

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 18, 2026

SUMSTAT

RRID:SCR_009416

Type: Tool

Proper Citation

SUMSTAT (RRID:SCR_009416)

Resource Information

URL: <http://www.jurgott.org/linkage/sumstat.html>

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Description: Software application that assess the joint disease association of multiple unlinked SNPs via sums of SNP specific test statistics. Genome-wide significance levels are obtained by per mutation analysis. (entry from Genetic Analysis Software)

Resource Type: software application, software resource

Keywords: gene, genetic, genomic, free pascal, ms-windows, linux, bio.tools

Resource Name: SUMSTAT

Resource ID: SCR_009416

Alternate IDs: nlx_154663, biotools:sumstat

Alternate URLs: <https://bio.tools/sumstat>

Record Creation Time: 20220129T080252+0000

Record Last Update: 20260912T200246+0000

Ratings and Alerts

No rating or validation information has been found for SUMSTAT.

No alerts have been found for SUMSTAT.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Liu W, et al. (2023) Large-scale across species transcriptomic analysis identifies genetic selection signatures associated with longevity in mammals. The EMBO journal, 42(17), e112740.

Treaster S, et al. (2023) Convergent genomics of longevity in rockfishes highlights the genetics of human life span variation. Science advances, 9(2), eadd2743.

Roca-Umbert A, et al. (2022) Understanding signatures of positive natural selection in human zinc transporter genes. Scientific reports, 12(1), 4320.

Treaster S, et al. (2021) Refining Convergent Rate Analysis with Topology in Mammalian Longevity and Marine Transitions. Molecular biology and evolution, 38(11), 5190.

Daane JM, et al. (2020) Developmental constraint shaped genome evolution and erythrocyte loss in Antarctic fishes following paleoclimate change. PLoS genetics, 16(10), e1009173.

Fore R, et al. (2020) Multi-Set Testing Strategies Show Good Behavior When Applied to Very Large Sets of Rare Variants. Frontiers in genetics, 11, 591606.

Daane JM, et al. (2019) Historical contingency shapes adaptive radiation in Antarctic fishes. Nature ecology & evolution, 3(7), 1102.

Liu J, et al. (2018) Adaptive Evolution of Animal Proteins over Development: Support for the Darwin Selection Opportunity Hypothesis of Evo-Devo. Molecular biology and evolution, 35(12), 2862.

Amorim CE, et al. (2015) Detection of convergent genome-wide signals of adaptation to tropical forests in humans. PloS one, 10(4), e0121557.

Yeh FC, et al. (2015) Explore the Features of Brain-Derived Neurotrophic Factor in Mood Disorders. PloS one, 10(6), e0128605.

Polonikov AV, et al. (2014) Antioxidant defense enzyme genes and asthma susceptibility: gender-specific effects and heterogeneity in gene-gene interactions between pathogenetic variants of the disease. BioMed research international, 2014, 708903.