

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

B6.Cg-Mir155^{tm1.1Rsky/J}

RRID:IMSR_JAX:030325

Type: Organism

Proper Citation

RRID:IMSR_JAX:030325

Organism Information

URL: <https://www.jax.org/strain/030325>

Proper Citation: RRID:IMSR_JAX:030325

Description: Mus musculus with name B6.Cg-Mir155^{tm1.1Rsky/J} from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Mir155/J. B6.Cg-Mir155/J

Notes: gene symbol note: microRNA 155|beta-galactosidase; mutant strain|congenic strain: Mir155|lacZ

Affected Gene: microRNA 155|beta-galactosidase

Genomic Alteration: targeted mutation 1.1; Klaus Rajewsky

Catalog Number: JAX:030325

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Mir155^{tm1.1Rsky/J}

Record Creation Time: 20250513T053814+0000

Record Last Update: 20260829T045119+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Mir155^{tm1.1Rsky/J}.

No alerts have been found for B6.Cg-Mir155^{tm1.1Rsky/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Etzrodt V, et al. (2021) Role of endothelial microRNA 155 on capillary leakage in systemic inflammation. Critical care (London, England), 25(1), 76.

Ji Y, et al. (2019) miR-155 harnesses Phf19 to potentiate cancer immunotherapy through epigenetic reprogramming of CD8+ T cell fate. Nature communications, 10(1), 2157.

Zhang M, et al. (2018) Neuroinvasive Listeria monocytogenes Infection Triggers IFN-Activation of Microglia and Upregulates Microglial miR-155. Frontiers in immunology, 9, 2751.

Harrison EB, et al. (2017) Induction of miR-155 after Brain Injury Promotes Type 1 Interferon and has a Neuroprotective Effect. Frontiers in molecular neuroscience, 10, 228.

Stathopoulou C, et al. (2017) Long non-coding RNA SeT and miR-155 regulate the Tnf?? gene allelic expression profile. PloS one, 12(9), e0184788.

Jablonski KA, et al. (2016) Control of the Inflammatory Macrophage Transcriptional Signature by miR-155. PloS one, 11(7), e0159724.

Yan Q, et al. (2016) Targeting miR-155 to Treat Experimental Scleroderma. Scientific reports, 6, 20314.

Rouquette-Jazdanian AK, et al. (2015) miR-155 Controls Lymphoproliferation in LAT Mutant Mice by Restraining T-Cell Apoptosis via SHIP-1/mTOR and PAK1/FOXO3/BIM Pathways. PloS one, 10(6), e0131823.