

Resource Summary Report

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

[Lat^{tm1Mal}/Lat^{tm1Mal}](#)

RRID:MGI:2385971

Type: Organism

Proper Citation

RRID:MGI:2385971

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^{tm1Mal}/Lat^{tm1Mal}

Record Creation Time: 20240120T190748+0000

Record Last Update: 20240130T202107+0000

Ratings and Alerts

No rating or validation information has been found for Lat^{tm1Mal}/Lat^{tm1Mal}.

No alerts have been found for Lat^{tm1Mal}/Lat^{tm1Mal}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.