

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

STOCK *Insm1*^{tm1.1(GFP/cre)}*Mgn*/Mmjax

RRID:MMRRC_036986-JAX

Type: Organism

Proper Citation

RRID:MMRRC_036986-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=36986

Proper Citation: RRID:MMRRC_036986-JAX

Description: Mus musculus with name STOCK *Insm1*^{tm1.1(GFP/cre)}*Mgn*/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Diabetes, Neurobiology, Research Tools, Sensorineural; Mutation Type: Targeted Mutation ; Collection: BCBC-Beta Cell Biology Consortium

Phenotype: lethality throughout fetal growth and development [MP:0006208] abnormal endocrine pancreas morphology [MP:0009165] lethality [MP:0011400] complete penetrance [MP:0011910] decreased pancreatic endocrine progenitor cell proliferation [MP:0011911] abnormal pancreatic endocrine progenitor cell physiology [MP:0011932]

Affected Gene: *Insm1*

Catalog Number: 036986-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_36986-JAX, MMRRC_036986, MMRRC_36986

Organism Name: STOCK *Insm1*^{tm1.1(GFP/cre)}*Mgn*/Mmjax

Record Creation Time: 20230308T055149+0000

Record Last Update: 20260801T124343+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Insm1^{tm1.1(GFP/cre)}Mgn/Mmjax*.

No alerts have been found for STOCK *Insm1^{tm1.1(GFP/cre)}Mgn/Mmjax*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Foo CZ, et al. (2025) Differential Chromatin Accessibility, Gene Expression, and mRNA Splicing Between Developing Cochlear Inner and Outer Hair Cells. Journal of the Association for Research in Otolaryngology : JARO.

Touhara KK, et al. (2024) Crypt and Villus Enterochromaffin Cells are Distinct Stress Sensors in the Gut. bioRxiv : the preprint server for biology.