

Resource Summary Report

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

[Appl1](#)[Gt\(RRS819\)Byg](#)/[Appl1](#)[Gt\(RRS819\)Byg](#)

RRID:MGI:5789933

Type: Organism

Proper Citation

RRID:MGI:5789933

Organism Information

URL:

Proper Citation: RRID:MGI:5789933

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

Species: Mus musculus

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

Phenotype: behavior/neurological phenotype, impaired glucose tolerance, abnormal hepatic glucose production, hyperactivity, homeostasis/metabolism phenotype, growth/size/body region phenotype, increased fasting circulating glucose level, increased core body temperature, insulin resistance, abnormal brown adipose tissue physiology, increased circulating insulin level

Affected Gene: Appl1

Genomic Alteration: Gt(RRS819)Byg

Catalog Number: 5789933

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:24813896](#)

Organism Name: Appl1Gt(RRS819)Byg/Appl1Gt(RRS819)Byg

Record Creation Time: 20240120T185857+0000

Record Last Update: 20240130T201558+0000

Ratings and Alerts

No rating or validation information has been found for Appl1^{Gt(RRS819)Byg}/Appl1^{Gt(RRS819)Byg}.

No alerts have been found for Appl1^{Gt(RRS819)Byg}/Appl1^{Gt(RRS819)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.