

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

CMV-CAR-GECO1

RRID:Addgene_45493

Type: Plasmid

Proper Citation

RRID:Addgene_45493

Plasmid Information

URL: <http://www.addgene.org/45493>

Proper Citation: RRID:Addgene_45493

Insert Name: CAR-GECO1

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23452507](#)

Vector Backbone Description: Backbone Size:3200; Vector Backbone:Customized Vector; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: CMV-CAR-GECO1

Relevant Mutation: R-GECO1 E163V/I166V/V174T/M176I/F222I/A302P

Record Creation Time: 20220422T222235+0000

Record Last Update: 20260829T080552+0000

Ratings and Alerts

No rating or validation information has been found for CMV-CAR-GECO1.

No alerts have been found for CMV-CAR-GECO1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Gross D, et al. (2022) IKCa channels control breast cancer metabolism including AMPK-driven autophagy. *Cell death & disease*, 13(10), 902.

Bischof H, et al. (2017) Novel genetically encoded fluorescent probes enable real-time detection of potassium in vitro and in vivo. *Nature communications*, 8(1), 1422.

Pecze L, et al. (2016) Endogenous TRPV1 stimulation leads to the activation of the inositol phospholipid pathway necessary for sustained Ca²⁺ oscillations. *Biochimica et biophysica acta*, 1863(12), 2905.