

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 12, 2026

Casp1^{tm1Flv}/Casp1^{tm1Flv}; Casp4^{del}/Casp4^{del}

RRID:MGI:3711186

Type: Organism

Proper Citation

RRID:MGI:3711186

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^{tm1Flv}/Casp1^{tm1Flv}; Casp4^{del}/Casp4^{del}

Record Creation Time: 20240120T190522+0000

Record Last Update: 20240130T201942+0000

Ratings and Alerts

No rating or validation information has been found for Casp1^{tm1Flv}/Casp1^{tm1Flv}; Casp4^{del}/Casp4^{del}.

No alerts have been found for Casp1^{tm1Flv}/Casp1^{tm1Flv}; Casp4^{del}/Casp4^{del}.

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 [SPARC SAWG](#) .

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.