

Resource Summary Report

Generated by ASWG on Sep 20, 2026

B6;129P2-B2m^{tm1Unc}/J

RRID:IMSR_JAX:002070

Type: Organism

Proper Citation

RRID:IMSR_JAX:002070

Organism Information

URL: <https://www.jax.org/strain/002070>

Proper Citation: RRID:IMSR_JAX:002070

Description: Mus musculus with name B6;129P2-B2m^{tm1Unc}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: beta-2 microglobulin; mutant stock: B2m

Affected Gene: beta-2 microglobulin

Genomic Alteration: targeted mutation 1; University of North Carolina

Catalog Number: JAX:002070

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6;129P2-B2m^{tm1Unc}/J

Record Creation Time: 20250513T053629+0000

Record Last Update: 20260919T054818+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-B2m^{tm1Unc}/J.

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 [ASWG](#) .

Bošnjak B, et al. (2023) MCK2-mediated MCMV infection of macrophages and virus dissemination to the salivary gland depends on MHC class I molecules. Cell reports, 42(6), 112597.

Victorino F, et al. (2021) HIF1 α is required for NK cell metabolic adaptation during virus infection. eLife, 10.