

Resource Summary Report

Generated by T1D on Sep 22, 2026

B6J.129S1-Htt^{tm1Mfc}/190ChdiJ

RRID:IMSR_JAX:027410

Type: Organism

Proper Citation

RRID:IMSR_JAX:027410

Organism Information

URL: <https://www.jax.org/strain/027410>

Proper Citation: RRID:IMSR_JAX:027410

Description: Mus musculus with name B6J.129S1-Htt^{tm1Mfc}/190ChdiJ 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:027410

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6J.129S1-Htt^{tm1Mfc}/190ChdiJ

Record Creation Time: 20250513T053800+0000

Record Last Update: 20260919T054945+0000

Ratings and Alerts

No rating or validation information has been found for B6J.129S1-Htt^{tm1Mfc}/190ChdiJ.

No alerts have been found for B6J.129S1-Htt^{tm1Mfc}/190ChdiJ.

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 [T1D](#).

Pinchaud K, et al. (2023) Cell-Type Specific Regulation of Cholesterologenesis by CYP46A1 Re-Expression in zQ175 HD Mouse Striatum. International journal of molecular sciences, 24(13).

Gangwani MR, et al. (2023) Neuronal and astrocytic contributions to Huntington's disease dissected with zinc finger protein transcriptional repressors. Cell reports, 42(1), 111953.

Mansky RH, et al. (2023) Tumor suppressor p53 regulates heat shock factor 1 protein degradation in Huntington's disease. Cell reports, 42(3), 112198.

Alpaugh M, et al. (2022) Passive immunization against phosphorylated tau improves features of Huntington's disease pathology. Molecular therapy : the journal of the American Society of Gene Therapy, 30(4), 1500.

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.

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.

Grima JC, et al. (2017) Mutant Huntingtin Disrupts the Nuclear Pore Complex. Neuron, 94(1), 93.

Atherton JF, et al. (2016) Early dysfunction and progressive degeneration of the subthalamic nucleus in mouse models of Huntington's disease. eLife, 5.