(8), e65.