

# Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

## [Plcd1<sup>tm1Tta</sup>/Plcd1<sup>tm1Tta</sup>](#)

RRID:MGI:2670617

Type: Organism

### Proper Citation

RRID:MGI:2670617

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2670617

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** epidermal cyst, abnormal epidermis suprabasal layer morphology, increased skin tumor incidence, increased sebocyte number, decreased body size, alopecia, abnormal hair follicle morphology, abnormal keratinocyte differentiation

**Affected Gene:** Plcd1

**Genomic Alteration:** tm1Tta

**Catalog Number:** 2670617

**Background:** involves: 129P2/OlaHsd \* C57BL/6J

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:12805213](#)

**Organism Name:** Plcd1<sup>tm1Tta</sup>/Plcd1<sup>tm1Tta</sup>

**Record Creation Time:** 20240120T190730+0000

**Record Last Update:** 20240130T202057+0000

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## Ratings and Alerts

No rating or validation information has been found for *Plcd1<sup>tm1Tta</sup>/Plcd1<sup>tm1Tta</sup>*.

No alerts have been found for *Plcd1<sup>tm1Tta</sup>/Plcd1<sup>tm1Tta</sup>*.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Haan KD, et al. (2023) Osmotically evoked PLC $\beta$ 1-dependent translocation of  $\gamma$ N-TRPV1 channels in rat supraoptic neurons. *iScience*, 26(3), 106258.

Haan KD, et al. (2023) Protocol to visualize ion channel trafficking in acutely isolated rodent neurons using live-cell immunocytochemistry. *STAR protocols*, 4(4), 102744.