

Resource Summary Report

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

C57BL/6J-*Flt3^{m1Btlr}*/Mmmh

RRID:MMRRC_032824-MU

Type: Organism

Proper Citation

RRID:MMRRC_032824-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32824

Proper Citation: RRID:MMRRC_032824-MU

Description: Mus musculus with name C57BL/6J-*Flt3^{m1Btlr}*/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Immunology and Inflammation, Research Tools, Virology;
Mutation Type: chemically induced mutation ; Collection: Beutler Mutagenetix

Phenotype: decreased body weight [MP:0001262]| small lymph nodes [MP:0002217]| abnormal dendritic cell physiology [MP:0002376]| increased susceptibility to viral infection [MP:0002418]| abnormal macrophage physiology [MP:0002451]| abnormal dendritic cell antigen presentation [MP:0002455]| decreased NK cell number [MP:0008045]| decreased plasmacytoid dendritic cell number [MP:0008124]| decreased dendritic cell number [MP:0008127]| increased circulating tumor necrosis factor level [MP:0008553]| decreased interferon-alpha secretion [MP:0008563]| decreased interferon-gamma secretion [MP:0008567]| decreased circulating interferon-alpha level [MP:0008574]| decreased circulating interferon-gamma level [MP:0008578]| increased circulating interleukin-6 level [MP:0008596]| decreased circulating interleukin-12 level [MP:0008618]| decreased interleukin-12 secretion [MP:0008664]| decreased splenocyte number [MP:0009339]| increased susceptibility to viral infection induced morbidity/mortality [MP:0009791]| abnormal NK cell physiology [MP:0010766]

Affected Gene: *Flt3*

Catalog Number: 032824-MU

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:20457904](#)

Alternate IDs: MMRRC_32824-MU, MMRRC_032824, MMRRC_32824

Organism Name: C57BL/6J-*Flt3*^{m1Btlr}/Mmmh

Record Creation Time: 20230308T055131+0000

Record Last Update: 20260815T124650+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-*Flt3*^{m1Btlr}/Mmmh.

No alerts have been found for C57BL/6J-*Flt3*^{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.