

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

C57BL/6-*Ikzf1*^{plstc}/Mmucd

RRID:MMRRC_031693-UCD

Type: Organism

Proper Citation

RRID:MMRRC_031693-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=31693

Proper Citation: RRID:MMRRC_031693-UCD

Description: Mus musculus with name C57BL/6-*Ikzf1*^{plstc}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Developmental Biology, Hematology, Immunology and Inflammation; Mutation Type: chemically induced mutation ; Collection: NHMRC Australian PhenomeBank

Phenotype: decreased hematocrit [MP:0000208] abnormal erythropoiesis [MP:0000245] decreased granulocyte number [MP:0000334] liver hypoplasia [MP:0000600] decreased thymocyte number [MP:0000715] anemia [MP:0001577] abnormal myelopoiesis [MP:0001601] arrested B cell differentiation [MP:0001802] thymus hypoplasia [MP:0001823] increased T cell derived lymphoma incidence [MP:0002024] increased leukemia incidence [MP:0002026] premature death [MP:0002083] abnormal B cell differentiation [MP:0002144] abnormal T cell differentiation [MP:0002145] abnormal lymphopoiesis [MP:0002401] decreased hemoglobin content [MP:0002874] decreased erythrocyte cell number [MP:0002875] pallor [MP:0003717] decreased double-negative T cell number [MP:0005089] decreased double-positive T cell number [MP:0005092] increased macrophage cell number [MP:0005425] absent T cells [MP:0008070] abnormal granulocyte differentiation [MP:0008111] abnormal macrophage differentiation [MP:0008113] increased pro-B cell number [MP:0008186] absent pro-B cells [MP:0008187] decreased pre-B cell number [MP:0008209] decreased mature B cell number [MP:0008211] reticulocytopenia [MP:0008941] decreased erythroid progenitor cell number [MP:0008973] myeloid hyperplasia [MP:0010373] lethality throughout fetal growth and development [MP:0011099] complete penetrance [MP:0011176] abnormal erythroblast morphology [MP:0011243]

Affected Gene: *Ikzf1*

Catalog Number: 031693-UCD

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12871645](#)

Alternate IDs: MMRRC_31693-UCD, MMRRC_031693, MMRRC_31693

Organism Name: C57BL/6-*Ikzf1*^{plstc}/Mmucd

Record Creation Time: 20230308T055124+0000

Record Last Update: 20260912T134752+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-*Ikzf1*^{plstc}/Mmucd.

No alerts have been found for C57BL/6-*Ikzf1*^{plstc}/Mmucd.

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.