

# Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

[Lat<sup>tm1Mal</sup>/Lat<sup>tm1Mal</sup>](#)

RRID:MGI:2385971

Type: Organism

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## Proper Citation

RRID:MGI:2385971

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2385971

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

**Species:** Mus musculus

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

**Phenotype:** increased IgG1 level, decreased body weight, phlebitis, salivary gland inflammation, increased inflammatory response, increased IgG1 level, increased T-helper 2 cell number, increased IgE level, increased CD4-positive, alpha beta T cell number, increased B cell number, enlarged spleen, increased eosinophil cell number, enlarged lymph nodes, decreased double-positive T cell number, abnormal lymphocyte morphology, abnormal immune serum protein physiology, increased T cell proliferation, increased interferon-gamma secretion, chronic inflammation, thymus hypoplasia, abnormal immune system organ morphology, increased interleukin-4 secretion, spleen hyperplasia, abnormal gamma-delta T cell differentiation, abnormal T cell subpopulation ratio, abnormal T cell selection, abnormal B cell activation, increased memory T cell number, albuminuria, glomerulonephritis, increased CD4-positive, alpha beta T cell number, increased IgE level, increased IgG1 level, increased IgM level, increased plasma cell number, increased anti-chromatin antibody level, increased anti-erythrocyte antigen antibody level, increased anti-nuclear antigen antibody level, increased spleen weight, abnormal salivary gland morphology, renal fibrosis, pancreas inflammation, pancreas fibrosis, kidney inflammation, increased blood urea nitrogen level, renal glomerular immunoglobulin deposits, abnormal T-helper 2 physiology, abnormal lymph node germinal center morphology, lung inflammation, liver inflammation, increased susceptibility to autoimmune hemolytic anemia, increased spleen germinal center number, abnormal lymph node secondary follicle morphology, abnormal spleen periarteriolar lymphoid sheath morphology

**Affected Gene:** Lat

**Genomic Alteration:** tm1Mal

**Catalog Number:** 2385971

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

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:16887989](#), [PMID:29902238](#), [PMID:12065839](#)

**Organism Name:** Lat<sup>tm1Mal</sup>/Lat<sup>tm1Mal</sup>

**Record Creation Time:** 20240120T190748+0000

**Record Last Update:** 20240130T202107+0000

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## Ratings and Alerts

No rating or validation information has been found for Lat<sup>tm1Mal</sup>/Lat<sup>tm1Mal</sup>.

No alerts have been found for Lat<sup>tm1Mal</sup>/Lat<sup>tm1Mal</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.