

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

[Clca1^{tm1Htzm}/Clca1^{tm1Htzm}](#)

RRID:MGI:3802573

Type: Organism

Proper Citation

RRID:MGI:3802573

Organism Information

URL:

Proper Citation: RRID:MGI:3802573

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

Species: Mus musculus

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

Phenotype: respiratory system phenotype

Affected Gene: Clca1

Genomic Alteration: tm1Htzm

Catalog Number: 3802573

Background: C57BL/6-Clca1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16569774](#)

Organism Name: Clca1^{tm1Htzm}/Clca1^{tm1Htzm}

Record Creation Time: 20240120T190426+0000

Record Last Update: 20240130T201912+0000

Ratings and Alerts

No rating or validation information has been found for Clca1^{tm1Htzm}/Clca1^{tm1Htzm}.

No alerts have been found for Clca1^{tm1Htzm}/Clca1^{tm1Htzm}.

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 [NIF](#) .

Nyström EEL, et al. (2019) Calcium-activated chloride channel regulator 1 (CLCA1) forms non-covalent oligomers in colonic mucus and has mucin 2-processing properties. The Journal of biological chemistry, 294(45), 17075.

Nyström EEL, et al. (2018) Calcium-activated Chloride Channel Regulator 1 (CLCA1) Controls Mucus Expansion in Colon by Proteolytic Activity. EBioMedicine, 33, 134.