

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

[Arrdc3^{Gt\(CSE151\)Byg}/Arrdc3^{Gt\(CSE151\)Byg}](#)

RRID:MGI:5304735

Type: Organism

Proper Citation

RRID:MGI:5304735

Organism Information

URL:

Proper Citation: RRID:MGI:5304735

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: abnormal energy homeostasis, perinatal lethality, incomplete penetrance, decreased circulating insulin level, decreased white fat cell size, decreased body length, decreased gonadal fat pad weight, decreased percent body fat/body weight, decreased susceptibility to hepatic steatosis, decreased susceptibility to age related obesity, increased circulating ketone body level, abnormal glucose homeostasis, abnormal lipid homeostasis, abnormal hormone level, increased insulin sensitivity, abnormal brown fat cell morphology, decreased circulating triglyceride level, decreased circulating triiodothyronine level, decreased body weight, decreased circulating leptin level, decreased circulating glucose level, decreased susceptibility to induced hypothermia

Affected Gene: Arrdc3

Genomic Alteration: Gt(CSE151)Byg

Catalog Number: 5304735

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21982743](#)

Organism Name: Arrdc3^{Gt(CSE151)Byg}/Arrdc3^{Gt(CSE151)Byg}

Record Creation Time: 20240120T190200+0000

Record Last Update: 20240130T201750+0000

Ratings and Alerts

No rating or validation information has been found for Arrdc3^{Gt(CSE151)Byg}/Arrdc3^{Gt(CSE151)Byg}.

No alerts have been found for Arrdc3^{Gt(CSE151)Byg}/Arrdc3^{Gt(CSE151)Byg}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.