

# Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

## [Tnfrsf1a<sup>tm1Mak</sup>](#)/[Tnfrsf1a<sup>tm1Mak</sup>](#)

RRID:MGI:3706991

Type: Organism

### Proper Citation

RRID:MGI:3706991

### Organism Information

**URL:**

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

**Species:** Mus musculus

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

**Phenotype:** increased sensitivity to induced cell death, decreased susceptibility to bacterial infection, increased susceptibility to bacterial infection induced morbidity/mortality, decreased circulating interleukin-6 level, impaired skin barrier function, increased susceptibility to bacterial infection induced morbidity/mortality, decreased sensitivity to induced morbidity/mortality, increased circulating tumor necrosis factor level, abnormal spleen germinal center morphology, decreased susceptibility to bacterial infection, abnormal response/metabolism to endogenous compounds, decreased IgG level, impaired humoral immune response, increased susceptibility to bacterial infection induced morbidity/mortality, increased bone mineral density

**Affected Gene:** Tnfrsf1a

**Genomic Alteration:** tm1Mak

**Catalog Number:** 3706991

**Background:** involves: 129S2/SvPas

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:17353199](#), [PMID:18641654](#), [PMID:10606630](#), [PMID:18719121](#), [PMID:23676465](#), [PMID:8387893](#), [PMID:17266397](#)

**Organism Name:** Tnfrsf1a<sup>tm1Mak</sup>/Tnfrsf1a<sup>tm1Mak</sup>

**Record Creation Time:** 20240120T190525+0000

**Record Last Update:** 20240130T202023+0000

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## Ratings and Alerts

No rating or validation information has been found for Tnfrsf1a<sup>tm1Mak</sup>/Tnfrsf1a<sup>tm1Mak</sup>.

No alerts have been found for Tnfrsf1a<sup>tm1Mak</sup>/Tnfrsf1a<sup>tm1Mak</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.