

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

C57BL/6J-Gimap5^{m1Btlr}/Mmucd

RRID:MMRRC_030019-UCD

Type: Organism

Proper Citation

RRID:MMRRC_030019-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30019

Proper Citation: RRID:MMRRC_030019-UCD

Description: Mus musculus with name C57BL/6J-Gimap5^{m1Btlr}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cancer, Developmental Biology, Diabetes, Hematology, Immunology and Inflammation, Models for Human Disease; Mutation Type: chemically induced mutation ; Collection: Beutler Mutagenetix

Phenotype: increased neutrophil cell number [MP:0000219]| extramedullary hematopoiesis [MP:0000240]| increased granulocyte number [MP:0000322]| abnormal intestinal epithelium morphology [MP:0000488]| abnormal liver morphology [MP:0000598]| decreased thymocyte number [MP:0000715]| anemia [MP:0001577]| postnatal growth retardation [MP:0001732]| decreased IgG level [MP:0001805]| decreased IgM level [MP:0001806]| intestinal inflammation [MP:0001858]| premature death [MP:0002083]| abnormal bone marrow cell morphology/development [MP:0002398]| abnormal B cell physiology [MP:0002459]| colitis [MP:0002816]| decreased hemoglobin content [MP:0002874]| thrombocytopenia [MP:0003179]| thymus atrophy [MP:0003644]| increased hematopoietic stem cell number [MP:0004809]| abnormal large intestine crypts of Lieberkuhn morphology [MP:0004842]| decreased B-1 B cell number [MP:0004978]| decreased lymphocyte cell number [MP:0005016]| decreased B cell number [MP:0005017]| diarrhea [MP:0005036]| decreased B cell proliferation [MP:0005093]| cachexia [MP:0005150]| abnormal B cell proliferation [MP:0005153]| abnormal response to transplant [MP:0005671]| abnormal common myeloid progenitor cell morphology [MP:0006410]| decreased NK T cell number [MP:0008040]| abnormal NK T cell physiology [MP:0008042]| decreased NK cell number [MP:0008045]| decreased CD8-positive [MP:0008079]| alpha-beta T cell number [MP:0008211]| decreased mature B cell number [MP:0008249]| abnormal common lymphocyte progenitor cell morphology [MP:0008470]| abnormal spleen B cell follicle morphology [MP:0008495]| decreased IgG1 level

[MP:0008496]] decreased IgG2a level [MP:0008497]] decreased IgG2b level [MP:0008498]] decreased IgG3 level [MP:0008561]] decreased tumor necrosis factor secretion [MP:0008567]] decreased interferon-gamma secretion [MP:0008578]] decreased circulating interferon-gamma level [MP:0008603]] decreased circulating interleukin-4 level [MP:0008700]] decreased interleukin-4 secretion [MP:0010067]] increased red blood cell distribution width [MP:0013795]

Affected Gene: Gimap5

Catalog Number: 030019-UCD

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20190135](https://pubmed.ncbi.nlm.nih.gov/20190135/)

Alternate IDs: MMRRC_30019-UCD, MMRRC_030019, MMRRC_319

Organism Name: C57BL/6J-*Gimap5*^{m1Btlr}/Mmucd

Record Creation Time: 20230308T055118+0000

Record Last Update: 20260815T124543+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-*Gimap5*^{m1Btlr}/Mmucd.

No alerts have been found for C57BL/6J-*Gimap5*^{m1Btlr}/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.