

# Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

## [Csf1<sup>op</sup>/Csf1<sup>op</sup>](#)

RRID:MGI:3610499

Type: Organism

### Proper Citation

RRID:MGI:3610499

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3610499

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

**Species:** Mus musculus

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

**Phenotype:** decreased corpora lutea number, abnormal ovary morphology, abnormal osteoclast differentiation, domed cranium, abnormal bone marrow cavity morphology, abnormal bone remodeling, absent teeth, decreased circulating phosphate level, abnormal thyroid parafollicular C-cell morphology, abnormal circulating calcium level, abnormal mating frequency, abnormal osteoclast cell number, decreased osteoclast cell number, decreased ovulation rate, prolonged estrous cycle, decreased circulating testosterone level, reduced male mating frequency, abnormal testis physiology, abnormal sperm number, impaired embryo implantation, decreased fertilization frequency, abnormal proestrus, reduced female fertility, decreased body weight, abnormal eating behavior, decreased susceptibility to atherosclerosis, abnormal branching of the mammary ductal tree, abnormal mammary gland lobule morphology, abnormal mammary gland growth during lactation, abnormal mammary gland development, abnormal lactation, decreased litter size, abnormal ovulation

**Affected Gene:** Csf1

**Genomic Alteration:** op

**Catalog Number:** 3610499

**Background:** involves: C3HeB/FeJ \* C57BL/6J

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:9002639](#), [PMID:8828834](#), [PMID:7937762](#), [PMID:1262696](#), [PMID:9137093](#), [PMID:8929623](#)

**Organism Name:** Csf1<sup>op</sup>/Csf1<sup>op</sup>

**Record Creation Time:** 20240120T190612+0000

**Record Last Update:** 20240130T202012+0000

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## Ratings and Alerts

No rating or validation information has been found for Csf1<sup>op</sup>/Csf1<sup>op</sup>.

No alerts have been found for Csf1<sup>op</sup>/Csf1<sup>op</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.