

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 16, 2026

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: data or information resource, database, software resource

Defining Citation: [PMID:22121156](#)

Keywords: comparative genomics, genome, synteny, protein cluster, protein, gene, genomic region, synteny gradient, bio.tools

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: 20260912T195628+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 37 mentions in open access literature.

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

Chinnasamy P, et al. (2025) Blockchain based electronic educational document management with role-based access control using machine learning model. Scientific reports, 15(1), 18828.

Kruse CPS, et al. (2025) A multi-omic characterization of the physiological responses to salt stress in *Scenedesmus obliquus* UTEX393. Communications biology, 8(1), 1632.

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 *Methylobacterium 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.

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.

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

Kraševac 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).

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.

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.

Reichenbach T, et al. (2018) Structural and biochemical characterization of the *Cutibacterium acnes* exo- α -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.