Resource Summary Report

Generated by NIF on Jul 29, 2026

pCAG_Xph20-GCaMP7f

RRID:Addgene_135539
Type: Plasmid

Proper Citation

RRID:Addgene_135539

Plasmid Information

URL: http://www.addgene.org/135539

Proper Citation: RRID:Addgene_135539

Insert Name: Xph20

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:38167295

Vector Backbone Description: Backbone Marker:Don B. Arnold lab (USC); Backbone Size:6211; Vector Backbone:pCAG; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit https://doi.org/10.1101/2021.04.07.438431 for bioRxiv preprint.

Plasmid Name: pCAG_Xph20-GCaMP7f

Record Creation Time: 20220422T221747+0000

Record Last Update: 20260725T073852+0000

Ratings and Alerts

No rating or validation information has been found for pCAG_Xph20-GCaMP7f.

No alerts have been found for pCAG_Xph20-GCaMP7f.

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 NIF .

Barzasi M, et al. (2025) Arg209Lys and Gln508His missense variants in Rabphilin 3A cause pre- and post-synaptic dysfunctions at excitatory glutamatergic synapses. Scientific reports, 15(1), 8698.

Pavinato L, et al. (2023) Missense variants in RPH3A cause defects in excitatory synaptic function and are associated with a clinically variable neurodevelopmental disorder. Genetics in medicine : official journal of the American College of Medical Genetics, 25(11), 100922.