

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

STOCK Mirc2^{tm1.1Tyj/J}

RRID:IMSR_JAX:008461

Type: Organism

Proper Citation

RRID:IMSR_JAX:008461

Organism Information

URL: <https://www.jax.org/strain/008461>

Proper Citation: RRID:IMSR_JAX:008461

Description: Mus musculus with name STOCK Mirc2^{tm1.1Tyj/J} from IMSR.

Species: Mus musculus

Synonyms: B6;Cg-Mirn106a-Mirn363/J. B6;129S4-Mirn106a-363/J. STOCK Mirn106a-363/J. STOCK Mir106a-363/J

Notes: gene symbol note: microRNA cluster 2; including Mir363 through Mir106a; mutant stock: Mirc2

Affected Gene: microRNA cluster 2; including Mir363 through Mir106a

Genomic Alteration: targeted mutation 1.1; Tyler Jacks

Catalog Number: JAX:008461

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Mirc2^{tm1.1Tyj/J}

Record Creation Time: 20250513T053709+0000

Record Last Update: 20260919T054857+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Mirc2^{tm1.1Tyj/J}.

No alerts have been found for STOCK Mirc2^{tm1.1Tyj/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Liao K, et al. (2024) Critical roles of the miR-17~92 family in thymocyte development, leukemogenesis, and autoimmunity. Cell reports, 43(6), 114261.

Zhang X, et al. (2020) MicroRNAs of the miR-17~9 family maintain adipose tissue macrophage homeostasis by sustaining IL-10 expression. eLife, 9.