

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Ppargc1a^{tm1Dpk}/Ppargc1a^{tm1Dpk}](#)

RRID:MGI:3530153

Type: Organism

Proper Citation

RRID:MGI:3530153

Organism Information

URL:

Proper Citation: RRID:MGI:3530153

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

Species: Mus musculus

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

Phenotype: increased thigmotaxis, abnormal cerebellum morphology, abnormal brainstem morphology, abnormal body weight, impaired adaptive thermogenesis, abnormal basal ganglion morphology, decreased soleus weight, decreased skeletal muscle weight, abnormal skeletal muscle fiber morphology, decreased grip strength, abnormal cerebral cortex morphology, decreased cardiac output, decreased heart weight, abnormal cellular respiration, decreased oxygen consumption, decreased ventricle muscle contractility, fatigue, abnormal locomotor behavior, hepatic steatosis, improved glucose tolerance, increased total body fat amount, increased insulin sensitivity, decreased gastrocnemius weight, abnormal hippocampus morphology, abnormal liver physiology, increased percent body fat/body weight, muscle fatigue, increased susceptibility to weight gain, decreased heart rate

Affected Gene: Ppargc1a

Genomic Alteration: tm1Dpk

Catalog Number: 3530153

Background: involves: 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15760270](#)

Organism Name: Ppargc1a^{tm1Dpk}/Ppargc1a^{tm1Dpk}

Record Creation Time: 20240120T190638+0000

Record Last Update: 20240130T202026+0000

Ratings and Alerts

No rating or validation information has been found for Ppargc1a^{tm1Dpk}/Ppargc1a^{tm1Dpk}.

No alerts have been found for Ppargc1a^{tm1Dpk}/Ppargc1a^{tm1Dpk}.

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.