Resource Summary Report

Generated by RRID on Jul 30, 2026

B6.129S1-Htt$^{tm1.1Mfc}$/190ChdiJ

RRID:IMSR_JAX:029928
Type: Organism

Proper Citation

RRID:IMSR_JAX:029928

Organism Information

URL: https://www.jax.org/strain/029928

Proper Citation: RRID:IMSR_JAX:029928

Description: Mus musculus with name B6.129S1-Htt$^{tm1.1Mfc}$/190ChdiJ from IMSR.

Species: Mus musculus

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

Affected Gene: huntingtin

Genomic Alteration: targeted mutation 1.1; Marie-Francoise Chesselet

Catalog Number: JAX:029928

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129S1-Htt$^{tm1.1Mfc}$/190ChdiJ

Record Creation Time: 20250513T053811+0000

Record Last Update: 20260725T044516+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1-Htt$^{tm1.1Mfc}$/190ChdiJ.

No alerts have been found for B6.129S1-Htt$^{tm1.1Mfc}$/190ChdiJ.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Rusmini P, et al. (2025) Impairment of lysosomal quality control in Huntington disease. Cell death & disease, 16(1), 762.

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

Callahan JW, et al. (2024) Movement-related increases in subthalamic activity optimize locomotion. Cell reports, 43(8), 114495.

Callahan JW, et al. (2023) Movement-related increases in subthalamic activity optimize locomotion. bioRxiv : the preprint server for biology.

Birolini G, et al. (2023) Chronic cholesterol administration to the brain supports complete and long-lasting cognitive and motor amelioration in Huntington's disease. Pharmacological research, 194, 106823.

Sepers MD, et al. (2022) Altered cortical processing of sensory input in Huntington disease mouse models. Neurobiology of disease, 169, 105740.

Callahan JW, et al. (2022) Dysregulation of the Basal Ganglia Indirect Pathway in Early Symptomatic Q175 Huntington's Disease Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(10), 2080.

Sharma M, et al. (2020) Cyclic GMP-AMP synthase promotes the inflammatory and autophagy responses in Huntington disease. Proceedings of the National Academy of Sciences of the United States of America, 117(27), 15989.

Carrillo-Reid L, et al. (2019) Mutant huntingtin enhances activation of dendritic Kv4 K+ channels in striatal spiny projection neurons. eLife, 8.