Resource Summary Report

Generated by kravitz2 on Aug 26, 2026

nuclear EKAR (EGFP-mRFP)

RRID:Addgene_18682
Type: Plasmid

Proper Citation

RRID:Addgene_18682

Plasmid Information

URL: http://www.addgene.org/18682

Proper Citation: RRID:Addgene_18682

Insert Name: ERK Activity Reporter

Bacterial Resistance: Ampicillin

Defining Citation: PMID:19033456

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:4000; Vector Backbone:pCI; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: nuclear EKAR (EGFP-mRFP)

Record Creation Time: 20220422T222041+0000

Record Last Update: 20260826T041316+0000

Ratings and Alerts

No rating or validation information has been found for nuclear EKAR (EGFP-mRFP).

No alerts have been found for nuclear EKAR (EGFP-mRFP).

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 .

Zhang Y, et al. (2024) Redox-modulated SNX25 as a novel regulator of GPCR-G protein signaling from endosomes. Redox biology, 75, 103253.

Nemec K, et al. (2022) Functional modulation of PTH1R activation and signaling by RAMP2. Proceedings of the National Academy of Sciences of the United States of America, 119(32), e2122037119.

Roberts MJ, et al. (2021) Inhibition of the Proliferation of Human Lung Fibroblasts by Prostacyclin Receptor Agonists is Linked to a Sustained cAMP Signal in the Nucleus. Frontiers in pharmacology, 12, 669227.

Civciristov S, et al. (2019) Ligand-dependent spatiotemporal signaling profiles of the ?-opioid receptor are controlled by distinct protein-interaction networks. The Journal of biological chemistry, 294(44), 16198.

Civciristov S, et al. (2018) Preassembled GPCR signaling complexes mediate distinct cellular responses to ultralow ligand concentrations. Science signaling, 11(551).

Halls ML, et al. (2016) Plasma membrane localization of the ?-opioid receptor controls spatiotemporal signaling. Science signaling, 9(414), ra16.