

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 17, 2026

SubtiList

RRID:SCR_007950

Type: Tool

Proper Citation

SubtiList (RRID:SCR_007950)

Resource Information

URL: <http://genolist.pasteur.fr/SubtiList/>

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Description: Subtilist is a database dedicated to the analysis of the genome of *Bacillus subtilis*. It provides a complete dataset of DNA and protein sequences derived from the paradigm strain *B. subtilis* 168, linked to the relevant annotations and functional assignments. It also allows one to easily browse through these data and retrieve information, using various criteria (gene names, location, keywords, etc.). The purpose of the website is to collate and integrate various aspects of the genomic information from *B. subtilis*, the paradigm of sporulating Gram-positive bacteria. The data contained in SubtiList originated mainly from the worldwide collaborative *B. subtilis* genome sequencing project, supplemented with information from the *B. subtilis* entries present in the EMBL/GenBank/DDBJ databanks, as well as observations either published in international journals or communicated directly to us by individual researchers.

Abbreviations: SubtiList, SUBTILISTG

Synonyms: SUBTILISTG

Resource Type: analysis service resource, data analysis service, data or information resource, database, production service resource, service resource

Defining Citation: [PMID:11752255](#), [PMID:7704253](#)

Keywords: bacillus subtilis, bacillus subtilis genome, b. subtilis, b. subtilis genome, b. subtilis protein, gram-positive bacteria, sporulating bacteria

Funding: European Union Biotechnology program contract BIO2-CT93-0272;
European Union Biotechnology program contract BIO2-CT94-2011;
European Union Biotechnology program contract BIO4-CT96-0655

Resource Name: SubtiList

Resource ID: SCR_007950

Alternate IDs: nif-0000-03506

Record Creation Time: 20220129T080244+0000

Record Last Update: 20260912T195658+0000

Ratings and Alerts

No rating or validation information has been found for SubtiList.

No alerts have been found for SubtiList.

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 [SPARC SAWG](#) .

Tork SE, et al. (2020) A new uricase from *Bacillus cereus* SKIII: Characterization, gene identification and genetic improvement. *International journal of biological macromolecules*, 165(Pt B), 3135.

Othoum G, et al. (2019) Comparative genomics study reveals Red Sea *Bacillus* with characteristics associated with potential microbial cell factories (MCFs). *Scientific reports*, 9(1), 19254.

Sassine J, et al. (2017) Functional redundancy of division specific penicillin-binding proteins in *Bacillus subtilis*. *Molecular microbiology*, 106(2), 304.

Habib C, et al. (2017) Characterization of the regulation of a plant polysaccharide utilization operon and its role in biofilm formation in *Bacillus subtilis*. *PloS one*, 12(6), e0179761.

Abolbaghaei A, et al. (2017) How Changes in Anti-SD Sequences Would Affect SD Sequences in *Escherichia coli* and *Bacillus subtilis*. *G3 (Bethesda, Md.)*, 7(5), 1607.

Mamou G, et al. (2017) Deficiency in Lipoteichoic Acid Synthesis Causes a Failure in Executing the Colony Developmental Program in *Bacillus subtilis*. *Frontiers in microbiology*, 8, 1991.

Zalucki YM, et al. (2017) Signal peptidase I processed secretory signal sequences: Selection for and against specific amino acids at the second position of mature protein. *Biochemical and biophysical research communications*, 483(3), 972.

Ling HL, et al. (2017) Data for proteome analysis of *Bacillus lehensis* G1 in starch-containing medium. Data in brief, 14, 35.

Gómez-Lunar Z, et al. (2016) Microevolution Analysis of *Bacillus coahuilensis* Unveils Differences in Phosphorus Acquisition Strategies and Their Regulation. *Frontiers in microbiology*, 7, 58.

Tork SE, et al. (2015) Purification and characterization of gamma poly glutamic acid from newly *Bacillus licheniformis* NRC20. *International journal of biological macromolecules*, 74, 382.

Schneider J, et al. (2015) Spatio-temporal remodeling of functional membrane microdomains organizes the signaling networks of a bacterium. *PLoS genetics*, 11(4), e1005140.

Gunka K, et al. (2013) Selection-driven accumulation of suppressor mutants in *Bacillus subtilis*: the apparent high mutation frequency of the cryptic *gudB* gene and the rapid clonal expansion of *gudB*(+) suppressors are due to growth under selection. *PloS one*, 8(6), e66120.

Zafra O, et al. (2012) Extracellular DNA release by undomesticated *Bacillus subtilis* is regulated by early competence. *PloS one*, 7(11), e48716.

Tagami K, et al. (2012) Expression of a small (p)ppGpp synthetase, YwaC, in the (p)ppGpp(0) mutant of *Bacillus subtilis* triggers YvyD-dependent dimerization of ribosome. *MicrobiologyOpen*, 1(2), 115.

Yousefi-Nejad M, et al. (2011) Proteomics of early and late cold shock stress on thermophilic bacterium, *Thermus* sp. GH5. *Journal of proteomics*, 74(10), 2100.

Galián C, et al. (2011) Optimized purification of a heterodimeric ABC transporter in a highly stable form amenable to 2-D crystallization. *PloS one*, 6(5), e19677.

Ondrusch N, et al. (2011) Blue and red light modulates SigB-dependent gene transcription, swimming motility and invasiveness in *Listeria monocytogenes*. *PloS one*, 6(1), e16151.

Yu WB, et al. (2011) Comparative transcriptome analysis of *Bacillus subtilis* responding to dissolved oxygen in adenosine fermentation. *PloS one*, 6(5), e20092.

Helianti I, et al. (2010) Constitutive high level expression of an endoxylanase gene from the newly isolated *Bacillus subtilis* AQ1 in *Escherichia coli*. *Journal of biomedicine & biotechnology*, 2010.

Huang Y, et al. (2009) Selection for minimization of translational frameshifting errors as a factor in the evolution of codon usage. *Nucleic acids research*, 37(20), 6799.