

# Resource Summary Report

Generated by [kravitz2](#) on Aug 25, 2026

## FLM-PC1

RRID:Addgene\_41567

Type: Plasmid

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### Proper Citation

RRID:Addgene\_41567

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### Plasmid Information

**URL:** <http://www.addgene.org/41567>

**Proper Citation:** RRID:Addgene\_41567

**Insert Name:** PKD1

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:21518865](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5100; Vector Backbone:pcDNA4/TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** 5' cloning site: HindIII 3' cloning site: NotI

**Plasmid Name:** FLM-PC1

**Relevant Mutation:** sequence from 4078 - 4303 of PKD1

**Record Creation Time:** 20220422T222215+0000

**Record Last Update:** 20260815T081446+0000

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### Ratings and Alerts

No rating or validation information has been found for FLM-PC1.

No alerts have been found for FLM-PC1.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Díaz-Vesga MC, et al. (2022) Polycystin-1 Is a Crucial Regulator of BIN1 Expression and T-Tubule Remodeling Associated with the Development of Dilated Cardiomyopathy. International journal of molecular sciences, 24(1).

Prasad H, et al. (2019) NHA2 promotes cyst development in an in vitro model of polycystic kidney disease. The Journal of physiology, 597(2), 499.

Córdova-Casanova A, et al. (2018) Mechanical stretch increases L-type calcium channel stability in cardiomyocytes through a polycystin-1/AKT-dependent mechanism. Biochimica et biophysica acta. Molecular cell research, 1865(2), 289.