

# Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

## [Crtc3<sup>tm1Mmy</sup>/Crtc3<sup>tm1Mmy</sup>](#)

RRID:MGI:4879977

Type: Organism

### Proper Citation

RRID:MGI:4879977

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4879977

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

**Species:** Mus musculus

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

**Phenotype:** abnormal glucose homeostasis, decreased circulating insulin level, abnormal cell physiology, increased muscle cell glucose uptake, abnormal white adipose tissue physiology, decreased brown fat cell lipid droplet size, decreased circulating free fatty acid level, decreased susceptibility to diet-induced obesity, increased oxygen consumption, decreased circulating leptin level, increased brown fat cell number, abnormal brown fat cell morphology, decreased total body fat amount, increased energy expenditure, increased insulin sensitivity, increased body temperature, decreased susceptibility to hepatic steatosis, decreased white fat cell size

**Affected Gene:** Crtc3

**Genomic Alteration:** tm1Mmy

**Catalog Number:** 4879977

**Background:** involves: 129S1/Sv \* 129X1/SvJ \* C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:21164481](#)

**Organism Name:** Crtc3<sup>tm1Mmy</sup>/Crtc3<sup>tm1Mmy</sup>

**Record Creation Time:** 20240120T190234+0000

**Record Last Update:** 20240130T201809+0000

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## Ratings and Alerts

No rating or validation information has been found for Crtc3<sup>tm1Mmy</sup>/Crtc3<sup>tm1Mmy</sup>.

No alerts have been found for Crtc3<sup>tm1Mmy</sup>/Crtc3<sup>tm1Mmy</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.