Resource Summary Report

Generated by NIF on May 27, 2025

Sybil

RRID:SCR_005593

Type: Tool

Proper Citation

Sybil (RRID:SCR_005593)

Resource Information

URL: http://sybil.sourceforge.net/

Proper Citation: Sybil (RRID:SCR_005593)

Description: A web-based software package for comparative genomics.

Abbreviations: Sybil

Synonyms: Sybil: Web-based software for comparative genomics

Resource Type: software resource, data or information resource, database

Defining Citation: PMID:22121156

Keywords: comparative genomics, genome, synteny, protein cluster, protein, gene, genomic

region, synteny gradient, bio.tools

Funding:

Resource Name: Sybil

Resource ID: SCR_005593

Alternate IDs: OMICS_00945, biotools:sybil

Alternate URLs: https://bio.tools/sybil

Record Creation Time: 20220129T080231+0000

Record Last Update: 20250527T054842+0000

Ratings and Alerts

No rating or validation information has been found for Sybil.

No alerts have been found for Sybil.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Baccega D, et al. (2024) Enhancing COVID-19 forecasting precision through the integration of compartmental models, machine learning and variants. Scientific reports, 14(1), 19220.

Rai HM, et al. (2024) Enhancing data security and privacy in energy applications: Integrating IoT and blockchain technologies. Heliyon, 10(19), e38917.

Burtnick MN, et al. (2024) Identification of Burkholderia cepacia strains that express a Burkholderia pseudomallei-like capsular polysaccharide. Microbiology spectrum, 12(3), e0332123.

Dell'Olio A, et al. (2024) Tailored impact of dietary fibers on gut microbiota: a multi-omics comparison on the lean and obese microbial communities. Microbiome, 12(1), 250.

Simon J, et al. (2023) Role of sex in lung cancer risk prediction based on single low-dose chest computed tomography. Scientific reports, 13(1), 18611.

Scott WT, et al. (2023) A structured evaluation of genome-scale constraint-based modeling tools for microbial consortia. PLoS computational biology, 19(8), e1011363.

Villada JC, et al. (2022) Integrative Genome-Scale Metabolic Modeling Reveals Versatile Metabolic Strategies for Methane Utilization in Methylomicrobium album BG8. mSystems, 7(2), e0007322.

Henneke L, et al. (2022) A dietary carbohydrate - gut Parasutterella - human fatty acid biosynthesis metabolic axis in obesity and type 2 diabetes. Gut microbes, 14(1), 2057778.

Arshad A, et al. (2021) A survey of Sybil attack countermeasures in IoT-based wireless sensor networks. PeerJ. Computer science, 7, e673.

Tretina K, et al. (2020) Theileria parasites subvert E2F signaling to stimulate leukocyte proliferation. Scientific reports, 10(1), 3982.

Malik IT, et al. (2020) Functional Characterisation of ClpP Mutations Conferring Resistance to Acyldepsipeptide Antibiotics in Firmicutes. Chembiochem: a European journal of chemical biology, 21(14), 1997.

Kraševec N, et al. (2020) Unconventional Secretion of Nigerolysins A from Aspergillus Species. Microorganisms, 8(12).

Peiro C, et al. (2019) Chemical and Metabolic Controls on Dihydroxyacetone Metabolism Lead to Suboptimal Growth of Escherichia coli. Applied and environmental microbiology, 85(15).

Reichenbach T, et al. (2018) Structural and biochemical characterization of the Cutibacterium acnes exo-?-1,4-mannosidase that targets the N-glycan core of host glycoproteins. PloS one, 13(9), e0204703.

Botero K, et al. (2018) A genome-scale metabolic model of potato late blight suggests a photosynthesis suppression mechanism. BMC genomics, 19(Suppl 8), 863.

Sou SN, et al. (2018) Exploring cellular behavior under transient gene expression and its impact on mAb productivity and Fc-glycosylation. Biotechnology and bioengineering, 115(2), 512.

Launay H, et al. (2018) Cryptic Disorder Out of Disorder: Encounter between Conditionally Disordered CP12 and Glyceraldehyde-3-Phosphate Dehydrogenase. Journal of molecular biology, 430(8), 1218.

Valverde JR, et al. (2018) Modelling the metabolism of protein secretion through the Tat route in Streptomyces lividans. BMC microbiology, 18(1), 59.

Amara A, et al. (2018) Development and validation of an updated computational model of Streptomyces coelicolor primary and secondary metabolism. BMC genomics, 19(1), 519.

Nazipi S, et al. (2017) The Skin Bacterium Propionibacterium acnes Employs Two Variants of Hyaluronate Lyase with Distinct Properties. Microorganisms, 5(3).