

Resource Summary Report

Generated by [T1D](#) on Sep 23, 2026

[Tg\(Ins2-Sec61a1\)#Gek; Sec61a1^{m1Gek}/Sec61a1^{m1Gek}](#)

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^{m1Gek}/Sec61a1^{m1Gek}

Record Creation Time: 20240120T190246+0000

Record Last Update: 20240130T201814+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Ins2-Sec61a1)#Gek; Sec61a1^{m1Gek}/Sec61a1^{m1Gek}.

No alerts have been found for Tg(Ins2-Sec61a1)#Gek; Sec61a1^{m1Gek}/Sec61a1^{m1Gek}.

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.