

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

STOCK Tg(Ins2-rtTA)2Efr Tg(teto-DTA)1Gfi/J

RRID:IMSR_JAX:008755

Type: Organism

Proper Citation

RRID:IMSR_JAX:008755

Organism Information

URL: <https://www.jax.org/strain/008755>

Proper Citation: RRID:IMSR_JAX:008755

Description: Mus musculus with name STOCK Tg(Ins2-rtTA)2Efr Tg(teto-DTA)1Gfi/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: insulin II|Diphtheria toxin A chain|transgene insertion 2; Shimon Efrat|transgene insertion 1; Glenn I Fishman|reverse tetracycline-controlled transactivator|tet operator; mutant stock: Ins2|Dta|Tg(Ins2-rtTA)2Efr|Tg(tetO-DTA)1Gfi|rtTA|tetO

Affected Gene: insulin II|Diphtheria toxin A chain|transgene insertion 2; Shimon Efrat|transgene insertion 1; Glenn I Fishman|reverse tetracycline-controlled transactivator|tet operator

Genomic Alteration: transgene insertion 2; Shimon Efrat|transgene insertion 1; Glenn I Fishman

Catalog Number: JAX:008755

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Ins2-rtTA)2Efr Tg(teto-DTA)1Gfi/J

Record Creation Time: 20250513T053711+0000

Record Last Update: 20260829T045014+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Ins2-rtTA)2Efr Tg(teto-DTA)1Gfi/J.

No alerts have been found for STOCK Tg(Ins2-rtTA)2Efr Tg(teto-DTA)1Gfi/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Xi Y, et al. (2022) Glucagon-receptor-antagonism-mediated β -cell regeneration as an effective anti-diabetic therapy. Cell reports, 39(9), 110872.