

Resource Summary Report

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Strepto-DB

RRID:SCR_005196

Type: Tool

Proper Citation

Strepto-DB (RRID:SCR_005196)

Resource Information

URL: http://oger.tu-bs.de/strepto_db

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Description: A database for comparative genomics of group A and group B streptococci. It is based on OGeR (Open Genome Resource for comparative analysis of prokaryotic genomes) and includes all sequenced GAS and GBS strains and serovars available as EMBL genome review or NCBI GenBank files. Strepto-DB identifies the homologous proteins deduced from the genomes of interest. It allows for the elucidation of the GAS and GBS core- and pan-genomes via genome-wide comparisons. Moreover, an intergenic region analysis tool provides alignments and predictions for transcription factor binding sites in the non-coding sequences. An interactive genome browser visualizes functional annotations. Strepto-DB (http://oger.tu-bs.de/strepto_db) was created by the use of OGeR, the Open Genome Resource for comparative analysis of prokaryotic genomes. OGeR is a newly developed open source database and tool platform for the web-based storage, distribution, visualization and comparison of prokaryotic genome data. The system automatically creates the dedicated relational database and web interface and imports an arbitrary number of genomes derived from standardized genome files.

Synonyms: Strepto-DB

Resource Type: data or information resource, database

Keywords: gas strain, gbs strain, group a streptococci, group b streptococci, serovar, streptococcus genome, streptococci, streptococci genome, streptococcus

Resource Name: Strepto-DB

Resource ID: SCR_005196

Alternate IDs: nif-0000-03502

Record Creation Time: 20220129T080228+0000

Record Last Update: 20260821T193731+0000

Ratings and Alerts

No rating or validation information has been found for Strepto-DB.

No alerts have been found for Strepto-DB.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.