

# Resource Summary Report

Generated by [T1D](#) on Sep 6, 2026

[Vcp<sup>tm1Itl</sup>/Vcp<sup>+</sup>](#)

RRID:MGI:4849542

Type: Organism

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## Proper Citation

RRID:MGI:4849542

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4849542

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

**Species:** Mus musculus

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

**Phenotype:** increased osteoclast cell number, abnormal neuron morphology, abnormal osteoclast differentiation, abnormal skeletal muscle fiber morphology, seizures, tonic-clonic seizures, progressive muscle weakness, increased compact bone thickness, decreased bone mass, impaired coordination, decreased grip strength, centrally nucleated skeletal muscle fibers, behavior/neurological phenotype, myopathy, increased variability of skeletal muscle fiber size, abnormal autophagy, decreased trabecular bone connectivity density

**Affected Gene:** Vcp

**Genomic Alteration:** tm1Itl

**Catalog Number:** 4849542

**Background:** B6.129S-Vcp

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:20957154](#)

**Organism Name:** Vcp<sup>tm1Itl</sup>/Vcp<sup>+</sup>

**Record Creation Time:** 20240120T190237+0000

**Record Last Update:** 20240130T201810+0000

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## Ratings and Alerts

No rating or validation information has been found for Vcp<sup>tm1Itl</sup>/Vcp<sup>+</sup>.

No alerts have been found for Vcp<sup>tm1Itl</sup>/Vcp<sup>+</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 have not found any literature mentions for this resource.