

# Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

## pCITF-KCC2

RRID:Addgene\_61404

Type: Plasmid

### Proper Citation

RRID:Addgene\_61404

### Plasmid Information

**URL:** <http://www.addgene.org/61404>

**Proper Citation:** RRID:Addgene\_61404

**Insert Name:** KCC2

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:19376067](#)

**Vector Backbone Description:** Backbone Size:6900; Vector Backbone:pCITF; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Plasmid Name:** pCITF-KCC2

**Record Creation Time:** 20220422T222352+0000

**Record Last Update:** 20260815T081742+0000

### Ratings and Alerts

No rating or validation information has been found for pCITF-KCC2.

No alerts have been found for pCITF-KCC2.

### Data and Source Information

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

### Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Chen L, et al. (2025) Hierarchical regulation of cerebellar neurogenesis by Sin3A-mediated gene repression. bioRxiv : the preprint server for biology.

Prael iij FJ, et al. (2022) Discovery of Small Molecule KCC2 Potentiators Which Attenuate In Vitro Seizure-Like Activity in Cultured Neurons. Frontiers in cell and developmental biology, 10, 912812.

Magloire V, et al. (2019) KCC2 overexpression prevents the paradoxical seizure-promoting action of somatic inhibition. Nature communications, 10(1), 1225.

Nakano Y, et al. (2019) Overlapping Activities of Two Neuronal Splicing Factors Switch the GABA Effect from Excitatory to Inhibitory by Regulating REST. Cell reports, 27(3), 860.

Mahn M, et al. (2018) High-efficiency optogenetic silencing with soma-targeted anion-conducting channelrhodopsins. Nature communications, 9(1), 4125.