

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 21, 2026

Tg(TTR-INSR)L3Dac; Insr^{tm1Dac}/Insr^{tm1Dac}

RRID:MGI:4831151

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4831151

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

Species: Mus musculus

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

Phenotype: abnormal pancreatic islet morphology, enlarged liver, increased circulating insulin level, postnatal growth retardation, decreased white adipose tissue amount, increased pancreatic beta cell mass, abnormal liver physiology, liver degeneration, hyperglycemia, hepatic steatosis, premature death, decreased liver glycogen level, increased circulating glucose level, female infertility, decreased birth weight

Affected Gene: Insr

Genomic Alteration: tm1Dac, Tg(TTR-INSR)L3Dac

Catalog Number: 4831151

Background: involves: 129S4/SvJae * C57BL/6 * FVB

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15254588](#)

Organism Name: Tg(TTR-INSR)L3Dac; Insr^{tm1Dac}/Insr^{tm1Dac}

Record Creation Time: 20240120T190245+0000

Record Last Update: 20240130T201814+0000

Ratings and Alerts

No rating or validation information has been found for Tg(TTR-INSR)L3Dac; Insr^{tm1Dac}/Insr^{tm1Dac}.

No alerts have been found for Tg(TTR-INSR)L3Dac; Insr^{tm1Dac}/Insr^{tm1Dac}.

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.