

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

B10.129S2(B6)-Ighm^{tm1Cgn}/J

RRID:IMSR_JAX:002249

Type: Organism

Proper Citation

RRID:IMSR_JAX:002249

Organism Information

URL: <https://www.jax.org/strain/002249>

Proper Citation: RRID:IMSR_JAX:002249

Description: Mus musculus with name B10.129S2(B6)-Ighm^{tm1Cgn}/J from IMSR.

Species: Mus musculus

Synonyms: B10.129S2(B6)-Igh-6/J

Notes: gene symbol note: immunoglobulin heavy constant mu; mutant strain|congenic strain: Ighm

Affected Gene: immunoglobulin heavy constant mu

Genomic Alteration: targeted mutation 1; University of Cologne

Catalog Number: JAX:002249

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B10.129S2(B6)-Ighm^{tm1Cgn}/J

Record Creation Time: 20250513T053630+0000

Record Last Update: 20260815T050539+0000

Ratings and Alerts

No rating or validation information has been found for B10.129S2(B6)-Ighm^{tm1Cgn}/J.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human rheumatoid arthritis.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human type 1 diabetes mellitus.

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](#) .

Kureshi CTS, et al. (2026) Dendritic cell redundancy enables priming of anti-tumor CD4+ T cells in pancreatic cancer. Cancer cell, 44(7), 1381.

Weber GF, et al. (2014) Pleural innate response activator B cells protect against pneumonia via a GM-CSF-IgM axis. The Journal of experimental medicine, 211(6), 1243.