

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

[Chmp5^{tm1Gho}/Chmp5^{tm1Gho}](#)

RRID:MGI:3629214

Type: Organism

Proper Citation

RRID:MGI:3629214

Organism Information

URL:

Proper Citation: RRID:MGI:3629214

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

Species: Mus musculus

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

Phenotype: abnormal embryo development, decreased embryo size, cardia bifida, abnormal neural tube morphology, abnormal somite development, abnormal chorioallantoic fusion, abnormal dorsal-ventral axis patterning, abnormal neural plate morphology, abnormal cell morphology, abnormal cell physiology, abnormal allantois morphology, embryonic lethality during organogenesis, complete penetrance

Affected Gene: Chmp5

Genomic Alteration: tm1Gho

Catalog Number: 3629214

Background: involves: 129S6/SvEvTac * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16567502](#)

Organism Name: Chmp5^{tm1Gho}/Chmp5^{tm1Gho}

Record Creation Time: 20240120T190554+0000

Record Last Update: 20240130T202001+0000

Ratings and Alerts

No rating or validation information has been found for Chmp5^{tm1Gho}/Chmp5^{tm1Gho}.

No alerts have been found for Chmp5^{tm1Gho}/Chmp5^{tm1Gho}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhang F, et al. (2025) The ESCRT protein CHMP5 restricts bone formation by controlling endolysosome-mitochondrion-mediated cell senescence. eLife, 13.