

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

[Prkab2^{tm1.1Grst}/Prkab2^{tm1.1Grst}](#)

RRID:MGI:4868758

Type: Organism

Proper Citation

RRID:MGI:4868758

Organism Information

URL:

Proper Citation: RRID:MGI:4868758

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: insulin resistance, decreased skeletal muscle glycogen level, increased muscle cell glucose uptake, abnormal lipid homeostasis, decreased muscle cell glucose uptake, decreased liver glycogen level, impaired exercise endurance, decreased physiological sensitivity to xenobiotic, increased circulating insulin level, abnormal glucose homeostasis, muscle weakness, increased susceptibility to diet-induced obesity, decreased skeletal muscle fiber size

Affected Gene: Prkab2

Genomic Alteration: tm1.1Grst

Catalog Number: 4868758

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20855892](#)

Organism Name: Prkab2^{tm1.1Grst}/Prkab2^{tm1.1Grst}

Record Creation Time: 20240120T190235+0000

Record Last Update: 20240130T201809+0000

Ratings and Alerts

No rating or validation information has been found for Prkab2^{tm1.1Grst}/Prkab2^{tm1.1Grst}.

No alerts have been found for Prkab2^{tm1.1Grst}/Prkab2^{tm1.1Grst}.

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.