

Resource Summary Report

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

B6;129P2-Sesn2^{Gt(RRJ141)}Byg/Mmucd

RRID:MMRRC_010431-UCD

Type: Organism

Proper Citation

RRID:MMRRC_010431-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=10431

Proper Citation: RRID:MMRRC_010431-UCD

Description: Mus musculus with name B6;129P2-Sesn2^{Gt(RRJ141)}Byg/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Research Tools; Mutation Type: Gene Trap ; Collection: BayGenomics

Phenotype: increased urine glucose level [MP:0001759]| hepatic steatosis [MP:0002628]| abnormal gluconeogenesis [MP:0003383]| impaired glucose tolerance [MP:0005293]| insulin resistance [MP:0005331]| increased circulating glucose level [MP:0005559]| abnormal autophagy [MP:0008260]| increased liver triglyceride level [MP:0009355]| decreased mitochondria number [MP:0011629]| decreased mitochondrial DNA content [MP:0011639]| decreased fatty acid beta-oxidation [MP:0014174]| decreased adipocyte glucose uptake [MP:0030017]

Affected Gene: Sesn2

Catalog Number: 010431-UCD

Background: Gene Trap

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12520002](#)

Alternate IDs: MMRRC_10431-UCD, MMRRC_010431, MMRRC_1431

Organism Name: B6;129P2-Sesn2^{Gt(RRJ141)Byg}/Mmucd

Record Creation Time: 20230308T054905+0000

Record Last Update: 20260919T133238+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Sesn2^{Gt(RRJ141)Byg}/Mmucd.

No alerts have been found for B6;129P2-Sesn2^{Gt(RRJ141)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.