

Resource Summary Report

Generated by [dkNET](#) on Sep 23, 2026

C57BL/6JOlaHsd

RRID:IMSR_ENV:HSD-057

Type: Organism

Proper Citation

RRID:IMSR_ENV:HSD-057

Organism Information

URL: <https://www.envigo.com/model/c57bl-6jolahsd>

Proper Citation: RRID:IMSR_ENV:HSD-057

Description: Mus musculus with name C57BL/6JOlaHsd from IMSR.

Species: Mus musculus

Synonyms: C57BL/6S. C57BL/6HUK

Notes: gene symbol note: ; inbred strain:

Catalog Number: ENV:HSD-057

Database: Envigo an Inotiv Company

Database Abbreviation: ENV

Availability: live

Organism Name: C57BL/6JOlaHsd

Record Creation Time: 20250513T061850+0000

Record Last Update: 20260919T063707+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6JOlaHsd.

No alerts have been found for C57BL/6JOlaHsd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Envigo an Inotiv Company

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Riba J, et al. (2026) Synaptic attenuation by human alpha-synuclein depends on two amino acids in its C-terminal tail. *Neurobiology of disease*, 225, 107437.

Marco S, et al. (2026) Radiotherapy synergizes with an inducible AAV-based immunotherapy platform to program local and systemic antitumor immunity. *Cancer cell*, 44(5), 995.

Li S, et al. (2026) The influence of murine cytomegalovirus infection on susceptibility to mycobacterial infection. *iScience*, 29(5), 115518.

Xu L, et al. (2025) Adipocyte Septin-7 attenuates obesogenic adipogenesis and promotes lipolysis to prevent obesity. *Molecular metabolism*, 95, 102114.

Bogale TA, et al. (2025) Experimental Ischemic Stroke-Induced Alpha-Synuclein Pathology Enhances Endothelial Inflammatory Response and Impairs Angiogenesis. *Stroke*, 56(12), 3424.

Liu H, et al. (2025) MSI2 in the dentate gyrus and ovary regulates the reproductive endocrine homeostasis of female mice. *Communications biology*, 8(1), 1812.

Cicia D, et al. (2025) Dietary targeting of TRPM8 rewires macrophage immunometabolism reducing colitis severity. *Cell death & disease*, 16(1), 343.

McMorrow R, et al. (2025) Combination of Bremachlorin PDT and Immune Checkpoint Inhibitor Anti-PD-1 Shows Response in Murine Immunological T-cell-High and T-cell-Low PDAC Models. *Molecular cancer therapeutics*, 24(4), 605.

Greger IH, et al. (2025) 'Mini analysis' misrepresents changes in synaptic properties due to incomplete event detection. *The Journal of physiology*, 603(22), 7189.

Powell WH, et al. (2025) Contrasting Behavioural and Biochemical Characteristics of Normal and Spontaneously α -Synuclein-Deficient Mice Treated With MPTP. *Journal of neurochemistry*, 169(8), e70201.

Blumenreich S, et al. (2024) Proteomics analysis of the brain from a Gaucher disease mouse identifies pathological pathways including a possible role for transglutaminase 1. *Journal of neurochemistry*, 168(1), 52.

Hernández-Barranco A, et al. (2024) NGFR regulates stromal cell activation in germinal centers. *Cell reports*, 43(2), 113705.

Kushinsky D, et al. (2024) Daily light-induced transcription in visual cortex neurons drives downward firing rate homeostasis and stabilizes sensory processing. *Cell reports*, 43(9), 114701.

Pietrasanta C, et al. (2024) Prenatal antibiotics reduce breast milk IgA and induce dysbiosis in mouse offspring, increasing neonatal susceptibility to bacterial sepsis. *Cell host & microbe*, 32(12), 2178.

Terem A, et al. (2023) Claustral neurons projecting to frontal cortex restrict opioid consumption. *Current biology : CB*, 33(13), 2761.

Le Moine M, et al. (2023) Homeostatic PD-1 signaling restrains EOMES-dependent oligoclonal expansion of liver-resident CD8 T cells. *Cell reports*, 42(8), 112876.

Straub A, et al. (2023) Recruitment of epitope-specific T cell clones with a low-avidity threshold supports efficacy against mutational escape upon re-infection. *Immunity*, 56(6), 1269.

Haubner BJ, et al. (2012) Complete cardiac regeneration in a mouse model of myocardial infarction. *Aging*, 4(12), 966.