

Resource Summary Report

Generated by [kravitz2](#) on Aug 10, 2026

MOLF/EiJ

RRID:IMSR_JAX:000550

Type: Organism

Proper Citation

RRID:IMSR_JAX:000550

Organism Information

URL: <https://www.jax.org/strain/000550>

Proper Citation: RRID:IMSR_JAX:000550

Description: Mus musculus with name MOLF/EiJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: cytochrome c oxidase subunit 7A2 like|aryl-hydrocarbon receptor|nonagouti|phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide|hemolytic complement; wild-derived inbred strain|inbred strain: Cox7a2|Ahr|a|Pde6b|Hc

Affected Gene: cytochrome c oxidase subunit 7A2 like|aryl-hydrocarbon receptor|nonagouti|phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide|hemolytic complement

Genomic Alteration: long|b-3 variant|M. m. molossinus|retinal degeneration 1|deficient

Catalog Number: JAX:000550

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: MOLF/EiJ

Record Creation Time: 20250513T053619+0000

Record Last Update: 20260808T050822+0000

Ratings and Alerts

No rating or validation information has been found for MOLF/EiJ.

No alerts have been found for MOLF/EiJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Brann DH, et al. (2026) A spatial code governs olfactory receptor choice and aligns sensory maps in the nose and brain. *Cell*, 189(11), 3358.

Ren W, et al. (2025) A tandem repeat atlas for the genome of inbred mouse strains: A genetic variation resource. *iScience*, 28(11), 113703.

Sheppard K, et al. (2022) Stride-level analysis of mouse open field behavior using deep-learning-based pose estimation. *Cell reports*, 38(2), 110231.

Muendlein HI, et al. (2020) Constitutive Interferon Attenuates RIPK1/3-Mediated Cytokine Translation. *Cell reports*, 30(3), 699.