

Resource Summary Report

Generated by [NIF](#) on Aug 1, 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: 20260801T050359+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 81 mentions in open access literature.

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

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

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

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

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.

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.

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.

Keng VW, et al. (2025) ANKRD17 induces pro-survival signaling pathways that enhance cellular invasion and migration during hepatocellular carcinoma tumorigenesis. *iScience*, 28(5), 112463.

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.

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

Boccia T, et al. (2025) Adjuvant conditioning shapes the adaptive immune response promoting immunotolerance via NLRP3/interleukin-1. *iScience*, 28(6), 112653.

Louca S, et al. (2025) National antibiotic consumption is strongly related to the prevalence of antibiotic resistance across bacterial clades. *iScience*, 28(2), 111712.

Marin N, et al. (2025) Predictable sequential structure augments auditory sensitivity at threshold. *iScience*, 28(3), 112074.

Wu L, et al. (2025) The cell-surface shared proteome of astrocytes and neurons and the molecular foundations of their multicellular interactions. *Neuron*, 113(16), 2599.

Villanueva CB, et al. (2025) Human glial progenitors transplanted into Huntington disease mice normalize neuronal gene expression, dendritic structure, and behavior. *Cell reports*, 44(6), 115762.

Taguchi K, et al. (2025) SENP2-based N-terminal truncation of α -synuclein in Lewy pathology propagation. *iScience*, 28(2), 111935.

Chen H, et al. (2025) Formation of brain-wide neural geometry during visual item recognition in monkeys. *iScience*, 28(3), 111936.