

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

[Rabgef1^{tm1Glli}/Rabgef1^{tm1Glli}](#)

RRID:MGI:3051405

Type: Organism

Proper Citation

RRID:MGI:3051405

Organism Information

URL:

Proper Citation: RRID:MGI:3051405

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

Species: Mus musculus

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

Phenotype: increased IgE level, chronic inflammation, abnormal mast cell morphology, abnormal epidermal layer morphology, increased interleukin-6 secretion, abnormal inflammatory response, abnormal keratinocyte morphology, increased mast cell number, increased tumor necrosis factor secretion, abnormal dermal layer morphology, postnatal lethality, incomplete penetrance, increased circulating histamine level, epidermal hyperplasia

Affected Gene: Rabgef1

Genomic Alteration: tm1Glli

Catalog Number: 3051405

Background: either: (involves: 129P2/OlaHsd * 129S/SvEv) or (involves: 129P2/OlaHsd * C57BL/6)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15235600](#)

Organism Name: Rabgef1^{tm1Glli}/Rabgef1^{tm1Glli}

Record Creation Time: 20240120T190653+0000

Record Last Update: 20240130T202035+0000

Ratings and Alerts

No rating or validation information has been found for Rabgef1^{tm1Glli}/Rabgef1^{tm1Glli}.

No alerts have been found for Rabgef1^{tm1Glli}/Rabgef1^{tm1Glli}.

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.