

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

[Plcd1^{tm1Tta}/Plcd1^{tm1Tta}](#)

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^{tm1Tta}/Plcd1^{tm1Tta}

Record Creation Time: 20240120T190730+0000

Record Last Update: 20240130T202057+0000

Ratings and Alerts

No rating or validation information has been found for *Plcd1^{tm1Tta}/Plcd1^{tm1Tta}*.

No alerts have been found for *Plcd1^{tm1Tta}/Plcd1^{tm1Tta}*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

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 β 1-dependent translocation of γ 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.