

Resource Summary Report

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TelSeq

RRID:SCR_002730

Type: Tool

Proper Citation

TelSeq (RRID:SCR_002730)

Resource Information

URL: <https://github.com/zd1/telseq>

Proper Citation: TelSeq (RRID:SCR_002730)

Description: Software that measures average telomere length from whole genome or exome shotgun sequence data.

Resource Type: software resource

Defining Citation: [PMID:24609383](#)

Keywords: c++

Availability: Free, Freely available, Available for download

Resource Name: TelSeq

Resource ID: SCR_002730

Alternate IDs: OMICS_03276

License: GNU General Public License, v3

Record Creation Time: 20220129T080215+0000

Record Last Update: 20260829T182119+0000

Ratings and Alerts

No rating or validation information has been found for TelSeq.

No alerts have been found for TelSeq.

Data and Source Information

Usage and Citation Metrics

We found 72 mentions in open access literature.

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

Li A, et al. (2026) Plasma Proteome Signature for Leukocyte Telomere Length and Its Link to Abdominal Aortic Aneurysm. *Journal of cellular and molecular medicine*, 30(3), e71047.

Ruiz-Pozo VA, et al. (2026) Genetic Determinants of Telomere Length and Their Role in Human Disease: Molecular Mechanisms and Underrepresented Populations' Perspectives. *Biomedicines*, 14(6).

Liu Y, et al. (2026) Telomere length, aging, and cognitive function in the Midwestern Amish. *HGG advances*, 7(1), 100533.

Sauty SM, et al. (2026) Comparative whole-genome analyses of articular chondrocytes and skin fibroblasts reveal distinct genome instability landscapes in mesenchymal cell types. *PLoS genetics*, 22(5), e1012156.

Nakao T, et al. (2026) Genomic, phenomic and geographic associations of leukocyte telomere length in the United States. *Nature genetics*, 58(4), 831.

Sauty SM, et al. (2026) Comparative whole-genome analyses of articular chondrocytes and skin fibroblasts reveal distinct genome instability landscapes in mesenchymal cell types. *bioRxiv : the preprint server for biology*.

Jain N, et al. (2026) Determinants of chromosome-specific telomere lengths among 2573 All of Us participants. *Nature communications*, 17(1).

Zhao K, et al. (2026) Leukocyte Telomere Length and Its Polygenic Risk Score in Post-Stroke Cognitive Impairment: Evidence From a Multicenter Cohort Study. *Brain and behavior*, 16(5), e71435.

Khurshid Z, et al. (2026) Interactive effects of telomere length and genetic variants on Alzheimer disease risk across multiple ancestral populations. *Alzheimer's research & therapy*, 18(1).

Sato G, et al. (2026) Genetic regulation across germline and somatic variation on the Y chromosome contributes to type 2 diabetes. *Nature medicine*, 32(3), 894.

Maher TM, et al. (2026) Prospective study of fibrosis in the lung endpoints (PROFILE): characteristics of an incident cohort of patients with idiopathic pulmonary fibrosis. *BMJ open respiratory research*, 13(1).

Alonso-Gonzalez A, et al. (2025) Rare variants and survival of patients with idiopathic pulmonary fibrosis: analysis of a multicentre, observational cohort study with independent validation. *The Lancet. Respiratory medicine*, 13(6), 495.

Williams AM, et al. (2025) Epigenetic age acceleration, telomere length, and neurocognitive function in long-term survivors of childhood cancer. *Nature communications*, 16(1), 10655.

Florez-Vargas O, et al. (2025) Genetic regulation of TERT splicing affects cancer risk by altering cellular longevity and replicative potential. *Nature communications*, 16(1), 1676.

Wen S, et al. (2025) Comparative analysis of the Mexico City Prospective Study and the UK Biobank identifies ancestry-specific effects on clonal hematopoiesis. *Nature genetics*, 57(3), 572.

Shah P, et al. (2025) A COMPREHENSIVE CATALOG OF TELOMERE CONTENT VARIATION ACROSS HUMAN POPULATIONS. *bioRxiv : the preprint server for biology*.

Rodriguez MD, et al. (2025) Genetic, phenotypic, and environmental drivers of local adaptation and climate change-induced maladaptation in a migratory songbird. *Proceedings of the National Academy of Sciences of the United States of America*, 122(40), e2518497122.

Khandekar A, et al. (2025) Examining the Role of Extrachromosomal DNA in 1,216 Lung Cancers. *bioRxiv : the preprint server for biology*.

Chan RNC, et al. (2025) Shortened Relative Leukocyte Telomere Length Is Associated With Polycystic Ovary Syndrome and Metabolic Traits. *Endocrinology, diabetes & metabolism*, 8(2), e70030.

Jain N, et al. (2025) Determinants of chromosome-specific telomere lengths among 2,573 All of Us participants. *Research square*.