

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

pCAG G-CEPIA1er

RRID:Addgene_105012

Type: Plasmid

Proper Citation

RRID:Addgene_105012

Plasmid Information

URL: <http://www.addgene.org/105012>

Proper Citation: RRID:Addgene_105012

Insert Name: G-CEPIA1er

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29097544](#)

Vector Backbone Description: Vector Backbone:pCIG2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAG G-CEPIA1er

Record Creation Time: 20220422T221509+0000

Record Last Update: 20260725T073412+0000

Ratings and Alerts

No rating or validation information has been found for pCAG G-CEPIA1er.

No alerts have been found for pCAG G-CEPIA1er.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Ham SJ, et al. (2025) Reciprocal rescue of Wolfram syndrome by two causative genes. EMBO reports, 26(9), 2459.

Hu Q, et al. (2025) circATF6 triggers calcium overload to synergize with EGFR-TKI in non-small cell lung cancer via modulation of proteostasis. Cell reports, 44(12), 116659.

Beccano-Kelly DA, et al. (2023) Calcium dysregulation combined with mitochondrial failure and electrophysiological maturity converge in Parkinson's iPSC-dopamine neurons. iScience, 26(7), 107044.

Nguyen HT, et al. (2023) CDN1163, an activator of sarco/endoplasmic reticulum Ca²⁺ ATPase, up-regulates mitochondrial functions and protects against lipotoxicity in pancreatic ??-cells. British journal of pharmacology, 180(21), 2762.

Ly LD, et al. (2020) Mitochondrial Ca²⁺ Uptake Relieves Palmitate-Induced Cytosolic Ca²⁺ Overload in MIN6 Cells. Molecules and cells, 43(1), 66.

Chang-Graham AL, et al. (2020) Rotavirus induces intercellular calcium waves through ADP signaling. Science (New York, N.Y.), 370(6519).

Chang-Graham AL, et al. (2019) Rotavirus Calcium Dysregulation Manifests as Dynamic Calcium Signaling in the Cytoplasm and Endoplasmic Reticulum. Scientific reports, 9(1), 10822.