

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

C3H/HeN

RRID:MGI:2160972

Type: Organism

Proper Citation

RRID:MGI:2160972

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2160972>

Proper Citation: RRID:MGI:2160972

Description: laboratory mouse with name C3H/HeN from MGI.

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2160972

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C3H/HeN

Record Creation Time: 20230227T022128+0000

Record Last Update: 20260801T212358+0000

Ratings and Alerts

No rating or validation information has been found for C3H/HeN.

No alerts have been found for C3H/HeN.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 819 mentions in open access literature.

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

Bista S, et al. (2026) Targeting of interaction between BB0323-BB0238 informs new paradigms in Lyme disease therapeutics. PLoS pathogens, 22(1), e1013805.

Anastasopoulou V, et al. (2025) Mutant p53-specific CD8TCR-therapy combined with a CD4TCR prevents relapse of cancer and outgrowth of micrometastases. Oncoimmunology, 14(1), 2514041.

Taciak B, et al. (2025) Harnessing macrophage-drug conjugates for allogeneic cell-based therapy of solid tumors via the TRAIN mechanism. Nature communications, 16(1), 1327.

Maitre A, et al. (2025) Effects of Live and Peptide-Based Antimicrobiota Vaccines on Ixodes ricinus Fitness, Microbiota, and Acquisition of Tick-Borne Pathogens. Pathogens (Basel, Switzerland), 14(3).

Shimokawa M, et al. (2025) Role of GuaB, the inosine-5'-monophosphate dehydrogenase of uropathogenic Escherichia coli pathogenicity: a key factor for bladder infection. Microbiology spectrum, 13(8), e0022125.

Pal S, et al. (2025) Chlamydia trachomatis Serovars from the C-Complex and the B- and C-Related Complexes Are Significantly More Pathogenic than Those from the B-Complex in C3H/HeN but Not in BALB/c Mice. Pathogens (Basel, Switzerland), 14(1).

Waldron C, et al. (2025) bb0689 contributes to the virulence of Borrelia burgdorferi in a murine model of Lyme disease. Infection and immunity, 93(1), e0045924.

Kumaresan V, et al. (2025) Protective efficacy of mutant strains of Borrelia burgdorferi as potential reservoir host-targeted biologics against Lyme disease. bioRxiv : the preprint server for biology.

Azevedo JF, et al. (2025) Maternal transfer of oral vaccine induced anti-OspA antibodies protects Peromyscus spp. from tick-transmitted Borrelia burgdorferi. Infection and immunity, 93(6), e0021625.

Qiu M, et al. (2025) CRISPR/Cas9 screening identifies SUV39H2 as a key regulator of oHSV-1 resistance in oral squamous cell carcinoma. Cell death discovery, 11(1), 402.

Mahesh PP, et al. (2025) An arthropod transporter IsoATP4056 exerts inhibitory effect on its interacting membrane protein to facilitate rickettsial pathogen survival in ticks. Cell communication and signaling : CCS, 23(1), 540.

Brangulis K, et al. (2025) Mechanistic insights into the structure-based design of a CspZ-targeting Lyme disease vaccine. Nature communications, 16(1), 2898.

Suzuki T, et al. (2025) Ultrasound irradiation in the presence of microbubbles may enhance the antitumor effect of chemotherapeutic agents against bladder cancer. *Journal of Cancer*, 16(2), 368.

Jayawardhana S, et al. (2025) Intermittent suppressive posaconazole therapy is ineffective at mitigating cardiac and digestive tract pathologies in an experimental model of chronic Chagas disease. *Antimicrobial agents and chemotherapy*, 69(6), e0178624.

Willson R, et al. (2025) Development of a rapid antigen-based lateral flow assay for tick-borne spotted fever rickettsioses. *PloS one*, 20(1), e0312819.

Yu Q, et al. (2025) Secretory leukocyte protease inhibitor influences periarticular joint inflammation in *Borrelia burgdorferi*-infected mice. *eLife*, 14.

Massicotte MA, et al. (2025) The Salmonella phage shock protein system is required for defense against host antimicrobial peptides. *PLoS pathogens*, 21(9), e1013132.

Yi H, et al. (2025) Roles of tick-cofeeding hedgehogs in the natural transmission of spotted fever group *Rickettsia*. *PLoS neglected tropical diseases*, 19(9), e0013224.

Guo X, et al. (2025) Periodontopathic bacteria in rheumatoid arthritis pathogenesis: bridging clinical associations to molecular mechanisms. *Frontiers in immunology*, 16, 1681037.

Hunstad D, et al. (2025) Single-nucleus transcriptomics illuminates sex differences during murine *Escherichia coli* pyelonephritis. *Research square*.