

Resource Summary Report

Generated by [kravitz2](#) on Sep 18, 2026

NOD.129P2(B6)-B2m^{tm1Unc} Tg(HLA-A24/H2-D/B2M)3Dvs/J

RRID:IMSR_JAX:010565

Type: Organism

Proper Citation

RRID:IMSR_JAX:010565

Organism Information

URL: <https://www.jax.org/strain/010565>

Proper Citation: RRID:IMSR_JAX:010565

Description: Mus musculus with name NOD.129P2(B6)-B2m^{tm1Unc} Tg(HLA-A24/H2-D/B2M)3Dvs/J from IMSR.

Species: Mus musculus

Synonyms: NOD.A24/HHD

Notes: gene symbol note: major histocompatibility complex; class I; A|beta-2 microglobulin|histocompatibility 2; D region|transgene insertion 3; David V Serreze|beta-2-microglobulin; congenic strain: HLA-A|B2m|H2-D|Tg(HLA-A24/H2-D/B2M)3Dvs|B2M

Affected Gene: major histocompatibility complex; class I; A|beta-2 microglobulin|histocompatibility 2; D region|transgene insertion 3; David V Serreze|beta-2-microglobulin

Genomic Alteration: transgene insertion 3; David V Serreze|targeted mutation 1; University of North Carolina

Catalog Number: JAX:010565

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: NOD.129P2(B6)-B2m^{tm1Unc} Tg(HLA-A24/H2-D/B2M)3Dvs/J

Record Creation Time: 20250513T053716+0000

Record Last Update: 20260912T060501+0000

Ratings and Alerts

No rating or validation information has been found for NOD.129P2(B6)-B2m^{tm1Unc}
Tg(HLA-A24/H2-D/B2M)3Dvs/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 [kravitz2](#) .

Low L, et al. (2019) Targeting mutant p53-expressing tumours with a T cell receptor-like antibody specific for a wild-type antigen. Nature communications, 10(1), 5382.

Yamamiya D, et al. (2018) Immune responses of human T lymphocytes to novel hepatitis B virus-derived peptides. PloS one, 13(6), e0198264.