

Resource Summary Report

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GenAge

RRID:SCR_010223

Type: Tool

Proper Citation

GenAge (RRID:SCR_010223)

Resource Information

URL: <http://genomics.senescence.info/genes/>

Proper Citation: GenAge (RRID:SCR_010223)

Description: Collection of annotated and manually curated data of genes related to aging divided into genes related to longevity and/or aging in model organisms (yeast, worms, flies, mice, etc.) and aging related human genes.

Abbreviations: GenAge

Synonyms: GenAge, GenAge Database of Ageing-Related Genes, The Ageing Gene Database, Gene Database

Resource Type: data or information resource, database

Keywords: collection, curated, data, gene, aging, longevity

Related Condition: Aging

Availability: HAGR's lisense

Resource Name: GenAge

Resource ID: SCR_010223

Alternate IDs: nlx_156768

Record Creation Time: 20220129T080257+0000

Record Last Update: 20260801T190959+0000

Ratings and Alerts

No rating or validation information has been found for GenAge.

No alerts have been found for GenAge.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 138 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Hua L, et al. (2026) Myeloid-Derived CD38 Mediates Age-Related Endometrial Aging Through NAD⁺ Depletion. *Aging cell*, 25(1), e70356.

Zhou F, et al. (2025) Robust and Adaptive Non-Parametric Tests for Detecting General Distributional Shifts in Gene Expression. *bioRxiv : the preprint server for biology*.

Fu X, et al. (2025) Cxcl9 modulates aging associated microvascular metabolic and angiogenic dysfunctions in subcutaneous adipose tissue. *Angiogenesis*, 28(2), 17.

Wyles SP, et al. (2025) SenSkin???: a human skin-specific cellular senescence gene set. *GeroScience*, 47(3), 2631.

Zhou X, et al. (2025) Comprehensive Cellular Senescence Evaluation to Aid Targeted Therapies. *Research (Washington, D.C.)*, 8, 0576.

Liu Y, et al. (2025) Heterochronic parabiosis uncovers AdipoR1 as a critical player in retinal rejuvenation. *Science advances*, 11(29), eadv6642.

Bock SL, et al. (2025) Widespread sex-biased gene expression reflects female-biased longevity in a species with environmental sex determination. *bioRxiv : the preprint server for biology*.

Arends D, et al. (2025) Genetic Modulation of Lifespan: Dynamic Effects, Sex Differences, and Body Weight Trade-offs. *bioRxiv : the preprint server for biology*.

Ni M, et al. (2025) Role of Aging in Ulcerative Colitis Pathogenesis: A Focus on ETS1 as a Promising Biomarker. *Journal of inflammation research*, 18, 1839.

Li H, et al. (2025) Comprehensive Analysis Reveals the Potential Diagnostic Value of Biomarkers Associated With Aging and Circadian Rhythm in Knee Osteoarthritis. *Orthopaedic surgery*, 17(3), 922.

Bartz J, et al. (2025) Human Cell Aging Transcriptome Atlas (HCATA): a single-cell atlas of age-associated transcriptomic alterations across human tissues. *Communications biology*, 8(1), 1450.

Jeremian R, et al. (2025) Investigating Transcriptional Age Acceleration in Inflammatory Skin Diseases. *JID innovations : skin science from molecules to population health*, 5(5), 100386.

Du G, et al. (2025) Integrated Multiomics Analysis and Mendelian Randomization Identify SIRT1 as a Pivotal Aging-Associated Gene in Meningioma. *IUBMB life*, 77(11), e70072.

Tian G, et al. (2025) Association of blood-based DNA methylation of lncRNAs with Alzheimer's disease diagnosis. *Clinical epigenetics*, 17(1), 200.

Sun ED, et al. (2025) Spatial transcriptomic clocks reveal cell proximity effects in brain ageing. *Nature*, 638(8049), 160.

Martini M, et al. (2025) Avian Lifespan Network Reveals Shared Mechanisms and New Key Players in Animal Longevity. *Aging cell*, 24(9), e70156.

Chen Y, et al. (2025) Machine learning based obesity and aging related signature for predicting the prognosis and immunotherapy benefit in stomach adenocarcinoma. *Discover oncology*, 16(1), 1211.

Guo L, et al. (2025) Multi-omics analysis reveals diagnostic and therapeutic biomarkers for aging phenotypes in ulcerative colitis. *PloS one*, 20(12), e0338880.

Techameena P, et al. (2024) The single-cell transcriptomic atlas iPain identifies senescence of nociceptors as a therapeutic target for chronic pain treatment. *Nature communications*, 15(1), 8585.

Sun ED, et al. (2024) Spatiotemporal transcriptomic profiling and modeling of mouse brain at single-cell resolution reveals cell proximity effects of aging and rejuvenation. *bioRxiv : the preprint server for biology*.