Resource Summary Report

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StrainInfo.net Bioportal

RRID:SCR_007948
Type: Tool

Proper Citation

StrainInfo.net Bioportal (RRID:SCR_007948)

Resource Information

URL: http://www.StrainInfo.net

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Description: StrainInfo.net connects users with information resources on different strains and taxa of microorganisms. The StrainInfo.net bioportal was established to stimulate movement towards the use of multi-perspective integrated information in a broadened biological and clinical context. It brings together the biological material kept at multiple biological resource centers into a single portal interface, with direct pointers to the relevant information at the collections" websites, and provides both historical traces and geographic distribution of the strains they keep in culture. In addition, this information is automatically linked to related sequences in the public domain and refers to all known scientific publications that deal with the organism. To support taxonomic depth of the information provided by the StrainInfo.net bioportal, all taxonomic names appearing in the bioportal are fully integrated with and linked out to key taxonomic information sources. Predefined workflows allow further integration of additional information sources into the bioportal, resulting in direct access to all organisms involved in completed or ongoing whole-genome sequencing projects. As the bioportal further unfolds itself as a helpful add-on to the microbiologists" toolbox, we hope to gather around it a growing community of users that might become active contributors to both its content and implementation.

Synonyms: StrainInfo.net

Resource Type: data or information resource, database

Keywords: microbe, microorganism genetics, microorganism genome, microorganisms, microorganism strain

Resource Name: StrainInfo.net Bioportal

Resource ID: SCR_007948

Alternate IDs: nif-0000-03500

Record Creation Time: 20220129T080244+0000

Record Last Update: 20260905T133148+0000

Ratings and Alerts

No rating or validation information has been found for StrainInfo.net Bioportal.

No alerts have been found for StrainInfo.net Bioportal.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Nogina T, et al. (2020) A new Rhodococcus aetherivorans strain isolated from lubricant-contaminated soil as a prospective phenol-biodegrading agent. Applied microbiology and biotechnology, 104(8), 3611.

Oberhofer M, et al. (2019) Exploring Actinobacteria Associated With Rhizosphere and Endosphere of the Native Alpine Medicinal Plant Leontopodium nivale Subspecies alpinum. Frontiers in microbiology, 10, 2531.

Rozanov AS, et al. (2017) Draft genome sequence of Thermoactinomyces sp. Gus2-1 isolated from the hot-spring Gusikha in Bargusin Valley (Baikal Rift Zone, Russia). Genomics data, 11, 1.

Casaregola S, et al. (2016) An Information System for European culture collections: the way forward. SpringerPlus, 5(1), 772.

Molina F, et al. (2015) Improved detection of Escherichia coli and coliform bacteria by multiplex PCR. BMC biotechnology, 15, 48.

Federhen S, et al. (2015) Type material in the NCBI Taxonomy Database. Nucleic acids research, 43(Database issue), D1086.

Cubero M, et al. (2015) Carbapenem-resistant and carbapenem-susceptible isogenic isolates of Klebsiella pneumoniae ST101 causing infection in a tertiary hospital. BMC microbiology, 15, 177.

Rozanov AS, et al. (2015) Draft genome sequence of a halorubrum h3 strain isolated from the burlinskoye salt lake (altai krai, Russia). Genome announcements, 3(3).

Rozanov AS, et al. (2014) Draft Genome Sequences of Geobacillus stearothermophilus Strains 22 and 53, Isolated from the Garga Hot Spring in the Barguzin River Valley of the

Russian Federation. Genome announcements, 2(6).

Kim J, et al. (2014) Draft Genome Sequence of Sphingopyxis sp. Strain MWB1, a Crude-Oil-Degrading Marine Bacterium. Genome announcements, 2(6).

Söhngen C, et al. (2014) BacDive--the Bacterial Diversity Metadatabase. Nucleic acids research, 42(Database issue), D592.

Bull MJ, et al. (2014) The domestication of the probiotic bacterium Lactobacillus acidophilus. Scientific reports, 4, 7202.

Bryanskaya AV, et al. (2014) Draft Genome Sequence of Geobacillus icigianus Strain G1w1T Isolated from Hot Springs in the Valley of Geysers, Kamchatka (Russian Federation). Genome announcements, 2(5).

Rozanov AS, et al. (2014) Draft Genome Sequence of Anoxybacillus flavithermus Strain 25, Isolated from the Garga Hot Spring in the Barguzin Valley, Baikal Region, Russian Federation. Genome announcements, 2(6).

Huang YH, et al. (2013) Generation and analysis of the expressed sequence tags from the mycelium of Ganoderma lucidum. PloS one, 8(5), e61127.

Robbins RJ, et al. (2012) RCN4GSC Meeting Report: Initiating a Testbed for Managing Data at the Interface of Biodiversity and Genomics/Metagenomics, May 2011. Standards in genomic sciences, 7(1), 171.

Tourasse NJ, et al. (2010) HyperCAT: an extension of the SuperCAT database for global multi-scheme and multi-datatype phylogenetic analysis of the Bacillus cereus group population. Database : the journal of biological databases and curation, 2010, baq017.

Sørensen UB, et al. (2010) Emergence and global dissemination of host-specific Streptococcus agalactiae clones. mBio, 1(3).

Cochrane G, et al. (2009) Petabyte-scale innovations at the European Nucleotide Archive. Nucleic acids research, 37(Database issue), D19.