

Resource Summary Report

Generated by PRECISE-TBI on Jul 28, 2026

B6.129P2-Lyz2^{tm1(cre)lfo}/CgnCnrm

RRID:IMSR_EM:01145

Type: Organism

Proper Citation

RRID:IMSR_EM:01145

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=1145>

Proper Citation: RRID:IMSR_EM:01145

Description: Mus musculus with name B6.129P2-Lyz2^{tm1(cre)lfo}/CgnCnrm from IMSR.

Species: Mus musculus

Synonyms: B6;129P2-Lyz2. 129-Lyz2/Cgnlbcm. B6;129P2-Lyzs. Lyzs-Cre. 129-Lyzs/Cgnlbcm. B6.129P2-Lyz2/Cgnlbcm

Notes: gene symbol note: lysozyme 2; mutant strain: Lyz2

Affected Gene: lysozyme 2

Genomic Alteration: targeted mutation 1; Irmgard Forster

Catalog Number: EM:01145

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: B6.129P2-Lyz2^{tm1(cre)lfo}/CgnCnrm

Record Creation Time: 20250513T062209+0000

Record Last Update: 20260725T052934+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Lyz2^{tm1(cre)lfo}/CgnCnrm.

No alerts have been found for B6.129P2-Lyz2^{tm1(cre)lfo}/CgnCnrm.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Zhang Y, et al. (2025) Spatiotemporal Regulation of STING Activity by Linear Ubiquitination Governs Antiviral Immunity. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(28), e2417660.

Lin YK, et al. (2025) Blocking the SIRP α -CD47 axis promotes macrophage phagocytosis of exosomes derived from visceral adipose tissue and improves inflammation and metabolism in mice. *Journal of biomedical science*, 32(1), 31.

Du Q, et al. (2025) Acylglycerol kinase inhibits macrophage anti-tumor activity via limiting mtDNA release and cGAS-STING-type I IFN response. *Theranostics*, 15(4), 1304.

Pang SJ, et al. (2025) RNA polymerase II subunit 5-mediating protein limits TLR4-induced innate immune activation in macrophages by inhibiting IKK α /NF- κ B signaling during sepsis. *Cell communication and signaling : CCS*, 23(1), 274.

Xu F, et al. (2025) E3 Ubiquitin ligases Cbl-b and c-Cbl maintain the homeostasis of macrophages by regulating the M-CSF/M-CSFR signaling axis. *Cell death & disease*, 16(1), 716.

Claypool DJ, et al. (2024) Conditional Vitamin D Receptor Deletion Induces Fungal and Archaeal Dysbiosis and Altered Metabolites. *Metabolites*, 14(1).

Jiang Q, et al. (2024) AIM2 enhances *Candida albicans* infection through promoting macrophage apoptosis via AKT signaling. *Cellular and molecular life sciences : CMLS*, 81(1), 280.

Liu T, et al. (2024) Smad4 Deficiency in S100A4⁺ Macrophages Enhances Colitis-associated Tumorigenesis by Promoting Macrophage Lipid Metabolism Augmented M2 Polarization. *International journal of biological sciences*, 20(15), 6114.

Calafiore M, et al. (2023) A tissue-intrinsic IL-33/EGF circuit promotes epithelial regeneration after intestinal injury. *Nature communications*, 14(1), 5411.

Jiang Y, et al. (2023) Nuclear RPSA senses viral nucleic acids to promote the innate inflammatory response. *Nature communications*, 14(1), 8455.

Brines R, et al. (2018) Myeloid Heme Oxygenase-1 Regulates the Acute Inflammatory Response to Zymosan in the Mouse Air Pouch. *Oxidative medicine and cellular longevity*,

2018, 5053091.