Resource Summary Report

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Alzheimer Disease and Frontotemporal Dementia Mutation Database

RRID:SCR_008286
Type: Tool

Proper Citation

Alzheimer Disease and Frontotemporal Dementia Mutation Database (RRID:SCR_008286)

Resource Information

URL: http://www.molgen.ua.ac.be/ADMutations/default.cfm?MT=1&ML=0&Page=ADMDB

Proper Citation: Alzheimer Disease and Frontotemporal Dementia Mutation Database (RRID:SCR_008286)

Description: A locus-specific database aimed at collecting known mutations and non-pathogenic coding variations in the genes related to Alzheimer disease (AD) and frontotemporal dementia (FTD), following the guidelines of the Human Genome Variation Society. Mutations can be retrieved based on the gene, phenotype and publication. The database contains mutations reported in the literature and at scientific meetings, and unpublished mutations directly submitted to the database. To date, AD&FTDMDB contains mutations in the genes encoding the Amyloid Beta Precursor Protein (APP), Presenilin 1 (PSEN1), Presenilin 2 (PSEN2), Chromatin Modifying Protein 2B (CHMP2B), fusion (involved in t(12;16) in malignant liposarcoma) (FUS), Granulin (GRN), Microtubule Associated Protein Tau (MAPT), TAR DNA binding protein (TARDBP) and Valosin-containing Protein (VCP) and holds 415 different mutations observed in 1027 patients or families. As of March 2013, the latest publications referenced were from 2008, indicating that this resource may not be up to date.

Synonyms: ADandFTDMDB, AD and FTD Mutation Database

Resource Type: data or information resource, database

Defining Citation: PMID:17392794

Keywords: frontotemporal dementia, gene, alzheimers disease, genome, mrna, mutation, phenotype, single nucleotide polymorphism

Related Condition: Alzheimer's disease, Frontotemporal dementia

Resource Name: Alzheimer Disease and Frontotemporal Dementia Mutation Database

Resource ID: SCR_008286

Alternate IDs: r3d100012441, nif-0000-23934

Alternate URLs: https://doi.org/10.17616/R3277G, https://doi.org/10.17616/R3277G

Record Creation Time: 20220129T080246+0000

Record Last Update: 20260904T000251+0000

Ratings and Alerts

No rating or validation information has been found for Alzheimer Disease and Frontotemporal Dementia Mutation Database.

No alerts have been found for Alzheimer Disease and Frontotemporal Dementia Mutation Database.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

van der Zee J, et al. (2017) TBK1 Mutation Spectrum in an Extended European Patient Cohort with Frontotemporal Dementia and Amyotrophic Lateral Sclerosis. Human mutation, 38(3), 297.

Lu L, et al. (2016) The Genetic Architecture of Murine Glutathione Transferases. PloS one, 11(2), e0148230.

Nalls MA, et al. (2015) NeuroX, a fast and efficient genotyping platform for investigation of neurodegenerative diseases. Neurobiology of aging, 36(3), 1605.e7.

Shen L, et al. (2015) Mutational Spectrum Analysis of Neurodegenerative Diseases and Its Pathogenic Implication. International journal of molecular sciences, 16(10), 24295.

Yagi R, et al. (2014) Detecting gene mutations in Japanese Alzheimer's patients by semiconductor sequencing. Neurobiology of aging, 35(7), 1780.e1.

Greco I, et al. (2012) Alzheimer's disease biomarker discovery using in silico literature mining and clinical validation. Journal of translational medicine, 10, 217.

Bialopiotrowicz E, et al. (2011) Cell cycle regulation distinguishes lymphocytes from sporadic and familial Alzheimer's disease patients. Neurobiology of aging, 32(12),

2319.e13.