

# Resource Summary Report

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

## B6C3-Tg(HD82Gln)81Gschi/J

RRID:IMSR\_JAX:003627

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:003627

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### 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:** 20260919T054830+0000

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### 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

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.