

Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

paGFP

RRID:Addgene_18697

Type: Plasmid

Proper Citation

RRID:Addgene_18697

Plasmid Information

URL: <http://www.addgene.org/18697>

Proper Citation: RRID:Addgene_18697

Insert Name: photoactivatable GFP

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18556515](#)

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pRK5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: paGFP

Relevant Mutation: A206K mutation

Record Creation Time: 20220422T222042+0000

Record Last Update: 20260808T081345+0000

Ratings and Alerts

No rating or validation information has been found for paGFP.

No alerts have been found for paGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Chen BH, et al. (2020) Hsc70/Stub1 promotes the removal of individual oxidatively stressed peroxisomes. Nature communications, 11(1), 5267.

Foster D, et al. (2020) Retinotectal circuitry of larval zebrafish is adapted to detection and pursuit of prey. eLife, 9.

Meka DP, et al. (2019) Radial somatic F-actin organization affects growth cone dynamics during early neuronal development. EMBO reports, 20(12), e47743.

Zhao ZW, et al. (2017) Quantifying transcription factor-DNA binding in single cells in vivo with photoactivatable fluorescence correlation spectroscopy. Nature protocols, 12(7), 1458.

Ambrosio AL, et al. (2015) TPC2 mediates new mechanisms of platelet dense granule membrane dynamics through regulation of Ca²⁺ release. Molecular biology of the cell, 26(18), 3263.

Jauregui M, et al. (2014) Probing peroxisome dynamics and biogenesis by fluorescence imaging. Current protocols in cell biology, 62, 21.9.1.