

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

pcDNA-K-GECO1

RRID:Addgene_105865

Type: Plasmid

Proper Citation

RRID:Addgene_105865

Plasmid Information

URL: <http://www.addgene.org/105865>

Proper Citation: RRID:Addgene_105865

Insert Name: K-GECO1

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29338710](https://pubmed.ncbi.nlm.nih.gov/29338710/)

Vector Backbone Description: Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: bioRxiv--A genetically encoded Ca²⁺ indicator based on circularly permuted sea anemone red fluorescent protein (<https://doi.org/10.1101/213082>)

Plasmid Name: pcDNA-K-GECO1

Record Creation Time: 20220422T221514+0000

Record Last Update: 20260912T091420+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA-K-GECO1.

No alerts have been found for pcDNA-K-GECO1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

van der Net MC, et al. (2025) Mechanosensitive calcium channels and integrins coordinate the reprogramming of colorectal cancer cells into a fetal-like state. Cell reports, 44(10), 116308.