Resource Summary Report

Generated by Kravitz on Sep 19, 2026

B6.Cg-Tg(Ins1-EGFP)1Hara/J

RRID:IMSR_JAX:006864
Type: Organism

Proper Citation

RRID:IMSR_JAX:006864

Organism Information

URL: https://www.jax.org/strain/006864

Proper Citation: RRID:IMSR_JAX:006864

Description: Mus musculus with name B6.Cg-Tg(Ins1-EGFP)1Hara/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion 1; Manami Hara|insulin I; mutant strain: |Tg(Ins1-EGFP)1Hara|Ins1

Affected Gene: |transgene insertion 1; Manami Hara|insulin I

Genomic Alteration: transgene insertion 1; Manami Hara

Catalog Number: JAX:006864

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(Ins1-EGFP)1Hara/J

Record Creation Time: 20250513T053659+0000

Record Last Update: 20260919T054849+0000

Ratings and Alerts

- Used for genotyping by the Human Islet Research Network community. Contact(s): Mark Huising - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for B6.Cg-Tg(Ins1-EGFP)1Hara/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Bok S, et al. (2023) A multi-stem cell basis for craniosynostosis and calvarial mineralization. Nature, 621(7980), 804.

Fukaishi T, et al. (2021) Characterisation of Ppy-lineage cells clarifies the functional heterogeneity of pancreatic beta cells in mice. Diabetologia, 64(12), 2803.

Yu H, et al. (2020) Generation of Multipotent Stem Cells from Adult Human Peripheral Blood Following the Treatment with Platelet-Derived Mitochondria. Cells, 9(6).

Elhanani O, et al. (2020) Protocol for Studying Reprogramming of Mouse Pancreatic Acinar Cells to ?-like Cells. STAR protocols, 1(2), 100096.

Xue J, et al. (2019) CDK8 Regulates Insulin Secretion and Mediates Postnatal and Stress-Induced Expression of Neuropeptides in Pancreatic ? Cells. Cell reports, 28(11), 2892.

Ceasrine AM, et al. (2018) Adrb2 controls glucose homeostasis by developmental regulation of pancreatic islet vasculature. eLife, 7.

Malhotra D, et al. (2016) Tolerance is established in polyclonal CD4(+) T cells by distinct mechanisms, according to self-peptide expression patterns. Nature immunology, 17(2), 187.

Brand C, et al. (2014) In vivo imaging of GLP-1R with a targeted bimodal PET/fluorescence imaging agent. Bioconjugate chemistry, 25(7), 1323.

Keliher EJ, et al. (2012) Efficient 18F-Labeling of Synthetic Exendin-4 Analogues for Imaging Beta Cells. ChemistryOpen, 1(4), 177.