

Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

Tg(Ins2-TCF1*P291)2Kya

RRID:MGI:3603406

Type: Organism

Proper Citation

RRID:MGI:3603406

Organism Information

URL:

Proper Citation: RRID:MGI:3603406

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

Species: Mus musculus

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

Phenotype: abnormal pancreatic islet morphology, decreased insulin secretion, decreased pancreatic beta cell number, disorganized pancreatic islets, hyperglycemia, abnormal pancreatic beta cell physiology, small pancreatic islets, decreased pancreatic beta cell proliferation

Genomic Alteration: Tg(Ins2-TCF1*P291)2Kya

Catalog Number: 3603406

Background: involves: C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11756330](#)

Organism Name: Tg(Ins2-TCF1*P291)2Kya

Record Creation Time: 20240120T190619+0000

Record Last Update: 20240130T202056+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Ins2-TCF1*P291)2Kya.

No alerts have been found for Tg(Ins2-TCF1*P291)2Kya.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Tiemessen MM, et al. (2012) The nuclear effector of Wnt-signaling, Tcf1, functions as a T-cell-specific tumor suppressor for development of lymphomas. PLoS biology, 10(11), e1001430.

Ma J, et al. (2011) Critical role of TCF-1 in repression of the IL-17 gene. PloS one, 6(9), e24768.