

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

[Actb^{tm1\(INSR\)Dac}/Actb^{tm1\(INSR\)Dac}; Tg\(Camk2a-cre\)#Szi; Insr^{tm1Dac}/Insr^{tm1Dac}](#)

RRID:MGI:4831152

Type: Organism

Proper Citation

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Organism Information

URL:

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

Species: Mus musculus

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

Phenotype: increased circulating glucose level, increased circulating insulin level, premature death

Affected Gene: Insr, Actb

Genomic Alteration: tm1Dac, Tg(Camk2a-cre)#Szi, tm1(INSR)Dac

Catalog Number: 4831152

Background: involves: 129S1/Sv * 129S4/SvJae * 129X1/SvJ * C57BL/6J * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15254588](#)

Organism Name: Actb^{tm1(INSR)Dac}/Actb^{tm1(INSR)Dac}; Tg(Camk2a-cre)#Szi; 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 Actb^{tm1(INSR)Dac}/Actb^{tm1(INSR)Dac}; Tg(Camk2a-cre)#Szi; Insr^{tm1Dac}/Insr^{tm1Dac}.

No alerts have been found for Actb^{tm1(INSR)Dac}/Actb^{tm1(INSR)Dac}; Tg(Camk2a-cre)#Szi; 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.