# Resource Summary Report

Generated by NIF on Aug 27, 2026

## B6.129P2-Lyz2$^{tm1(cre)Ifo}$/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$^{tm1(cre)Ifo}$/CgnCnrm from IMSR.

**Species:** Mus musculus

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

**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$^{tm1(cre)Ifo}$/CgnCnrm

**Record Creation Time:** 20250513T062209+0000

**Record Last Update:** 20260815T055704+0000

### Ratings and Alerts

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

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


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?-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?/NF-?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.