

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

D2.129S4(B6)Cg-C3^{tm1Hrc}/Mmjax

RRID:MMRRC_032043-JAX

Type: Organism

Proper Citation

RRID:MMRRC_032043-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32043

Proper Citation: RRID:MMRRC_032043-JAX

Description: Mus musculus with name D2.129S4(B6)Cg-C3^{tm1Hrc}/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection:

Phenotype: increased brown adipose tissue amount [MP:0000005]| dystrophic muscle [MP:0000752]| abnormal skeletal muscle morphology [MP:0000759]| increased body weight [MP:0001260]| decreased body weight [MP:0001262]| polyphagia [MP:0001433]| increased circulating free fatty acid level [MP:0001554]| extended life span [MP:0001661]| decreased white adipose tissue amount [MP:0001783]| decreased IgM level [MP:0001806]| abnormal glucose homeostasis [MP:0002078]| abnormal lipid homeostasis [MP:0002118]| increased susceptibility to bacterial infection [MP:0002412]| abnormal complement pathway [MP:0002471]| impaired complement alternative pathway [MP:0002472]| increased IgG level [MP:0002493]| increased IgM level [MP:0002494]| decreased circulating triglyceride level [MP:0002644]| decreased circulating insulin level [MP:0002727]| skeletal muscle interstitial fibrosis [MP:0003851]| abnormal physical strength [MP:0004262]| abnormal oxygen consumption [MP:0005288]| increased triglyceride level [MP:0005317]| abnormal intestinal lipid absorption [MP:0005342]| abnormal energy expenditure [MP:0005450]| abnormal platelet physiology [MP:0005464]| decreased liver regeneration [MP:0005517]| decreased circulating glucose level [MP:0005560]| decreased circulating leptin level [MP:0005668]| decreased total body fat amount [MP:0010025]

Affected Gene: C3

Catalog Number: 032043-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:8524789](#)

Alternate IDs: MMRRC_32043-JAX, MMRRC_032043, MMRRC_3243

Organism Name: D2.129S4(B6)Cg-C3^{tm1Hrc}/Mmjax

Record Creation Time: 20230308T055126+0000

Record Last Update: 20260801T124238+0000

Ratings and Alerts

No rating or validation information has been found for D2.129S4(B6)Cg-C3^{tm1Hrc}/Mmjax.

No alerts have been found for D2.129S4(B6)Cg-C3^{tm1Hrc}/Mmjax.

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.