

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

[Clcn7^{tm4.1Tjj}/Clcn7^{tm4.1Tjj}](#)

RRID:MGI:4459532

Type: Organism

Proper Citation

RRID:MGI:4459532

Organism Information

URL:

Proper Citation: RRID:MGI:4459532

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

Species: Mus musculus

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

Phenotype: neurodegeneration, osteopetrosis, retinal degeneration, increased trabecular bone thickness, pigmentation phenotype, abnormal osteoclast morphology, retinal degeneration, abnormal autophagy, postnatal growth retardation, abnormal trabecular bone morphology, abnormal lysosome physiology, decreased body weight, small cranium, abnormal osteoclast morphology, pigmentation phenotype, abnormal osteoclast physiology, premature death, abnormal tooth eruption, increased bone mineral density, osteopetrosis

Affected Gene: Clcn7

Genomic Alteration: tm4.1Tjj

Catalog Number: 4459532

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20430974](#), [PMID:24820037](#)

Organism Name: Clcn7^{tm4.1Tjj}/Clcn7^{tm4.1Tjj}

Record Creation Time: 20240120T190255+0000

Record Last Update: 20240130T201819+0000

Ratings and Alerts

No rating or validation information has been found for Clcn7^{tm4.1Tjj}/Clcn7^{tm4.1Tjj}.

No alerts have been found for Clcn7^{tm4.1Tjj}/Clcn7^{tm4.1Tjj}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.