

Resource Summary Report

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[Bacteriome.org](#)

RRID:SCR_001934

Type: Tool

Proper Citation

Bacteriome.org (RRID:SCR_001934)

Resource Information

URL: <http://www.bacteriome.org>

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Description: Database integrating physical (protein-protein) and functional interactions within the context of an E. coli knowledgebase. Presently the resource offers access to two types of network: * A network of functional interactions derived through exploiting available functional genomic datasets within a Bayesian framework * Two networks of experimentally derived protein-protein interactions - a "core" network consisting of interactions deemed to be of "high quality"; and an "extended" network which extends the "core" network by including interactions for which experimental evidence is less strong.

Abbreviations: Bacteriome.org

Synonyms: Bacteriome.org - Bacterial Protein Interaction Database

Resource Type: data or information resource, database

Defining Citation: [PMID:219798435](#), [PMID:17942431](#)

Keywords: functional interaction, genetics, genome, protein, protein-protein interaction, protein interaction, function, evolution, structure, gene, phylogenetic profile, chromosome, blast, phylogenetic, complex, network

Funding: Canadian Institutes of Health Research

Resource Name: Bacteriome.org

Resource ID: SCR_001934

Alternate IDs: nif-0000-02592, OMICS_01899, r3d100012726

Alternate URLs: <http://128.100.134.188/bacteriome/>

Record Creation Time: 20220129T080210+0000

Record Last Update: 20260912T200123+0000

Ratings and Alerts

No rating or validation information has been found for Bacteriome.org.

No alerts have been found for Bacteriome.org.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Han R, et al. (2022) [Mirror cutting-assisted orthogonal digestion enabling large-scale and accurate protein complex characterization]. Se pu = Chinese journal of chromatography, 40(3), 224.

Neef A, et al. (2011) Genome economization in the endosymbiont of the wood roach *Cryptocercus punctulatus* due to drastic loss of amino acid synthesis capabilities. Genome biology and evolution, 3, 1437.

Williams TA, et al. (2010) The effect of chaperonin buffering on protein evolution. Genome biology and evolution, 2, 609.

Su C, et al. (2008) Bacteriome.org--an integrated protein interaction database for *E. coli*. Nucleic acids research, 36(Database issue), D632.