

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

[Aqp7^{tm1Chan}/Aqp7^{tm1Chan}](#)

RRID:MGI:3723645

Type: Organism

Proper Citation

RRID:MGI:3723645

Organism Information

URL:

Proper Citation: RRID:MGI:3723645

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

Species: Mus musculus

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

Phenotype: small pancreatic islets, decreased PP cell number, increased circulating insulin level, decreased pancreatic alpha cell number, adipose tissue phenotype, increased glycerol level, abnormal pancreatic islet morphology, decreased pancreatic beta cell number, increased cellular glucose import, increased insulin secretion

Affected Gene: Aqp7

Genomic Alteration: tm1Chan

Catalog Number: 3723645

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:17576812](#)

Organism Name: Aqp7^{tm1Chan}/Aqp7^{tm1Chan}

Record Creation Time: 20240120T190500+0000

Record Last Update: 20240130T202026+0000

Ratings and Alerts

No rating or validation information has been found for Aqp7^{tm1Chan}/Aqp7^{tm1Chan}.

No alerts have been found for Aqp7^{tm1Chan}/Aqp7^{tm1Chan}.

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.