

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 2, 2026

[Adra1b^{tm1Cta}/Adra1b^{tm1Cta}](#)

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^{tm1Cta}/Adra1b^{tm1Cta}

Record Creation Time: 20240120T190541+0000

Record Last Update: 20240130T201954+0000

Ratings and Alerts

No rating or validation information has been found for Adra1b^{tm1Cta}/Adra1b^{tm1Cta}.

No alerts have been found for Adra1b^{tm1Cta}/Adra1b^{tm1Cta}.

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.