

Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

Savant

RRID:SCR_003488

Type: Tool

Proper Citation

Savant (RRID:SCR_003488)

Resource Information

URL: <http://genomesavant.com/p/home/index>

Proper Citation: Savant (RRID:SCR_003488)

Description: Next-generation genome browser software designed for the latest generation of genome data.

Abbreviations: Savant

Resource Type: software resource

Availability: Free, Available for download, Freely available

Resource Name: Savant

Resource ID: SCR_003488

Alternate IDs: OMICS_00923

Alternate URLs: <https://github.com/compbio-UofT/savant>

Record Creation Time: 20220129T080219+0000

Record Last Update: 20260912T195559+0000

Ratings and Alerts

No rating or validation information has been found for Savant.

No alerts have been found for Savant.

Data and Source Information

Usage and Citation Metrics

We found 64 mentions in open access literature.

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

Stubbe B, et al. (2025) Promoter hypermethylation of SFRP1 is an allele fraction-dependent prognostic biomarker in metastatic pancreatic ductal adenocarcinoma. *Frontiers in oncology*, 15, 1568386.

Nurhidayat L, et al. (2025) Tokay gecko tail regeneration involves temporally collinear expression of HOXC genes and early expression of satellite cell markers. *BMC biology*, 23(1), 6.

de Carvalho MML, et al. (2025) Dual Role for Pld1 in *Klebsiella pneumoniae* Virulence: Transcriptomics and Proteomics Provide Insights into Direct and Indirect Effects. *Journal of proteome research*, 24(6), 2874.

Hemmling H, et al. (2025) Histones in neutrophil extracellular traps (NETs) contain oxidative post-translational modifications induced by the myeloperoxidase oxidant hypochlorous acid. *Redox biology*, 84, 103696.

Mouton A, et al. (2025) Genetic and Anatomical Determinants of Olfaction in Dogs and Wild Canids. *Molecular biology and evolution*, 42(3).

Curiel-Alegre S, et al. (2025) Bioaugmentation and vermicompost facilitated the hydrocarbon bioremediation: scaling up from lab to field for petroleum-contaminated soils. *Environmental science and pollution research international*, 32(28), 16601.

Fascineli ML, et al. (2024) Lack of genotoxicity of iron oxide maghemite (γ -Fe₂O₃) and magnetite (Fe₃O₄) nanoparticles to *Oreochromis niloticus* after acute exposures. *Genetics and molecular biology*, 47(3), e20230330.

Zhao X, et al. (2024) Identification, screening and taste mechanisms analysis of two novel umami pentapeptides derived from the myosin heavy chain of Atlantic cod (*Gadus morhua*). *RSC advances*, 14(15), 10152.

Gao B, et al. (2024) The evolutionary novelty of insect defensins: from bacterial killing to toxin neutralization. *Cellular and molecular life sciences : CMLS*, 81(1), 230.

Niksirat H, et al. (2024) The quantification of zebrafish ocular-associated proteins provides hints for sex-biased visual impairments and perception. *Heliyon*, 10(12), e33057.

Jakobina M, et al. (2024) The influence of cultivation conditions on the formation of psychoactive salvinorin A, salvinorin B, rosmarinic acid and caffeic acid in *Coleus scutellarioides*. *Scientific reports*, 14(1), 6693.

Zhang B, et al. (2024) Study on the Neuroprotective Effects of Eight Iridoid Components Using Cell Metabolomics. *Molecules (Basel, Switzerland)*, 29(7).

Prado-Fernández MF, et al. (2024) *Pereskia sacharosa* Griseb. (Cactaceae) Prevents Lipopolysaccharide-Induced Neuroinflammation in Rodents via Down-Regulating TLR4/CD14 Pathway and GABAA γ 2 Activity. *Current issues in molecular biology*, 46(7), 6885.

Claessens A, et al. (2023) Genomic variation during culture adaptation of genetically complex *Plasmodium falciparum* clinical isolates. *Microbial genomics*, 9(5).

Basta M, et al. (2023) Possible protective effect of zinc administration on renal and cognitive changes occurring in uninephrectomized adult male Wistar rats. *Experimental physiology*, 108(2), 253.

Li L, et al. (2023) Revealing proteome-level functional redundancy in the human gut microbiome using ultra-deep metaproteomics. *Nature communications*, 14(1), 3428.

Džunková M, et al. (2023) Synthase-selected sorting approach identifies a beta-lactone synthase in a nudibranch symbiotic bacterium. *Microbiome*, 11(1), 130.

Zhu S, et al. (2022) Adaptively evolved human oral actinomyces-sourced defensins show therapeutic potential. *EMBO molecular medicine*, 14(2), e14499.

Gideon HP, et al. (2022) Multimodal profiling of lung granulomas in macaques reveals cellular correlates of tuberculosis control. *Immunity*, 55(5), 827.

Lin HL, et al. (2022) Quantifying In Situ Structural Stabilities of Human Blood Plasma Proteins Using a Novel Iodination Protein Stability Assay. *Journal of proteome research*, 21(12), 2920.