Resource Summary Report

Generated by NIF on Sep 9, 2026

B6.129-Mgat5^{tm1Jwd}/J

RRID:IMSR_JAX:006335
Type: Organism

Proper Citation

RRID:IMSR_JAX:006335

Organism Information

URL: https://www.jax.org/strain/006335

Proper Citation: RRID:IMSR_JAX:006335

Description: Mus musculus with name B6.129-Mgat5^{tm1Jwd}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: mannoside acetylglucosaminyltransferase 5|beta-galactosidase; mutant strain|congenic strain: Mgat5|lacZ

Affected Gene: mannoside acetylglucosaminyltransferase 5|beta-galactosidase

Genomic Alteration: targeted mutation 1; James W Dennis

Catalog Number: JAX:006335

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Mgat5^{tm1Jwd}/J

Record Creation Time: 20250513T053656+0000

Record Last Update: 20260905T044439+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Mgat5^{tm1Jwd}/J.

No alerts have been found for B6.129-Mgat5^{tm1Jwd}/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 .

Blidner AG, et al. (2025) Glycosylation-driven programs coordinate immunoregulatory and pro-angiogenic functions of myeloid-derived suppressor cells. Immunity, 58(6), 1553.

Cawley NX, et al. (2022) Complex N-Linked Glycosylation: A Potential Modifier of Niemann-Pick Disease, Type C1 Pathology. International journal of molecular sciences, 23(9).