Resource Summary Report

Generated by NIF on Sep 14, 2026

B6C3-Tg(HD82Gln)81Gschi/J

RRID:IMSR_JAX:003627
Type: Organism

Proper Citation

RRID:IMSR_JAX:003627

Organism Information

URL: https://www.jax.org/strain/003627

Proper Citation: RRID:IMSR_JAX:003627

Description: Mus musculus with name B6C3-Tg(HD82Gln)81Gschi/J from IMSR.

Species: Mus musculus

Synonyms: B6C3F1/J-Tg(HD82Gln)81Dbo/J. B6C3-Tg(HD82Gln)81Dbo/J

Notes: gene symbol note: prion protein readthrough transcript|huntingtin|transgene insertion 81; Gabriele Schilling; mutant stock: Prn|HTT|Tg(HD82Gln)81Gschi

Affected Gene: prion protein readthrough transcript|huntingtin|transgene insertion 81; Gabriele Schilling

Genomic Alteration: transgene insertion 81; Gabriele Schilling

Catalog Number: JAX:003627

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6C3-Tg(HD82Gln)81Gschi/J

Record Creation Time: 20250513T053640+0000

Record Last Update: 20260912T060424+0000

Ratings and Alerts

No rating or validation information has been found for B6C3-Tg(HD82Gln)81Gschi/J.

No alerts have been found for B6C3-Tg(HD82Gln)81Gschi/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Kim H, et al. (2026) Distinct autophagy impairment mechanisms of huntingtin aggregates with different polyQ lengths. Cell chemical biology, 33(4), 474.

Croce KR, et al. (2025) A rare genetic variant confers resistance to neurodegeneration across multiple neurological disorders by augmenting selective autophagy. Neuron.

St-Cyr S, et al. (2022) Temporal Phenotypic Changes in Huntington's Disease Models for Preclinical Studies. Journal of Huntington's disease, 11(1), 35.

Dutta D, et al. (2021) Alleviation of Huntington pathology in mice by oral administration of food additive glyceryl tribenzoate. Neurobiology of disease, 153, 105318.

Donley DW, et al. (2021) Iron activates microglia and directly stimulates indoleamine-2,3-dioxygenase activity in the N171-82Q mouse model of Huntington's disease. PloS one, 16(5), e0250606.

Lin MS, et al. (2019) Degeneration of ipRGCs in Mouse Models of Huntington's Disease Disrupts Non-Image-Forming Behaviors Before Motor Impairment. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(8), 1505.

Krzyzosiak A, et al. (2018) Target-Based Discovery of an Inhibitor of the Regulatory Phosphatase PPP1R15B. Cell, 174(5), 1216.

Donley DW, et al. (2016) Huntingtons Disease Mice Infected with Toxoplasma gondii Demonstrate Early Kynurenine Pathway Activation, Altered CD8+ T-Cell Responses, and Premature Mortality. PloS one, 11(9), e0162404.