

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 20, 2026

## [Tg\(Ins2-Sec61a1\)#Gek; Sec61a1<sup>m1Gek</sup>/Sec61a1<sup>m1Gek</sup>](#)

RRID:MGI:4831013

Type: Organism

### Proper Citation

RRID:MGI:4831013

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4831013

**Description:** Allele Detail: Transgenic, Chemically induced (ENU) This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Transgenic, Chemically induced (ENU) This is a legacy resource.

**Phenotype:** abnormal pancreatic beta cell morphology, liver cirrhosis, homeostasis/metabolism phenotype, hepatic steatosis, enlarged liver, endocrine/exocrine gland phenotype, decreased total body fat amount, decreased lean body mass, decreased body size

**Affected Gene:** Sec61a1

**Genomic Alteration:** Tg(Ins2-Sec61a1)#Gek, m1Gek

**Catalog Number:** 4831013

**Background:** C57BL/6-Sec61a1 Tg(Ins2-Sec61a1)#Gek

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:19934005](#)

**Organism Name:** Tg(Ins2-Sec61a1)#Gek; Sec61a1<sup>m1Gek</sup>/Sec61a1<sup>m1Gek</sup>

**Record Creation Time:** 20240120T190246+0000

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

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## Ratings and Alerts

No rating or validation information has been found for Tg(Ins2-Sec61a1)#Gek; Sec61a1<sup>m1Gek</sup>/Sec61a1<sup>m1Gek</sup>.

No alerts have been found for Tg(Ins2-Sec61a1)#Gek; Sec61a1<sup>m1Gek</sup>/Sec61a1<sup>m1Gek</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.