

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

B6CBA-Tg(HDexon1)62Gpb/3J

RRID:IMSR_JAX:006494

Type: Organism

Proper Citation

RRID:IMSR_JAX:006494

Organism Information

URL: <https://www.jax.org/strain/006494>

Proper Citation: RRID:IMSR_JAX:006494

Description: Mus musculus with name B6CBA-Tg(HDexon1)62Gpb/3J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 62; Gillian Bates|huntingtin; mutant stock: Tg(HDexon1)62Gpb|HTT

Affected Gene: transgene insertion 62; Gillian Bates|huntingtin

Genomic Alteration: transgene insertion 62; Gillian Bates

Catalog Number: JAX:006494

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6CBA-Tg(HDexon1)62Gpb/3J

Record Creation Time: 20250513T053657+0000

Record Last Update: 20260919T054846+0000

Ratings and Alerts

No rating or validation information has been found for B6CBA-Tg(HDexon1)62Gpb/3J.

Warning: Please note, Elsevier Star Methods has a sample table that includes this RRID. All references to this RRID may not be authentic.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 107 mentions in open access literature.

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

Xie H, et al. (2026) Dual recombinases-mediated genetic tracing reveals no postnatal neo-oogenesis in mice. iScience, 29(5), 115830.

Siddiqui M, et al. (2026) Density-adjusted analysis of cell interactions to decipher tissue landscape changes. iScience, 29(6), 115815.

Xie Z, et al. (2026) Filtering of artificial chimeric reads generated by ligation preparation method of nanopore sequencing. iScience, 29(5), 115695.

Siliezar-Doyle J, et al. (2026) Translatome profiling of spinal cord astrocytes reveals distinct gene signatures associated with acute and chronic pain. iScience, 29(5), 115719.

Xiao B, et al. (2026) MAP3K1 integrates RhoA/ROCK signaling to regulate epithelial morphogenesis. iScience, 29(6), 115853.

Wong FY, et al. (2026) Multiplex serological profiling reveals diverse avian and mammalian influenza A virus exposure in swine. iScience, 29(5), 115743.

Cai L, et al. (2026) Comparative analysis of breast cancer burden in China, India, and the United States. iScience, 29(5), 115718.

Wolf J, et al. (2025) Substrate diffusion electrodes allow for the electrochemical hydrogenation of concentrated alkynol substrate feeds. iScience, 28(2), 111789.

Zhang Q, et al. (2025) A tumor microenvironment model for glioma diagnosis and therapeutic evaluation based on the analysis of tissues and biological fluids. iScience, 28(7), 112881.

Burns MS, et al. (2025) Protocol to evaluate mouse brain spatial cell type-resolved transcriptomic discoveries using 10?? Visium spatial transcriptomics and FLEX scRNA-seq. STAR protocols, 7(1), 104277.

Giustarini G, et al. (2025) Polystyrene microplastics cross the murine intestine and induce inflammatory cell death after phagocytosis by human monocytes and neutrophils. iScience, 28(12), 114076.

Uwamizu A, et al. (2025) Autocrine/paracrine lysophosphatidylserine signaling suppresses B cell aggregation and tertiary lymphoid structure formation. *iScience*, 28(5), 112420.

Ganzer C, et al. (2025) Net zero in power and industry-creating or destroying value and jobs? *iScience*, 28(4), 112185.

Benman W, et al. (2025) Multiplexed dynamic control of temperature to probe and observe mammalian cells. *Cell systems*, 16(3), 101234.

Pastor-Escuredo D, et al. (2025) Unsupervised spatiotemporal classification of deformation patterns of embryonic tissues matches their fate map. *iScience*, 28(3), 111753.

Conway FM, et al. (2025) Development and evaluation of an international teleproctoring program for bronchoscopic procedures. *iScience*, 28(3), 111653.

Burns MS, et al. (2025) Distinct molecular patterns in R6/2 HD mouse brain: Insights from spatiotemporal transcriptomics. *Neuron*, 113(15), 2416.

Chang R, et al. (2025) Olink proteomics reveals TNFRSF9 as a biomarker for abdominal aortic aneurysms. *iScience*, 28(7), 112828.

Coppi S, et al. (2025) Feeling pain from a rubber hand: Nociceptive drift in the rubber hand illusion. *iScience*, 28(6), 112690.

Zhao Y, et al. (2025) Origin and development of uniparental and polyploid blastomeres. *iScience*, 28(5), 112337.