

Resource Summary Report

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

C57BL/6J-Lyst^{bg-Btlr}/Mmucd

RRID:MMRRC_010470-UCD

Type: Organism

Proper Citation

RRID:MMRRC_010470-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=10470

Proper Citation: RRID:MMRRC_010470-UCD

Description: Mus musculus with name C57BL/6J-Lyst^{bg-Btlr}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Immunology and Inflammation, Models for Human Disease, Virology; Mutation Type: chemically induced mutation ; Collection: Beutler Mutagenetix

Phenotype: diluted coat color [MP:0000371] increased susceptibility to bacterial infection [MP:0002412] increased susceptibility to viral infection [MP:0002418] abnormal foot pigmentation [MP:0009379] abnormal NK cell physiology [MP:0010766] decreased tail pigmentation [MP:0011277] decreased ear pigmentation [MP:0011279]

Affected Gene: Lyst

Catalog Number: 010470-UCD

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_10470-UCD, MMRRC_010470, MMRRC_147

Organism Name: C57BL/6J-Lyst^{bg-Btlr}/Mmucd

Record Creation Time: 20230308T054905+0000

Record Last Update: 20260912T134225+0000

Ratings and Alerts

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

No alerts have been found for C57BL/6J-*Lyst*^{bg-Btlr}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

K??gl T, et al. (2024) Patients and mice with deficiency in the SNARE protein SYNTAXIN-11 have a secondary B cell defect. The Journal of experimental medicine, 221(7).