

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 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: 20260815T081524+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 [dkNET](#) .

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.