

Resource Summary Report

Generated by [kravitz2](#) on Aug 1, 2026

B10.D2-Hc⁰ H2 H2-T18/oSnJ

RRID:IMSR_JAX:000461

Type: Organism

Proper Citation

RRID:IMSR_JAX:000461

Organism Information

URL: <https://www.jax.org/strain/000461>

Proper Citation: RRID:IMSR_JAX:000461

Description: Mus musculus with name B10.D2-Hc⁰ H2 H2-T18/oSnJ from IMSR.

Species: Mus musculus

Synonyms: B10.D2/oSnJ. B10.D2-Hc0>

Notes: gene symbol note: hemolytic complement|histocompatibility 2; T region locus 18|histocompatibility-2; MHC; mutant strain|major histocompatibility congenic|congenic strain: Hc|H2-T18|H2

Affected Gene: hemolytic complement|histocompatibility 2; T region locus 18|histocompatibility-2; MHC

Genomic Alteration: deficient|c variant|d variant

Catalog Number: JAX:000461

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B10.D2-Hc⁰ H2 H2-T18/oSnJ

Record Creation Time: 20250513T053618+0000

Record Last Update: 20260801T050322+0000

Ratings and Alerts

No rating or validation information has been found for B10.D2-Hc⁰ H2 H2-T18/oSnJ.

No alerts have been found for B10.D2-Hc⁰ H2 H2-T18/oSnJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Kim JH, et al. (2025) CRISPR-edited DPSCs constitutively expressing BDNF enhance dentin regeneration in injured teeth. eLife, 14.

Affandi AJ, et al. (2022) CXCL4 drives fibrosis by promoting several key cellular and molecular processes. Cell reports, 38(1), 110189.

Ding P, et al. (2022) Intracellular complement C5a/C5aR1 stabilizes β -catenin to promote colorectal tumorigenesis. Cell reports, 39(9), 110851.

Bode J, et al. (2012) A new role of the complement system: C3 provides protection in a mouse model of lung infection with intracellular Chlamydia psittaci. PloS one, 7(11), e50327.