

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

C57BL/6-Mir155^{tm1.1Ggard/J}

RRID:IMSR_JAX:026700

Type: Organism

Proper Citation

RRID:IMSR_JAX:026700

Organism Information

URL: <https://www.jax.org/strain/026700>

Proper Citation: RRID:IMSR_JAX:026700

Description: Mus musculus with name C57BL/6-Mir155^{tm1.1Ggard/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: microRNA 155; coisogenic strain|mutant strain: Mir155

Affected Gene: microRNA 155

Genomic Alteration: targeted mutation 1.1; Gwenn Garden

Catalog Number: JAX:026700

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Mir155^{tm1.1Ggard/J}

Record Creation Time: 20250513T053758+0000

Record Last Update: 20260829T045102+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Mir155^{tm1.1Ggard/J}.

No alerts have been found for C57BL/6-Mir155^{tm1.1Ggard/J}.

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 [NIF](#) .

Shi H, et al. (2022) Regulating microglial miR-155 transcriptional phenotype alleviates Alzheimer's-induced retinal vasculopathy by limiting Clec7a/Galectin-3+ neurodegenerative microglia. *Acta neuropathologica communications*, 10(1), 136.

Aggio-Bruce R, et al. (2021) Inhibition of microRNA-155 Protects Retinal Function Through Attenuation of Inflammation in Retinal Degeneration. *Molecular neurobiology*, 58(2), 835.

Leiss H, et al. (2017) MicroRNA 155-deficiency leads to decreased autoantibody levels and reduced severity of nephritis and pneumonitis in pristane-induced lupus. *PloS one*, 12(7), e0181015.

Dickey LL, et al. (2016) MicroRNA-155 enhances T cell trafficking and antiviral effector function in a model of coronavirus-induced neurologic disease. *Journal of neuroinflammation*, 13(1), 240.