

# Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

## pCALNL-mutKir2.1

RRID:Addgene\_125579

Type: Plasmid

---

### Proper Citation

RRID:Addgene\_125579

---

### Plasmid Information

**URL:** <http://www.addgene.org/125579>

**Proper Citation:** RRID:Addgene\_125579

**Insert Name:** Kir2.1

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:37290446](#)

**Vector Backbone Description:** Vector Backbone:pCALNL; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Ampicillin

**Comments:** Please visit <https://www.biorxiv.org/content/10.1101/625616v2> for bioRxiv preprint.

**Plasmid Name:** pCALNL-mutKir2.1

**Relevant Mutation:** A non-conducting mutant (GYG -> AAA).

**Record Creation Time:** 20220422T221658+0000

**Record Last Update:** 20260815T080417+0000

---

### Ratings and Alerts

No rating or validation information has been found for pCALNL-mutKir2.1.

No alerts have been found for pCALNL-mutKir2.1.

---

### Data and Source Information

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

---

## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Fujimoto S, et al. (2023) Activity-dependent local protection and lateral inhibition control synaptic competition in developing mitral cells in mice. *Developmental cell*, 58(14), 1221.