

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

[Aldh1b1^{tm1.1\(KOMP\)Vl}cg/Aldh1b1^{tm1.1\(KOMP\)Vl}cg](#)

RRID:MGI:5795840

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5795840

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

Species: Mus musculus

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

Phenotype: homeostasis/metabolism phenotype, abnormal calcium ion homeostasis, insulin resistance, increased insulin secretion, increased pancreatic alpha cell number, increased pancreatic islet cell apoptosis, increased pancreatic beta cell mass, increased glucagon secretion, abnormal pancreatic islet morphology, increased pancreatic delta cell number, hyperglycemia, impaired glucose tolerance, abnormal pancreas development, increased pancreatic beta cell apoptosis, oxidative stress, decreased insulin secretion, increased pancreatic beta cell proliferation, pancreatic islet hyperplasia, abnormal pancreatic beta cell differentiation

Affected Gene: Aldh1b1

Genomic Alteration: tm1.1(KOMP)Vl

Catalog Number: 5795840

Background: involves: C57BL/6J * C57BL/6NTac * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:26518685](#)

Organism Name: Aldh1b1^{tm1.1(KOMP)Vlcg}/Aldh1b1^{tm1.1(KOMP)Vlcg}

Record Creation Time: 20240120T185854+0000

Record Last Update: 20240130T201556+0000

Ratings and Alerts

No rating or validation information has been found for Aldh1b1^{tm1.1(KOMP)Vlcg}/Aldh1b1^{tm1.1(KOMP)Vlcg}.

No alerts have been found for Aldh1b1^{tm1.1(KOMP)Vlcg}/Aldh1b1^{tm1.1(KOMP)Vlcg}.

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.