

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

STOCK Ascl1^{tm2.1Fgu}/JejoJ

RRID:IMSR_JAX:037042

Type: Organism

Proper Citation

RRID:IMSR_JAX:037042

Organism Information

URL: <https://www.jax.org/strain/037042>

Proper Citation: RRID:IMSR_JAX:037042

Description: Mus musculus with name STOCK Ascl1^{tm2.1Fgu}/JejoJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: achaete-scute family bHLH transcription factor 1; mutant stock: Ascl1

Affected Gene: achaete-scute family bHLH transcription factor 1

Genomic Alteration: targeted mutation 2.1; Francois Guillemot

Catalog Number: JAX:037042

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Ascl1^{tm2.1Fgu}/JejoJ

Record Creation Time: 20250513T053857+0000

Record Last Update: 20260808T051051+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Ascl1^{tm2.1Fgu}/JejoJ.

No alerts have been found for STOCK Ascl1^{tm2.1Fgu}/JejoJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Osipovich AB, et al. (2025) Dynamic Ca²⁺-Dependent Transcription Links Metabolic Stress to Impaired β -Cell Identity. Diabetes, 74(9), 1547.

Rodarte KE, et al. (2024) Neuroendocrine Differentiation in Prostate Cancer Requires ASCL1. Cancer research, 84(21), 3522.

Osipovich AB, et al. (2023) Deletion of Ascl1 in pancreatic β -cells improves insulin secretion, promotes parasympathetic innervation, and attenuates dedifferentiation during metabolic stress. Molecular metabolism, 78, 101811.