

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 20, 2026

[Actb<sup>tm1\(INSR\)Dac</sup>/Actb<sup>tm1\(INSR\)Dac</sup>; Tg\(Camk2a-cre\)#Szi; Insr<sup>tm1Dac</sup>/Insr<sup>tm1Dac</sup>](#)

RRID:MGI:4831152

Type: Organism

## Proper Citation

RRID:MGI:4831152

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4831152

**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<sup>tm1(INSR)Dac</sup>/Actb<sup>tm1(INSR)Dac</sup>; Tg(Camk2a-cre)#Szi; Insr<sup>tm1Dac</sup>/Insr<sup>tm1Dac</sup>

**Record Creation Time:** 20240120T190245+0000

**Record Last Update:** 20240130T201814+0000

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## Ratings and Alerts

No rating or validation information has been found for Actb<sup>tm1(INSR)Dac</sup>/Actb<sup>tm1(INSR)Dac</sup>; Tg(Camk2a-cre)#Szi; Insr<sup>tm1Dac</sup>/Insr<sup>tm1Dac</sup>.

No alerts have been found for Actb<sup>tm1(INSR)Dac</sup>/Actb<sup>tm1(INSR)Dac</sup>; Tg(Camk2a-cre)#Szi; Insr<sup>tm1Dac</sup>/Insr<sup>tm1Dac</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.