

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[Igfbp5^{tm1Jep}/Igfbp5^{tm1Jep}](#); [Igfbp3^{tm1Jep}/Igfbp3^{tm1Jep}](#); [Igfbp4^{tm1Jep}/Igfbp4^{tm1Jep}](#)

RRID:MGI:3664121

Type: Organism

Proper Citation

RRID:MGI:3664121

Organism Information

URL:

Proper Citation: RRID:MGI:3664121

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

Species: Mus musculus

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

Phenotype: increased circulating insulin level, increased insulin secretion, abnormal pancreatic beta cell morphology, decreased quadriceps weight, decreased total fat pad weight, decreased circulating insulin-like growth factor I level, decreased circulating glucose level, decreased body weight, abnormal abdominal fat pad morphology, abnormal enzyme/coenzyme activity, abnormal glucose homeostasis

Affected Gene: Igfbp4, Igfbp3, Igfbp5

Genomic Alteration: tm1Jep

Catalog Number: 3664121

Background: involves: 129S/SvEv * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16675541](#)

Organism Name: Igfbp5^{tm1Jep}/Igfbp5^{tm1Jep}; Igfbp3^{tm1Jep}/Igfbp3^{tm1Jep}; Igfbp4^{tm1Jep}/Igfbp4^{tm1Jep}

Record Creation Time: 20240120T190545+0000

Record Last Update: 20240130T201956+0000

Ratings and Alerts

No rating or validation information has been found for Igfbp5^{tm1Jep}/Igfbp5^{tm1Jep}; Igfbp3^{tm1Jep}/Igfbp3^{tm1Jep}; Igfbp4^{tm1Jep}/Igfbp4^{tm1Jep}.

No alerts have been found for Igfbp5^{tm1Jep}/Igfbp5^{tm1Jep}; Igfbp3^{tm1Jep}/Igfbp3^{tm1Jep}; Igfbp4^{tm1Jep}/Igfbp4^{tm1Jep}.

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.