

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

FVB/N-Tg(Ins1-luc)VUPwrs/J

RRID:IMSR_JAX:007800

Type: Organism

Proper Citation

RRID:IMSR_JAX:007800

Organism Information

URL: <https://www.jax.org/strain/007800>

Proper Citation: RRID:IMSR_JAX:007800

Description: Mus musculus with name FVB/N-Tg(Ins1-luc)VUPwrs/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: luciferase|insulin I|transgene insertion VU; Alvin Powers; coisogenic strain|mutant strain: luc|Ins1|Tg(Ins1-luc)VUPwrs

Affected Gene: luciferase|insulin I|transgene insertion VU; Alvin Powers

Genomic Alteration: transgene insertion VU; Alvin Powers

Catalog Number: JAX:007800

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB/N-Tg(Ins1-luc)VUPwrs/J

Record Creation Time: 20250513T053704+0000

Record Last Update: 20260912T060449+0000

Ratings and Alerts

No rating or validation information has been found for FVB/N-Tg(Ins1-luc)VUPwrs/J.

No alerts have been found for FVB/N-Tg(Ins1-luc)VUPwrs/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](#) .

Jung Y, et al. (2018) Isl1? Overexpression With Key ? Cell Transcription Factors Enhances Glucose-Responsive Hepatic Insulin Production and Secretion. Endocrinology, 159(2), 869.