

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

B6;129P2-Brd2^{Gt(RRT234)}Byg/Mmucd

RRID:MMRRC_016359-UCD

Type: Organism

Proper Citation

RRID:MMRRC_016359-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=16359

Proper Citation: RRID:MMRRC_016359-UCD

Description: Mus musculus with name B6;129P2-Brd2^{Gt(RRT234)}Byg/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cardiovascular, Cell Biology, Dermatology, Developmental Biology, Endocrine Deficiency, Hematology, Immunology and Inflammation, Internal/Organ, Metabolism, Models for Human Disease, Neurobiology, Reproduction, Research Tools, Sensorineural, Virology; Mutation Type: Gene Trap ; Collection: BayGenomics

Phenotype: abnormal adipose tissue morphology [MP:0000003] obese [MP:0001261] abnormal eating behavior [MP:0001431] increased circulating triglyceride level [MP:0001552] increased circulating insulin level [MP:0002079] hepatic steatosis [MP:0002628] increased circulating glucagon level [MP:0002712] increased pancreatic beta cell number [MP:0003645] abnormal circulating lipid level [MP:0003949] abnormal respiratory quotient [MP:0004129] increased adiponectin level [MP:0004892] increased circulating cholesterol level [MP:0005178] abnormal pancreatic islet morphology [MP:0005215] improved glucose tolerance [MP:0005292] pancreatic islet hyperplasia [MP:0005491] decreased circulating glucose level [MP:0005560] increased circulating leptin level [MP:0005669] increased fat cell size [MP:0006094] increased circulating tumor necrosis factor level [MP:0008553] increased circulating interleukin-1 beta level [MP:0008641] increased basal metabolism [MP:0008965] increased pancreatic islet number [MP:0009167] increased epididymal fat pad weight [MP:0009288] increased interscapular fat pad weight [MP:0009294] abnormal blood homeostasis [MP:0009642] increased total body fat amount [MP:0010024] postnatal lethality [MP:0011086] incomplete penetrance [MP:0011090]

Affected Gene: Brd2

Catalog Number: 016359-UCD

Background: Gene Trap

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12520002](#)

Alternate IDs: MMRRC_16359-UCD, MMRRC_016359, MMRRC_16359

Organism Name: B6;129P2-*Brd2*^{Gt(RRT234)Byg}/Mmucd

Record Creation Time: 20230308T054941+0000

Record Last Update: 20260919T133413+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-*Brd2*^{Gt(RRT234)Byg}/Mmucd.

No alerts have been found for B6;129P2-*Brd2*^{Gt(RRT234)Byg}/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.