Resource Summary Report

Generated by dkNET on Apr 29, 2025

Human Brain Transcriptome

RRID:SCR_013742
Type: Tool

Proper Citation

Human Brain Transcriptome (RRID:SCR_013742)

Resource Information

URL: http://hbatlas.org

Proper Citation: Human Brain Transcriptome (RRID:SCR_013742)

Description: A data repository containing transcriptome and associated metadata for the developing and adult human brain. It provides genome-wide, exon-level transcriptome data from both sexes and multiple ethnicities.

Abbreviations: HBT

Resource Type: data or information resource, database

Defining Citation: PMID:19477152

Keywords: human brain, transcriptome data, brain regions, FASEB list

Funding: NIMH U01MH081896

Resource Name: Human Brain Transcriptome

Resource ID: SCR_013742

Record Creation Time: 20220129T080317+0000

Record Last Update: 20250429T055617+0000

Ratings and Alerts

No rating or validation information has been found for Human Brain Transcriptome.

No alerts have been found for Human Brain Transcriptome.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 91 mentions in open access literature.

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

Mamat M, et al. (2025) Molecular architecture of the altered cortical complexity in autism. Molecular autism, 16(1), 1.

Yao W, et al. (2024) Associations between the multitrajectory neuroplasticity of neuronavigated rTMS-mediated angular gyrus networks and brain gene expression in AD spectrum patients with sleep disorders. Alzheimer's & dementia : the journal of the Alzheimer's Association, 20(11), 7885.

Zhou C, et al. (2024) Convergent and divergent genes expression profiles associated with brain-wide functional connectome dysfunction in deficit and non-deficit schizophrenia. Translational psychiatry, 14(1), 124.

Huchede P, et al. (2024) BMP2 and BMP7 cooperate with H3.3K27M to promote quiescence and invasiveness in pediatric diffuse midline gliomas. eLife, 12.

Moodie JE, et al. (2024) General and specific patterns of cortical gene expression as spatial correlates of complex cognitive functioning. Human brain mapping, 45(4), e26641.

Kaizuka T, et al. (2024) Remodeling of the postsynaptic proteome in male mice and marmosets during synapse development. Nature communications, 15(1), 2496.

Do QB, et al. (2024) Early deficits in an in vitro striatal microcircuit model carrying the Parkinson's GBA-N370S mutation. NPJ Parkinson's disease, 10(1), 82.

Choi H, et al. (2024) Case Report: Intellectual disability and borderline intellectual functioning in two sisters with a 12p11.22 loss. Frontiers in genetics, 15, 1355823.

Lederbauer J, et al. (2024) The role of DEAD- and DExH-box RNA helicases in neurodevelopmental disorders. Frontiers in molecular neuroscience, 17, 1414949.

Le Grand Q, et al. (2024) Diffusion imaging genomics provides novel insight into early mechanisms of cerebral small vessel disease. Molecular psychiatry, 29(11), 3567.

Zhao P, et al. (2024) Analysis of epilepsy-associated variants in HCN3 - Functional implications and clinical observations. Epilepsia open, 9(6), 2294.

Yang F, et al. (2024) Missense variants in ANO4 cause sporadic encephalopathic or familial epilepsy with evidence for a dominant-negative effect. American journal of human genetics, 111(6), 1184.

Lin F, et al. (2024) Replication of previous autism-GWAS hits suggests the association between NAA1, SORCS3, and GSDME and autism in the Han Chinese population. Heliyon, 10(1), e23677.

Cho H, et al. (2023) Adnp-mutant mice with cognitive inflexibility, CaMKII? hyperactivity, and synaptic plasticity deficits. Molecular psychiatry, 28(8), 3548.

Moodie JE, et al. (2023) General and specific patterns of cortical gene expression as substrates of complex cognitive functioning. bioRxiv : the preprint server for biology.

Duperron MG, et al. (2023) Genomics of perivascular space burden unravels early mechanisms of cerebral small vessel disease. Nature medicine, 29(4), 950.

Mastropasqua F, et al. (2023) Deficiency of the Heterogeneous Nuclear Ribonucleoprotein U locus leads to delayed hindbrain neurogenesis. Biology open, 12(10).

Fernandez TV, et al. (2023) Primary complex motor stereotypies are associated with de novo damaging DNA coding mutations that identify KDM5B as a risk gene. PloS one, 18(10), e0291978.

Li Q, et al. (2023) Resting-state brain functional alterations and their genetic mechanisms in drug-naive first-episode psychosis. Schizophrenia (Heidelberg, Germany), 9(1), 13.

Long J, et al. (2022) Convergent lines of evidence supporting involvement of NFKB1 in schizophrenia. Psychiatry research, 312, 114588.