

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

## pAAV-CAG-FLEX-Archon1-KGC-EGFP-ER2

RRID:Addgene\_108422

Type: Plasmid

### Proper Citation

RRID:Addgene\_108422

### Plasmid Information

**URL:** <http://www.addgene.org/108422>

**Proper Citation:** RRID:Addgene\_108422

**Insert Name:** Archon1-KGC-EGFP-ER2

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:29483642](#)

**Vector Backbone Description:** Vector Backbone:pAAV-FLEX; Vector Types:Mammalian Expression, AAV, Cre/Lox; Bacterial Resistance:Ampicillin

**Plasmid Name:** pAAV-CAG-FLEX-Archon1-KGC-EGFP-ER2

**Record Creation Time:** 20220422T221526+0000

**Record Last Update:** 20260808T080408+0000

### Ratings and Alerts

No rating or validation information has been found for pAAV-CAG-FLEX-Archon1-KGC-EGFP-ER2.

No alerts have been found for pAAV-CAG-FLEX-Archon1-KGC-EGFP-ER2.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Madar J, et al. (2023) Piezo2 regulates colonic mechanical sensitivity in a sex specific manner in mice. Nature communications, 14(1), 2158.

Shroff SN, et al. (2020) Voltage Imaging of Cardiac Cells and Tissue Using the Genetically Encoded Voltage Sensor Archon1. iScience, 23(4), 100974.