

# Resource Summary Report

Generated by SPARC SAWG on Aug 25, 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:** 20260815T050549+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.

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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 [SPARC SAWG](#) .

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.