

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

B6J.129X1-*ler3*^{tm1Mxw}/Mmjax

RRID:MMRRC_068229-JAX

Type: Organism

Proper Citation

RRID:MMRRC_068229-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=68229

Proper Citation: RRID:MMRRC_068229-JAX

Description: Mus musculus with name B6J.129X1-*ler3*^{tm1Mxw}/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cardiovascular, Cell Biology, Dermatology, Hematology, Immunology and Inflammation, Metabolism, Models for Human Disease, Neurobiology, Obesity, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: increased neutrophil cell number [MP:0000219]| increased granulocyte number [MP:0000322]| impaired macrophage phagocytosis [MP:0001798]| abnormal macrophage physiology [MP:0002451]| increased systemic arterial blood pressure [MP:0002842]| delayed wound healing [MP:0002908]| decreased incidence of tumors by chemical induction [MP:0004502]| decreased regulatory T cell number [MP:0004974]| abnormal response to infection [MP:0005025]| increased susceptibility to parasitic infection [MP:0005027]| abnormal CD4-positive [MP:0005463]| alpha-beta T cell physiology [MP:0005591]| decreased vasodilation [MP:0008539]| decreased susceptibility to induced colitis [MP:0008556]| abnormal tumor necrosis factor secretion [MP:0008751]| abnormal interleukin level [MP:0008752]| abnormal tumor necrosis factor level [MP:0008872]| abnormal physiological response to xenobiotic [MP:0010155]| abnormal intestine physiology [MP:0010219]

Affected Gene: *ler3*

Catalog Number: 068229-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20713914](#)

Alternate IDs: MMRRC_68229-JAX, MMRRC_068229, MMRRC_68229

Organism Name: B6J.129X1-*ler3^{tm1Mxw}*/Mmjax

Record Creation Time: 20230308T055516+0000

Record Last Update: 20260912T135651+0000

Ratings and Alerts

No rating or validation information has been found for B6J.129X1-*ler3^{tm1Mxw}*/Mmjax.

No alerts have been found for B6J.129X1-*ler3^{tm1Mxw}*/Mmjax.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.