

# Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

## [Adra1b<sup>tm1Cta</sup>/Adra1b<sup>tm1Cta</sup>](#)

RRID:MGI:3689189

Type: Organism

### Proper Citation

RRID:MGI:3689189

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3689189

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

**Species:** Mus musculus

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

**Phenotype:** increased liver glycogen level, increased exploration in new environment, abnormal spatial learning, abnormal glucose homeostasis, increased susceptibility to diet-induced obesity, decreased circulating free fatty acid level, increased percent body fat/body weight, impaired behavioral response to addictive substance, insulin resistance, increased circulating leptin level, abnormal response to novel object, abnormal learning/memory/conditioning, increased circulating insulin level, hyperglycemia, decreased skeletal muscle glycogen level, impaired conditioned place preference behavior, abnormal pancreatic beta cell physiology, impaired glucose tolerance

**Affected Gene:** Adra1b

**Genomic Alteration:** tm1Cta

**Catalog Number:** 3689189

**Background:** involves: 129P2/OlaHsd \* C57BL/6J

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:14581480](#), [PMID:11923452](#), [PMID:11222061](#)

**Organism Name:** Adra1b<sup>tm1Cta</sup>/Adra1b<sup>tm1Cta</sup>

**Record Creation Time:** 20240120T190541+0000

**Record Last Update:** 20240130T201954+0000

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## Ratings and Alerts

No rating or validation information has been found for Adra1b<sup>tm1Cta</sup>/Adra1b<sup>tm1Cta</sup>.

No alerts have been found for Adra1b<sup>tm1Cta</sup>/Adra1b<sup>tm1Cta</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.