

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

C57BL/6J-Atp4a^{m1Btlr}/Mmucd

RRID:MMRRC_034317-UCD

Type: Organism

Proper Citation

RRID:MMRRC_034317-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=34317

Proper Citation: RRID:MMRRC_034317-UCD

Description: Mus musculus with name C57BL/6J-Atp4a^{m1Btlr}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Hematology, Internal/Organ, Models for Human Disease;
Mutation Type: chemically induced mutation ; Collection: Beutler Mutagenetix

Phenotype: decreased hematocrit [MP:0000208] extramedullary hematopoiesis [MP:0000240] abnormal erythropoiesis [MP:0000245] abnormal stomach morphology [MP:0000470] abnormal spleen morphology [MP:0000689] enlarged spleen [MP:0000691] abnormal erythrocyte morphology [MP:0002447] decreased mean corpuscular volume [MP:0002591] reticulocytosis [MP:0002640] anisocytosis [MP:0002642] poikilocytosis [MP:0002643] decreased hemoglobin content [MP:0002874] increased erythroid progenitor cell number [MP:0003135] abnormal erythrocyte osmotic lysis [MP:0003657] enlarged stomach [MP:0003883] decreased circulating iron level [MP:0004151] thrombocytosis [MP:0005505] decreased mean corpuscular hemoglobin [MP:0005562] abnormal iron homeostasis [MP:0005637] increased stomach pH [MP:0008006] hypochromic anemia [MP:0008387] hypochromic microcytic anemia [MP:0008388] increased red blood cell distribution width [MP:0010067] gastric cysts [MP:0010787] increased circulating erythropoietin level [MP:0011285]

Affected Gene: Atp4a

Catalog Number: 034317-UCD

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21976678](#)

Alternate IDs: MMRRC_34317-UCD, MMRRC_034317, MMRRC_34317

Organism Name: C57BL/6J-*Atp4a*^{*m1Btlr*}/Mmucd

Record Creation Time: 20230308T055132+0000

Record Last Update: 20260912T134810+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-*Atp4a*^{*m1Btlr*}/Mmucd.

No alerts have been found for C57BL/6J-*Atp4a*^{*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.