

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

[Prkab1^{tm1Eihl}](#)/[Prkab1^{tm1Eihl}](#)

RRID:MGI:4439278

Type: Organism

Proper Citation

RRID:MGI:4439278

Organism Information

URL:

Proper Citation: RRID:MGI:4439278

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

Species: Mus musculus

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

Phenotype: abnormal hepatocyte physiology, decreased food intake, decreased circulating interleukin-6 level, abnormal lipid level, decreased body weight, decreased circulating insulin level, homeostasis/metabolism phenotype, decreased epididymal fat pad weight, decreased liver triglyceride level, homeostasis/metabolism phenotype, decreased susceptibility to hepatic steatosis, decreased circulating leptin level, increased insulin sensitivity, renal/urinary system phenotype, decreased susceptibility to diet-induced obesity

Affected Gene: Prkab1

Genomic Alteration: tm1Eihl

Catalog Number: 4439278

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19892703](#), [PMID:22253816](#)

Organism Name: Prkab1^{tm1Eihl}/Prkab1^{tm1Eihl}

Record Creation Time: 20240120T190303+0000

Record Last Update: 20240130T201824+0000

Ratings and Alerts

No rating or validation information has been found for Prkab1^{tm1Eihl}/Prkab1^{tm1Eihl}.

No alerts have been found for Prkab1^{tm1Eihl}/Prkab1^{tm1Eihl}.

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.