

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

[Gpr50^{tm1Dgen}/Gpr50^{tm1Dgen}](#)

RRID:MGI:3811204

Type: Organism

Proper Citation

RRID:MGI:3811204

Organism Information

URL:

Proper Citation: RRID:MGI:3811204

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

Species: Mus musculus

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

Phenotype: decreased percent body fat/body weight, hyperactivity, slow postnatal weight gain, decreased susceptibility to diet-induced obesity, increased carbon dioxide production, increased oxygen consumption, increased food intake, abnormal postnatal growth/weight/body size

Affected Gene: Gpr50

Genomic Alteration: tm1Dgen

Catalog Number: 3811204

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17957037](#)

Organism Name: Gpr50^{tm1Dgen}/Gpr50^{tm1Dgen}

Record Creation Time: 20240120T190415+0000

Record Last Update: 20240130T201931+0000

Ratings and Alerts

No rating or validation information has been found for Gpr50^{tm1Dgen}/Gpr50^{tm1Dgen}.

No alerts have been found for Gpr50^{tm1Dgen}/Gpr50^{tm1Dgen}.

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.