

Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

C57BL/6J-*Ank1*^{M1Btlr}/Mmmh

RRID:MMRRC_037103-MU

Type: Organism

Proper Citation

RRID:MMRRC_037103-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=37103

Proper Citation: RRID:MMRRC_037103-MU

Description: Mus musculus with name C57BL/6J-*Ank1*^{M1Btlr}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Developmental Biology, Hematology, Models for Human Disease, Research Tools; Mutation Type: chemically induced mutation ; Collection: Beutler Mutagenetix

Phenotype: extramedullary hematopoiesis [MP:0000240]| abnormal spleen morphology [MP:0000689]| enlarged spleen [MP:0000691]| abnormal erythrocyte morphology [MP:0002447]| decreased mean corpuscular volume [MP:0002591]| reticulocytosis [MP:0002640]| spherocytosis [MP:0002812]| microcytosis [MP:0002813]| increased erythrocyte cell number [MP:0003131]| abnormal erythrocyte osmotic lysis [MP:0003657]| increased circulating bilirubin level [MP:0005344]| decreased mean corpuscular hemoglobin [MP:0005562]| increased spleen iron level [MP:0008809]| stomatocytosis [MP:0010074]| hemolysis [MP:0010163]| increased circulating erythropoietin level [MP:0011285]

Affected Gene: Ank1

Catalog Number: 037103-MU

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:23934996](#)

Alternate IDs: MMRRC_37103-MU, MMRRC_037103, MMRRC_3713

Organism Name: C57BL/6J-*Ank1*^{M1Btlr}/Mmmh

Record Creation Time: 20230308T055149+0000

Record Last Update: 20260829T123648+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-*Ank1*^{M1Btlr}/Mmmh.

No alerts have been found for C57BL/6J-*Ank1*^{M1Btlr}/Mmmh.

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.