

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

B6.129S1(C)-Gata1^{tm6Sho}/LvtzJ

RRID:IMSR_JAX:033551

Type: Organism

Proper Citation

RRID:IMSR_JAX:033551

Organism Information

URL: <https://www.jax.org/strain/033551>

Proper Citation: RRID:IMSR_JAX:033551

Description: Mus musculus with name B6.129S1(C)-Gata1^{tm6Sho}/LvtzJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: GATA binding protein 1; mutant strain|congenic strain: Gata1

Affected Gene: GATA binding protein 1

Genomic Alteration: targeted mutation 6; Stuart Orkin

Catalog Number: JAX:033551

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129S1(C)-Gata1^{tm6Sho}/LvtzJ

Record Creation Time: 20250513T053836+0000

Record Last Update: 20260725T044533+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1(C)-Gata1^{tm6Sho}/LvtzJ.

No alerts have been found for B6.129S1(C)-Gata1^{tm6Sho}/LvtzJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Wang Y, et al. (2025) Bi-directional communication between intrinsic enteric neurons and ILC2s inhibits host defense against helminth infection. *Immunity*, 58(2), 465.

Rao Z, et al. (2024) Alarmin-loaded extracellular lipid droplets induce airway neutrophil infiltration during type 2 inflammation. *Immunity*, 57(11), 2514.

First NJ, et al. (2023) *Bordetella* spp. block eosinophil recruitment to suppress the generation of early mucosal protection. *Cell reports*, 42(11), 113294.

Okano M, et al. (2022) Interleukin-33-activated neuropeptide CGRP-producing memory Th2 cells cooperate with somatosensory neurons to induce conjunctival itch. *Immunity*, 55(12), 2352.

Bohrer AC, et al. (2021) Eosinophils are part of the granulocyte response in tuberculosis and promote host resistance in mice. *The Journal of experimental medicine*, 218(10).