Resource Summary Report

Generated by RRID on Aug 10, 2026

Retinal Information Network

RRID:SCR_012733
Type: Tool

Proper Citation

Retinal Information Network (RRID:SCR_012733)

Resource Information

URL: http://www.sph.uth.tmc.edu/RetNet/disease.htm

Proper Citation: Retinal Information Network (RRID:SCR_012733)

Description: RetNet provides tables of genes and loci causing inherited retinal diseases, such as retinitis pigmentosa, macular degeneration and Usher syndrome, and related information. This information is provided to the research community and other interested individuals for research purposes only. The information should not be used for medical or commercial purposes. Although we strive for accuracy and completeness, we cannot guarantee that all information is correct and complete. We welcome comments and suggestions!

Synonyms: RetNet

Resource Type: database, data or information resource

Resource Name: Retinal Information Network

Resource ID: SCR_012733

Alternate IDs: nif-0000-31454

Record Creation Time: 20220129T080312+0000

Record Last Update: 20260808T190423+0000

Ratings and Alerts

No rating or validation information has been found for Retinal Information Network.

No alerts have been found for Retinal Information Network.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Park Y, et al. (2024) Whole-Exome Sequencing Improves Understanding of Inherited Retinal Dystrophies in Korean Patients. Current issues in molecular biology, 46(10), 11021.

Liu Y, et al. (2021) Whole-Exome Sequencing in a Cohort of High Myopia Patients in Northwest China. Frontiers in cell and developmental biology, 9, 645501.

García-García G, et al. (2020) Exome sequencing identifies PEX6 mutations in three cases diagnosed with Retinitis Pigmentosa and hearing impairment. Molecular vision, 26, 216.

Hayashi T, et al. (2020) Genetic defects of CHM and visual acuity outcome in 24 choroideremia patients from 16 Japanese families. Scientific reports, 10(1), 15883.

Sánchez-Cruz A, et al. (2018) Modulation of GSK-3 provides cellular and functional neuroprotection in the rd10 mouse model of retinitis pigmentosa. Molecular neurodegeneration, 13(1), 19.

Ezquerra-Inchausti M, et al. (2017) High prevalence of mutations affecting the splicing process in a Spanish cohort with autosomal dominant retinitis pigmentosa. Scientific reports, 7, 39652.

Riera M, et al. (2017) Whole exome sequencing using Ion Proton system enables reliable genetic diagnosis of inherited retinal dystrophies. Scientific reports, 7, 42078.

Platón-Corchado M, et al. (2017) p75NTR antagonists attenuate photoreceptor cell loss in murine models of retinitis pigmentosa. Cell death & disease, 8(7), e2922.

Ellingford JM, et al. (2016) Whole Genome Sequencing Increases Molecular Diagnostic Yield Compared with Current Diagnostic Testing for Inherited Retinal Disease. Ophthalmology, 123(5), 1143.

Hasegawa T, et al. (2016) Neuoroprotective efficacies by KUS121, a VCP modulator, on animal models of retinal degeneration. Scientific reports, 6, 31184.

Pinelli M, et al. (2016) An atlas of gene expression and gene co-regulation in the human retina. Nucleic acids research, 44(12), 5773.

Perez-Carro R, et al. (2016) Panel-based NGS Reveals Novel Pathogenic Mutations in Autosomal Recessive Retinitis Pigmentosa. Scientific reports, 6, 19531.

Boloc D, et al. (2015) Distilling a Visual Network of Retinitis Pigmentosa Gene-Protein Interactions to Uncover New Disease Candidates. PloS one, 10(8), e0135307.

Consugar MB, et al. (2015) Panel-based genetic diagnostic testing for inherited eye diseases is highly accurate and reproducible, and more sensitive for variant detection, than exome sequencing. Genetics in medicine : official journal of the American College of Medical Genetics, 17(4), 253.

Almoguera B, et al. (2015) Application of Whole Exome Sequencing in Six Families with an Initial Diagnosis of Autosomal Dominant Retinitis Pigmentosa: Lessons Learned. PloS one, 10(7), e0133624.

Cuenca N, et al. (2014) Correlation between SD-OCT, immunocytochemistry and functional findings in an animal model of retinal degeneration. Frontiers in neuroanatomy, 8, 151.

Genini S, et al. (2014) Altered miRNA expression in canine retinas during normal development and in models of retinal degeneration. BMC genomics, 15(1), 172.

Nakazawa M, et al. (2013) Long-term effects of nilvadipine against progression of the central visual field defect in retinitis pigmentosa: an extended study. BioMed research international, 2013, 585729.

Ozaki T, et al. (2013) Inhibitory peptide of mitochondrial ?-calpain protects against photoreceptor degeneration in rhodopsin transgenic S334ter and P23H rats. PloS one, 8(8), e71650.

Vandenberghe LH, et al. (2013) AAV9 targets cone photoreceptors in the nonhuman primate retina. PloS one, 8(1), e53463.