

# Resource Summary Report

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

[Casp1<sup>tm1Flv</sup>/Casp1<sup>tm1Flv</sup>; Casp4<sup>del</sup>/Casp4<sup>del</sup>](#)

RRID:MGI:3711186

Type: Organism

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## Proper Citation

RRID:MGI:3711186

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3711186

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

**Species:** Mus musculus

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

**Phenotype:** abnormal gut flora balance, renal tubular necrosis, decreased interleukin-1 beta secretion, increased susceptibility to induced colitis, kidney failure, decreased renal glomerular filtration rate

**Affected Gene:** Casp4, Casp1

**Genomic Alteration:** del, tm1Flv

**Catalog Number:** 3711186

**Background:** B6.129S2-Casp1

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:21565393](#), [PMID:15644489](#), [PMID:20457908](#)

**Organism Name:** Casp1<sup>tm1Flv</sup>/Casp1<sup>tm1Flv</sup>; Casp4<sup>del</sup>/Casp4<sup>del</sup>

**Record Creation Time:** 20240120T190522+0000

**Record Last Update:** 20240130T201942+0000

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## Ratings and Alerts

No rating or validation information has been found for Casp1<sup>tm1Flv</sup>/Casp1<sup>tm1Flv</sup>; Casp4<sup>del</sup>/Casp4<sup>del</sup>.

No alerts have been found for Casp1<sup>tm1Flv</sup>/Casp1<sup>tm1Flv</sup>; Casp4<sup>del</sup>/Casp4<sup>del</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 found 1 mentions in open access literature.

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

Burgener SS, et al. (2019) Cathepsin G Inhibition by Serpinb1 and Serpinb6 Prevents Programmed Necrosis in Neutrophils and Monocytes and Reduces GSDMD-Driven Inflammation. Cell reports, 27(12), 3646.