

Resource Summary Report

Generated by [dkNET](#) on Aug 1, 2026

[Pnpla2^{tm1Rze}/Pnpla2^{tm1Rze}](#)

RRID:MGI:3629097

Type: Organism

Proper Citation

RRID:MGI:3629097

Organism Information

URL:

Proper Citation: RRID:MGI:3629097

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

Species: Mus musculus

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

Phenotype: abnormal lipid homeostasis, abnormal gas homeostasis, cardiac edema, decreased ventricle muscle contractility, increased gonadal fat pad weight, increased inguinal fat pad weight, abnormal white adipose tissue morphology, increased body mass index, increased body weight, increased brown adipose tissue amount, increased circulating leptin level, increased triglyceride level, hepatic steatosis, abnormal myocardium layer morphology, abnormal cardiomyocyte apoptosis, abnormal cardiovascular system physiology, abnormal myocardial fiber morphology, thick interventricular septum, cardiac fibrosis, increased heart weight, premature death, increased interscapular fat pad weight, abnormal brown adipose tissue morphology, decreased circulating glucose level, abnormal respiratory quotient, pulmonary vascular congestion, dilated heart right ventricle, dilated heart left ventricle, decreased circulating triglyceride level, increased insulin sensitivity, improved glucose tolerance, decreased circulating insulin level, abnormal homeostasis, abnormal circulating glucose level, abnormal circulating insulin level, decreased circulating free fatty acid level, decreased circulating VLDL triglyceride level, abnormal glucose tolerance, decreased circulating HDL cholesterol level, impaired adaptive thermogenesis, decreased oxygen consumption, congestive heart failure, impaired lipolysis, abnormal heart morphology, abnormal circulating hormone level

Affected Gene: Pnpla2

Genomic Alteration: tm1Rze

Catalog Number: 3629097

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:16675698](#)

Organism Name: Pnpla2^{tm1Rze}/Pnpla2^{tm1Rze}

Record Creation Time: 20240120T190554+0000

Record Last Update: 20240130T202001+0000

Ratings and Alerts

No rating or validation information has been found for Pnpla2^{tm1Rze}/Pnpla2^{tm1Rze}.

No alerts have been found for Pnpla2^{tm1Rze}/Pnpla2^{tm1Rze}.

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.