Resource Summary Report

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Hereditary Hearing Loss Homepage

RRID:SCR_006469
Type: Tool

Proper Citation

Hereditary Hearing Loss Homepage (RRID:SCR_006469)

Resource Information

URL: http://hereditaryhearingloss.org/

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Description: Overview of the genetics of hereditary hearing impairment for researchers and clinicians. The site lists data and references for all known gene localizations and identifications for nonsyndromic hearing impairment, and several for syndromic hearing loss. For syndromic hearing impairment, only a few of the most frequent forms are covered. An atlas of cochlea with genes listed can be accessed from this site.

Abbreviations: Hereditary Hearing Loss

Resource Type: database, data or information resource, topical portal, atlas, portal

Keywords: cochlea, syndromic, nonsyndromic, gene, genetics, hearing impairment, hearing, ear, FASEB list

Related Condition: Hereditary hearing impairment, Hearing impairment

Funding:

Resource Name: Hereditary Hearing Loss Homepage

Resource ID: SCR_006469

Alternate IDs: nif-0000-00075, OMICS_01542

Record Creation Time: 20220129T080236+0000

Record Last Update: 20250416T063437+0000

Ratings and Alerts

No rating or validation information has been found for Hereditary Hearing Loss Homepage.

No alerts have been found for Hereditary Hearing Loss Homepage.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 435 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Arai Y, et al. (2025) Novel OTOG Variants and Clinical Features of Hearing Loss in a Large Japanese Cohort. Genes, 16(1).

Yalcouyé A, et al. (2025) Whole-exome sequencing reveals known and candidate genes for hearing impairment in Mali. HGG advances, 6(1), 100391.

Cheng J, et al. (2024) Novel, pathogenic insertion variant of GSDME associates with autosomal dominant hearing loss in a large Chinese pedigree. Journal of cellular and molecular medicine, 28(1), e18004.

Yuan J, et al. (2024) The genome of the black-footed cat: Revealing a rich natural history and urgent conservation priorities for small felids. Proceedings of the National Academy of Sciences of the United States of America, 121(2), e2310763120.

Jung J, et al. (2024) MYH1 deficiency disrupts outer hair cell electromotility, resulting in hearing loss. Experimental & molecular medicine, 56(11), 2423.

Han JH, et al. (2024) Characterization of Vestibular Phenotypes in Patients with Genetic Hearing Loss. Journal of clinical medicine, 13(7).

Sutton DC, et al. (2024) Comparative exploration of mammalian deafness gene homologues in the Drosophila auditory organ shows genetic correlation between insect and vertebrate hearing. PloS one, 19(2), e0297846.

Li S, et al. (2024) Case report of a novel mutation in the TNC gene in Chinese patients with nonsyndromic hearing loss. Medicine, 103(16), e37702.

Zhao L, et al. (2024) Chromosome-level genome and population genomics of the intermediate horseshoe bat (Rhinolophus affinis) reveal the molecular basis of virus tolerance in Rhinolophus and echolocation call frequency variation. Zoological research, 45(5), 1147.

Xue J, et al. (2024) Identification of a novel EYA4 likely pathogenic variant in a Chinese family with postlingual non-syndromic hearing loss and analysis of molecular epidemiology of EYA4 variants. BMC medical genomics, 17(1), 242.

Teryutin FM, et al. (2024) Genotype-phenotype analysis of hearing function in patients with DFNB1A caused by the c.-23+1G>A splice site variant of the GJB2 gene (Cx26). PloS one, 19(10), e0309439.

Yu X, et al. (2024) The Association Between Mitochondrial tRNAGlu Variants and Hearing Loss: A Case-Control Study. Pharmacogenomics and personalized medicine, 17, 77.

Redfield SE, et al. (2024) PKHD1L1, a gene involved in the stereocilia coat, causes autosomal recessive nonsyndromic hearing loss. Human genetics, 143(3), 311.

Ma P, et al. (2024) Mutation spectrum of hearing loss patients in Northwest China: Identification of 20 novel variants. Molecular genetics & genomic medicine, 12(6), e2434.

Antunes LN, et al. (2024) Genetic heterogeneity in autosomal recessive hearing loss: a survey of Brazilian families. Frontiers in genetics, 15, 1409306.

Tlili A, et al. (2024) Genetic analysis of 106 sporadic cases with hearing loss in the UAE population. Human genomics, 18(1), 59.

Rhim JW, et al. (2024) A sensorineural hearing loss harboring novel compound heterozygous variant in the TRIOBP gene: A case report. Heliyon, 10(17), e36717.

Zafeer MF, et al. (2024) Human Organoids for Rapid Validation of Gene Variants Linked to Cochlear Malformations. Research square.

Zhuri D, et al. (2024) Investigation of Targeted Genes and Identification of Novel Variants with Next Generation Sequencing Method in Hearing Loss. The journal of international advanced otology, 20(4), 312.

Zhang L, et al. (2024) AAV-mediated Gene Therapy for Hereditary Deafness: Progress and Perspectives. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(47), e2402166.