

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

B6.129(Cg)-Lyz2^{tm1.1Graf}/Mmmh

RRID:MMRRC_012039-MU

Type: Organism

Proper Citation

RRID:MMRRC_012039-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=12039

Proper Citation: RRID:MMRRC_012039-MU

Description: Mus musculus with name B6.129(Cg)-Lyz2^{tm1.1Graf}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Cell Biology, Developmental Biology, Hematology, Immunology and Inflammation; Mutation Type: Targeted Mutation ; Collection:

Phenotype: increased inflammatory response [MP:0001846] abnormal enzyme/coenzyme level [MP:0005319]

Affected Gene: Lyz2

Catalog Number: 012039-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:10887140](#), [PMID:14977423](#), [PMID:14751923](#)

Alternate IDs: MMRRC_12039-MU, MMRRC_012039, MMRRC_1239

Organism Name: B6.129(Cg)-Lyz2^{tm1.1Graf}/Mmmh

Record Creation Time: 20230308T054914+0000

Record Last Update: 20260815T123322+0000

Ratings and Alerts

No rating or validation information has been found for B6.129(Cg)-*Lyz2^{tm1.1Graf}*/Mmmh.

No alerts have been found for B6.129(Cg)-*Lyz2^{tm1.1Graf}*/Mmmh.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Lee J, et al. (2025) NLRP3 activation induces BBB disruption and neutrophil infiltration via CXCR2 signaling in the mouse brain. *Journal of neuroinflammation*, 22(1), 139.

Kitchen-Goosen SM, et al. (2023) Endometrial hyperplasia with loss of APC in a novel population of *Lyz2*-expressing mouse endometrial epithelial cells. *Carcinogenesis*, 44(1), 54.

Kolabas ZI, et al. (2023) Distinct molecular profiles of skull bone marrow in health and neurological disorders. *Cell*, 186(17), 3706.

Bhatia HS, et al. (2022) Spatial proteomics in three-dimensional intact specimens. *Cell*, 185(26), 5040.

Maiorino L, et al. (2022) Longitudinal Intravital Imaging Through Clear Silicone Windows. *Journal of visualized experiments : JoVE*(179).

Sierro F, et al. (2017) A Liver Capsular Network of Monocyte-Derived Macrophages Restricts Hepatic Dissemination of Intraperitoneal Bacteria by Neutrophil Recruitment. *Immunity*, 47(2), 374.

Sykes DB, et al. (2016) Inhibition of Dihydroorotate Dehydrogenase Overcomes Differentiation Blockade in Acute Myeloid Leukemia. *Cell*, 167(1), 171.