Resource Summary Report

Generated by kravitz2 on Sep 18, 2026

B6J.129S1-Htt^{tm1Mfc}/140ChdiJ

RRID:IMSR_JAX:027409
Type: Organism

Proper Citation

RRID:IMSR_JAX:027409

Organism Information

URL: https://www.jax.org/strain/027409

Proper Citation: RRID:IMSR_JAX:027409

Description: Mus musculus with name B6J.129S1-Htt^{tm1Mfc}/140ChdiJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: huntingtin; mutant strain|congenic strain: Htt

Affected Gene: huntingtin

Genomic Alteration: targeted mutation 1; Marie-Francoise Chesselet

Catalog Number: JAX:027409

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6J.129S1-Htt^{tm1Mfc}/140ChdiJ

Record Creation Time: 20250513T053800+0000

Record Last Update: 20260912T060540+0000

Ratings and Alerts

No rating or validation information has been found for B6J.129S1-Htt^{tm1Mfc}/140ChdiJ.

No alerts have been found for B6J.129S1-Htt^{tm1Mfc}/140ChdiJ.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Xie L, et al. (2026) Mutant huntingtin disrupts TET1 transcription and alters DNA methylation in a Huntington's disease knock-in pig model. Cell reports, 45(7), 117584.

Justice JL, et al. (2025) Multi-epitope immunocapture of huntingtin reveals striatum-selective molecular signatures. Molecular systems biology, 21(5), 492.

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

Chen JH, et al. (2023) Reduced lysosomal density in neuronal dendrites mediates deficits in synaptic plasticity in Huntington's disease. Cell reports, 42(12), 113573.

Wang N, et al. (2022) Mapping brain gene coexpression in daytime transcriptomes unveils diurnal molecular networks and deciphers perturbation gene signatures. Neuron, 110(20), 3318.

Park H, et al. (2018) Cortical Axonal Secretion of BDNF in the Striatum Is Disrupted in the Mutant-huntingtin Knock-in Mouse Model of Huntington's Disease. Experimental neurobiology, 27(3), 217.