

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 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: 20260815T081138+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 [dkNET](#) .

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.