

# Resource Summary Report

Generated by [kravitz2](#) on Aug 2, 2026

[Actb<sup>tm1\(INSR\)Dac</sup>/Actb<sup>tm1\(INSR\)Dac</sup>; Tg\(Syn1-cre\)671Jxm; Insr<sup>tm1Dac</sup>/Insr<sup>tm1Dac</sup>](#)

RRID:MGI:4831155

Type: Organism

## Proper Citation

RRID:MGI:4831155

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4831155

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

**Species:** Mus musculus

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

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

**Affected Gene:** Insr, Actb, Tg(Syn1-cre)671Jxm

**Genomic Alteration:** tm1Dac, Tg(Syn1-cre)671Jxm, tm1(INSR)Dac

**Catalog Number:** 4831155

**Background:** involves: 129S1/Sv \* 129S4/SvJae \* 129X1/SvJ \* C57BL/6 \* 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(Syn1-cre)671Jxm; 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(Syn1-cre)671Jxm; 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(Syn1-cre)671Jxm; 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.