

Resource Summary Report

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

C57BL/6J-A^{w-J}/J

RRID:IMSR_JAX:000051

Type: Organism

Proper Citation

RRID:IMSR_JAX:000051

Organism Information

URL: <https://www.jax.org/strain/000051>

Proper Citation: RRID:IMSR_JAX:000051

Description: Mus musculus with name C57BL/6J-A^{w-J}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: nonagouti; mutant strain: a

Affected Gene: nonagouti

Genomic Alteration: white bellied agouti Jackson

Catalog Number: JAX:000051

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6J-A^{w-J}/J

Record Creation Time: 20250513T053614+0000

Record Last Update: 20260912T060400+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-A^{w-J}/J.

No alerts have been found for C57BL/6J-A^{w-J}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Montenegro D, et al. (2022) Products of the visual cycle are detected in mice lacking retinol binding protein 4, the only known vitamin A carrier in plasma. The Journal of biological chemistry, 298(12), 102722.

Dutrow EV, et al. (2022) Modeling uniquely human gene regulatory function via targeted humanization of the mouse genome. Nature communications, 13(1), 304.

Sebo ZL, et al. (2022) Prepubertal androgen signaling is required to establish male fat distribution. Stem cell reports, 17(5), 1081.

Korecki AJ, et al. (2019) Twenty-Seven Tamoxifen-Inducible iCre-Driver Mouse Strains for Eye and Brain, Including Seventeen Carrying a New Inducible-First Constitutive-Ready Allele. Genetics, 211(4), 1155.

Carola V, et al. (2014) Modulation of social behavior by the agouti pigmentation gene. Frontiers in behavioral neuroscience, 8, 259.

Dutia R, et al. (2013) Effects of AgRP inhibition on energy balance and metabolism in rodent models. PloS one, 8(6), e65317.